

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
 Data File : VD064305.D
 Acq On : 20 Nov 2019 10:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 12:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	671575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	931645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	783688	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	382786	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	253037	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.92	113	273764	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.34	98	1019058	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	12.64	95	324063	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	251831	45.213	ug/l	99
3) Chloromethane	2.21	50	289456	48.450	ug/l	97
4) Vinyl Chloride	2.35	62	357849	56.012	ug/l	98
5) Bromomethane	2.77	94	240868	59.706	ug/l	99
6) Chloroethane	2.93	64	240564	58.928	ug/l	97
7) Trichlorofluoromethane	3.27	101	619121	59.771	ug/l	97
8) Diethyl Ether	3.71	74	127381	44.725	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	289025	48.819	ug/l	99
10) Methyl Iodide	4.29	142	318049	47.181	ug/l	99
11) Tert butyl alcohol	5.24	59	77656	201.297	ug/l	99
12) 1,1-Dichloroethene	4.06	96	271376	48.090	ug/l	97
13) Acrolein	3.93	56	86603	265.361	ug/l	100
14) Allyl chloride	4.71	41	427083	42.805	ug/l	94
15) Acrylonitrile	5.43	53	260389	214.458	ug/l	99
16) Acetone	4.17	43	310754	237.493	ug/l	95
17) Carbon Disulfide	4.40	76	791087	45.015	ug/l	99
18) Methyl Acetate	4.73	43	148849	40.729	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	571514	42.424	ug/l	97
20) Methylene Chloride	4.96	84	270729	40.960	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	301992	47.235	ug/l	93
22) Diisopropyl ether	6.37	45	805545	43.514	ug/l	98
23) Vinyl Acetate	6.31	43	2257115	218.727	ug/l	98
24) 1,1-Dichloroethane	6.27	63	498286	46.357	ug/l	98
25) 2-Butanone	7.22	43	356579	210.934	ug/l	94
26) 2,2-Dichloropropane	7.21	77	474487	45.012	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	325206	47.432	ug/l	95
28) Bromochloromethane	7.55	49	188009	50.240	ug/l	96
29) Tetrahydrofuran	7.57	42	204196	201.045	ug/l	97
30) Chloroform	7.71	83	525542	47.798	ug/l	100
31) Cyclohexane	7.98	56	466635	43.046	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	496398	47.150	ug/l	100
36) 1,1-Dichloropropene	8.11	75	416077	48.391	ug/l	100
37) Ethyl Acetate	7.30	43	141610	39.067	ug/l	98
38) Carbon Tetrachloride	8.09	117	453786	49.323	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
 Data File : VD064305.D
 Acq On : 20 Nov 2019 10:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 12:39:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	526157	48.360	ug/l	95
40) Benzene	8.35	78	1115169	47.456	ug/l	97
41) Methacrylonitrile	7.53	41	89673	39.360	ug/l #	92
42) 1,2-Dichloroethane	8.43	62	309056	43.789	ug/l	99
43) Isopropyl Acetate	8.46	43	303656	40.658	ug/l	99
44) Trichloroethene	9.11	130	344340	48.823	ug/l	96
45) 1,2-Dichloropropane	9.39	63	270648	47.319	ug/l	98
46) Dibromomethane	9.48	93	141804	46.310	ug/l	98
47) Bromodichloromethane	9.67	83	386421	46.850	ug/l	97
48) Methyl methacrylate	9.46	41	140789	38.551	ug/l	96
49) 1,4-Dioxane	9.47	88	32731	890.029	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	729905	203.797	ug/l	98
52) Toluene	10.41	92	732152	47.382	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	364090	44.062	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	442833	45.925	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	190308	45.814	ug/l	97
56) Ethyl methacrylate	10.67	69	245328	42.219	ug/l	95
57) 1,3-Dichloropropane	10.95	76	333529	46.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	519177	220.570	ug/l	99
59) 2-Hexanone	10.99	43	534550	209.787	ug/l	98
60) Dibromochloromethane	11.14	129	265624	45.827	ug/l	100
61) 1,2-Dibromoethane	11.25	107	190058	45.681	ug/l	99
64) Tetrachloroethene	10.88	164	290149	48.139	ug/l	97
65) Chlorobenzene	11.67	112	770706	48.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	290420	47.927	ug/l	100
67) Ethyl Benzene	11.75	91	1404058	48.708	ug/l	99
68) m/p-Xylenes	11.86	106	1081494	97.881	ug/l	99
69) o-Xylene	12.18	106	492687	48.079	ug/l	99
70) Styrene	12.20	104	850431	47.543	ug/l	98
71) Bromoform	12.37	173	159039	46.117	ug/l #	98
73) Isopropylbenzene	12.48	105	1379874	49.112	ug/l	100
74) N-amyl acetate	12.30	43	267324	40.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	191242	45.172	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	259882	84.289	ug/l #	100
77) Bromobenzene	12.77	156	322389	47.231	ug/l	97
78) n-propylbenzene	12.83	91	1566054	48.786	ug/l	100
79) 2-Chlorotoluene	12.91	91	850015	46.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	1111390	48.140	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	63701	41.040	ug/l	97
82) 4-Chlorotoluene	13.01	91	886156	46.879	ug/l	98
83) tert-Butylbenzene	13.23	119	971972	47.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1083295	47.528	ug/l	100
85) sec-Butylbenzene	13.41	105	1346376	49.242	ug/l	100
86) p-Isopropyltoluene	13.53	119	1270187	48.865	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	609330	48.090	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	594578	48.080	ug/l	100
89) n-Butylbenzene	13.86	91	1133846	48.281	ug/l	99
90) Hexachloroethane	14.12	117	234163	48.744	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	514347	47.960	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	30392	40.151	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
Data File : VD064305.D
Acq On : 20 Nov 2019 10:59
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 20 12:39:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration

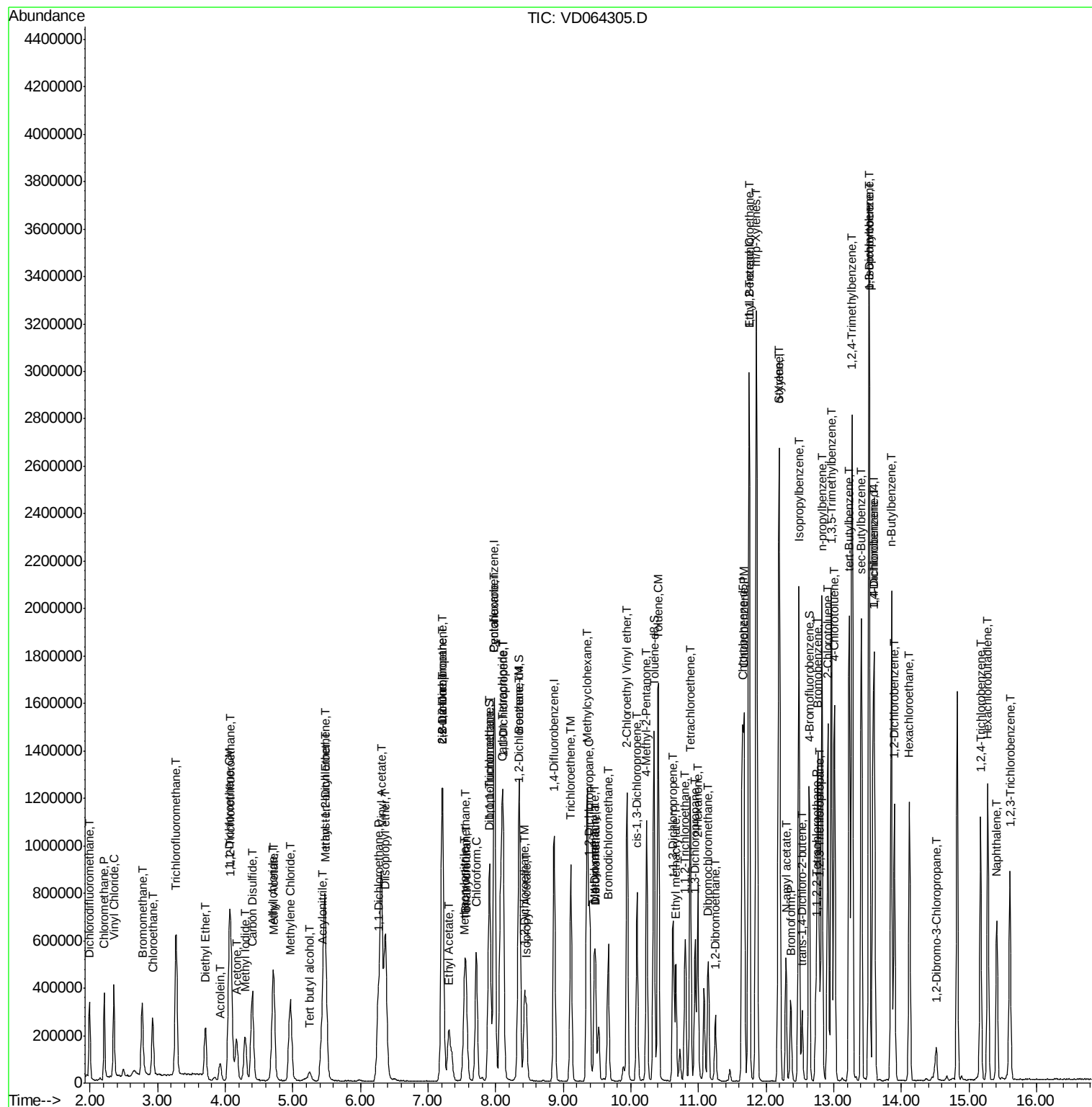
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	386862	46.762	ug/l	99
94) Hexachlorobutadiene	15.28	225	259794	48.618	ug/l	98
95) Naphthalene	15.41	128	603219	44.480	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	325776	46.325	ug/l	99

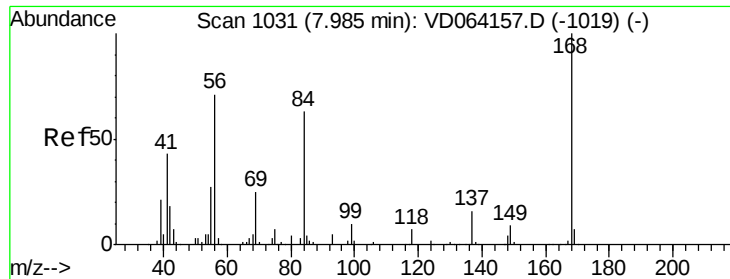
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112019\
Data File : VD064305.D
Acq On : 20 Nov 2019 10:59
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Nov 20 12:39:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

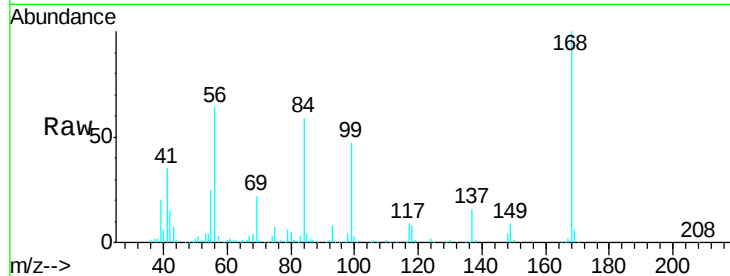
VSTDCCC050

Tgt Ion:168 Resp: 671575

Ion Ratio Lower Upper

168 100

99 47.3 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

300000

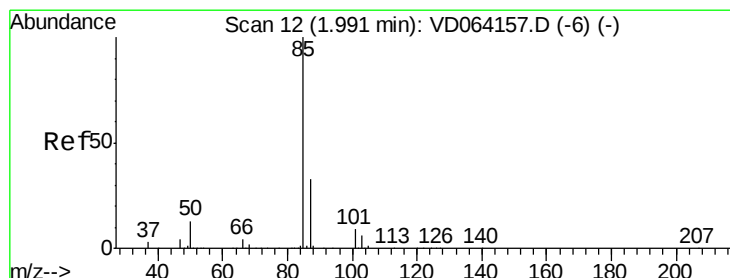
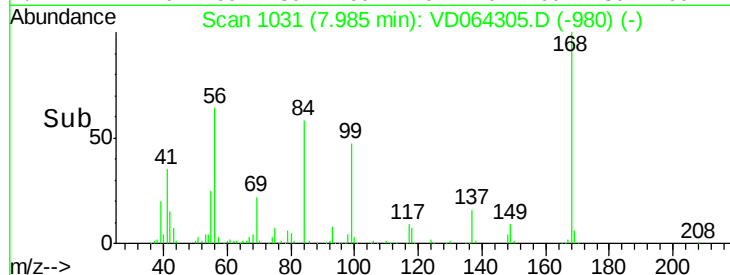
200000

100000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.213 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD064305.D

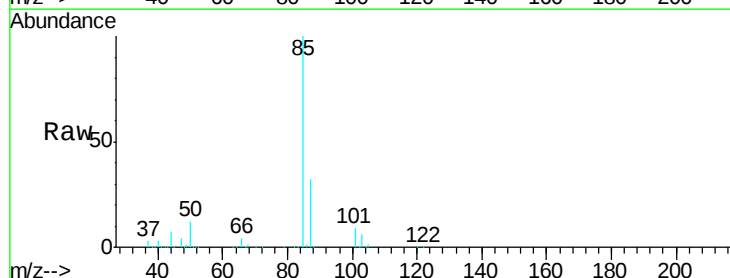
Acq: 20 Nov 2019 10:59

Tgt Ion: 85 Resp: 251831

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

200000

150000

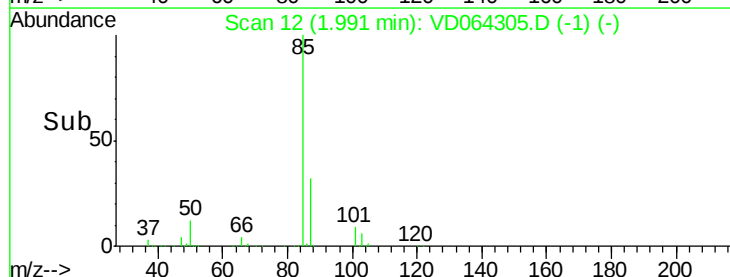
100000

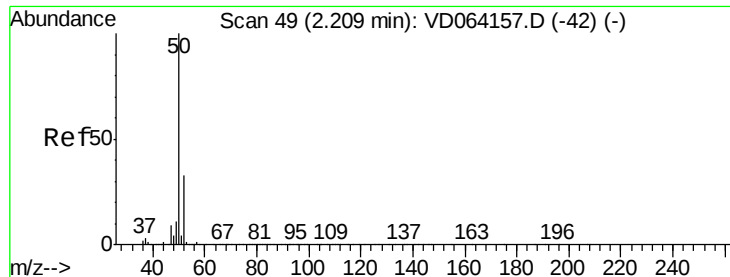
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 48.450 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

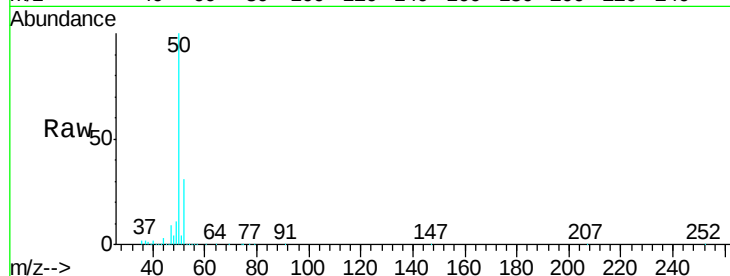
VSTDCCC050

Tgt Ion: 50 Resp: 289456

Ion Ratio Lower Upper

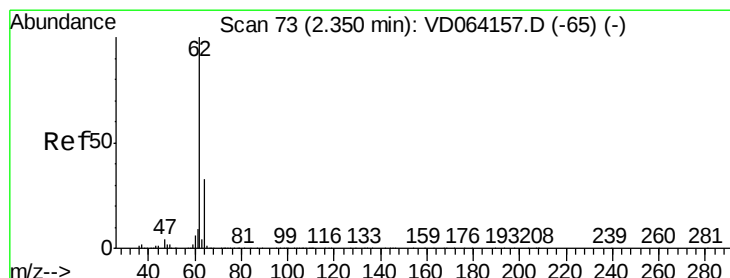
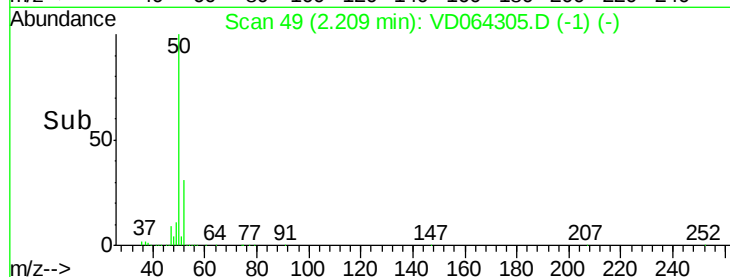
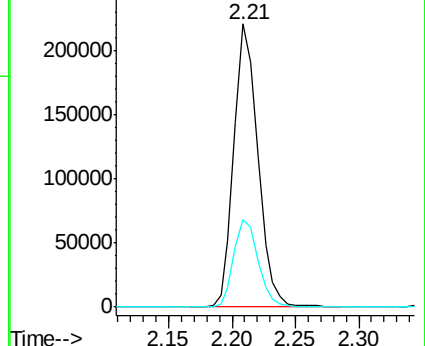
50 100

52 30.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 56.012 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD064305.D

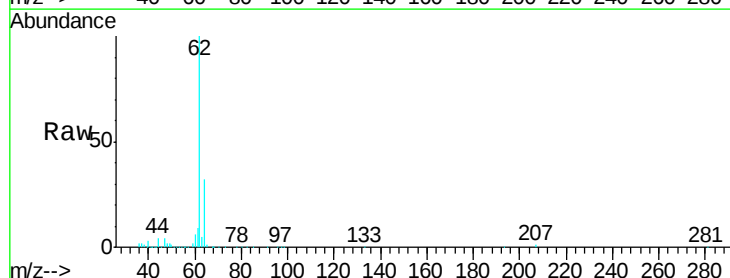
Acq: 20 Nov 2019 10:59

Tgt Ion: 62 Resp: 357849

Ion Ratio Lower Upper

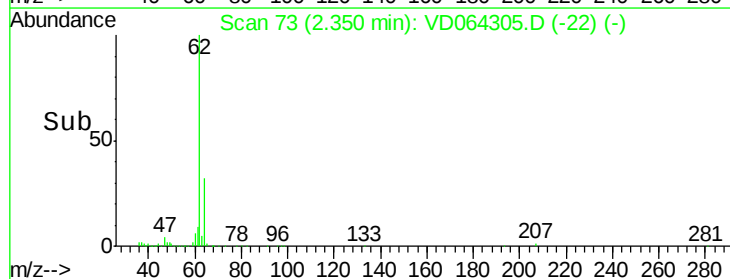
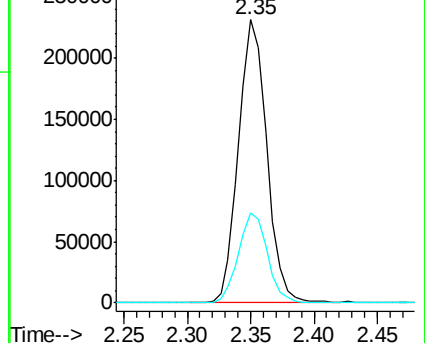
62 100

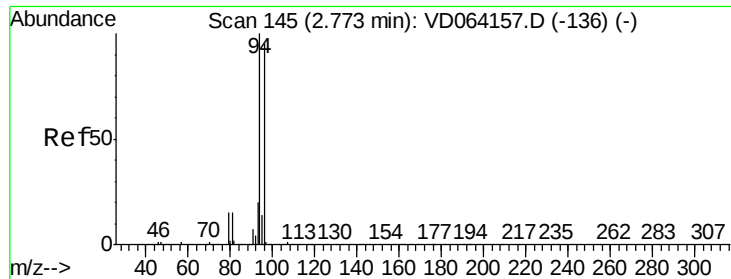
64 31.7 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 59.706 ug/l

RT: 2.77 min Scan# 145

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

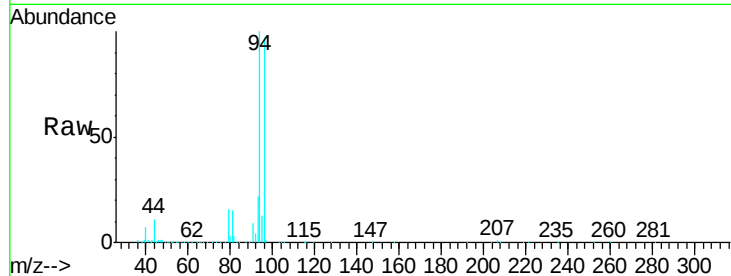
VSTDCCC050

Tgt Ion: 94 Resp: 240868

Ion Ratio Lower Upper

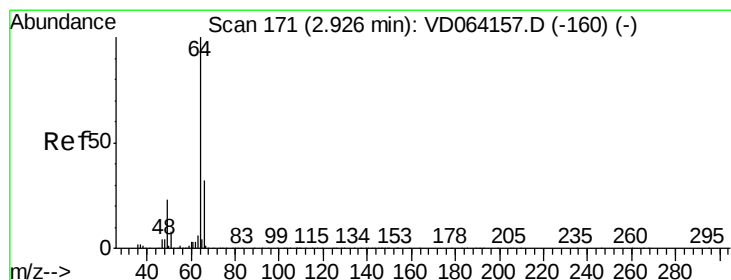
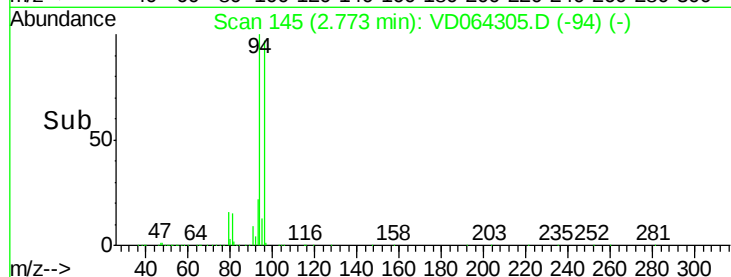
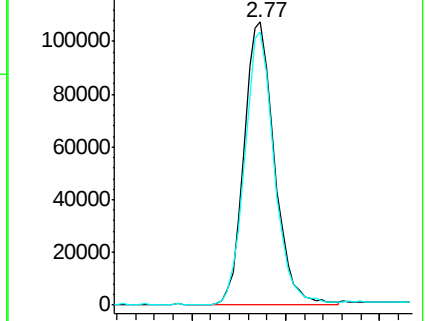
94 100

96 96.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 58.928 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD064305.D

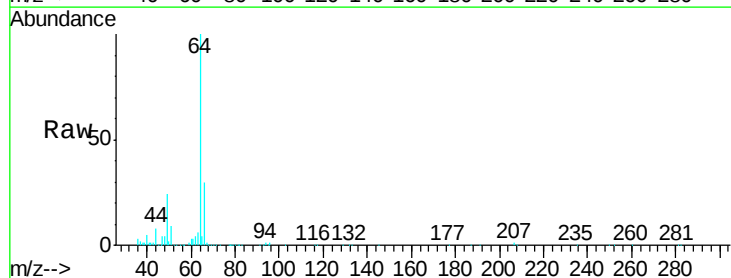
Acq: 20 Nov 2019 10:59

Tgt Ion: 64 Resp: 240564

Ion Ratio Lower Upper

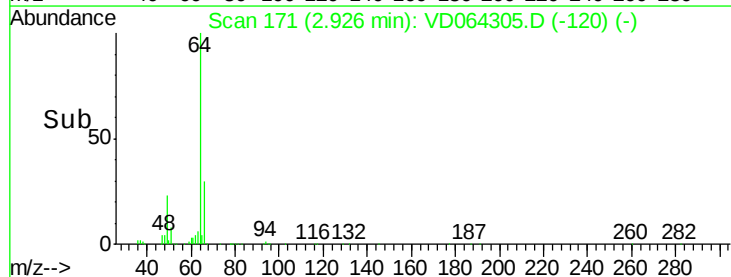
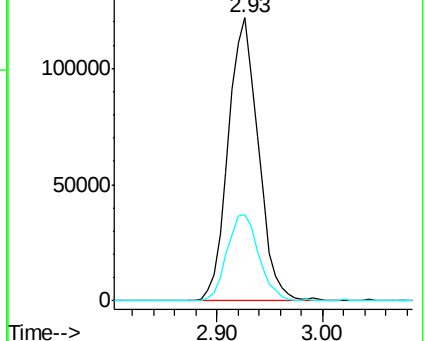
64 100

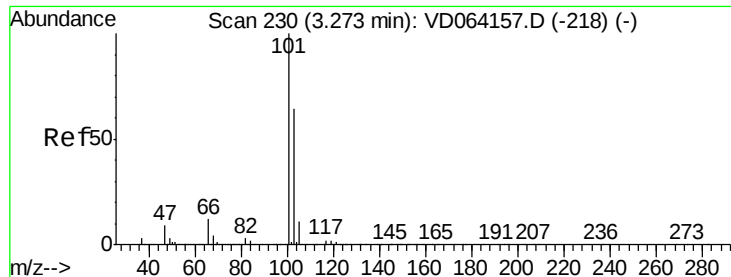
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



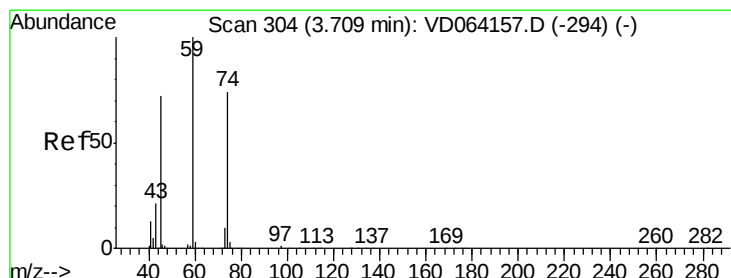
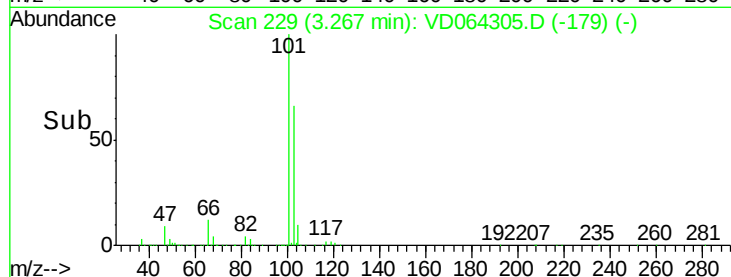
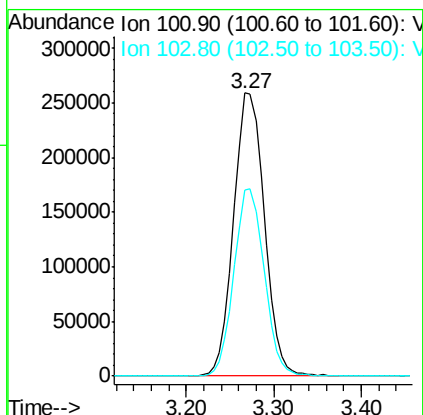
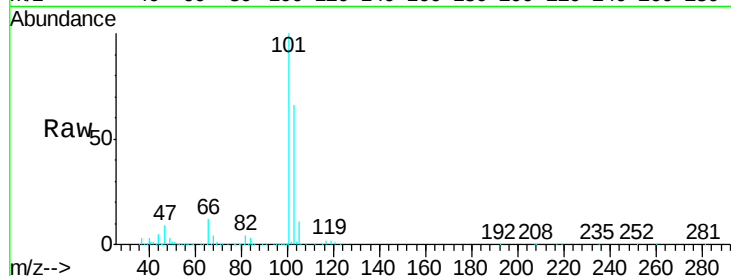


#7

Trichlorofluoromethane
 Concen: 59.771 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

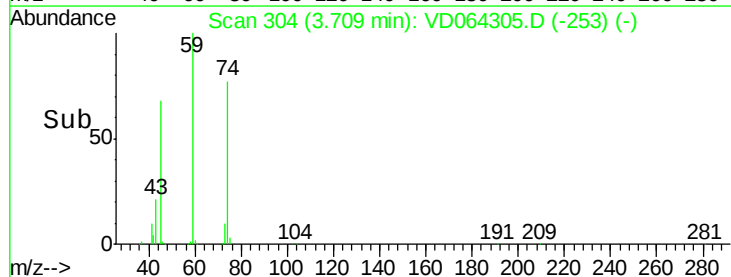
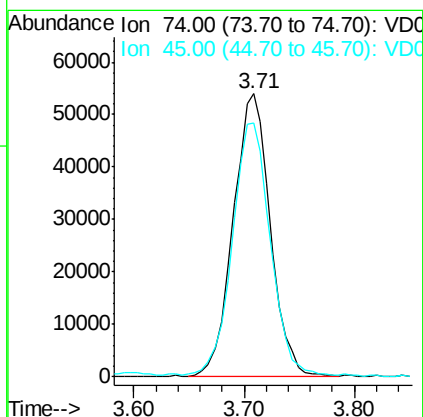
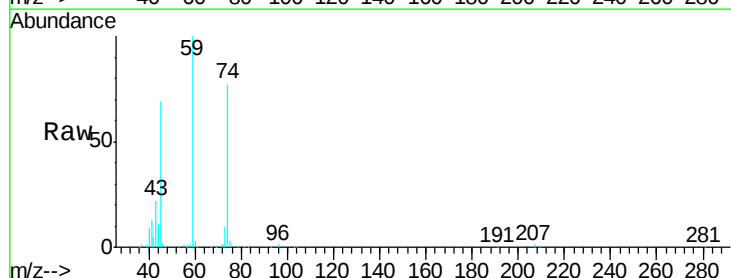
Tgt Ion:101 Resp: 619121
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.8 76.2



#8

Diethyl Ether
 Concen: 44.725 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 74 Resp: 127381
 Ion Ratio Lower Upper
 74 100
 45 90.9 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.819 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

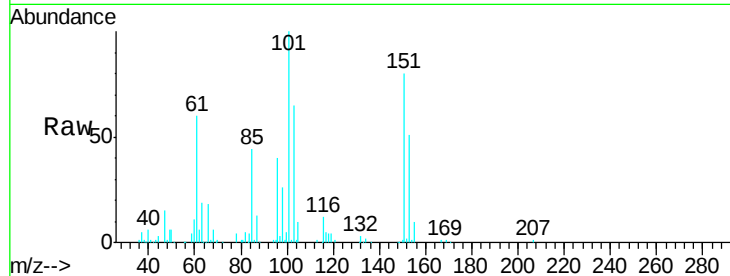
Tgt Ion:101 Resp: 289025

Ion Ratio Lower Upper

101 100

85 43.5 34.4 51.6

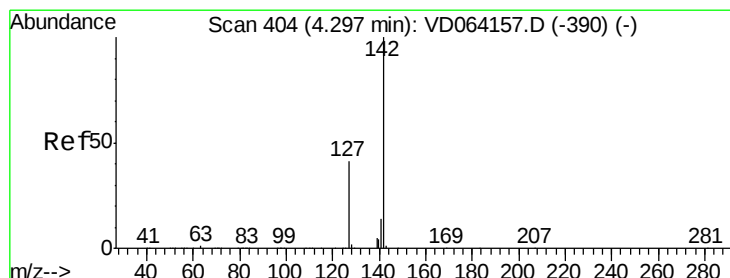
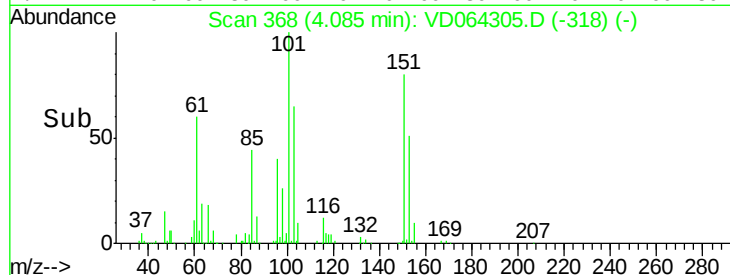
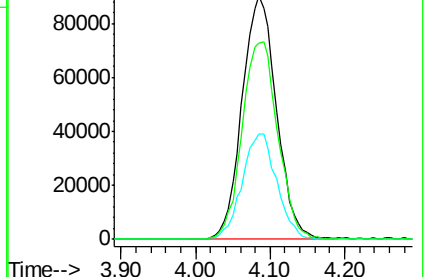
151 84.1 68.1 102.1



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: 47.181 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

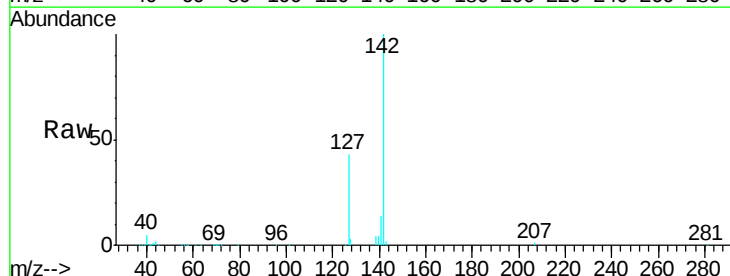
Tgt Ion:142 Resp: 318049

Ion Ratio Lower Upper

142 100

127 42.8 34.4 51.6

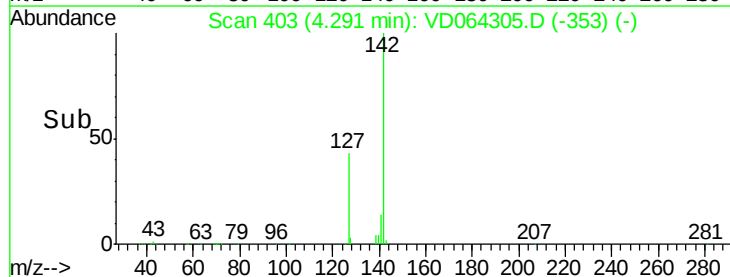
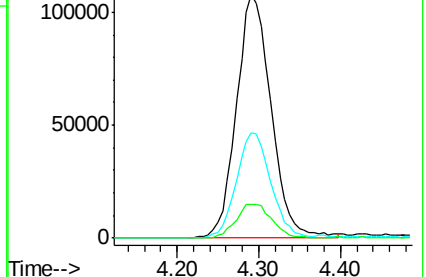
141 14.6 11.2 16.8

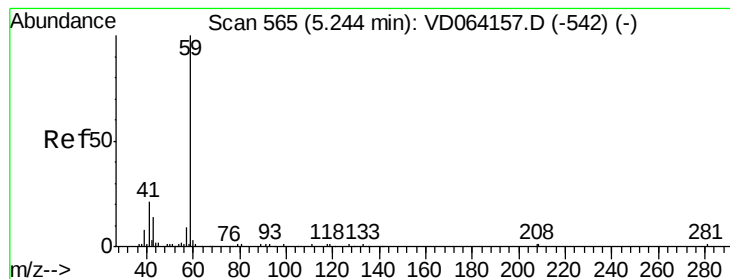


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



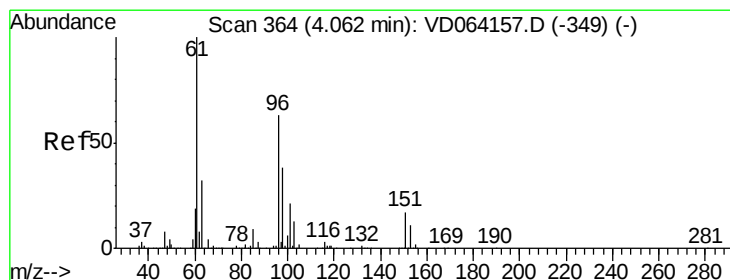
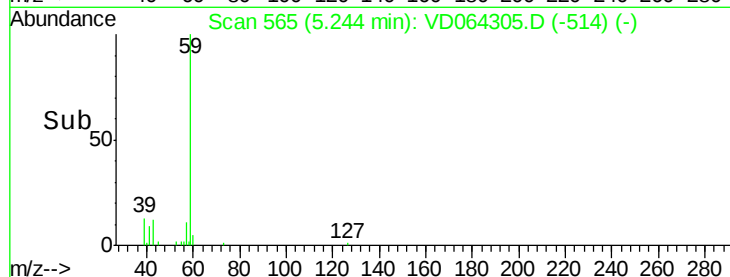
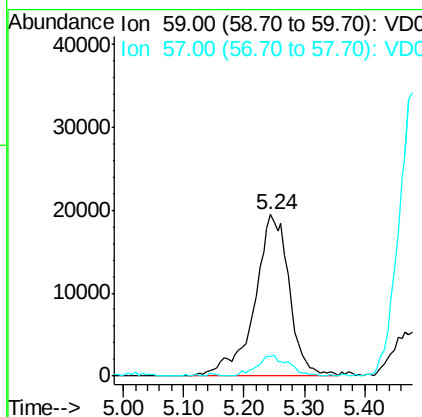
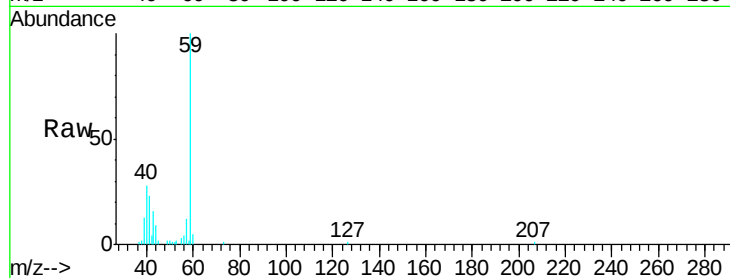


#11

Tert butyl alcohol
 Concen: 201.297 ug/l
 RT: 5.24 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

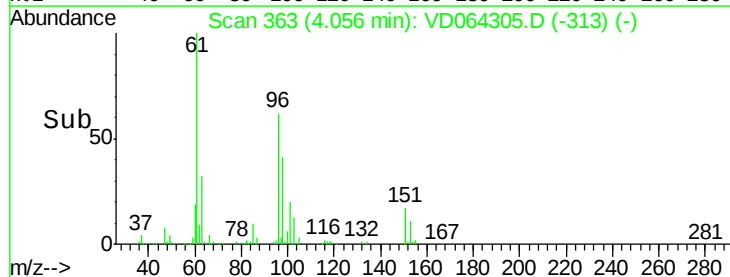
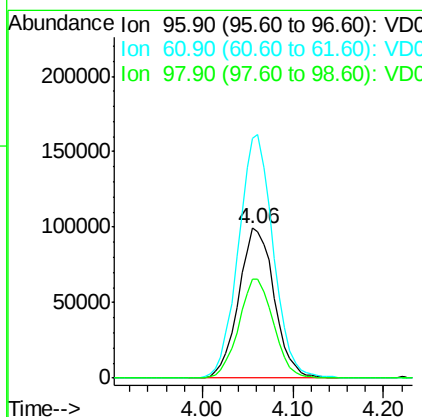
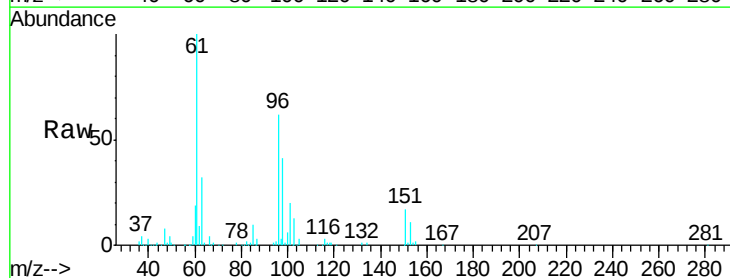
Tgt Ion: 59 Resp: 77656
 Ion Ratio Lower Upper
 59 100
 57 11.6 9.4 14.2

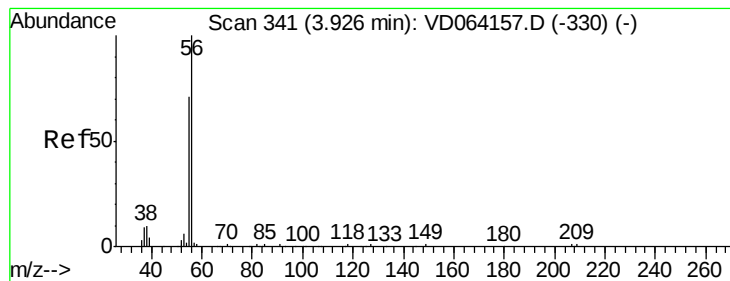


#12

1,1-Dichloroethene
 Concen: 48.090 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 96 Resp: 271376
 Ion Ratio Lower Upper
 96 100
 61 160.1 127.4 191.2
 98 65.8 48.1 72.1





#13

Acrolein

Concen: 265.361 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

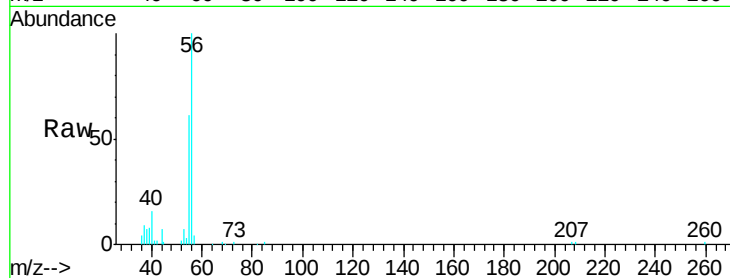
VSTDCCC050

Tgt Ion: 56 Resp: 86603

Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

40000

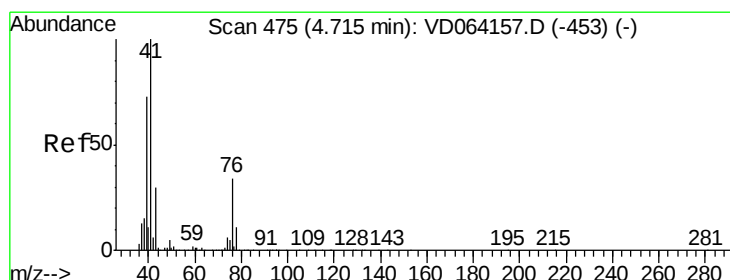
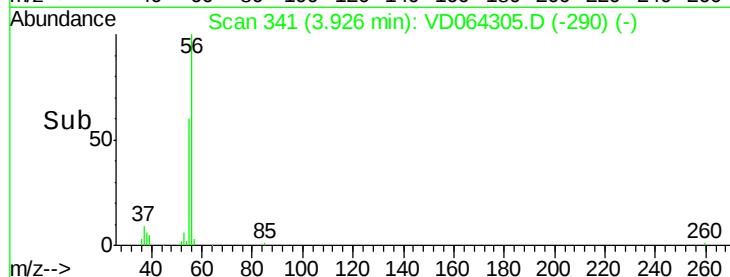
30000

20000

10000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 42.805 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

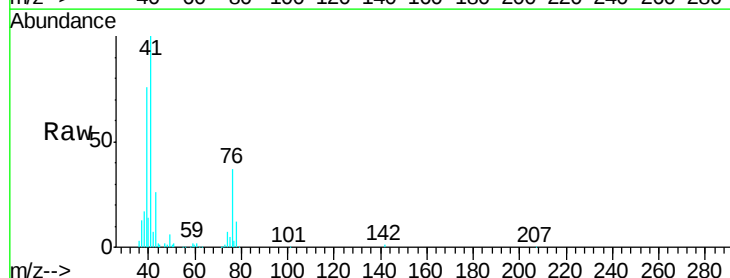
Tgt Ion: 41 Resp: 427083

Ion Ratio Lower Upper

41 100

39 77.0 57.5 86.3

76 36.7 26.8 40.2



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

4.71

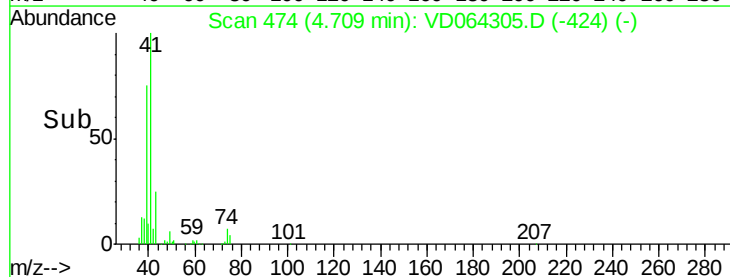
150000

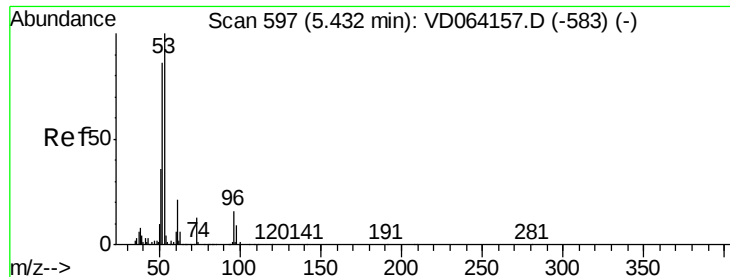
100000

50000

0

Time--> 4.50 4.60 4.70 4.80





#15

Acrylonitrile

Concen: 214.458 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

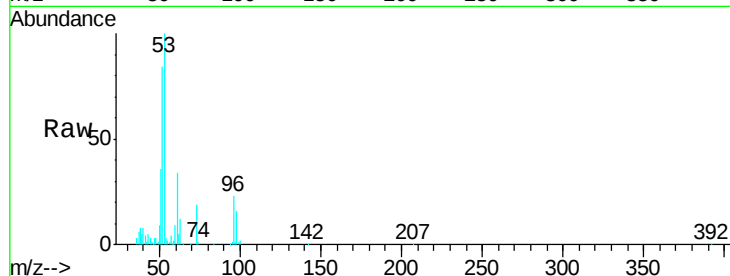
Tgt Ion: 53 Resp: 260389

Ion Ratio Lower Upper

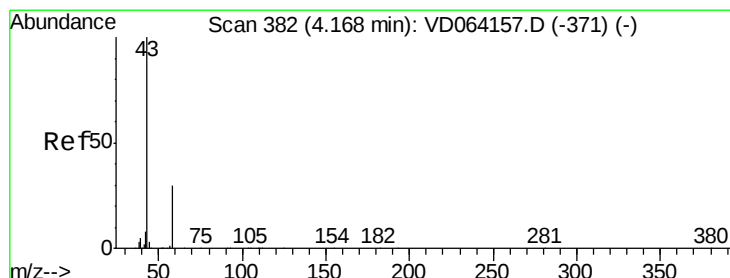
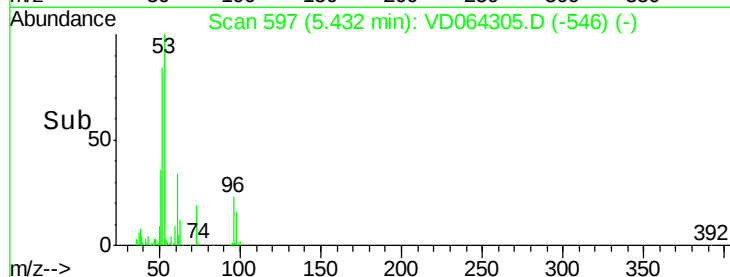
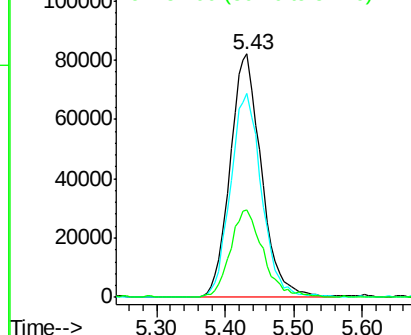
53 100

52 82.6 66.7 100.1

51 37.9 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 237.493 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.00 min

Lab File: VD064305.D

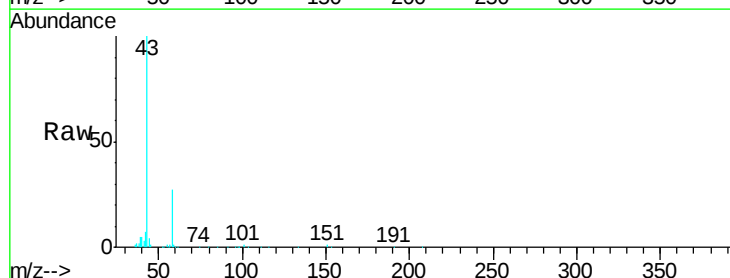
Acq: 20 Nov 2019 10:59

Tgt Ion: 43 Resp: 310754

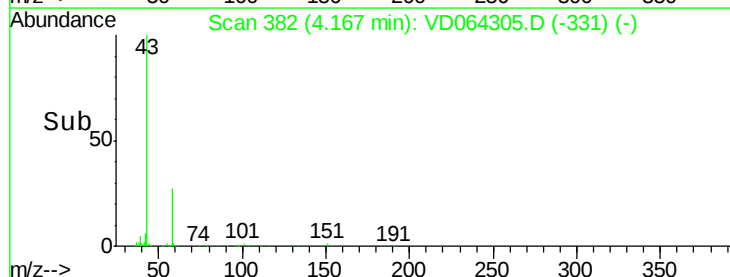
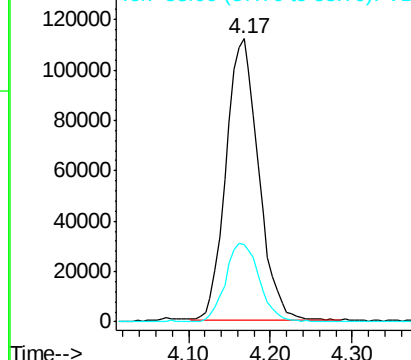
Ion Ratio Lower Upper

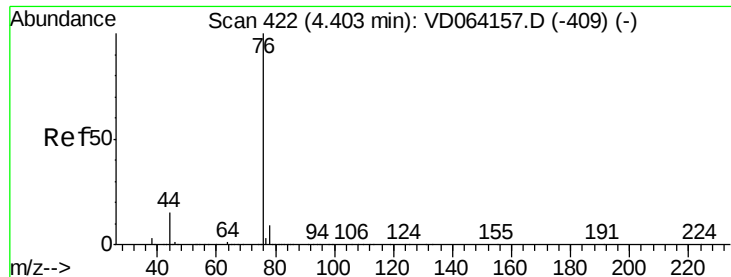
43 100

58 27.4 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 45.015 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

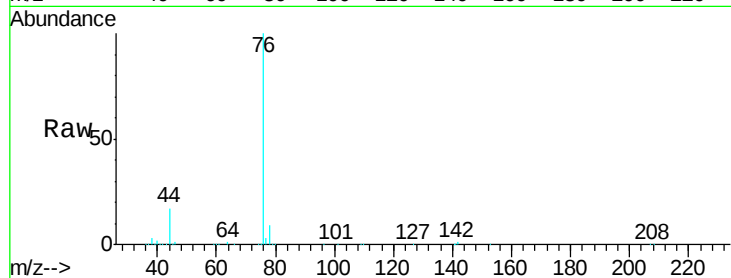
VSTDCCC050

Tgt Ion: 76 Resp: 791087

Ion Ratio Lower Upper

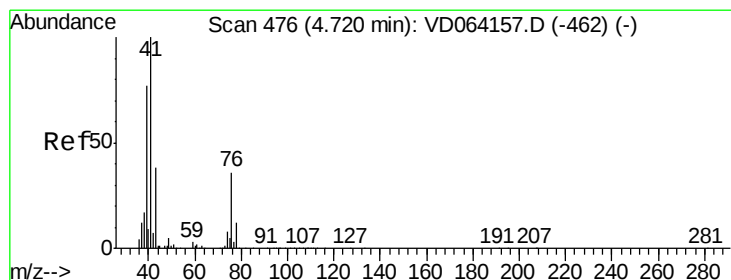
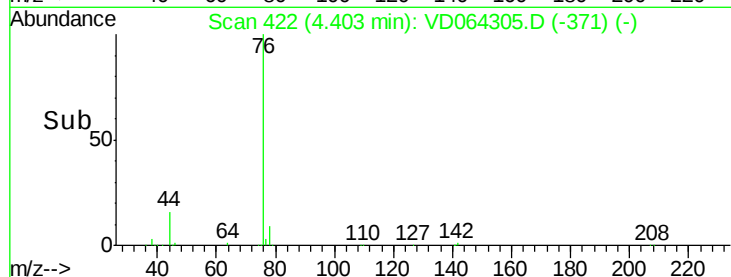
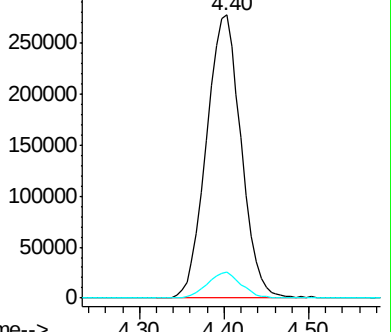
76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 40.729 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.01 min

Lab File: VD064305.D

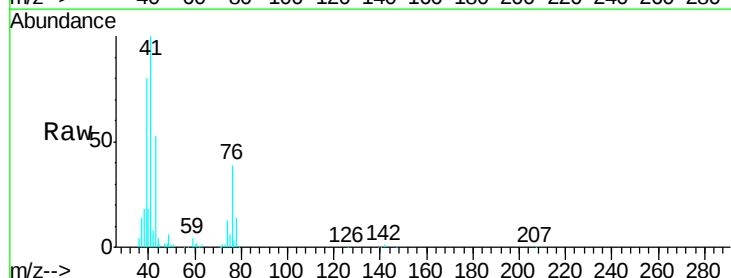
Acq: 20 Nov 2019 10:59

Tgt Ion: 43 Resp: 148849

Ion Ratio Lower Upper

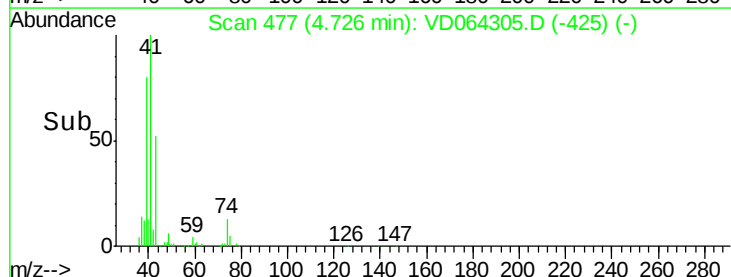
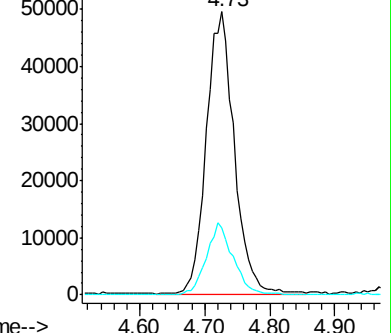
43 100

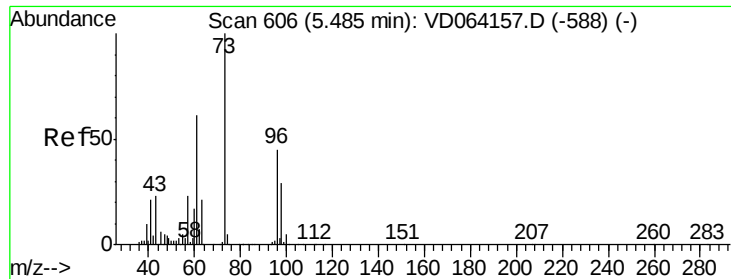
74 23.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

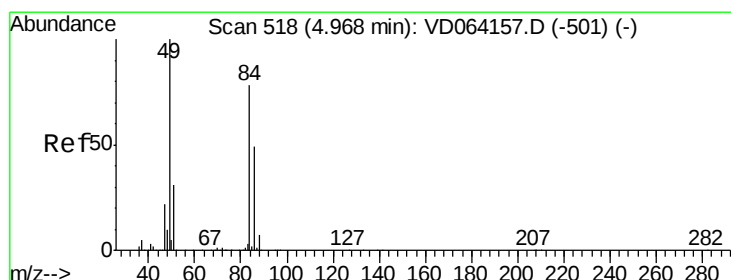
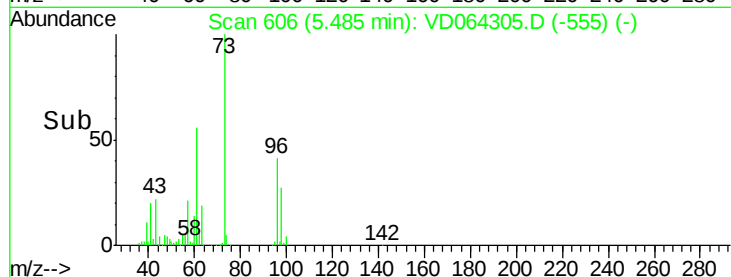
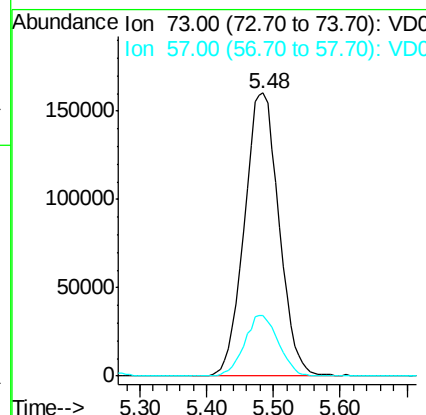
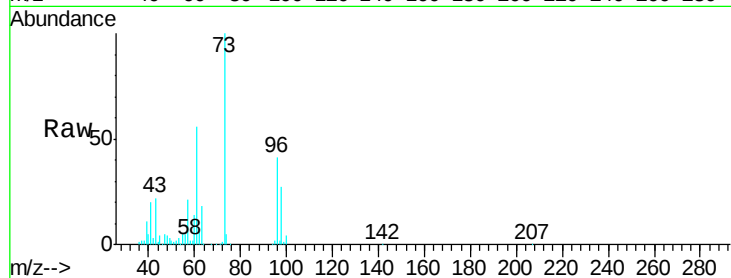




#19
Methyl tert-butyl Ether
Concen: 42.424 ug/l
RT: 5.48 min Scan# 606
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

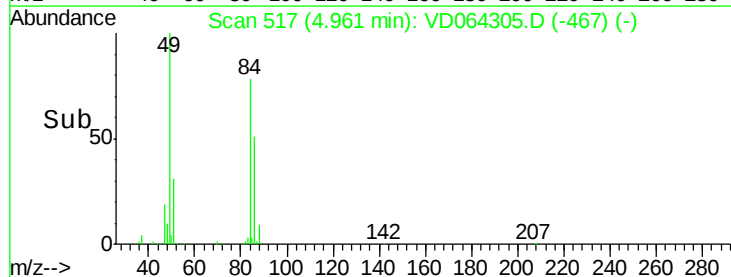
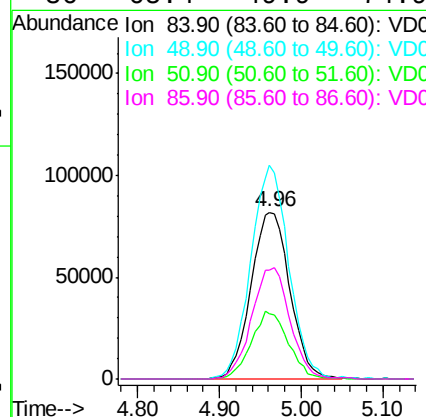
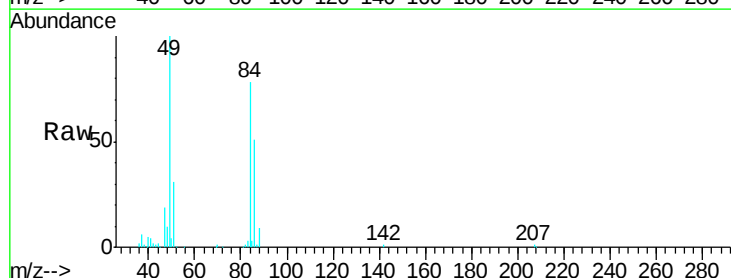
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

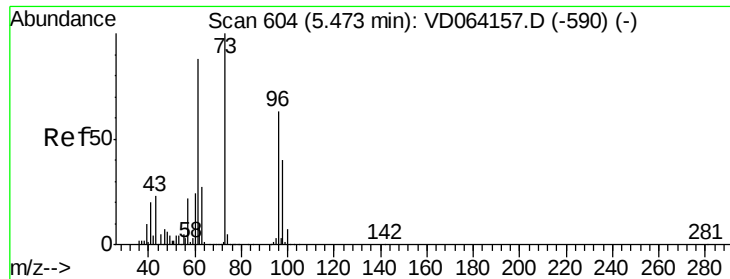
Tgt Ion: 73 Resp: 571514
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6



#20
Methylene Chloride
Concen: 40.960 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 84 Resp: 270729
Ion Ratio Lower Upper
84 100
49 128.2 102.1 153.1
51 39.4 32.2 48.2
86 65.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.235 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

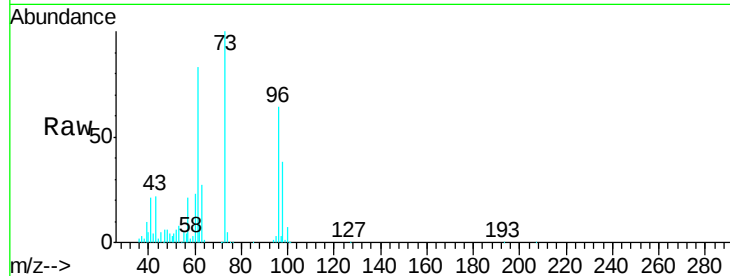
Tgt Ion: 96 Resp: 301992

Ion Ratio Lower Upper

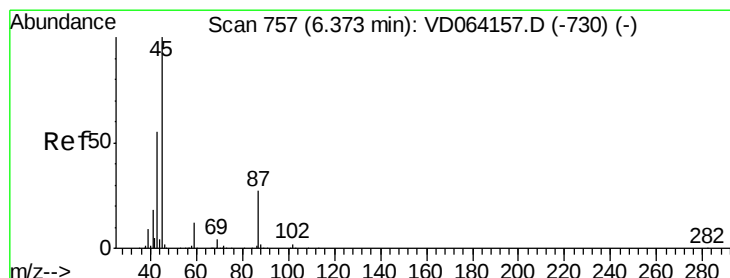
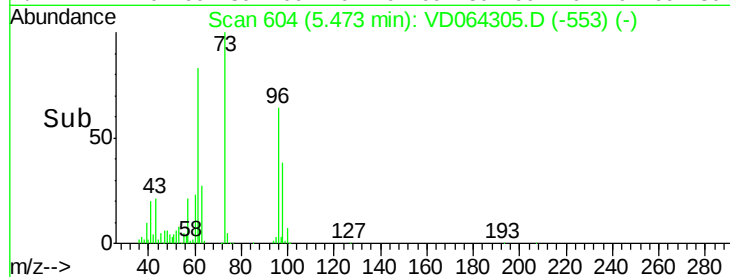
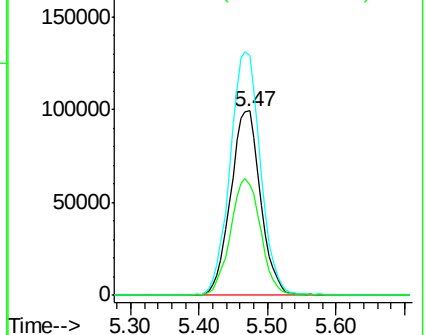
96 100

61 129.9 111.8 167.6

98 59.7 50.3 75.5



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



#22

Diisopropyl ether

Concen: 43.514 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Tgt Ion: 45 Resp: 805545

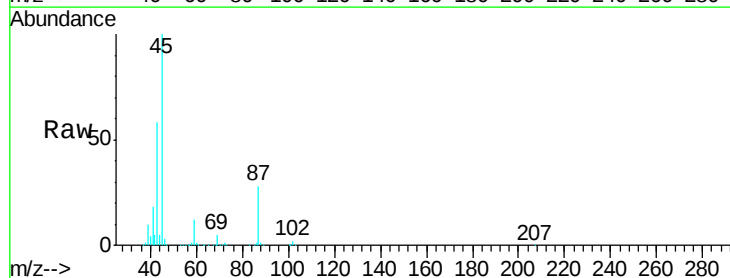
Ion Ratio Lower Upper

45 100

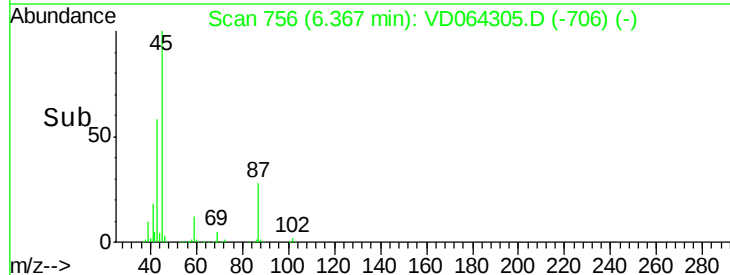
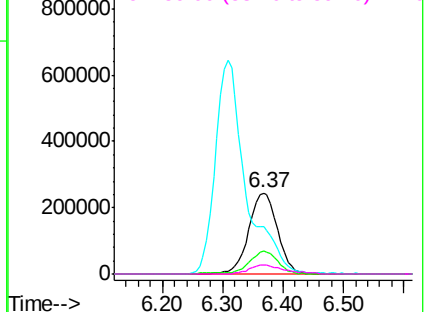
43 57.8 44.4 66.6

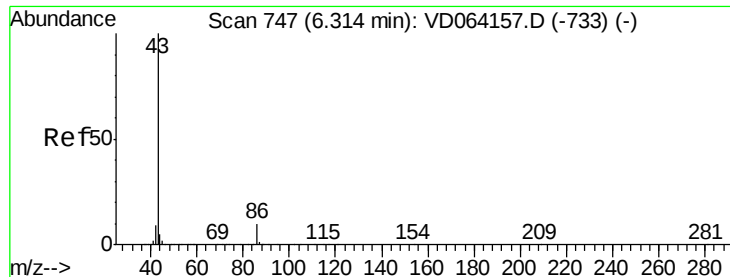
87 28.2 21.9 32.9

59 11.4 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

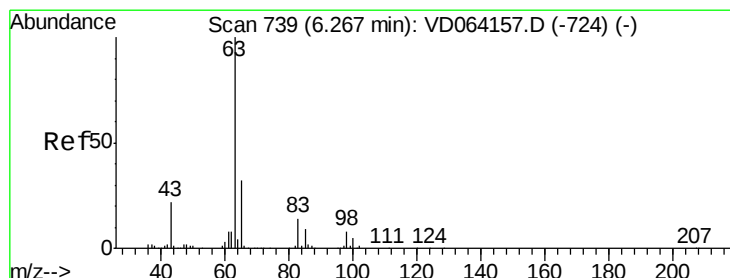
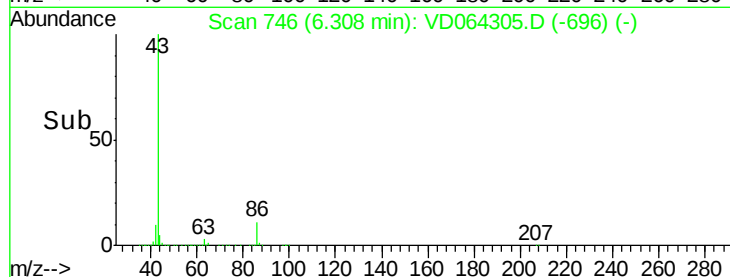
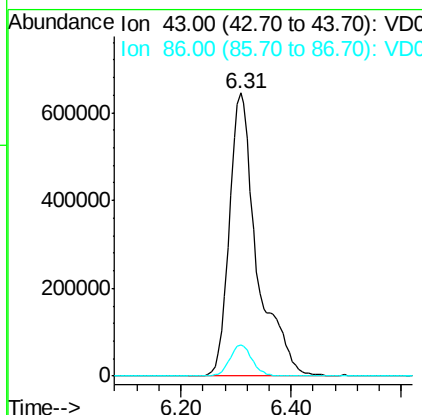
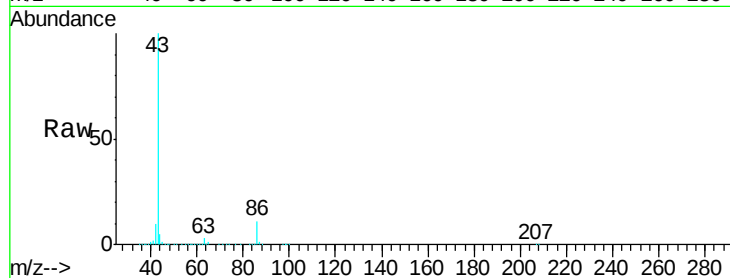




#23
 Vinyl Acetate
 Concen: 218.727 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

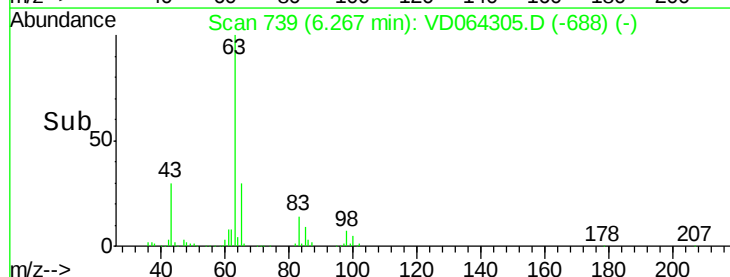
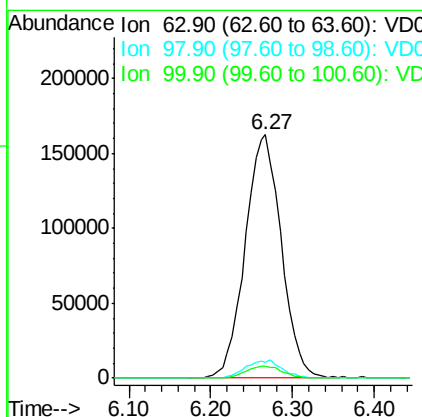
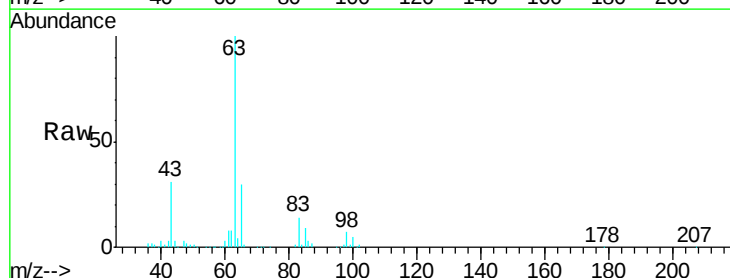
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2257115
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 46.357 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 63 Resp: 498286
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 210.934 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

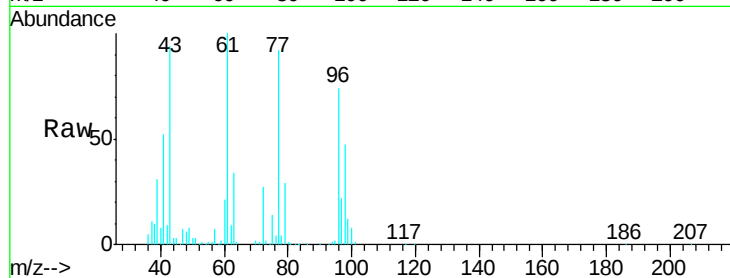
VSTDCCC050

Tgt Ion: 43 Resp: 356579

Ion Ratio Lower Upper

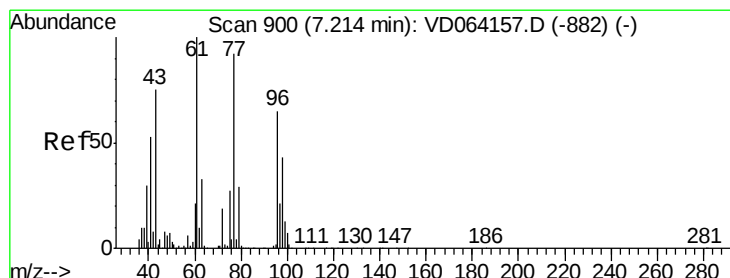
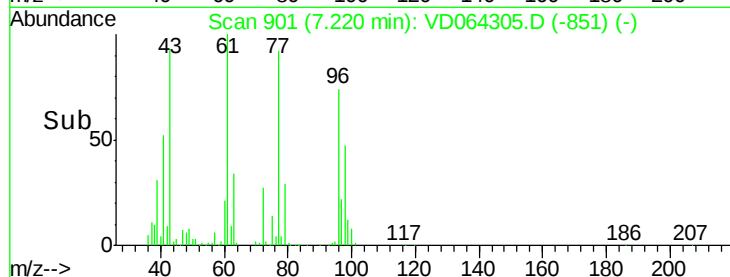
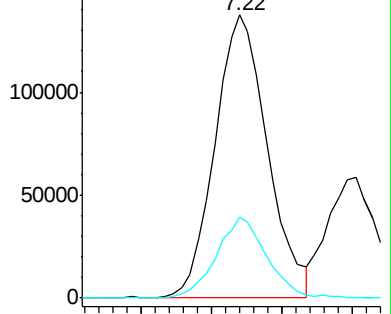
43 100

72 28.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 45.012 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064305.D

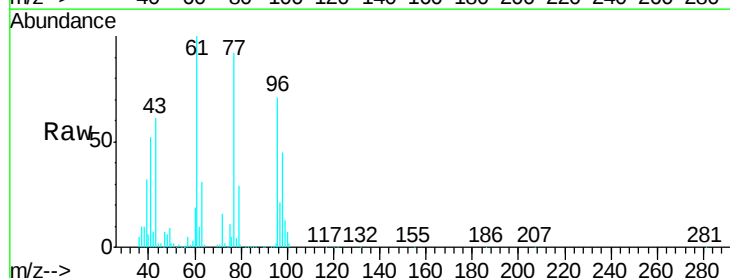
Acq: 20 Nov 2019 10:59

Tgt Ion: 77 Resp: 474487

Ion Ratio Lower Upper

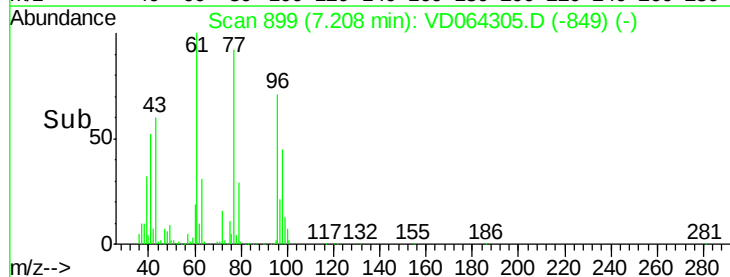
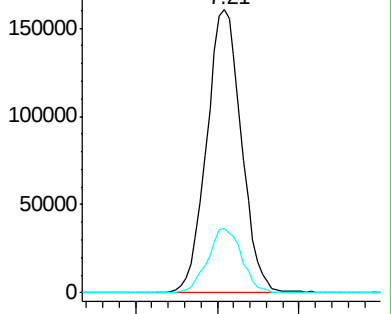
77 100

97 22.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



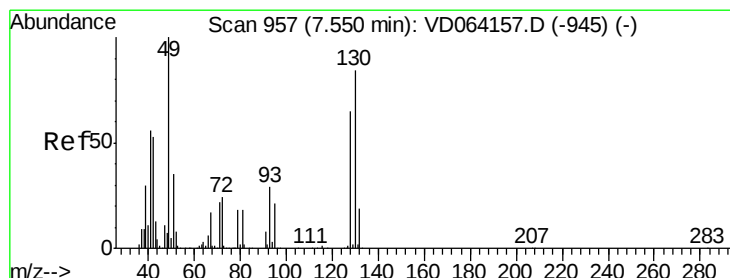
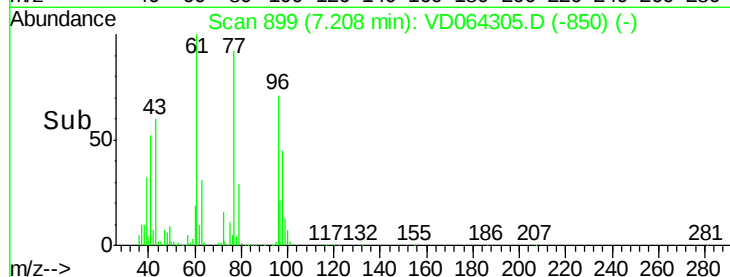
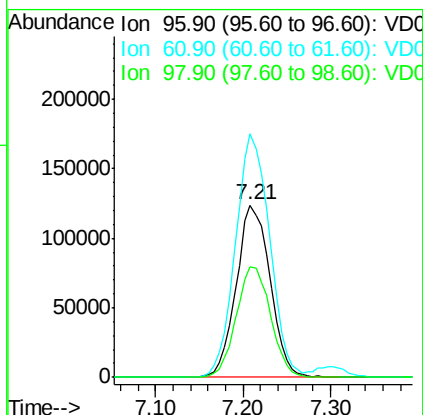
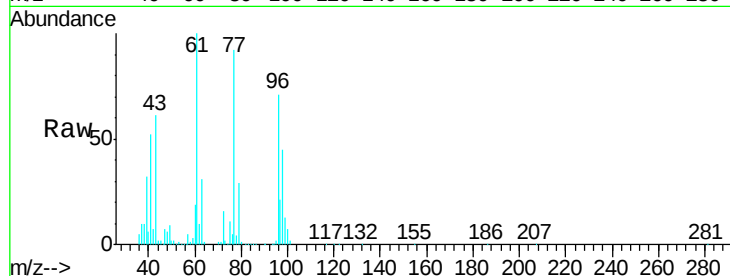


#27

cis-1,2-Dichloroethene
Concen: 47.432 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

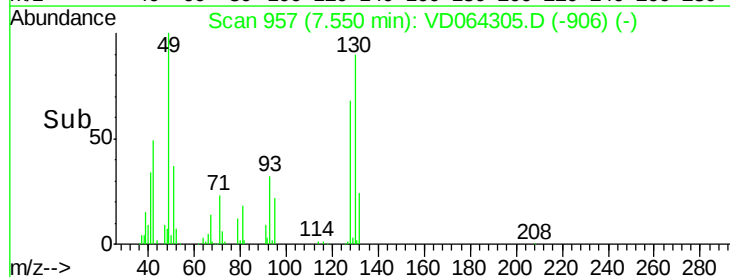
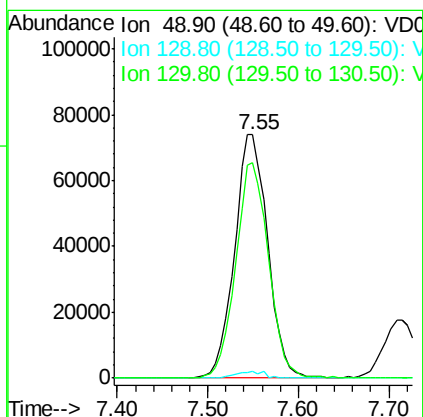
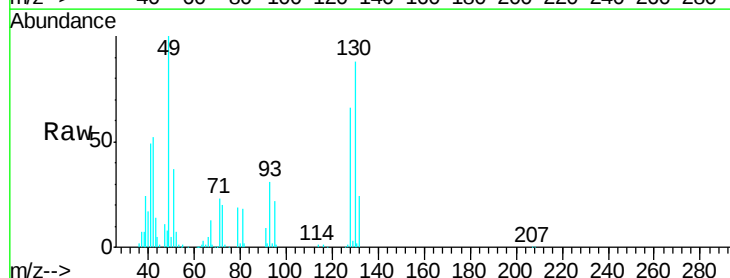
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	301.4
98	65.4	0.0	133.2

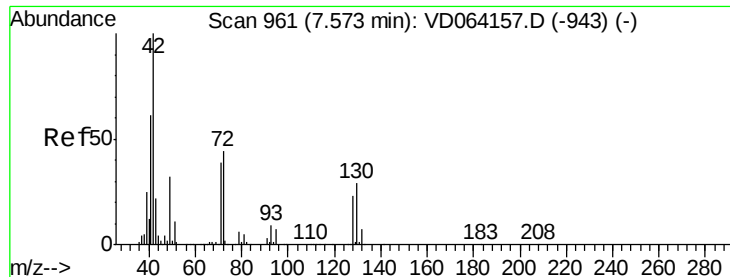


#28

Bromochloromethane
Concen: 50.240 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	87.5	66.8	100.2





#29

Tetrahydrofuran

Concen: 201.045 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

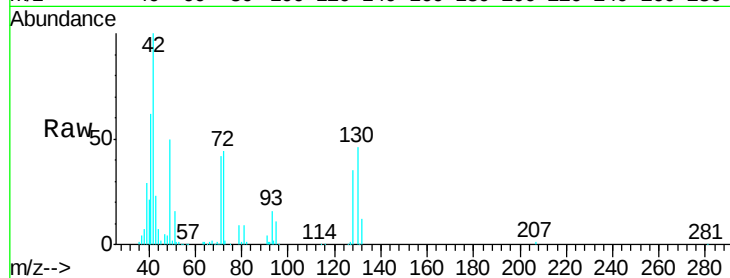
Tgt Ion: 42 Resp: 204196

Ion Ratio Lower Upper

42 100

72 42.4 33.4 50.2

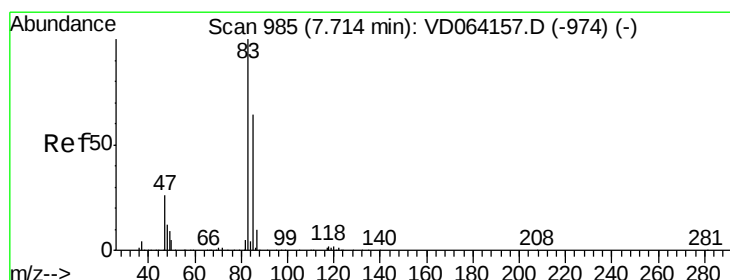
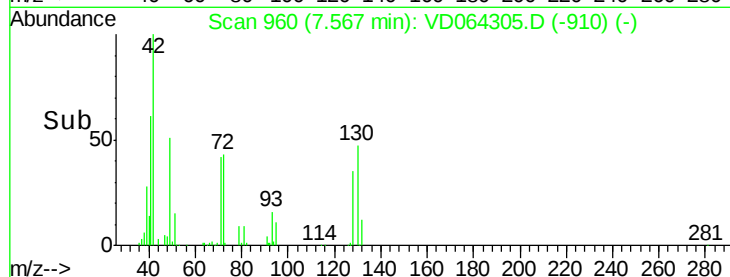
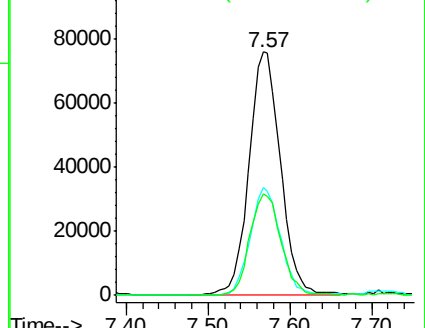
71 41.3 31.0 46.4



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: 47.798 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.01 min

Lab File: VD064305.D

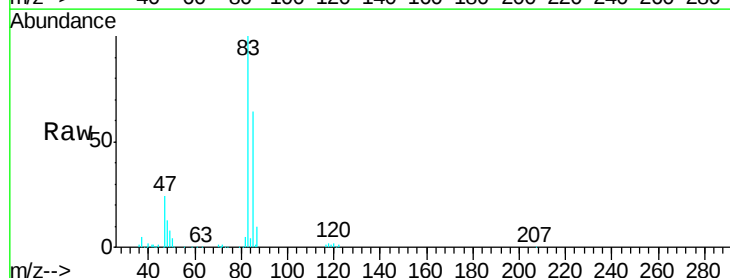
Acq: 20 Nov 2019 10:59

Tgt Ion: 83 Resp: 525542

Ion Ratio Lower Upper

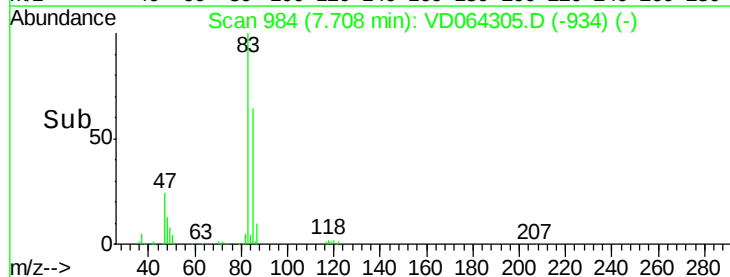
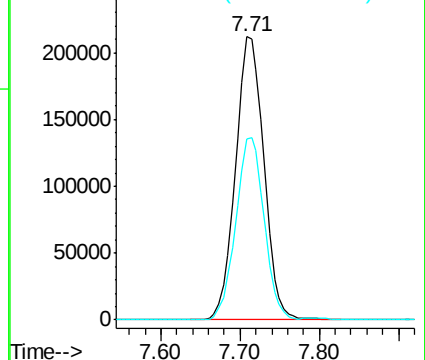
83 100

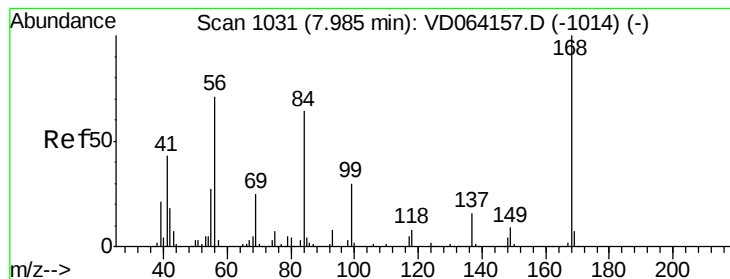
85 63.9 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 43.046 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

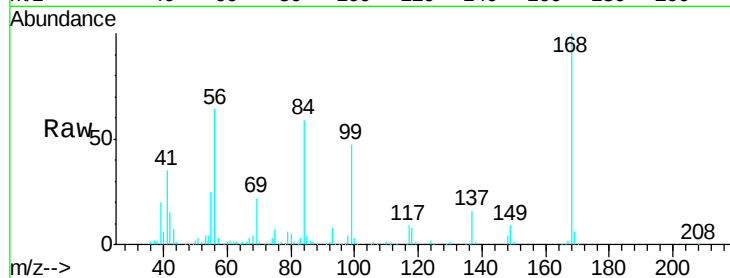
Tgt Ion: 56 Resp: 466635

Ion Ratio Lower Upper

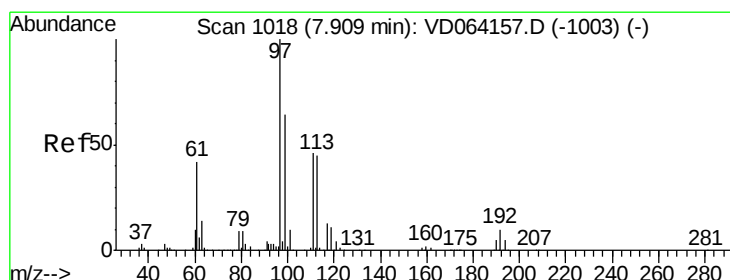
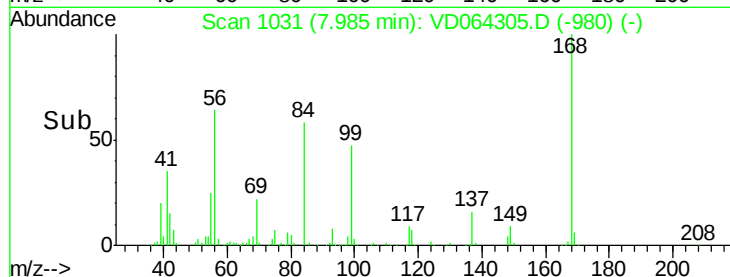
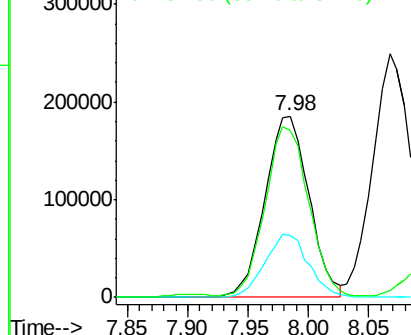
56 100

69 34.1 28.2 42.4

84 90.4 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 47.150 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

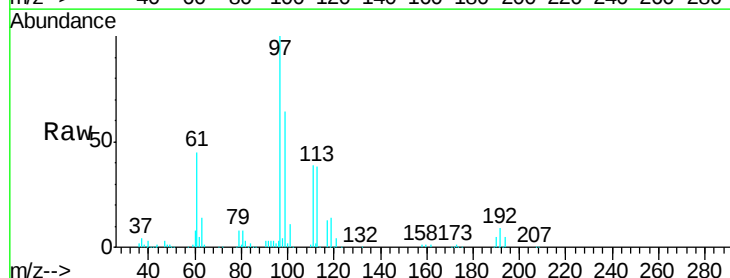
Tgt Ion: 97 Resp: 496398

Ion Ratio Lower Upper

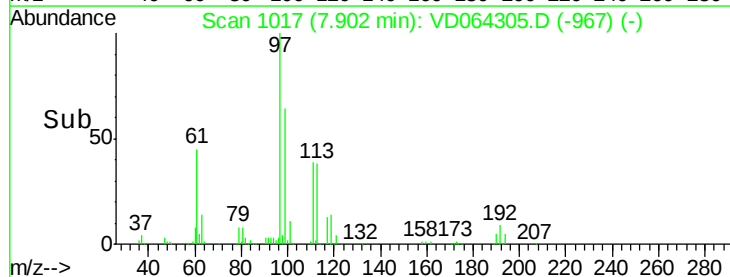
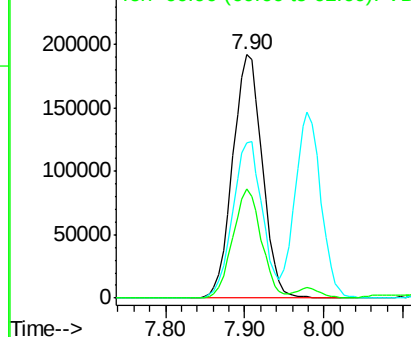
97 100

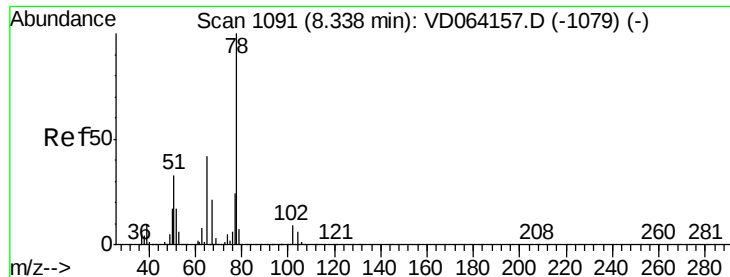
99 64.4 51.6 77.4

61 43.3 34.2 51.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

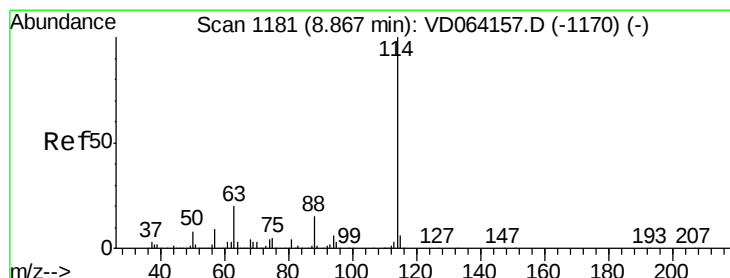
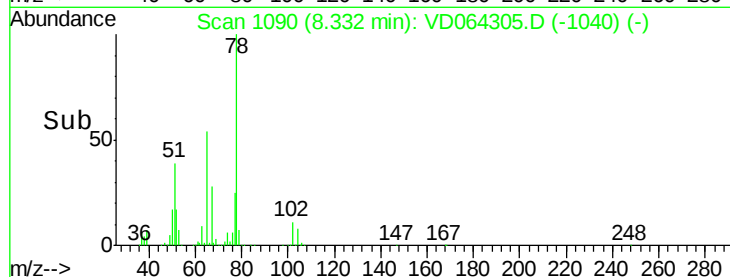
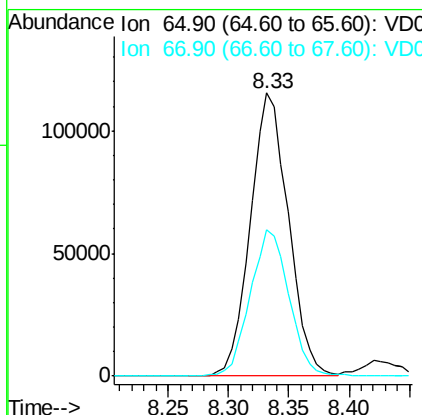
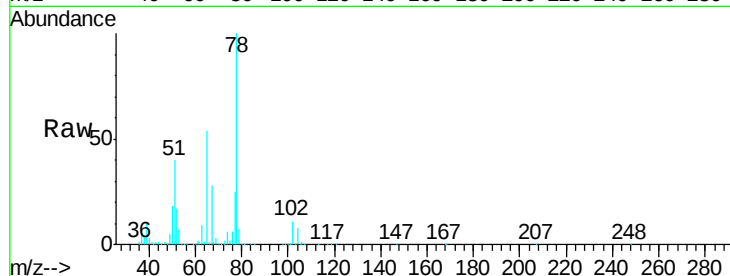




#33
 1,2-Dichloroethane-d4
 Concen: 45.813 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

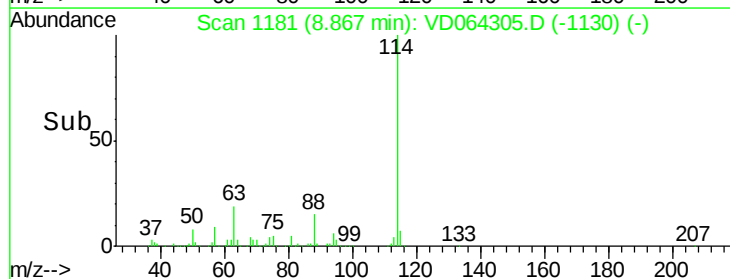
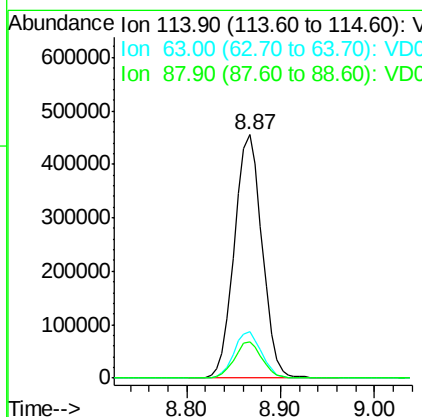
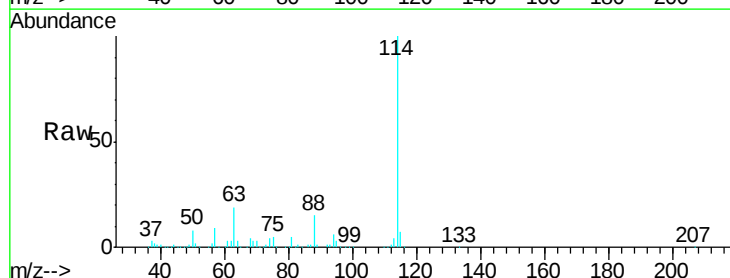
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

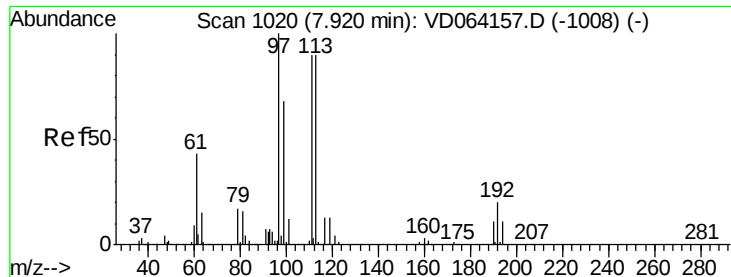
Tgt Ion: 65 Resp: 253037
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 114 Resp: 931645
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.0
 88 14.9 0.0 30.2

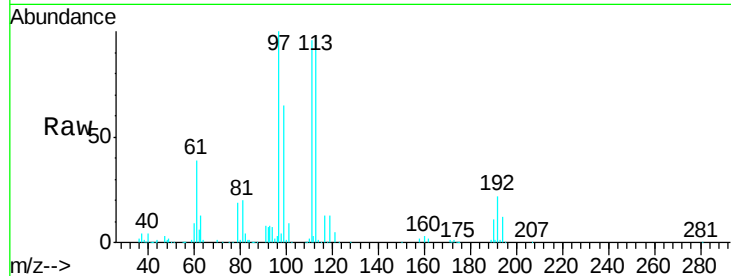




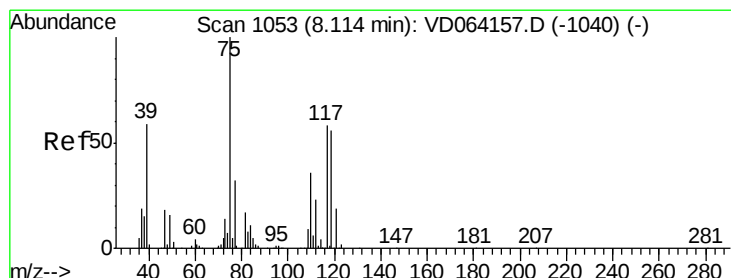
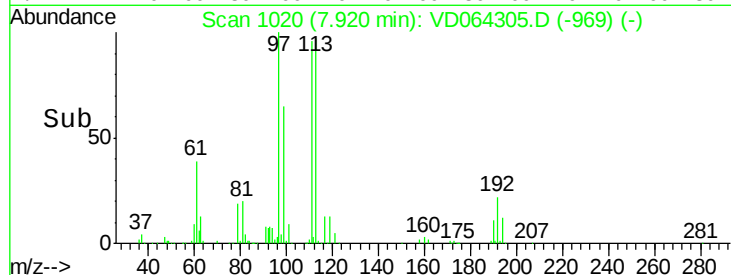
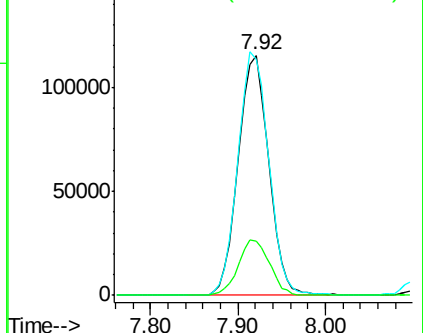
#35
 Dibromofluoromethane
 Concen: 51.192 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 113 Resp: 273764
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 23.4 18.8 28.2

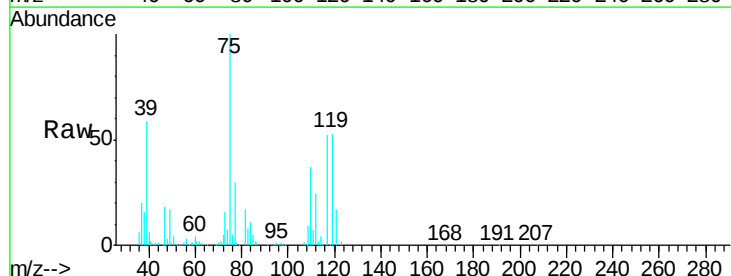


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

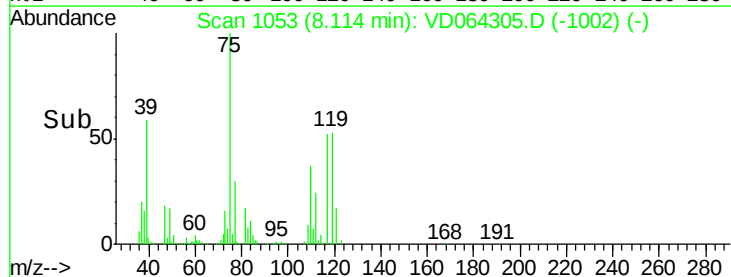
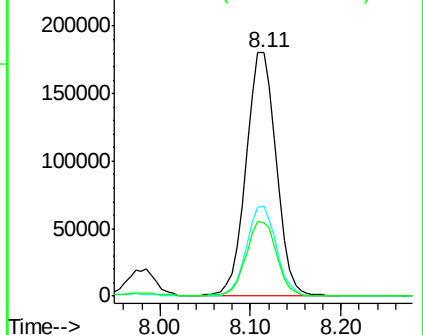


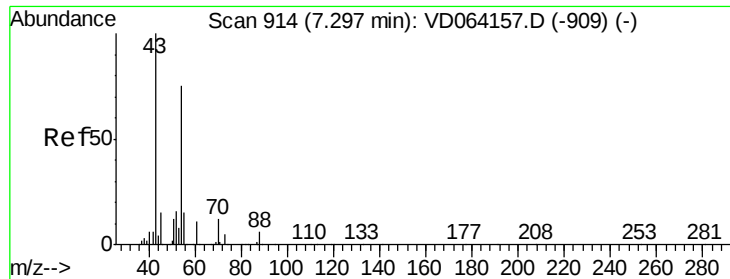
#36
 1,1-Dichloropropene
 Concen: 48.391 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 75 Resp: 416077
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.3 54.9
 77 31.4 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VDC

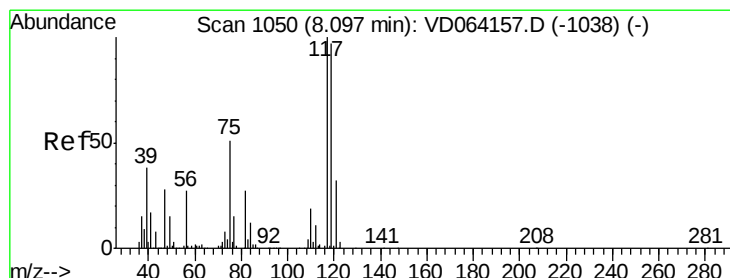
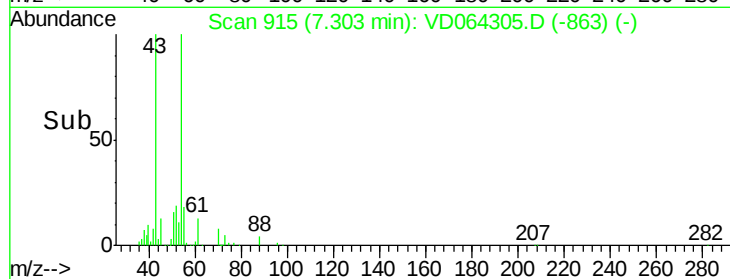
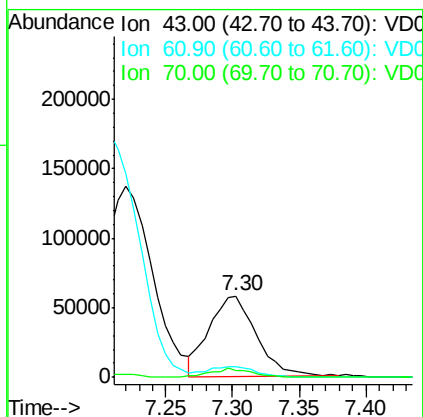
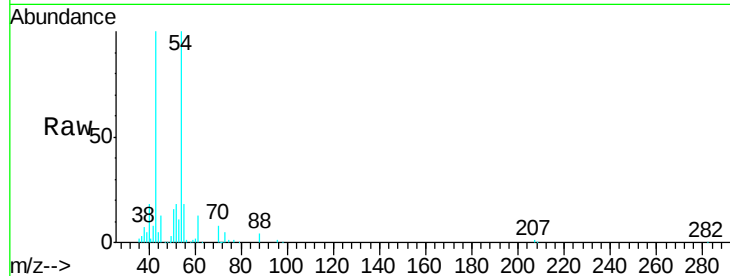




#37
Ethyl Acetate
Concen: 39.067 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

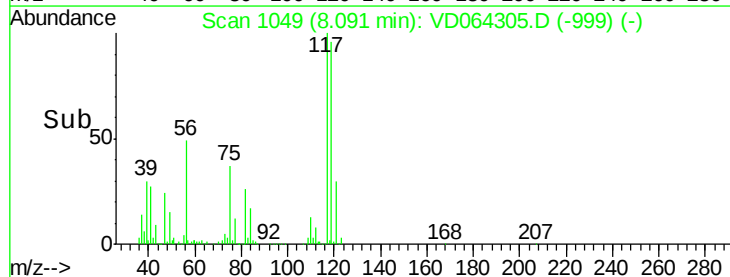
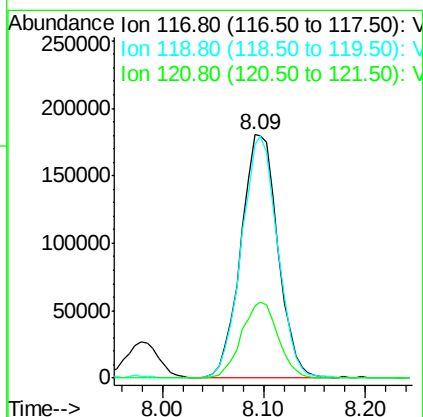
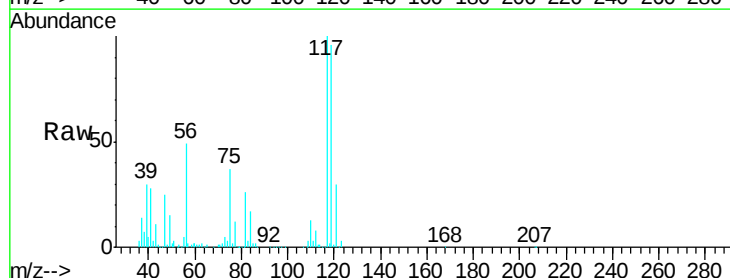
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

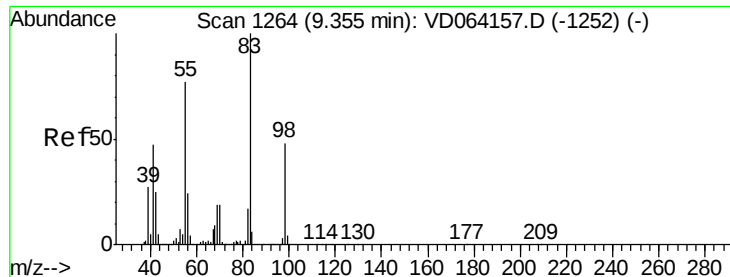
Tgt Ion: 43 Resp: 141610
Ion Ratio Lower Upper
43 100
61 11.7 10.2 15.2
70 10.1 8.5 12.7



#38
Carbon Tetrachloride
Concen: 49.323 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 117 Resp: 453786
Ion Ratio Lower Upper
117 100
119 96.0 77.2 115.8
121 29.7 25.5 38.3

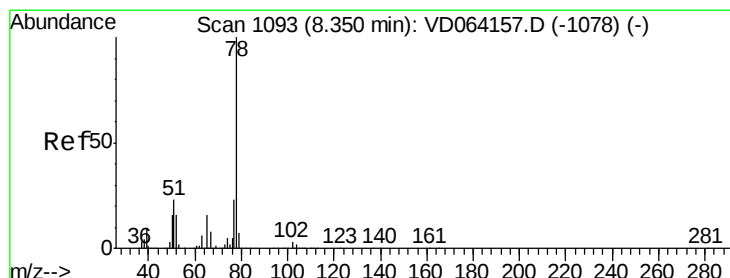
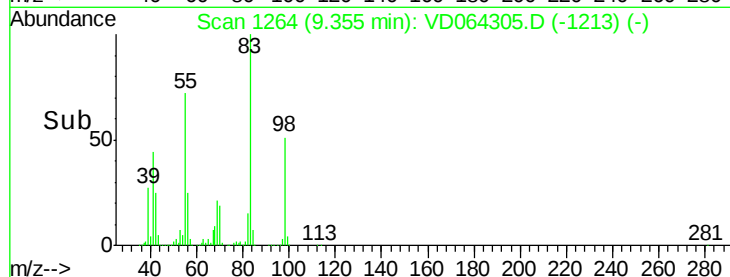
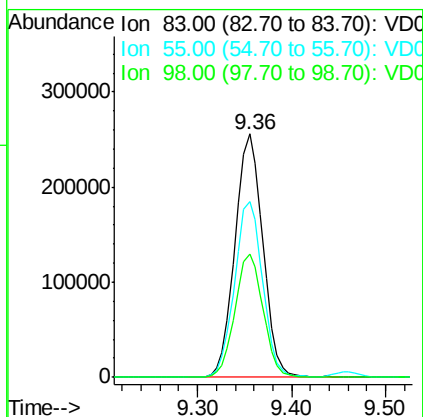
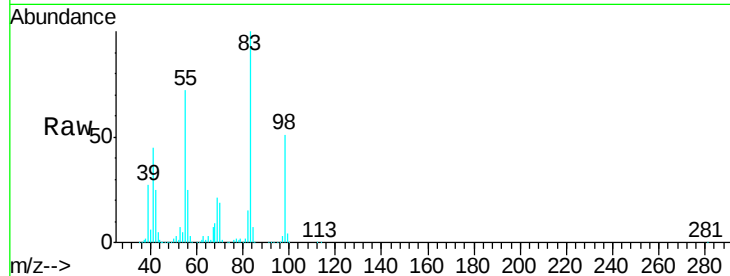




#39
Methylcyclohexane
Concen: 48.360 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

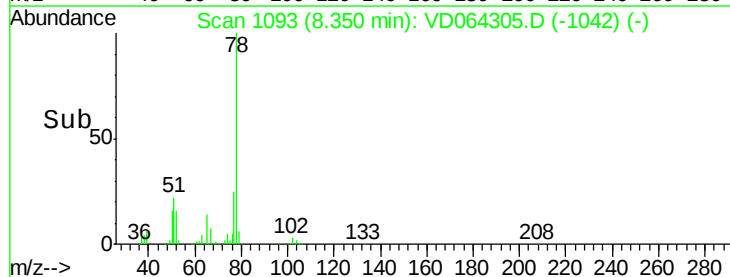
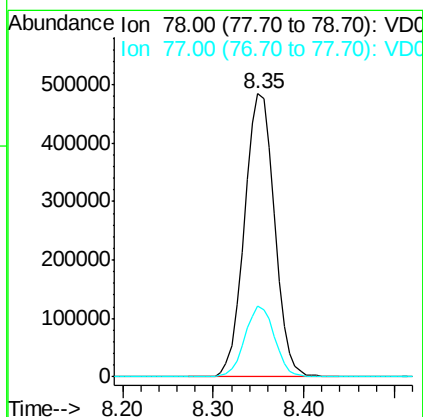
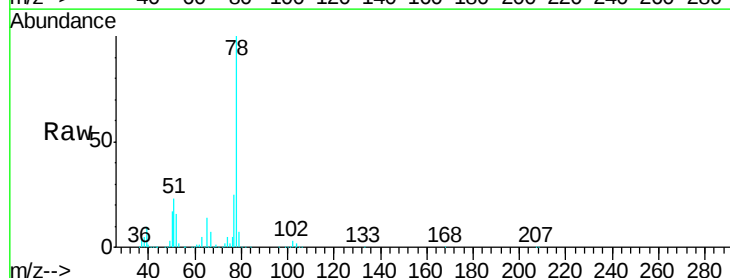
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

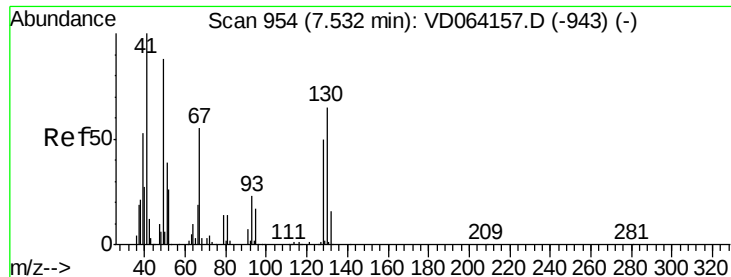
Tgt Ion: 83 Resp: 526157
Ion Ratio Lower Upper
83 100
55 72.3 61.7 92.5
98 50.6 38.6 58.0



#40
Benzene
Concen: 47.456 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 78 Resp: 1115169
Ion Ratio Lower Upper
78 100
77 25.0 18.6 28.0

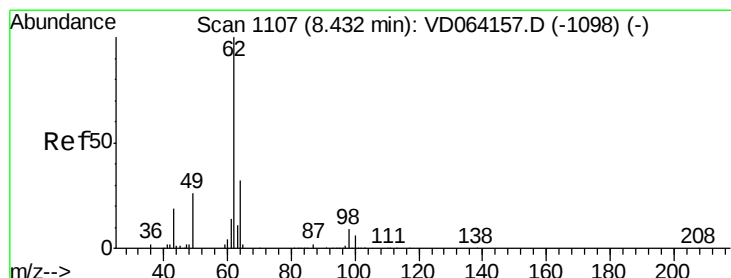
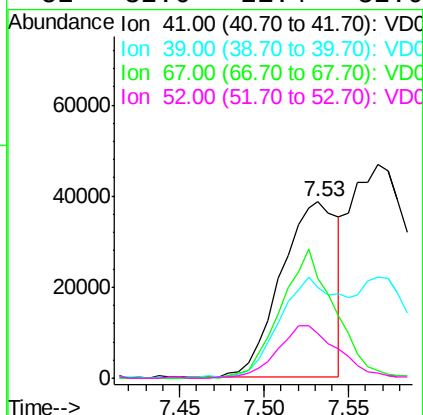
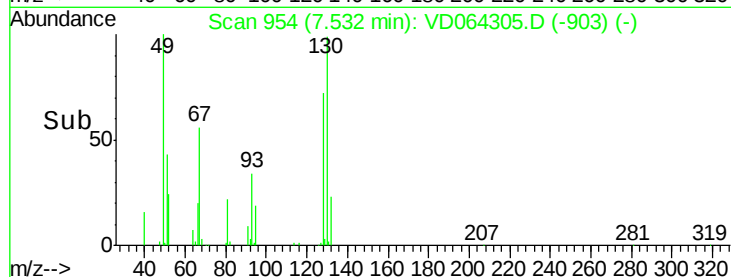
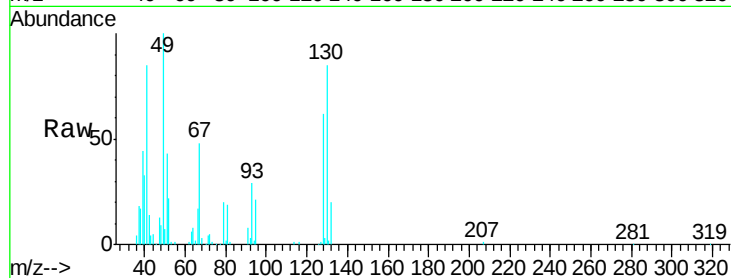




#41
Methacrylonitrile
Concen: 39.360 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

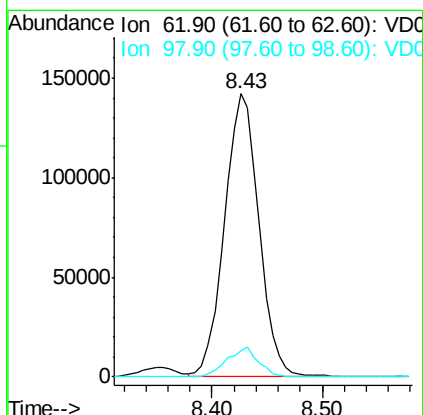
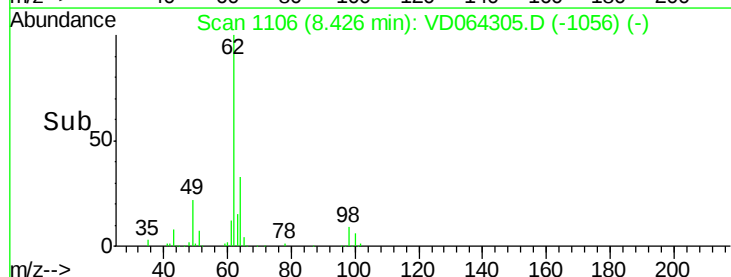
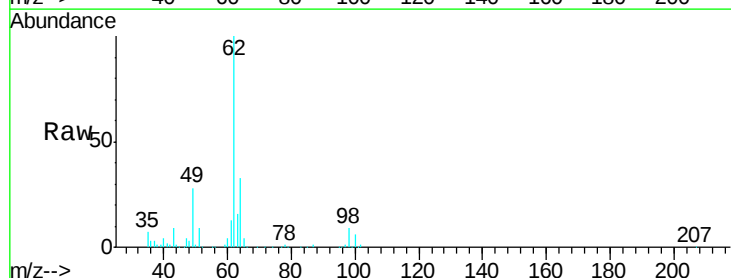
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

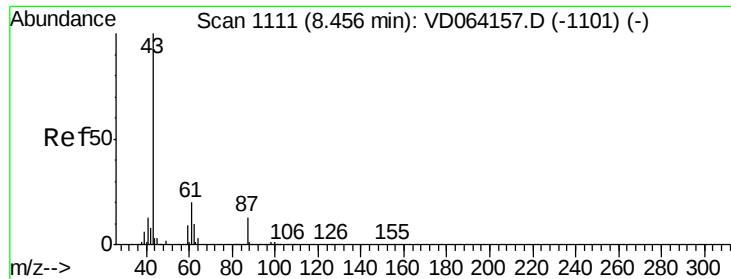
Tgt Ion: 41 Resp: 89673
Ion Ratio Lower Upper
41 100
39 63.8 49.4 74.2
67 71.3 49.6 74.4
52 32.6 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 43.789 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 62 Resp: 309056
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.0





#43

Isopropyl Acetate

Concen: 40.658 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

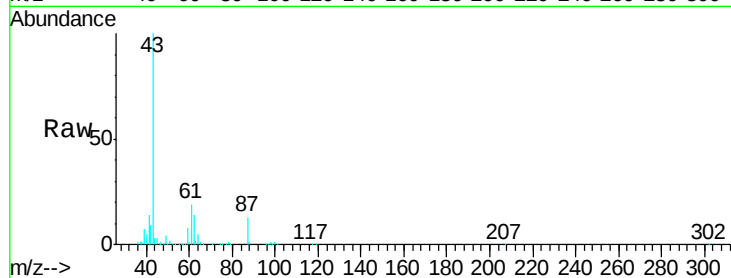
Tgt Ion: 43 Resp: 303656

Ion Ratio Lower Upper

43 100

61 29.2 22.9 34.3

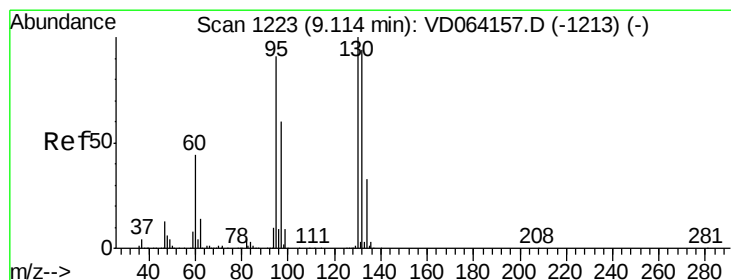
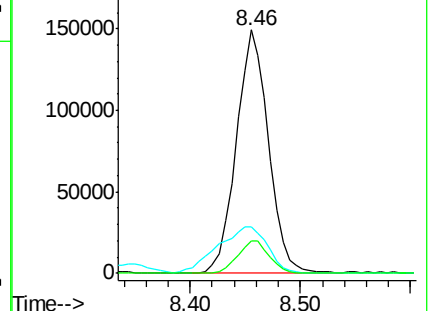
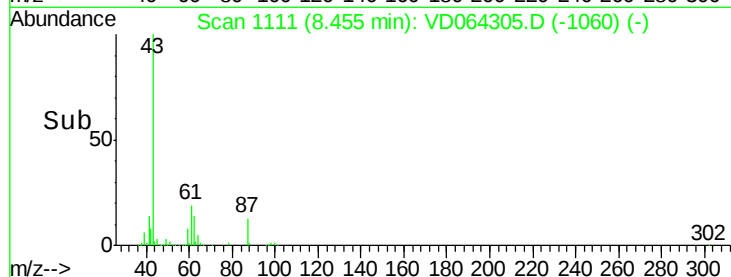
87 13.3 10.2 15.2



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: 48.823 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD064305.D

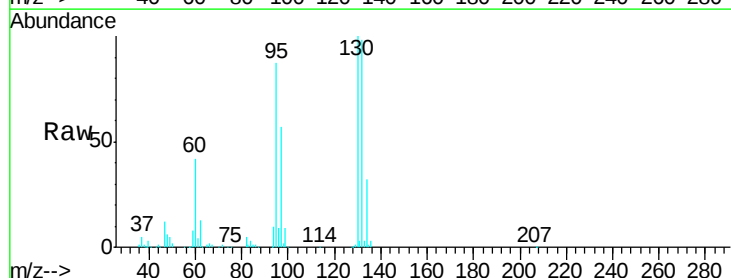
Acq: 20 Nov 2019 10:59

Tgt Ion: 130 Resp: 344340

Ion Ratio Lower Upper

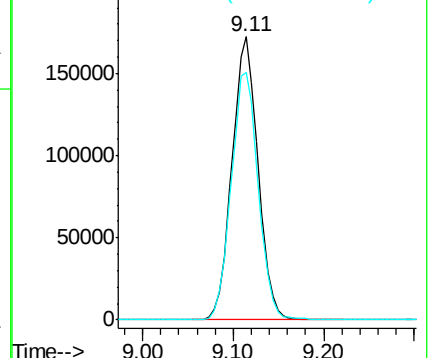
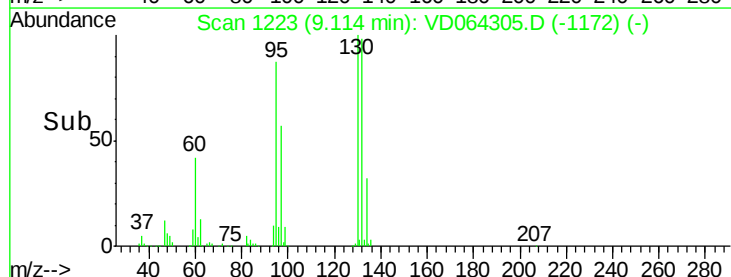
130 100

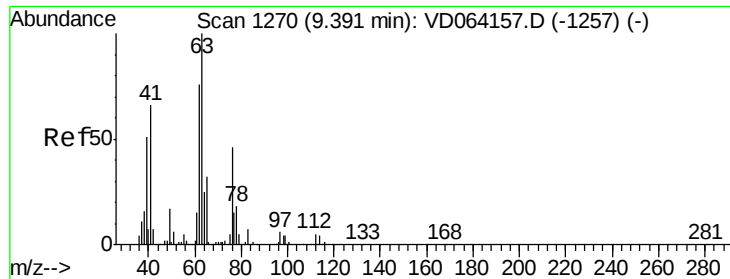
95 87.3 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

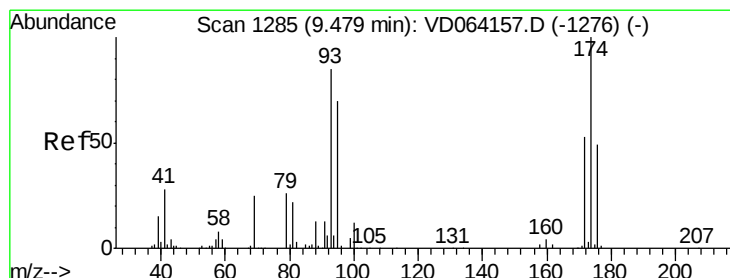
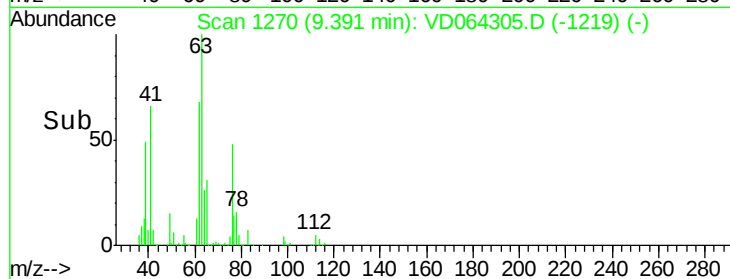
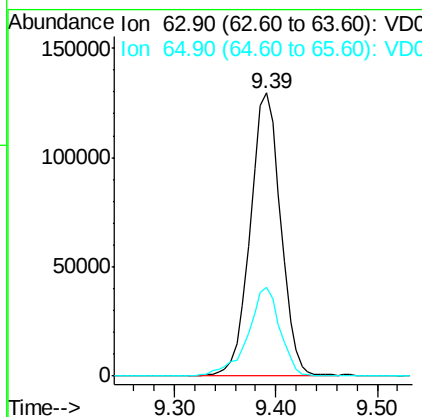
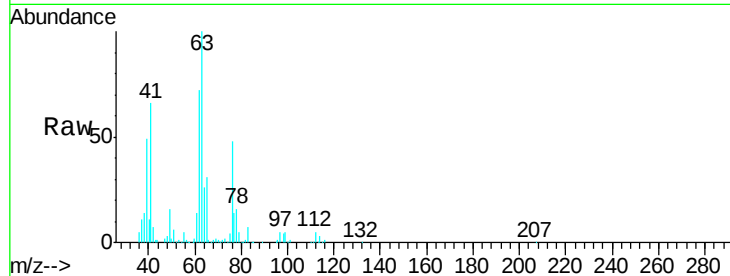




#45
 1,2-Dichloropropane
 Concen: 47.319 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

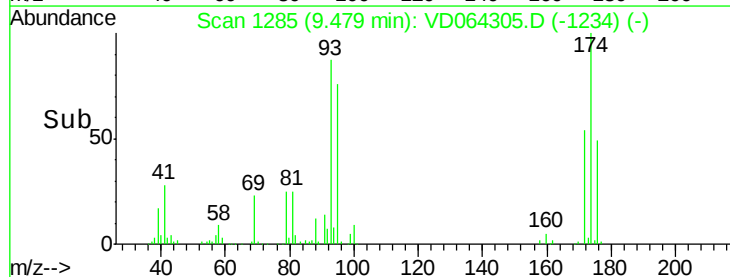
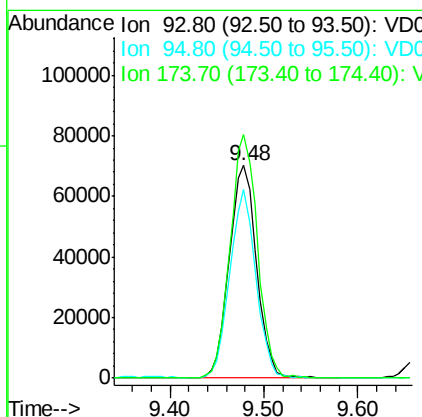
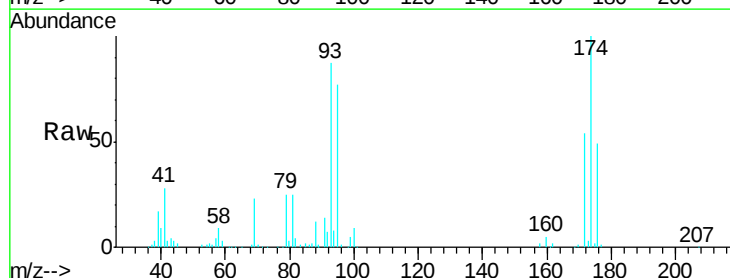
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

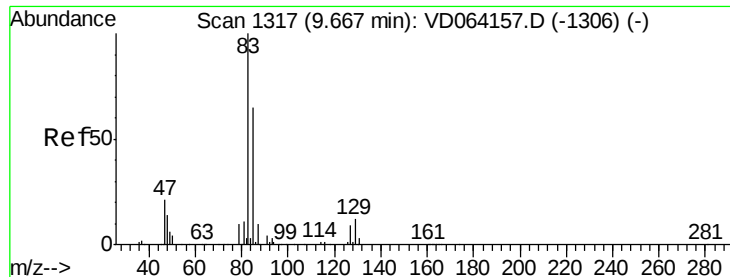
Tgt Ion: 63 Resp: 270648
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.7 38.5



#46
 Dibromomethane
 Concen: 46.310 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 93 Resp: 141804
 Ion Ratio Lower Upper
 93 100
 95 84.4 65.5 98.3
 174 114.9 93.9 140.9





#47

Bromodichloromethane

Concen: 46.850 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

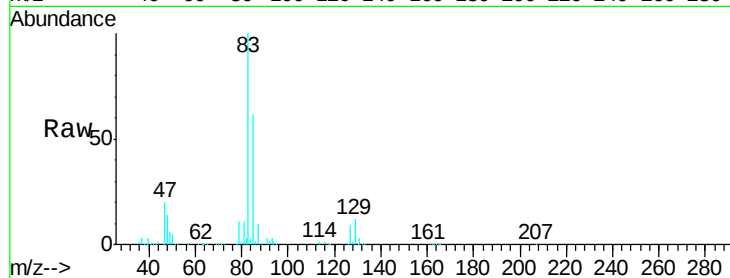
Tgt Ion: 83 Resp: 386421

Ion Ratio Lower Upper

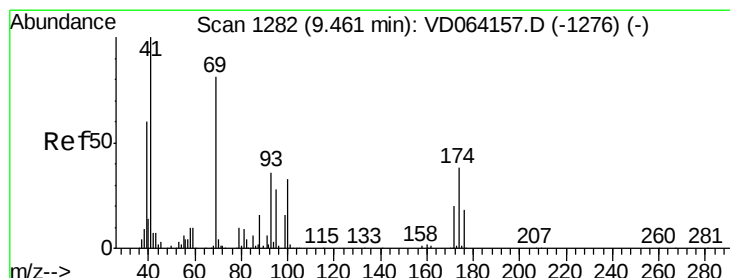
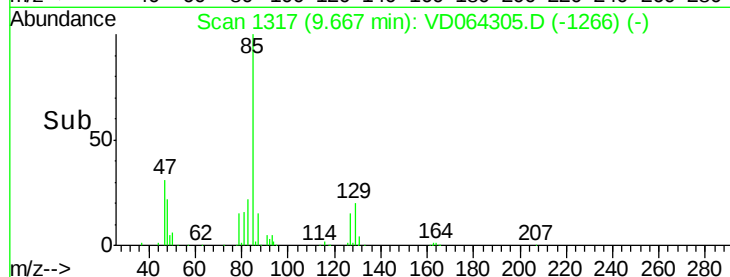
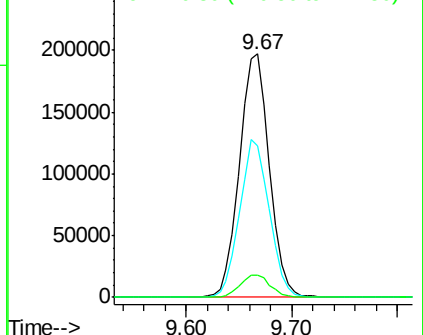
83 100

85 62.3 52.2 78.4

127 9.3 7.5 11.3



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: 38.551 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

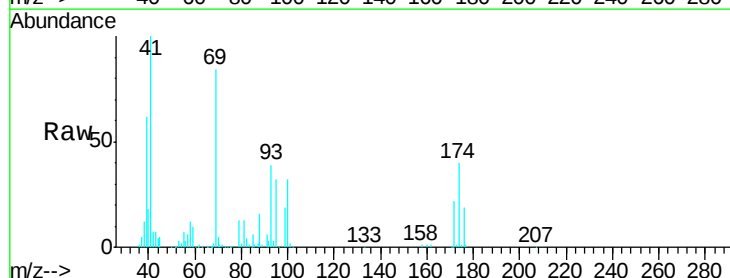
Tgt Ion: 41 Resp: 140789

Ion Ratio Lower Upper

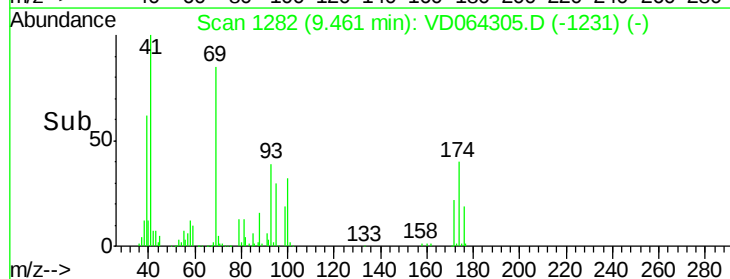
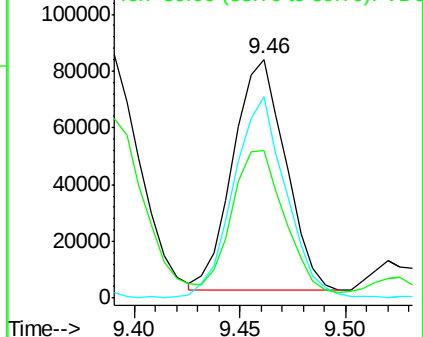
41 100

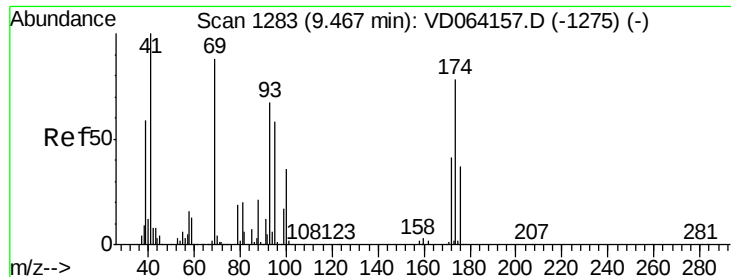
69 87.1 64.6 97.0

39 60.9 48.2 72.2



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: 890.029 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

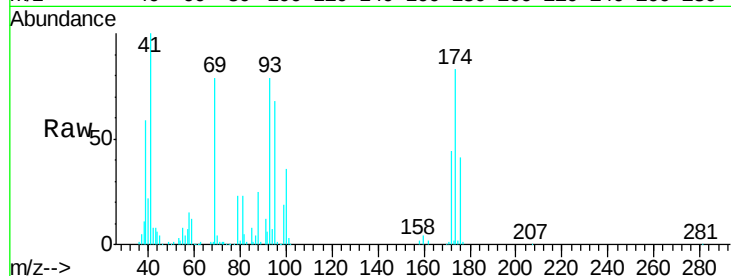
Tgt Ion: 88 Resp: 32731

Ion Ratio Lower Upper

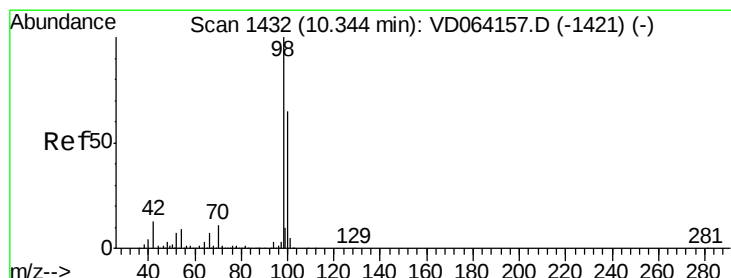
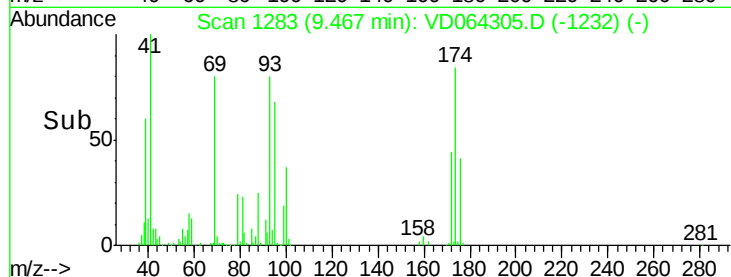
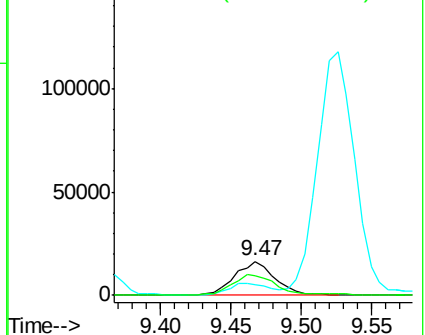
88 100

43 36.6 29.8 44.8

58 69.5 58.1 87.1



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: 50.513 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064305.D

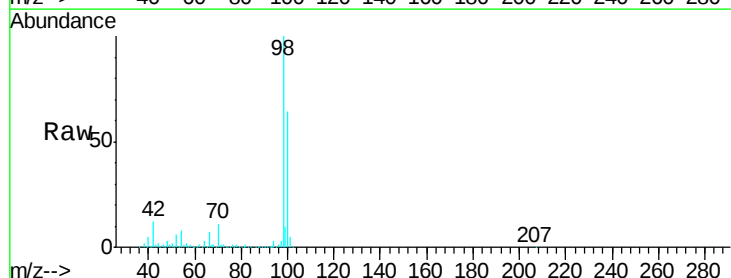
Acq: 20 Nov 2019 10:59

Tgt Ion: 98 Resp: 1019058

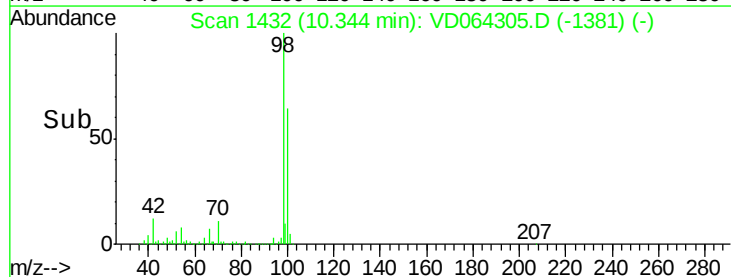
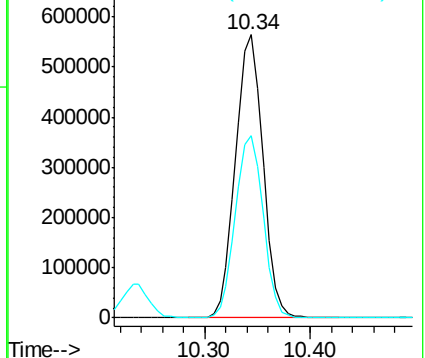
Ion Ratio Lower Upper

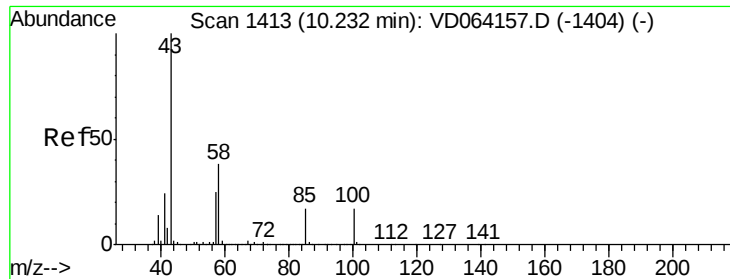
98 100

100 65.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

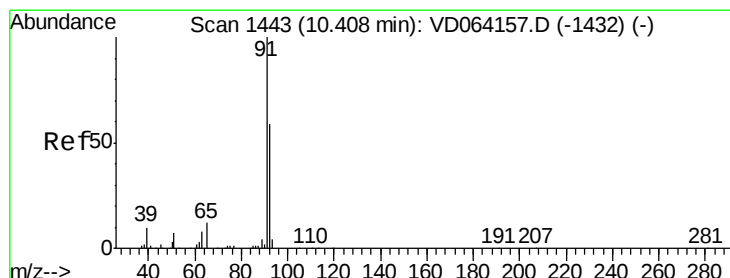
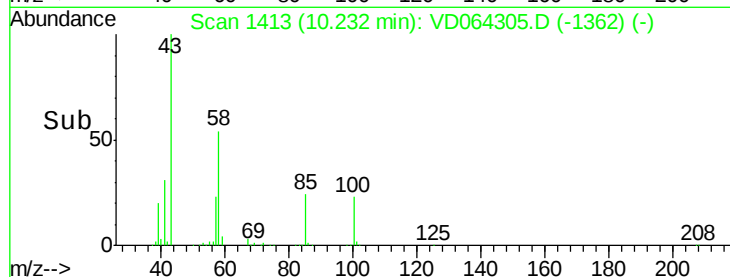
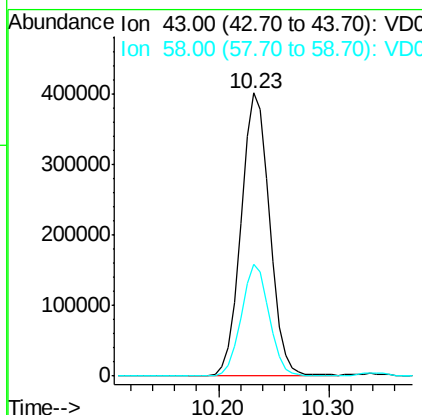
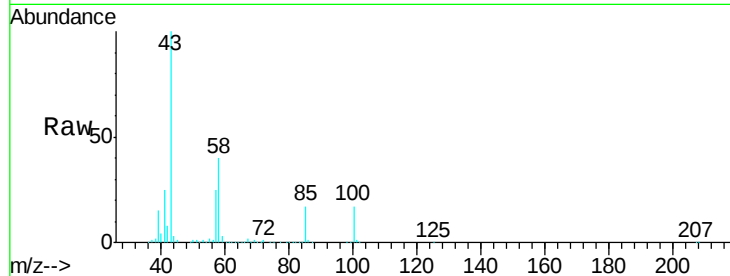




#51
 4-Methyl-2-Pentanone
 Concen: 203.797 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

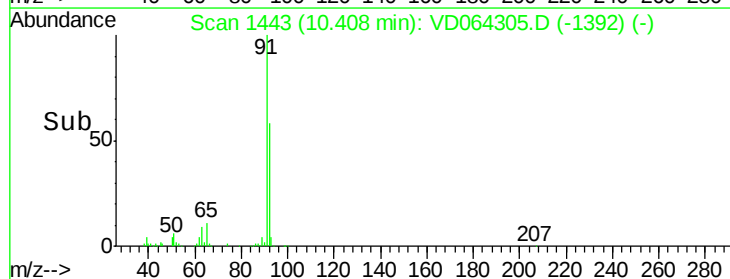
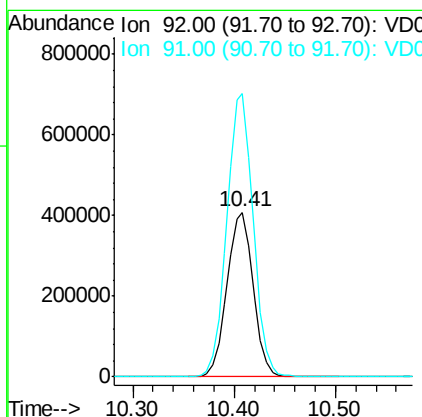
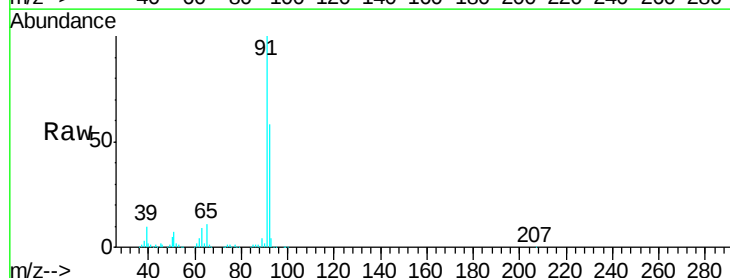
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

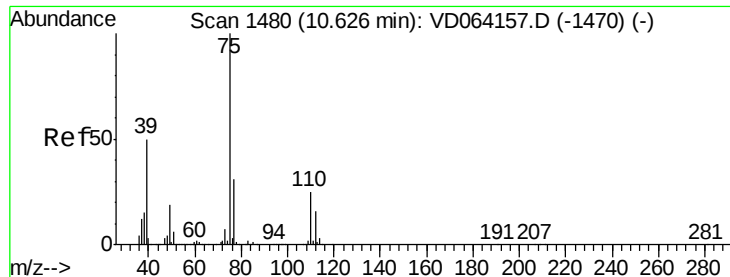
Tgt Ion: 43 Resp: 729905
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.2 45.4



#52
 Toluene
 Concen: 47.382 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 92 Resp: 732152
 Ion Ratio Lower Upper
 92 100
 91 172.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 44.062 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

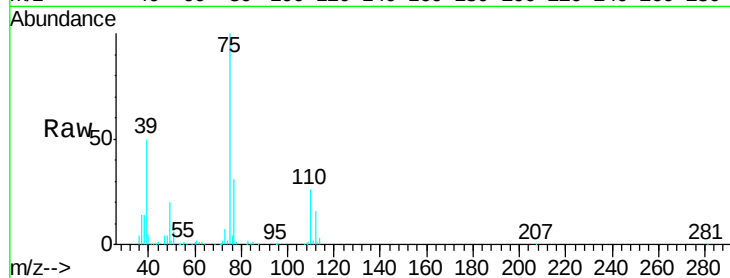
VSTDCCC050

Tgt Ion: 75 Resp: 364090

Ion Ratio Lower Upper

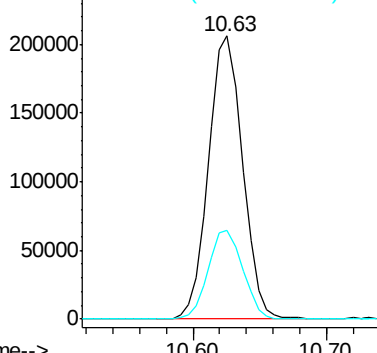
75 100

77 31.3 24.7 37.1

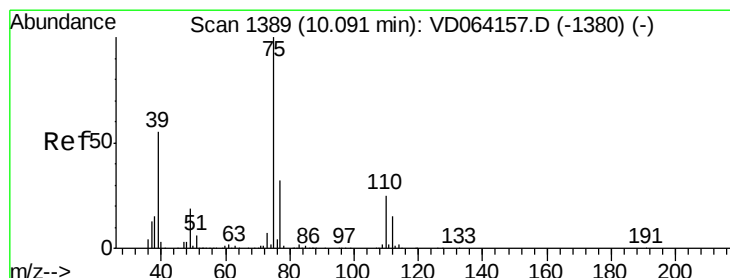
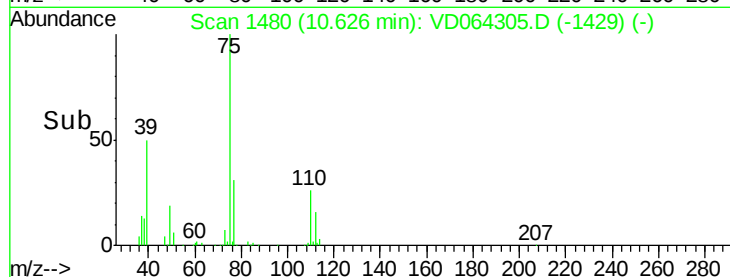


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.925 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

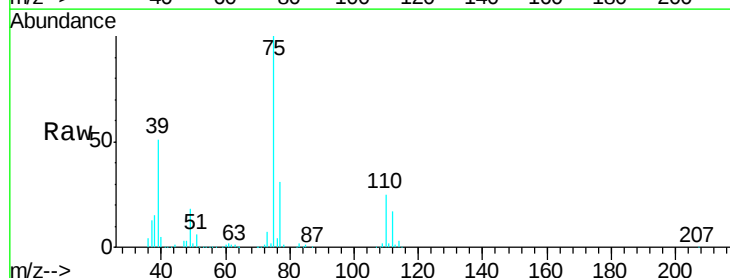
Tgt Ion: 75 Resp: 442833

Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

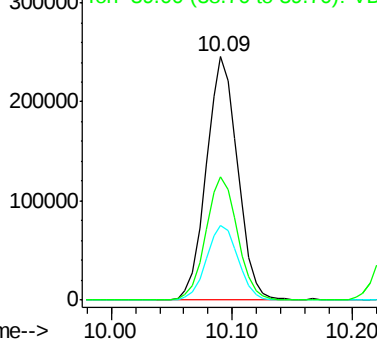
39 50.6 44.2 66.2



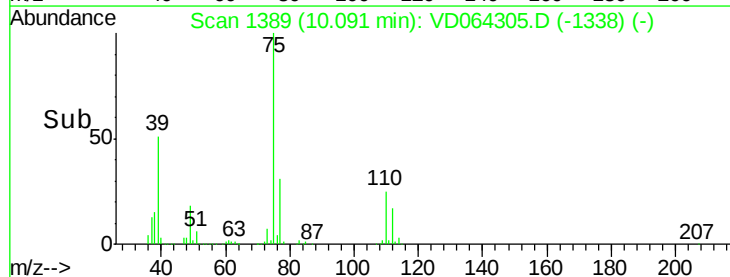
Abundance Ion 74.90 (74.60 to 75.60): VDC

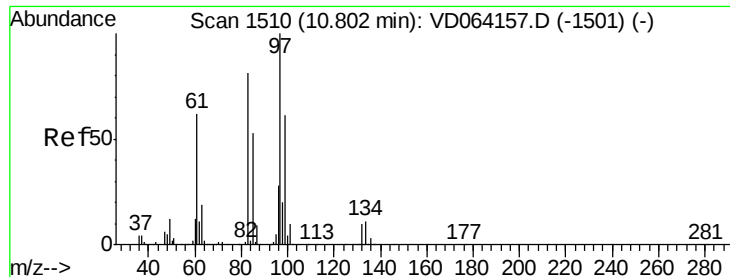
Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC



Time-->

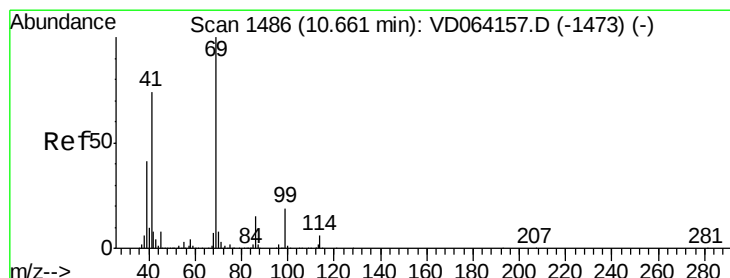
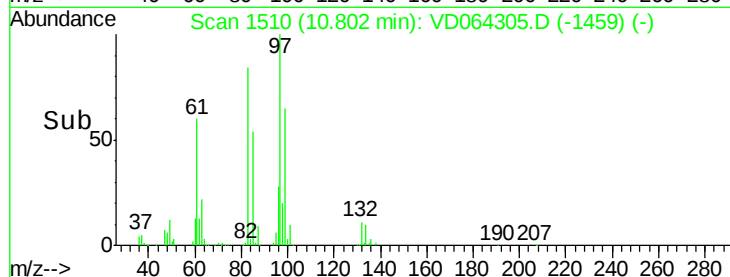
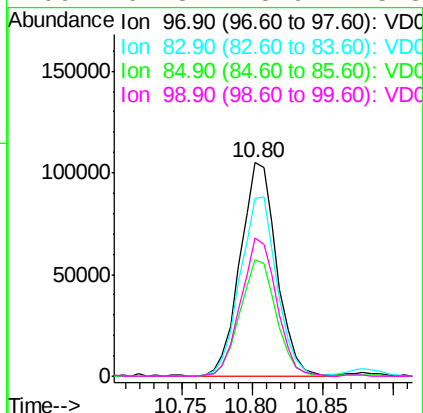
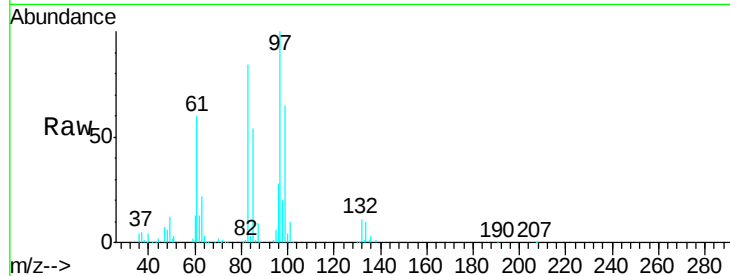




#55
 1,1,2-Trichloroethane
 Concen: 45.814 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

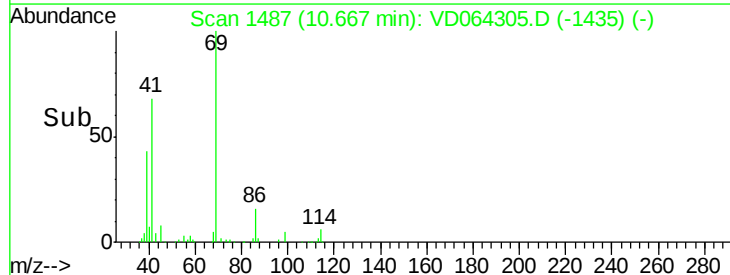
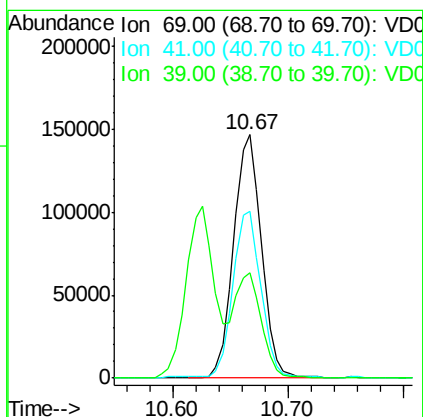
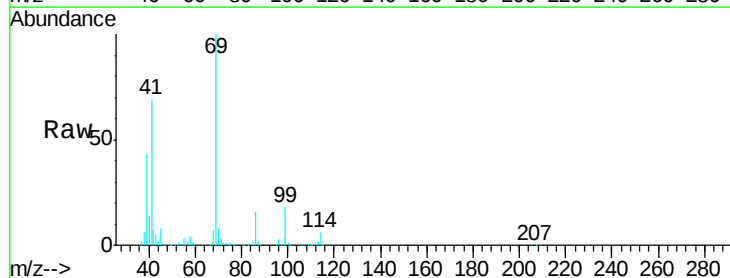
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

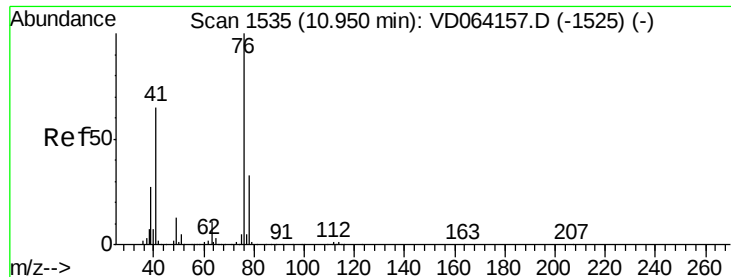
Tgt Ion:	97	Resp:	190308
Ion	Ratio	Lower	Upper
97	100		
83	83.6	65.1	97.7
85	54.5	42.0	63.0
99	64.8	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 42.219 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion:	69	Resp:	245328
Ion	Ratio	Lower	Upper
69	100		
41	68.1	57.9	86.9
39	39.0	29.0	43.4

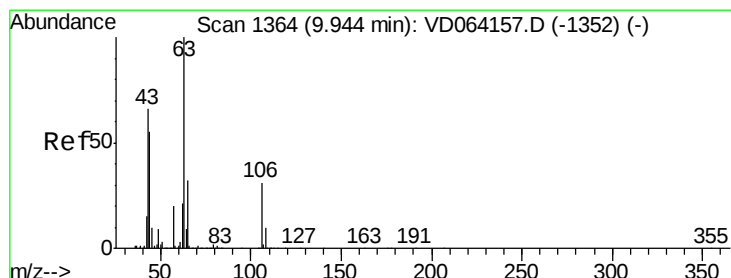
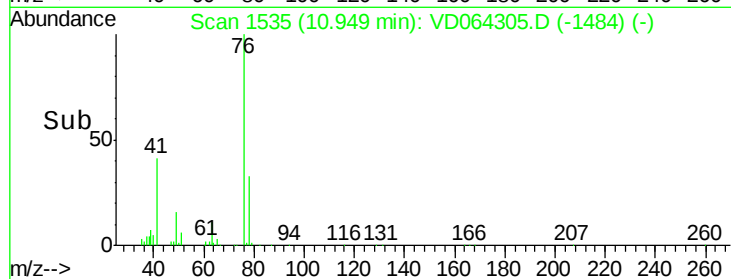
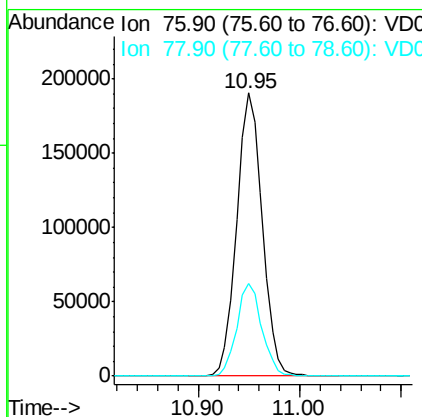
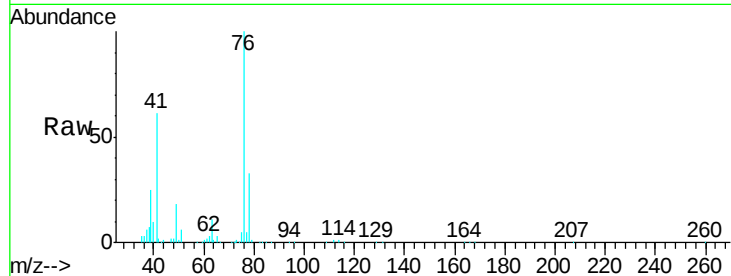




#57
 1,3-Dichloropropane
 Concen: 46.039 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

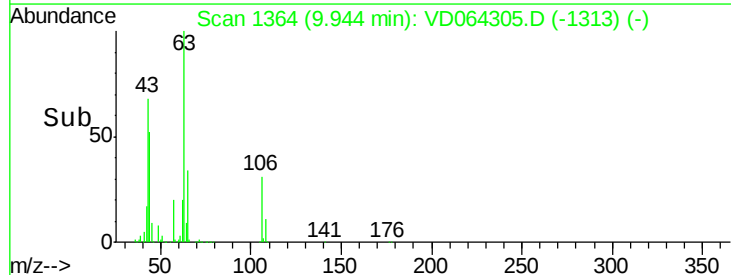
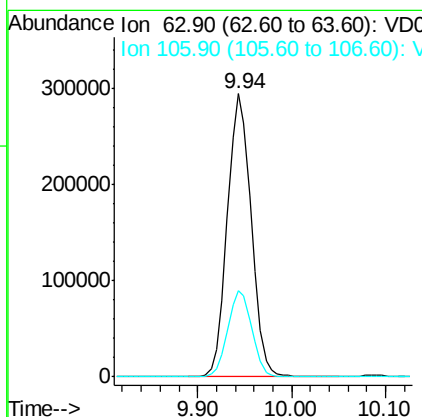
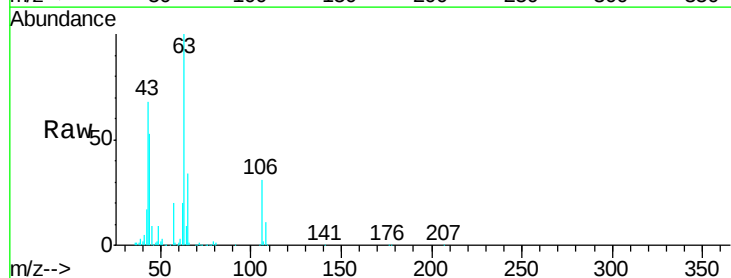
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

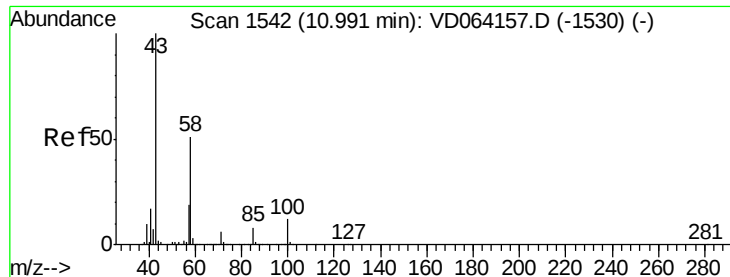
Tgt Ion: 76 Resp: 333529
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.570 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 63 Resp: 519177
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.1 36.1

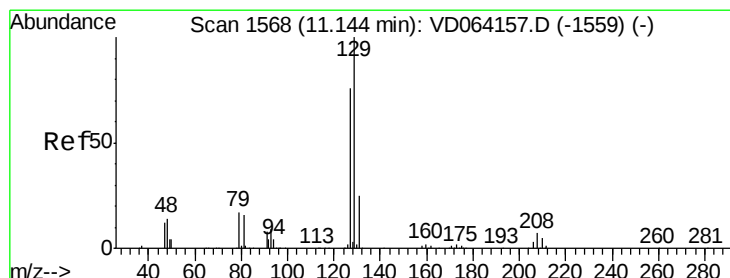
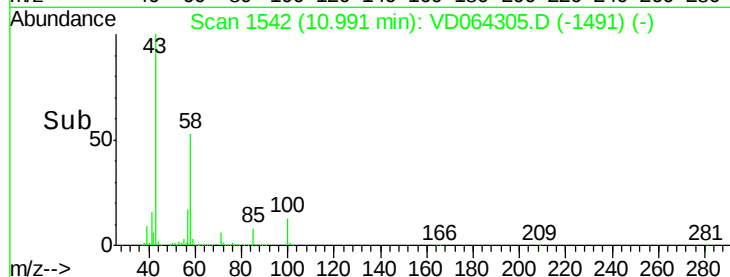
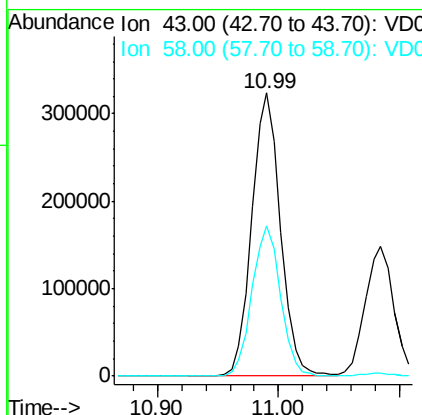
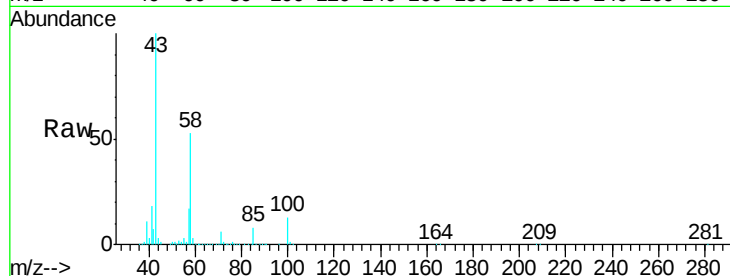




#59
2-Hexanone
Concen: 209.787 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

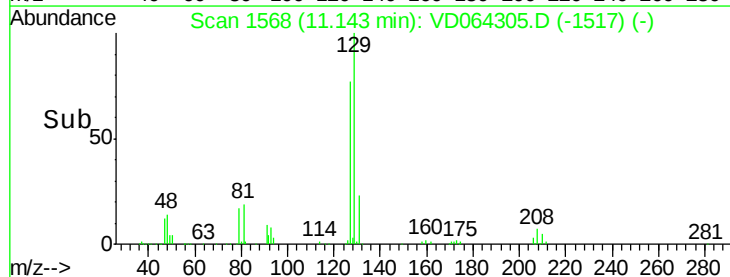
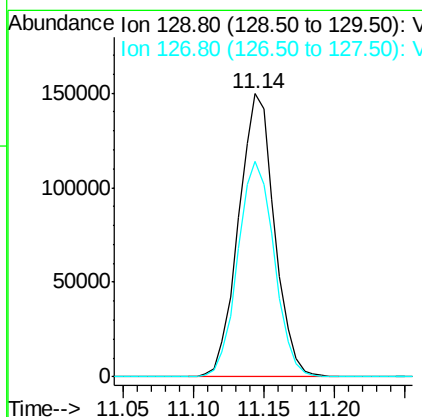
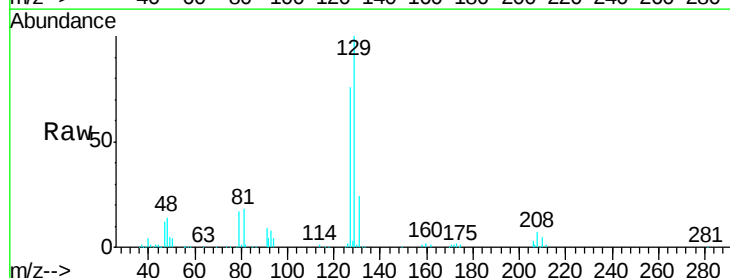
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 534550
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.7



#60
Dibromochloromethane
Concen: 45.827 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 129 Resp: 265624
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8

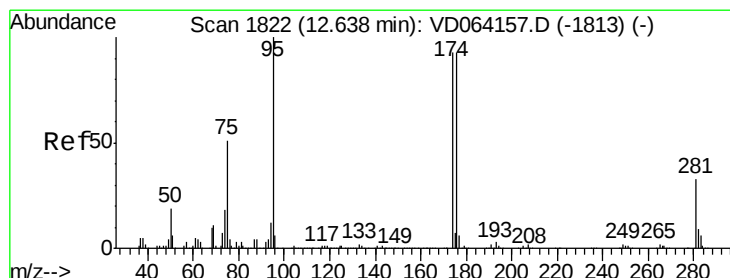
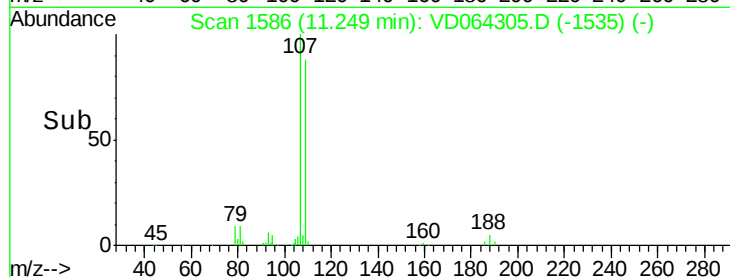
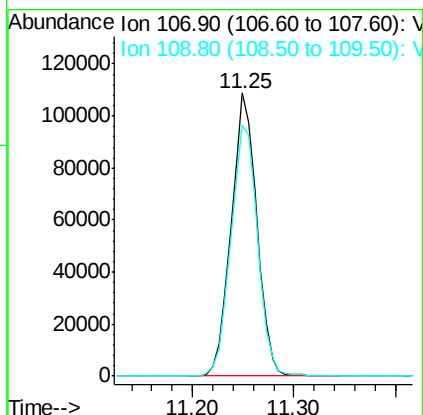
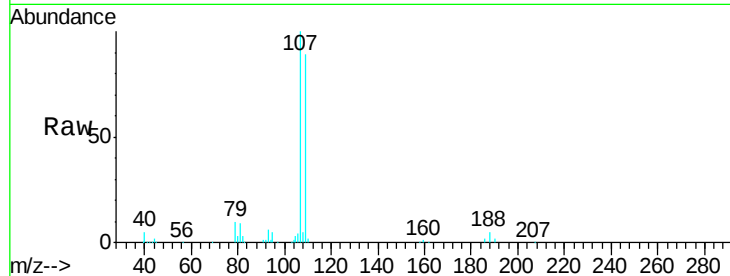




#61
 1,2-Dibromoethane
 Concen: 45.681 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

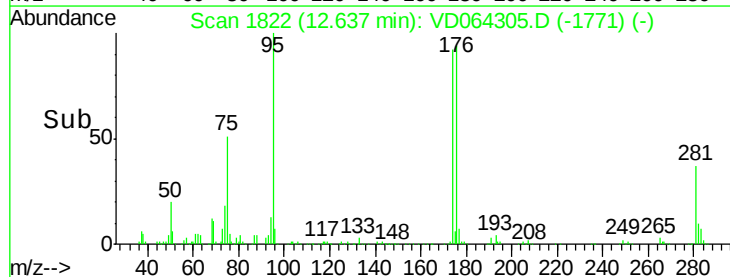
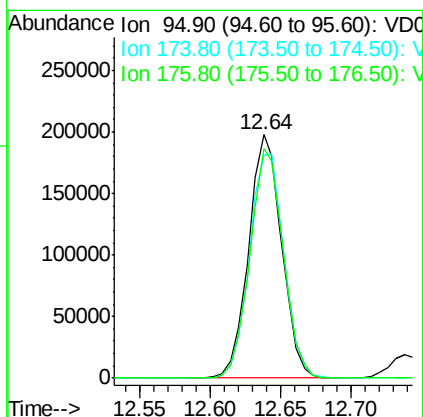
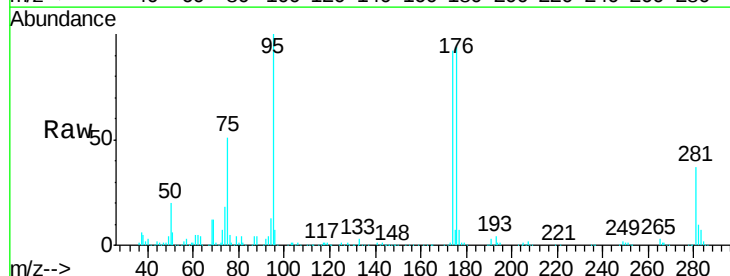
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

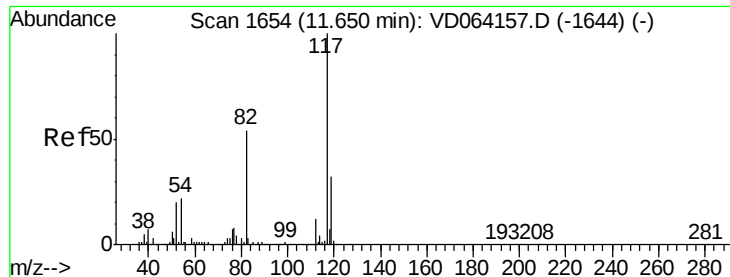
Tgt Ion: 107 Resp: 190058
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 46.385 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion: 95 Resp: 324063
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 183.6
 176 95.1 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

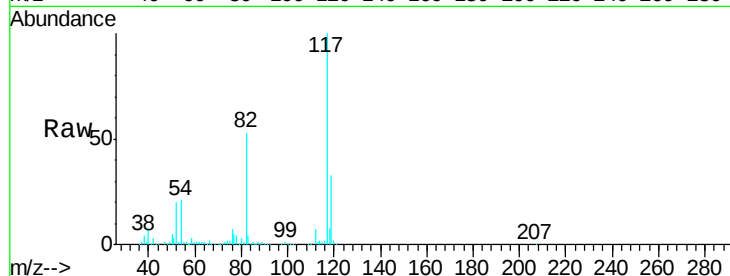
Tgt Ion:117 Resp: 783688

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

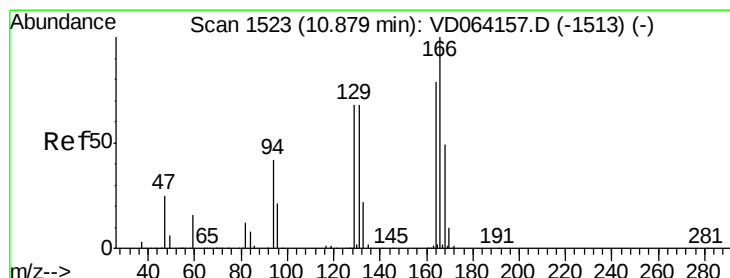
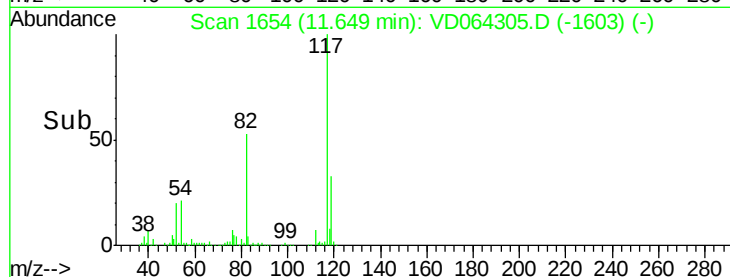
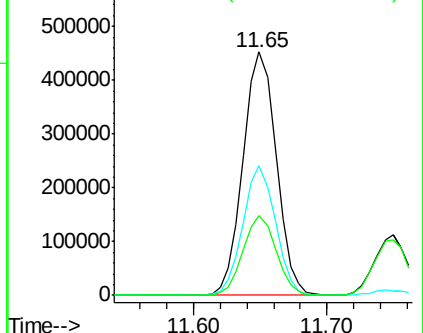
119 32.7 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.139 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Tgt Ion:164 Resp: 290149

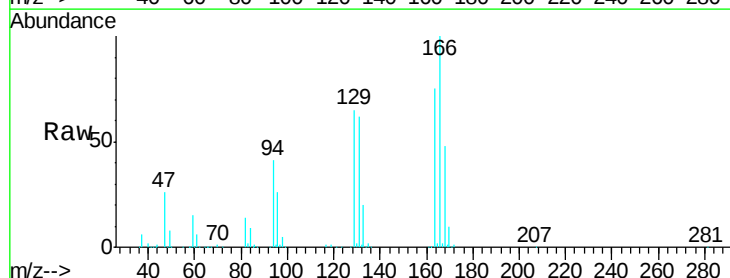
Ion Ratio Lower Upper

164 100

166 132.6 100.8 151.2

129 85.5 68.7 103.1

131 82.7 68.1 102.1

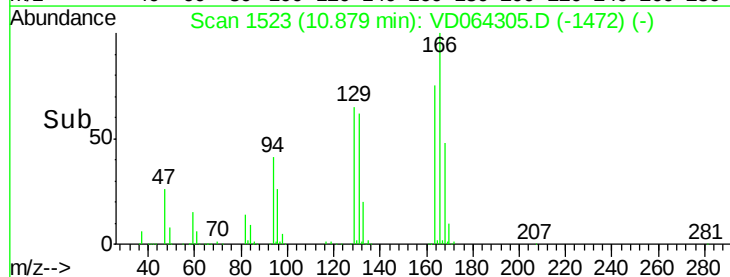
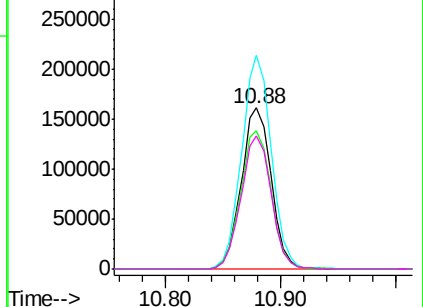


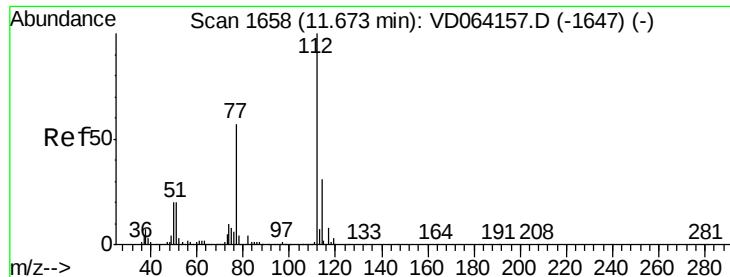
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

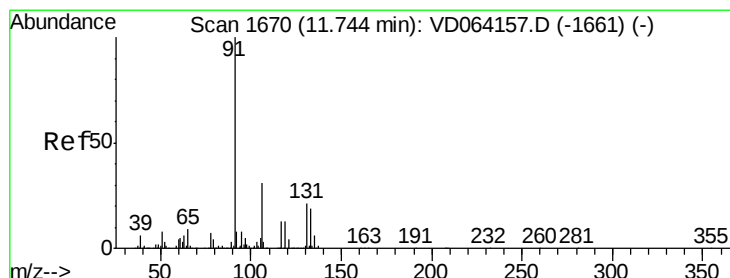
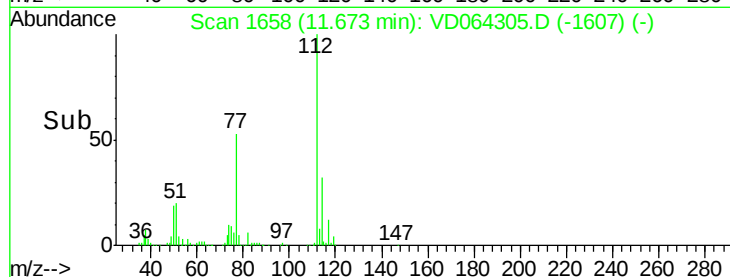
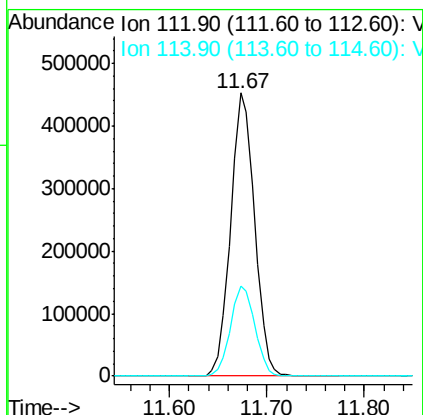
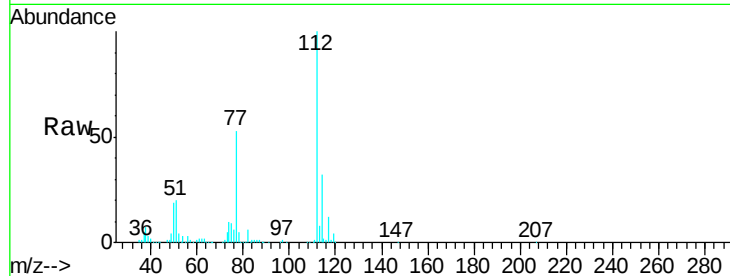




#65
Chlorobenzene
Concen: 48.361 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

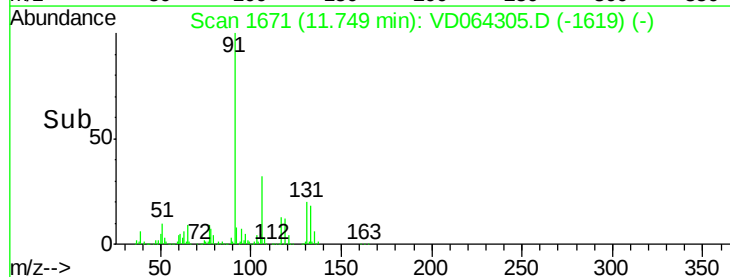
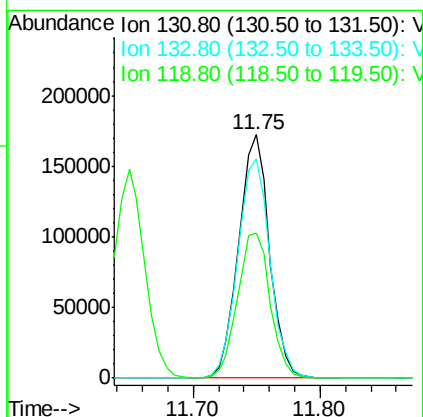
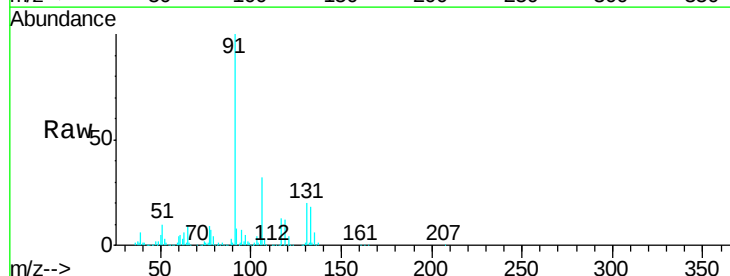
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

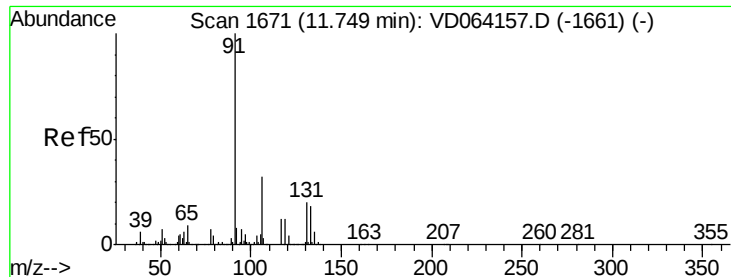
Tgt Ion:112 Resp: 770706
Ion Ratio Lower Upper
112 100
114 31.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.927 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion:131 Resp: 290420
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.1 31.1 93.3





#67

Ethyl Benzene

Concen: 48.708 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

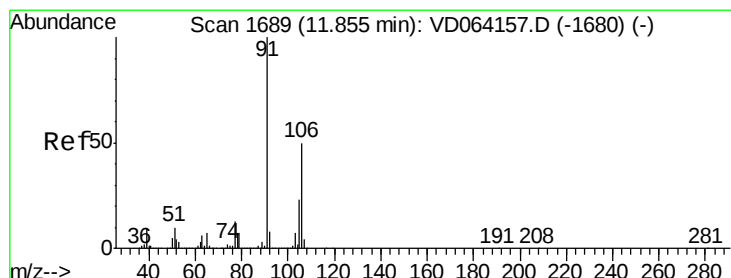
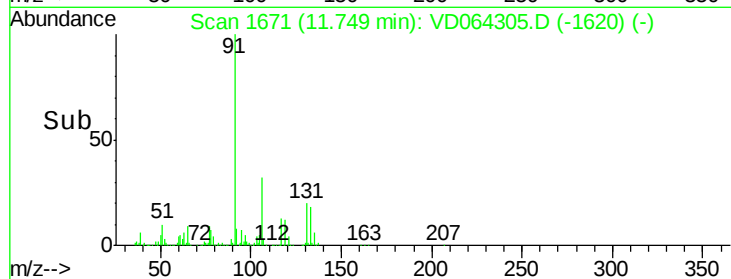
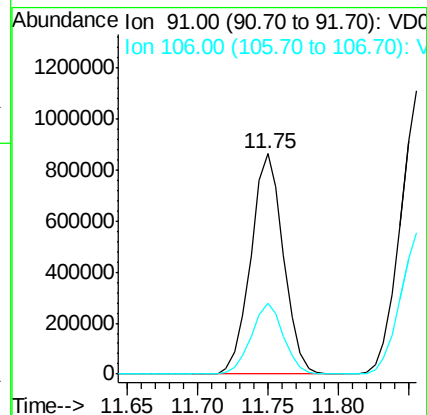
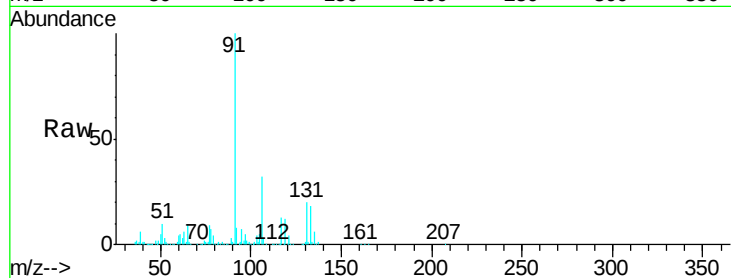
VSTDCCC050

Tgt Ion: 91 Resp: 1404058

Ion Ratio Lower Upper

91 100

106 32.5 25.5 38.3



#68

m/p-Xylenes

Concen: 97.881 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD064305.D

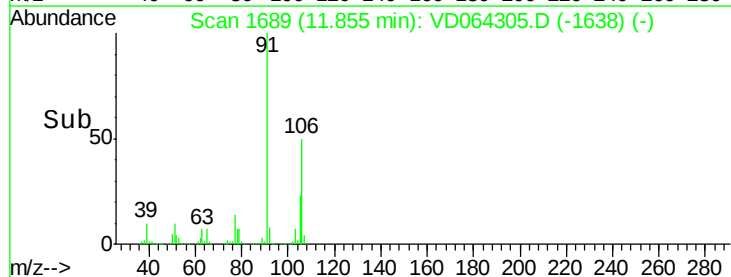
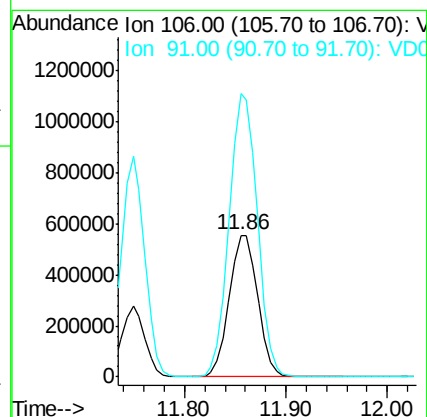
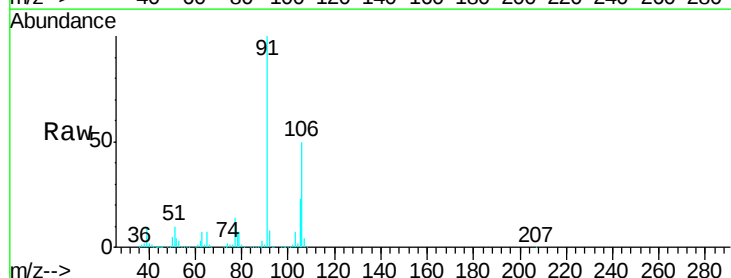
Acq: 20 Nov 2019 10:59

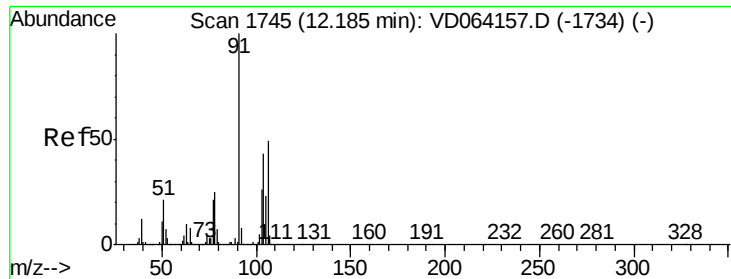
Tgt Ion: 106 Resp: 1081494

Ion Ratio Lower Upper

106 100

91 198.5 160.3 240.5

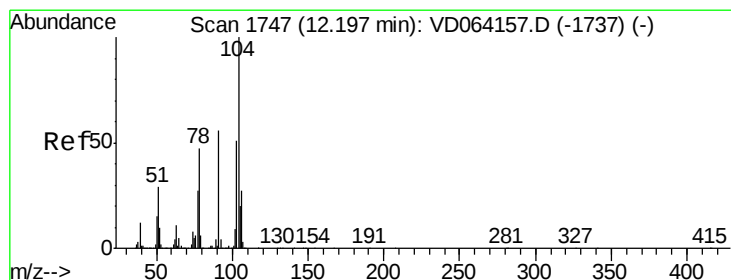
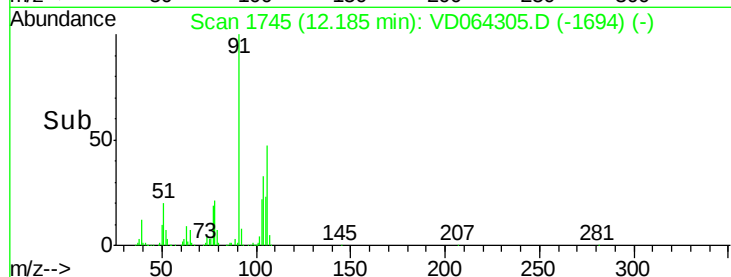
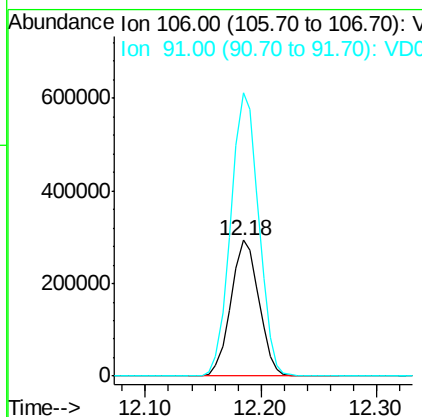
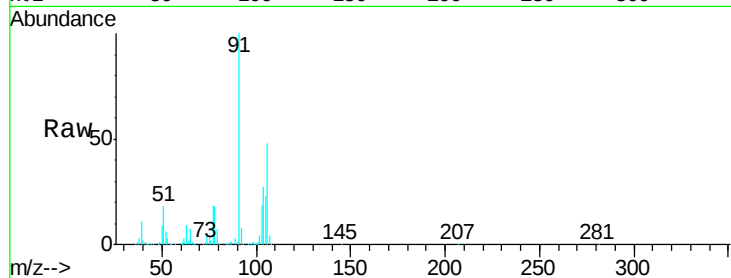




#69
o-Xylene
Concen: 48.079 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

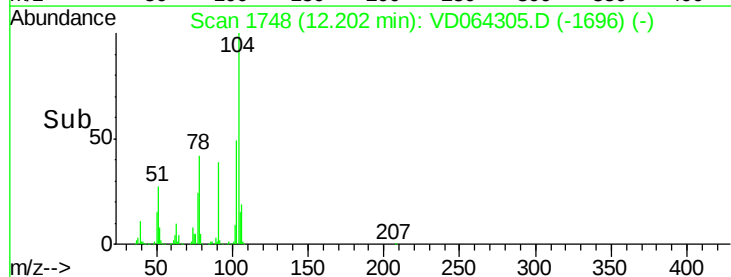
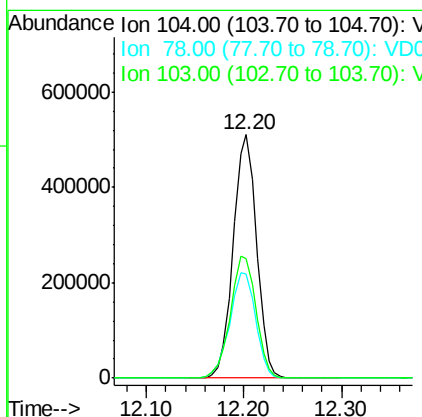
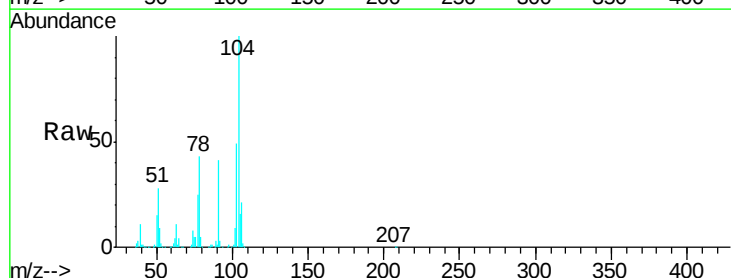
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

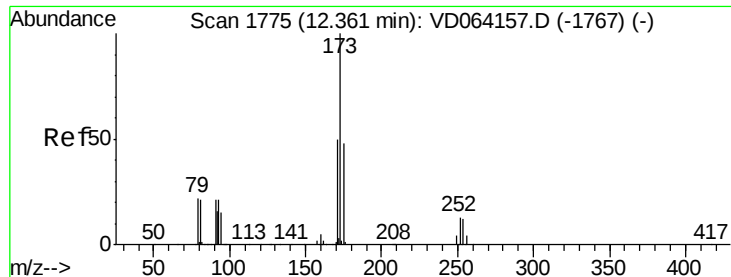
Tgt Ion:106 Resp: 492687
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3



#70
Styrene
Concen: 47.543 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion:104 Resp: 850431
Ion Ratio Lower Upper
104 100
78 48.2 39.9 59.9
103 55.0 43.4 65.0





#71

Bromoform

Concen: 46.117 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

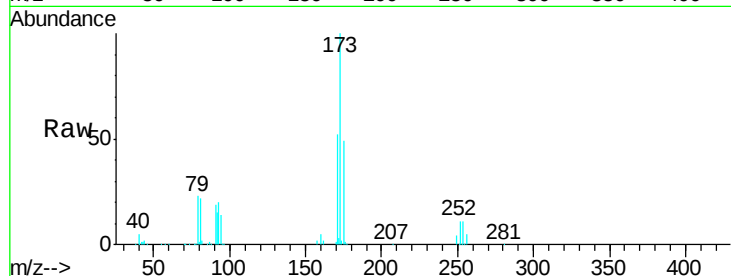
Tgt Ion:173 Resp: 159039

Ion Ratio Lower Upper

173 100

175 49.3 24.1 72.3

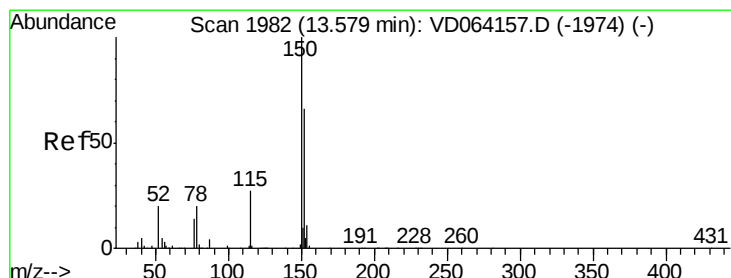
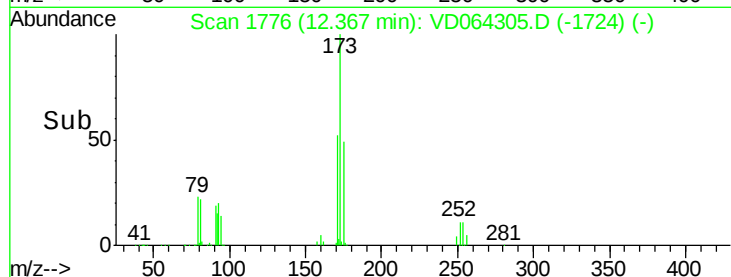
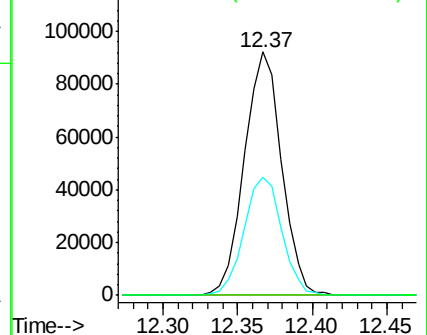
254 0.1 0.2 0.2#



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. 0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

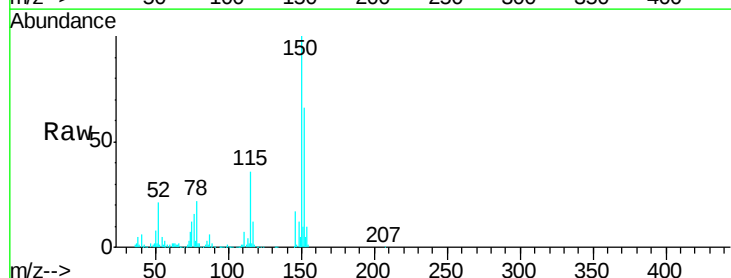
Tgt Ion:152 Resp: 382786

Ion Ratio Lower Upper

152 100

115 52.6 27.4 82.2

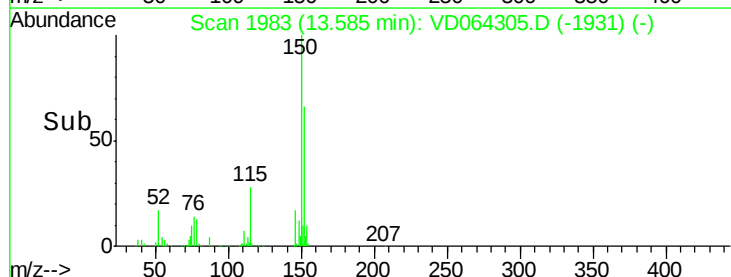
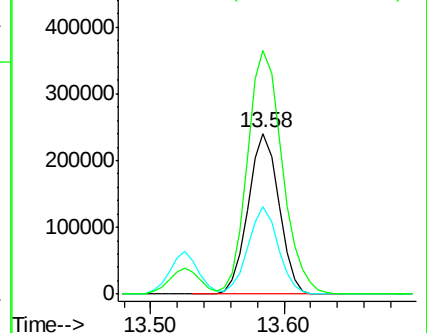
150 171.1 0.0 351.6

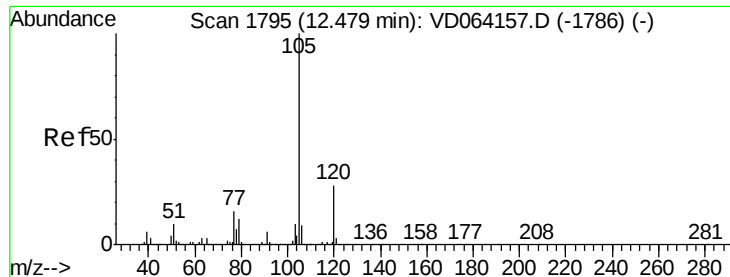


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.112 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

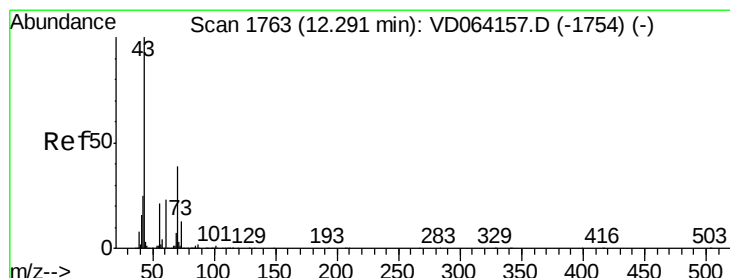
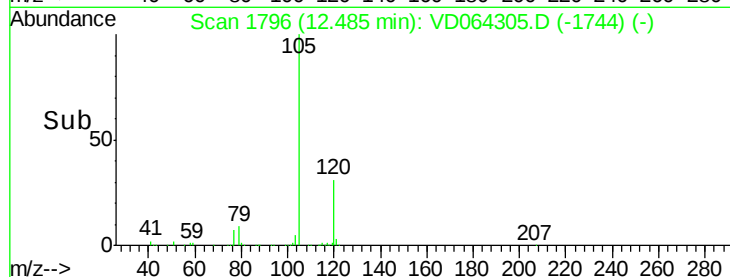
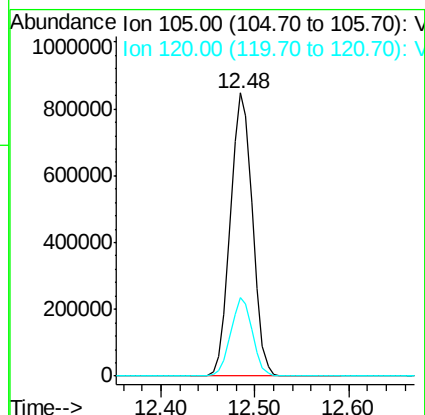
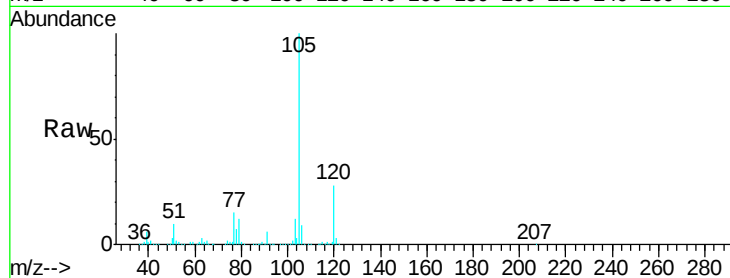
VSTDCCC050

Tgt Ion:105 Resp: 1379874

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 40.291 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Tgt Ion: 43 Resp: 267324

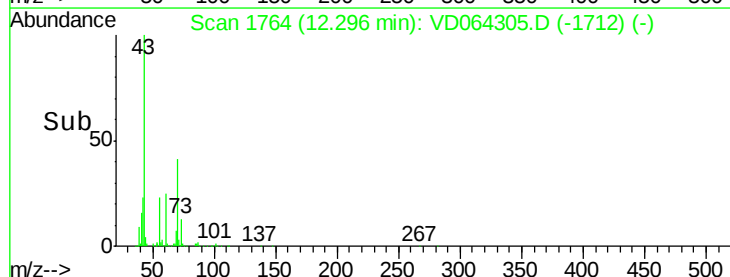
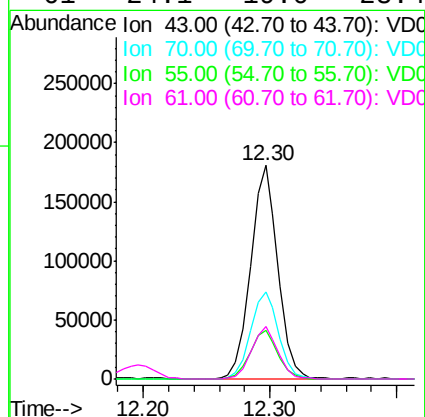
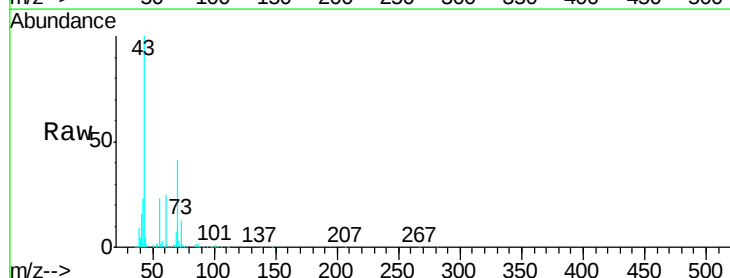
Ion Ratio Lower Upper

43 100

70 42.2 32.4 48.6

55 23.7 17.9 26.9

61 24.1 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.172 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

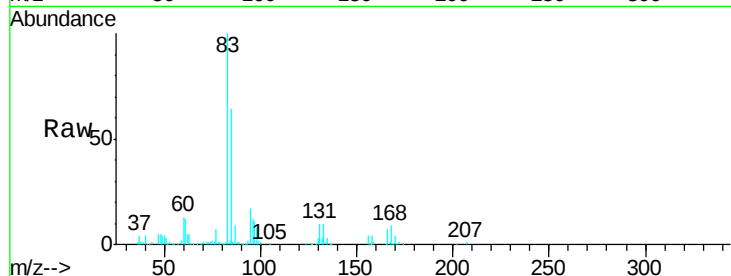
Tgt Ion: 83 Resp: 191242

Ion Ratio Lower Upper

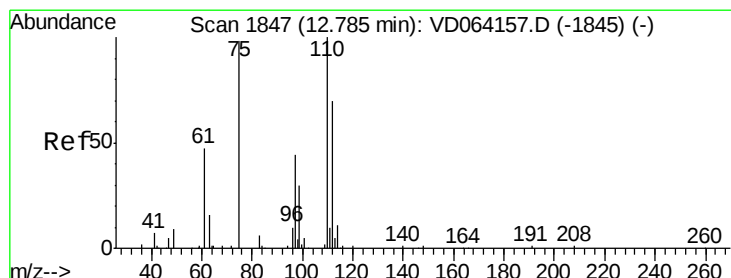
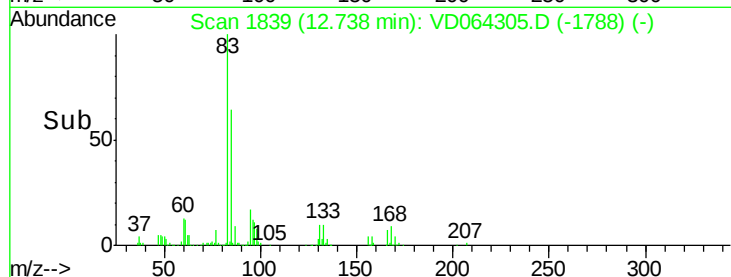
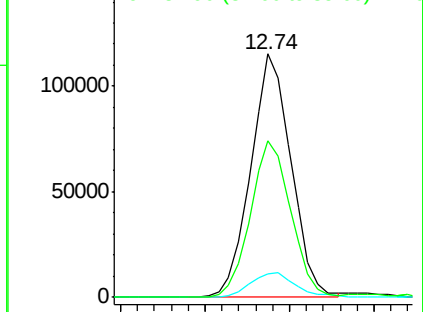
83 100

131 11.5 5.9 17.7

85 64.4 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 84.289 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD064305.D

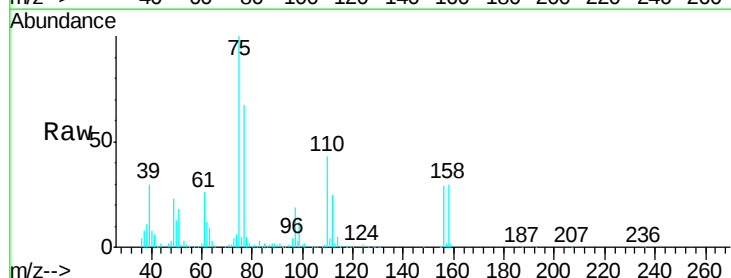
Acq: 20 Nov 2019 10:59

Tgt Ion: 75 Resp: 259882

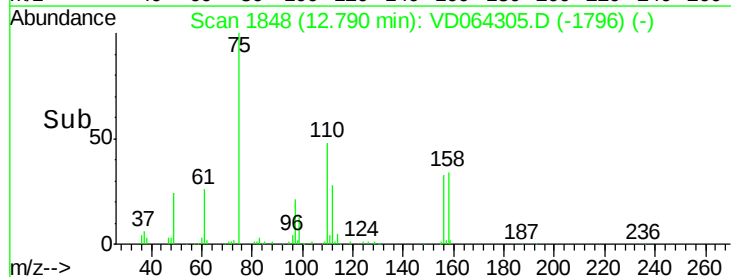
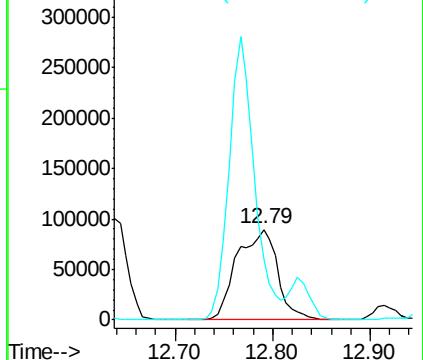
Ion Ratio Lower Upper

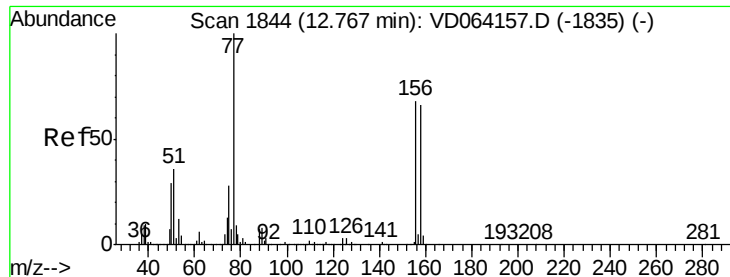
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.231 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

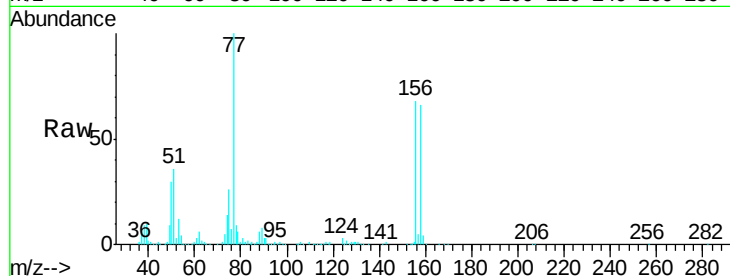
Tgt Ion: 156 Resp: 322389

Ion Ratio Lower Upper

156 100

77 157.4 81.2 243.4

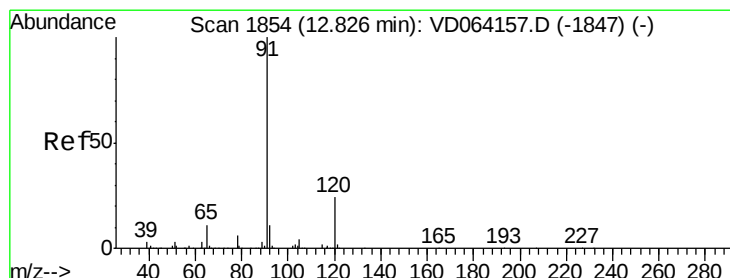
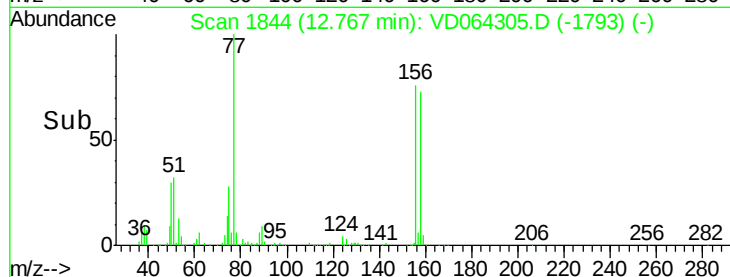
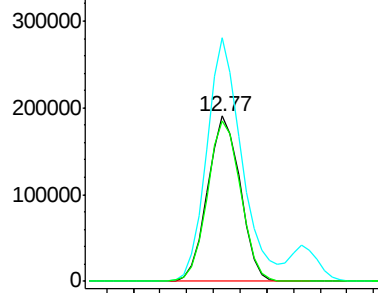
158 98.3 48.4 145.2



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: 48.786 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064305.D

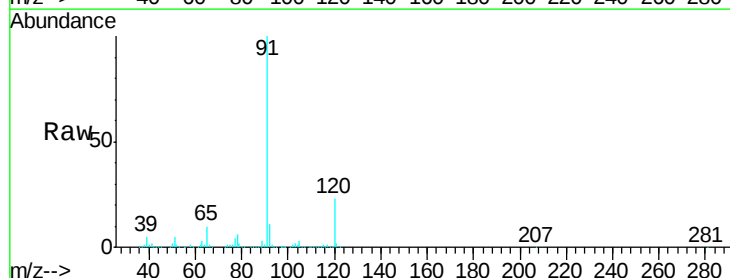
Acq: 20 Nov 2019 10:59

Tgt Ion: 91 Resp: 1566054

Ion Ratio Lower Upper

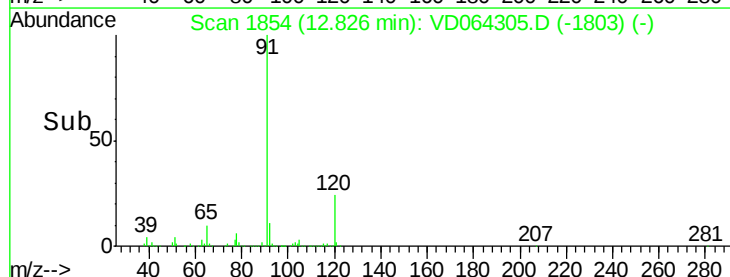
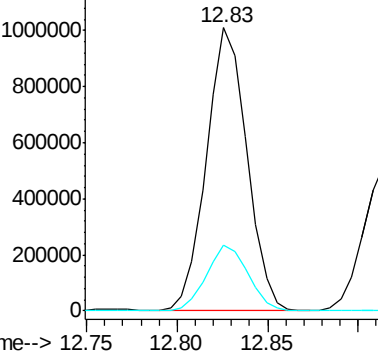
91 100

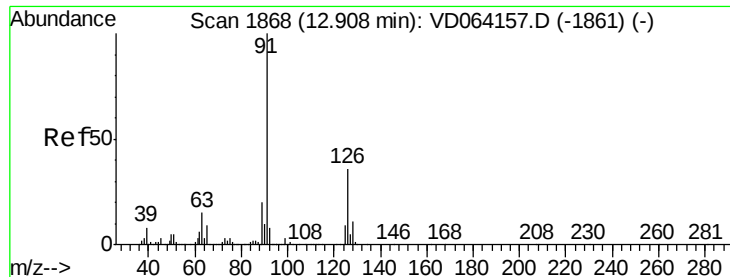
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.902 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD064305.D

Acq: 20 Nov 2019 10:59

Instrument :

MSVOA_D

ClientSampleId :

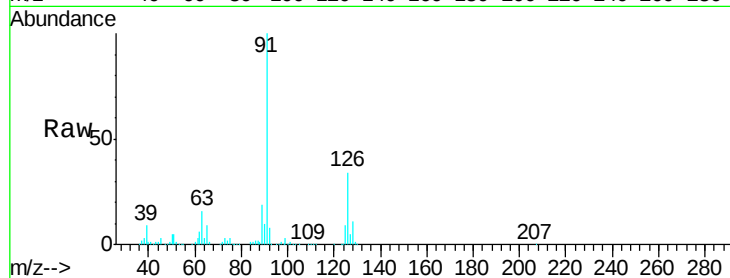
VSTDCCC050

Tgt Ion: 91 Resp: 850015

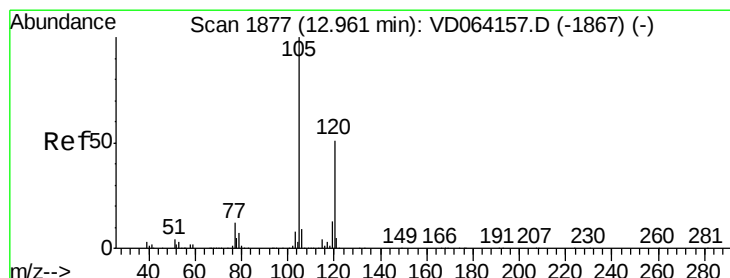
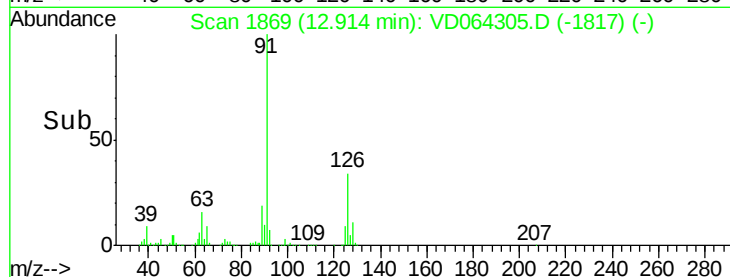
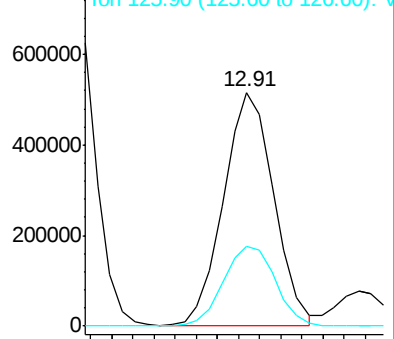
Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 48.140 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.01 min

Lab File: VD064305.D

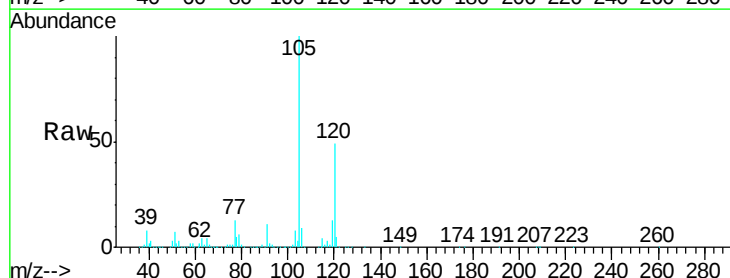
Acq: 20 Nov 2019 10:59

Tgt Ion: 105 Resp: 1111390

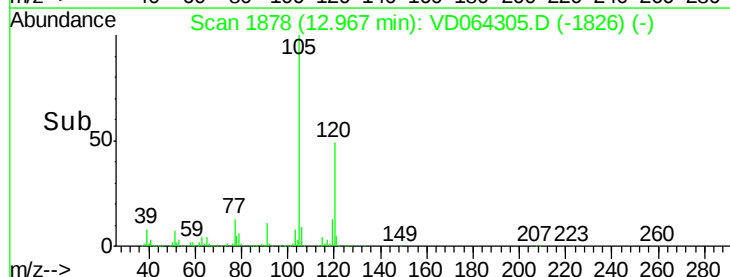
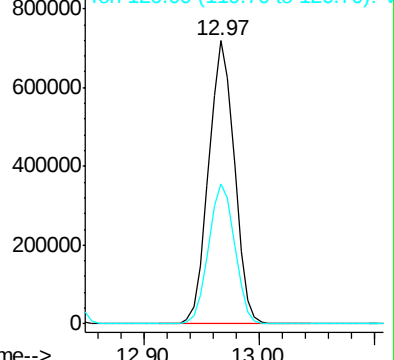
Ion Ratio Lower Upper

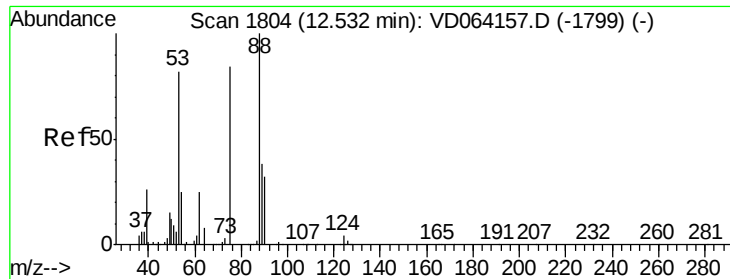
105 100

120 50.3 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

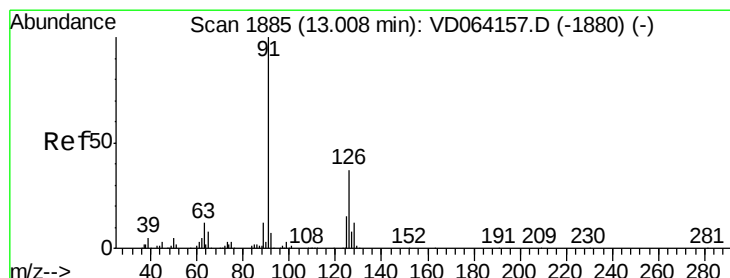
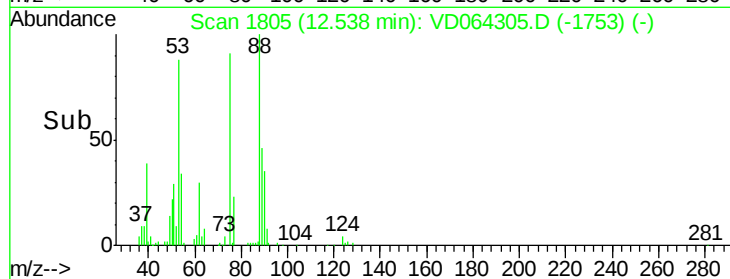
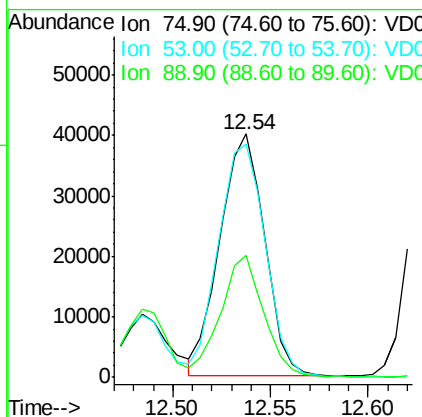
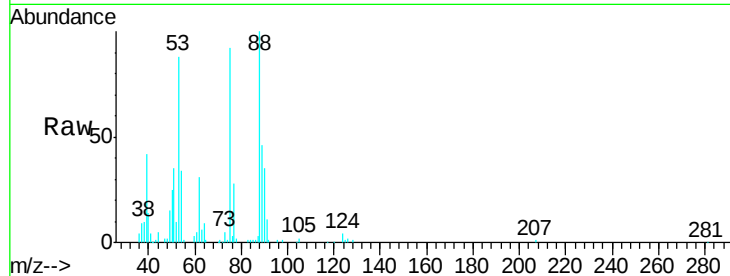




#81
trans-1,4-Dichloro-2-butene
Concen: 41.040 ug/l
RT: 12.54 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

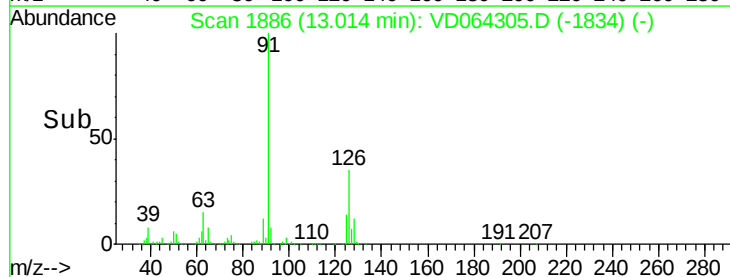
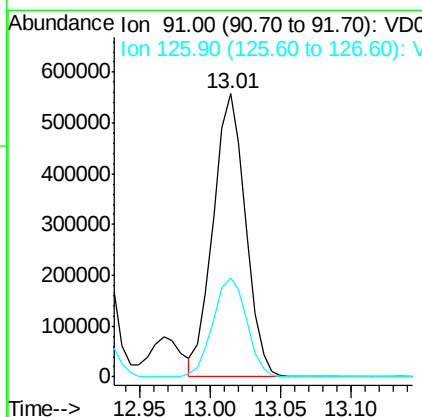
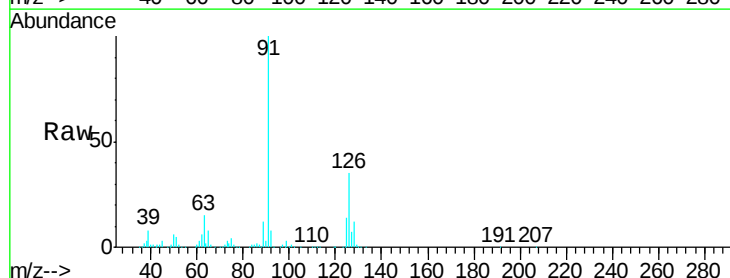
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

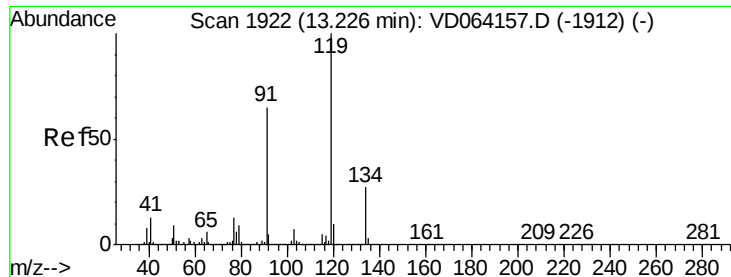
Tgt Ion: 75 Resp: 63701
Ion Ratio Lower Upper
75 100
53 101.2 79.4 119.0
89 48.6 36.6 55.0



#82
4-Chlorotoluene
Concen: 46.879 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 91 Resp: 886156
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.4

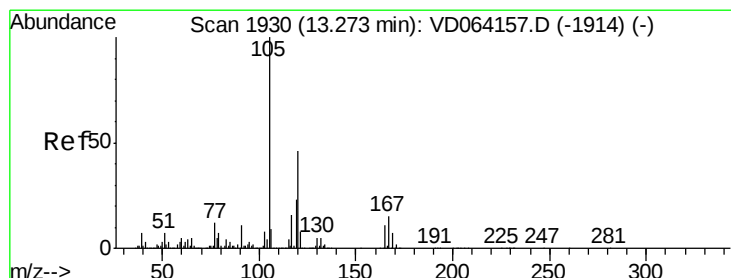
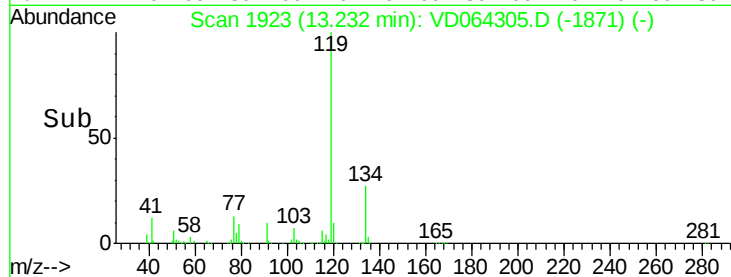
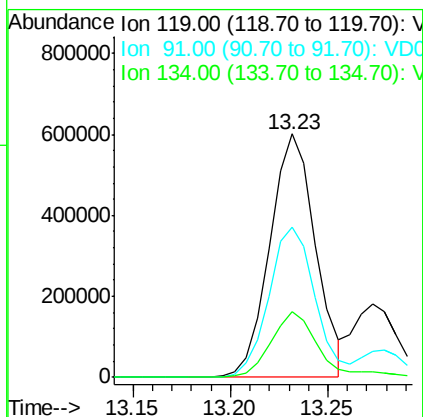
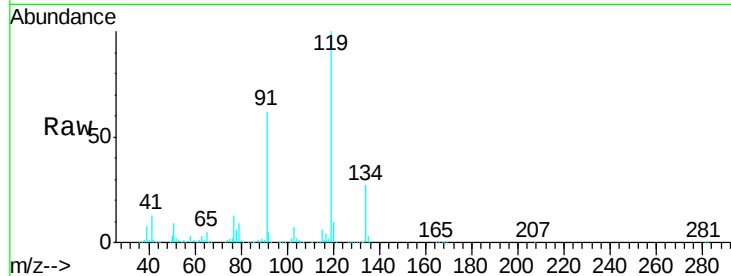




#83
 tert-Butylbenzene
 Concen: 47.745 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

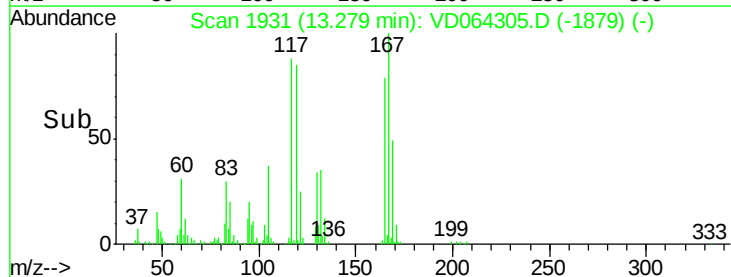
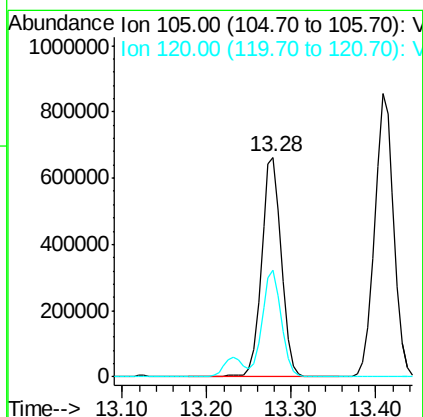
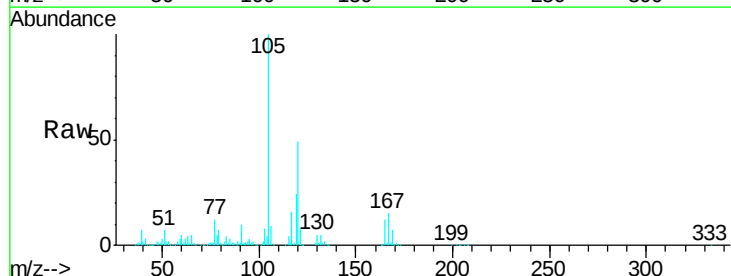
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

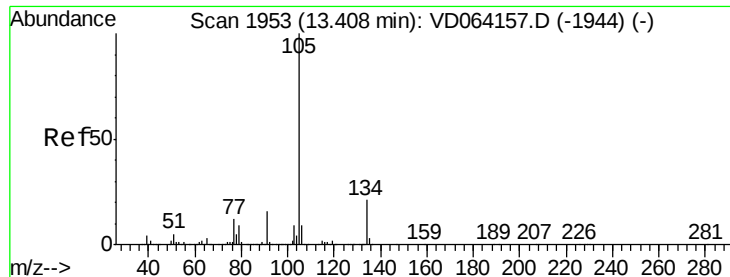
Tgt Ion:119 Resp: 971972
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.8 95.4
 134 28.1 13.7 41.0



#84
 1,2,4-Trimethylbenzene
 Concen: 47.528 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion:105 Resp: 1083295
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.8

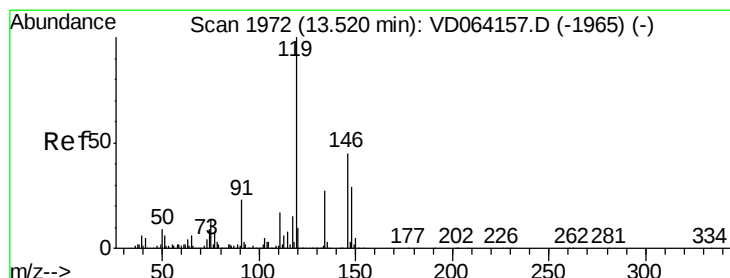
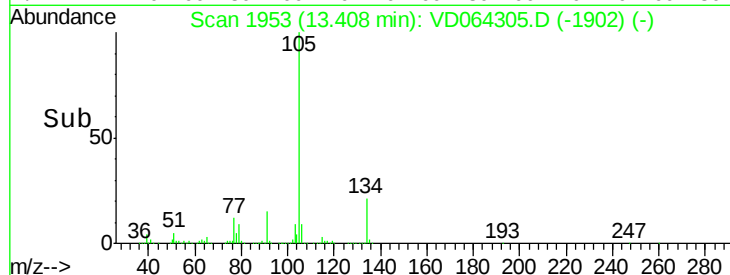
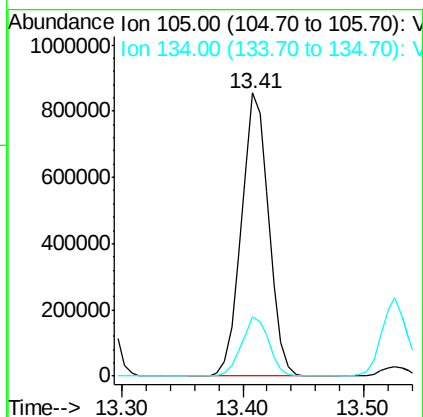
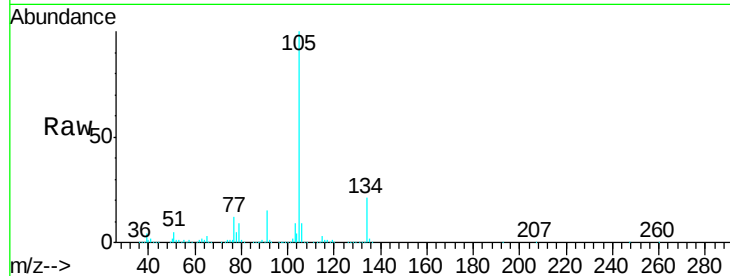




#85
 sec-Butylbenzene
 Concen: 49.242 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

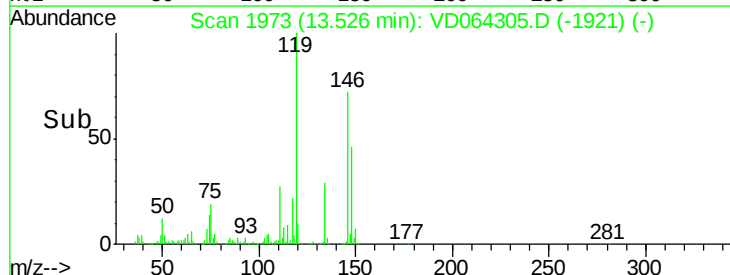
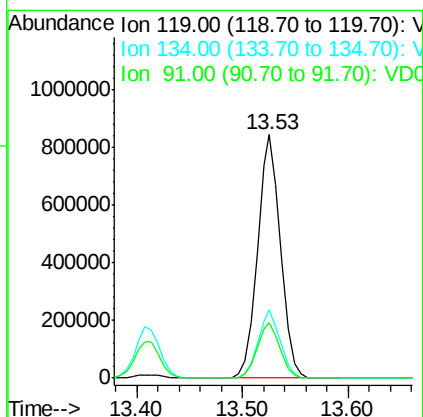
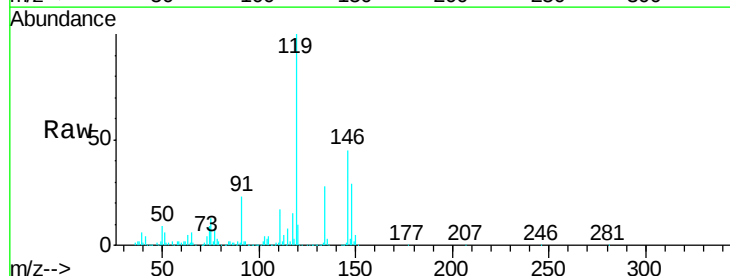
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

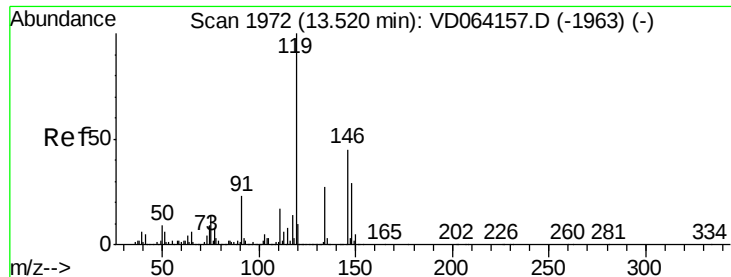
Tgt Ion:105 Resp: 1346376
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 48.865 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion:119 Resp: 1270187
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.5
 91 22.6 11.5 34.4

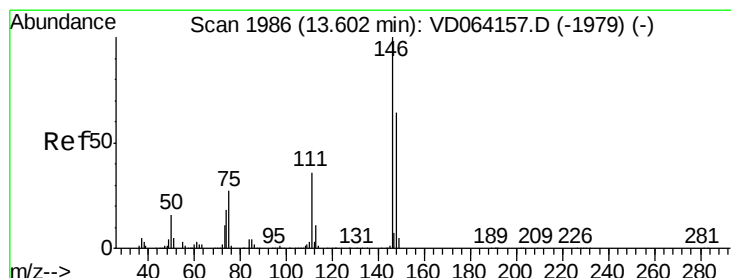
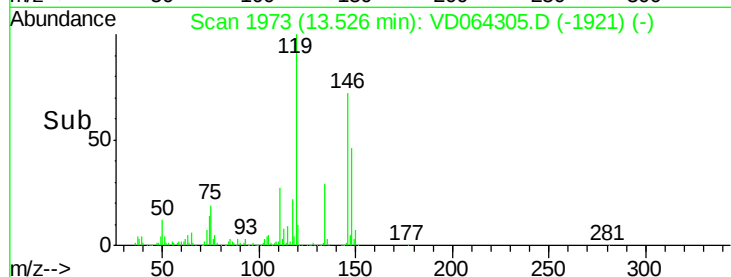
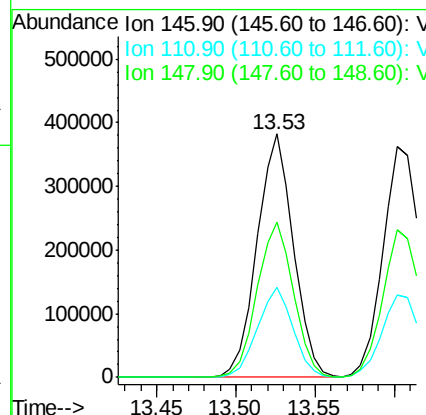
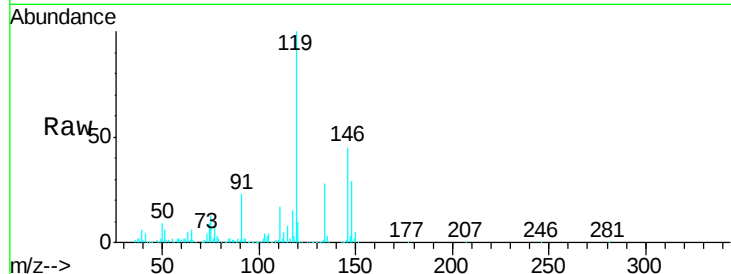




#87
 1,3-Dichlorobenzene
 Concen: 48.090 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

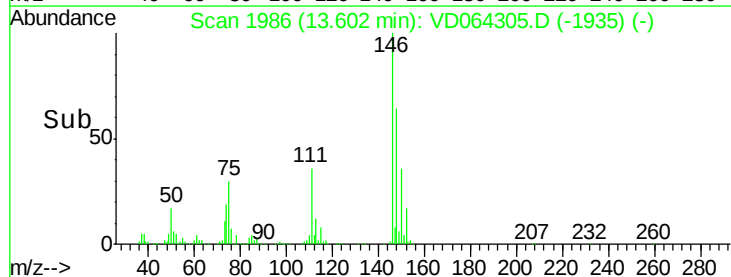
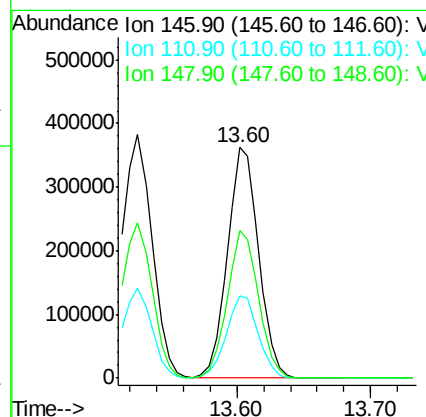
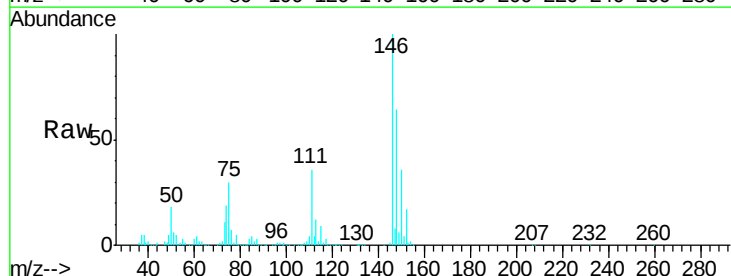
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 609330
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.9 56.9
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.080 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion:146 Resp: 594578
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.4
 148 63.9 31.9 95.7

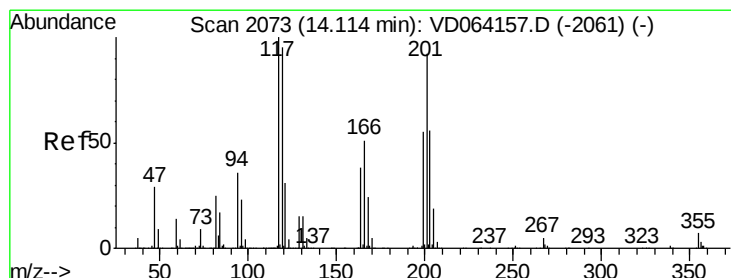
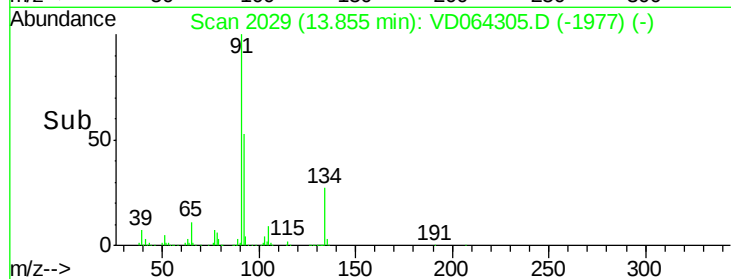
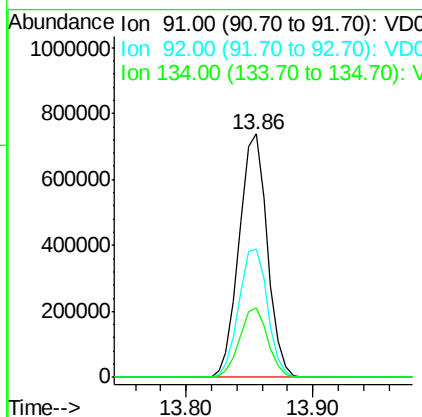
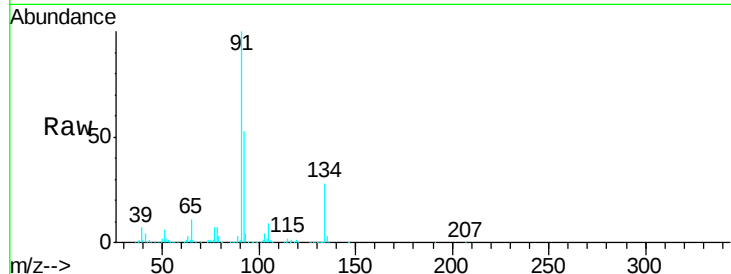




#89
n-Butylbenzene
Concen: 48.281 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

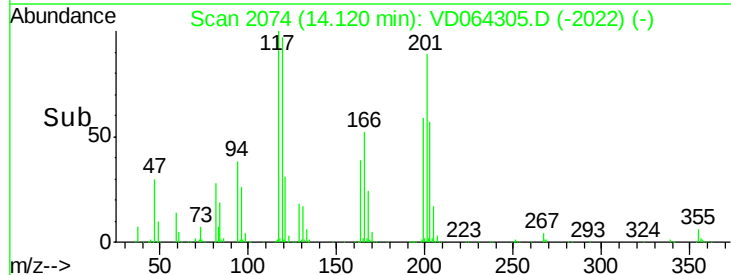
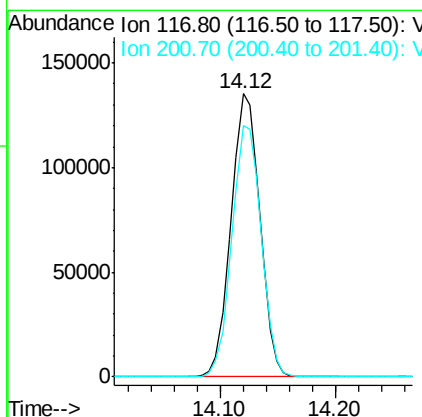
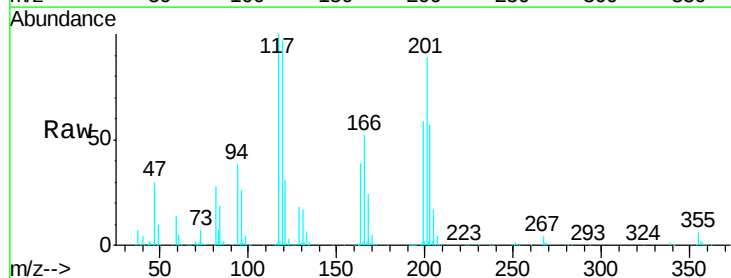
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1133846
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.8
134 28.6 14.1 42.4



#90
Hexachloroethane
Concen: 48.744 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion: 117 Resp: 234163
Ion Ratio Lower Upper
117 100
201 90.2 45.8 137.4

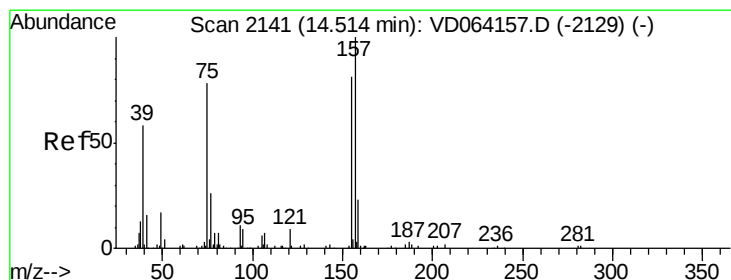
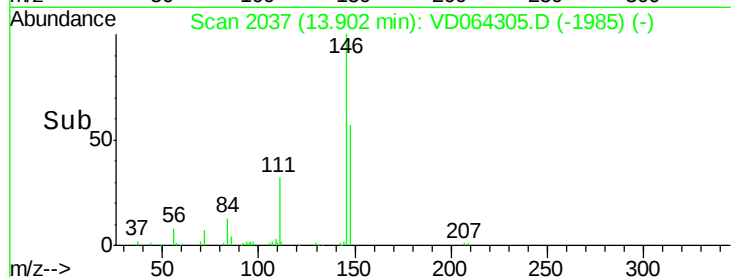
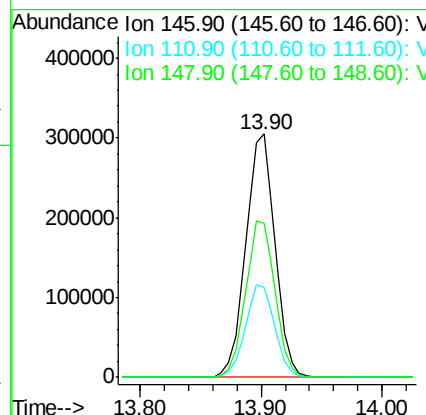
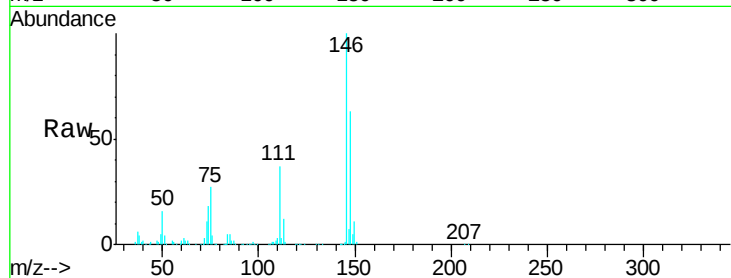




#91
 1,2-Dichlorobenzene
 Concen: 47.960 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

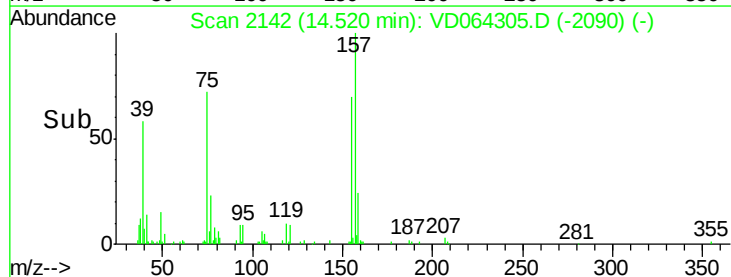
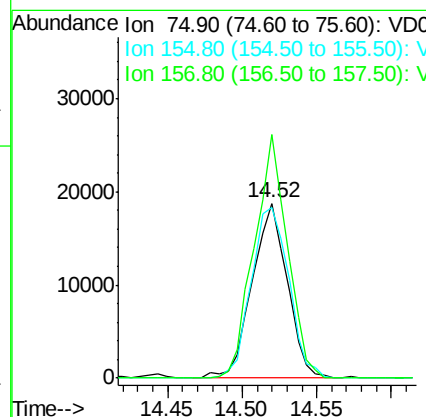
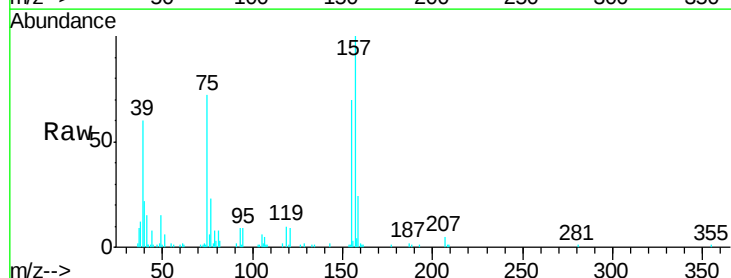
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	64.5	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.151 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.1	48.0	144.0
157	132.1	61.5	184.4

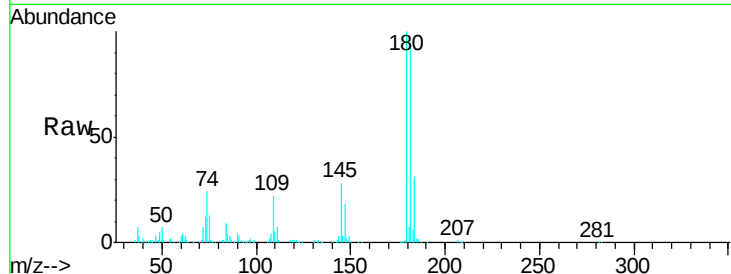




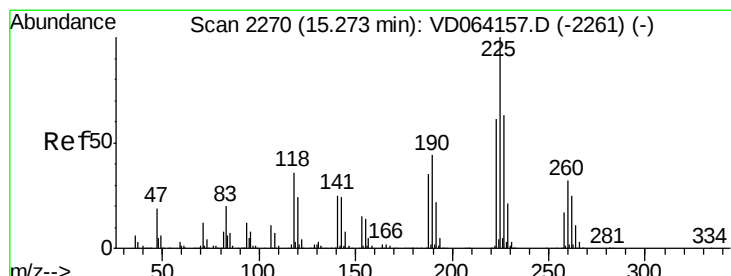
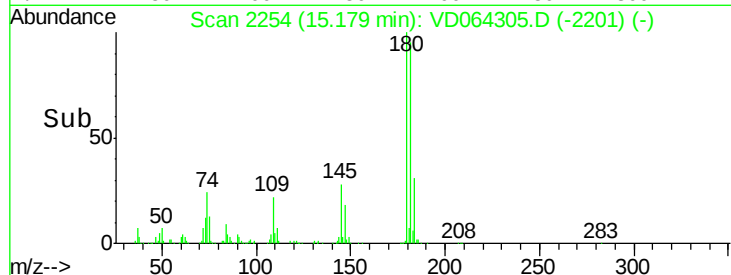
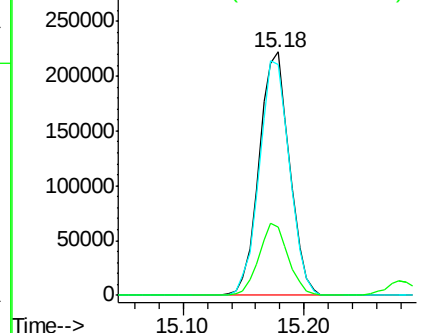
#93
 1,2,4-Trichlorobenzene
 Concen: 46.762 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.5
145	28.6	14.2	42.6

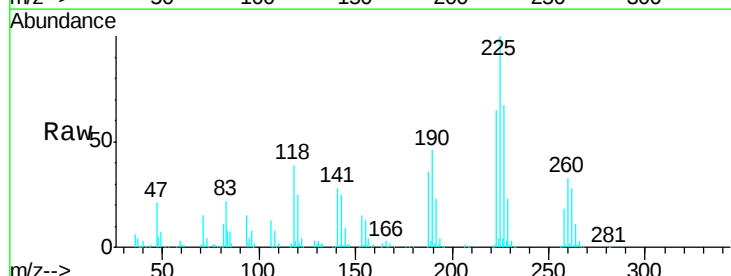


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

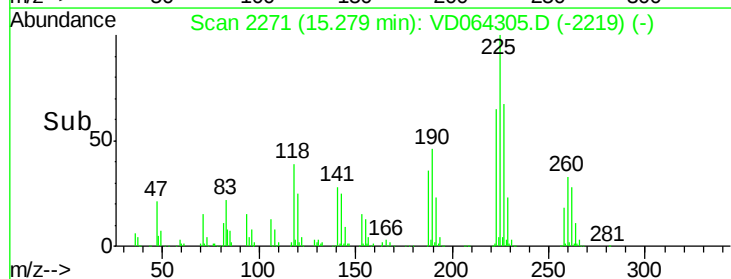
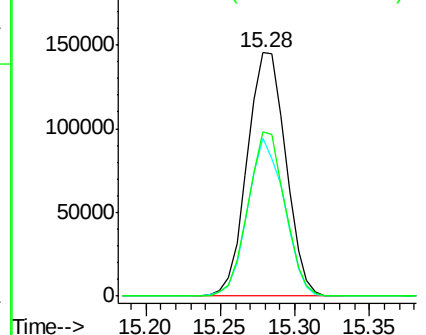


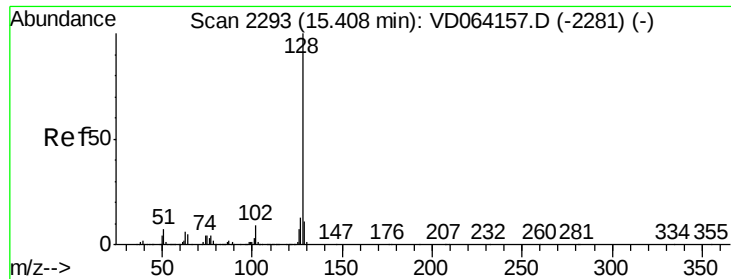
#94
 Hexachlorobutadiene
 Concen: 48.618 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD064305.D
 Acq: 20 Nov 2019 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.3
227	64.7	31.5	94.5



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

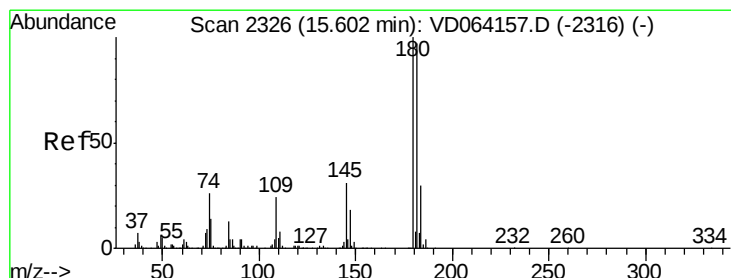
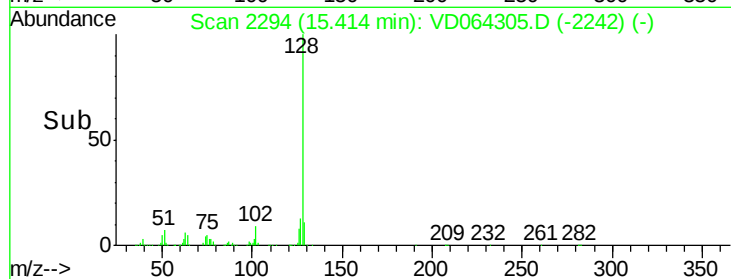
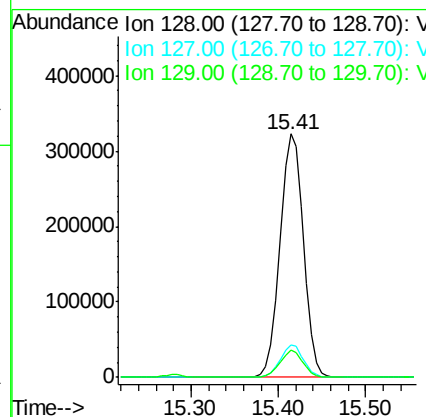
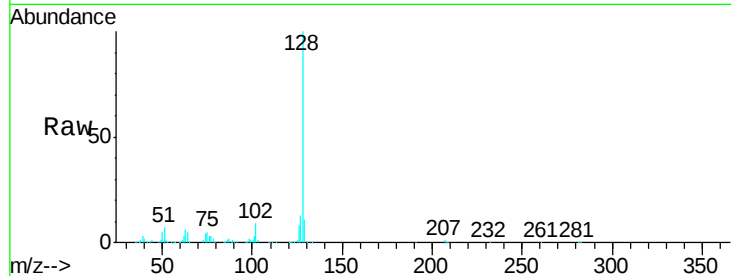




#95
Naphthalene
Concen: 44.480 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 603219
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.325 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD064305.D
Acq: 20 Nov 2019 10:59

Tgt Ion:180 Resp: 325776
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 29.6 15.3 45.8

