

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041520\
 Data File : VD065637.D
 Acq On : 15 Apr 2020 16:00
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 15 18:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	259913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	354754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	334704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	171392	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	208673	85.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.62%	
35) Dibromofluoromethane	7.92	113	219810	90.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.52%	
50) Toluene-d8	10.34	98	840599	94.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	189.66%	
62) 4-Bromofluorobenzene	12.64	95	281279	97.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	215327	92.897	ug/l	97
3) Chloromethane	2.21	50	226182	79.945	ug/l	100
4) Vinyl Chloride	2.35	62	246236	91.907	ug/l	98
5) Bromomethane	2.76	94	135626	74.097	ug/l	96
6) Chloroethane	2.91	64	143407	86.940	ug/l	100
7) Trichlorofluoromethane	3.27	101	339755	84.055	ug/l	100
8) Diethyl Ether	3.70	74	73324	88.299	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162310	65.077	ug/l	98
10) Methyl Iodide	4.29	142	307602	125.597	ug/l	94
11) Tert butyl alcohol	5.24	59	58337	495.434	ug/l	98
12) 1,1-Dichloroethene	4.06	96	149146	65.048	ug/l	99
13) Acrolein	3.92	56	51886	316.653	ug/l	98
14) Allyl chloride	4.71	41	361731	106.258	ug/l	91
15) Acrylonitrile	5.43	53	243636	511.499	ug/l	99
16) Acetone	4.16	43	145505	343.136	ug/l	98
17) Carbon Disulfide	4.40	76	734552	96.342	ug/l	100
18) Methyl Acetate	4.72	43	122317	99.208	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	479147	106.110	ug/l	99
20) Methylene Chloride	4.96	84	237629	86.432	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	253397	97.223	ug/l	96
22) Diisopropyl ether	6.36	45	716789	101.066	ug/l	96
23) Vinyl Acetate	6.31	43	2010951	531.611	ug/l	99
24) 1,1-Dichloroethane	6.26	63	416311	89.269	ug/l	99
25) 2-Butanone	7.22	43	295490	477.666	ug/l	99
26) 2,2-Dichloropropane	7.21	77	364717	87.802	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	269760	94.763	ug/l	98
28) Bromochloromethane	7.55	49	164503	86.811	ug/l	99
29) Tetrahydrofuran	7.57	42	198318	506.859	ug/l	99
30) Chloroform	7.71	83	420746	86.316	ug/l	100
31) Cyclohexane	7.98	56	401260	92.169	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	383783	87.538	ug/l	99
36) 1,1-Dichloropropene	8.11	75	345632	96.147	ug/l	99
37) Ethyl Acetate	7.30	43	137651	98.850	ug/l	99
38) Carbon Tetrachloride	8.10	117	360616	92.337	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041520\
 Data File : VD065637.D
 Acq On : 15 Apr 2020 16:00
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 15 18:55:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	432310	106.240	ug/l	99
40) Benzene	8.35	78	982020	95.319	ug/l	99
41) Methacrylonitrile	7.53	41	73244	92.826	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	264431	90.758	ug/l	100
43) Isopropyl Acetate	8.46	43	260538	103.880	ug/l	99
44) Trichloroethene	9.11	130	272238	92.500	ug/l	95
45) 1,2-Dichloropropane	9.39	63	241148	95.392	ug/l	99
46) Dibromomethane	9.48	93	125128	91.833	ug/l	97
47) Bromodichloromethane	9.67	83	330172	92.857	ug/l	97
48) Methyl methacrylate	9.46	41	128257	107.236	ug/l	97
49) 1,4-Dioxane	9.47	88	29932	2019.859	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	673297	516.875	ug/l	99
52) Toluene	10.41	92	629657	96.968	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	321584	100.812	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	383657	98.898	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	174049	90.431	ug/l	99
56) Ethyl methacrylate	10.67	69	220412	113.084	ug/l	99
57) 1,3-Dichloropropane	10.95	76	302390	94.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	531450	523.766	ug/l	99
59) 2-Hexanone	10.99	43	463252	532.672	ug/l	98
60) Dibromochloromethane	11.14	129	232120	91.358	ug/l	99
61) 1,2-Dibromoethane	11.25	107	171550	93.722	ug/l	100
64) Tetrachloroethene	10.88	164	237086	91.170	ug/l	99
65) Chlorobenzene	11.67	112	662584	93.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	251416	93.031	ug/l	99
67) Ethyl Benzene	11.75	91	1195909	102.211	ug/l	99
68) m/p-Xylenes	11.86	106	925792	201.269	ug/l	99
69) o-Xylene	12.18	106	418907	105.295	ug/l	100
70) Styrene	12.20	104	743521	105.588	ug/l	100
71) Bromoform	12.37	173	141921	91.923	ug/l #	100
73) Isopropylbenzene	12.48	105	1137169	106.622	ug/l	100
74) N-amyl acetate	12.30	43	241437	110.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	187411	93.366	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	247464	175.409	ug/l #	100
77) Bromobenzene	12.77	156	281653	95.665	ug/l	99
78) n-propylbenzene	12.83	91	1330665	103.204	ug/l	99
79) 2-Chlorotoluene	12.91	91	741985	100.233	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	940118	104.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	68401	113.639	ug/l	95
82) 4-Chlorotoluene	13.01	91	778438	97.354	ug/l	98
83) tert-Butylbenzene	13.23	119	799304	106.808	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	945062	105.483	ug/l	100
85) sec-Butylbenzene	13.41	105	1117623	104.049	ug/l	99
86) p-Isopropyltoluene	13.53	119	1053384	106.351	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	537321	94.231	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	523484	91.867	ug/l	99
89) n-Butylbenzene	13.86	91	961471	107.122	ug/l	99
90) Hexachloroethane	14.12	117	202703	93.486	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	459055	94.327	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	29066	93.124	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041520\
Data File : VD065637.D
Acq On : 15 Apr 2020 16:00
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Quant Time: Apr 15 18:55:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 15 18:47:17 2020
Response via : Initial Calibration

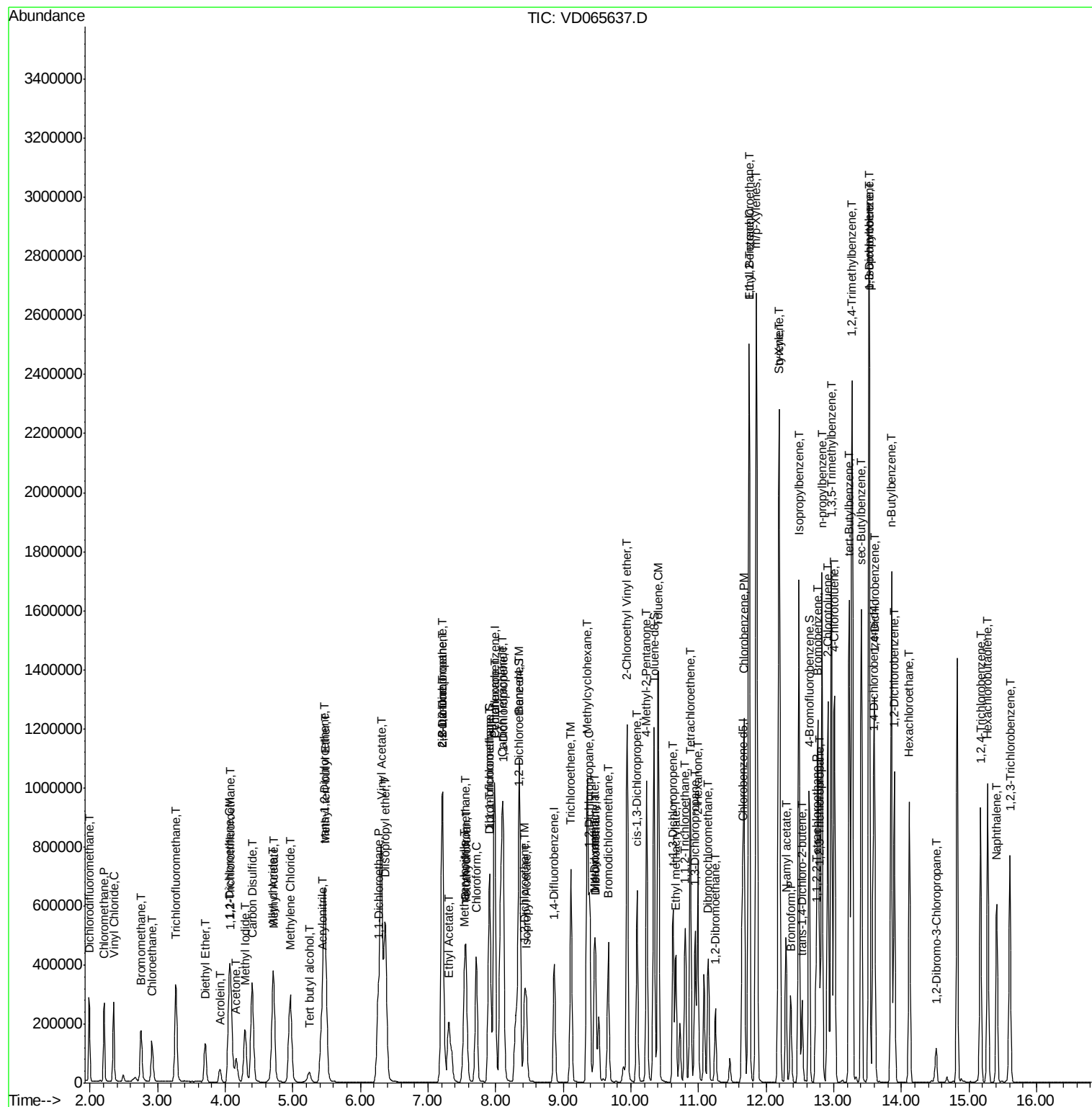
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	339251	105.471	ug/l	97
94) Hexachlorobutadiene	15.28	225	217639	97.594	ug/l	99
95) Naphthalene	15.41	128	544596	115.177	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	289740	102.852	ug/l	100

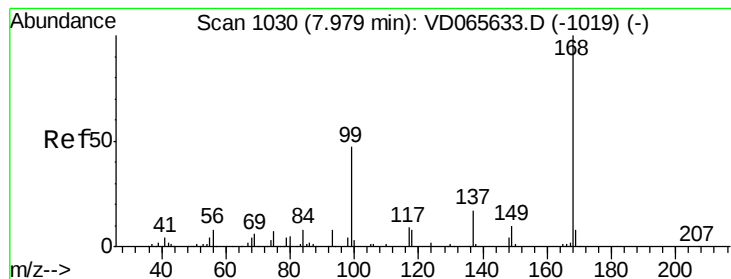
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041520\
 Data File : VD065637.D
 Acq On : 15 Apr 2020 16:00
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Quant Time: Apr 15 18:55:45 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 15 18:47:17 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

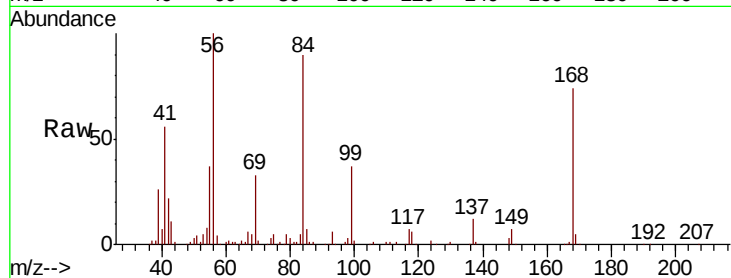
VSTDIC100

Tot Ion:168 Resp: 259913

Ion Ratio Lower Upper

168 100

99 50.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

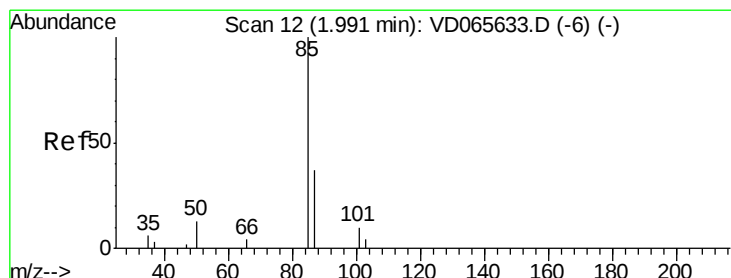
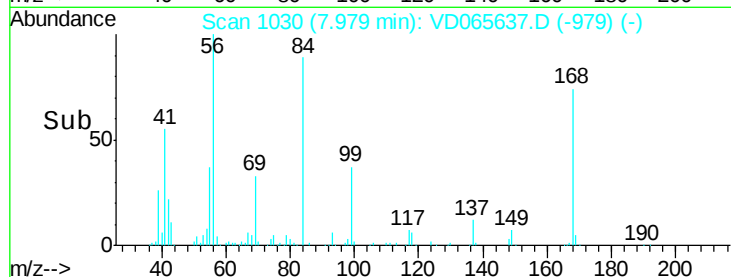
100000

50000

0

Time-->

7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 92.897 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065637.D

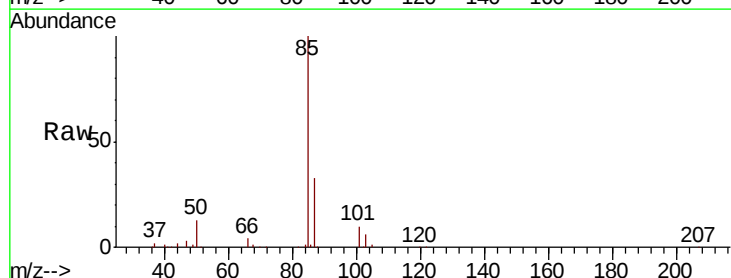
Acq: 15 Apr 2020 16:00

Tgt Ion: 85 Resp: 215327

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

150000

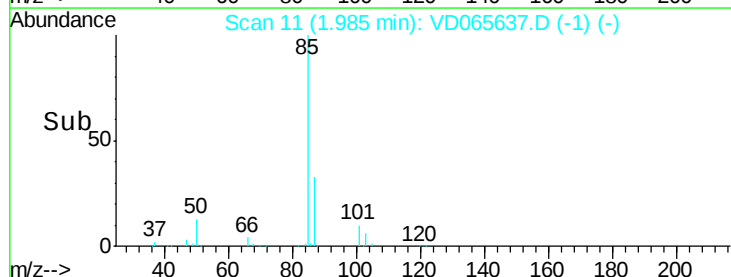
100000

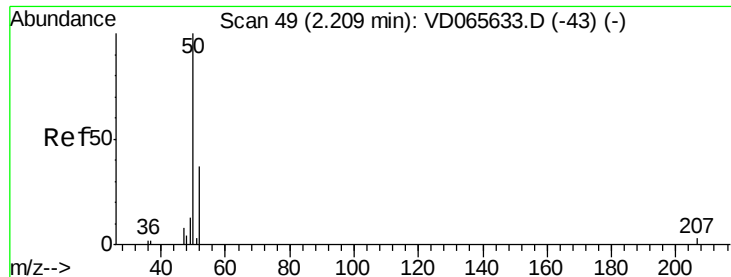
50000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 79.945 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

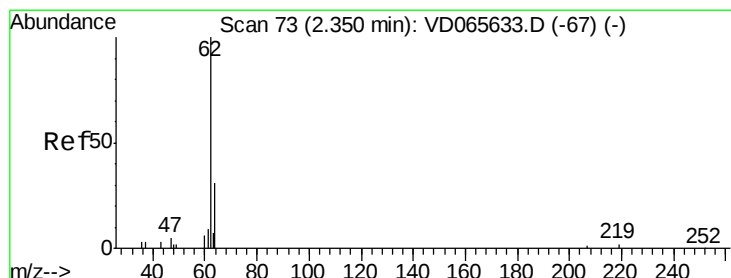
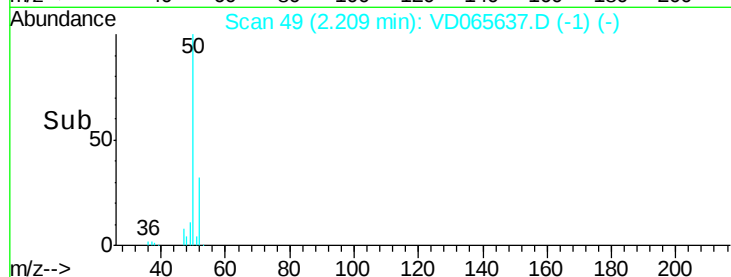
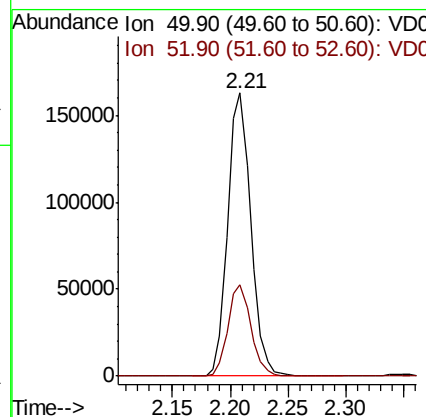
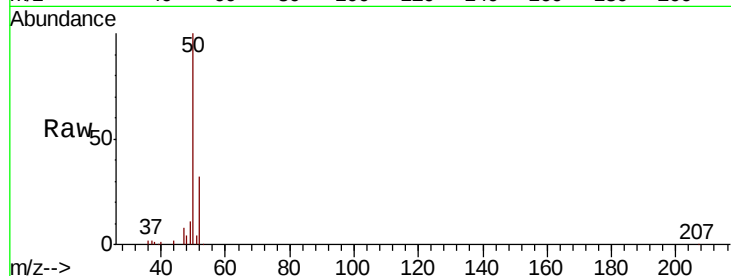
VSTDIC100

Tot Ion: 50 Resp: 226182

Ion Ratio Lower Upper

50 100

52 32.1 25.7 38.5



#4

Vinyl Chloride

Concen: 91.907 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065637.D

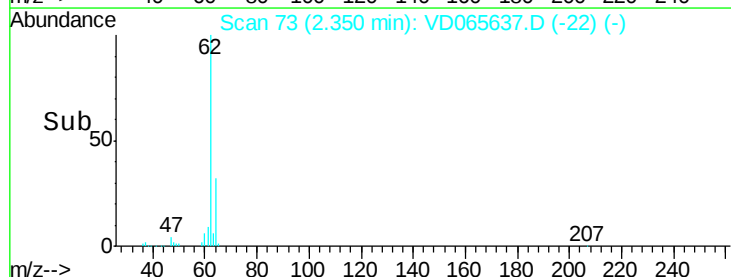
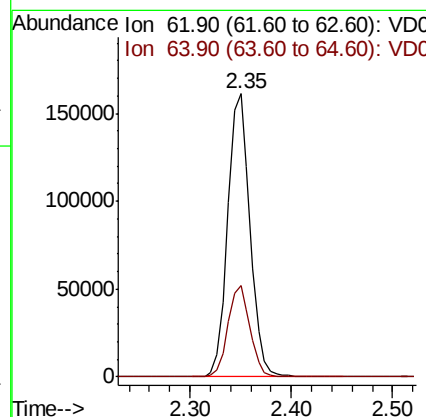
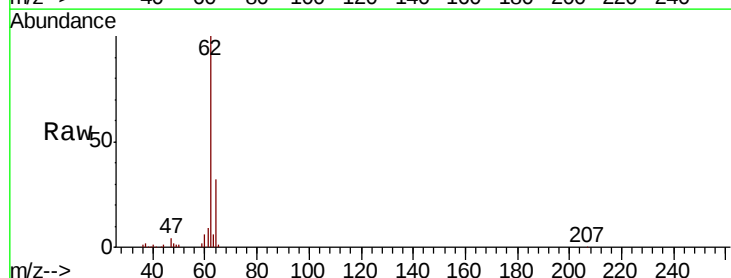
Acq: 15 Apr 2020 16:00

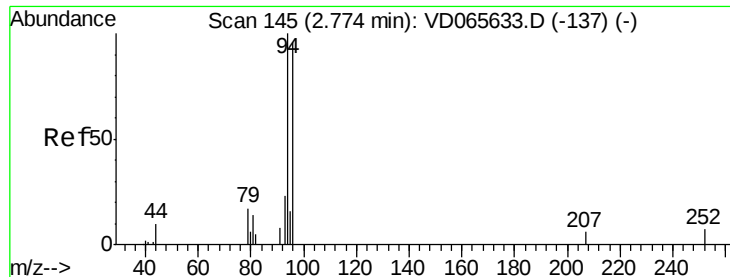
Tgt Ion: 62 Resp: 246236

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 74.097 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

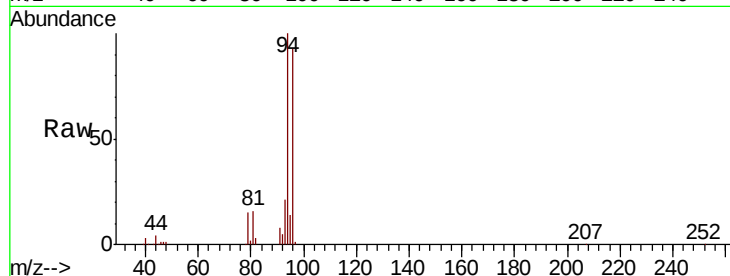
VSTDIC100

Tot Ion: 94 Resp: 135626

Ion Ratio Lower Upper

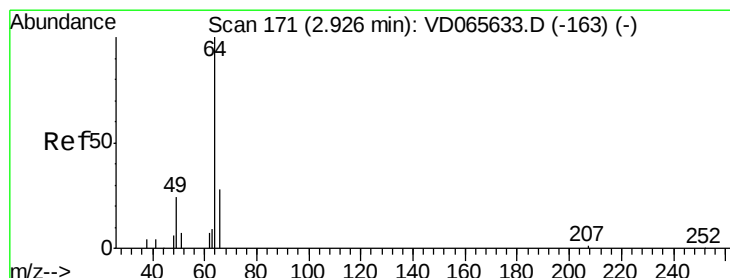
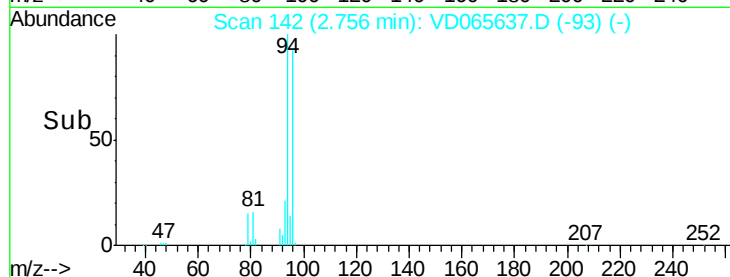
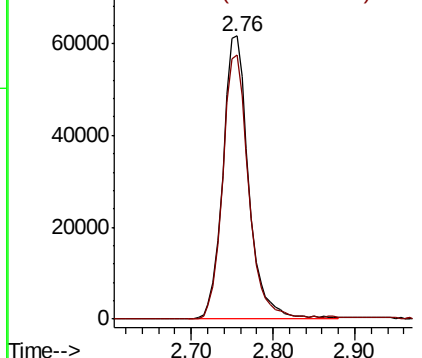
94 100

96 93.2 77.9 116.9



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 86.940 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD065637.D

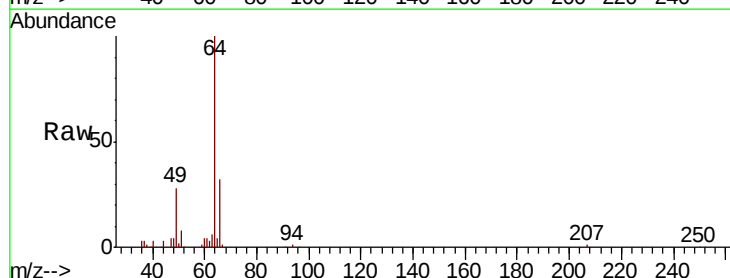
Acq: 15 Apr 2020 16:00

Tgt Ion: 64 Resp: 143407

Ion Ratio Lower Upper

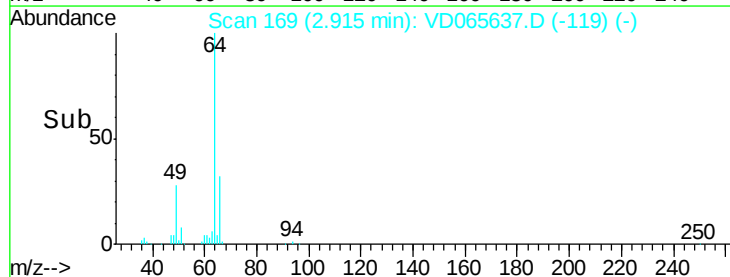
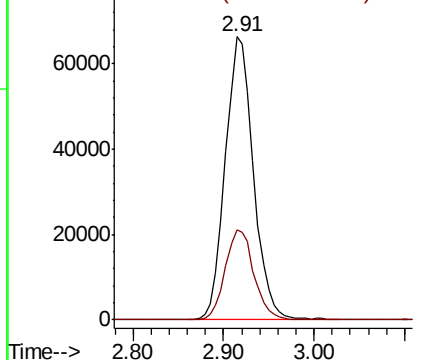
64 100

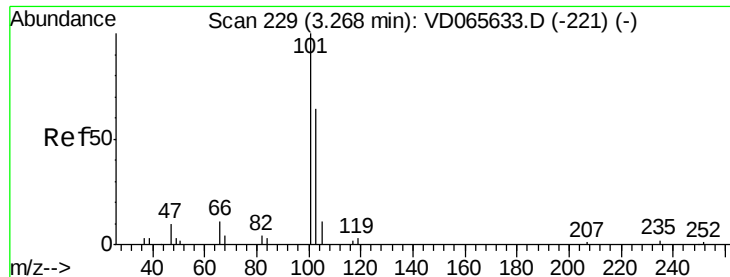
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



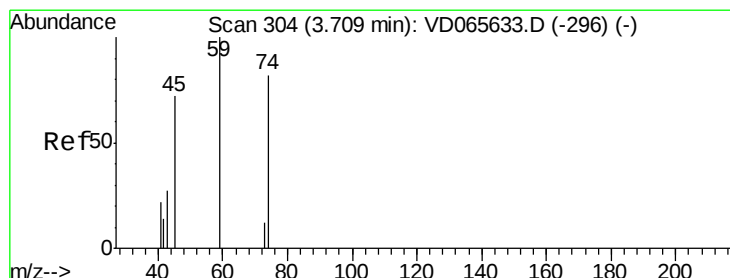
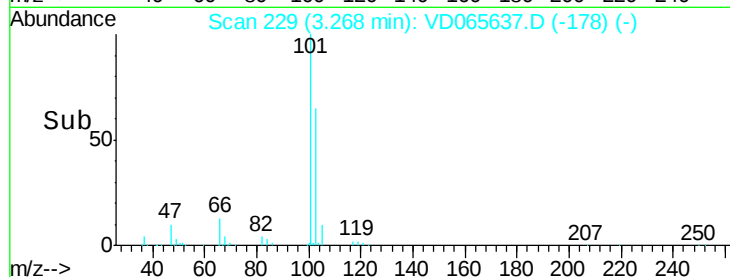
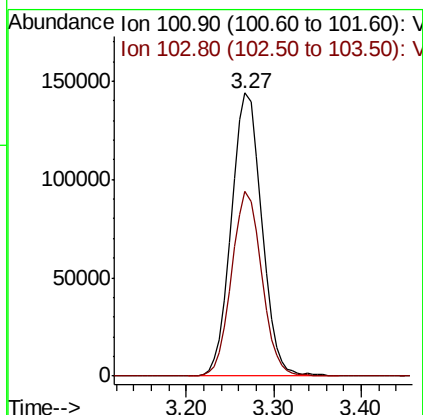
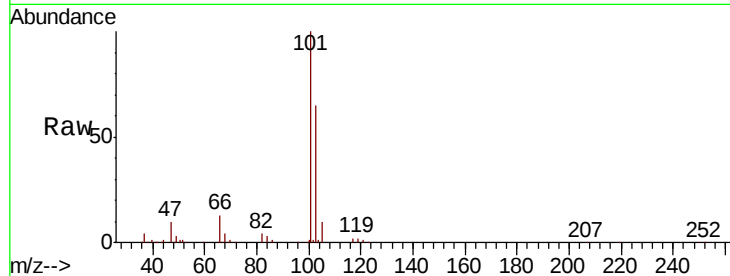


#7

Trichlorofluoromethane
 Concen: 84.055 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

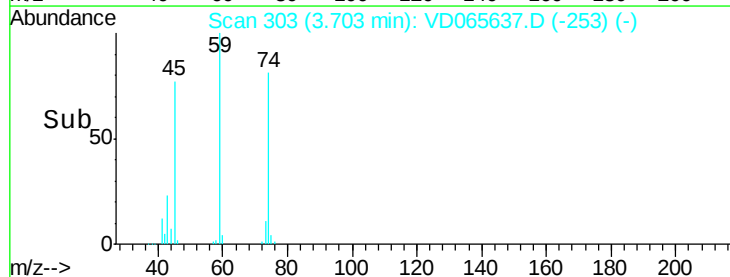
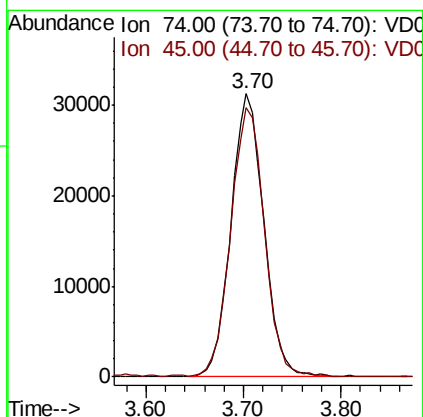
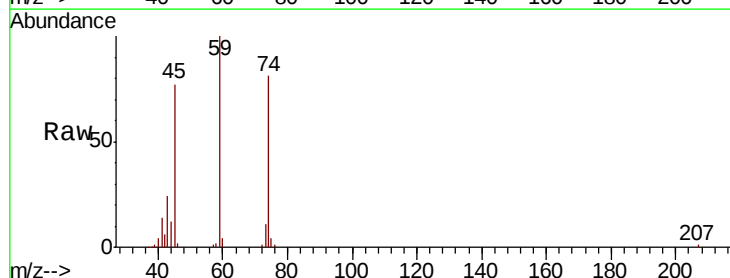
Tot Ion:101 Resp: 339755
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.4

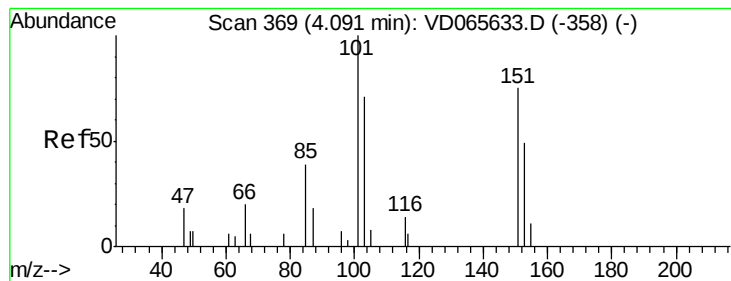


#8

Diethyl Ether
 Concen: 88.299 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 74 Resp: 73324
 Ion Ratio Lower Upper
 74 100
 45 97.8 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.077 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

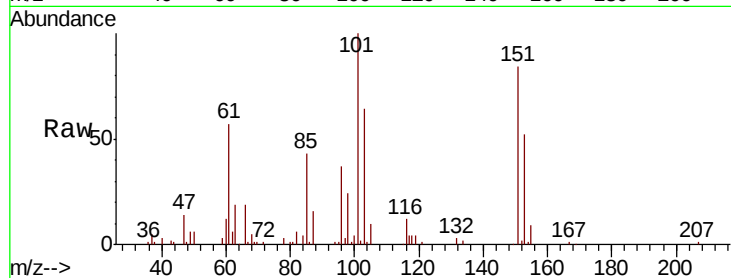
Tot Ion:101 Resp: 162310

Ion Ratio Lower Upper

101 100

85 43.4 36.2 54.2

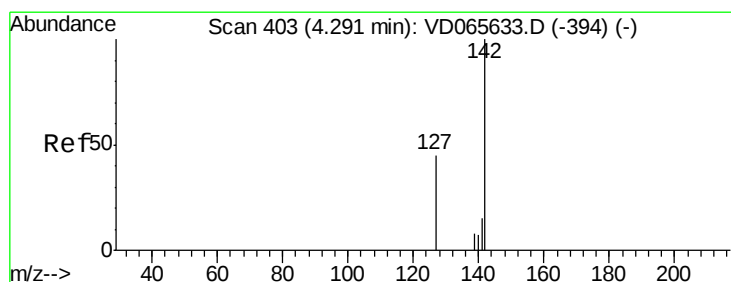
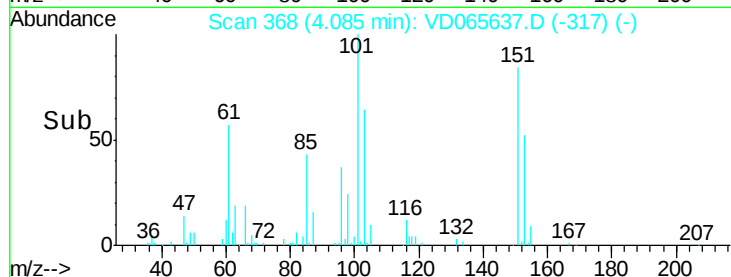
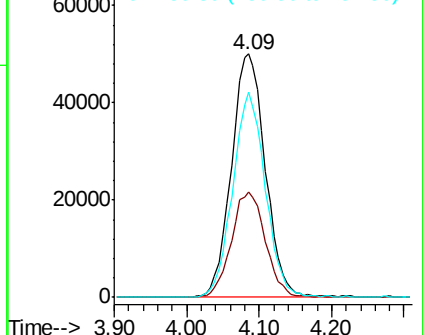
151 80.9 65.6 98.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 125.597 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

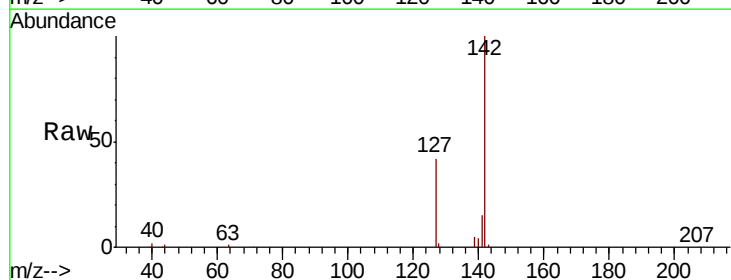
Tgt Ion:142 Resp: 307602

Ion Ratio Lower Upper

142 100

127 42.7 38.1 57.1

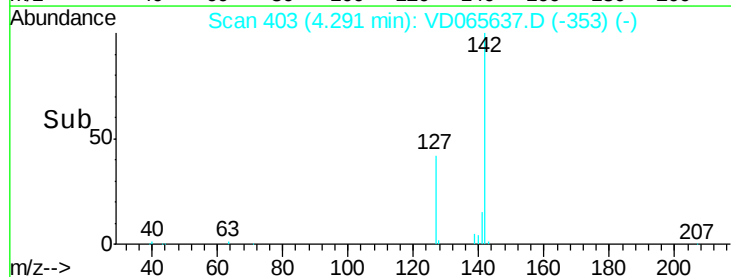
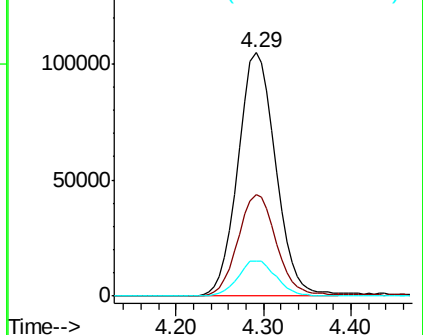
141 14.9 12.1 18.1

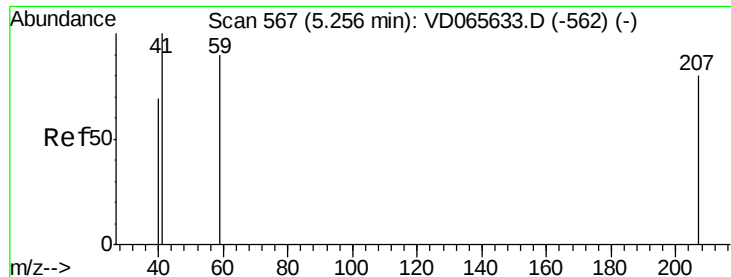


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

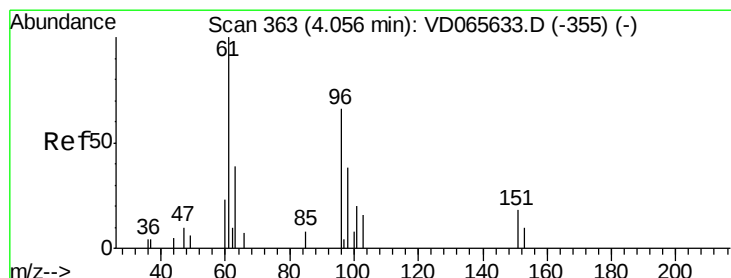
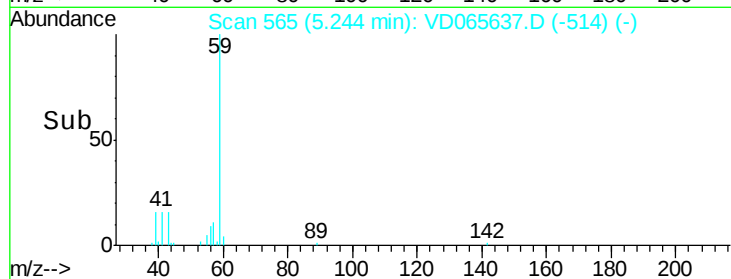
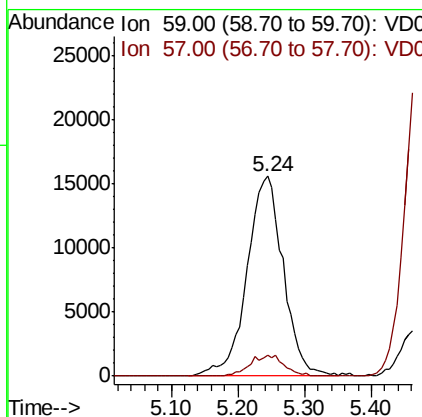
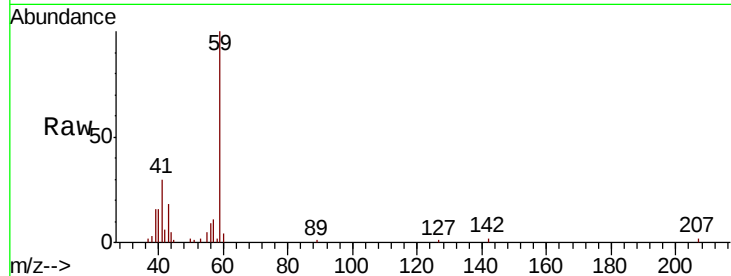




#11
Tert butyl alcohol
Concen: 495.434 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

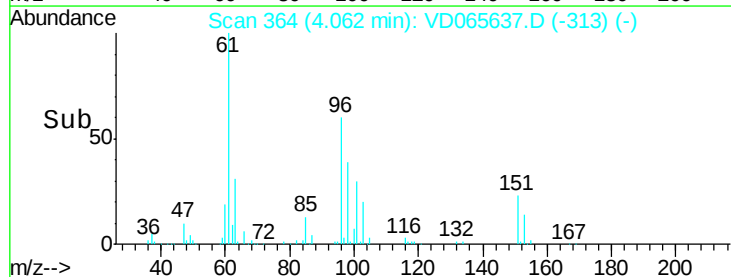
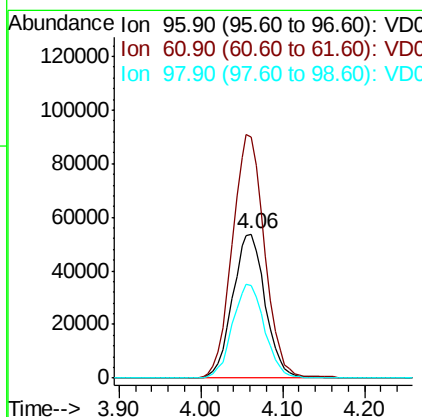
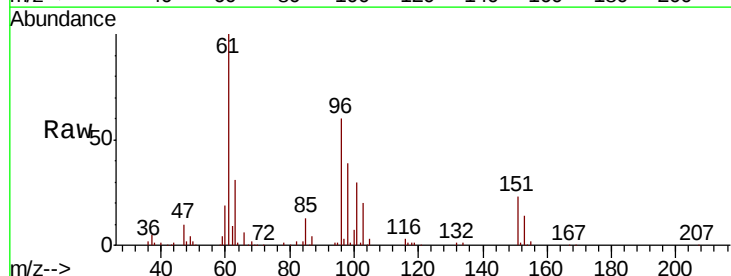
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

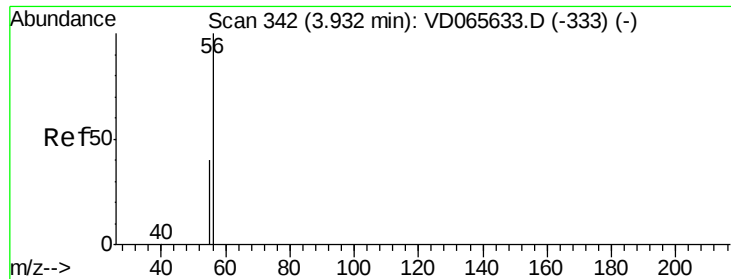
Tot Ion: 59 Resp: 58337
Ion Ratio Lower Upper
59 100
57 9.9 7.4 11.2



#12
1,1-Dichloroethene
Concen: 65.048 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 96 Resp: 149146
Ion Ratio Lower Upper
96 100
61 167.9 136.2 204.2
98 64.8 52.2 78.2





#13

Acrolein

Concen: 316.653 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

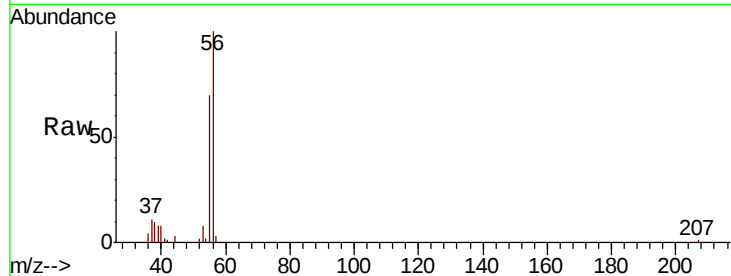
VSTDIC100

Tot Ion: 56 Resp: 51886

Ion Ratio Lower Upper

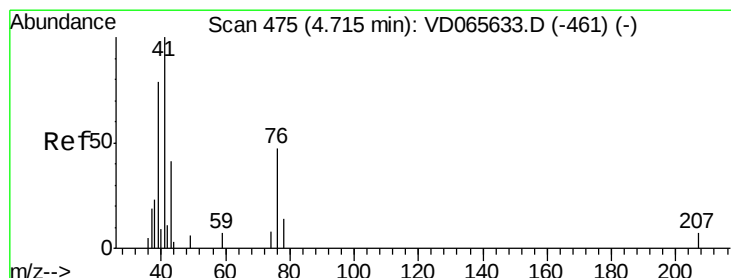
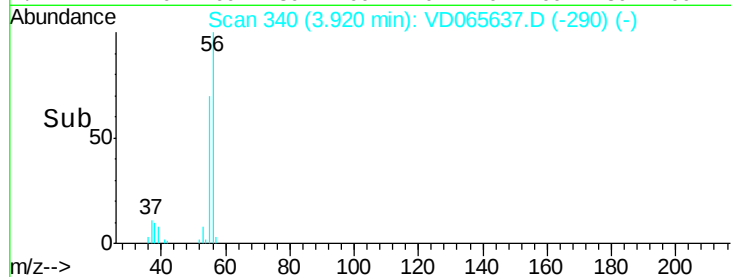
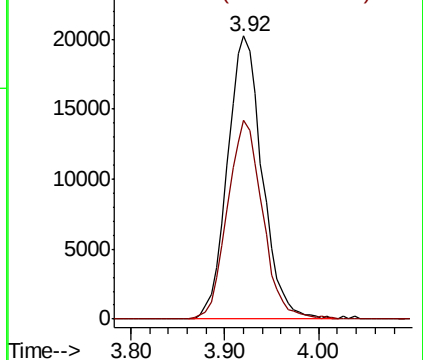
56 100

55 71.1 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 106.258 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

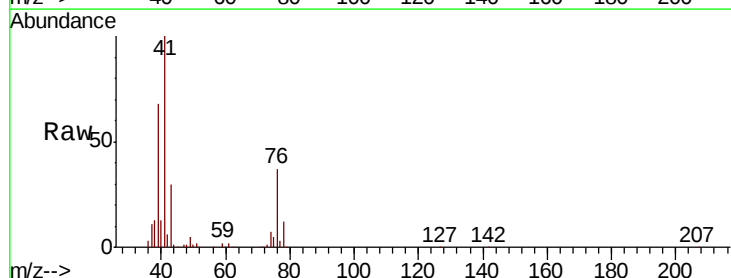
Tgt Ion: 41 Resp: 361731

Ion Ratio Lower Upper

41 100

39 67.1 62.5 93.7

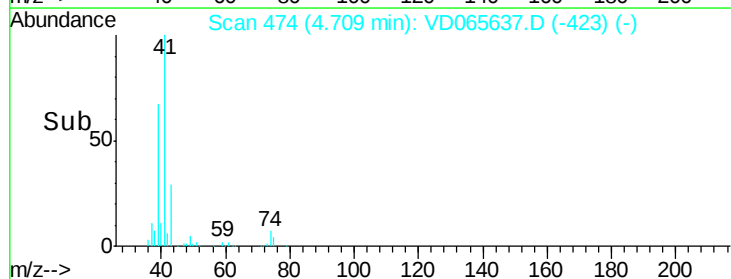
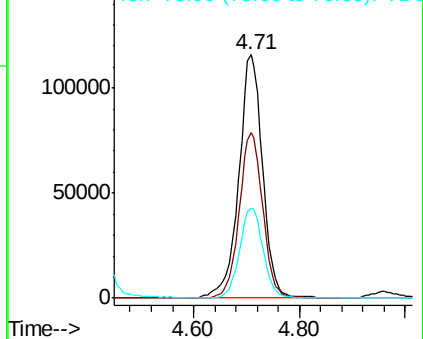
76 36.2 29.1 43.7

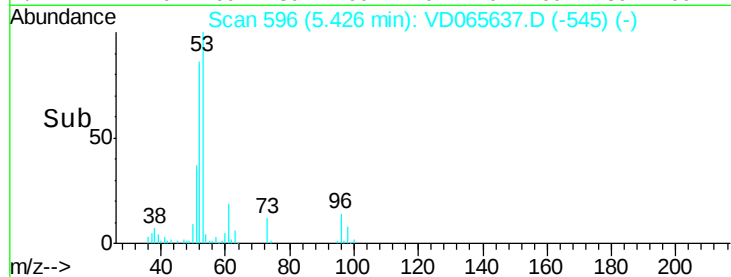
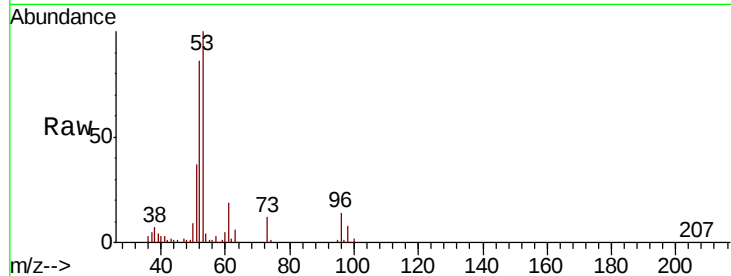
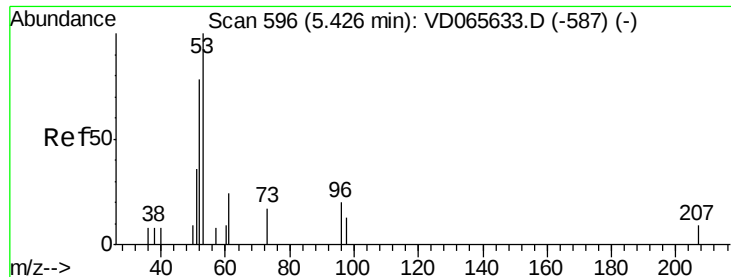


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 511.499 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

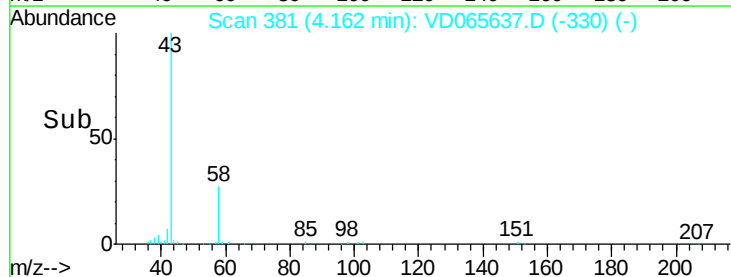
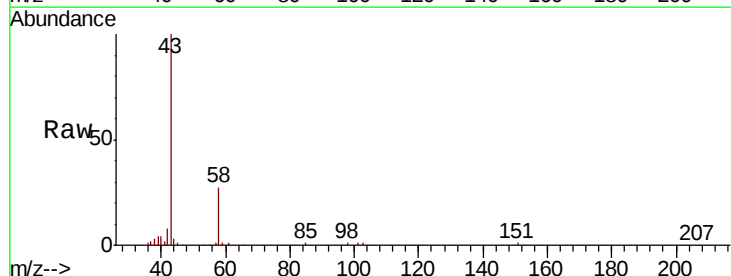
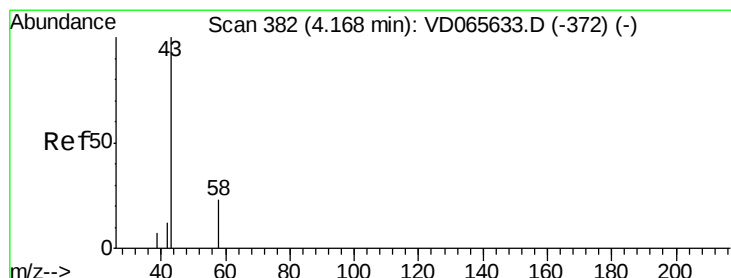
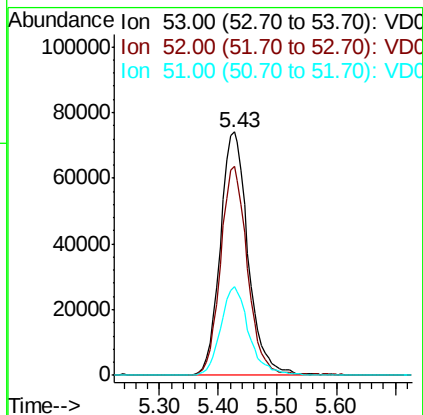
Tot Ion: 53 Resp: 243636

Ion Ratio Lower Upper

53 100

52 82.6 65.8 98.6

51 36.8 30.9 46.3



#16

Acetone

Concen: 343.136 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.00 min

Lab File: VD065637.D

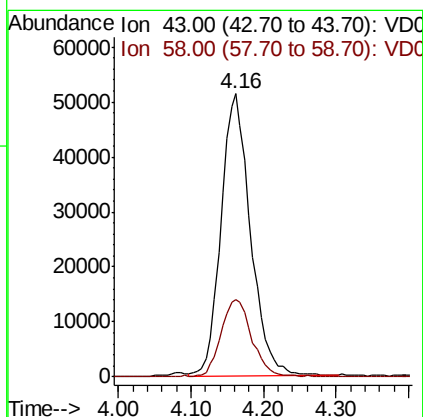
Acq: 15 Apr 2020 16:00

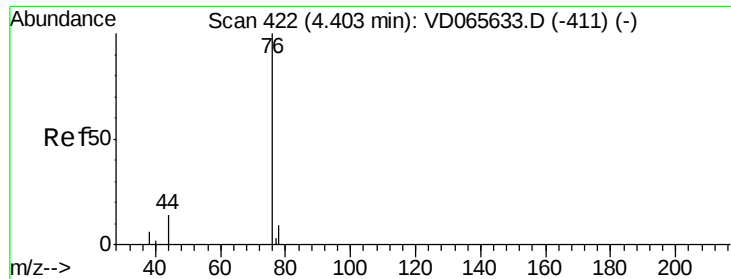
Tgt Ion: 43 Resp: 145505

Ion Ratio Lower Upper

43 100

58 27.6 22.9 34.3

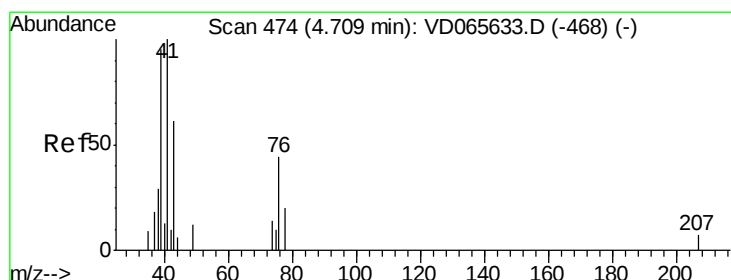
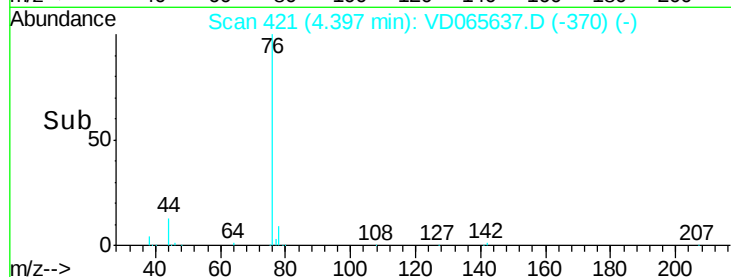
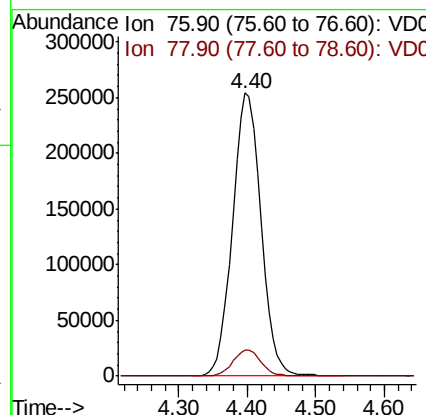
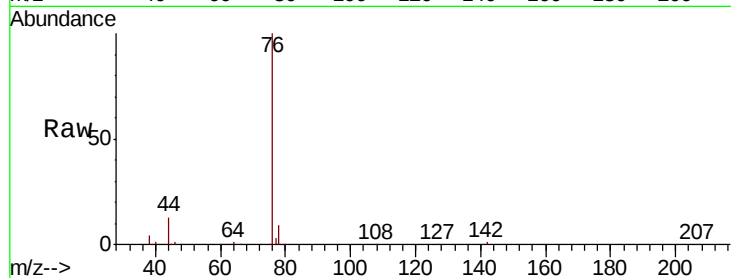




#17
Carbon Disulfide
Concen: 96.342 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

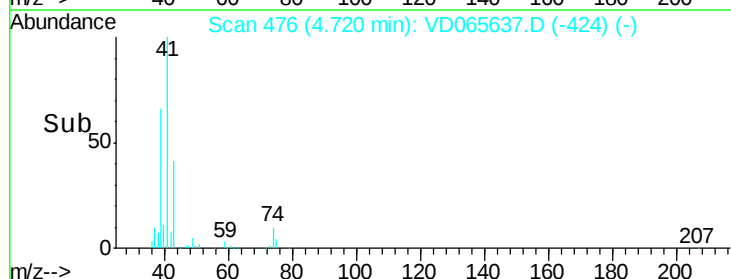
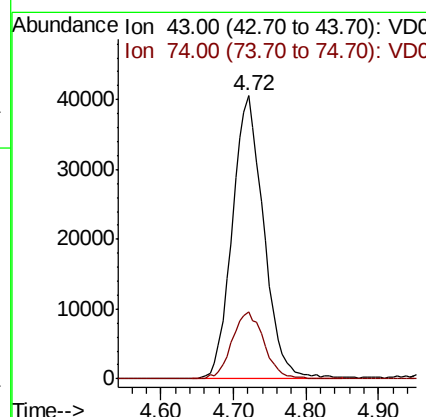
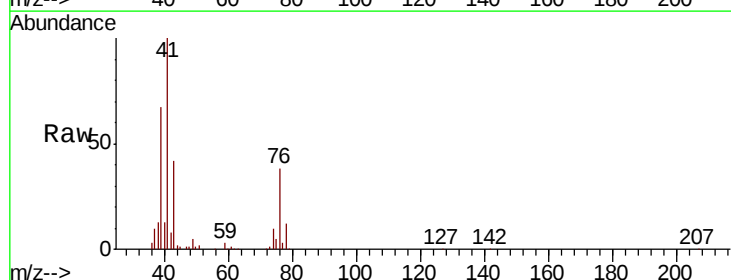
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

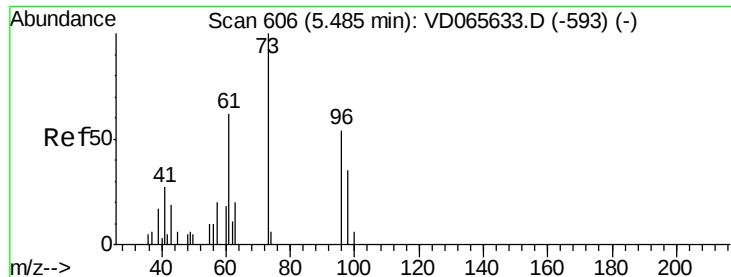
Tot Ion: 76 Resp: 734552
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 99.208 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 43 Resp: 122317
Ion Ratio Lower Upper
43 100
74 24.0 18.6 28.0

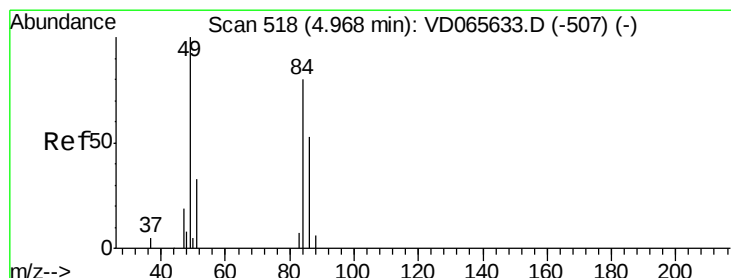
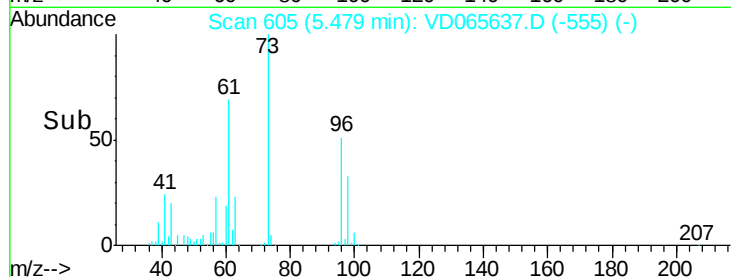
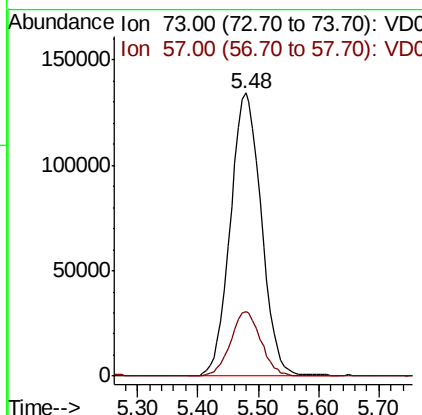
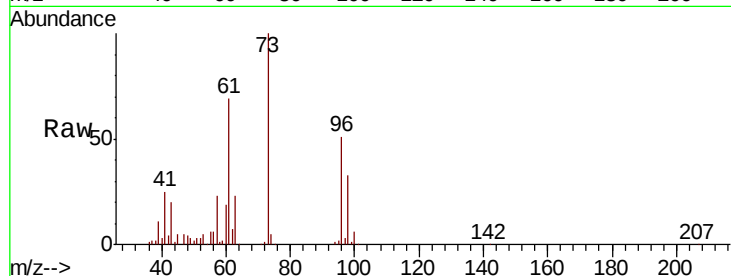




#19
Methvl tert-butvl Ether
Concen: 106.110 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.01 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

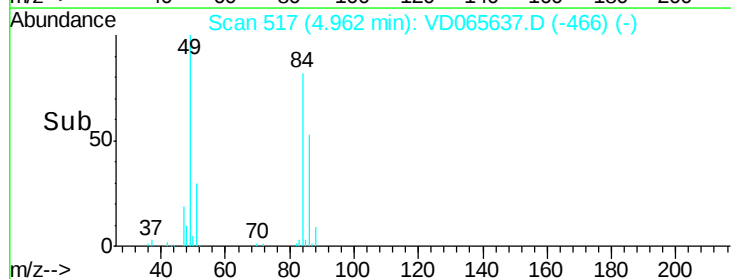
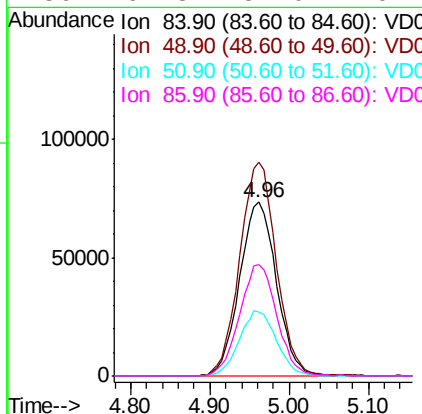
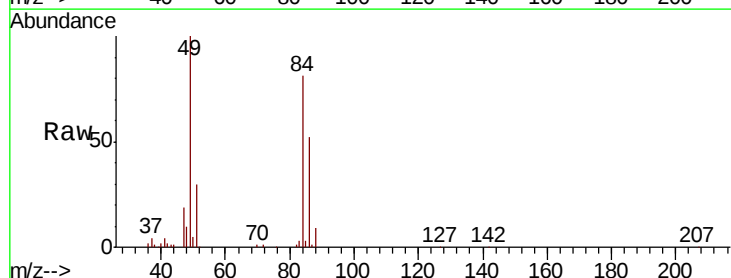
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

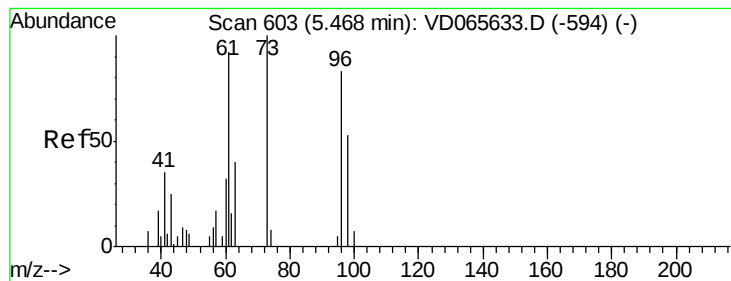
Tot Ion: 73 Resp: 479147
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: 86.432 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 84 Resp: 237629
Ion Ratio Lower Upper
84 100
49 123.1 102.0 153.0
51 36.9 30.8 46.2
86 64.3 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 97.223 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

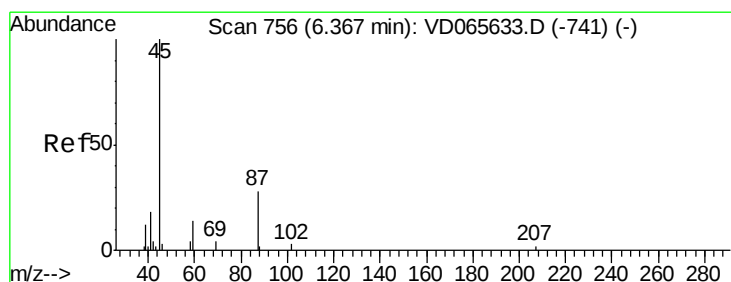
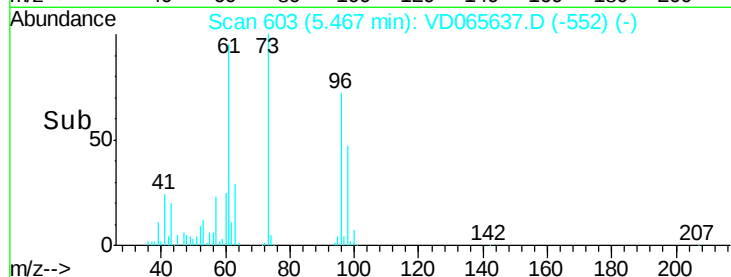
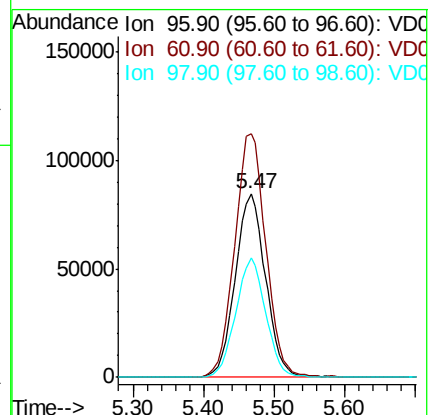
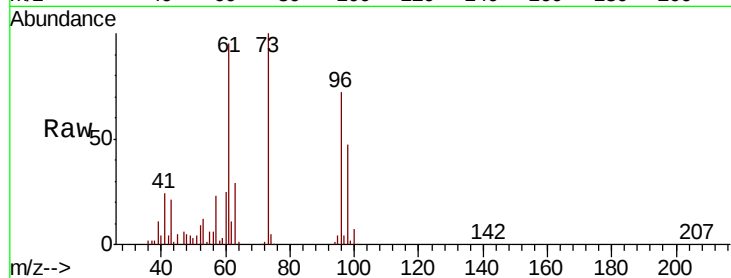
Tot Ion: 96 Resp: 253397

Ion Ratio Lower Upper

96 100

61 132.7 102.6 153.8

98 64.9 49.4 74.0



#22

Diisopropyl ether

Concen: 101.066 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 45 Resp: 716789

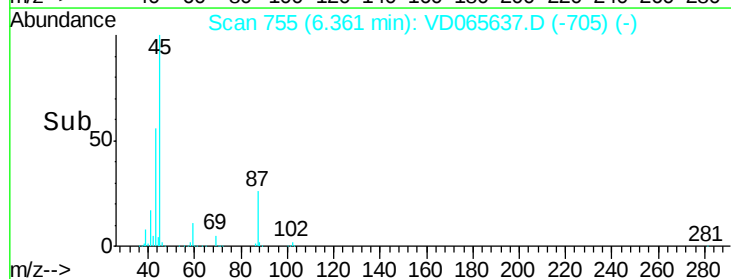
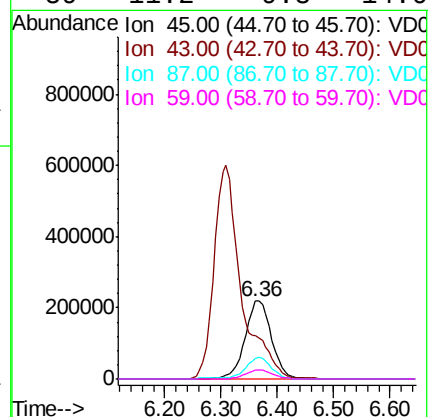
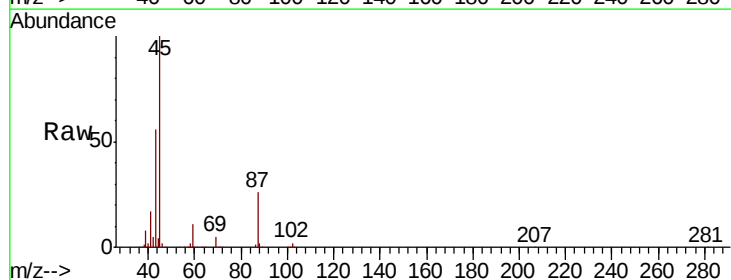
Ion Ratio Lower Upper

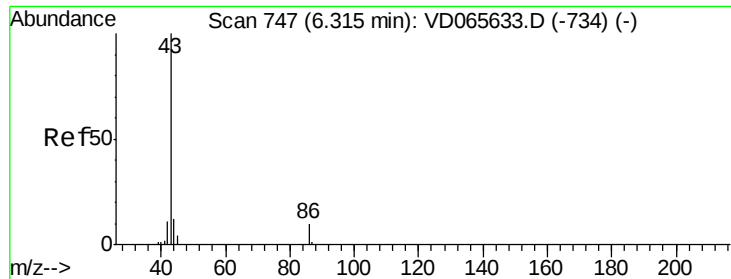
45 100

43 55.6 42.2 63.2

87 26.1 22.1 33.1

59 11.2 9.8 14.6





#23

Vinyl Acetate

Concen: 531.611 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

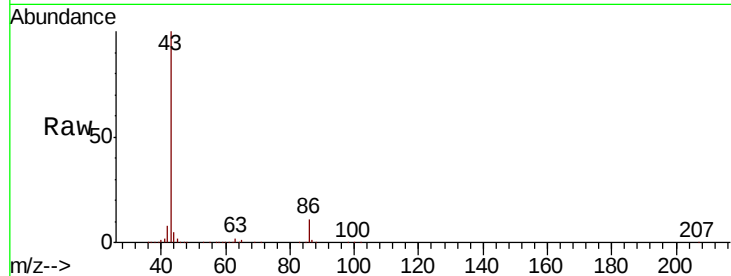
VSTDIC100

Tot Ion: 43 Resp: 2010951

Ion Ratio Lower Upper

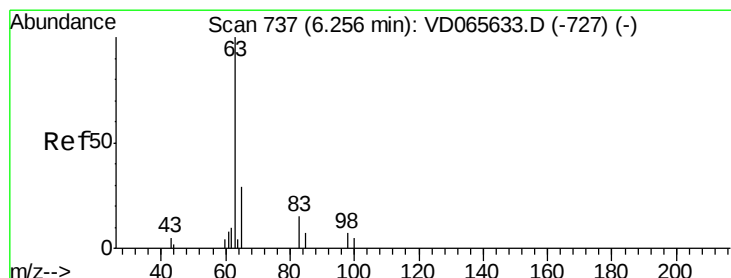
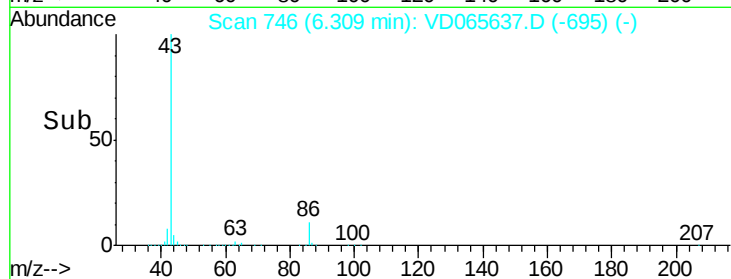
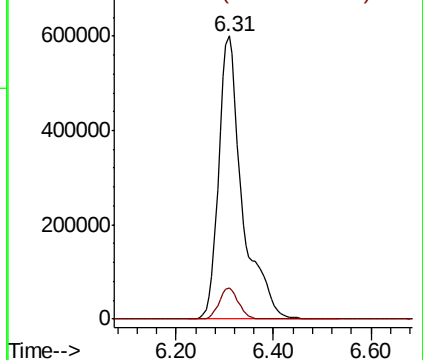
43 100

86 11.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 89.269 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

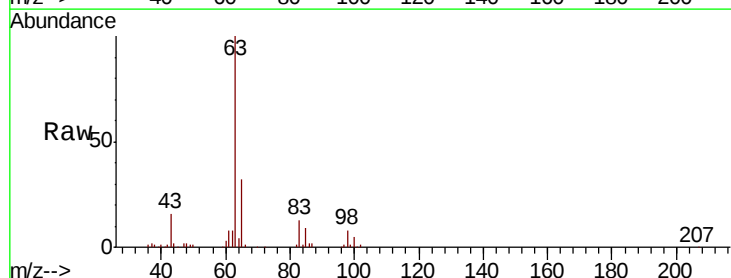
Tgt Ion: 63 Resp: 416311

Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.8

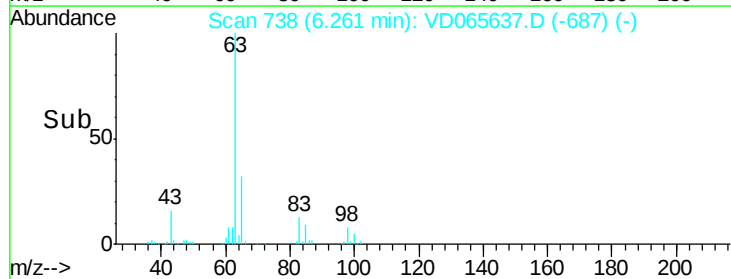
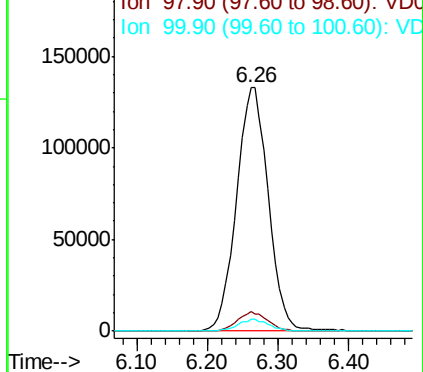
100 4.7 2.4 7.2

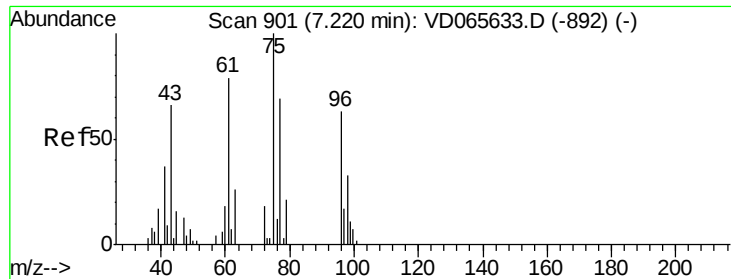


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 477.666 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

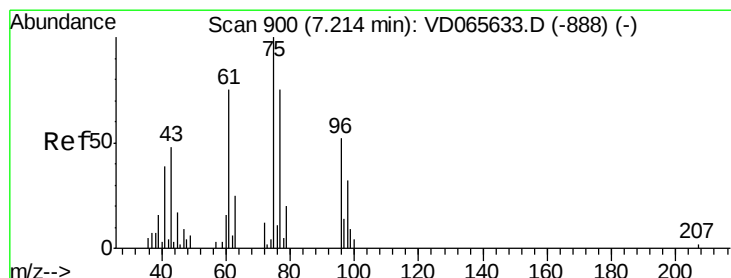
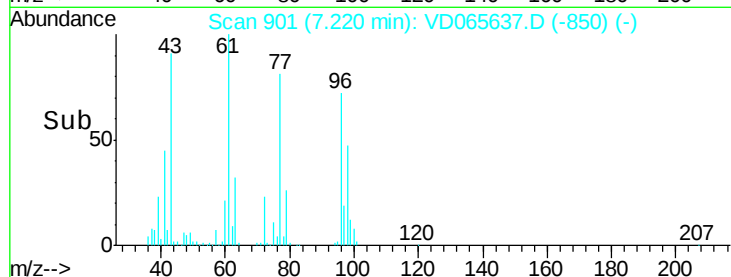
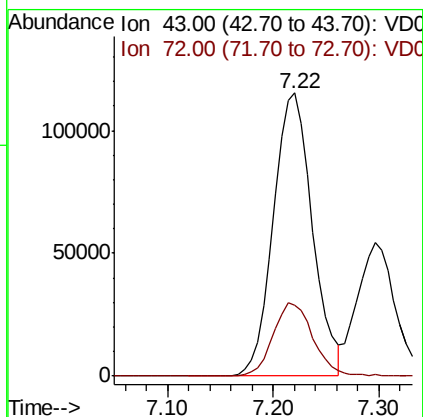
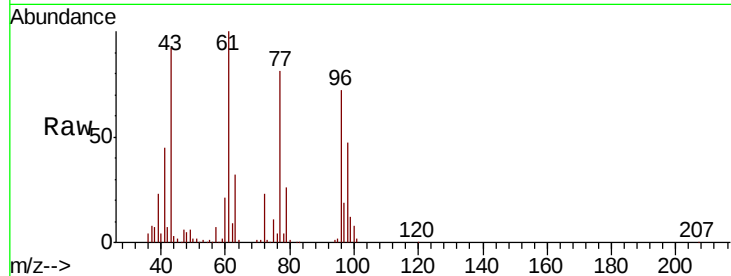
VSTDIC100

Tot Ion: 43 Resp: 295490

Ion Ratio Lower Upper

43 100

72 25.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 87.802 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065637.D

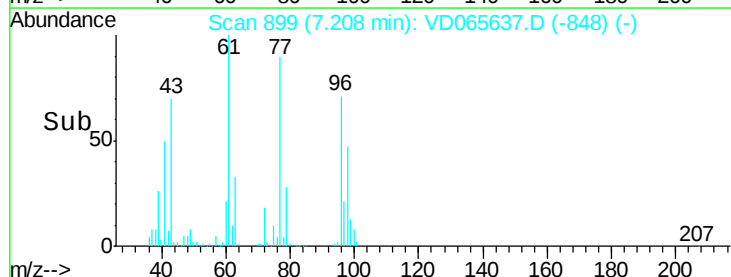
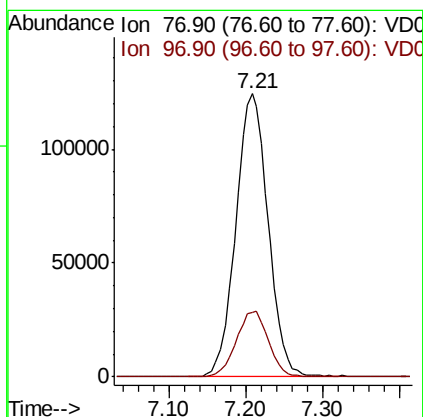
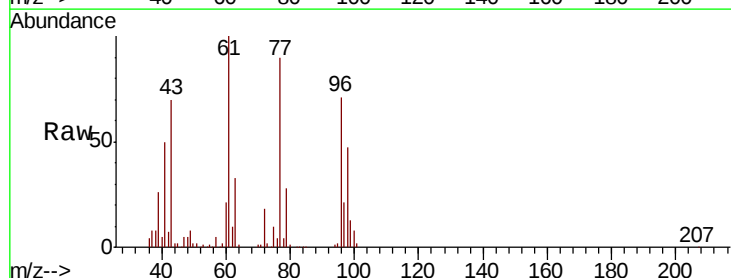
Acq: 15 Apr 2020 16:00

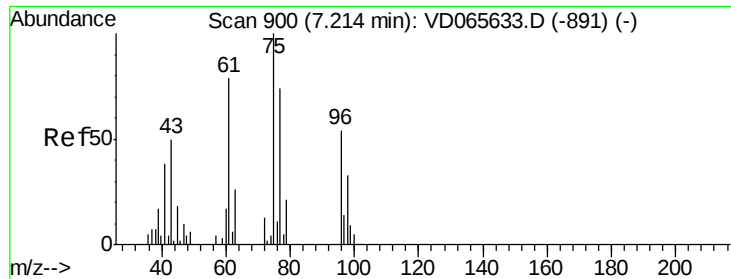
Tgt Ion: 77 Resp: 364717

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.5



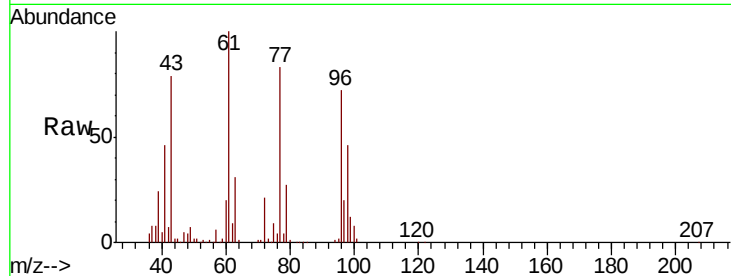


#27

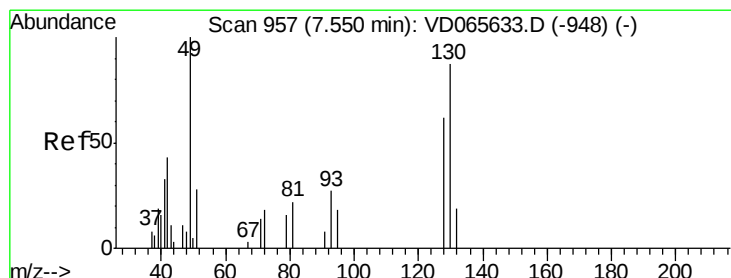
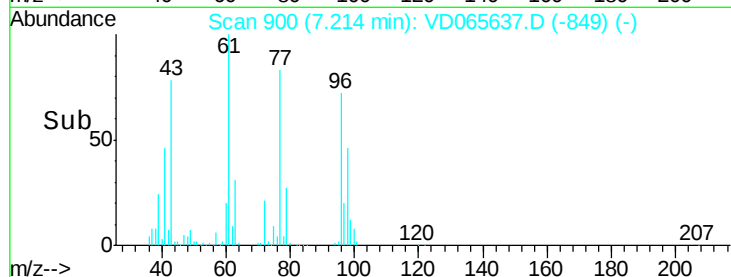
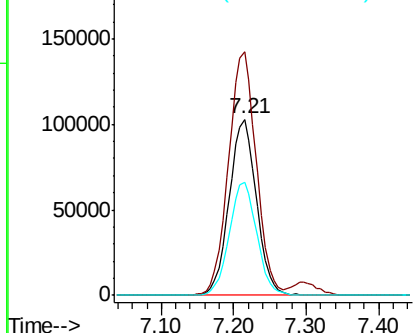
cis-1,2-Dichloroethene
 Concen: 94.763 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 96 Resp: 269760
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 286.2
 98 64.6 0.0 128.0



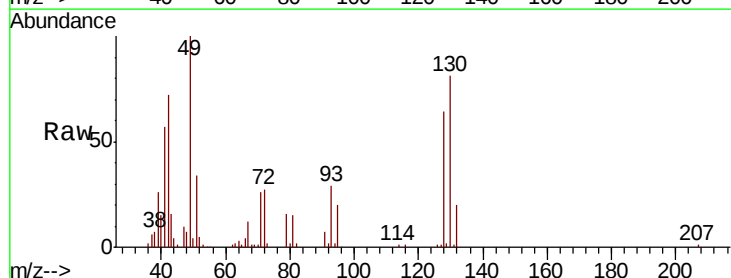
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



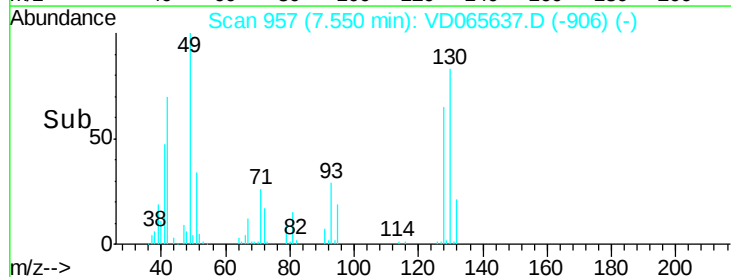
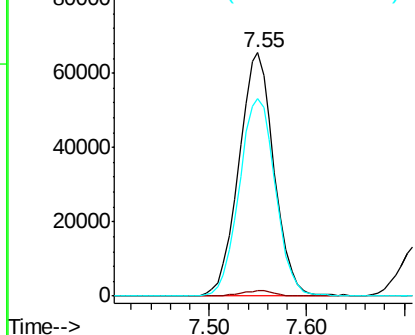
#28

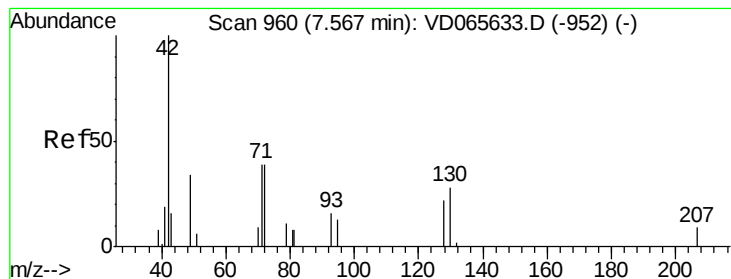
Bromochloromethane
 Concen: 86.811 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 49 Resp: 164503
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 84.0 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 506.859 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

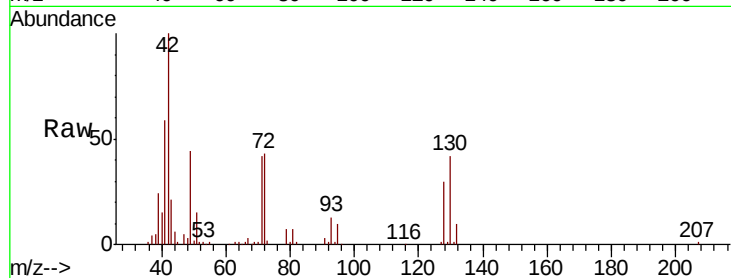
Tot Ion: 42 Resp: 198318

Ion Ratio Lower Upper

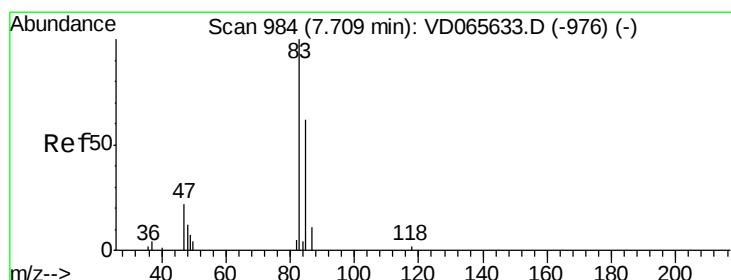
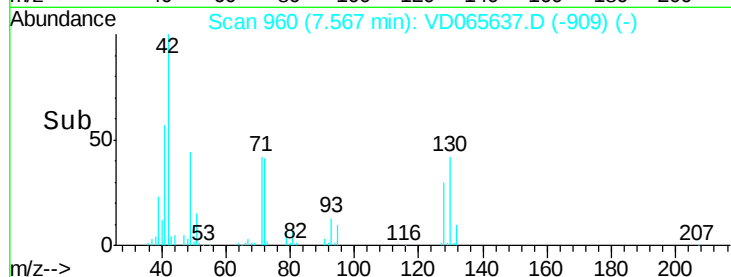
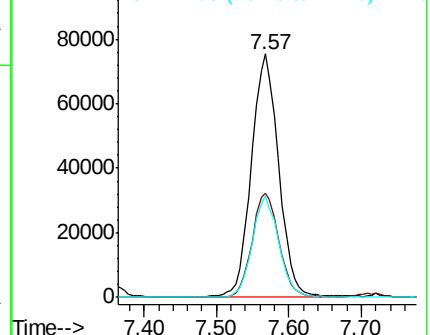
42 100

72 42.0 34.4 51.6

71 39.9 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 86.316 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065637.D

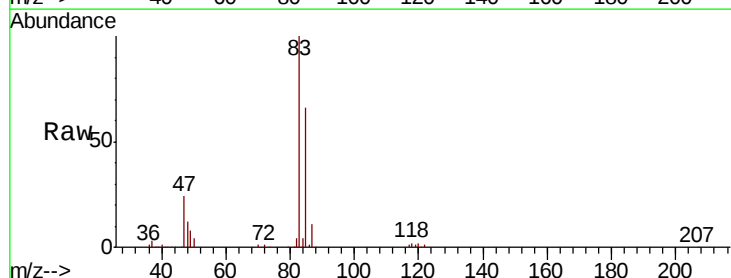
Acq: 15 Apr 2020 16:00

Tgt Ion: 83 Resp: 420746

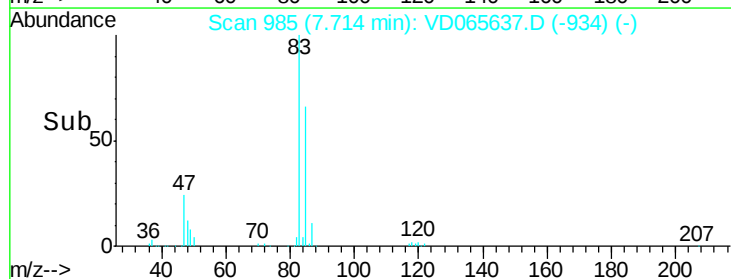
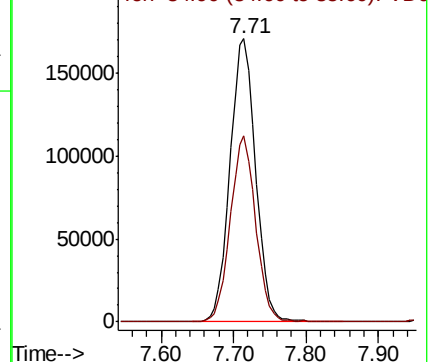
Ion Ratio Lower Upper

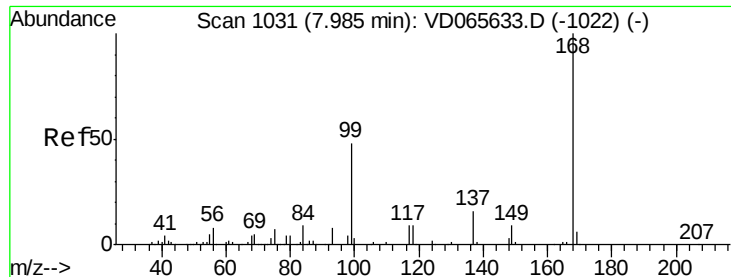
83 100

85 65.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

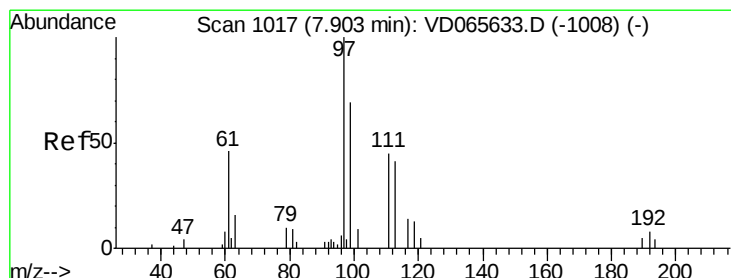
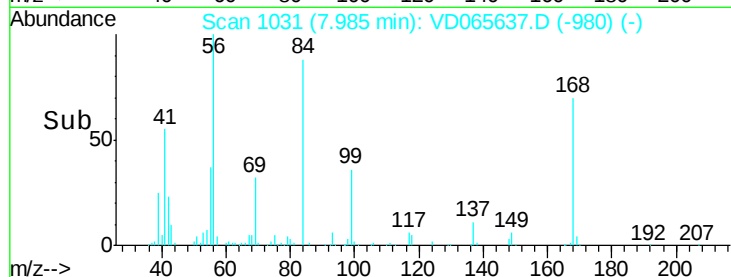
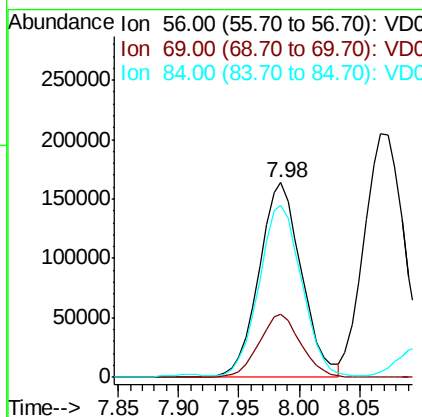
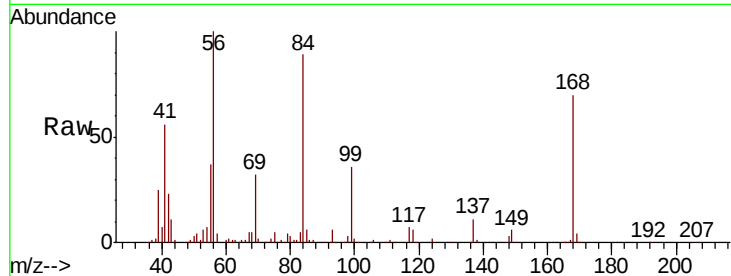




#31
Cyclohexane
Concen: 92.169 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

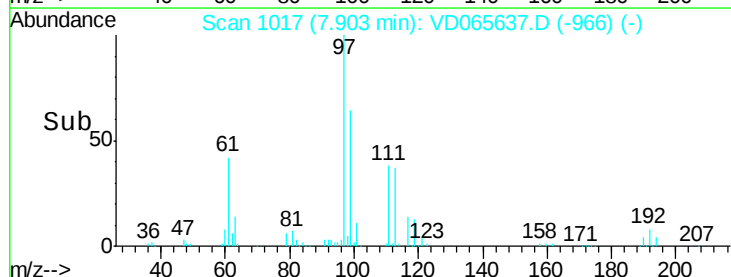
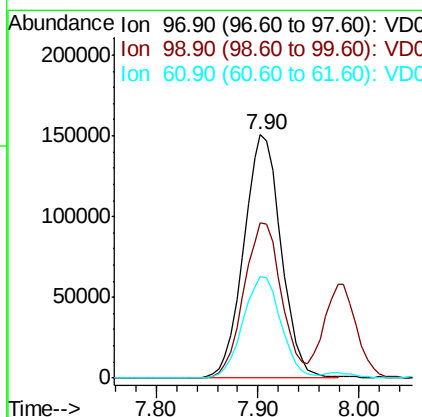
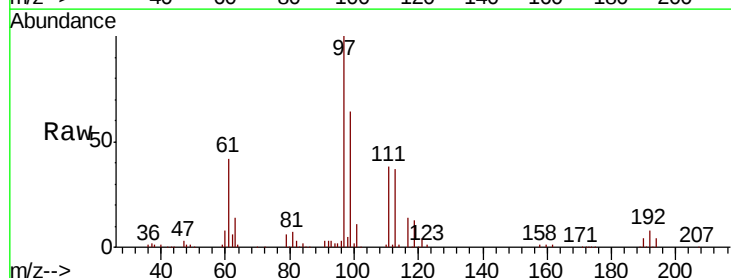
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

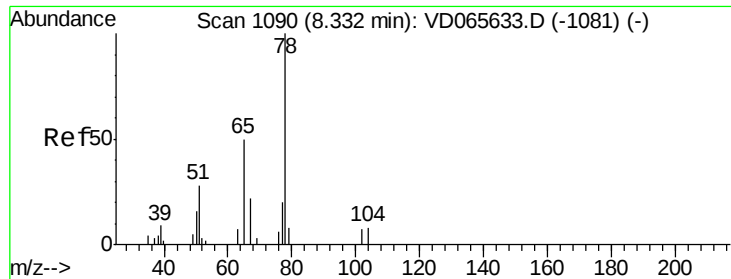
Tot Ion: 56 Resp: 401260
Ion Ratio Lower Upper
56 100
69 32.2 26.6 40.0
84 87.3 75.3 112.9



#32
1,1,1-Trichloroethane
Concen: 87.538 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 97 Resp: 383783
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 42.6 34.8 52.2

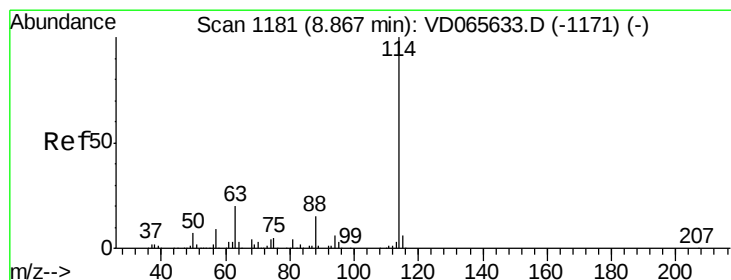
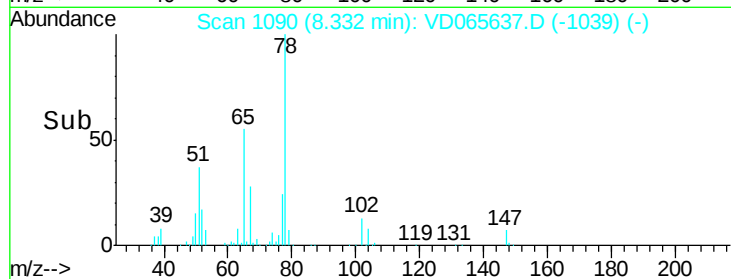
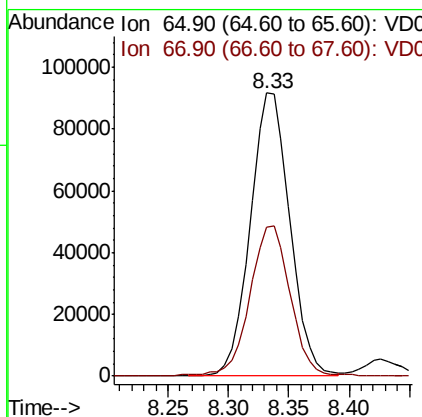
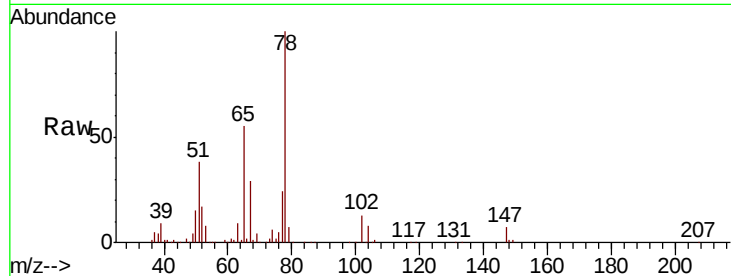




#33
 1,2-Dichloroethane-d4
 Concen: 85.309 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

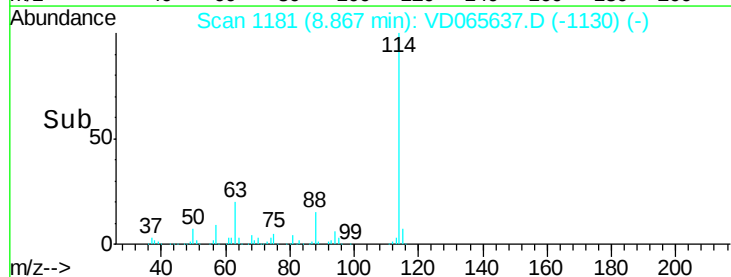
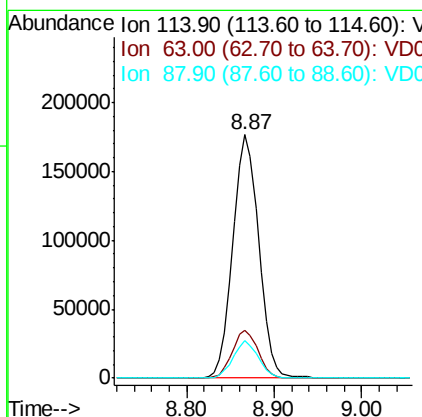
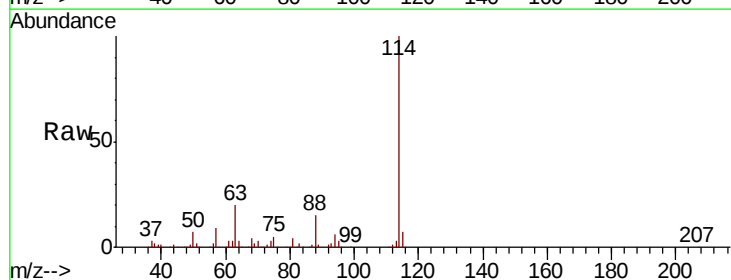
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

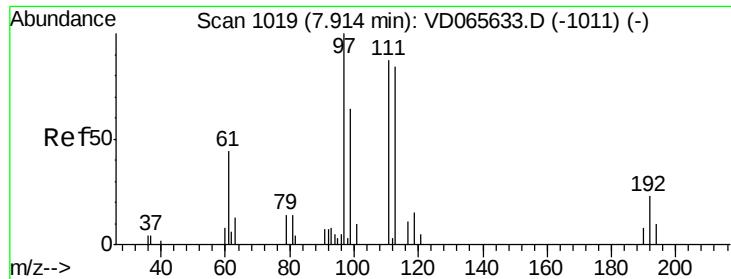
Tot Ion: 65 Resp: 208673
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 114 Resp: 354754
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.8
 88 15.3 0.0 31.6

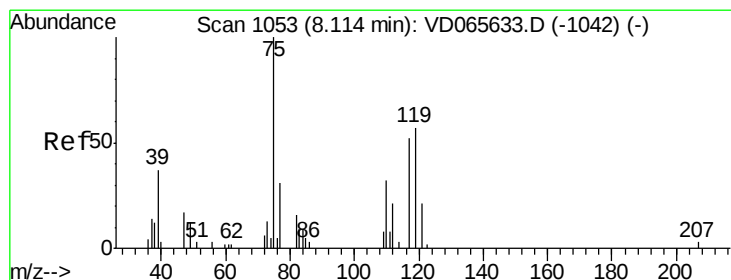
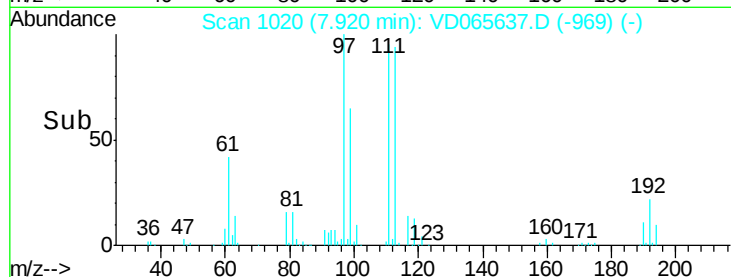
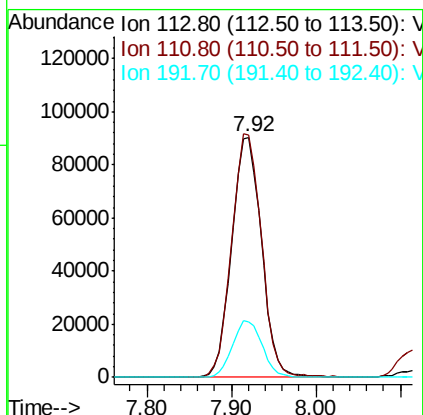
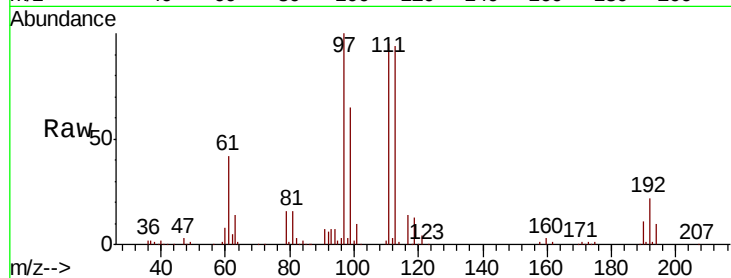




#35
Dibromofluoromethane
Concen: 90.260 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

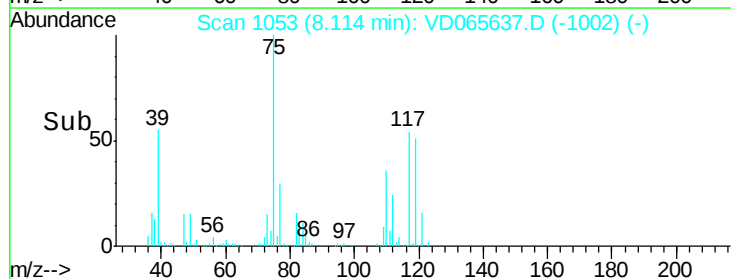
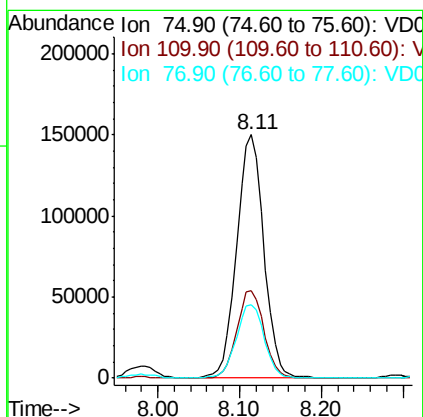
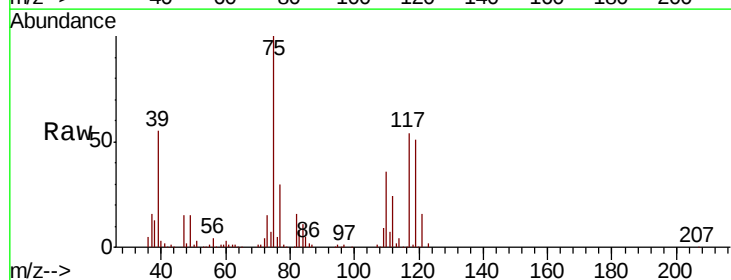
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

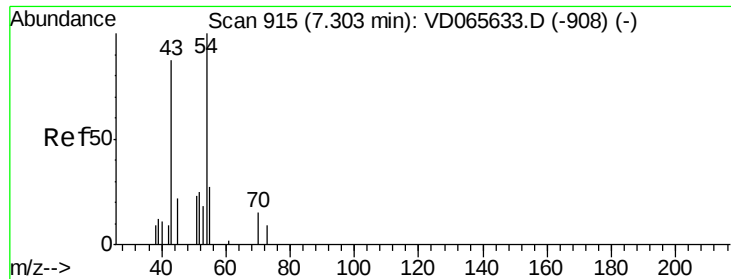
Tot Ion:113 Resp: 219810
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 23.2 18.9 28.3



#36
1,1-Dichloropropene
Concen: 96.147 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 75 Resp: 345632
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 31.5 24.6 37.0





#37

Ethyl Acetate

Concen: 98.850 ug/l

RT: 7.30 min Scan# 914

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

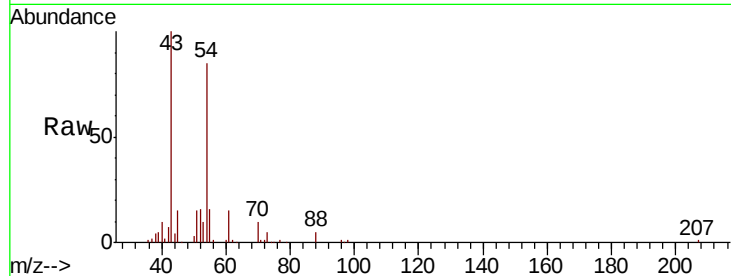
Tot Ion: 43 Resp: 137651

Ion Ratio Lower Upper

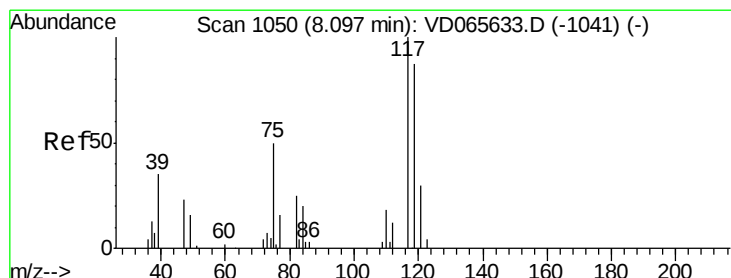
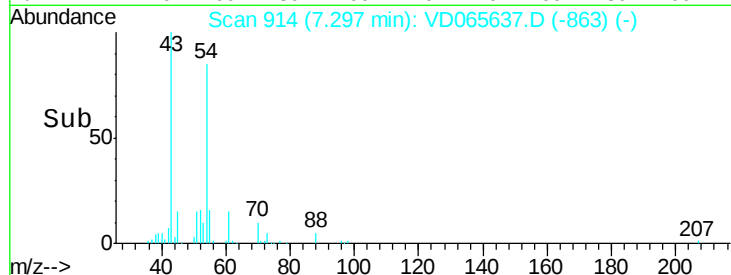
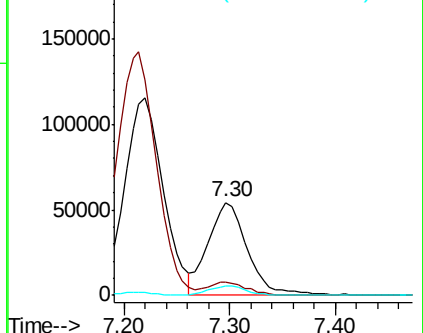
43 100

61 13.9 10.9 16.3

70 9.8 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 92.337 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

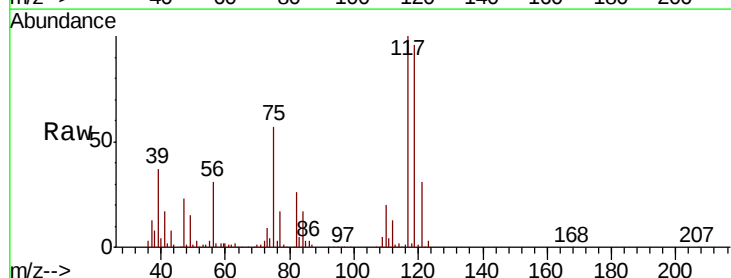
Tgt Ion: 117 Resp: 360616

Ion Ratio Lower Upper

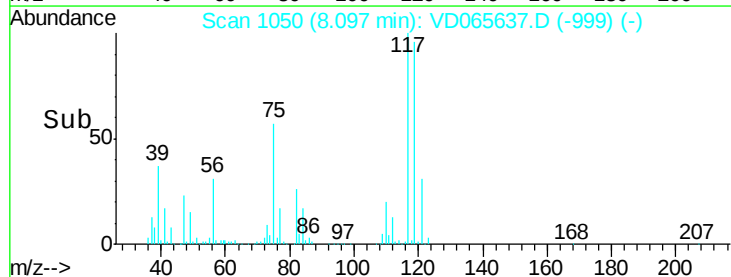
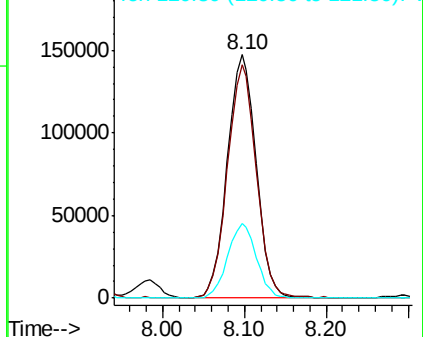
117 100

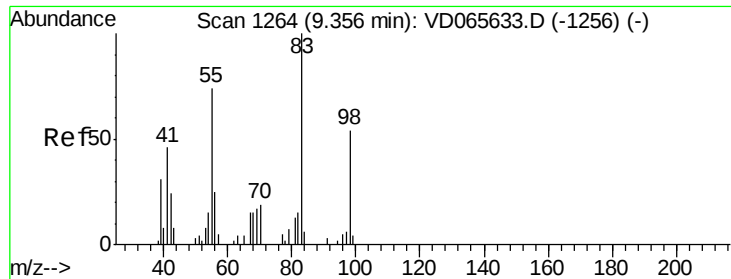
119 96.2 75.3 112.9

121 30.8 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

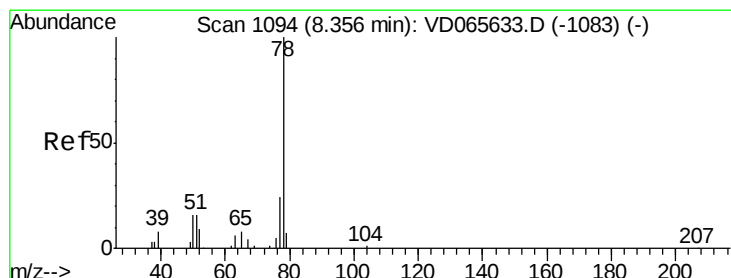
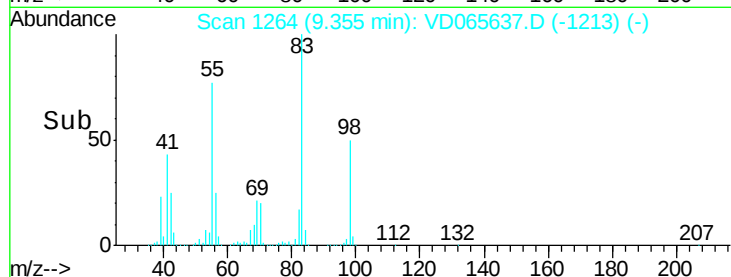
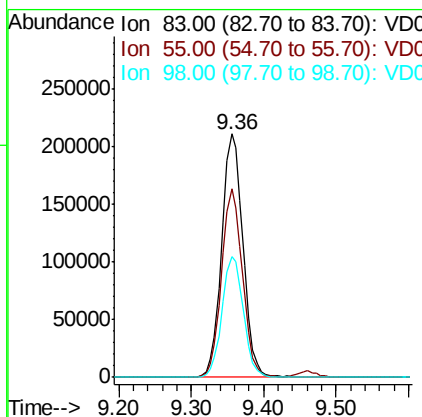
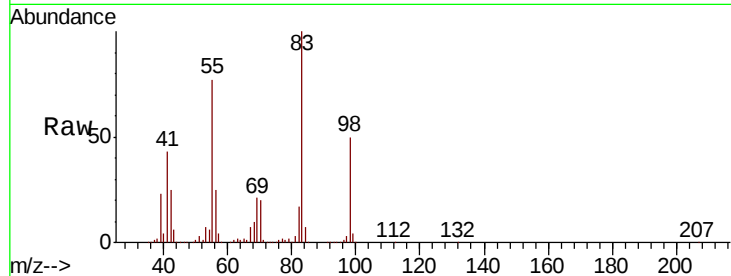




#39
Methvlcvclohexane
Concen: 106.240 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

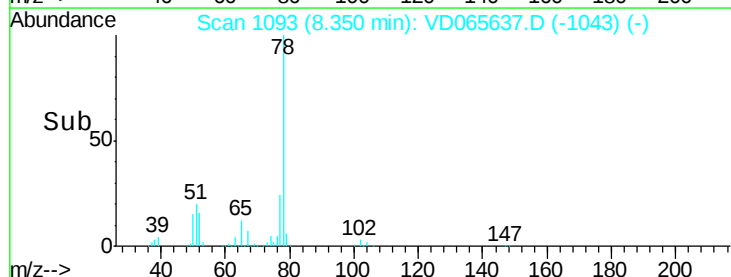
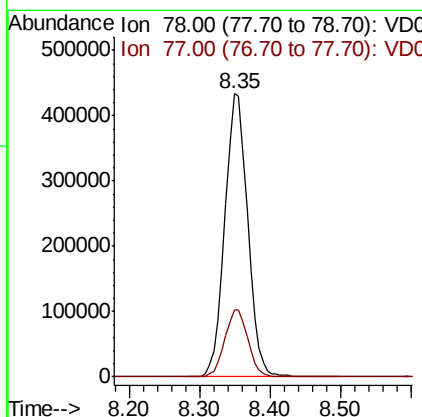
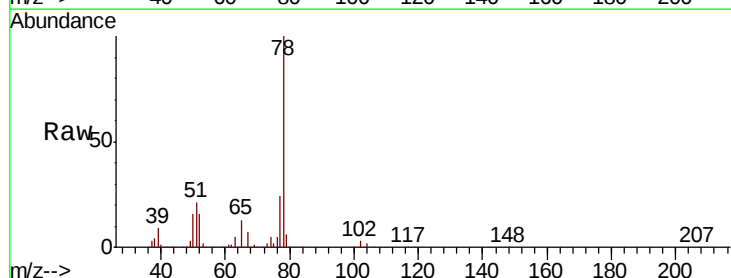
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

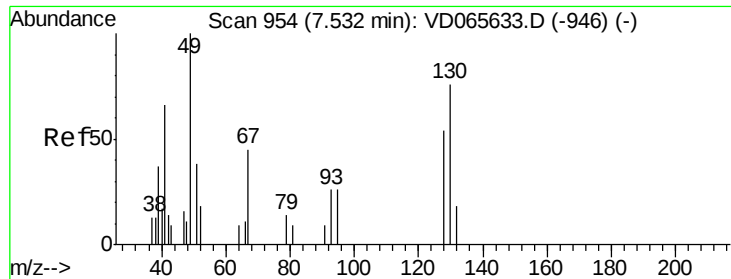
Tot Ion: 83 Resp: 432310
Ion Ratio Lower Upper
83 100
55 77.4 62.3 93.5
98 49.8 40.5 60.7



#40
Benzene
Concen: 95.319 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 78 Resp: 982020
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3

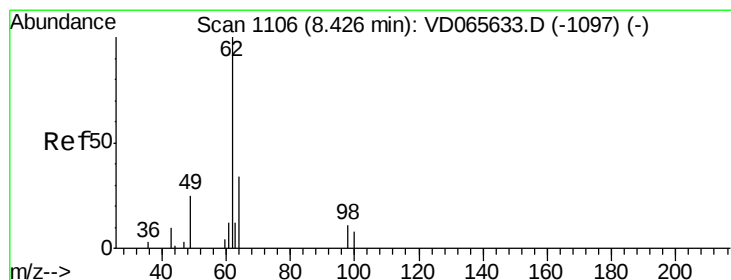
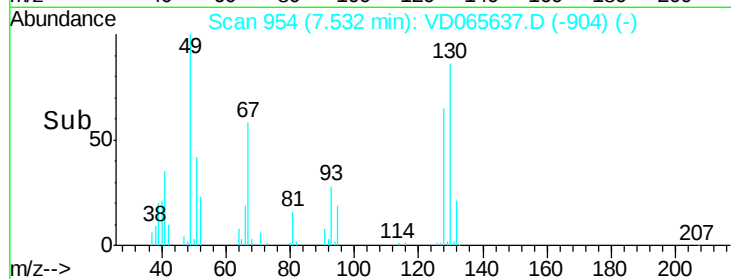
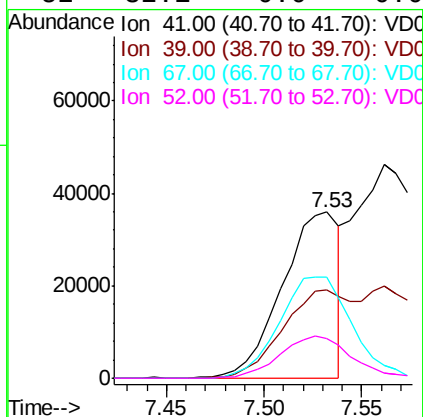
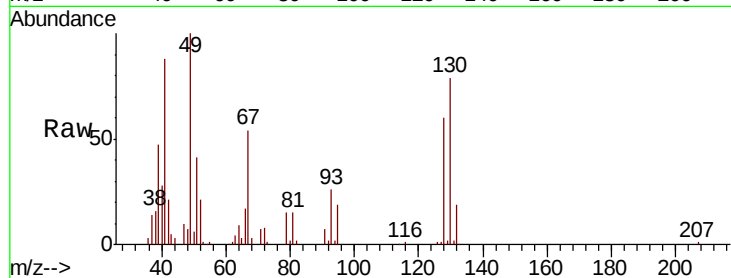




#41
Methacrylonitrile
Concen: 92.826 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

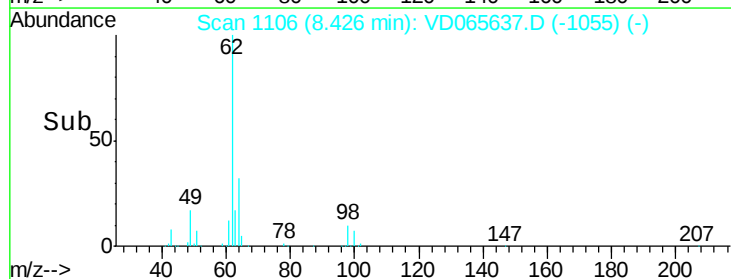
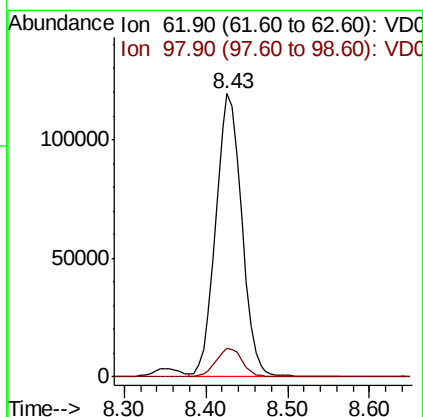
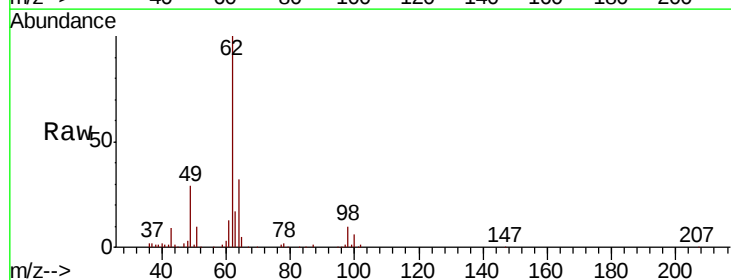
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

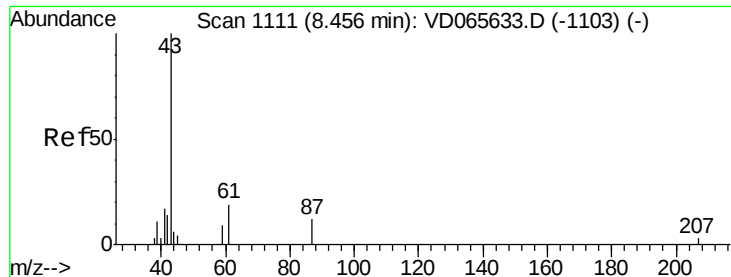
Tot Ion: 41 Resp: 73244
Ion Ratio Lower Upper
41 100
39 61.1 0.0 0.0#
67 77.9 0.0 0.0#
52 32.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 90.758 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 62 Resp: 264431
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6





#43

Isopropyl Acetate

Concen: 103.880 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

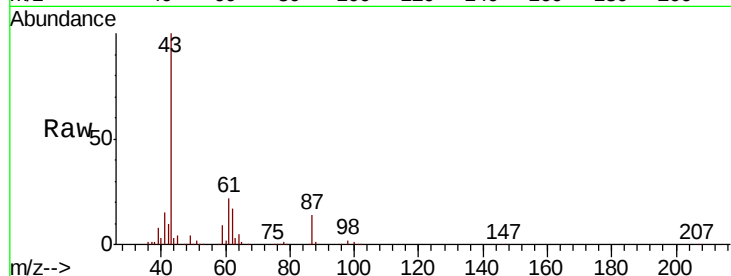
Tot Ion: 43 Resp: 260538

Ion Ratio Lower Upper

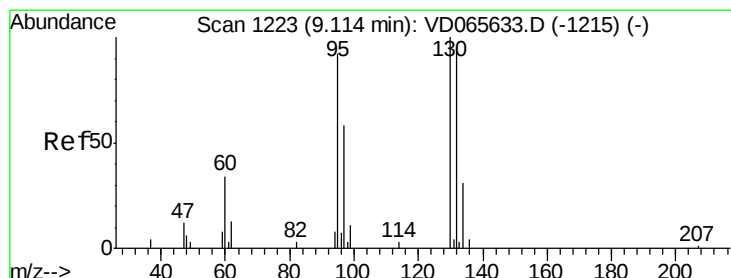
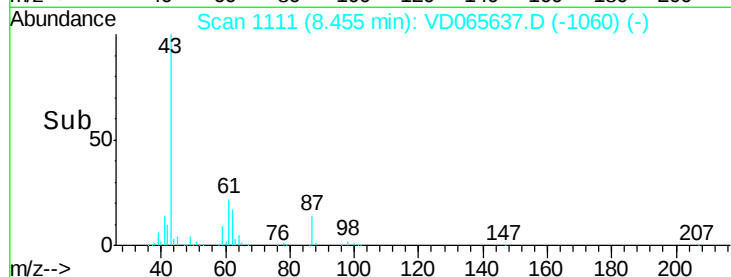
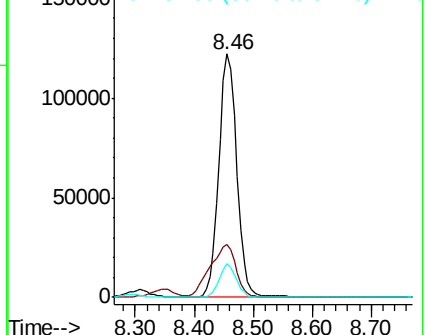
43 100

61 31.1 25.0 37.6

87 12.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 92.500 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065637.D

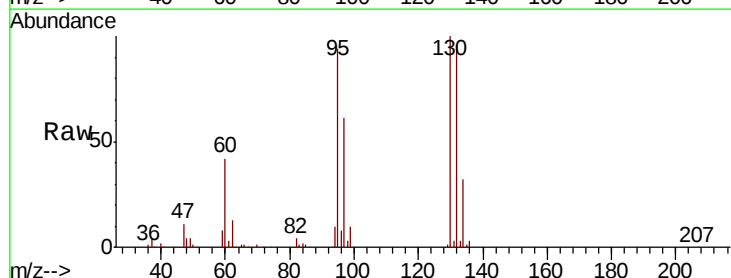
Acq: 15 Apr 2020 16:00

Tgt Ion: 130 Resp: 272238

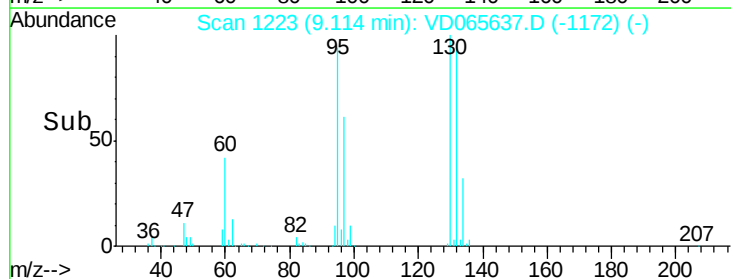
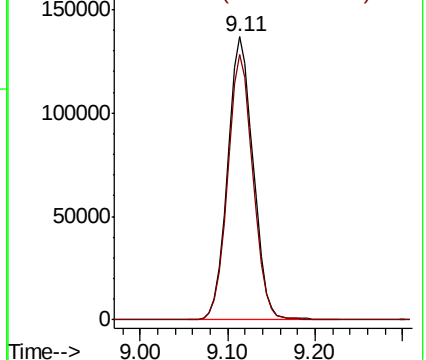
Ion Ratio Lower Upper

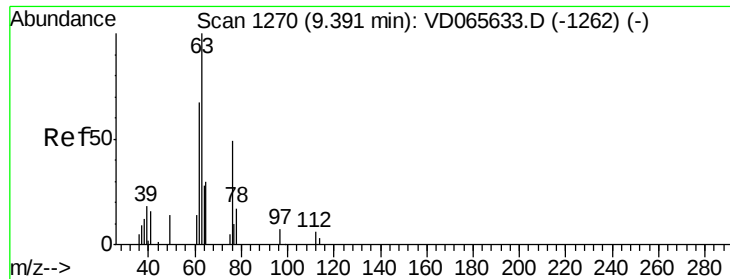
130 100

95 93.6 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 95.392 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

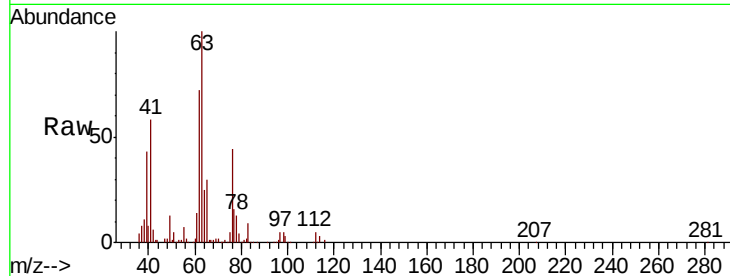
VSTDIC100

Tot Ion: 63 Resp: 241148

Ion Ratio Lower Upper

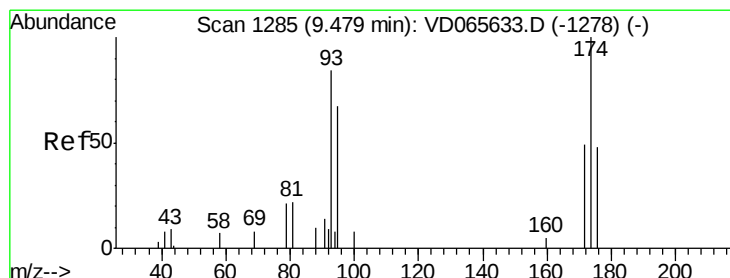
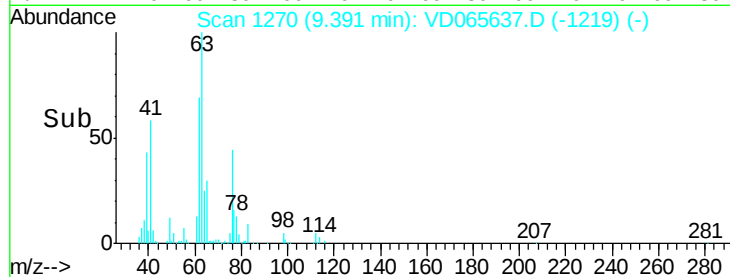
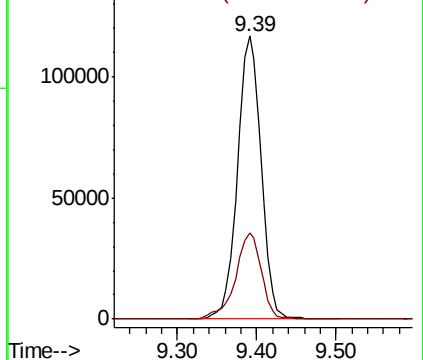
63 100

65 30.5 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 91.833 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

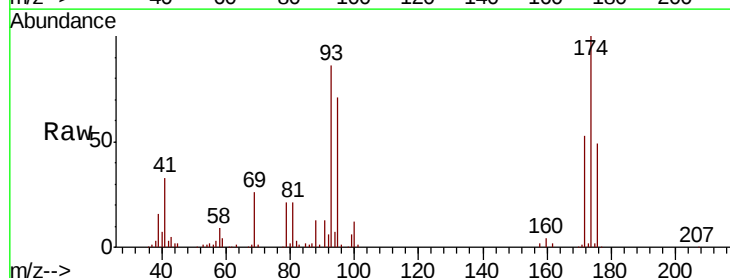
Tgt Ion: 93 Resp: 125128

Ion Ratio Lower Upper

93 100

95 81.3 67.4 101.2

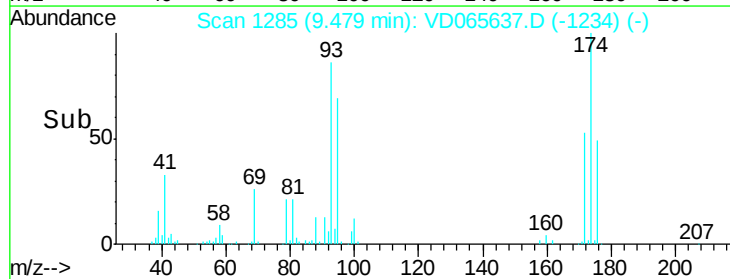
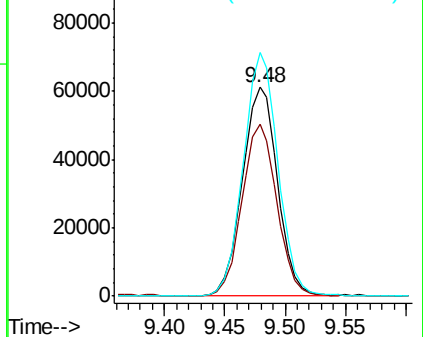
174 114.6 94.1 141.1

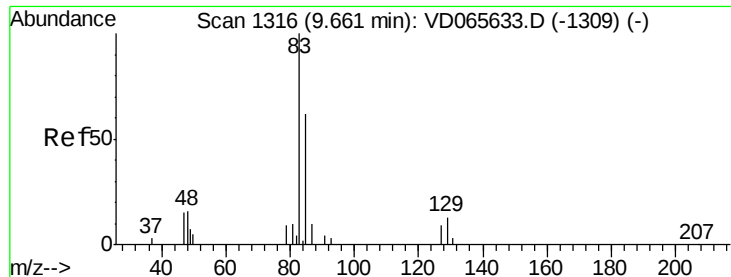


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 92.857 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

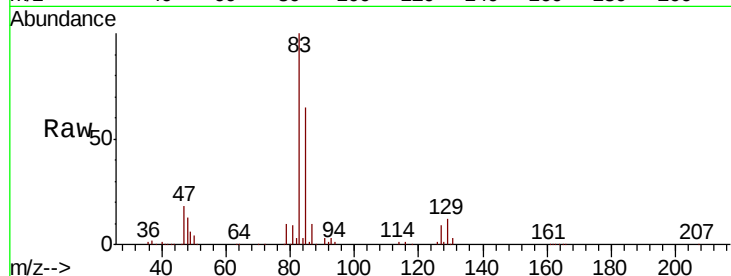
Tot Ion: 83 Resp: 330172

Ion Ratio Lower Upper

83 100

85 64.9 49.8 74.8

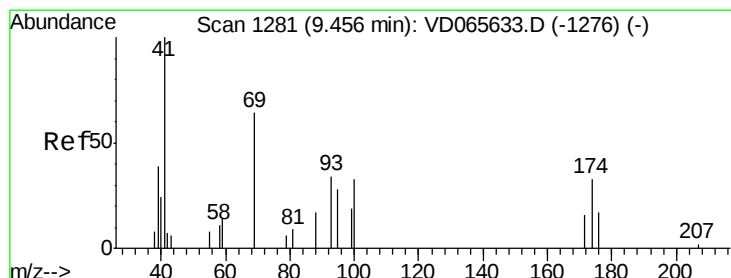
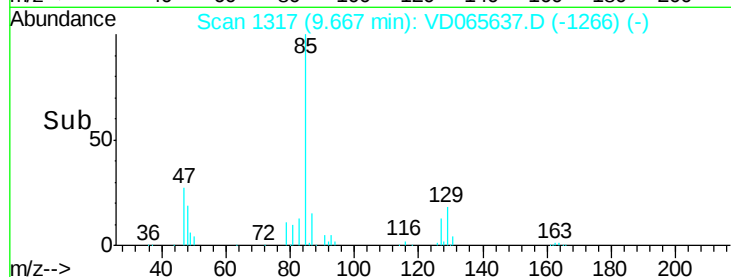
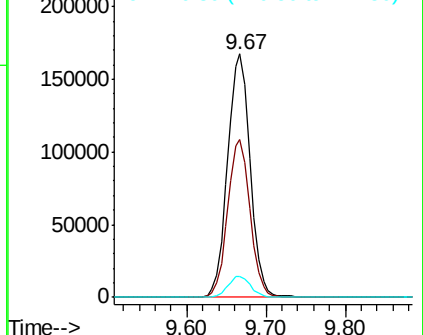
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 107.236 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

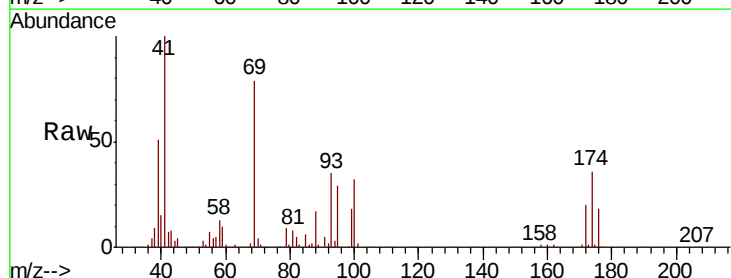
Tgt Ion: 41 Resp: 128257

Ion Ratio Lower Upper

41 100

69 84.4 66.8 100.2

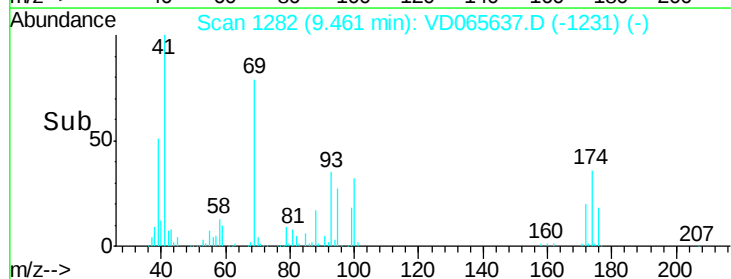
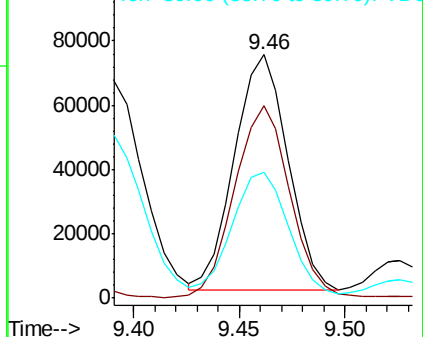
39 53.6 39.6 59.4

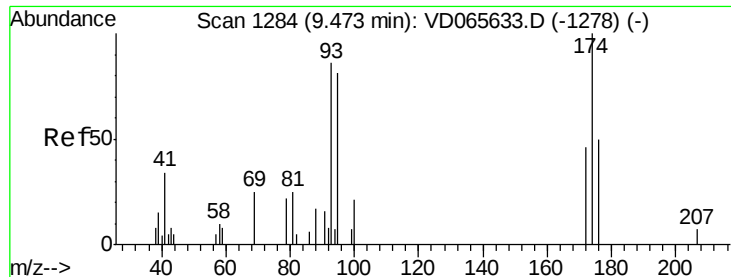


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 2019.859 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

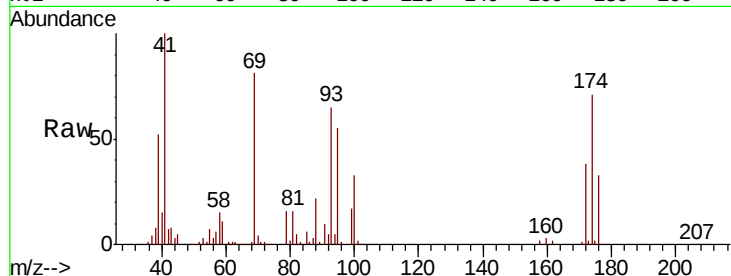
Tot Ion: 88 Resp: 29932

Ion Ratio Lower Upper

88 100

43 36.7 28.1 42.1

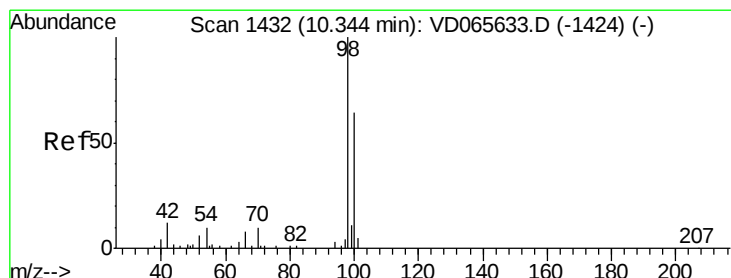
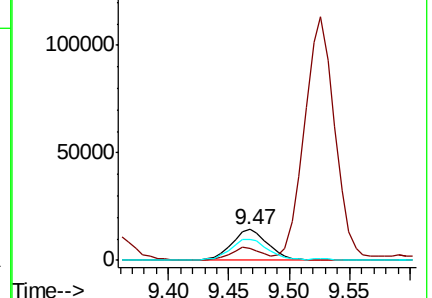
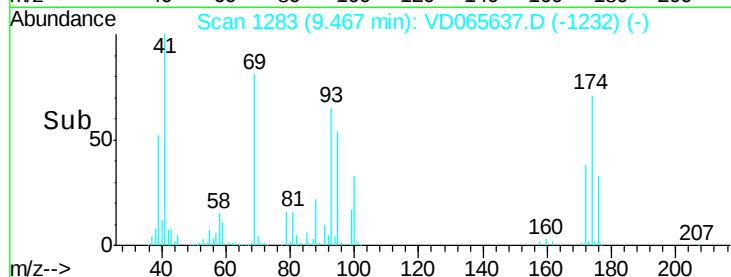
58 69.9 55.7 83.5



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 94.825 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065637.D

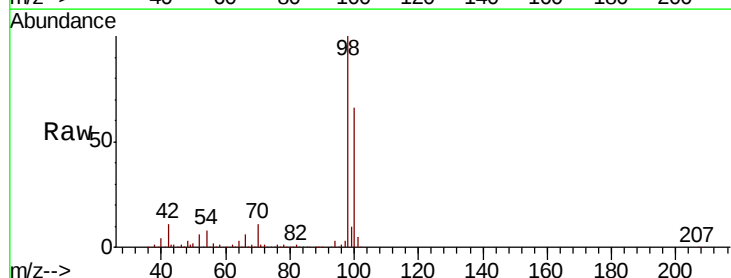
Acq: 15 Apr 2020 16:00

Tgt Ion: 98 Resp: 840599

Ion Ratio Lower Upper

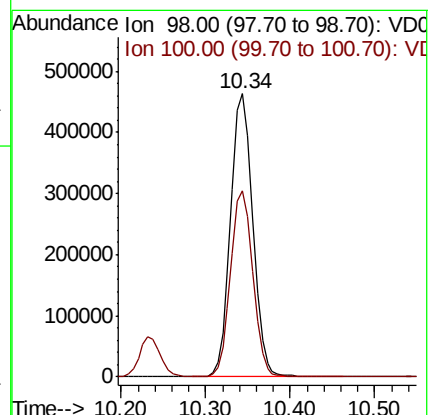
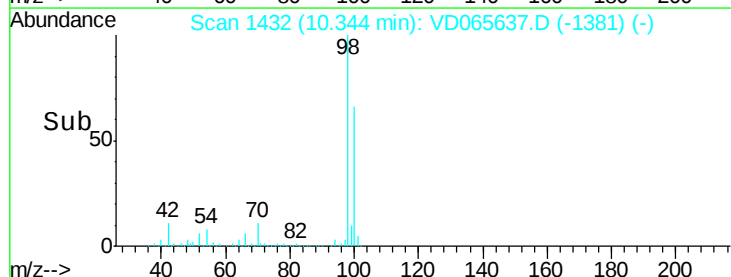
98 100

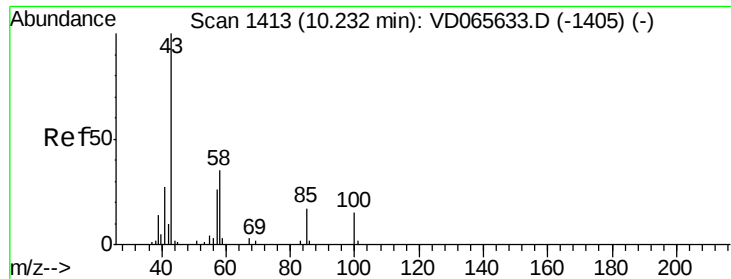
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 516.875 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

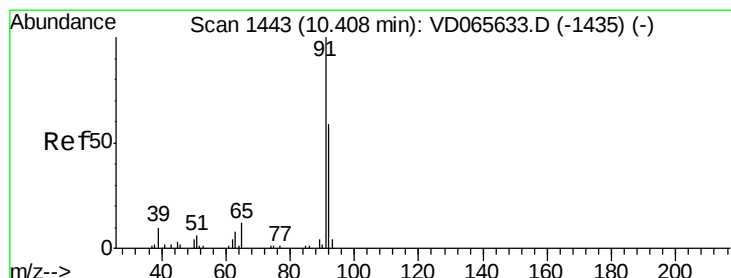
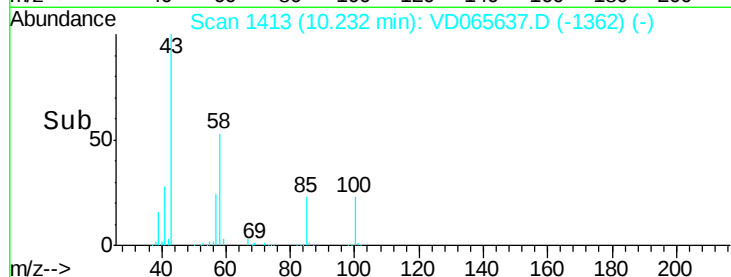
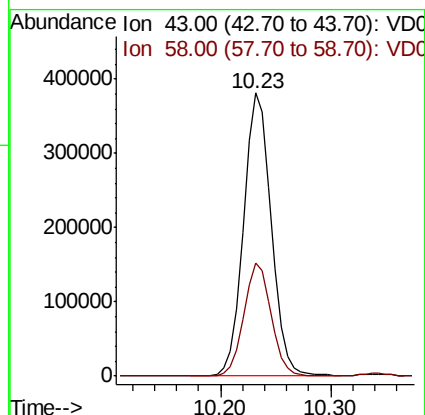
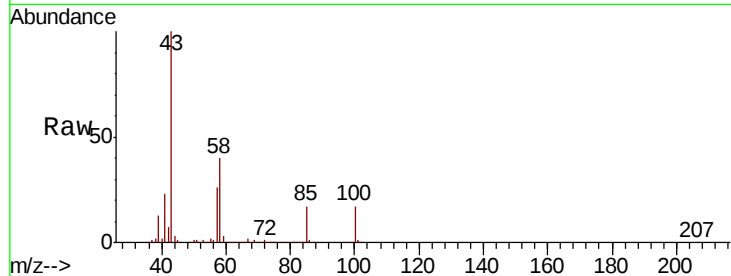
VSTDIC100

Tot Ion: 43 Resp: 673297

Ion Ratio Lower Upper

43 100

58 39.3 31.1 46.7



#52

Toluene

Concen: 96.968 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD065637.D

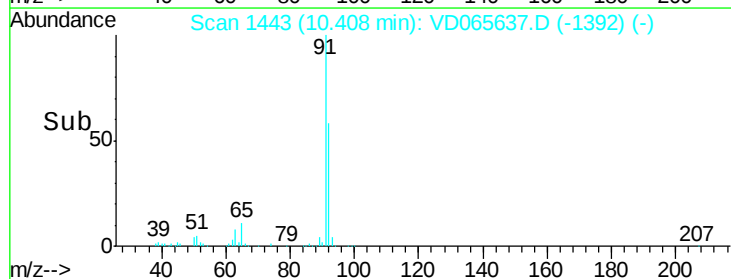
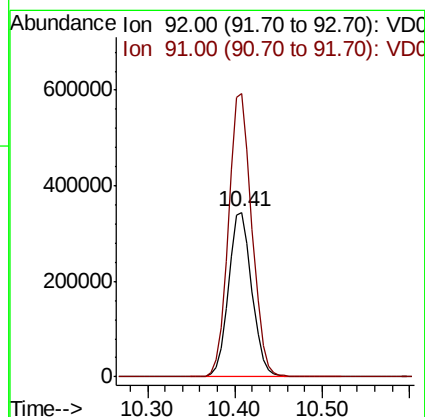
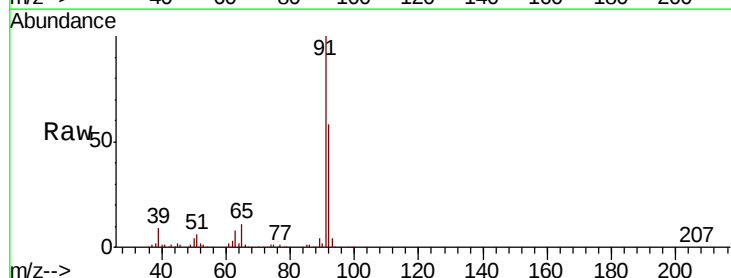
Acq: 15 Apr 2020 16:00

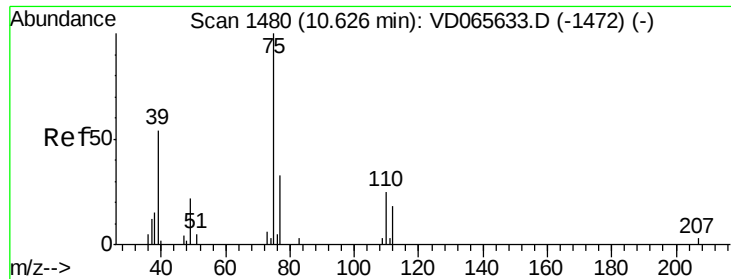
Tgt Ion: 92 Resp: 629657

Ion Ratio Lower Upper

92 100

91 172.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 100.812 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

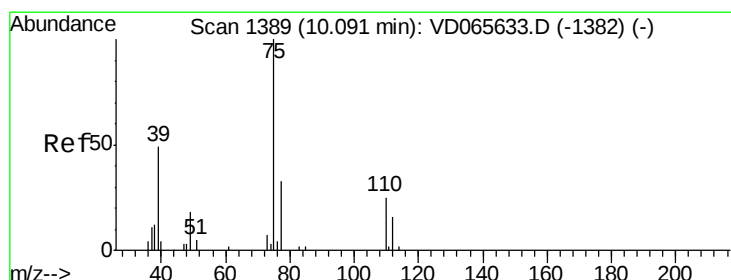
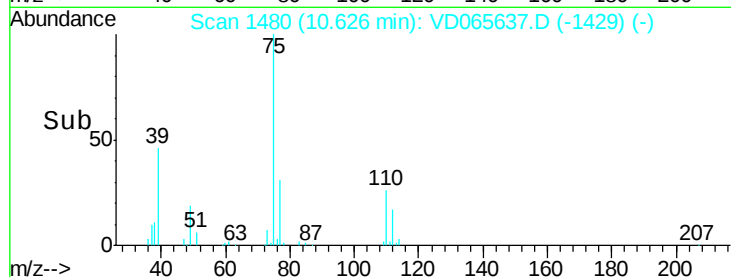
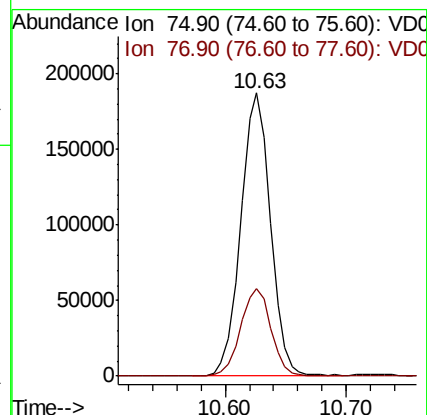
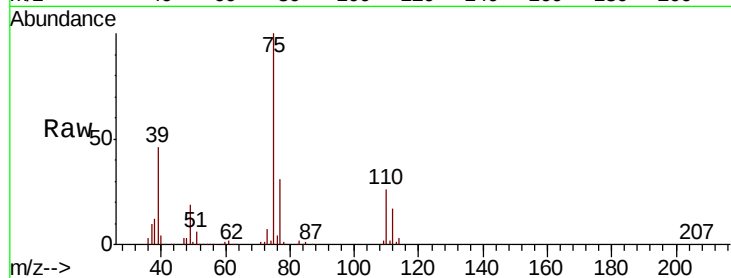
VSTDIC100

Tot Ion: 75 Resp: 321584

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 98.898 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

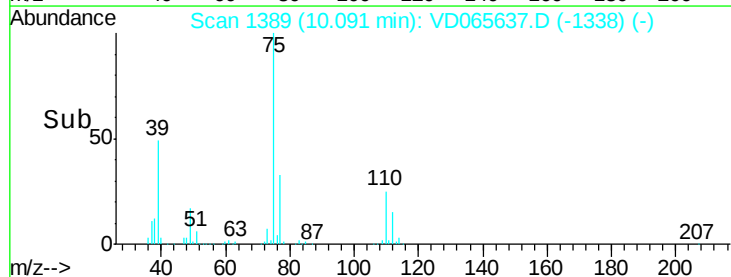
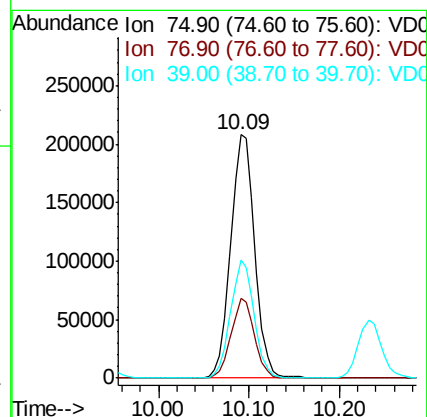
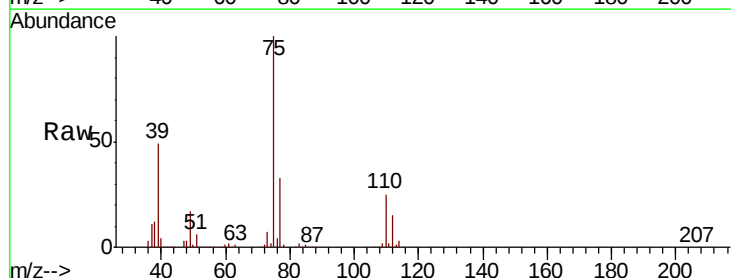
Tgt Ion: 75 Resp: 383657

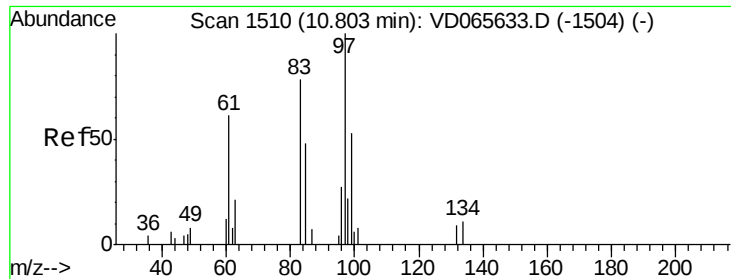
Ion Ratio Lower Upper

75 100

77 32.7 25.2 37.8

39 48.7 38.7 58.1

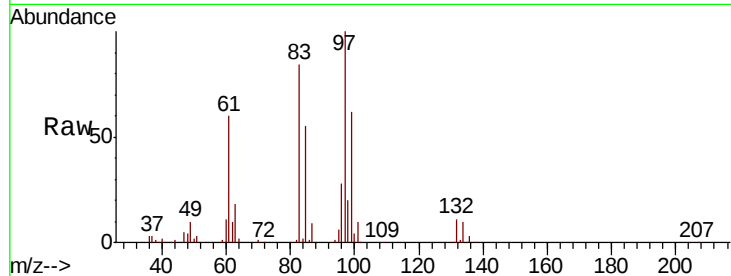




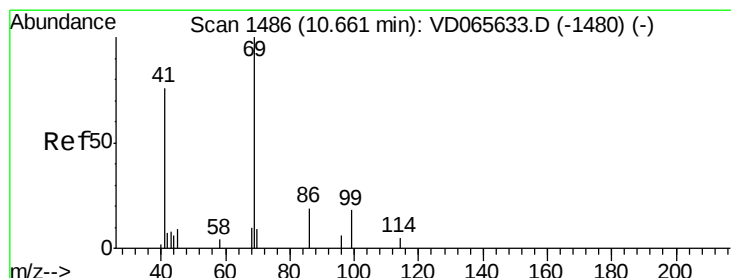
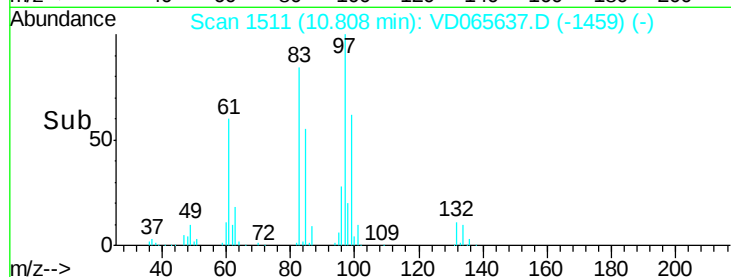
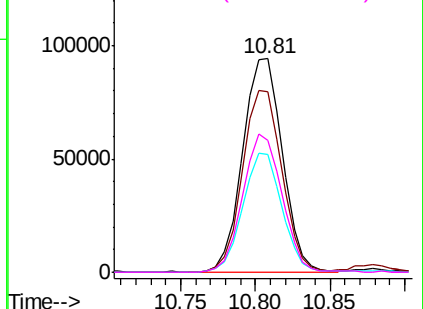
#55
 1,1,2-Trichloroethane
 Concen: 90.431 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion: 97 Resp: 174049
 Ion Ratio Lower Upper
 97 100
 83 84.3 67.4 101.0
 85 54.9 43.4 65.0
 99 61.6 50.5 75.7

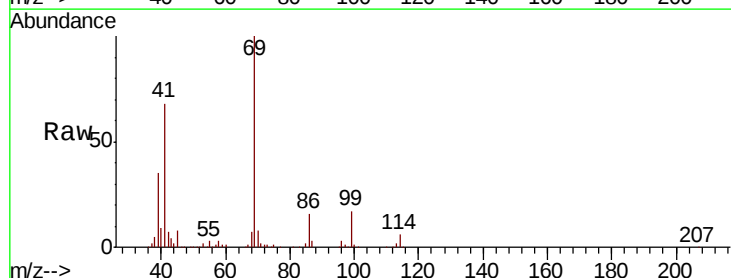


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

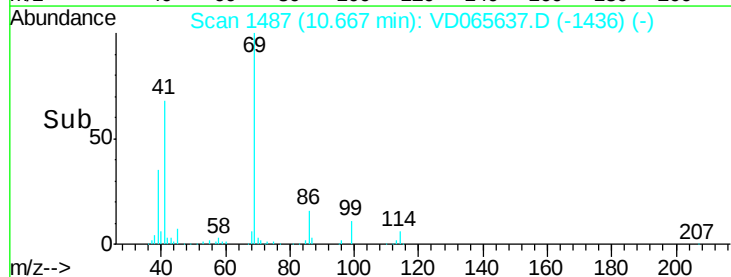
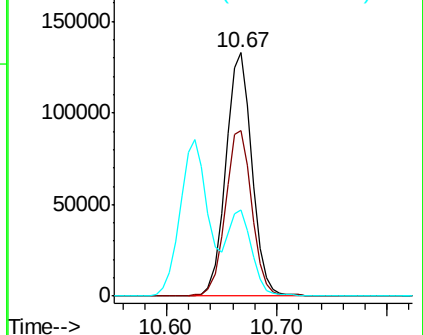


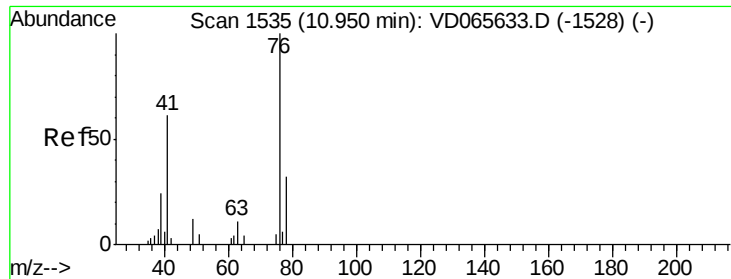
#56
 Ethyl methacrylate
 Concen: 113.084 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 69 Resp: 220412
 Ion Ratio Lower Upper
 69 100
 41 70.1 56.2 84.4
 39 31.8 26.6 39.8



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC

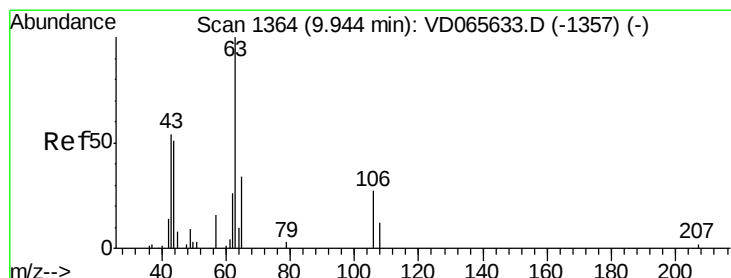
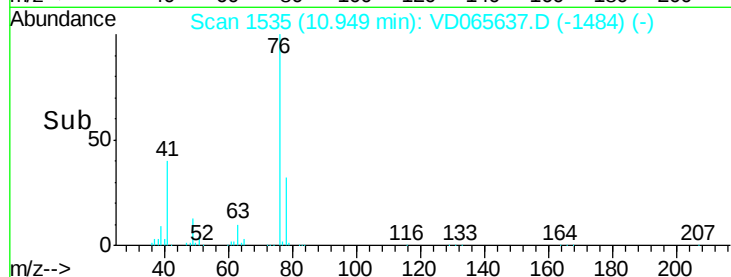
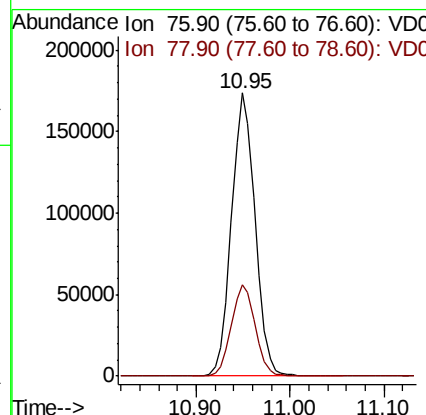
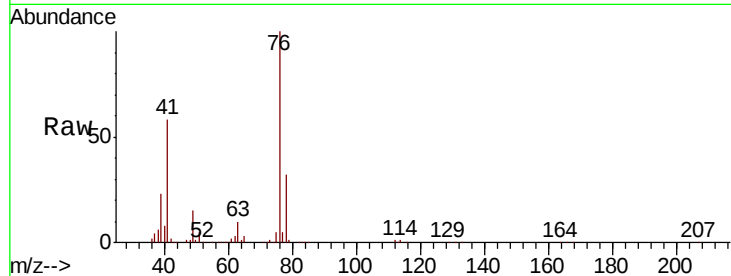




#57
 1,3-Dichloropropane
 Concen: 94.884 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

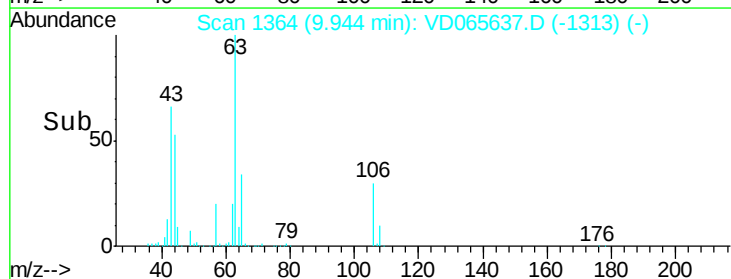
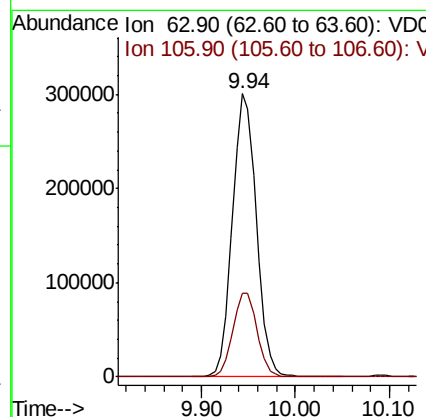
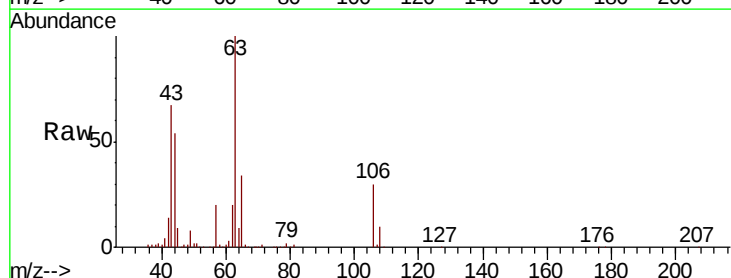
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

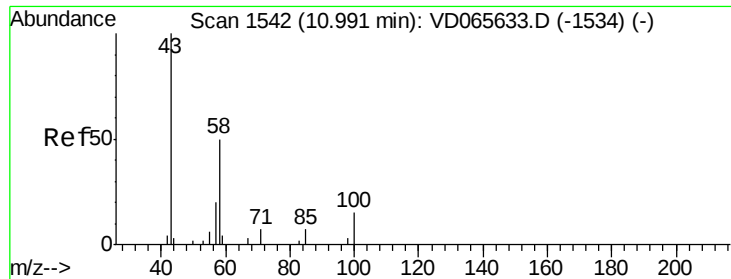
Tot Ion: 76 Resp: 302390
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 523.766 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 63 Resp: 531450
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.8 35.6

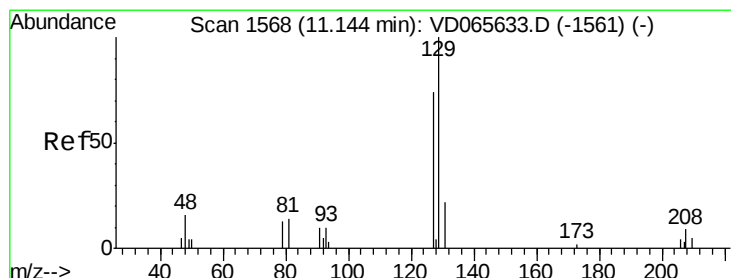
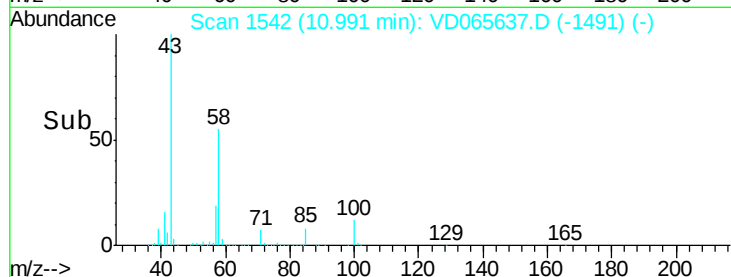
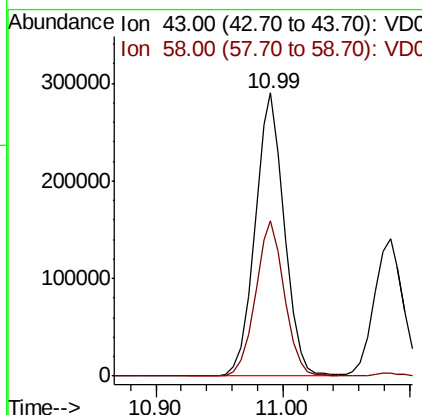
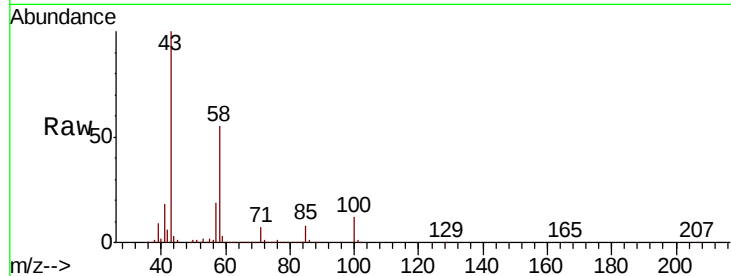




#59
2-Hexanone
Concen: 532.672 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

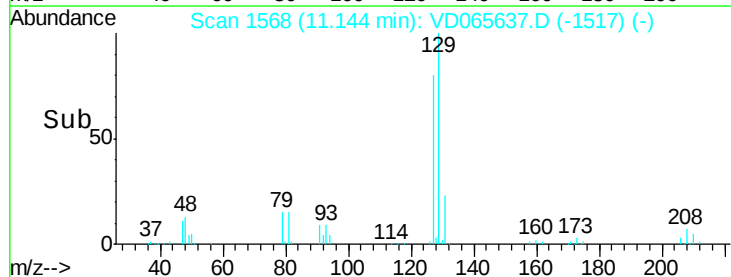
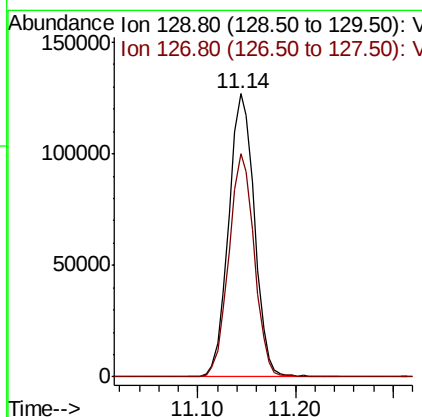
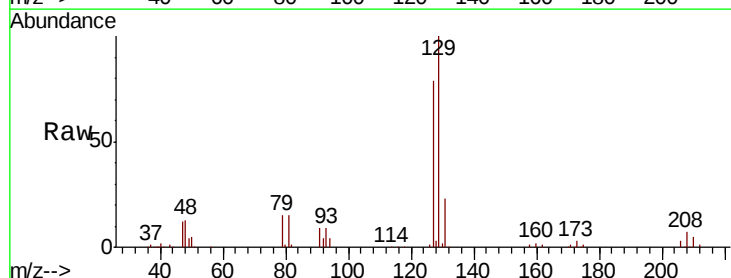
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

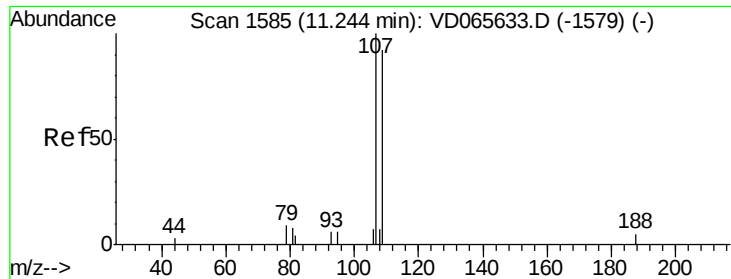
Tot Ion: 43 Resp: 463252
Ion Ratio Lower Upper
43 100
58 54.2 26.5 79.4



#60
Dibromochloromethane
Concen: 91.358 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion: 129 Resp: 232120
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3

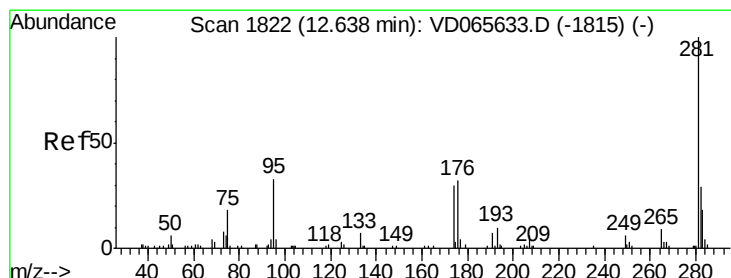
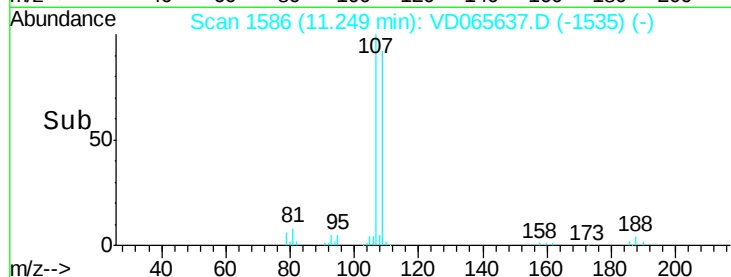
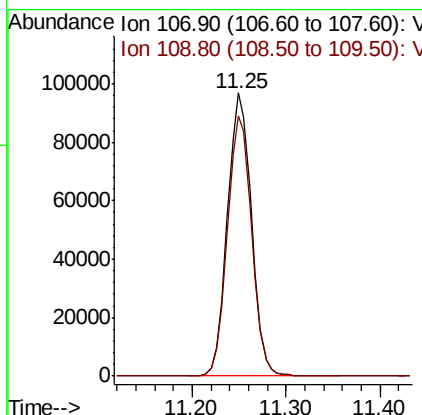
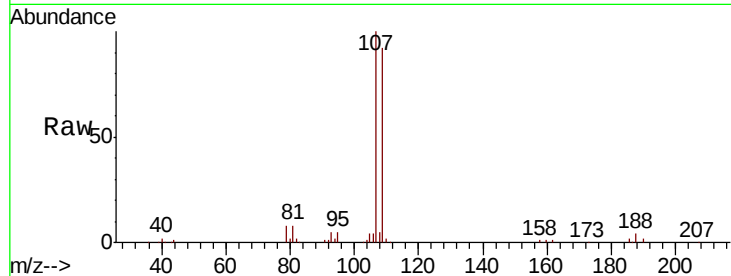




#61
 1,2-Dibromoethane
 Concen: 93.722 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

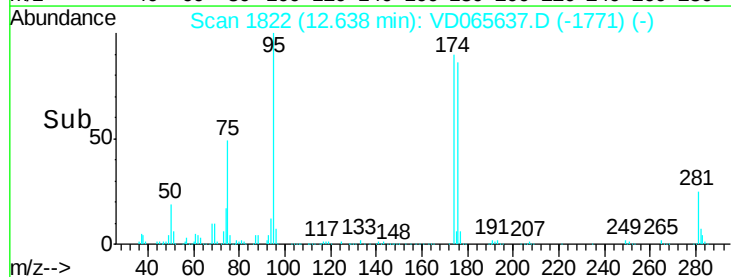
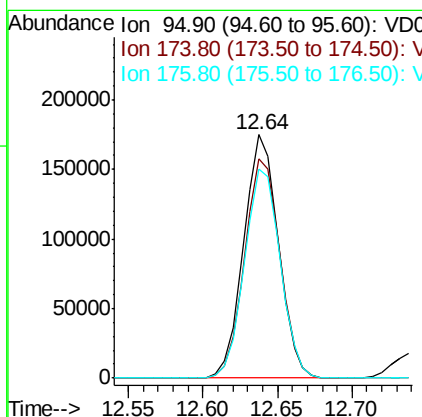
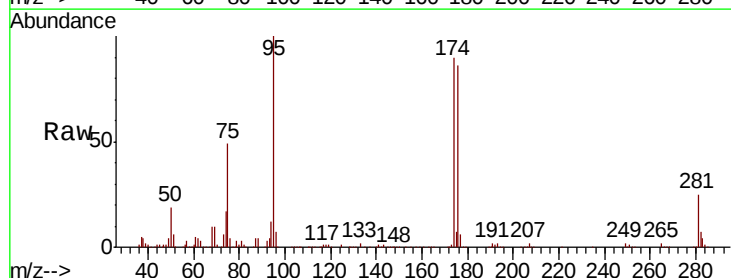
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

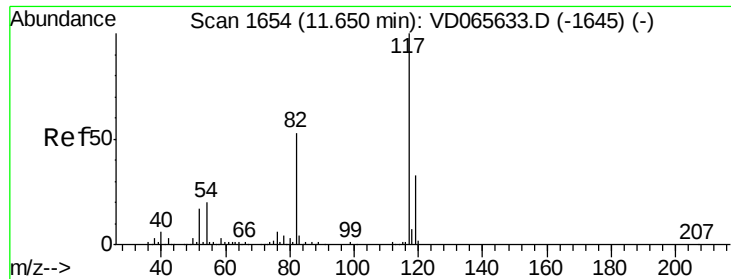
Tot Ion:107 Resp: 171550
 Ion Ratio Lower Upper
 107 100
 109 93.0 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 97.786 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 95 Resp: 281279
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 183.8
 176 88.3 0.0 181.4

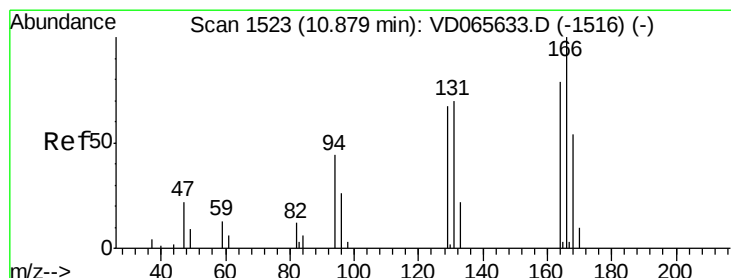
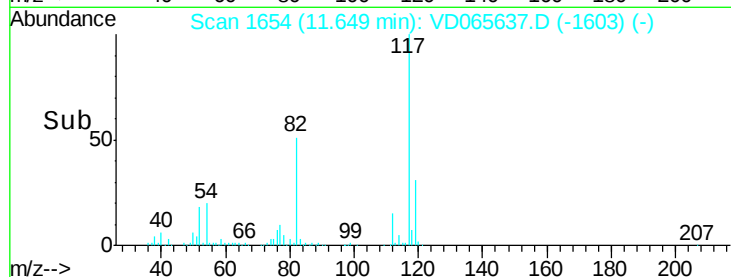
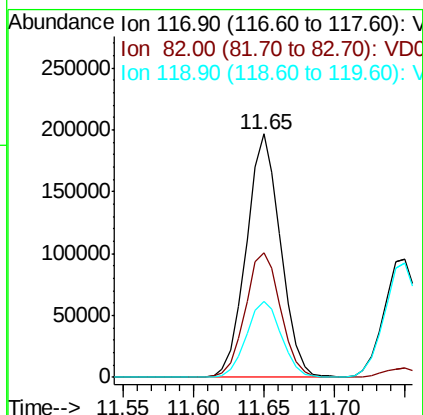
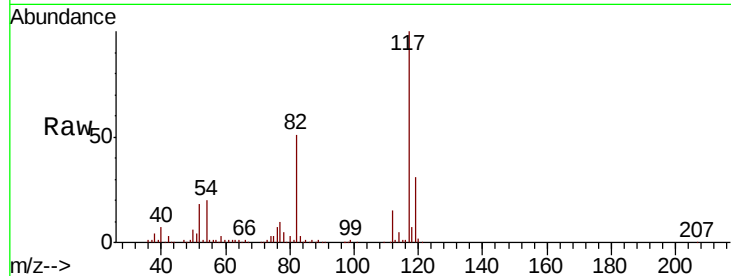




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

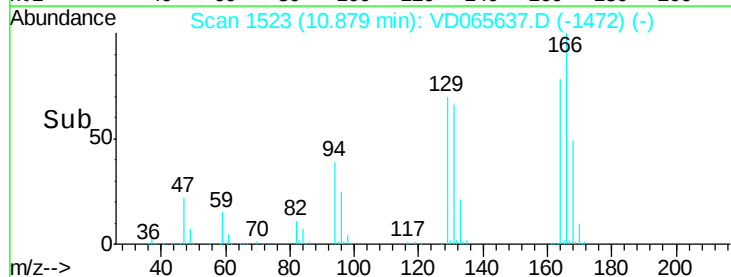
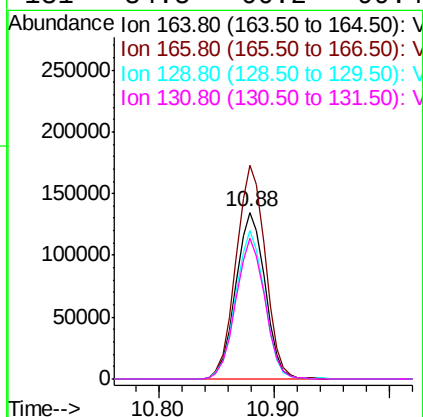
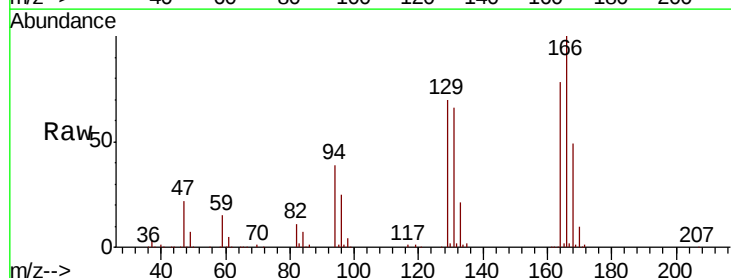
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

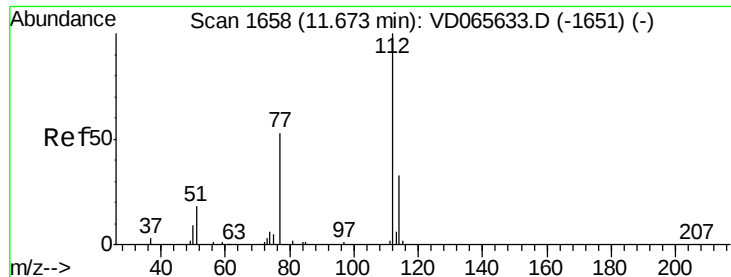
Tot Ion:117 Resp: 334704
Ion Ratio Lower Upper
117 100
82 51.1 43.2 64.8
119 31.0 26.2 39.4



#64
Tetrachloroethene
Concen: 91.170 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion:164 Resp: 237086
Ion Ratio Lower Upper
164 100
166 128.3 102.3 153.5
129 89.3 71.7 107.5
131 84.5 66.2 99.4

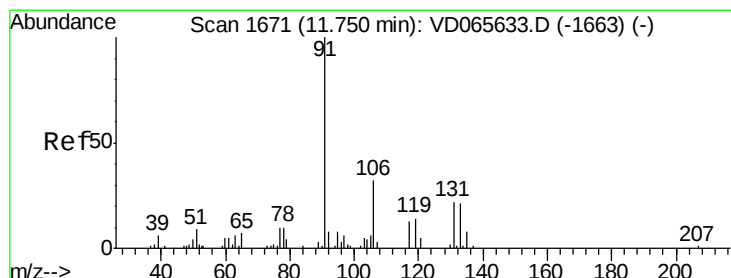
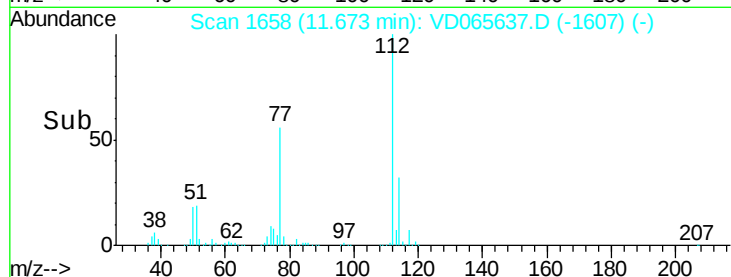
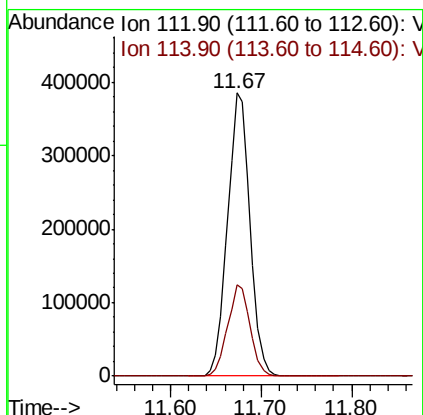
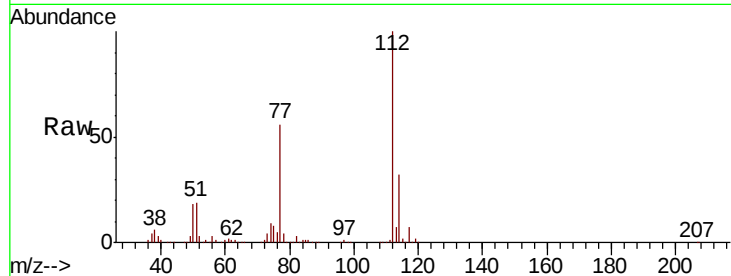




#65
Chlorobenzene
Concen: 93.292 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

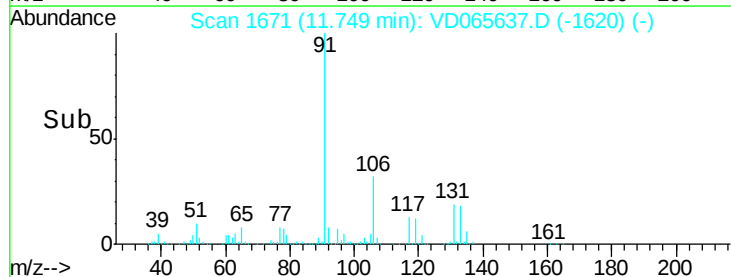
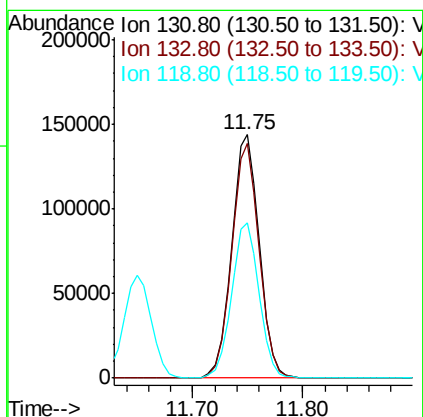
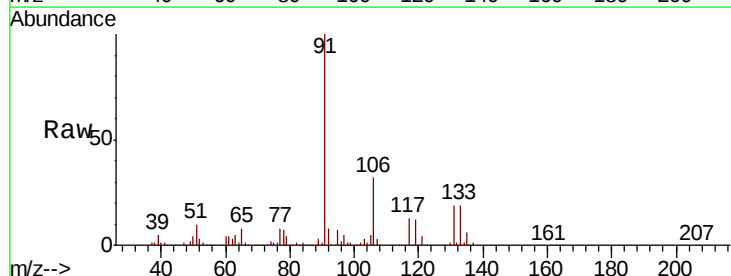
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

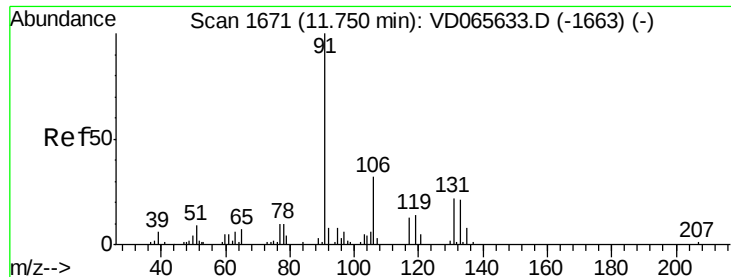
Tot Ion:112 Resp: 662584
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 93.031 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion:131 Resp: 251416
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 63.9 32.6 97.7





#67

Ethyl Benzene

Concen: 102.211 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

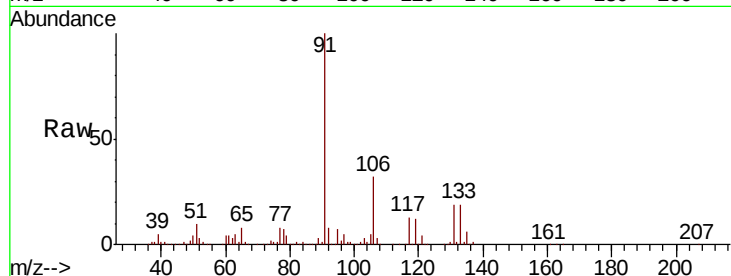
VSTDIC100

Tot Ion: 91 Resp: 1195909

Ion Ratio Lower Upper

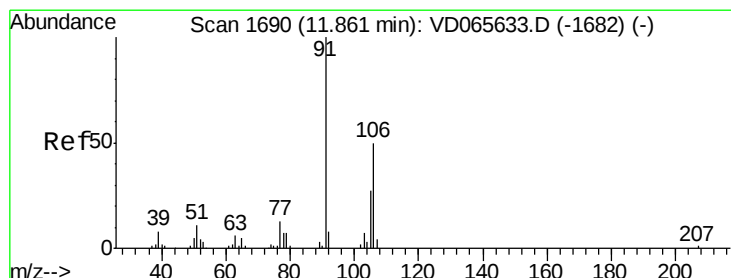
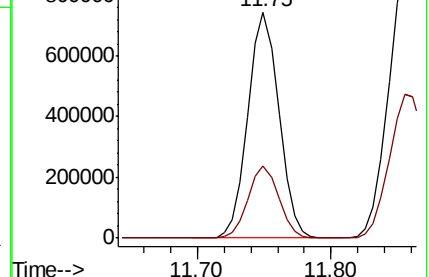
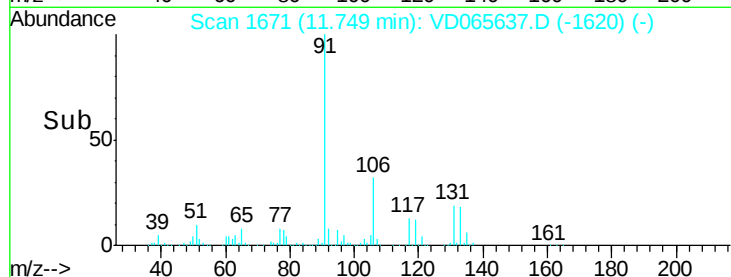
91 100

106 31.8 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 201.269 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065637.D

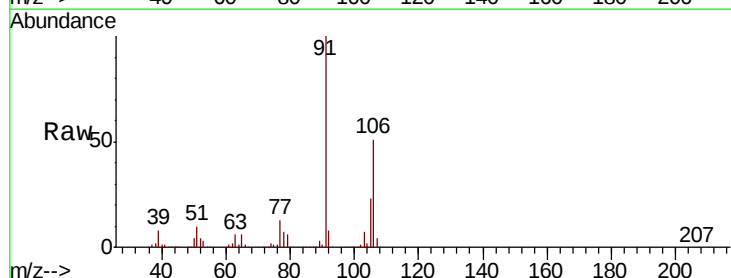
Acq: 15 Apr 2020 16:00

Tgt Ion:106 Resp: 925792

Ion Ratio Lower Upper

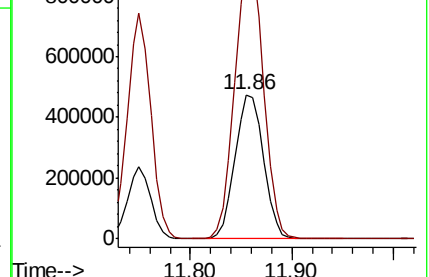
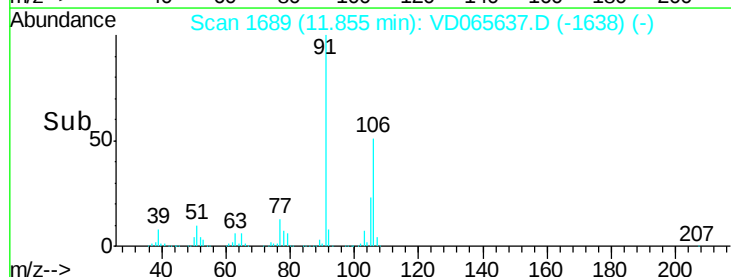
106 100

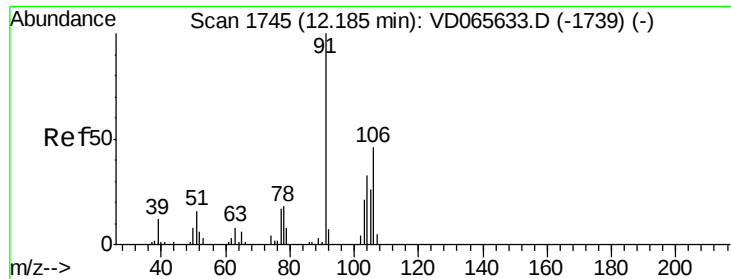
91 195.2 157.9 236.9



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

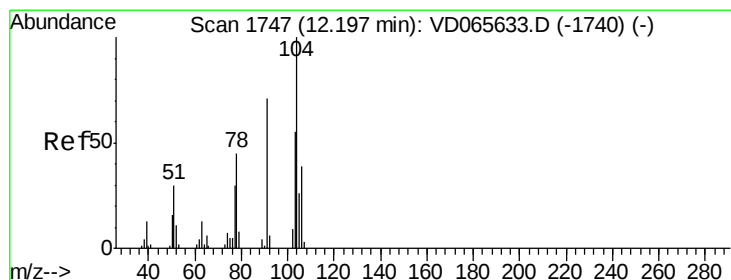
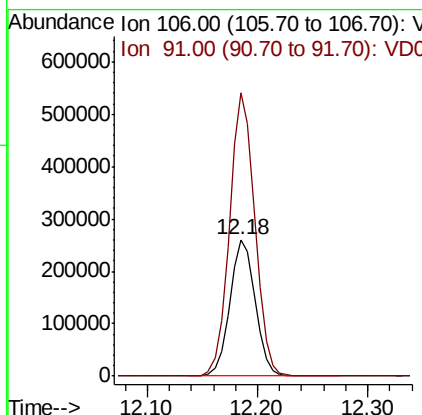
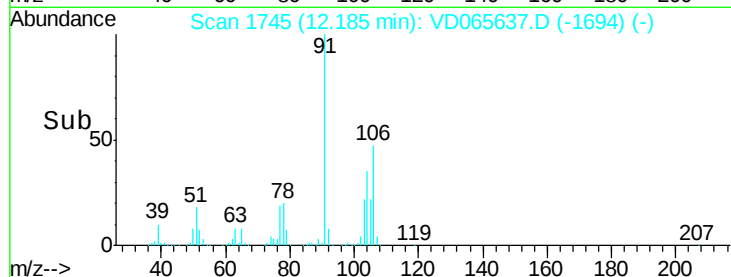
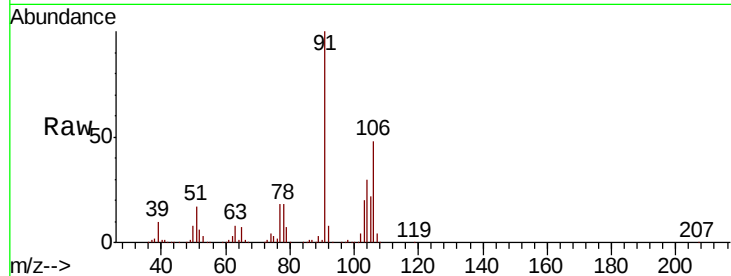




#69
o-Xylene
Concen: 105.295 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

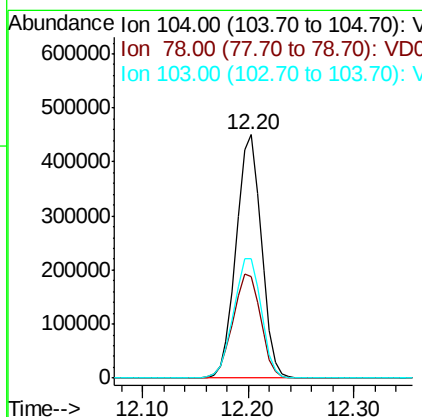
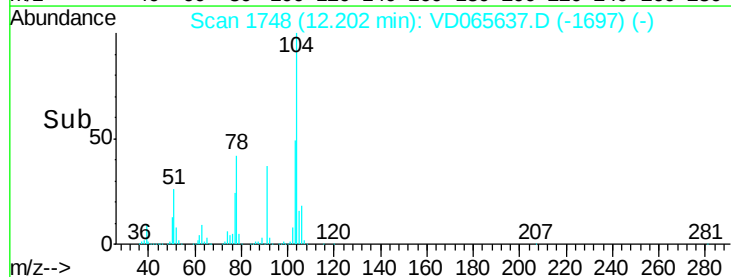
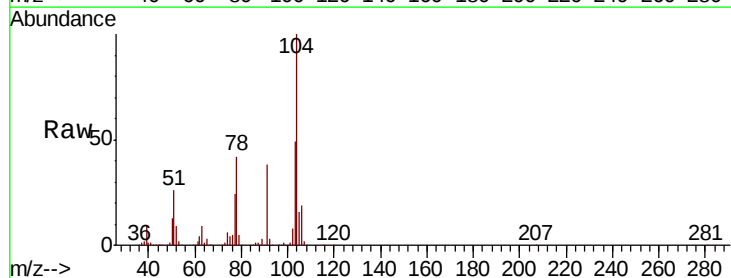
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

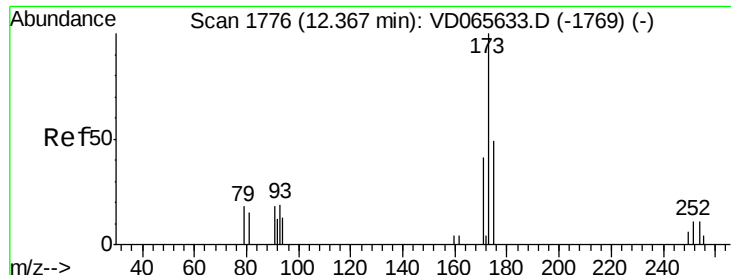
Tot Ion:106 Resp: 418907
Ion Ratio Lower Upper
106 100
91 207.1 103.6 310.9



#70
Styrene
Concen: 105.588 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion:104 Resp: 743521
Ion Ratio Lower Upper
104 100
78 47.1 37.5 56.3
103 54.1 43.4 65.0





#71

Bromoform

Concen: 91.923 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

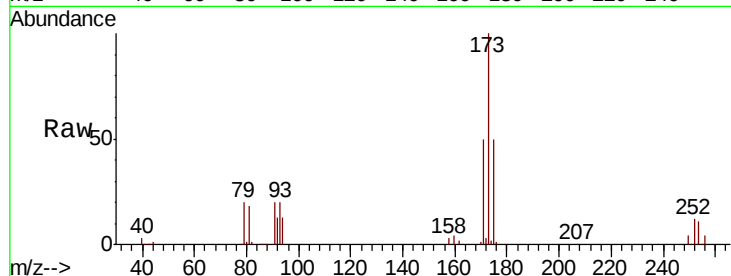
Tot Ion:173 Resp: 141921

Ion Ratio Lower Upper

173 100

175 49.8 25.1 75.2

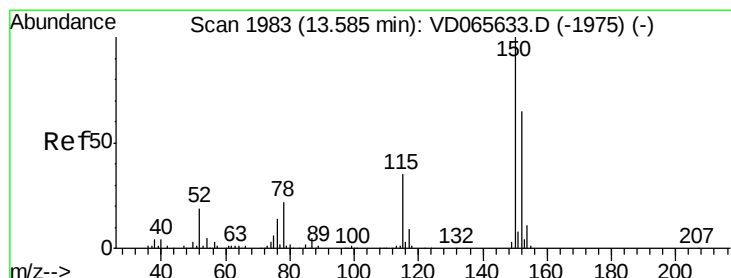
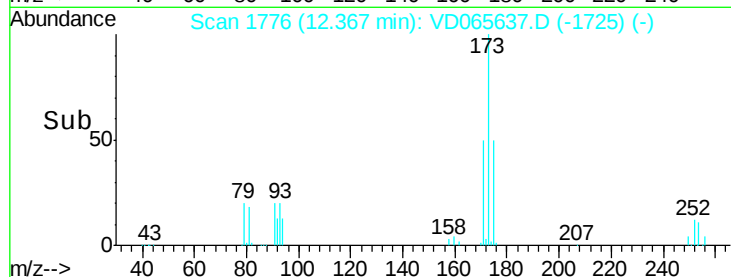
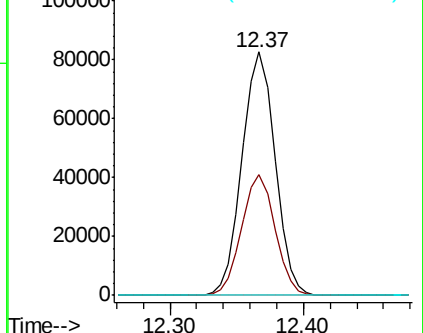
254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

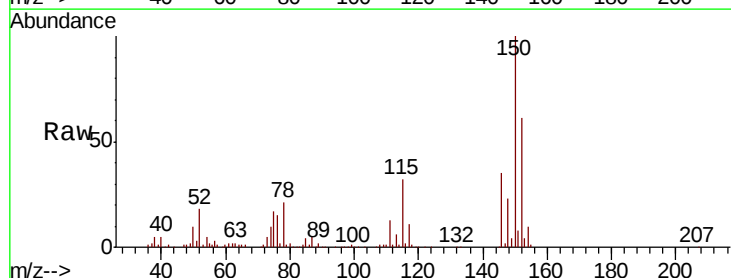
Tgt Ion:152 Resp: 171392

Ion Ratio Lower Upper

152 100

115 54.4 27.6 82.7

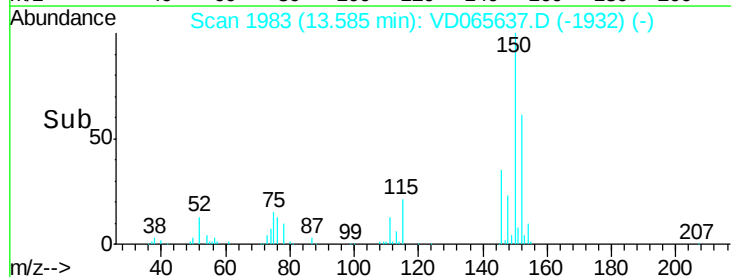
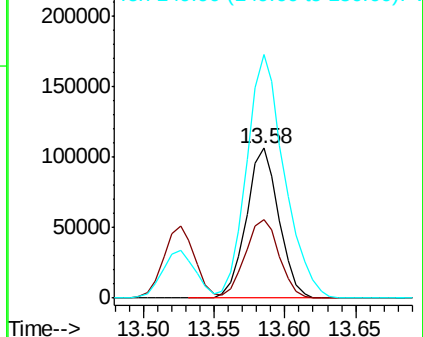
150 188.3 0.0 346.0

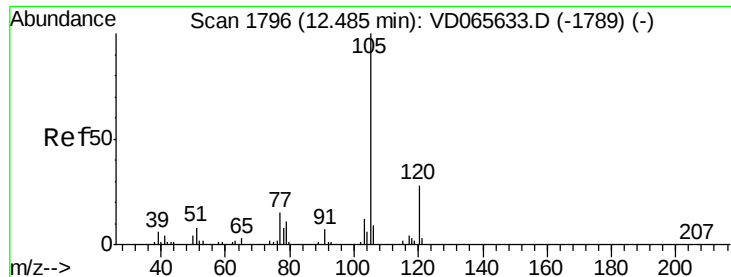


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 106.622 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

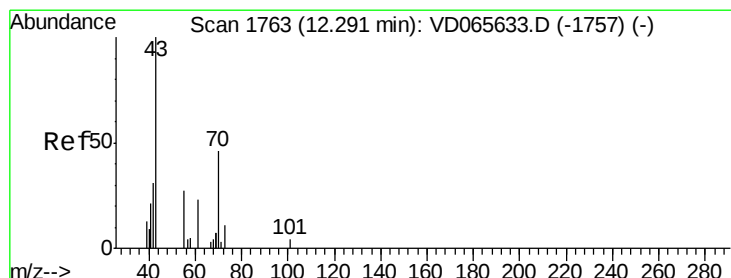
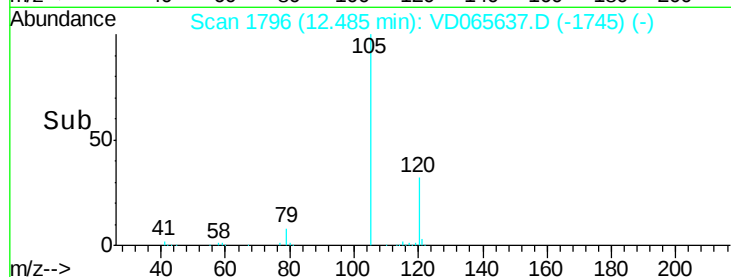
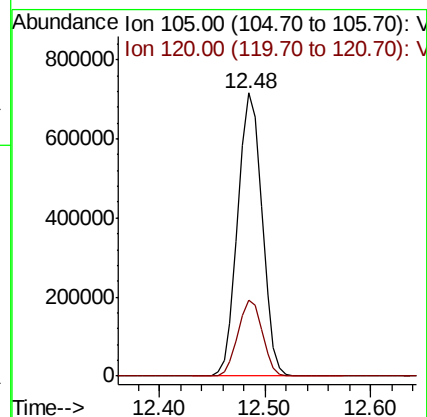
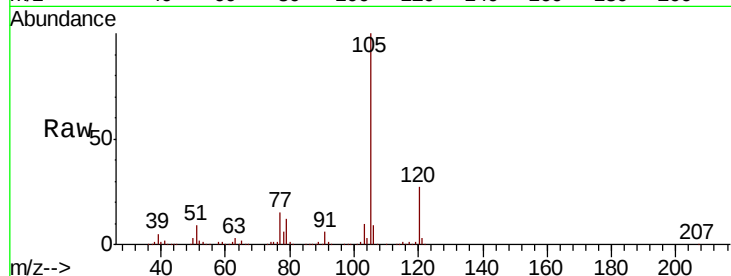
VSTDIC100

Tot Ion:105 Resp: 1137169

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 110.348 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Tgt Ion: 43 Resp: 241437

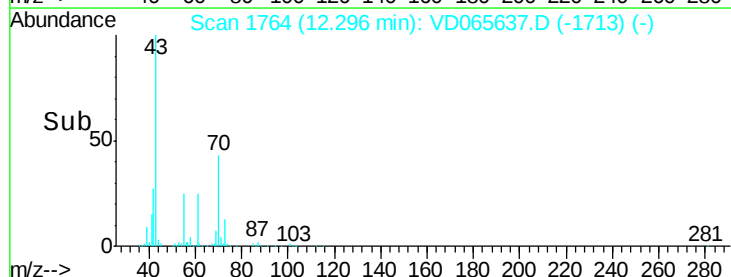
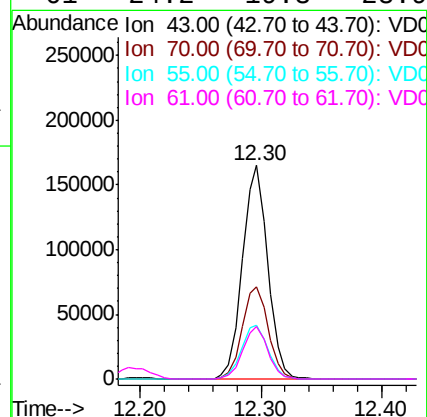
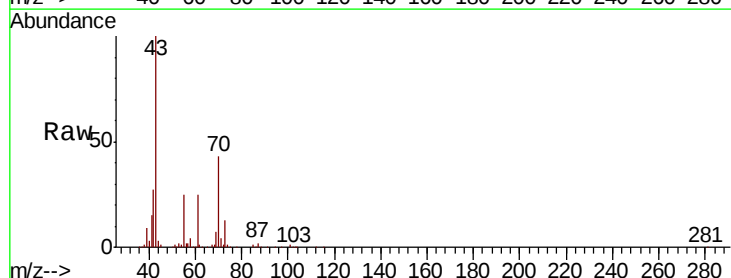
Ion Ratio Lower Upper

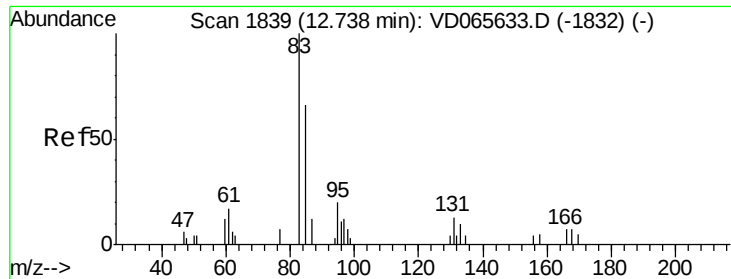
43 100

70 44.4 35.4 53.0

55 26.9 22.2 33.2

61 24.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 93.366 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

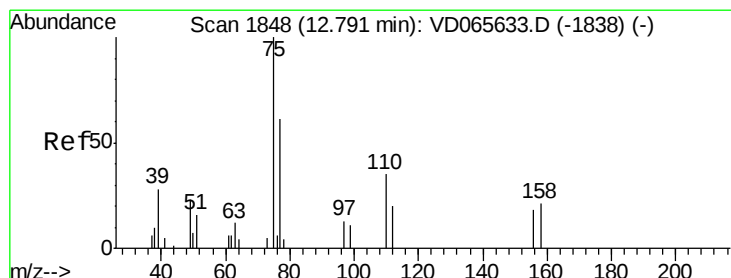
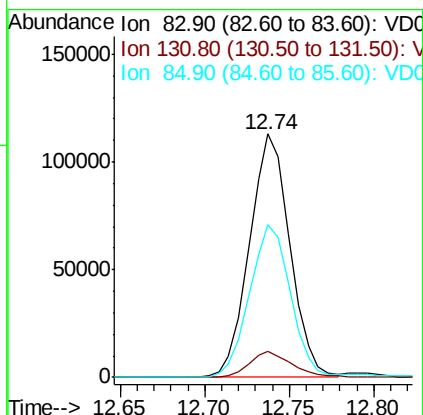
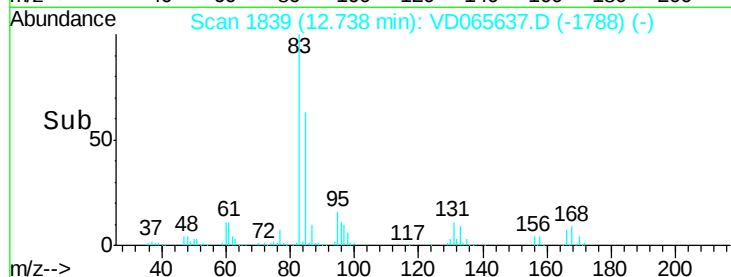
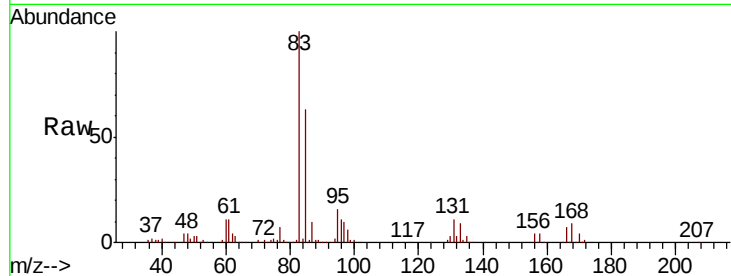
Tot Ion: 83 Resp: 187411

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.0

85 63.3 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 175.409 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065637.D

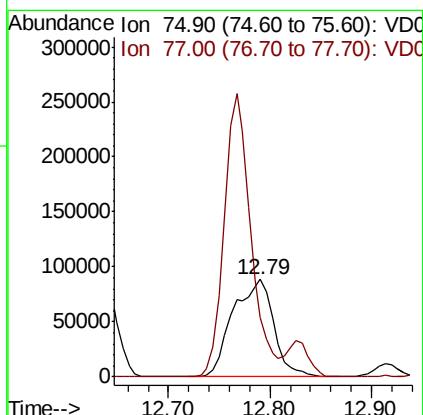
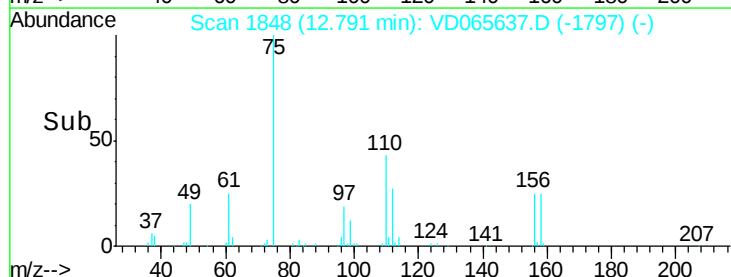
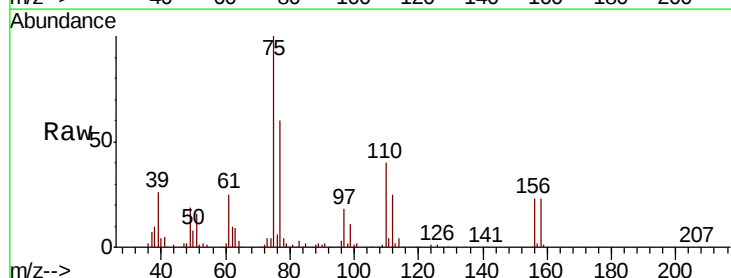
Acq: 15 Apr 2020 16:00

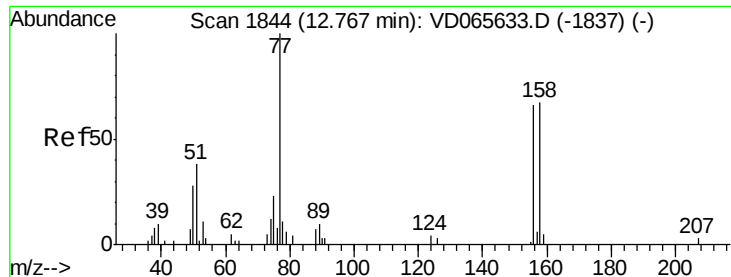
Tgt Ion: 75 Resp: 247464

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 95.665 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

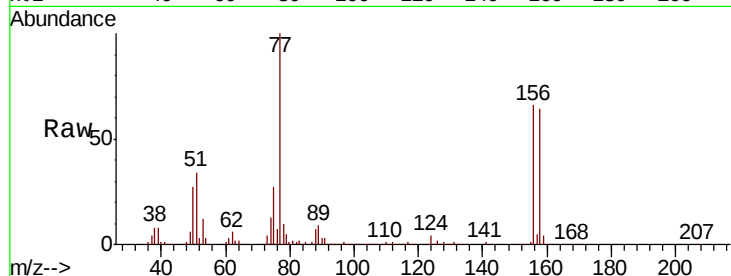
Tot Ion:156 Resp: 281653

Ion Ratio Lower Upper

156 100

77 167.0 84.7 254.1

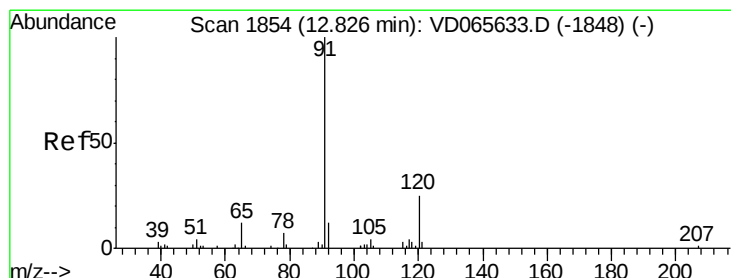
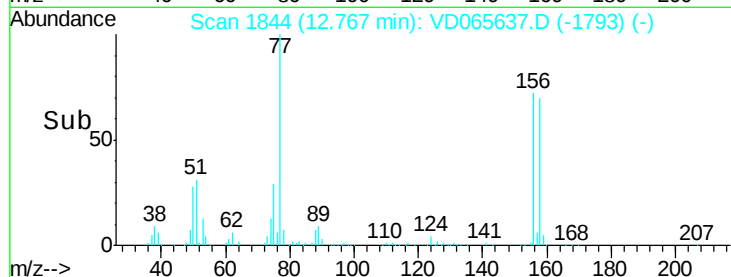
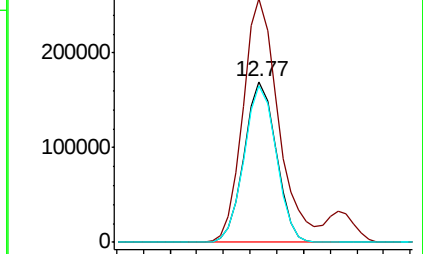
158 97.7 48.5 145.5



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 103.204 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065637.D

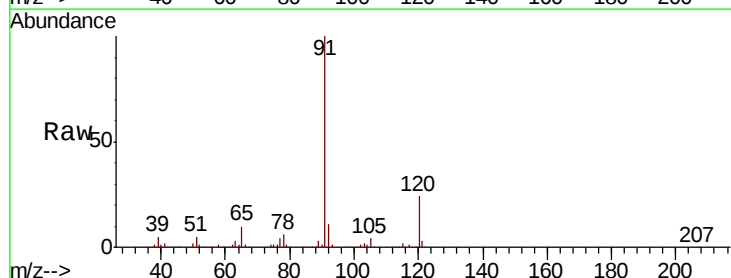
Acq: 15 Apr 2020 16:00

Tgt Ion: 91 Resp: 1330665

Ion Ratio Lower Upper

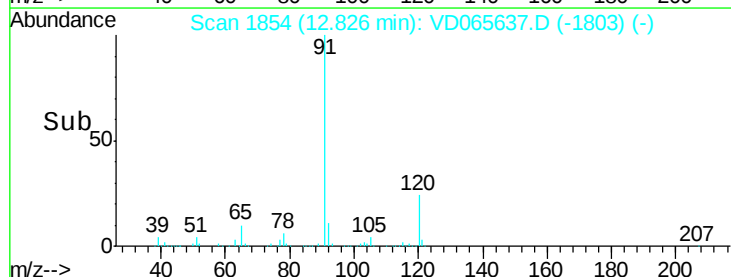
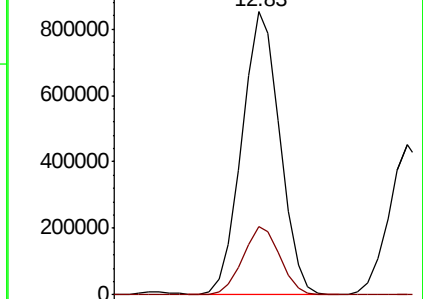
91 100

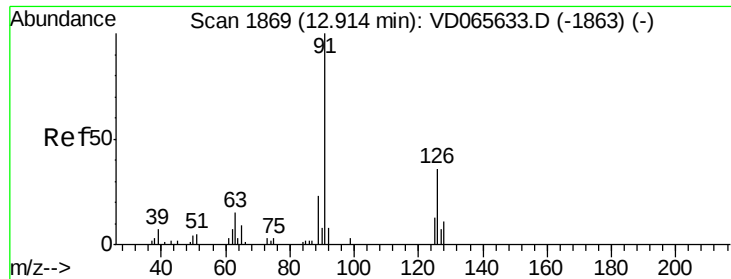
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

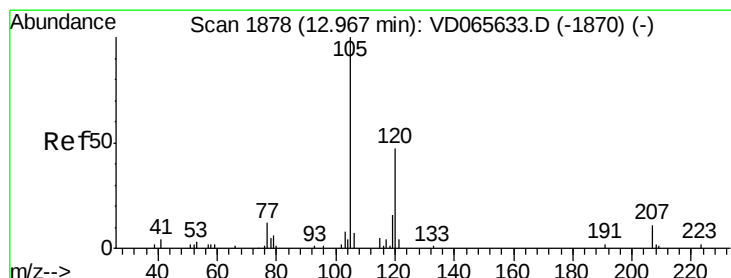
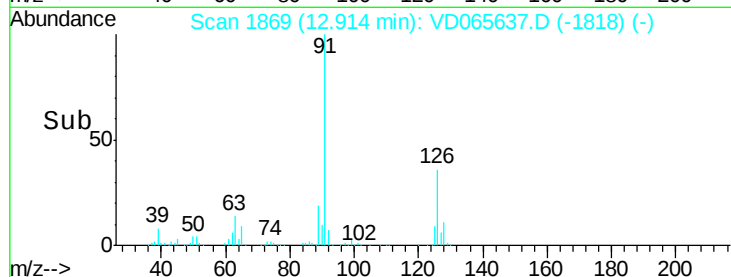
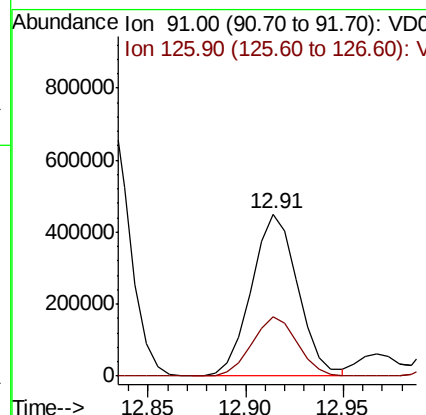
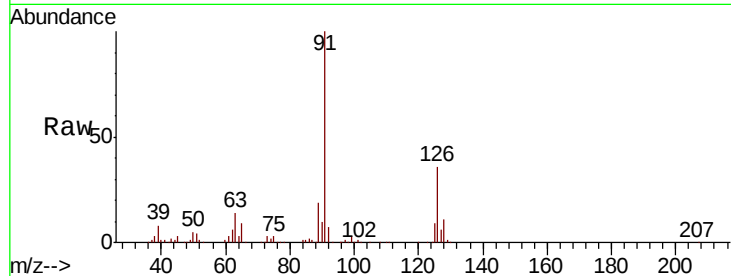




#79
 2-Chlorotoluene
 Concen: 100.233 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

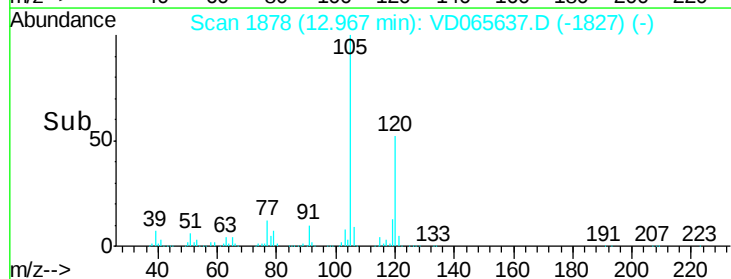
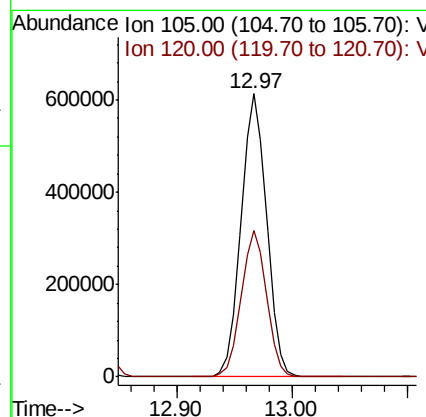
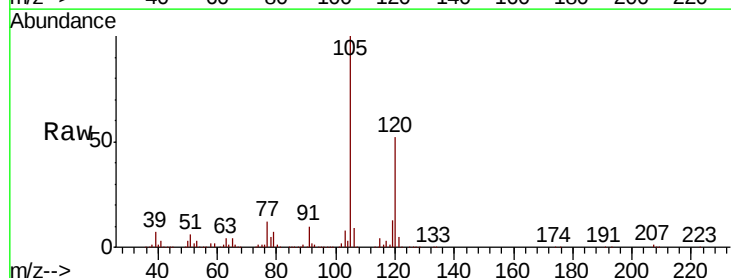
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

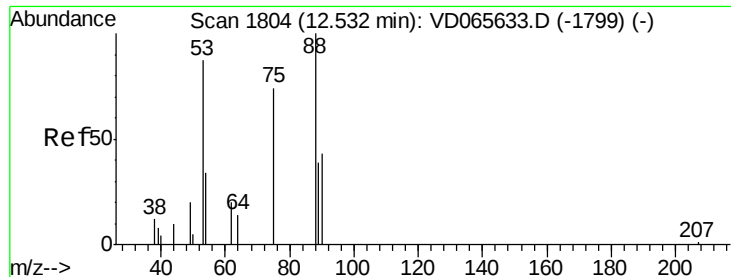
Tot Ion: 91 Resp: 741985
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.8 53.3



#80
 1,3,5-Trimethylbenzene
 Concen: 104.006 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion: 105 Resp: 940118
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 113.639 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

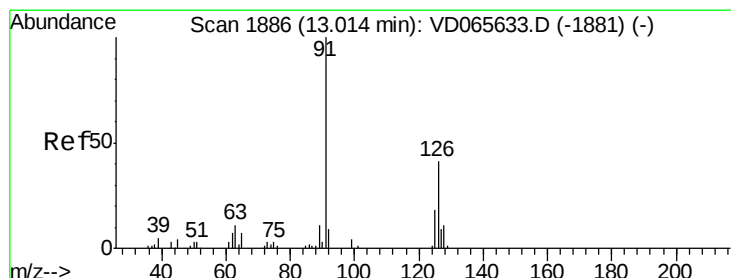
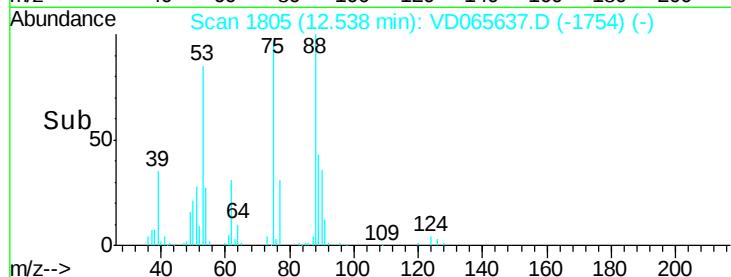
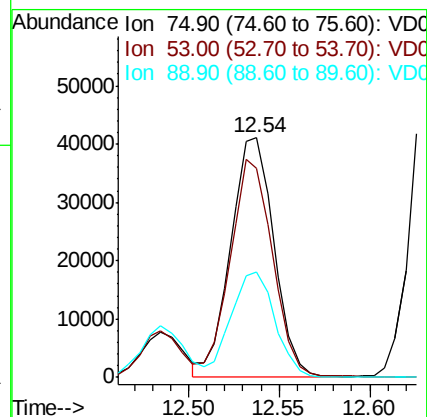
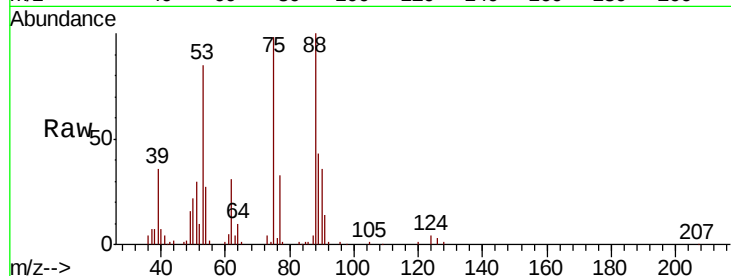
Tot Ion: 75 Resp: 68401

Ion Ratio Lower Upper

75 100

53 89.4 76.8 115.2

89 44.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 97.354 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065637.D

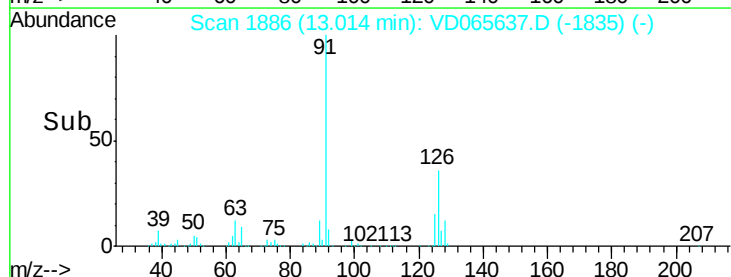
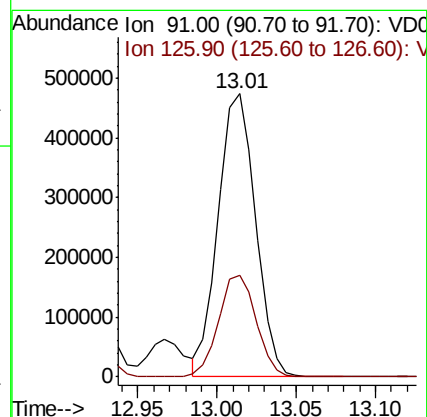
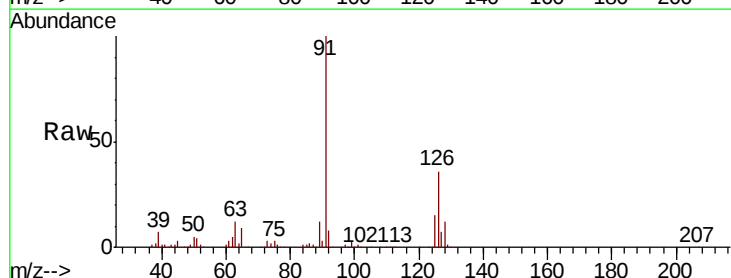
Acq: 15 Apr 2020 16:00

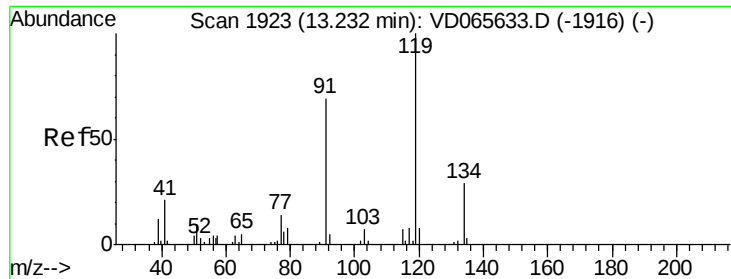
Tgt Ion: 91 Resp: 778438

Ion Ratio Lower Upper

91 100

126 36.1 17.5 52.6

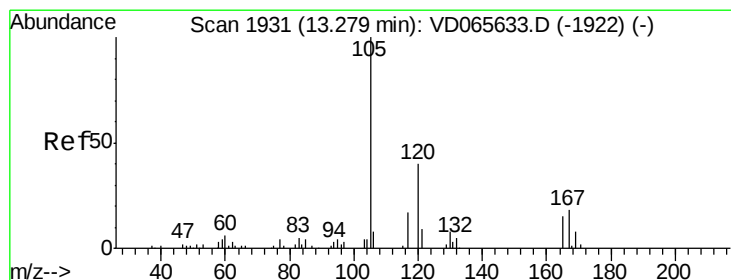
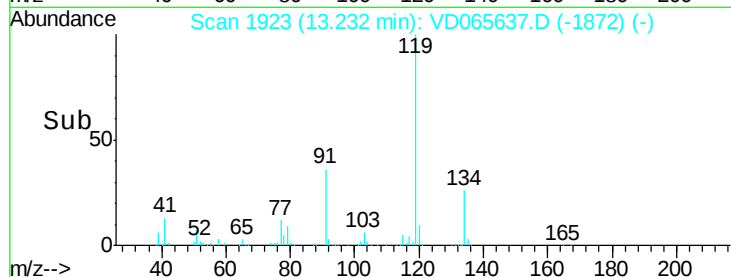
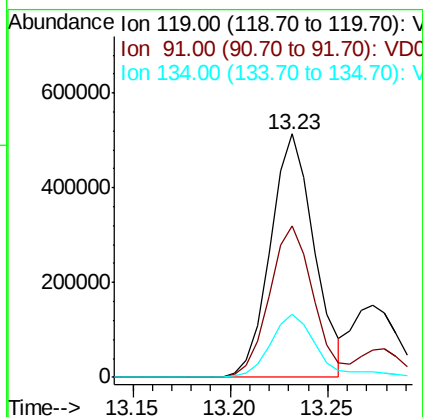
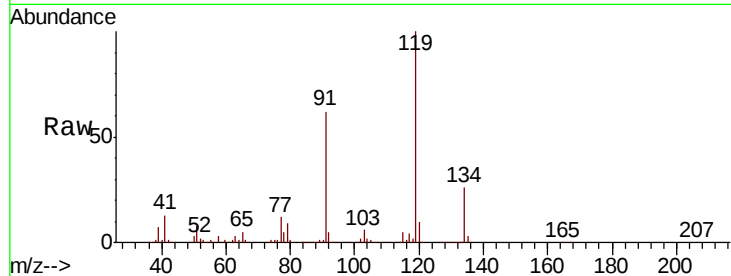




#83
tert-Butylbenzene
Concen: 106.808 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

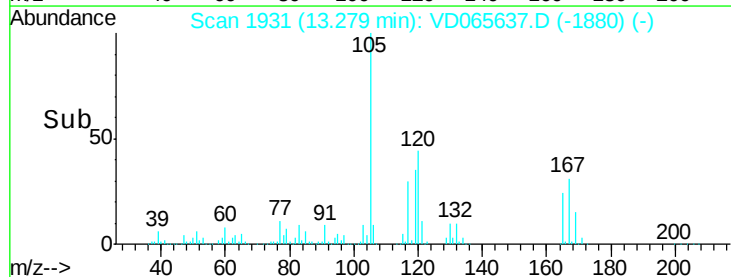
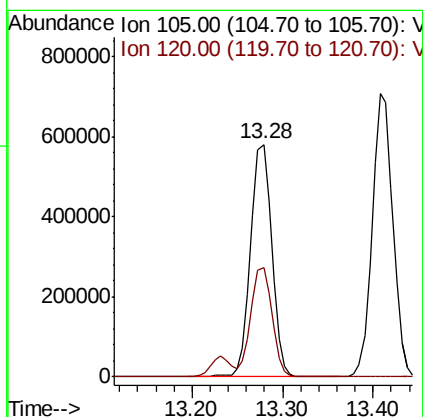
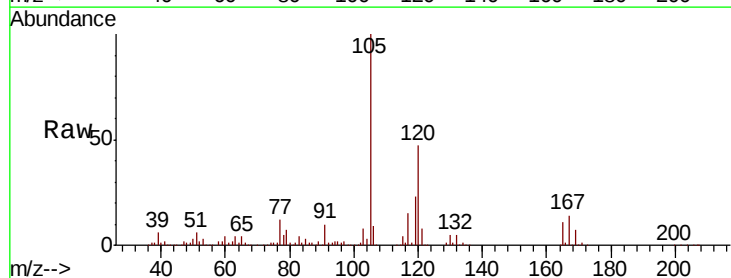
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

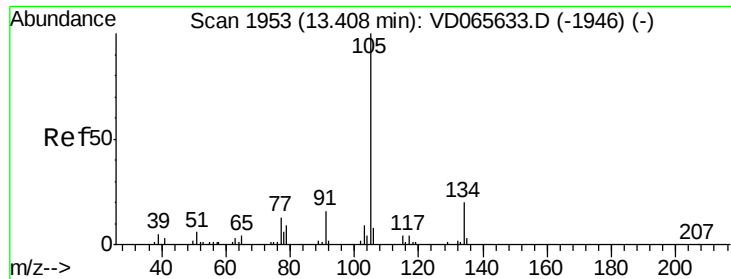
Tot Ion:119 Resp: 799304
Ion Ratio Lower Upper
119 100
91 62.8 31.7 95.1
134 27.8 14.0 41.9



#84
1,2,4-Trimethylbenzene
Concen: 105.483 ug/l
RT: 13.28 min Scan# 1931
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion:105 Resp: 945062
Ion Ratio Lower Upper
105 100
120 46.8 23.5 70.6





#85

sec-Butylbenzene

Concen: 104.049 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

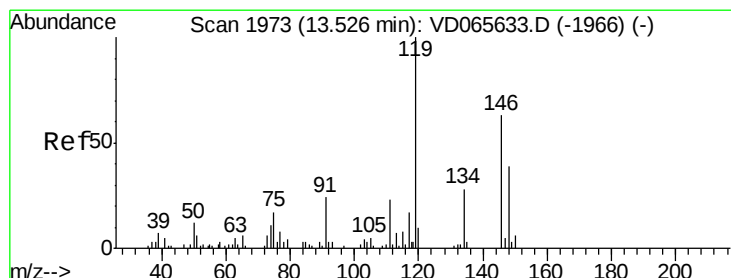
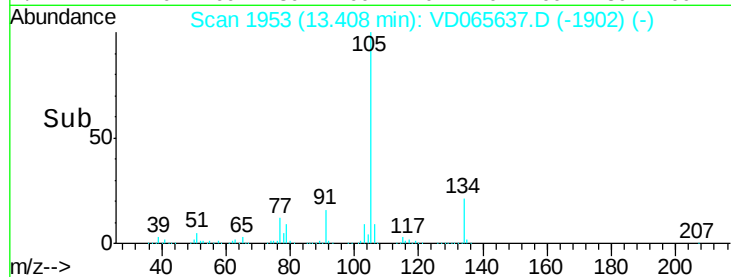
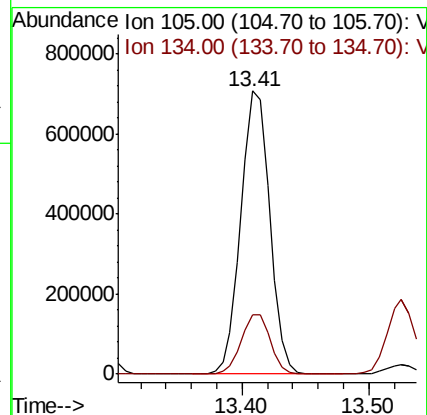
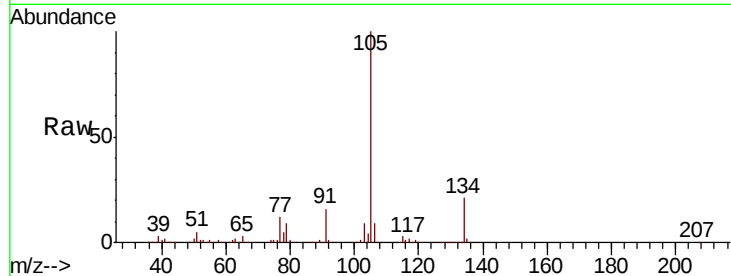
VSTDIC100

Tot Ion:105 Resp: 1117623

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 106.351 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

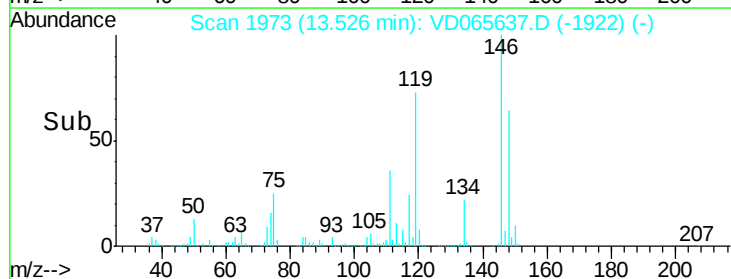
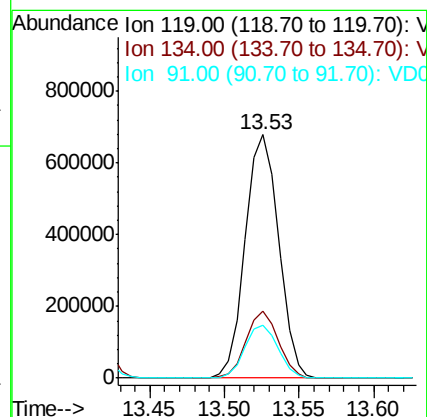
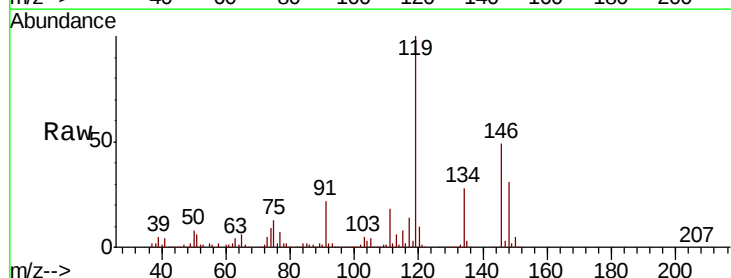
Tgt Ion:119 Resp: 1053384

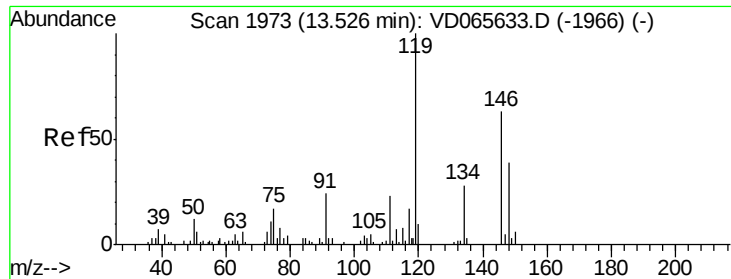
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 21.7 11.1 33.3

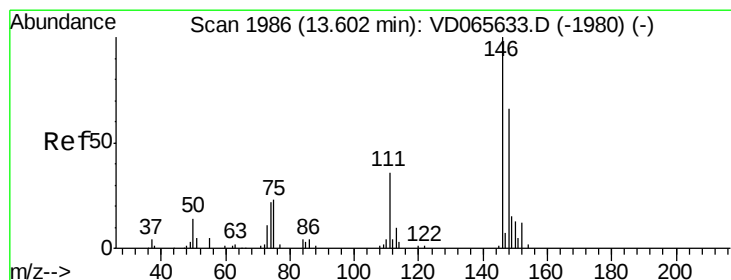
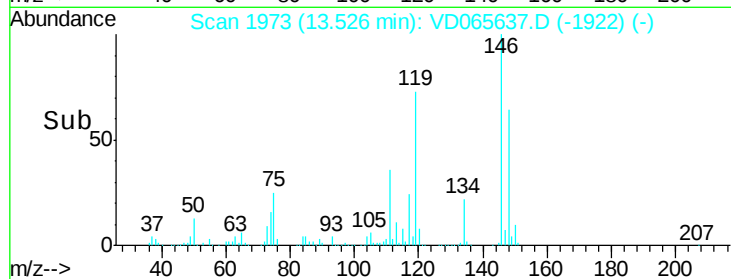
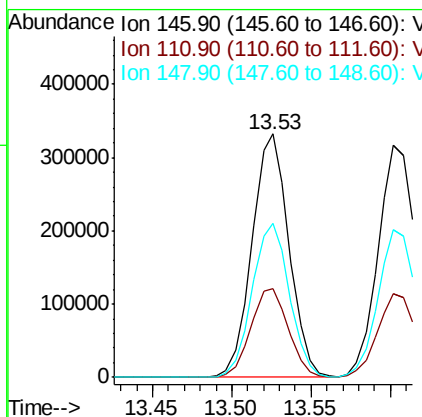
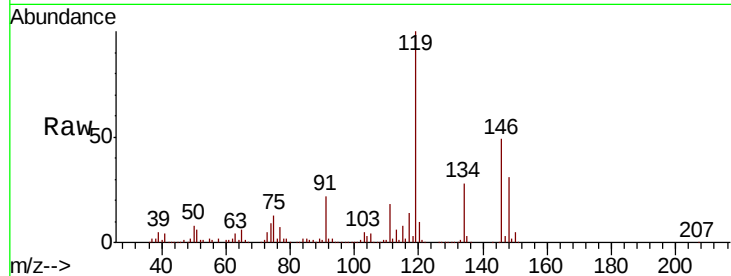




#87
 1,3-Dichlorobenzene
 Concen: 94.231 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

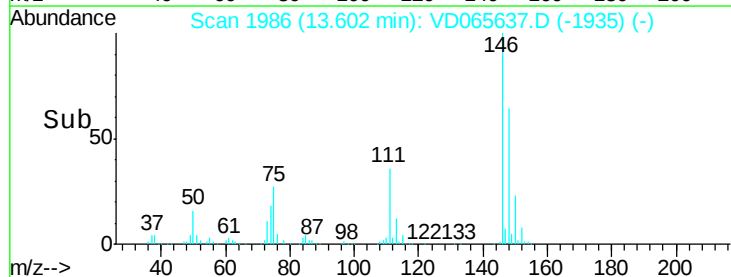
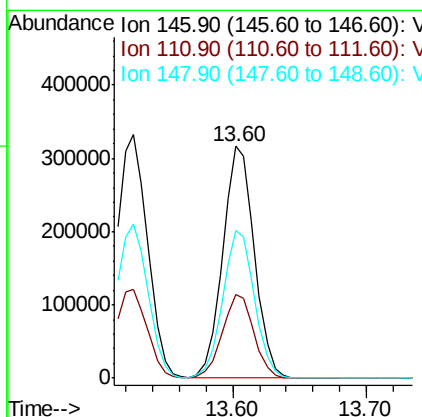
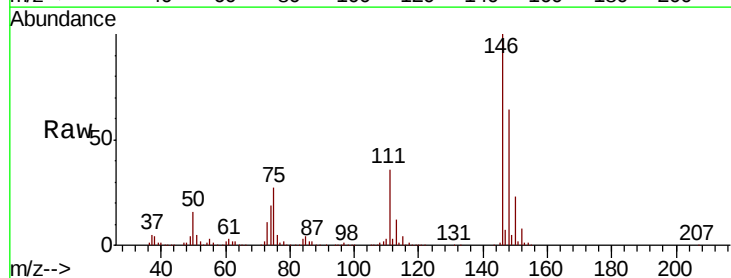
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

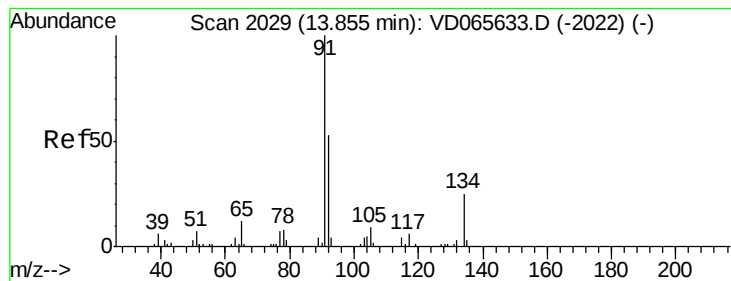
Tot Ion:146 Resp: 537321
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 63.9 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 91.867 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion:146 Resp: 523484
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.0 54.0
 148 63.7 31.4 94.2





#89

n-Butylbenzene

Concen: 107.122 ug/l

RT: 13.86 min Scan# 2029

Delta R.T. 0.01 min

Lab File: VD065637.D

Acq: 15 Apr 2020 16:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

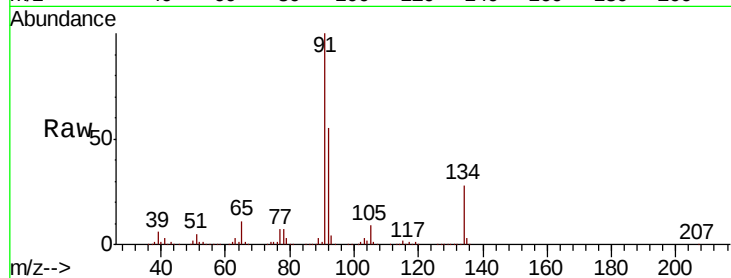
Tot Ion: 91 Resp: 961471

Ion Ratio Lower Upper

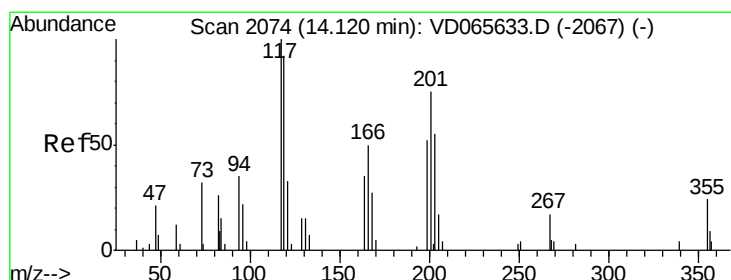
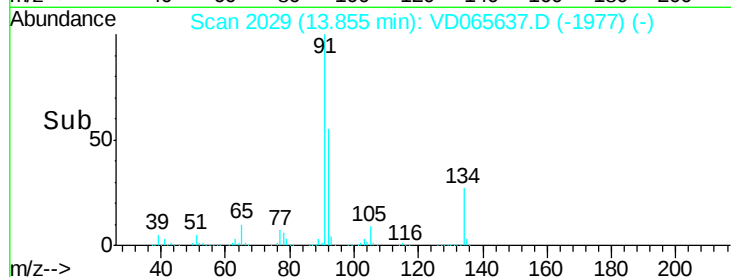
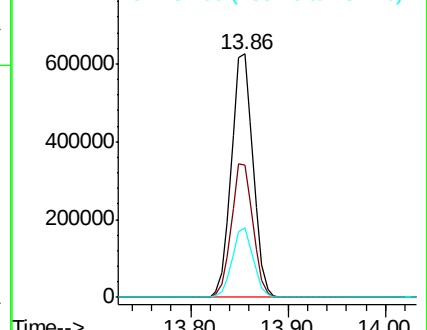
91 100

92 54.6 26.9 80.6

134 27.7 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 93.486 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065637.D

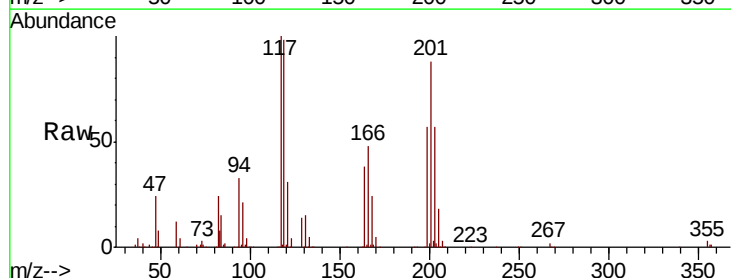
Acq: 15 Apr 2020 16:00

Tgt Ion: 117 Resp: 202703

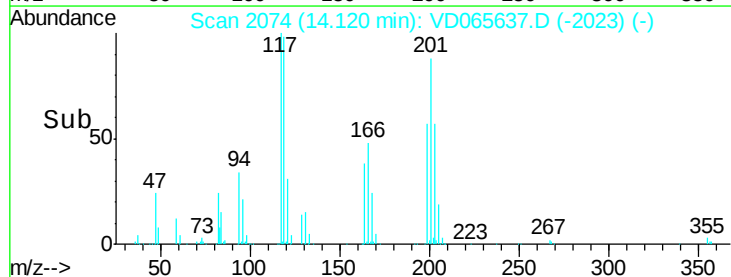
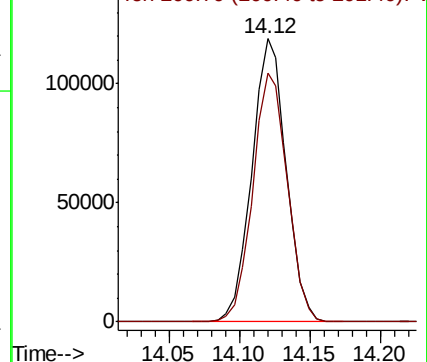
Ion Ratio Lower Upper

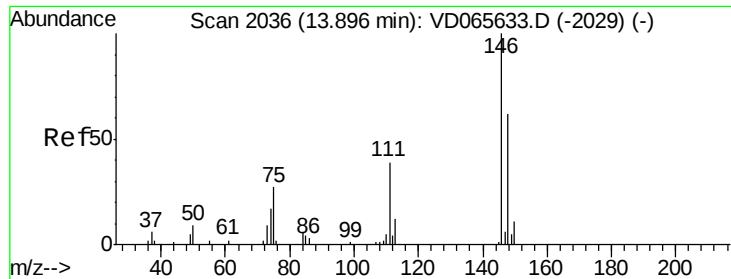
117 100

201 88.5 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

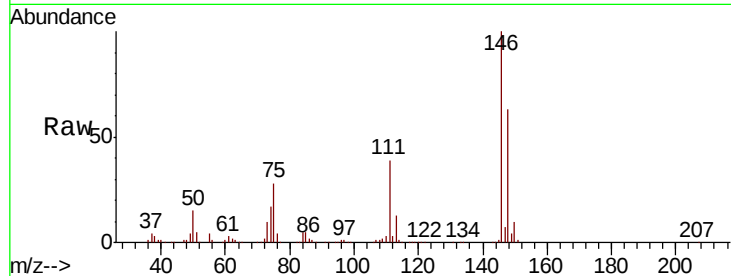




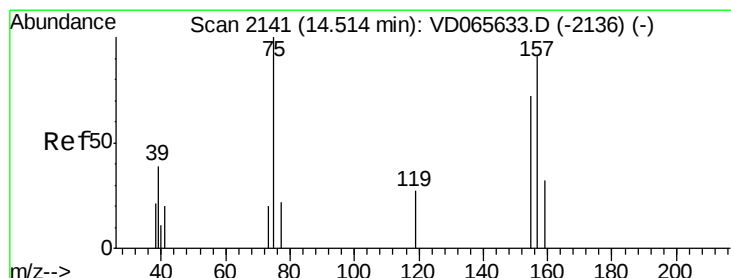
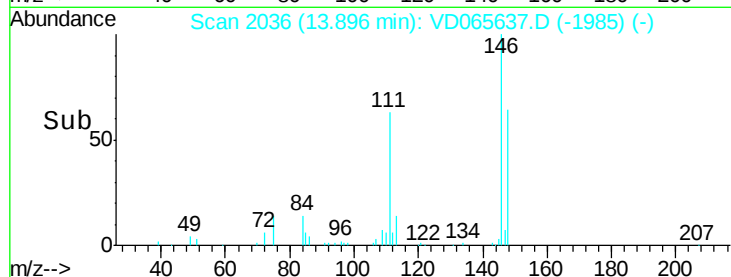
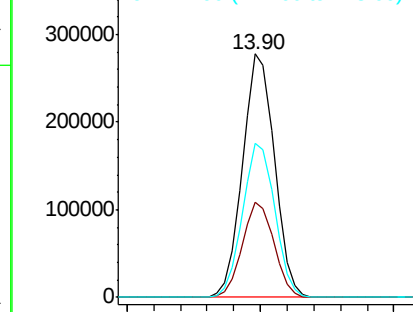
#91
 1,2-Dichlorobenzene
 Concen: 94.327 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.3	57.9
148	63.9	32.0	96.0

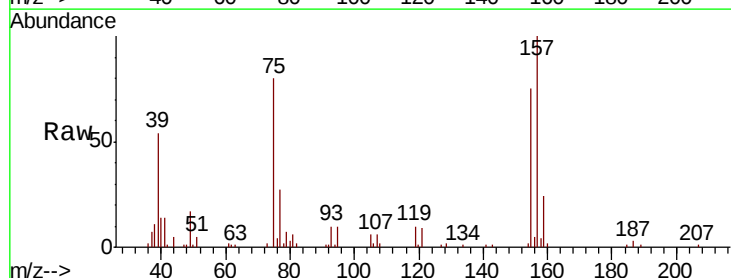


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

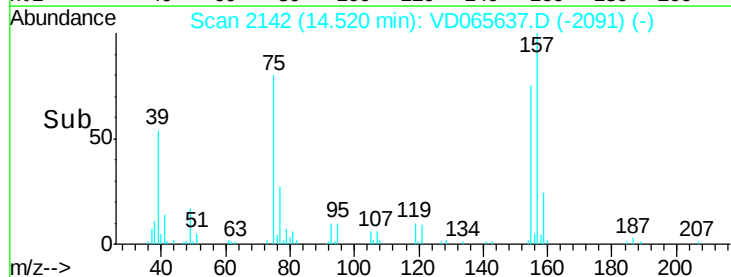
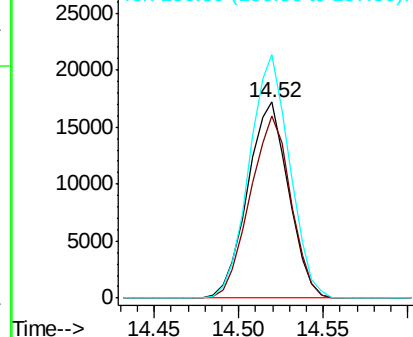


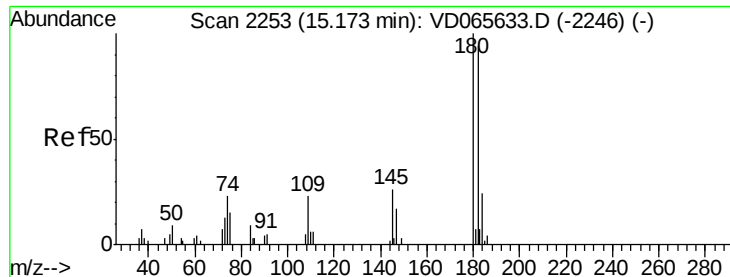
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.124 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	48.0	144.2
157	121.5	59.2	177.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

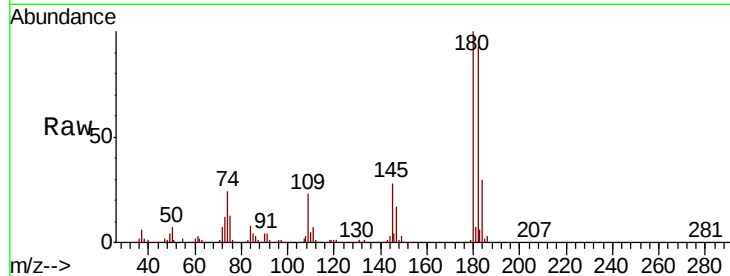




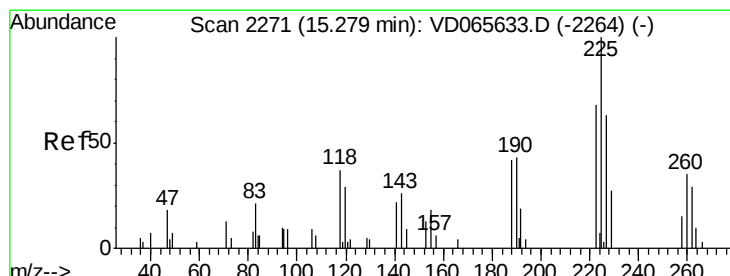
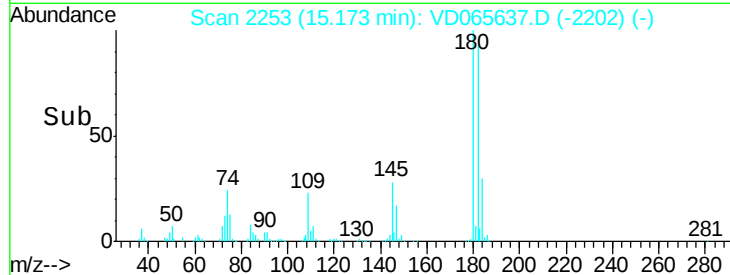
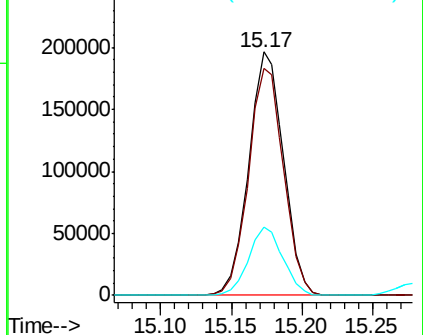
#93
 1,2,4-Trichlorobenzene
 Concen: 105.471 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.9	146.6
145	27.6	13.8	41.3

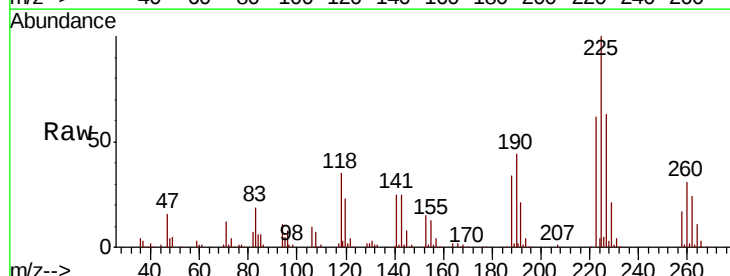


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

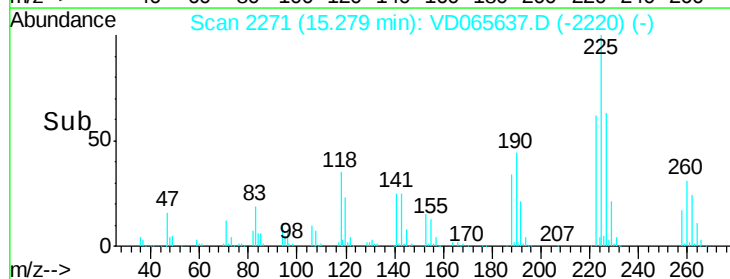
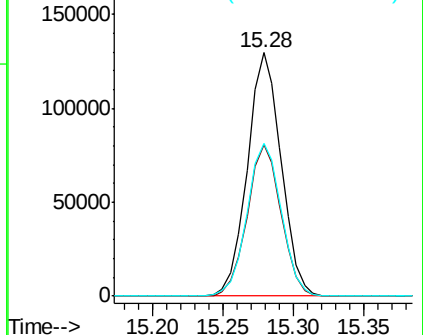


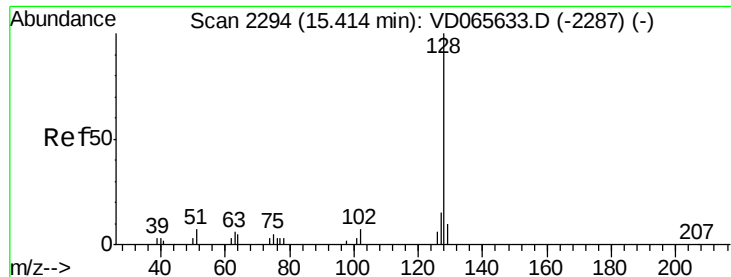
#94
 Hexachlorobutadiene
 Concen: 97.594 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065637.D
 Acq: 15 Apr 2020 16:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.5
227	63.8	32.0	96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

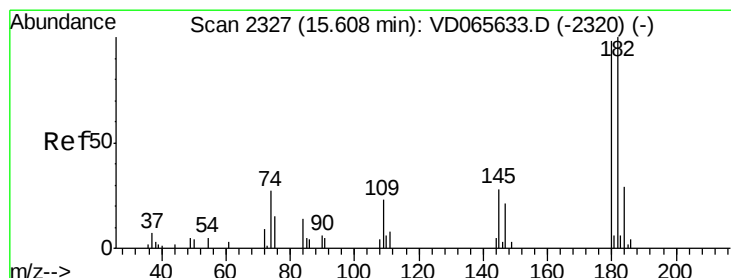
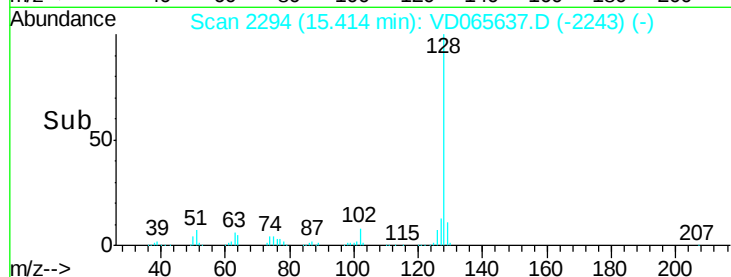
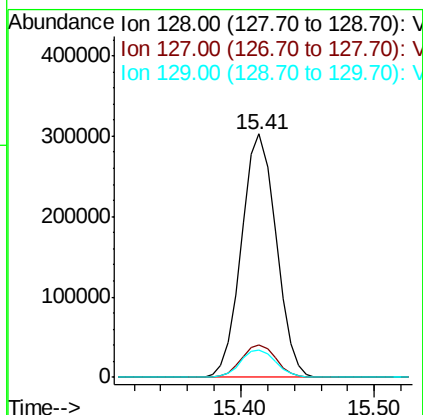
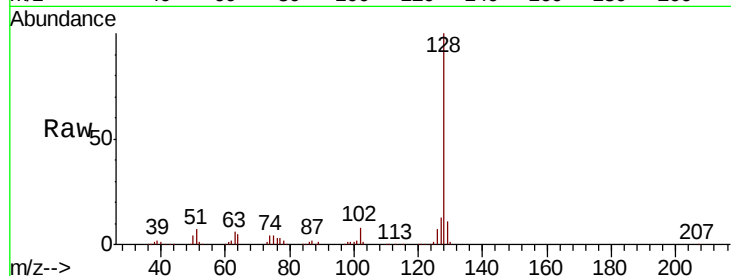




#95
Naphthalene
Concen: 115.177 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 544596
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 102.852 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065637.D
Acq: 15 Apr 2020 16:00

Tgt Ion:180 Resp: 289740
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 29.8 15.0 45.0

