

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032620\
 Data File : VD065530.D
 Acq On : 26 Mar 2020 17:30
 Operator : VA/SY
 Sample : VSTDIC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Quant Time: Mar 27 01:17:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:12:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	553840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	724453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	362948	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	442478	93.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.60%	
35) Dibromofluoromethane	7.92	113	478970	99.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.76%	
50) Toluene-d8	10.34	98	1871817	101.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.06%	
62) 4-Bromofluorobenzene	12.64	95	604344	105.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	290995	64.593	ug/l	99
3) Chloromethane	2.21	50	414758	74.508	ug/l	99
4) Vinyl Chloride	2.35	62	463752	84.174	ug/l	99
5) Bromomethane	2.76	94	318274	88.528	ug/l	96
6) Chloroethane	2.92	64	302351	88.797	ug/l	99
7) Trichlorofluoromethane	3.27	101	698106	85.405	ug/l	99
8) Diethyl Ether	3.71	74	232776	94.559	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	462527	87.236	ug/l	99
10) Methyl Iodide	4.30	142	638238	114.538	ug/l	98
11) Tert butyl alcohol	5.24	59	122693	453.299	ug/l	100
12) 1,1-Dichloroethene	4.06	96	454688	89.829	ug/l	98
13) Acrolein	3.93	56	224112	472.352	ug/l	98
14) Allyl chloride	4.71	41	729758	94.145	ug/l	98
15) Acrylonitrile	5.43	53	511943	480.862	ug/l	99
16) Acetone	4.17	43	402592	424.629	ug/l	97
17) Carbon Disulfide	4.40	76	1467193	87.369	ug/l	99
18) Methyl Acetate	4.73	43	223469	92.629	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	1023542	104.333	ug/l	97
20) Methylene Chloride	4.96	84	507354	85.847	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	530611	94.042	ug/l	96
22) Diisopropyl ether	6.37	45	1455921	100.200	ug/l	98
23) Vinyl Acetate	6.31	43	4250930	527.746	ug/l	99
24) 1,1-Dichloroethane	6.27	63	863493	93.001	ug/l	99
25) 2-Butanone	7.22	43	615133	475.507	ug/l	98
26) 2,2-Dichloropropane	7.21	77	751142	92.054	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	570501	98.740	ug/l	99
28) Bromochloromethane	7.55	49	366023	97.493	ug/l	98
29) Tetrahydrofuran	7.57	42	410824	497.396	ug/l	99
30) Chloroform	7.71	83	890790	95.585	ug/l	97
31) Cyclohexane	7.98	56	811205	87.728	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	794129	92.356	ug/l	99
36) 1,1-Dichloropropene	8.11	75	711484	96.127	ug/l	100
37) Ethyl Acetate	7.30	43	293007	101.795	ug/l	98
38) Carbon Tetrachloride	8.10	117	735976	95.583	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	908573	102.088	ug/l	99
40) Benzene	8.36	78	2030341	97.917	ug/l	99
41) Methacrylonitrile	7.53	41	185416	118.947	ug/l	90
42) 1,2-Dichloroethane	8.43	62	534487	98.077	ug/l	100
43) Isopropyl Acetate	8.46	43	539561	101.814	ug/l	99
44) Trichloroethene	9.11	130	580461	98.875	ug/l	99
45) 1,2-Dichloropropane	9.39	63	496355	98.637	ug/l	94
46) Dibromomethane	9.48	93	263667	100.867	ug/l	99
47) Bromodichloromethane	9.67	83	686103	100.857	ug/l	100
48) Methyl methacrylate	9.46	41	261655	104.577	ug/l	99
49) 1,4-Dioxane	9.47	88	62748	2084.895	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	1393987	520.996	ug/l	99
52) Toluene	10.41	92	1331968	101.782	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	671163	105.468	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	812348	105.559	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	373146	100.228	ug/l	99
56) Ethyl methacrylate	10.67	69	476816	113.756	ug/l	98
57) 1,3-Dichloropropane	10.95	76	638833	101.526	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	1194511	779.748	ug/l	100
59) 2-Hexanone	10.99	43	966095	523.066	ug/l	99
60) Dibromochloromethane	11.14	129	495317	103.588	ug/l	98
61) 1,2-Dibromoethane	11.25	107	367385	103.071	ug/l	99
64) Tetrachloroethene	10.88	164	506529	98.178	ug/l	97
65) Chlorobenzene	11.67	112	1400758	98.444	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	528442	101.397	ug/l	98
67) Ethyl Benzene	11.75	91	2499479	102.033	ug/l	100
68) m/p-Xylenes	11.86	106	1961182	207.442	ug/l	99
69) o-Xylene	12.18	106	894230	107.473	ug/l	99
70) Styrene	12.20	104	1556900	105.956	ug/l	100
71) Bromoform	12.37	173	298179	101.630	ug/l #	99
73) Isopropylbenzene	12.48	105	2385990	102.023	ug/l	100
74) N-amyl acetate	12.30	43	501367	104.594	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	384308	93.011	ug/l	100
76) 1,2,3-Trichloropropane	12.79	75	515275	178.556	ug/l #	100
77) Bromobenzene	12.77	156	594404	101.263	ug/l	99
78) n-propylbenzene	12.83	91	2812894	101.011	ug/l	100
79) 2-Chlorotoluene	12.91	91	1559099	99.132	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1969087	102.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	134876	100.764	ug/l	99
82) 4-Chlorotoluene	13.01	91	1623503	98.320	ug/l	99
83) tert-Butylbenzene	13.23	119	1680886	103.022	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	1957195	102.922	ug/l	99
85) sec-Butylbenzene	13.41	105	2361826	101.822	ug/l	100
86) p-Isopropyltoluene	13.53	119	2195518	103.605	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	1113437	98.626	ug/l	99
88) 1,4-Dichlorobenzene	13.61	146	1093486	97.297	ug/l	99
89) n-Butylbenzene	13.85	91	1979304	101.461	ug/l	98
90) Hexachloroethane	14.12	117	423019	96.854	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	957566	99.661	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	60256	95.423	ug/l	95

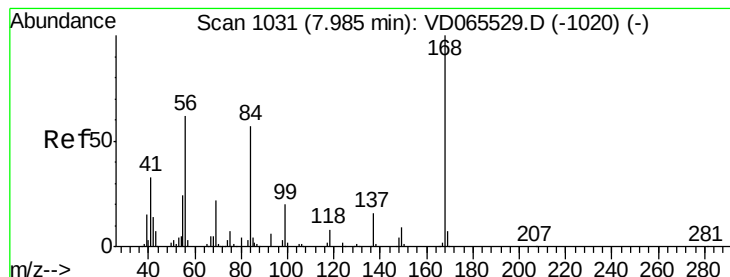
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	701069	107.471	ug/l	99
94) Hexachlorobutadiene	15.28	225	432281	101.492	ug/l	99
95) Naphthalene	15.41	128	1173188	112.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	612456	108.679	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

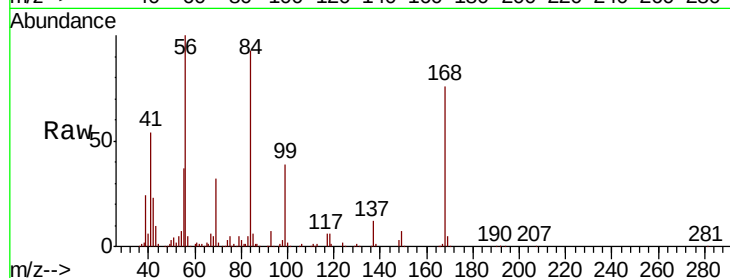
VSTDIC100

Tot Ion:168 Resp: 553840

Ion Ratio Lower Upper

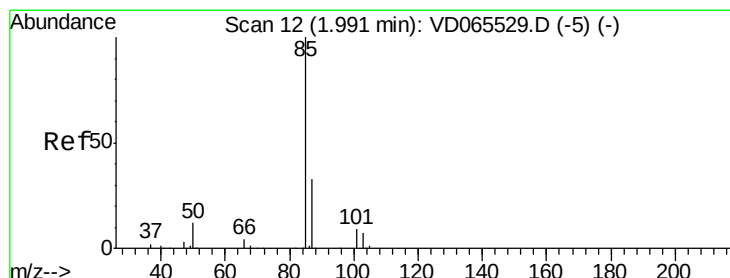
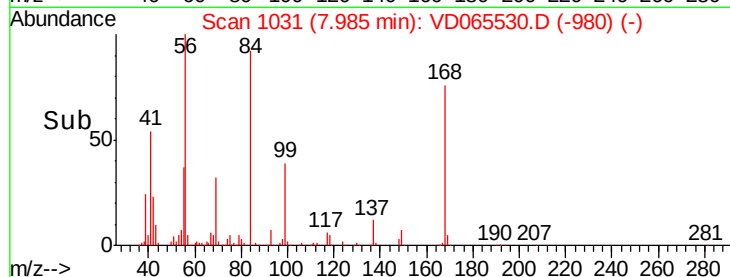
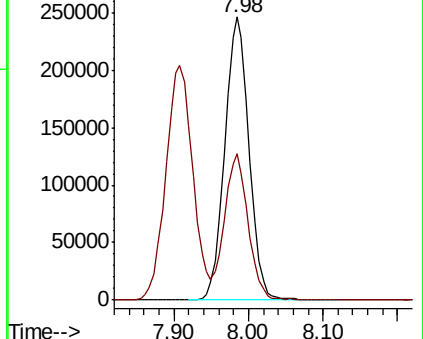
168 100

99 51.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 64.593 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD065530.D

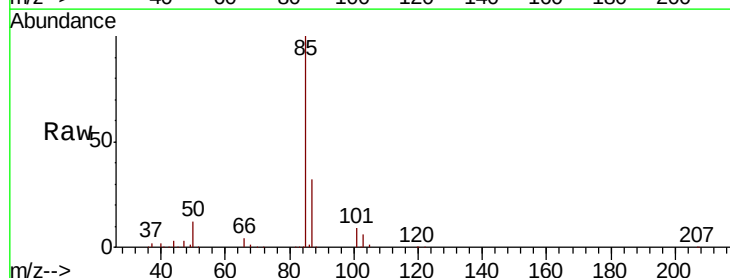
Acq: 26 Mar 2020 17:30

Tgt Ion: 85 Resp: 290995

Ion Ratio Lower Upper

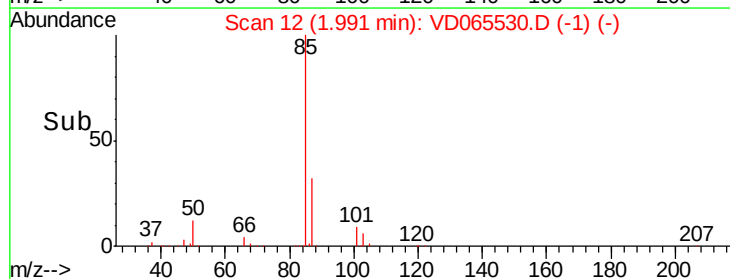
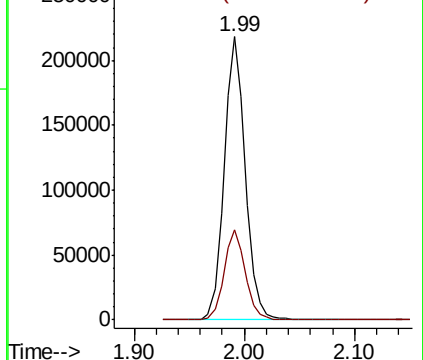
85 100

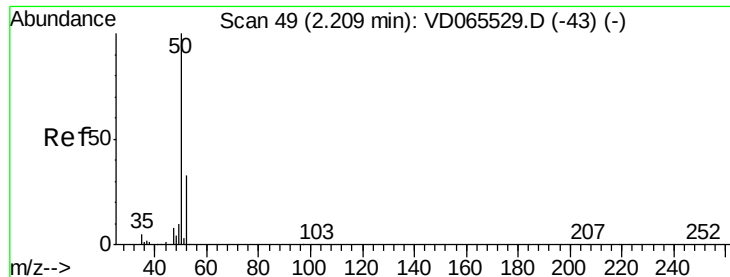
87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 74.508 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

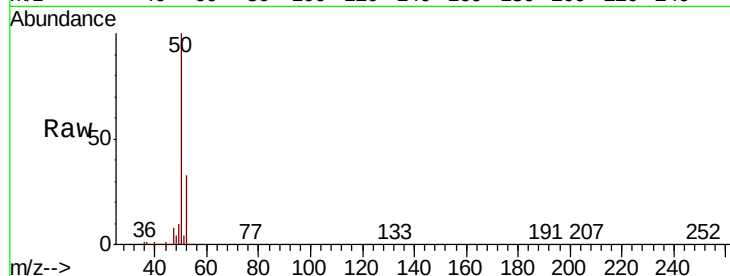
VSTDIC100

Tot Ion: 50 Resp: 414758

Ion Ratio Lower Upper

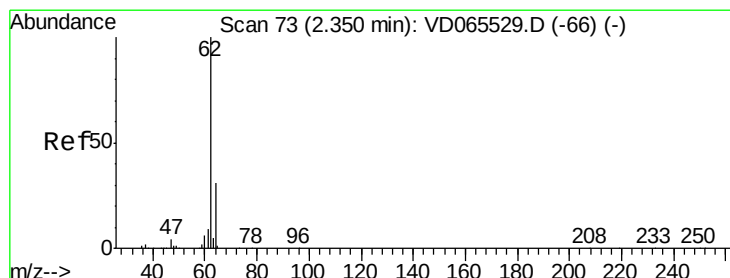
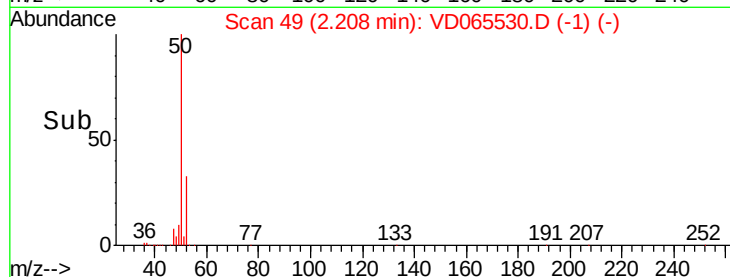
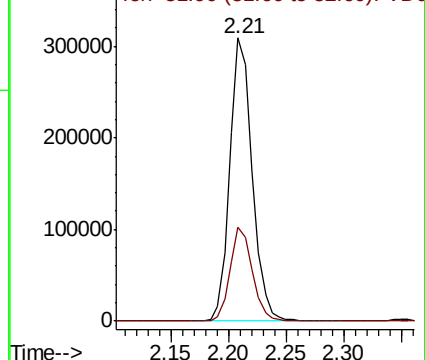
50 100

52 33.4 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 84.174 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065530.D

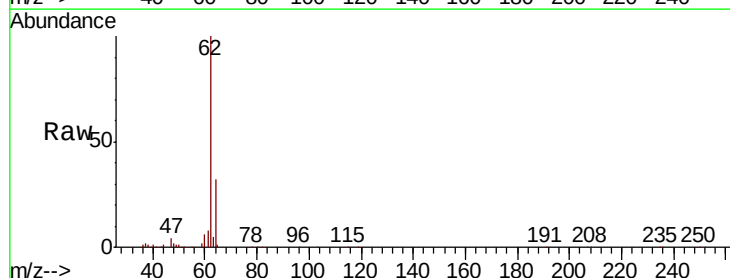
Acq: 26 Mar 2020 17:30

Tgt Ion: 62 Resp: 463752

Ion Ratio Lower Upper

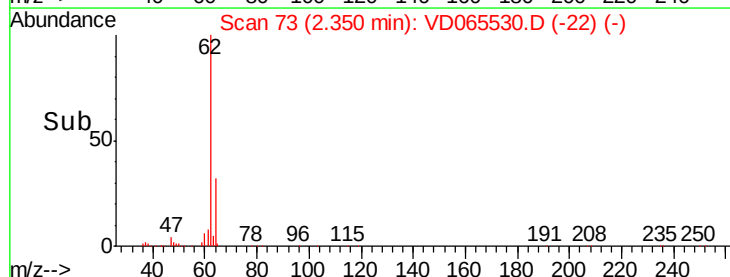
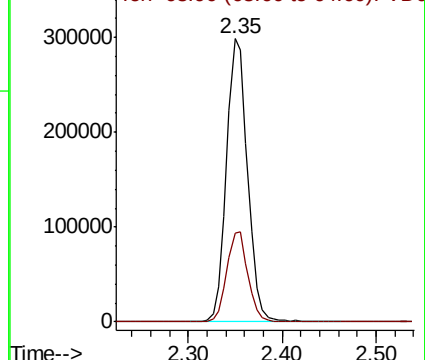
62 100

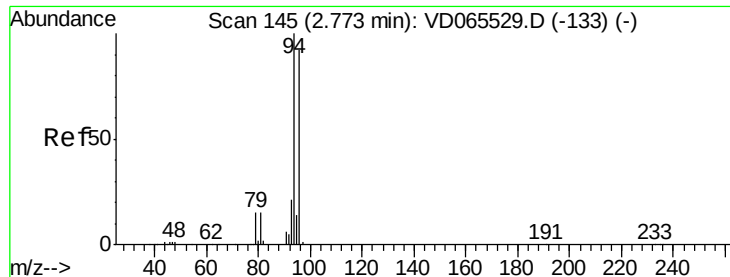
64 31.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 88.528 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

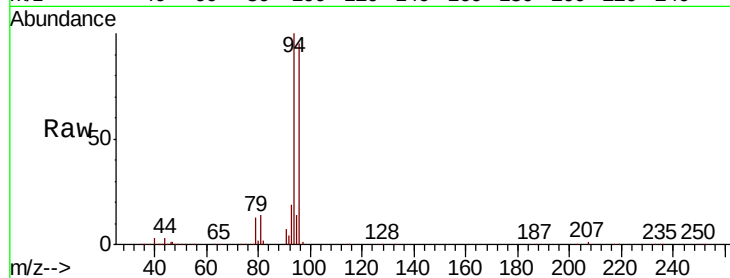
VSTDICC100

Tot Ion: 94 Resp: 318274

Ion Ratio Lower Upper

94 100

96 95.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

150000

100000

50000

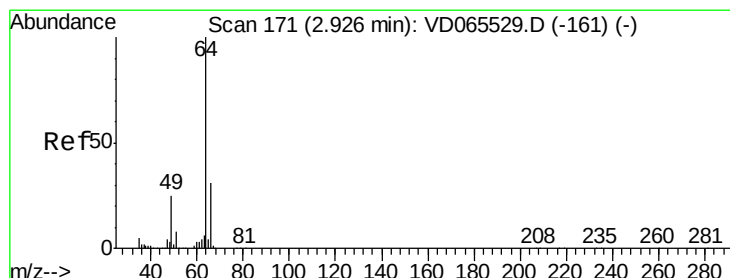
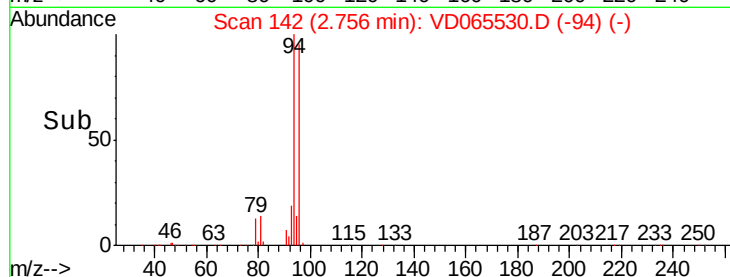
0

Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 88.797 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065530.D

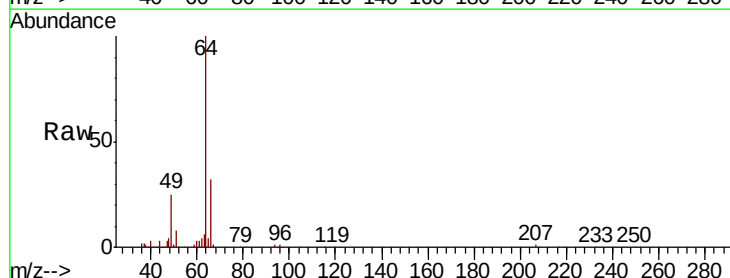
Acq: 26 Mar 2020 17:30

Tgt Ion: 64 Resp: 302351

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

150000

100000

50000

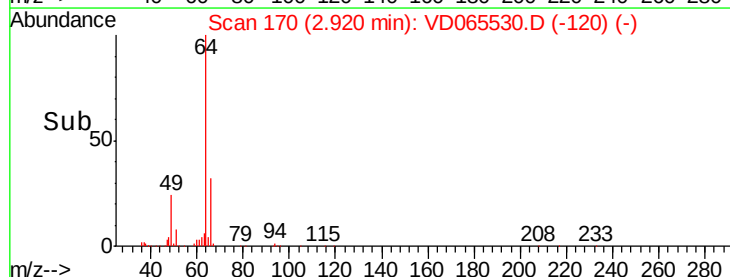
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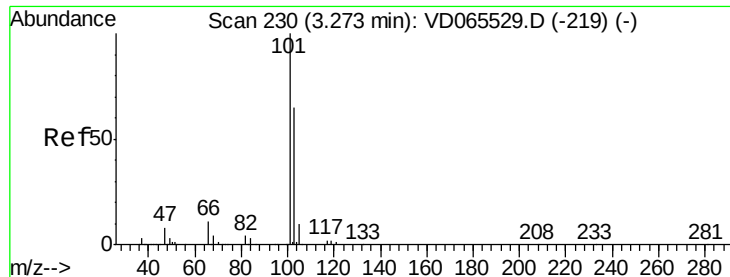
Time-->

2.80

2.90

3.00



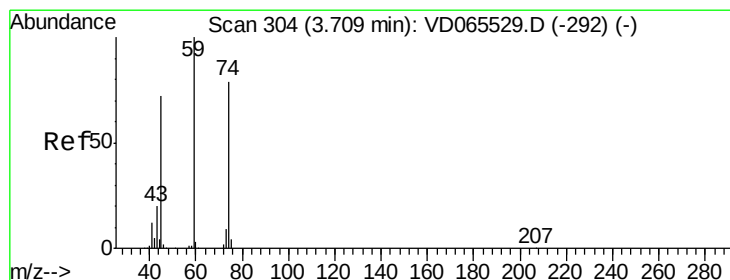
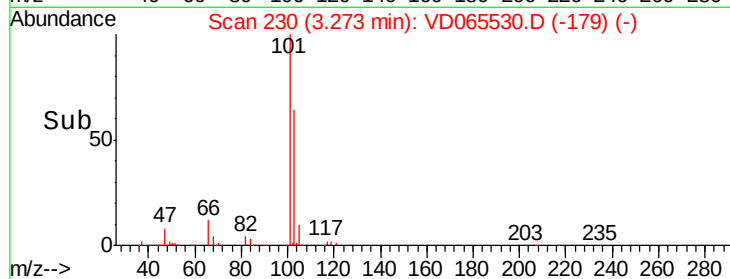
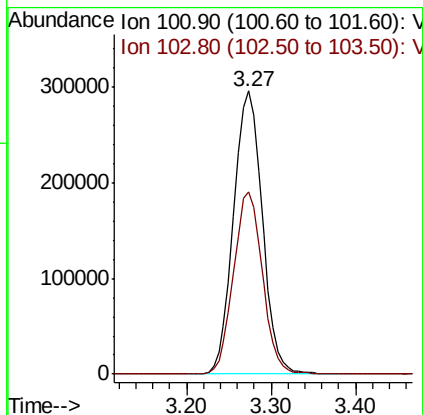
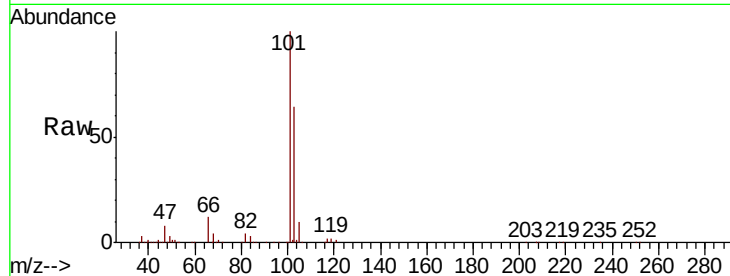


#7

Trichlorofluoromethane
 Concen: 85.405 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

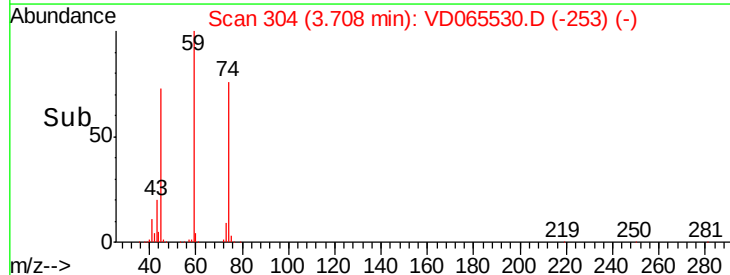
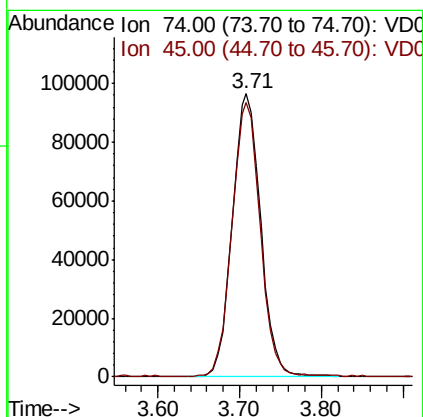
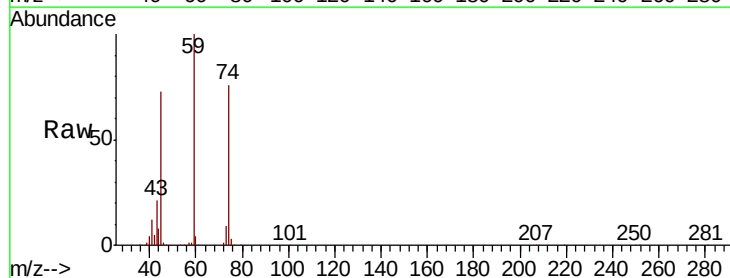
Tot Ion: 101 Resp: 698106
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9

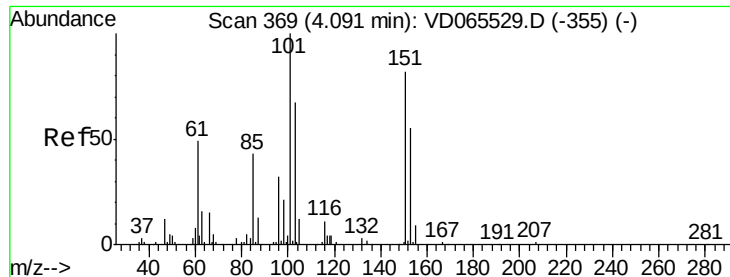


#8

Diethyl Ether
 Concen: 94.559 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 74 Resp: 232776
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 87.236 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

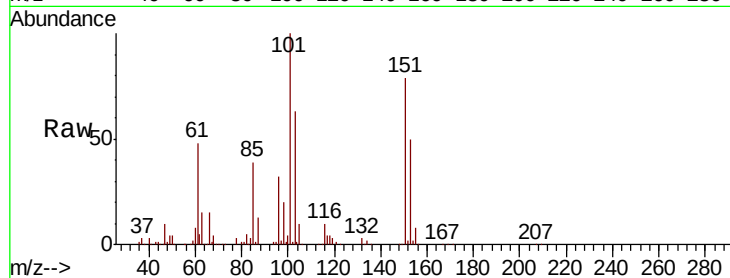
Tot Ion:101 Resp: 462527

Ion Ratio Lower Upper

101 100

85 41.2 32.6 48.8

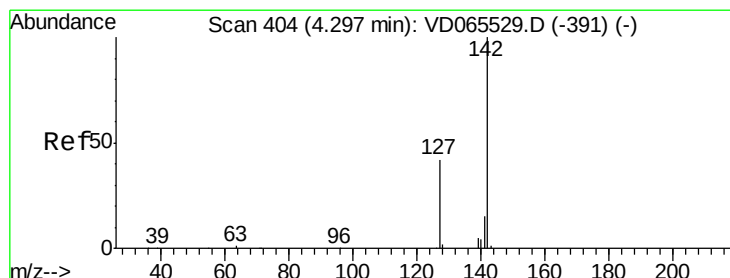
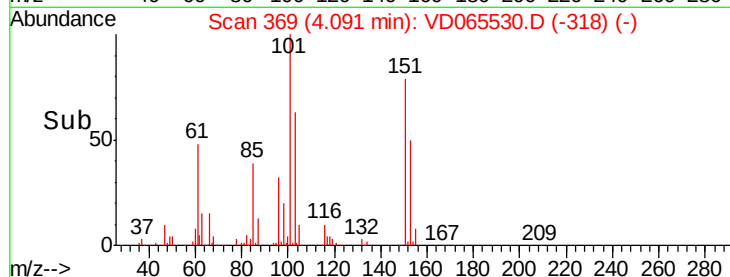
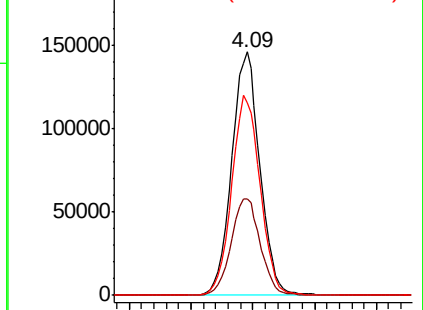
151 82.8 65.5 98.3



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: 114.538 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

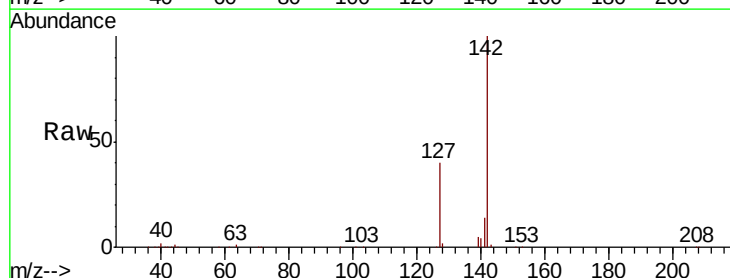
Tgt Ion:142 Resp: 638238

Ion Ratio Lower Upper

142 100

127 40.9 33.9 50.9

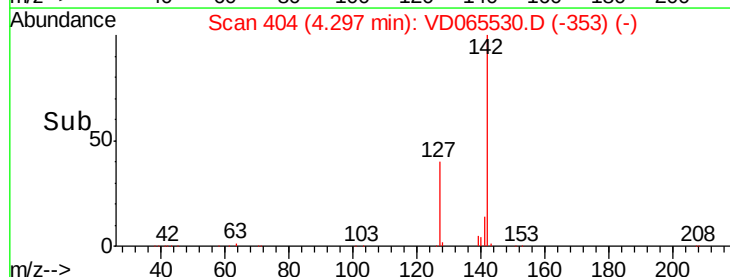
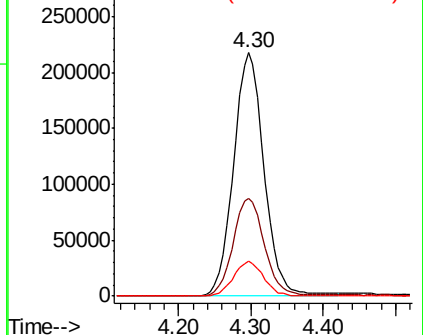
141 14.1 11.6 17.4

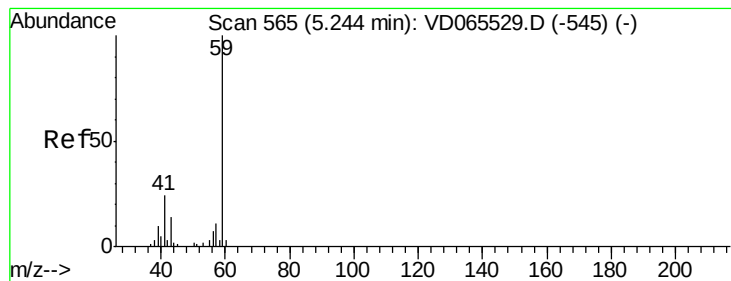


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



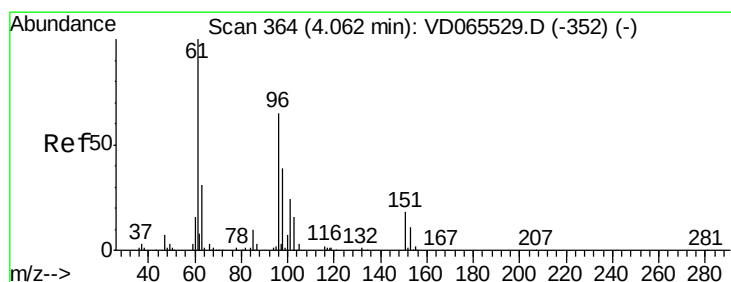
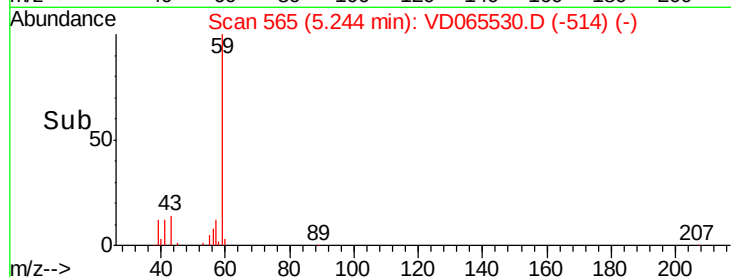
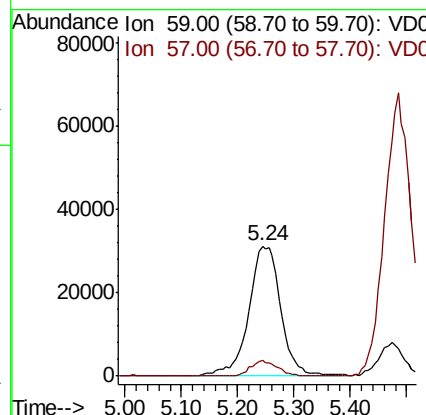
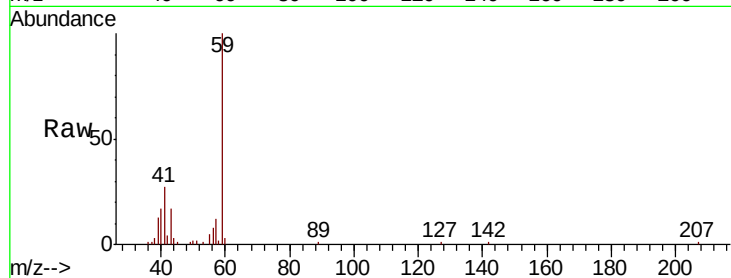


#11

Tert butyl alcohol
Concen: 453.299 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

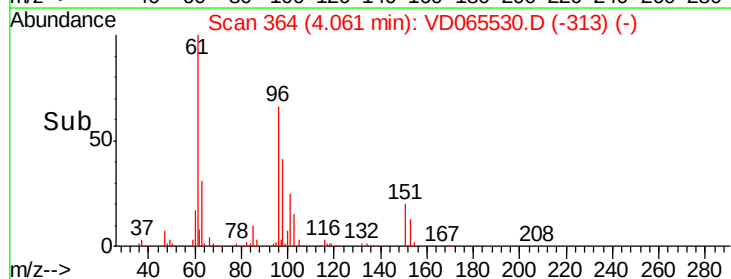
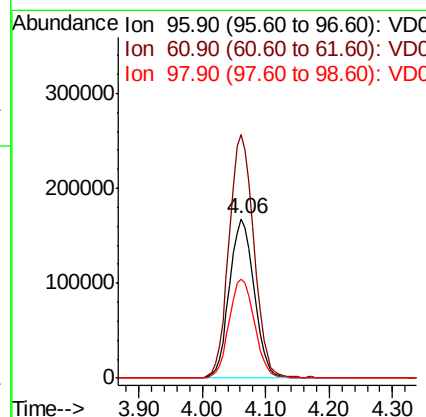
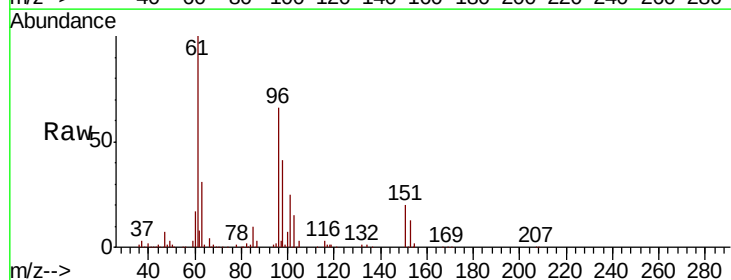
Tot Ion: 59 Resp: 122693
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

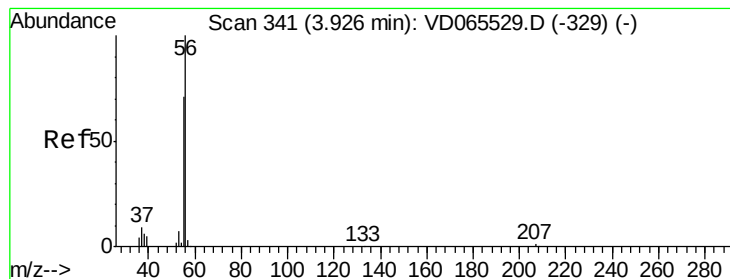


#12

1,1-Dichloroethene
Concen: 89.829 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 96 Resp: 454688
Ion Ratio Lower Upper
96 100
61 152.5 124.0 186.0
98 62.3 48.2 72.4





#13

Acrolein

Concen: 472.352 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

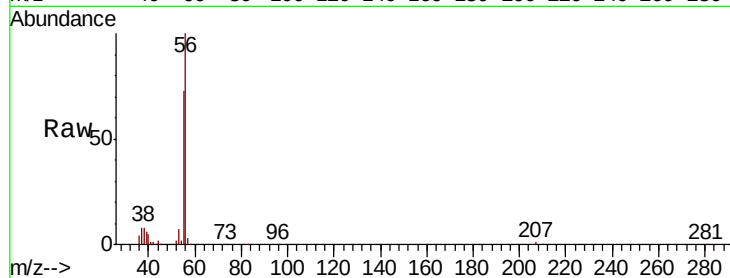
VSTDIC100

Tot Ion: 56 Resp: 224112

Ion Ratio Lower Upper

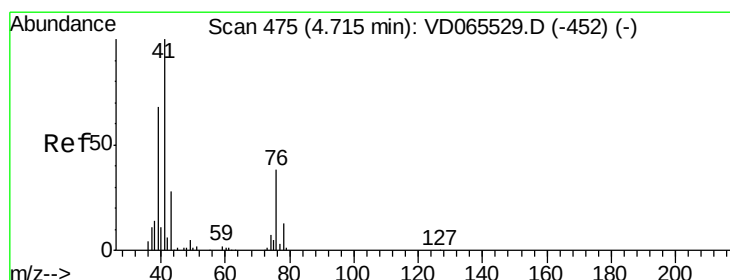
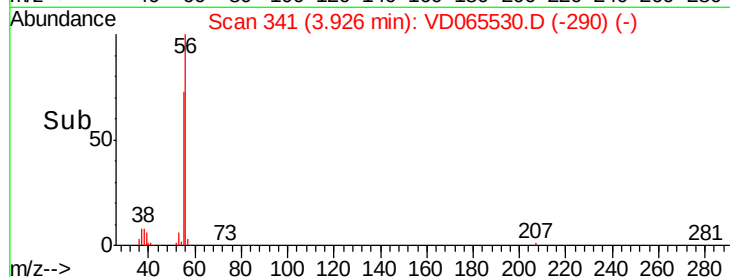
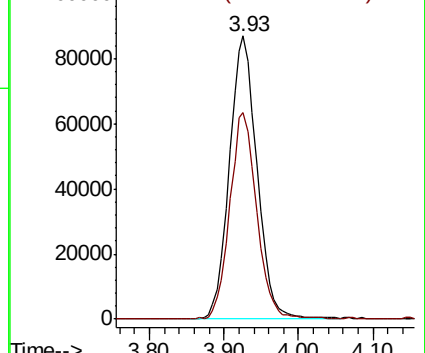
56 100

55 71.5 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 94.145 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

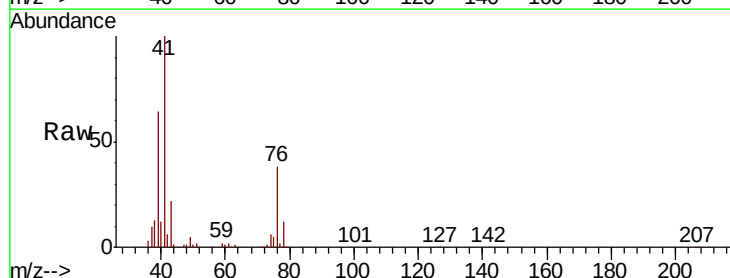
Tgt Ion: 41 Resp: 729758

Ion Ratio Lower Upper

41 100

39 64.8 52.9 79.3

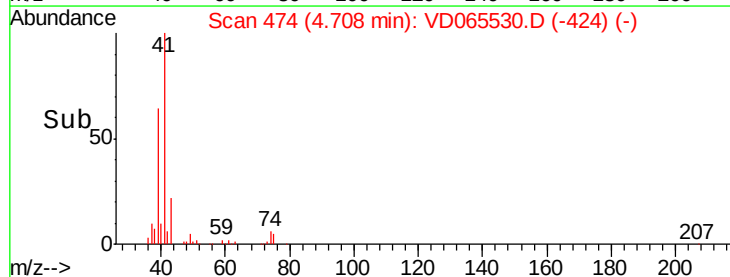
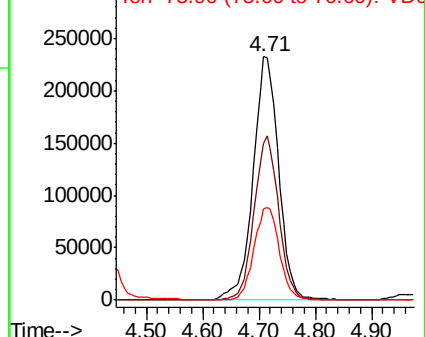
76 37.0 28.9 43.3

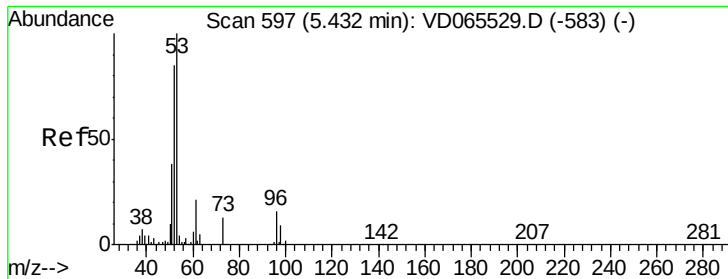


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 480.862 ug/l

RT: 5.43 min Scan# 597

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

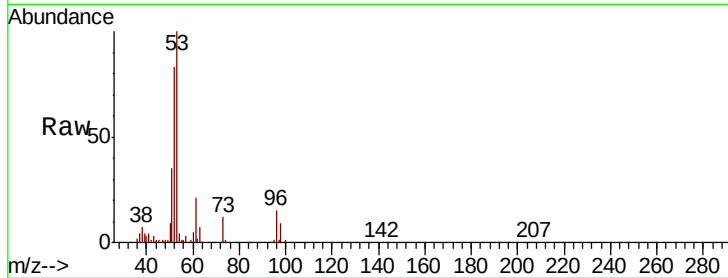
Tot Ion: 53 Resp: 511943

Ion Ratio Lower Upper

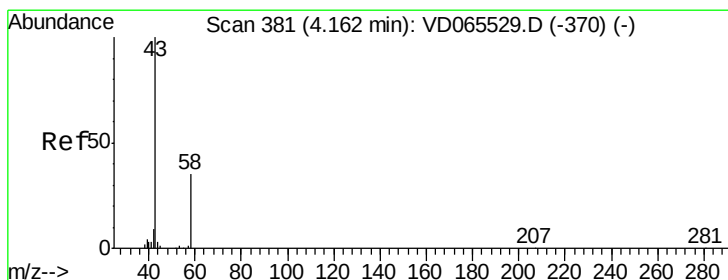
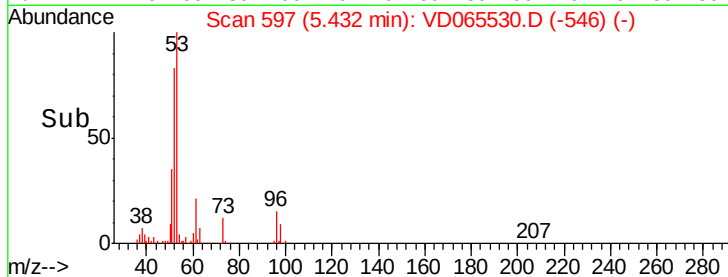
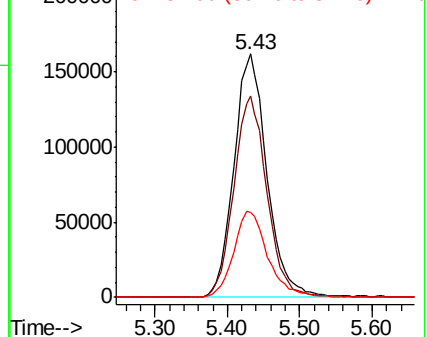
53 100

52 82.6 65.8 98.6

51 36.6 29.7 44.5



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: 424.629 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD065530.D

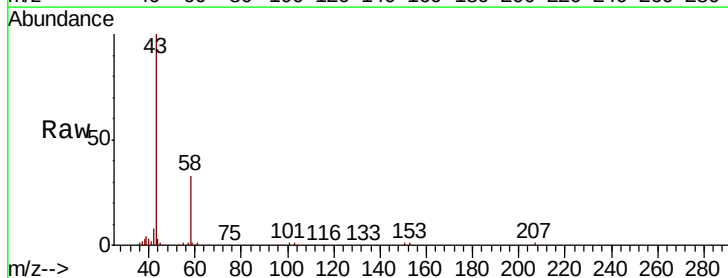
Acq: 26 Mar 2020 17:30

Tgt Ion: 43 Resp: 402592

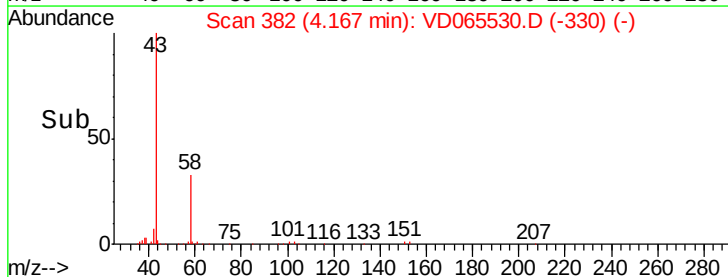
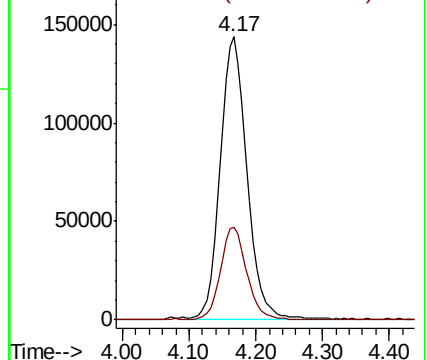
Ion Ratio Lower Upper

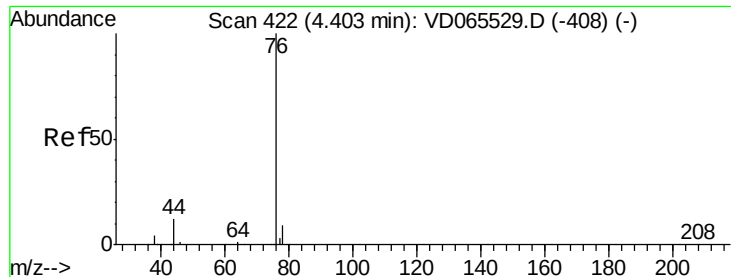
43 100

58 32.9 27.9 41.9



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





#17

Carbon Disulfide

Concen: 87.369 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

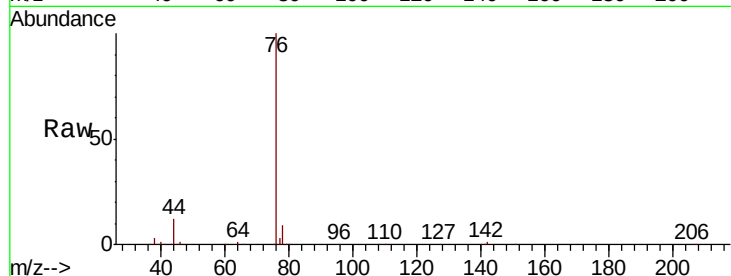
VSTDIC100

Tot Ion: 76 Resp: 1467193

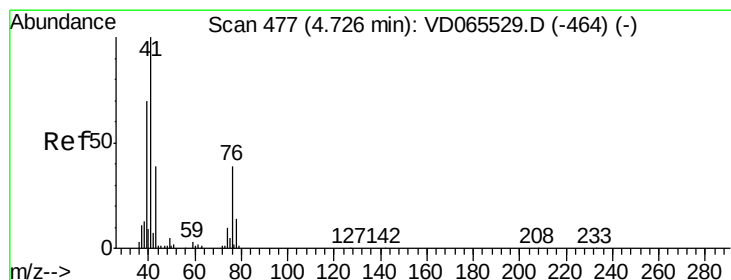
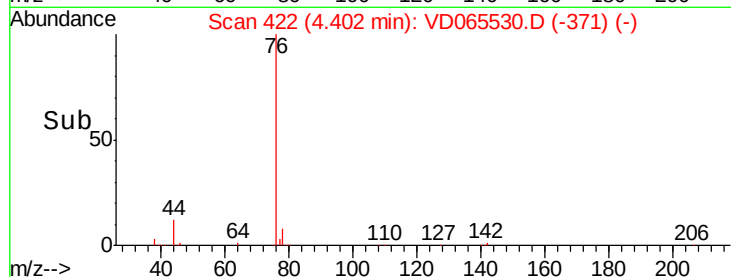
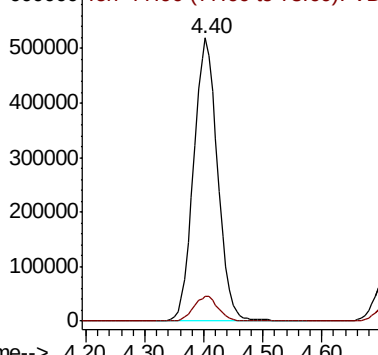
Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 92.629 ug/l

RT: 4.73 min Scan# 477

Delta R.T. -0.00 min

Lab File: VD065530.D

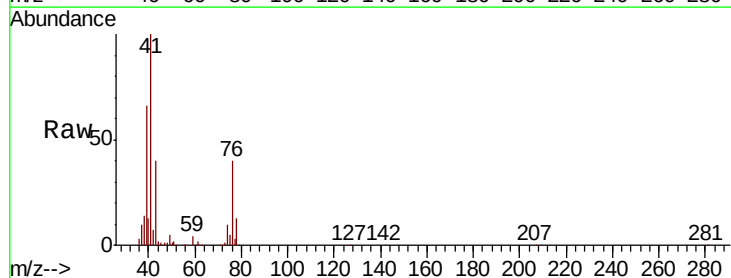
Acq: 26 Mar 2020 17:30

Tgt Ion: 43 Resp: 223469

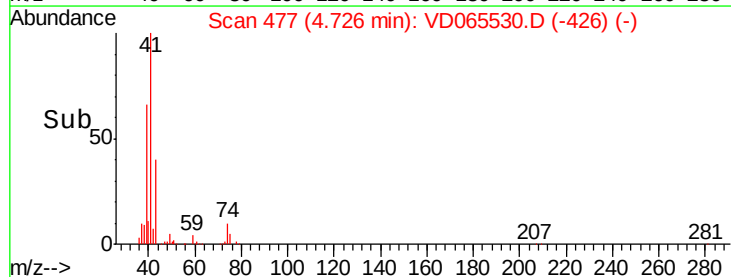
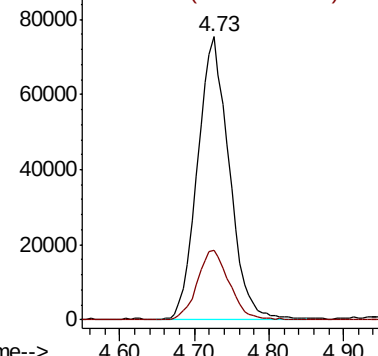
Ion Ratio Lower Upper

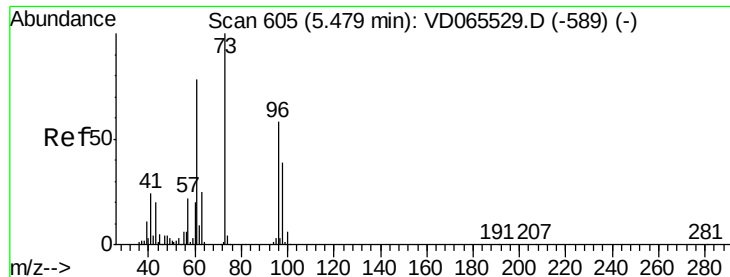
43 100

74 24.7 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC



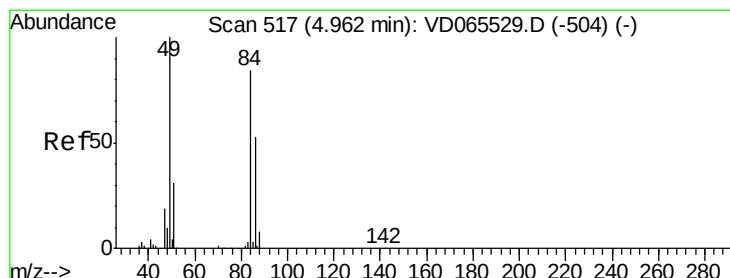
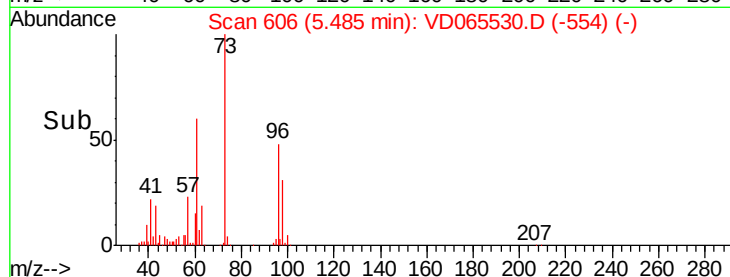
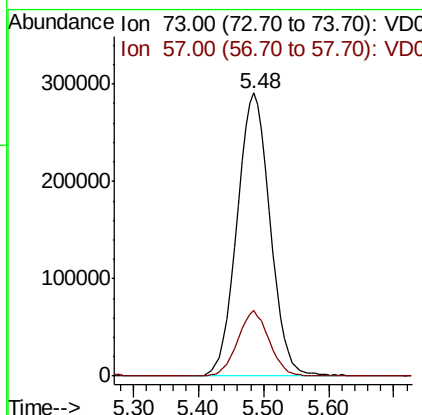
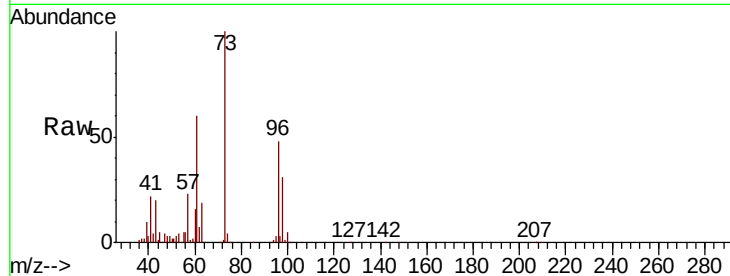


#19

Methyl tert-butyl Ether
 Concen: 104.333 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

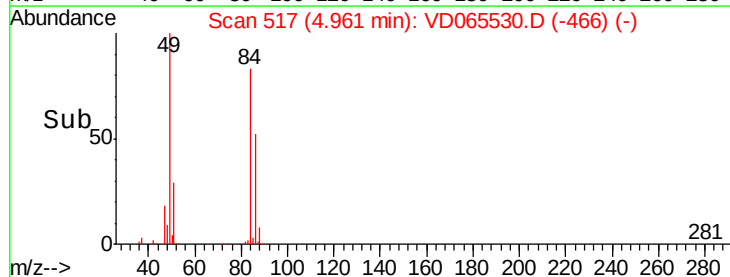
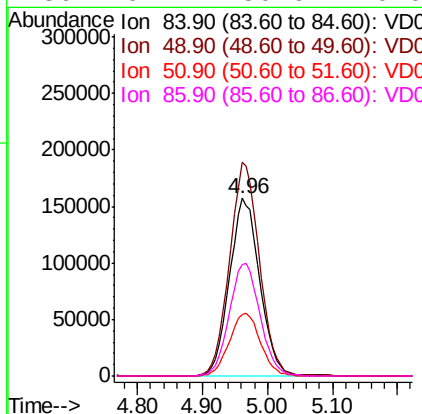
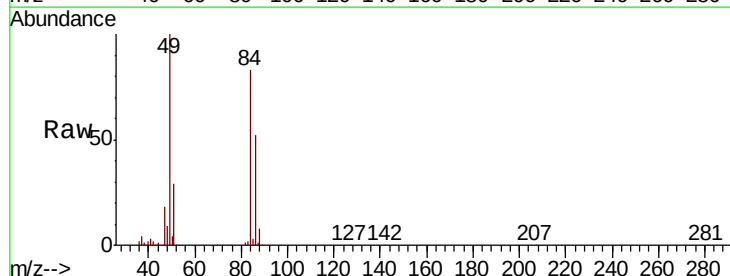
Tot Ion: 73 Resp: 1023542
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.7 26.5

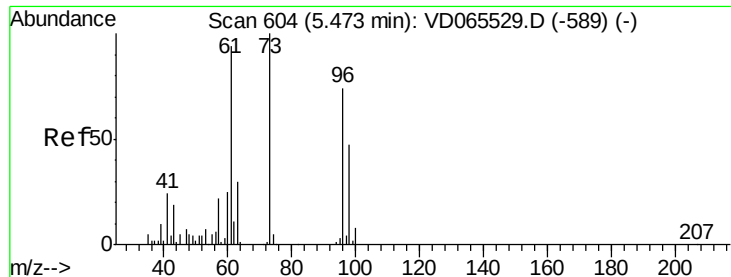


#20

Methylene Chloride
 Concen: 85.847 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 84 Resp: 507354
 Ion Ratio Lower Upper
 84 100
 49 120.1 95.6 143.4
 51 34.4 29.4 44.2
 86 62.7 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 94.042 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

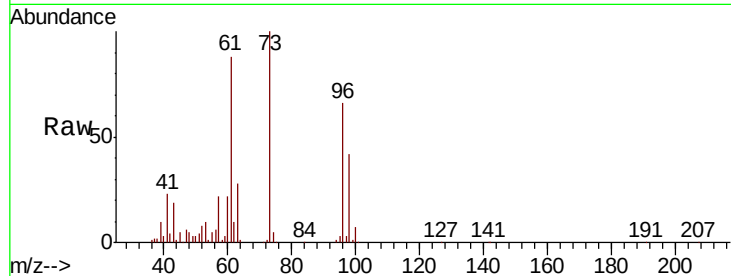
Tot Ion: 96 Resp: 530611

Ion Ratio Lower Upper

96 100

61 133.2 101.8 152.6

98 64.1 51.4 77.2

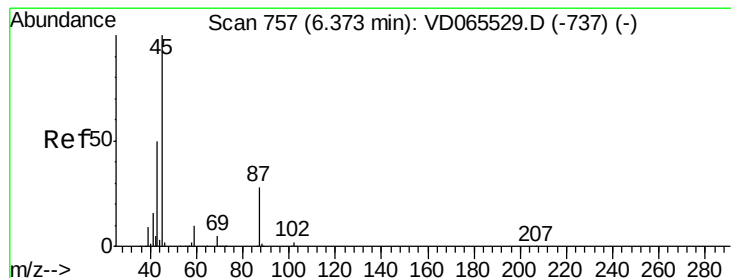
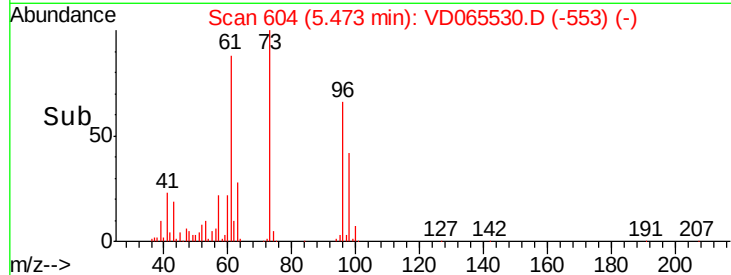
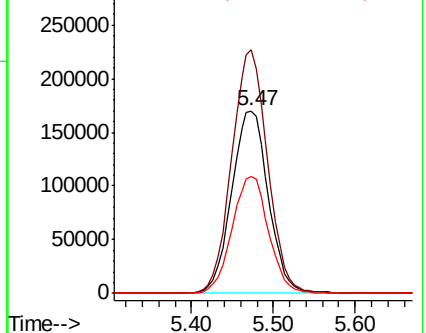


Abundance

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: 100.200 ug/l

RT: 6.37 min Scan# 757

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Tgt Ion: 45 Resp: 1455921

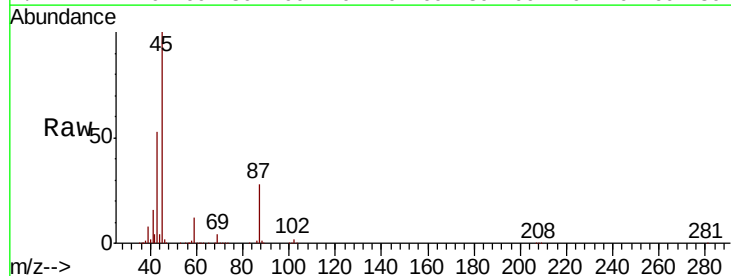
Ion Ratio Lower Upper

45 100

43 52.1 40.5 60.7

87 27.6 22.5 33.7

59 11.9 8.6 12.8



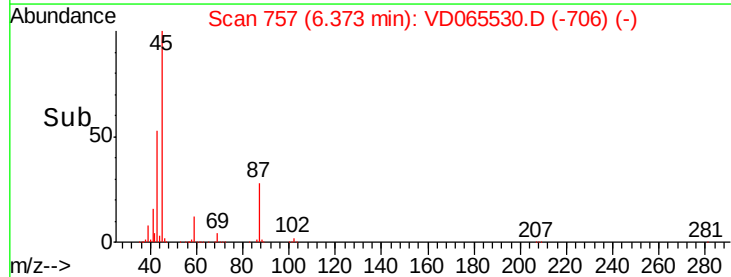
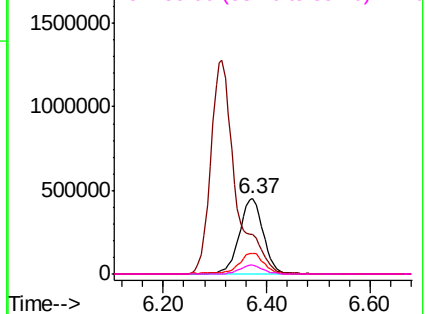
Abundance

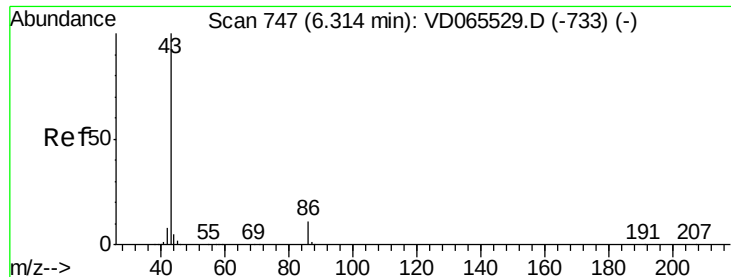
Ion 45.00 (44.70 to 45.70): VDC

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: 527.746 ug/l

RT: 6.31 min Scan# 747

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

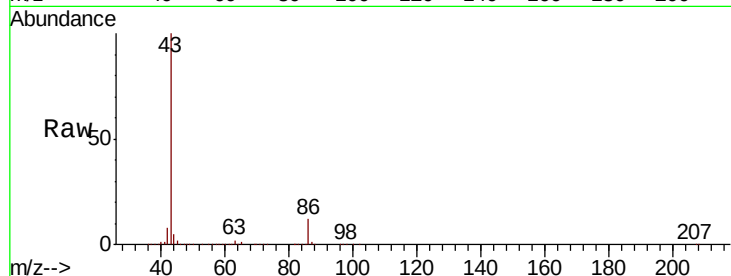
VSTDIC100

Tot Ion: 43 Resp: 4250930

Ion Ratio Lower Upper

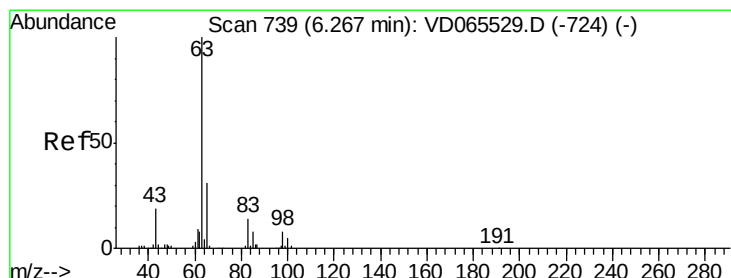
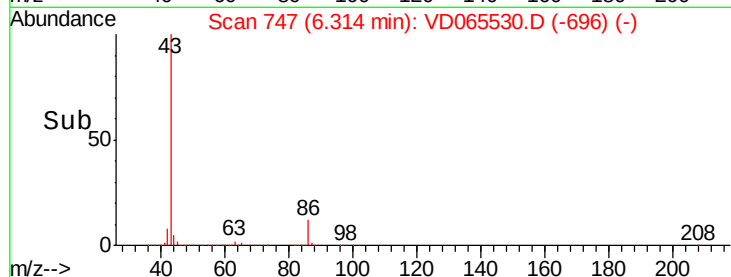
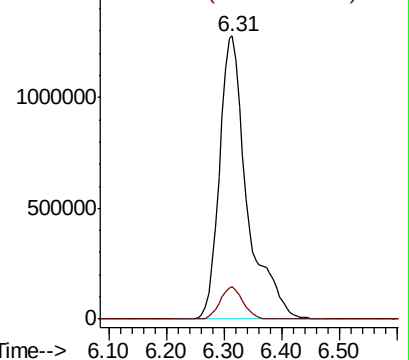
43 100

86 11.6 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 93.001 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

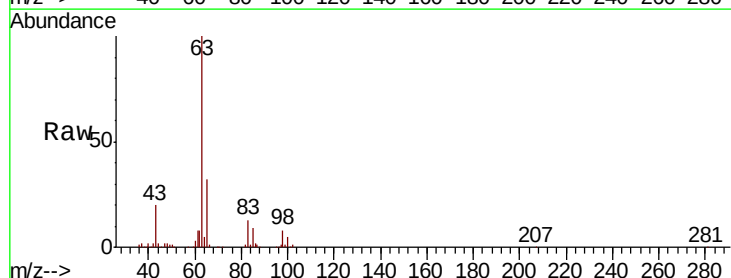
Tgt Ion: 63 Resp: 863493

Ion Ratio Lower Upper

63 100

98 8.0 4.2 12.6

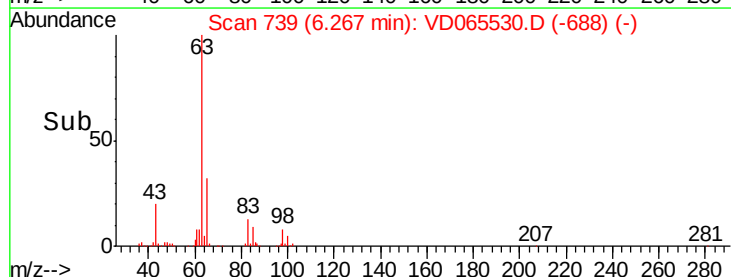
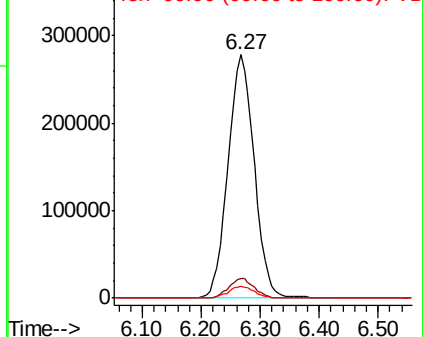
100 5.1 2.5 7.4

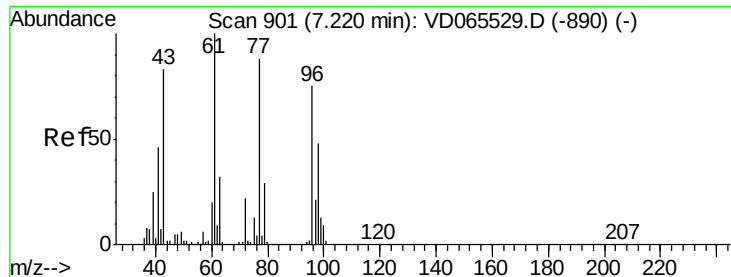


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 475.507 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

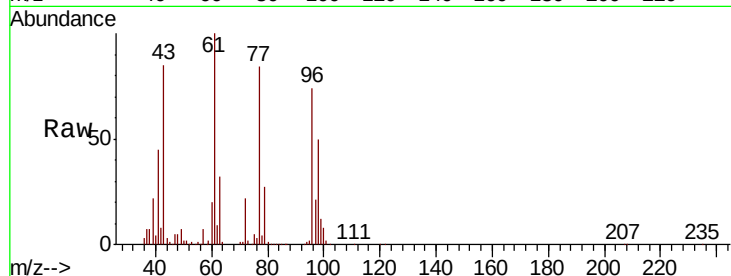
VSTDIC100

Tot Ion: 43 Resp: 615133

Ion Ratio Lower Upper

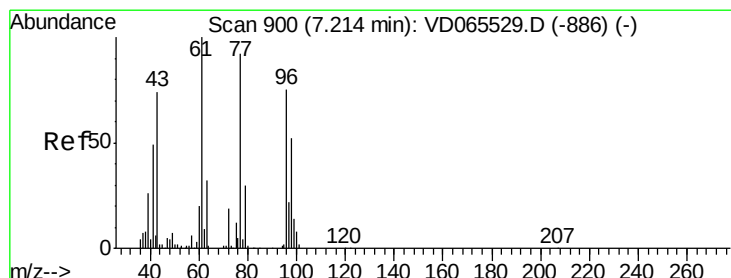
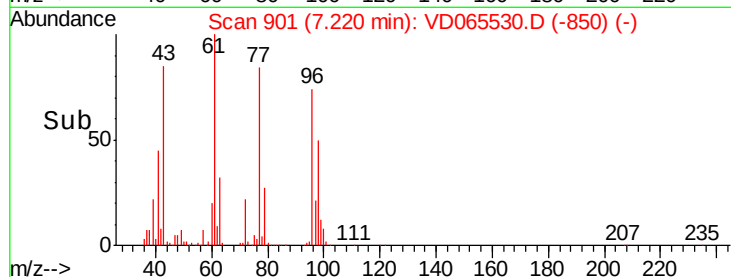
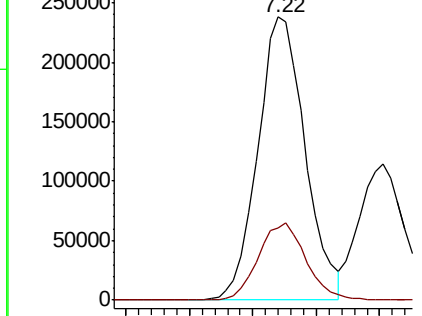
43 100

72 25.6 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 92.054 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065530.D

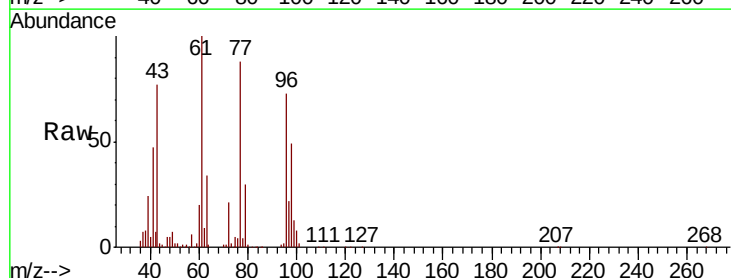
Acq: 26 Mar 2020 17:30

Tgt Ion: 77 Resp: 751142

Ion Ratio Lower Upper

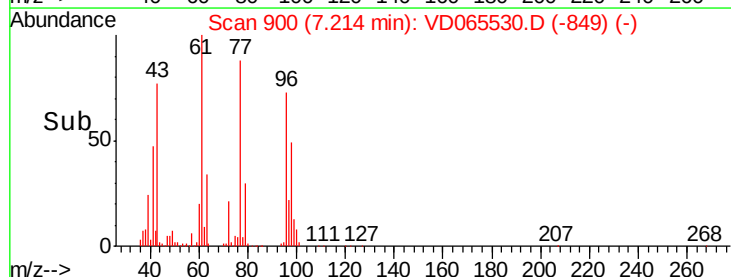
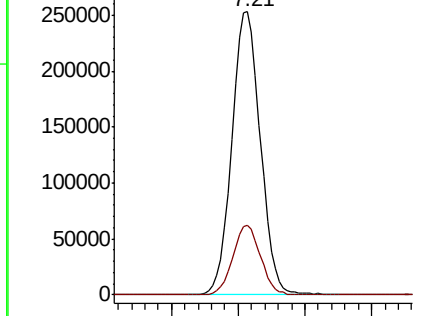
77 100

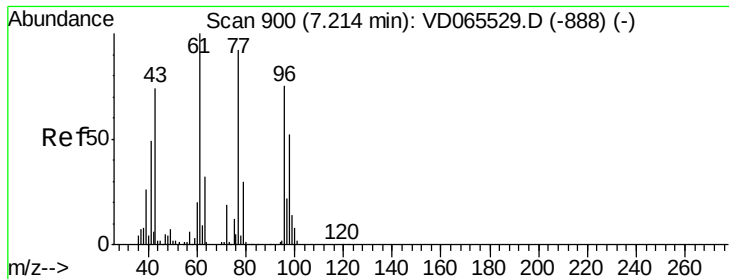
97 24.0 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



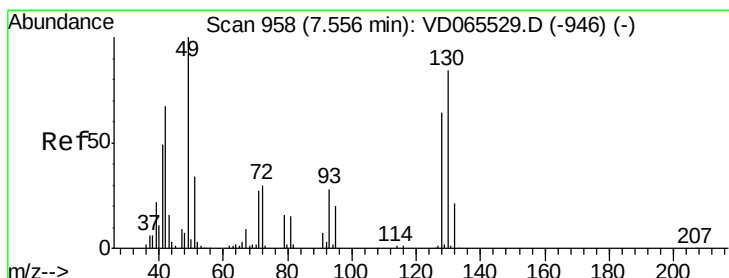
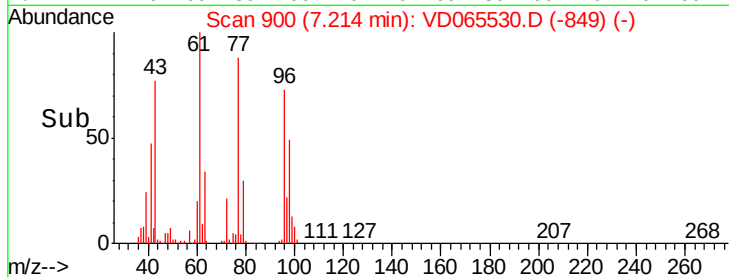
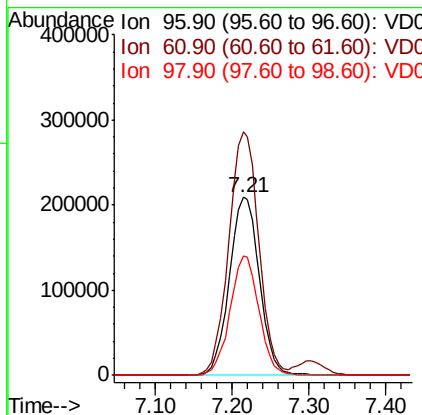
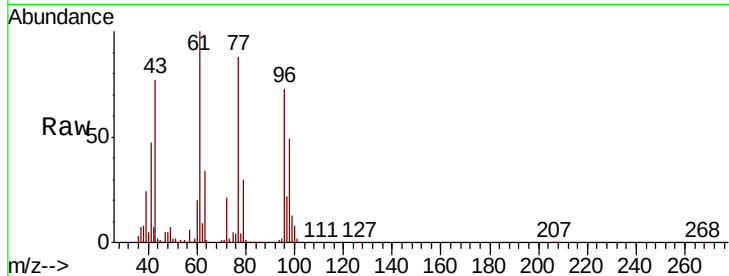


#27

cis-1,2-Dichloroethene
 Concen: 98.740 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

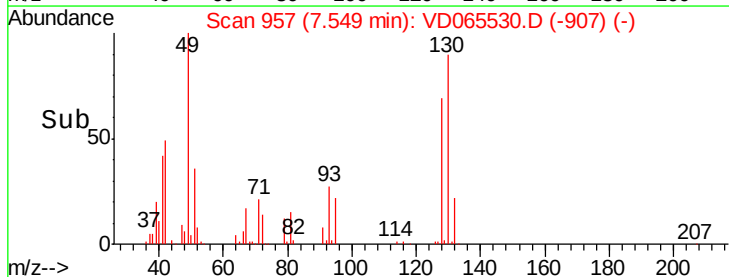
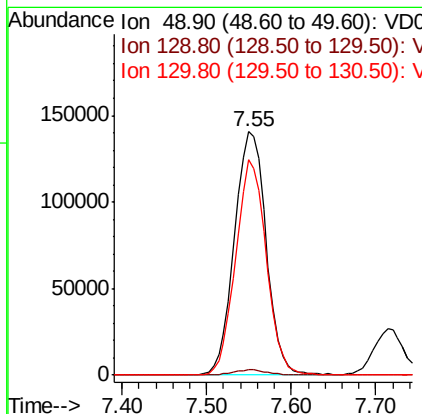
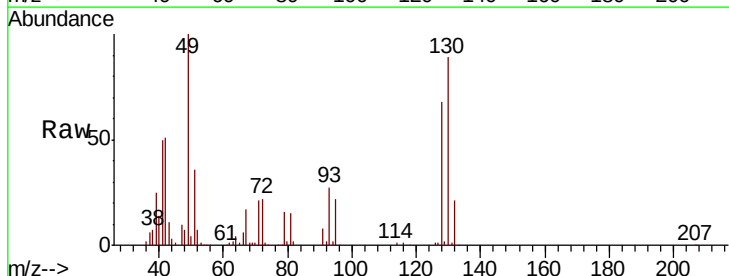
Tot Ion: 96 Resp: 570501
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 278.0
 98 64.9 0.0 129.6

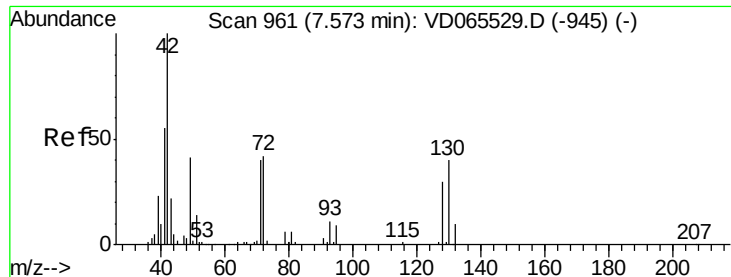


#28

Bromochloromethane
 Concen: 97.493 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 49 Resp: 366023
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 85.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 497.396 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

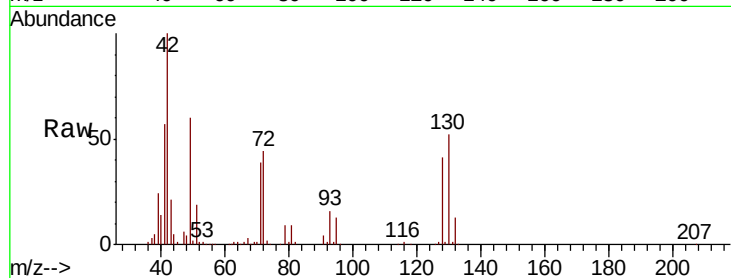
Tot Ion: 42 Resp: 410824

Ion Ratio Lower Upper

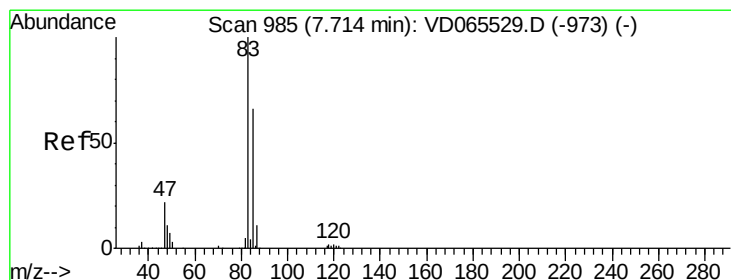
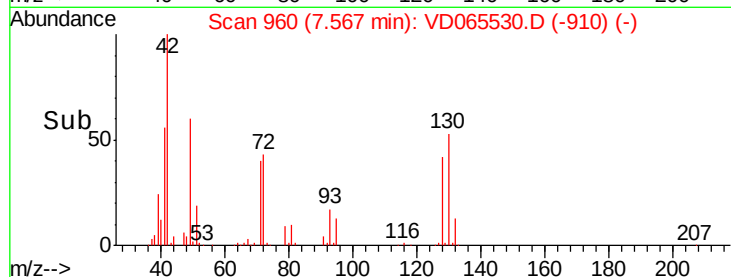
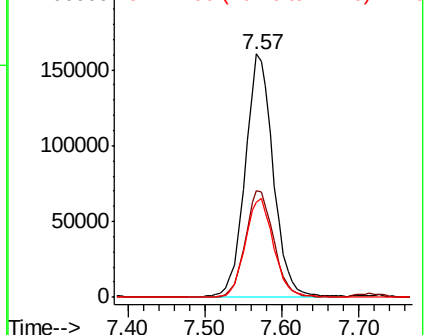
42 100

72 44.2 35.0 52.6

71 40.9 33.0 49.6



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: 95.585 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD065530.D

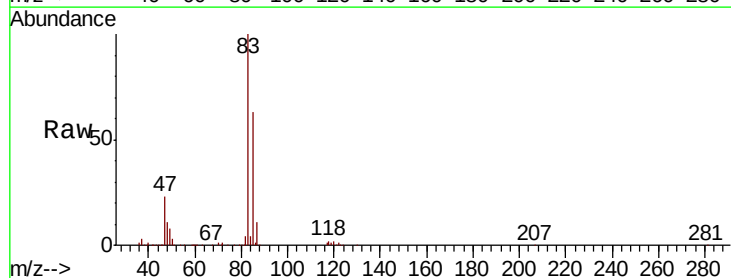
Acq: 26 Mar 2020 17:30

Tgt Ion: 83 Resp: 890790

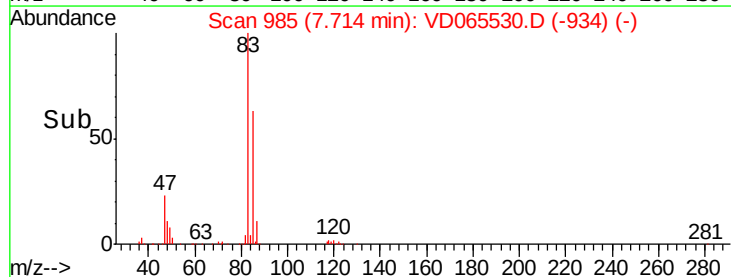
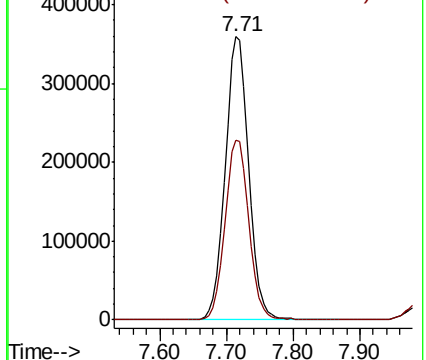
Ion Ratio Lower Upper

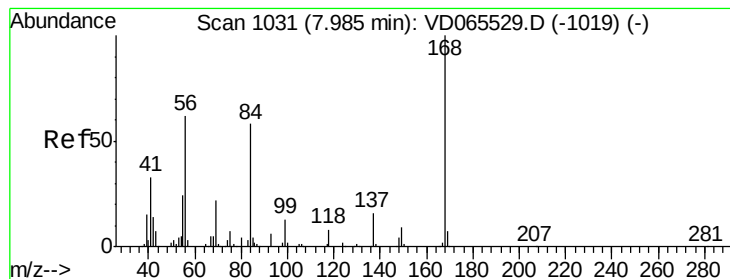
83 100

85 63.5 52.9 79.3



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





#31

Cyclohexane

Concen: 87.728 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

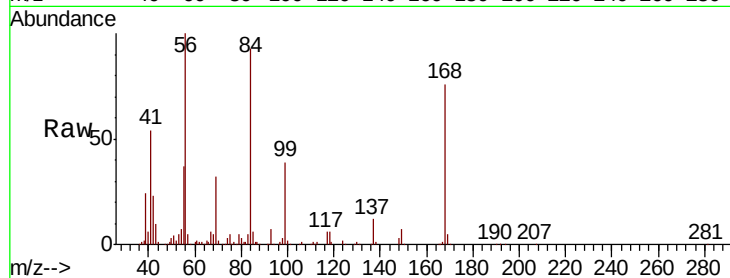
Tot Ion: 56 Resp: 811205

Ion Ratio Lower Upper

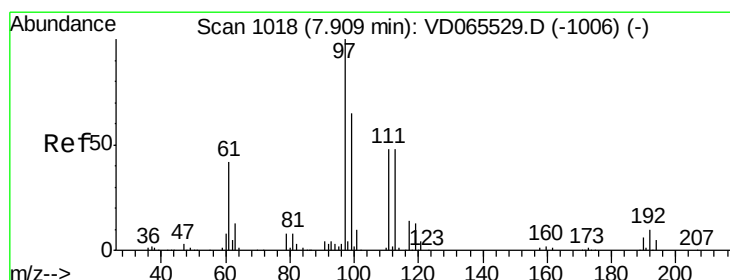
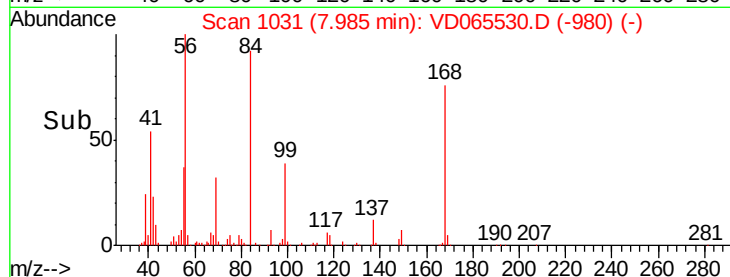
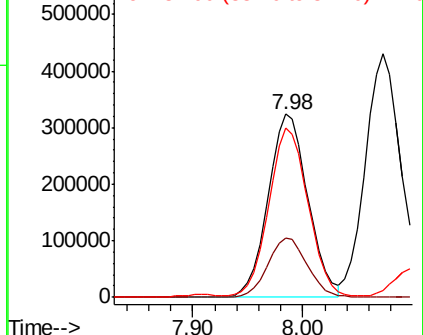
56 100

69 32.2 28.2 42.4

84 91.3 73.4 110.0



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: 92.356 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

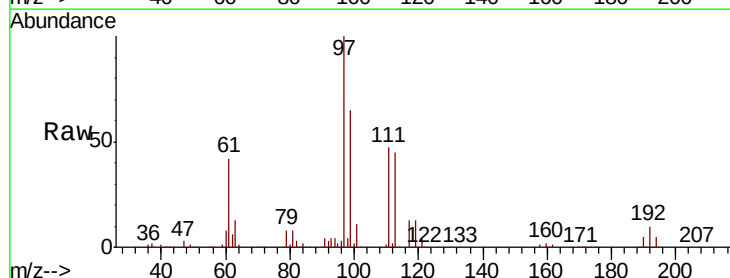
Tgt Ion: 97 Resp: 794129

Ion Ratio Lower Upper

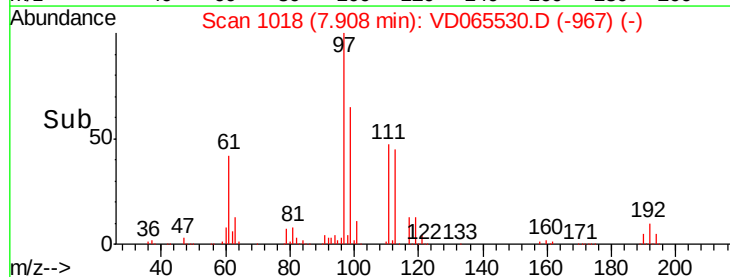
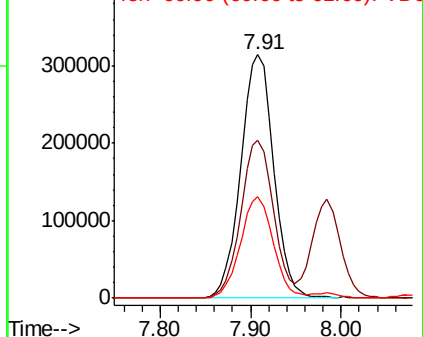
97 100

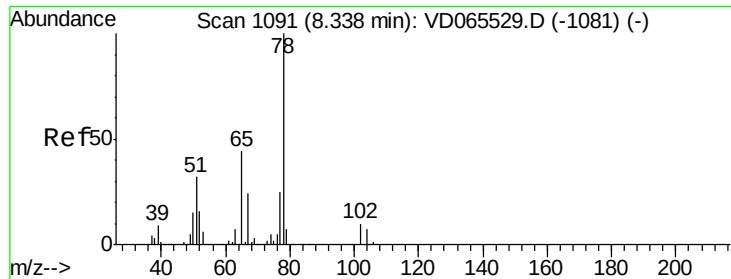
99 64.7 51.2 76.8

61 41.6 33.4 50.2



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

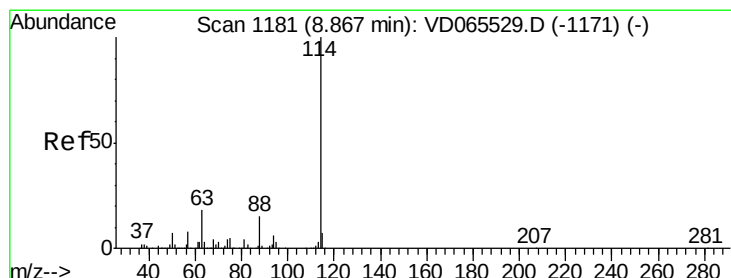
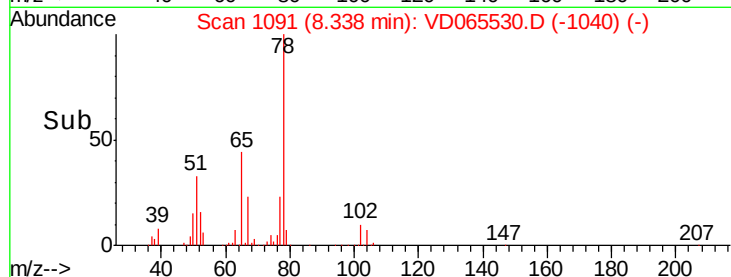
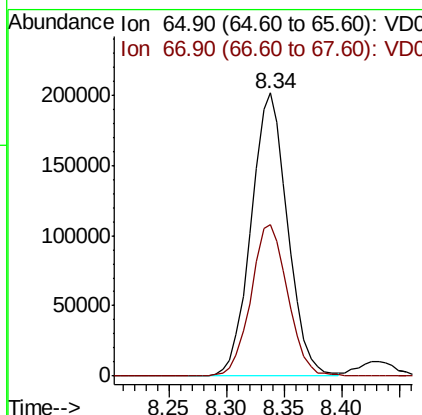
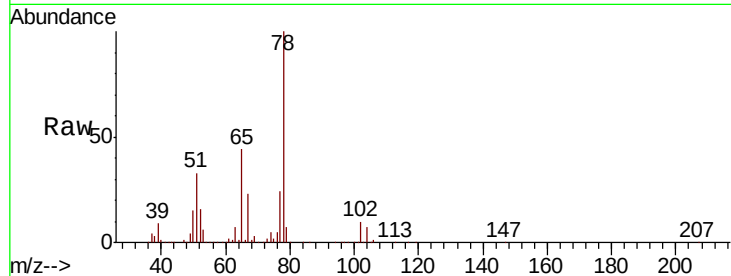




#33
 1,2-Dichloroethane-d4
 Concen: 93.804 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

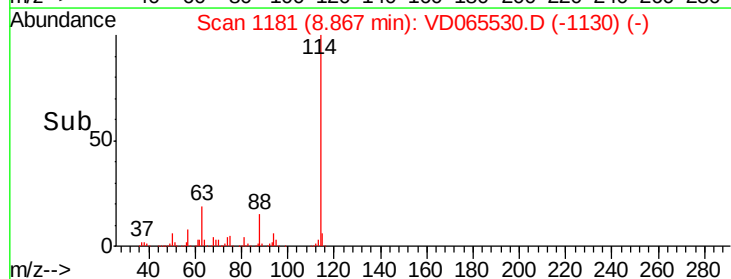
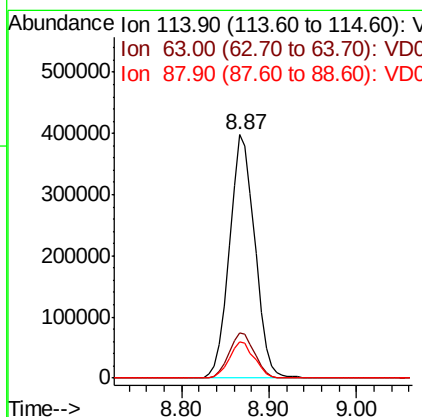
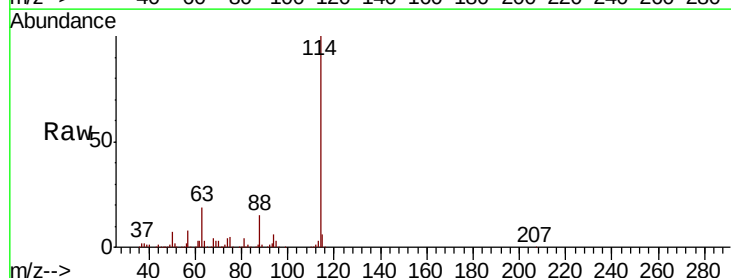
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

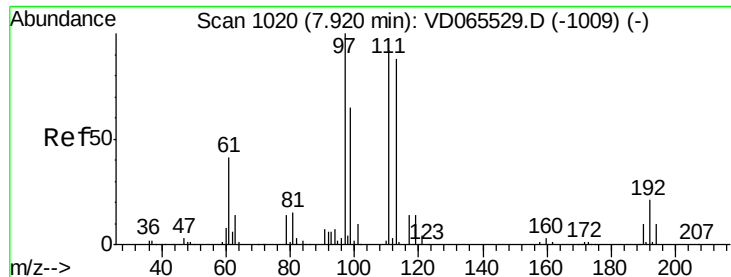
Tot Ion: 65 Resp: 442478
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 114 Resp: 783701
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 15.1 0.0 30.4

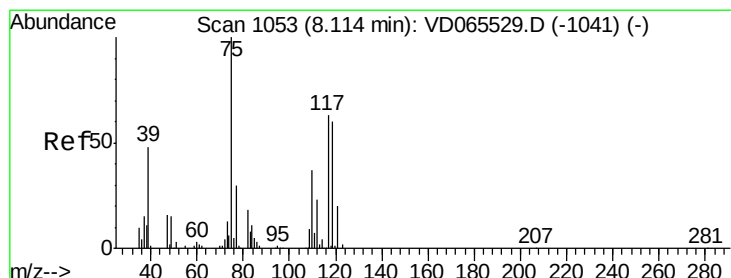
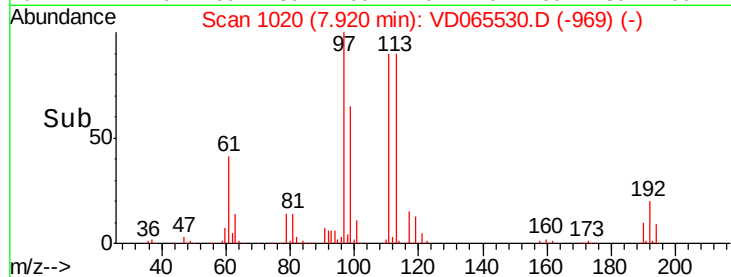
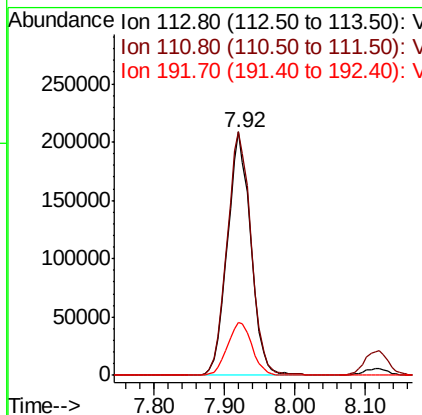
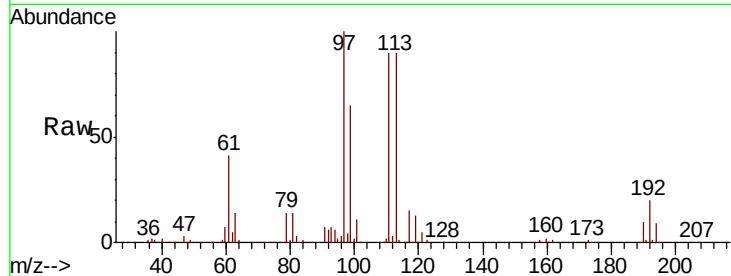




#35
 Dibromofluoromethane
 Concen: 99.377 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

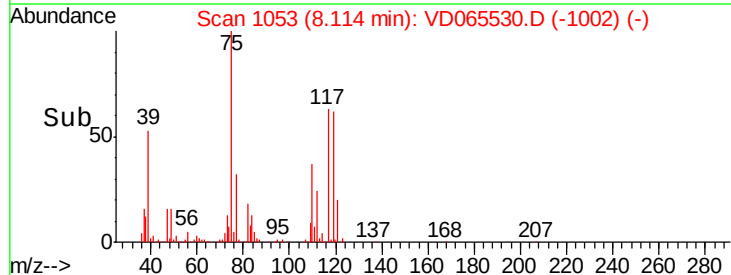
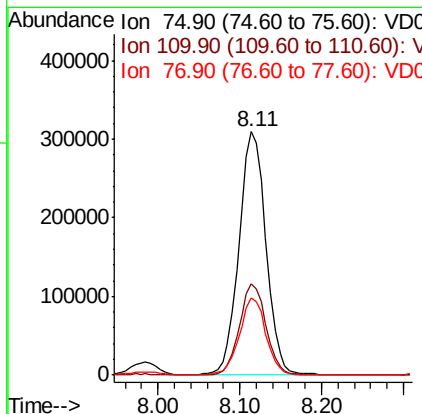
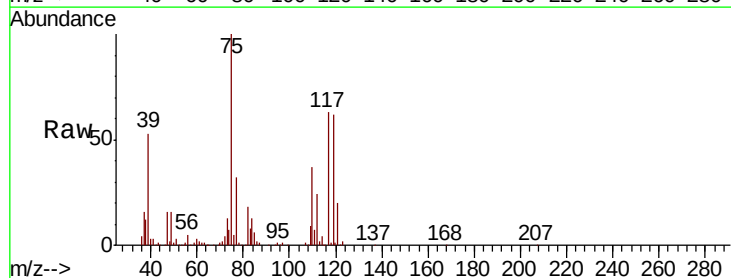
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

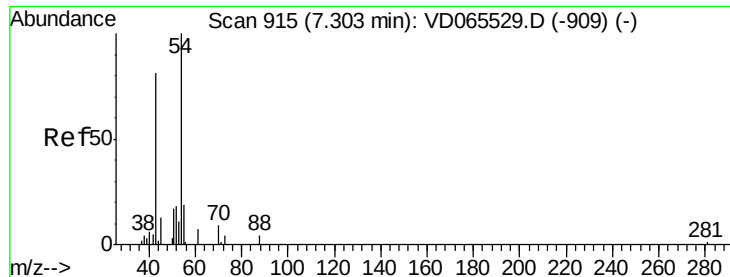
Tot Ion:113 Resp: 478970
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.3 124.9
 192 23.0 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 96.127 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 75 Resp: 711484
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.8 56.4
 77 31.5 25.1 37.7

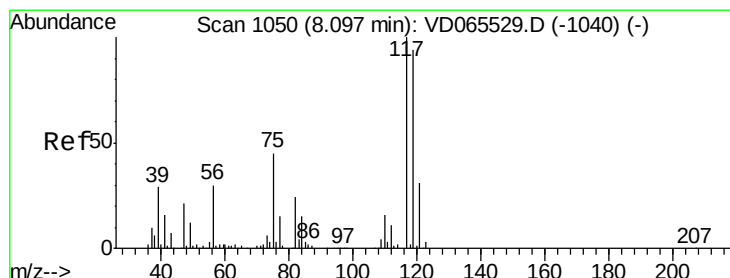
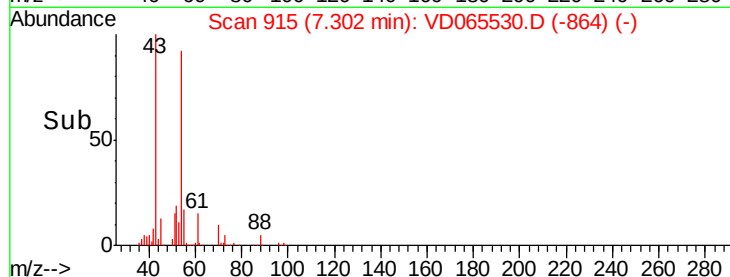
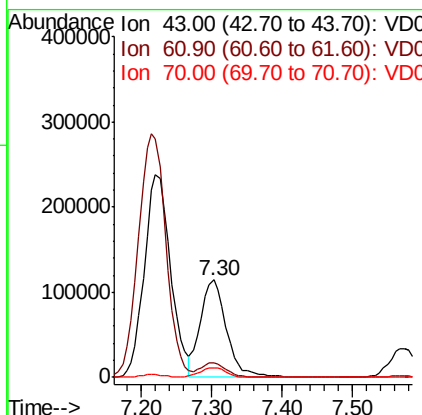
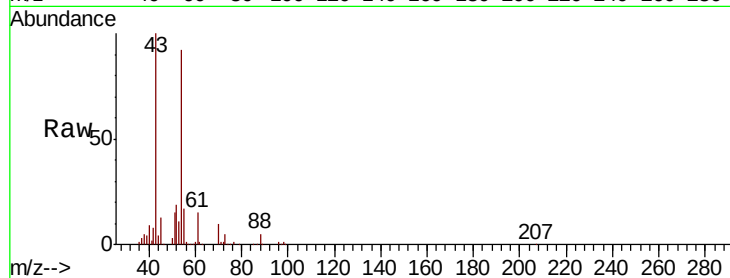




#37
Ethyl Acetate
Concen: 101.795 ug/l
RT: 7.30 min Scan# 915
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

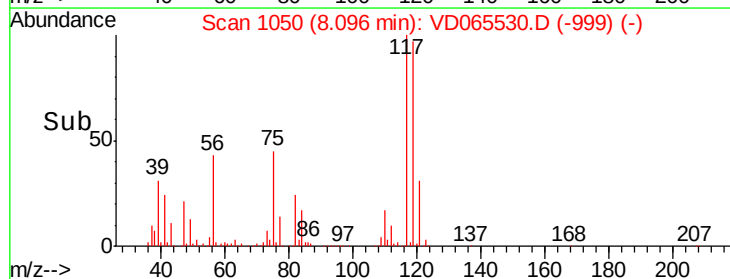
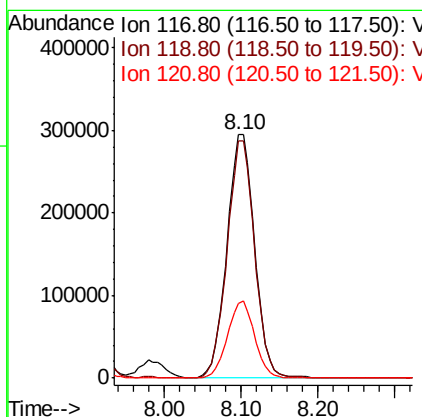
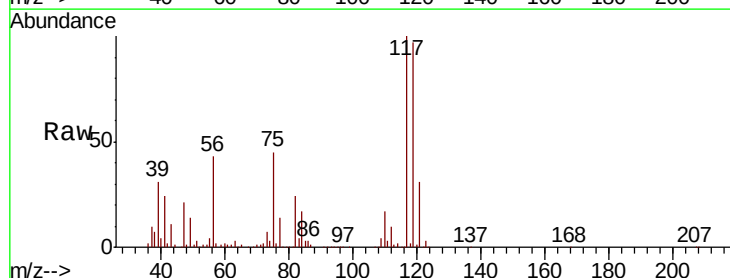
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

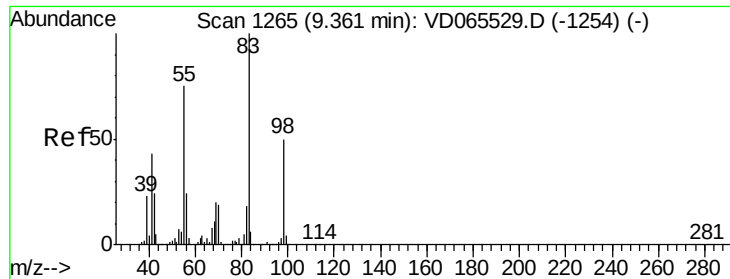
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.2	18.4
70	10.2	8.4	12.6



#38
Carbon Tetrachloride
Concen: 95.583 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	75.2	112.8
121	30.9	24.5	36.7

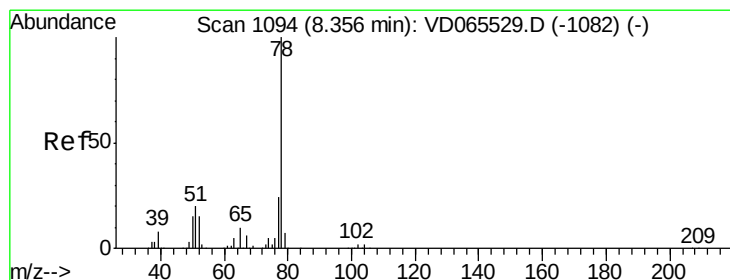
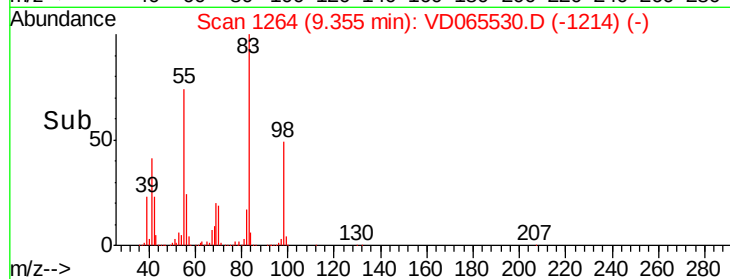
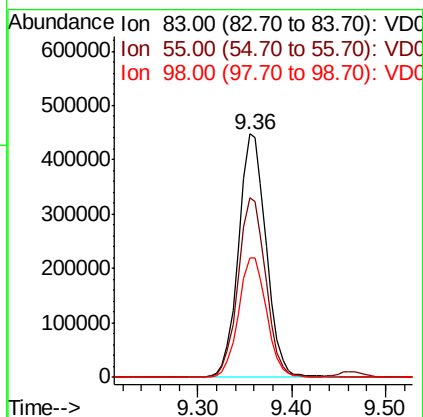
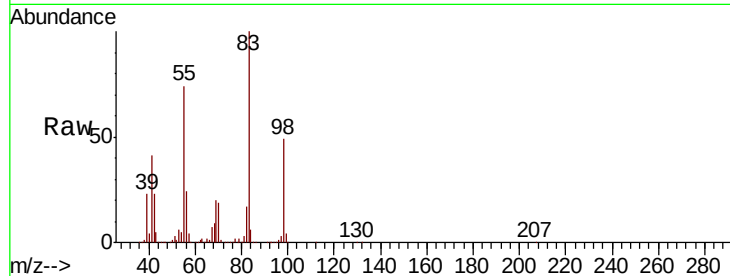




#39
Methylvlcyclohexane
Concen: 102.088 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

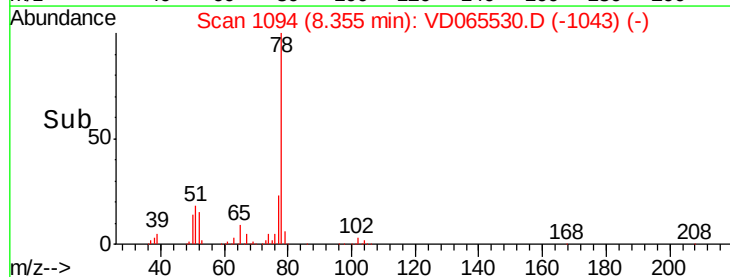
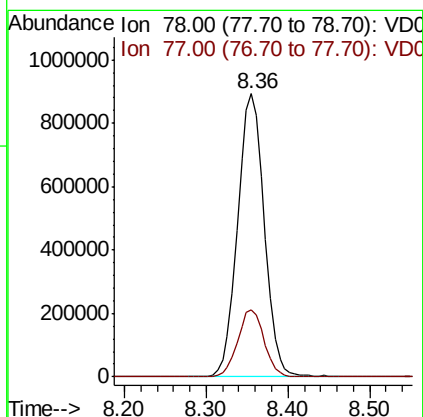
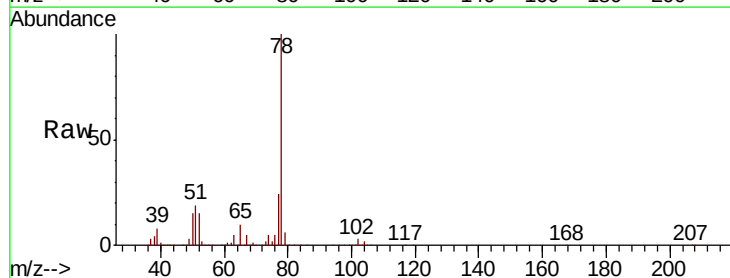
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

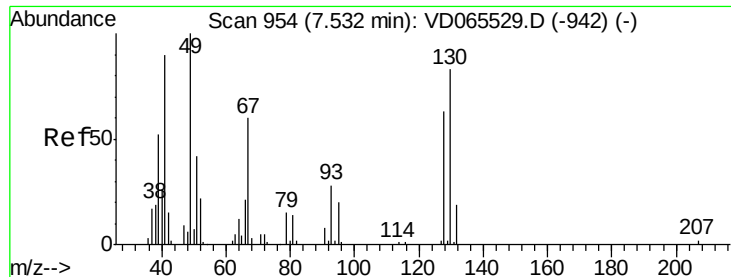
Tot Ion: 83 Resp: 908573
Ion Ratio Lower Upper
83 100
55 74.0 59.7 89.5
98 49.2 40.2 60.2



#40
Benzene
Concen: 97.917 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 78 Resp: 2030341
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

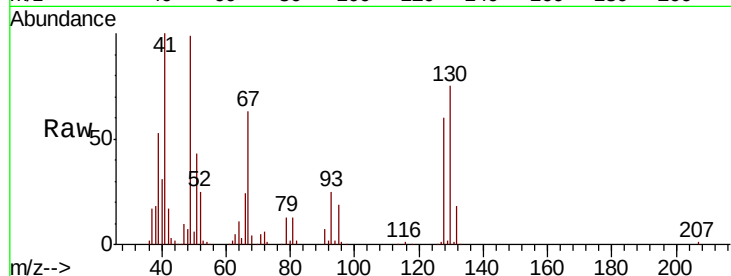




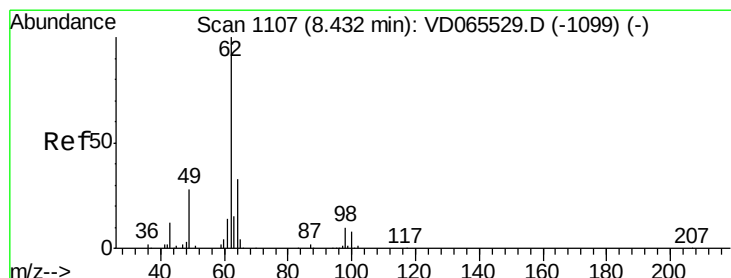
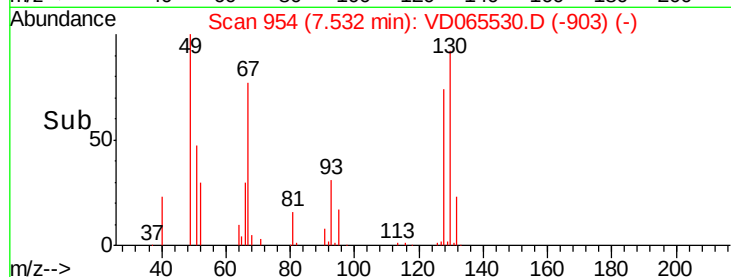
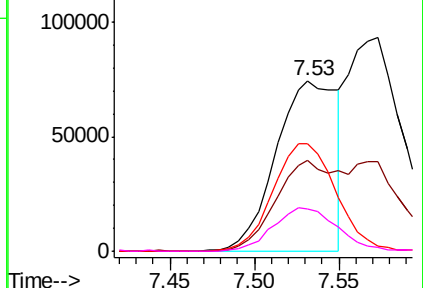
#41
Methacrylonitrile
Concen: 118.947 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	185416
Ion	Ratio	Lower	Upper
41	100		
39	45.5	42.9	64.3
67	66.3	60.5	90.7
52	27.6	24.5	36.7

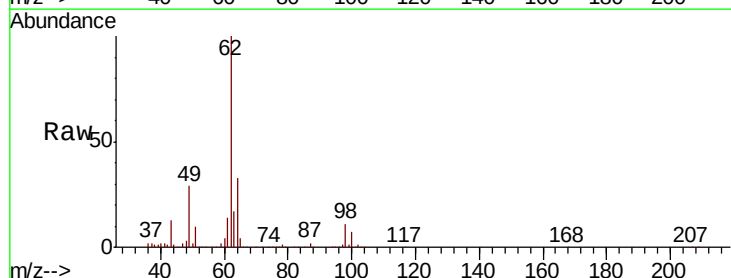


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

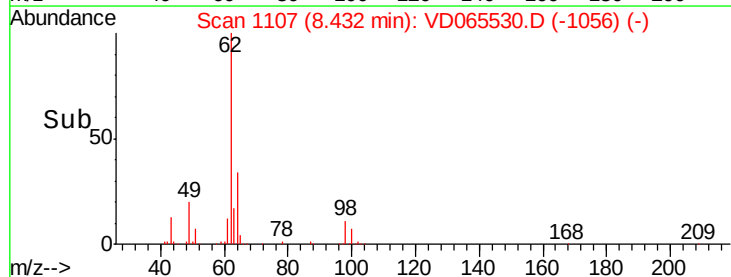
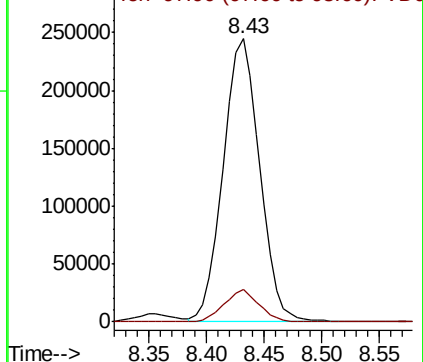


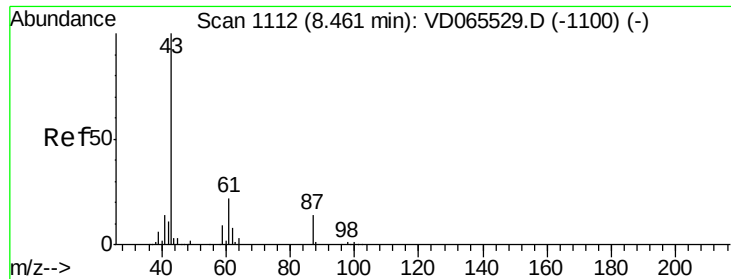
#42
1,2-Dichloroethane
Concen: 98.077 ug/l
RT: 8.43 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion:	62	Resp:	534487
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 101.814 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

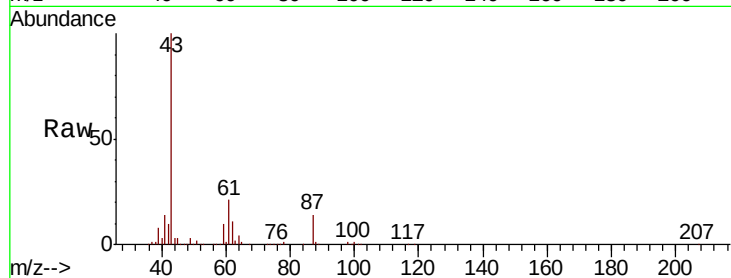
Tot Ion: 43 Resp: 539561

Ion Ratio Lower Upper

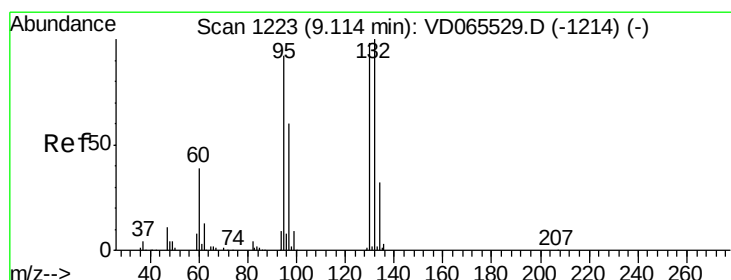
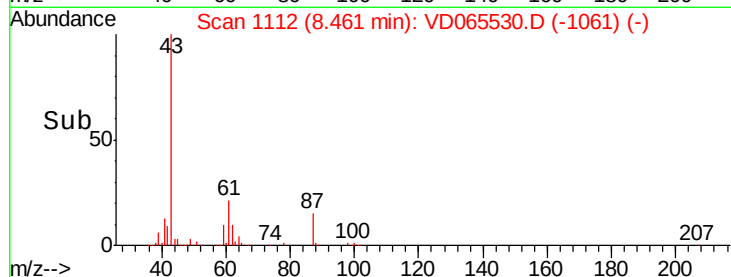
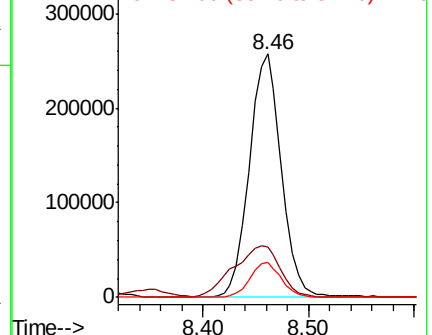
43 100

61 30.8 25.0 37.4

87 14.2 11.0 16.4



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: 98.875 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065530.D

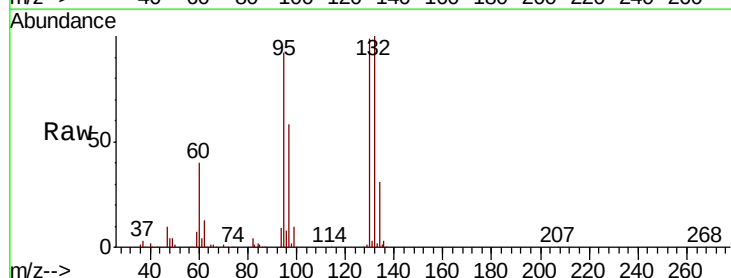
Acq: 26 Mar 2020 17:30

Tgt Ion:130 Resp: 580461

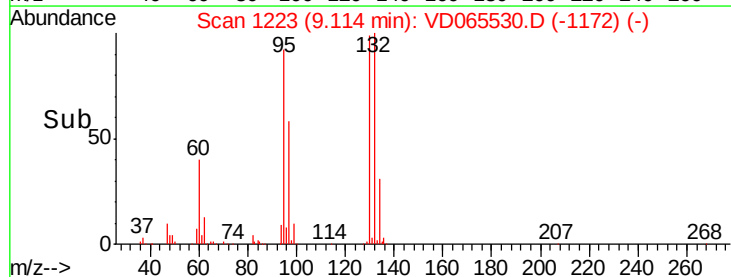
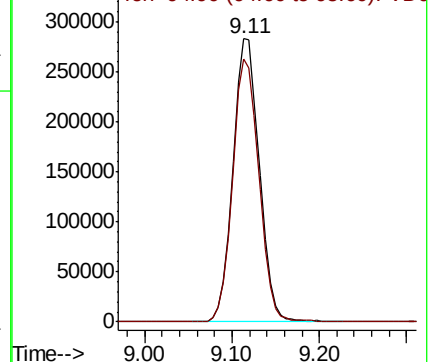
Ion Ratio Lower Upper

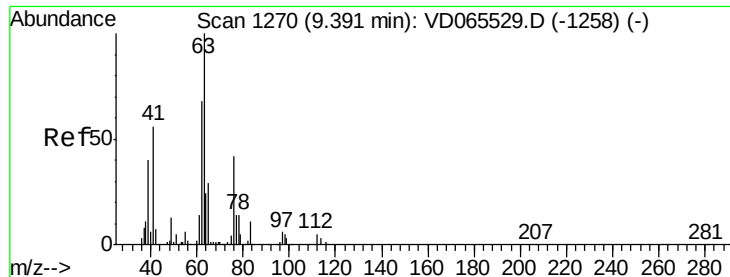
130 100

95 93.0 0.0 187.0



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

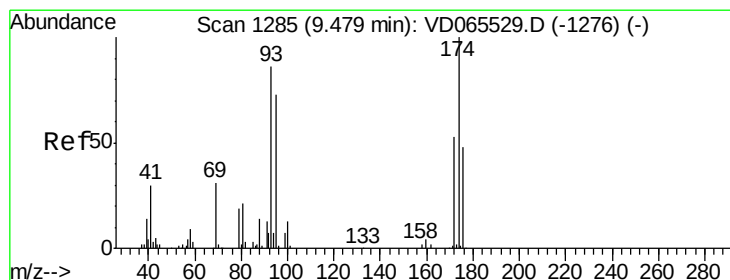
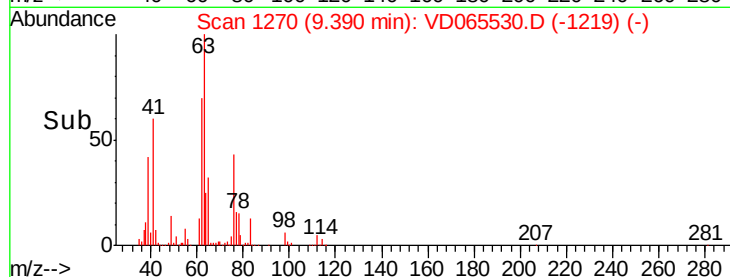
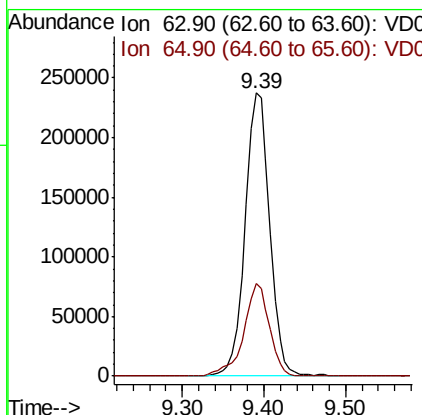
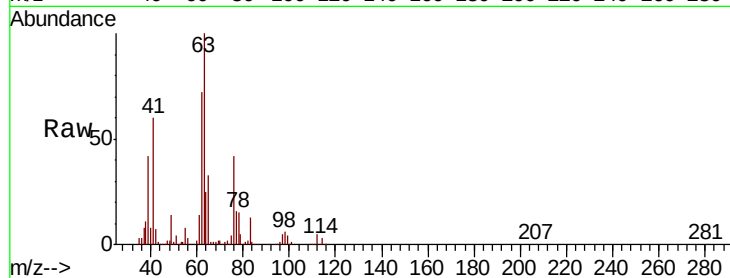




#45
 1,2-Dichloropropane
 Concen: 98.637 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

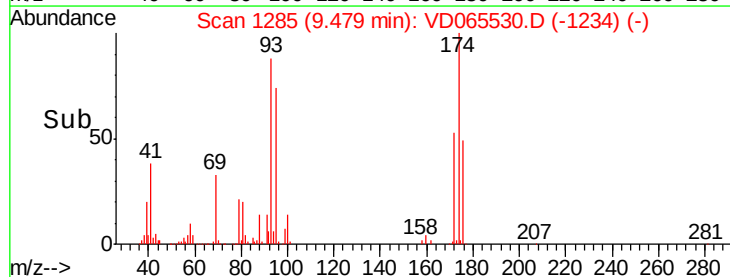
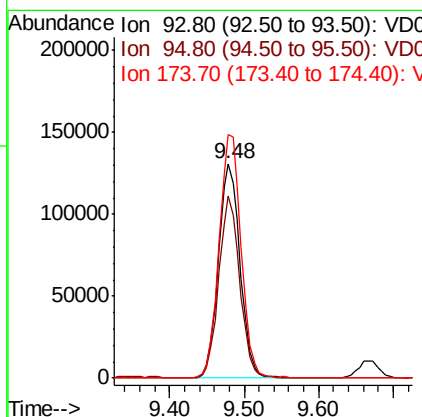
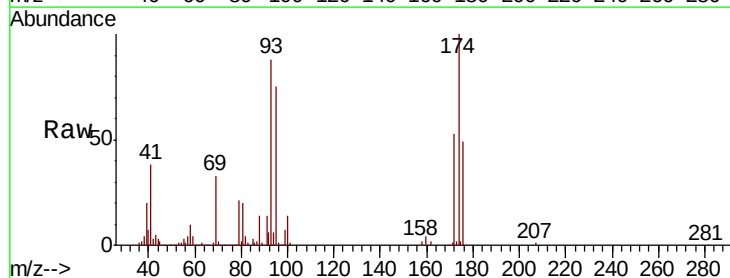
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

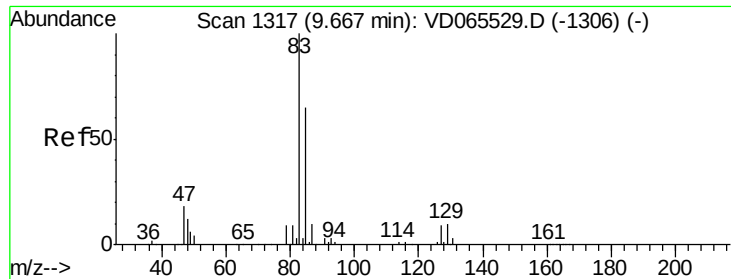
Tot Ion: 63 Resp: 496355
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.5 35.3



#46
 Dibromomethane
 Concen: 100.867 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 93 Resp: 263667
 Ion Ratio Lower Upper
 93 100
 95 82.1 67.3 100.9
 174 115.3 92.5 138.7

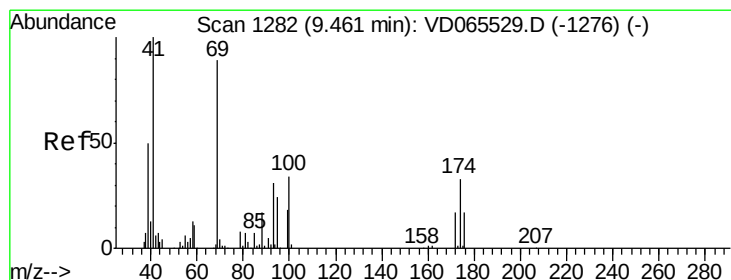
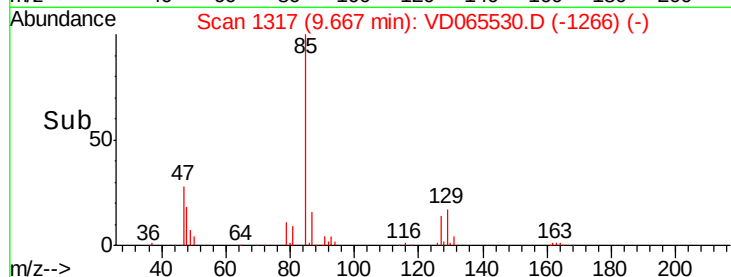
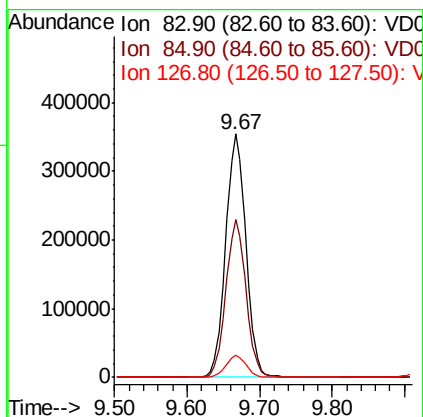
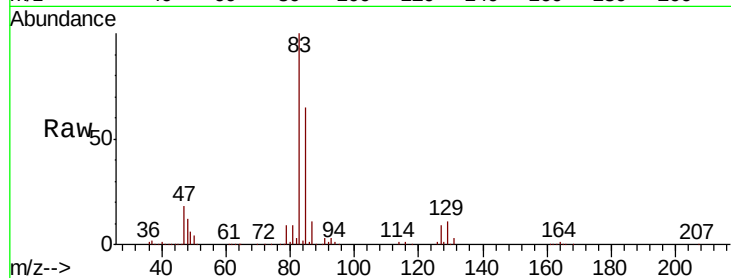




#47
Bromodichloromethane
Concen: 100.857 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

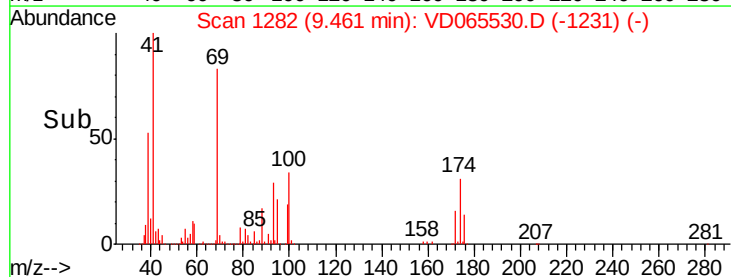
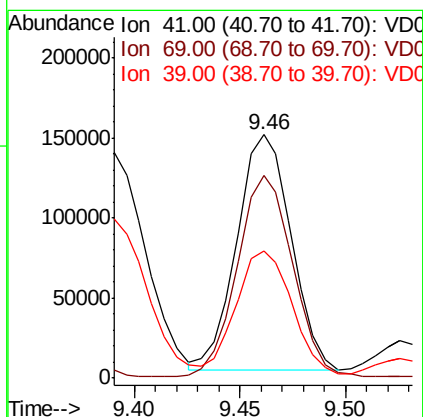
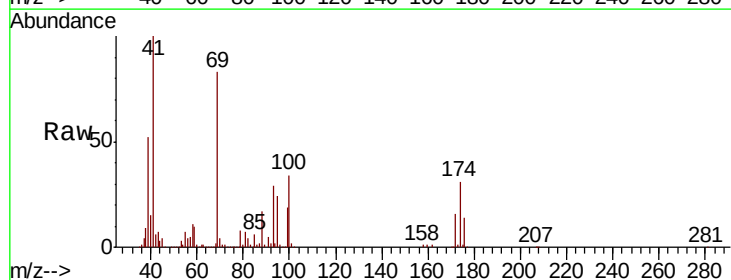
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

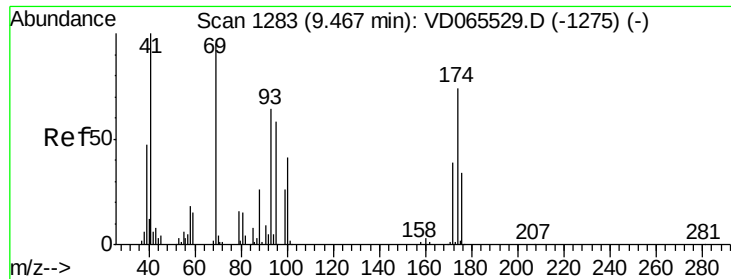
Tot Ion: 83 Resp: 686103
Ion Ratio Lower Upper
83 100
85 65.0 52.2 78.2
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 104.577 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 41 Resp: 261655
Ion Ratio Lower Upper
41 100
69 88.8 71.8 107.6
39 53.0 42.2 63.4

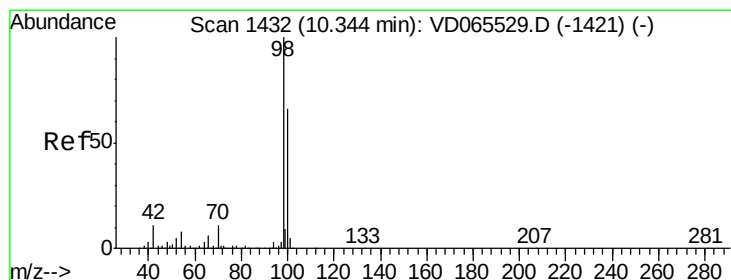
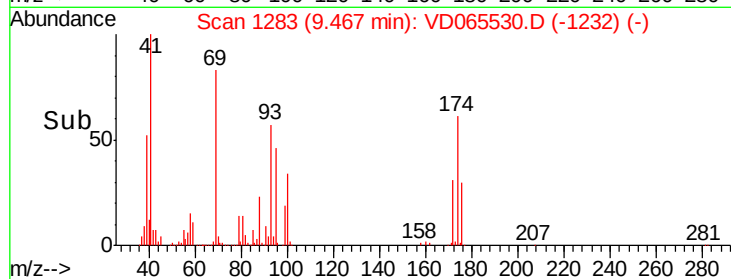
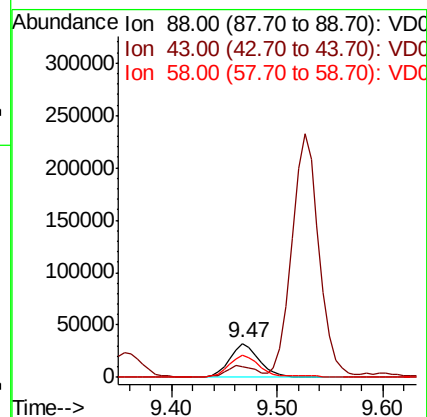
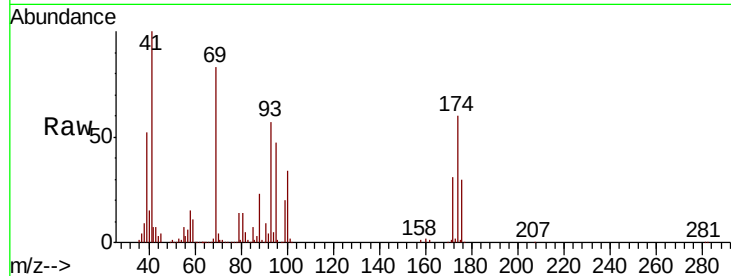




#49
1,4-Dioxane
Concen: 2084.895 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

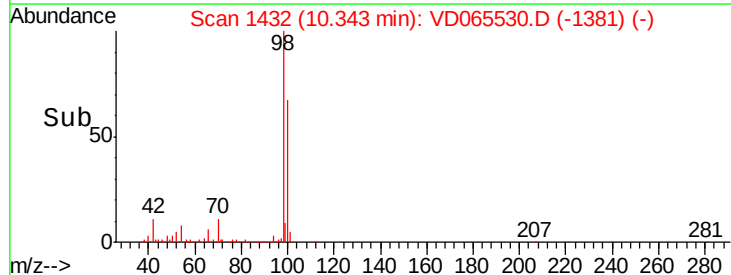
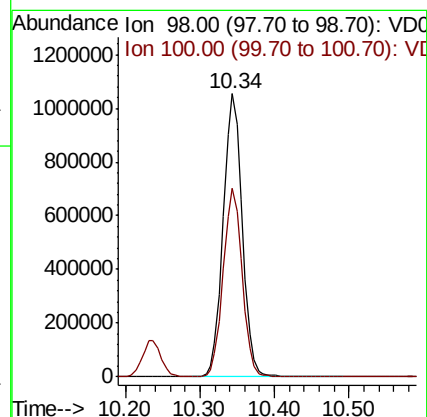
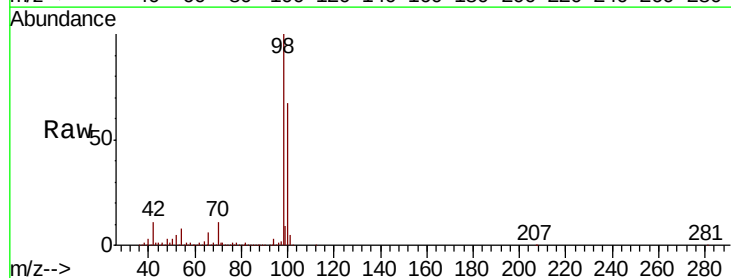
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

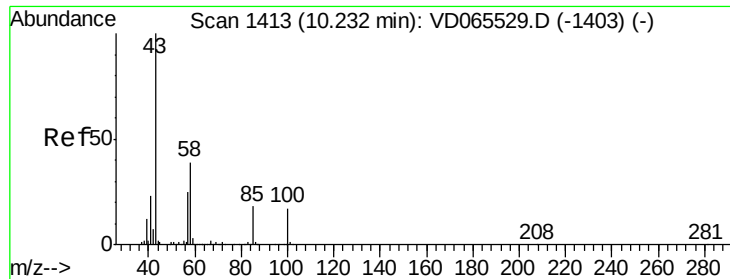
Tot Ion: 88 Resp: 62748
Ion Ratio Lower Upper
88 100
43 34.4 26.0 39.0
58 66.5 54.6 82.0



#50
Toluene-d8
Concen: 101.532 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 98 Resp: 1871817
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.2

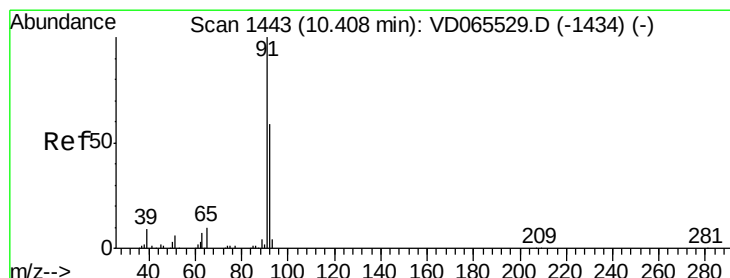
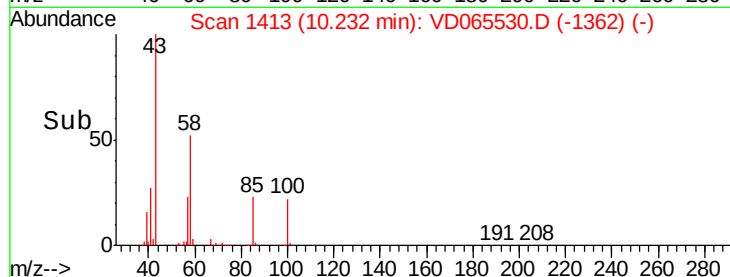
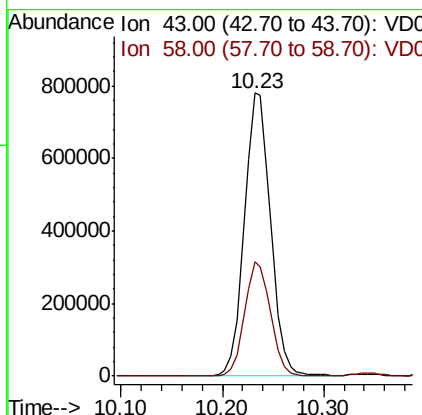
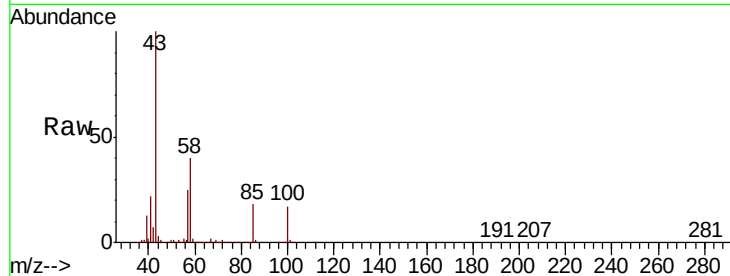




#51
4-Methyl-2-Pentanone
Concen: 520.996 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

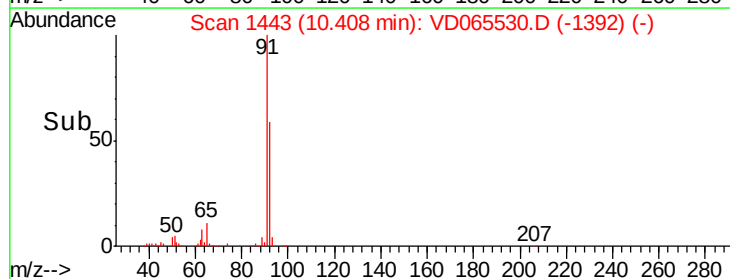
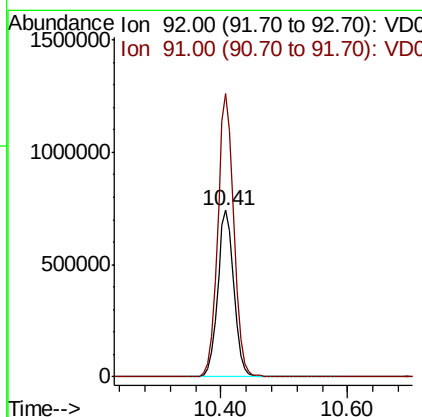
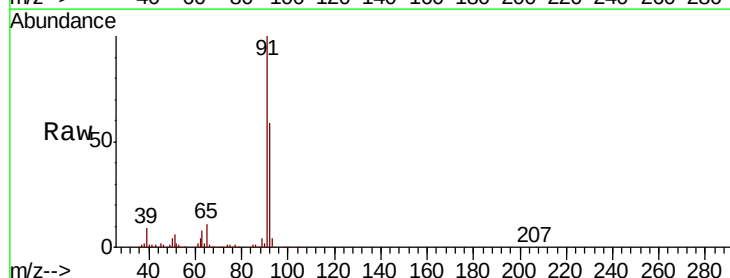
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

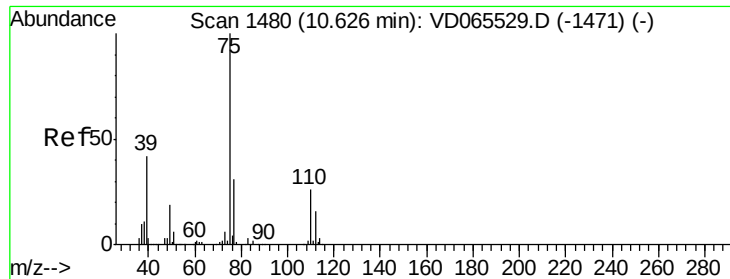
Tot Ion: 43 Resp: 1393987
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.2



#52
Toluene
Concen: 101.782 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 92 Resp: 1331968
Ion Ratio Lower Upper
92 100
91 168.9 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 105.468 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

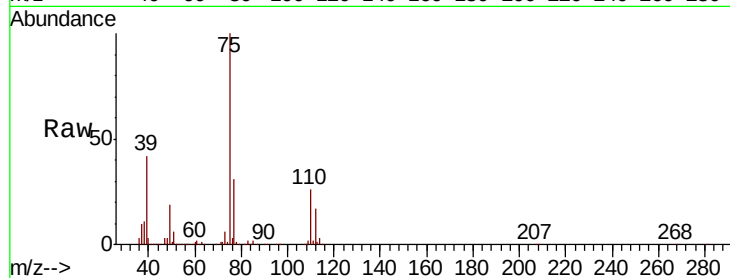
VSTDIC100

Tot Ion: 75 Resp: 671163

Ion Ratio Lower Upper

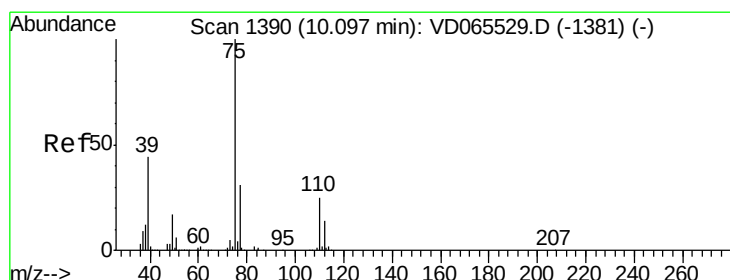
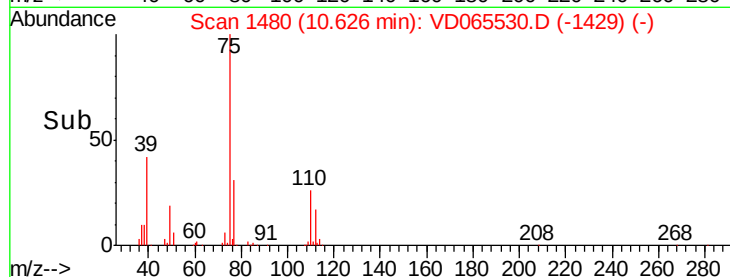
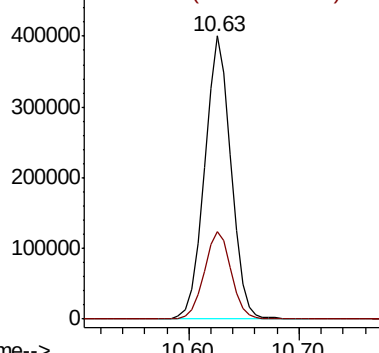
75 100

77 30.9 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 105.559 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

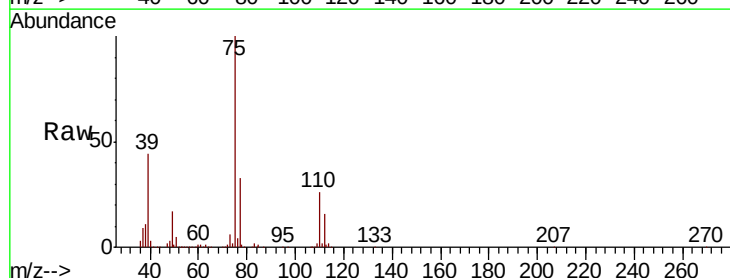
Tgt Ion: 75 Resp: 812348

Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

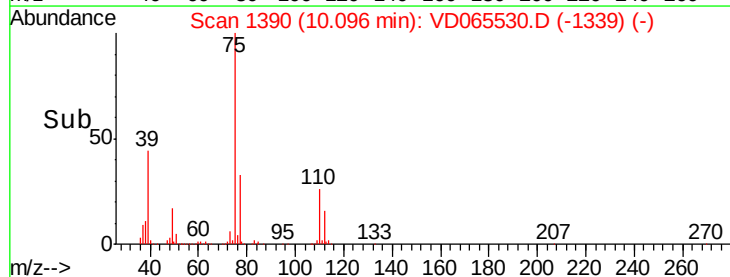
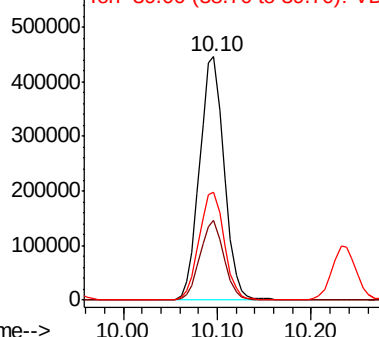
39 44.1 35.4 53.2

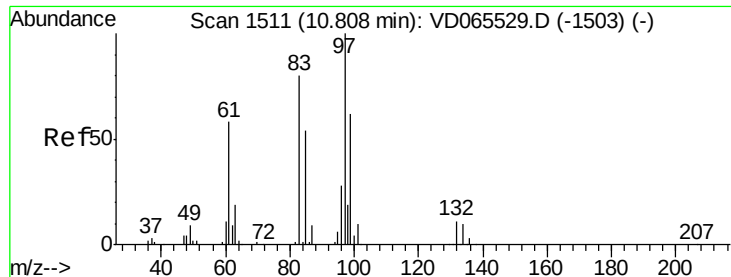


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

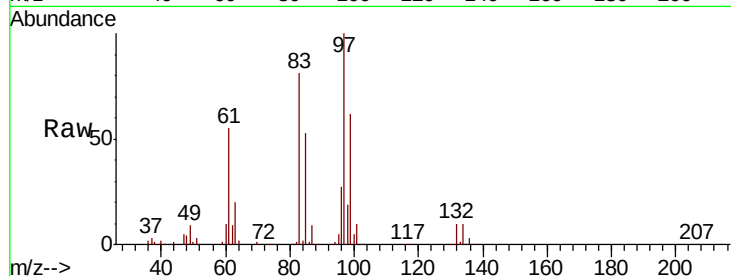




#55
 1,1,2-Trichloroethane
 Concen: 100.228 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	373146
Ion	Ratio	Lower	Upper
97	100		
83	81.2	63.8	95.6
85	52.8	42.9	64.3
99	61.9	49.9	74.9



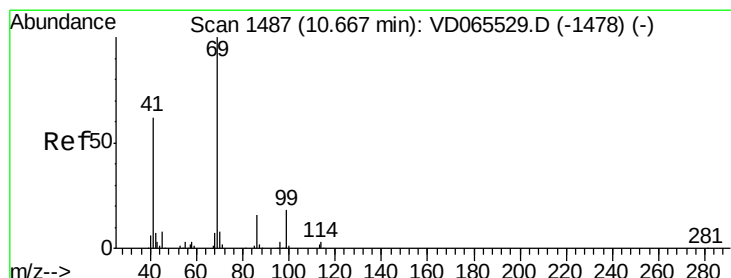
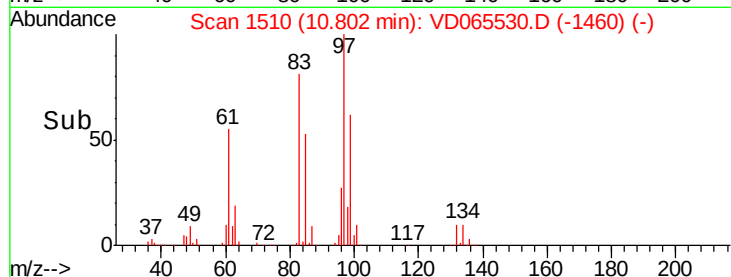
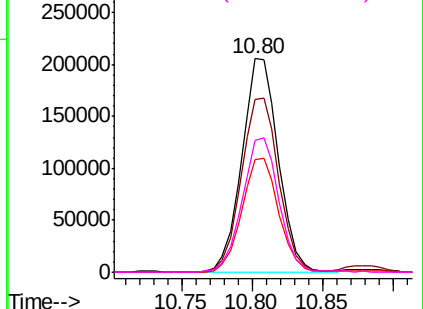
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

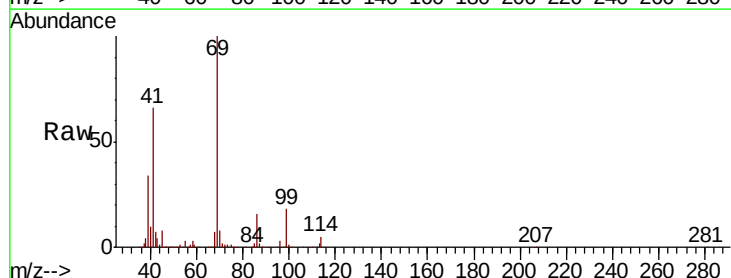
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 113.756 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion:	69	Resp:	476816
Ion	Ratio	Lower	Upper
69	100		
41	65.3	51.3	76.9
39	30.6	25.3	37.9

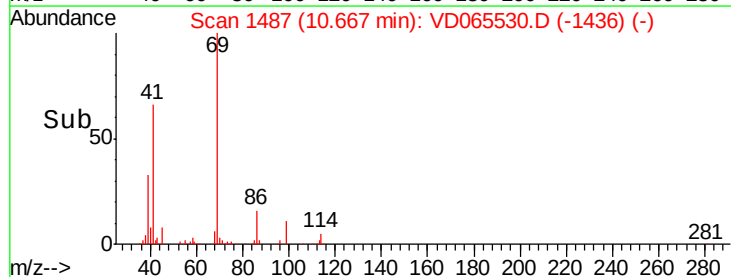
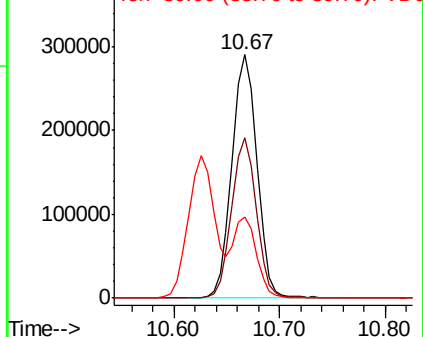


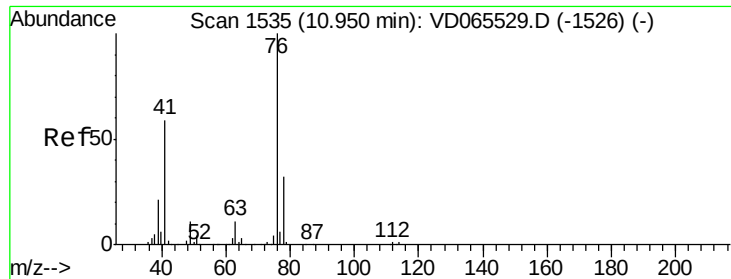
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

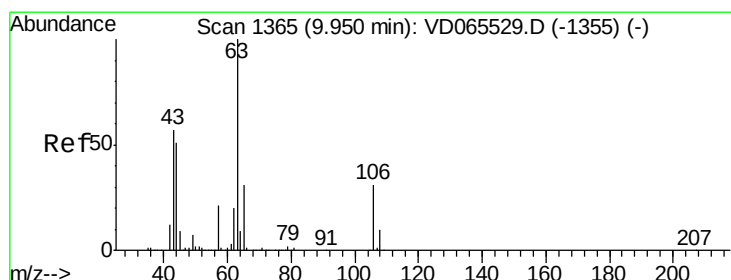
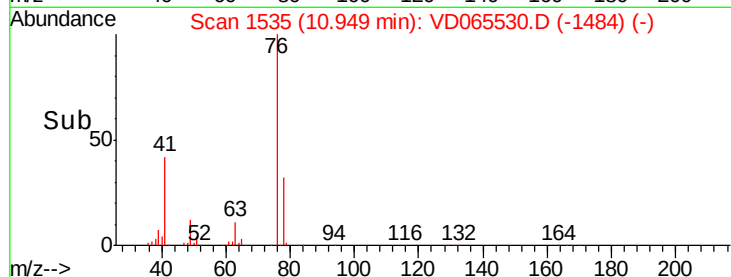
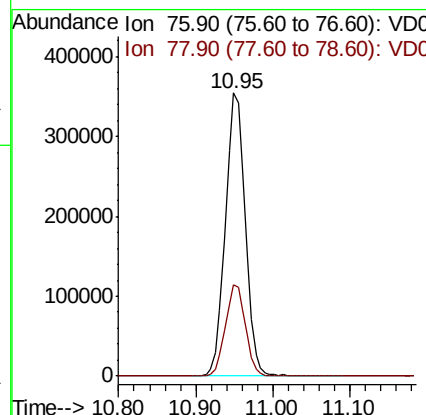
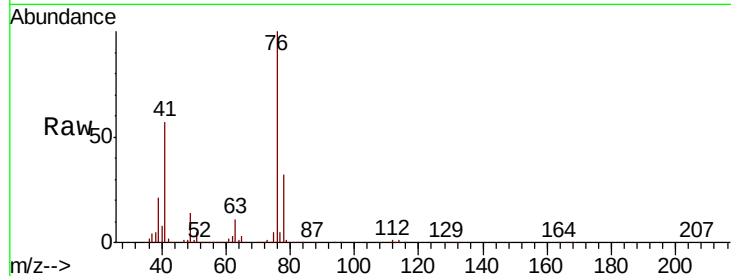




#57
 1,3-Dichloropropane
 Concen: 101.526 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

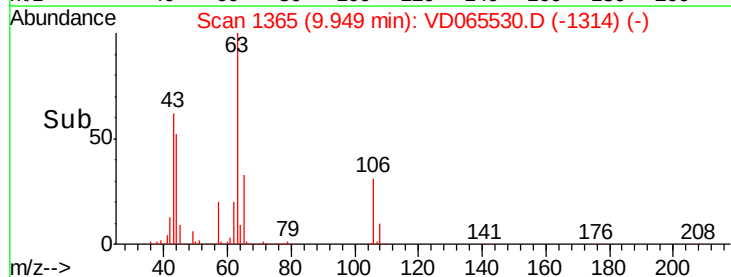
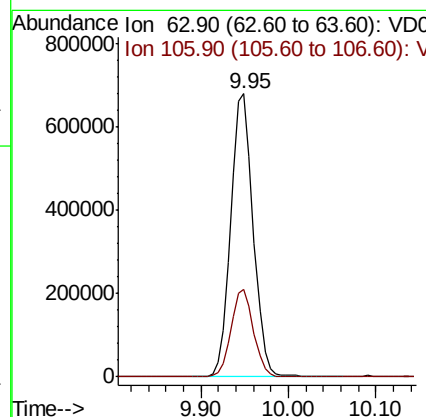
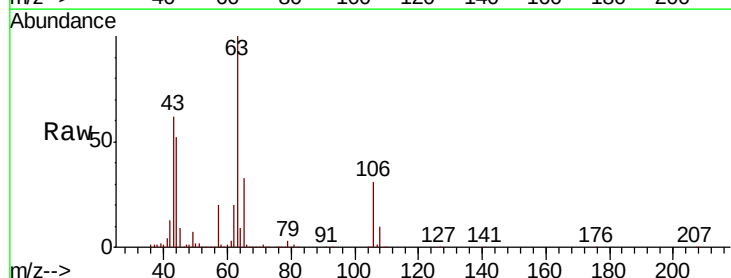
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

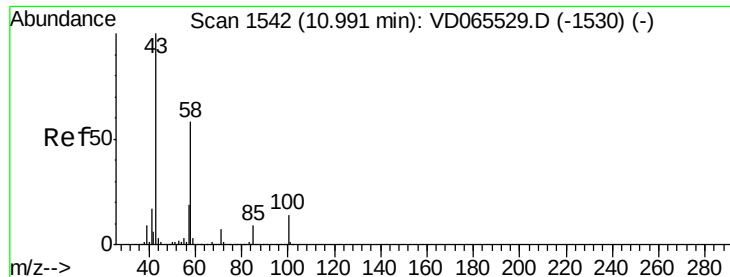
Tot Ion: 76 Resp: 638833
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 779.748 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 63 Resp: 1194511
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.3 36.5

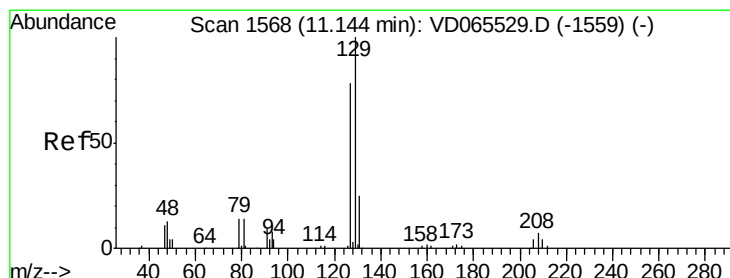
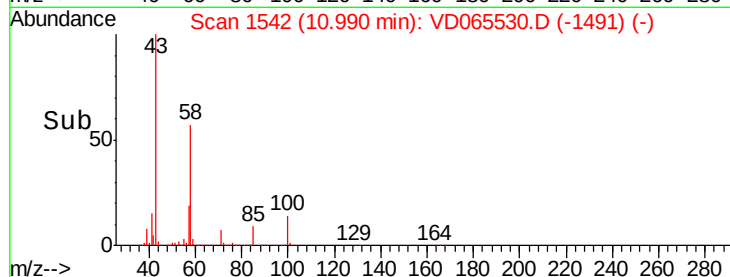
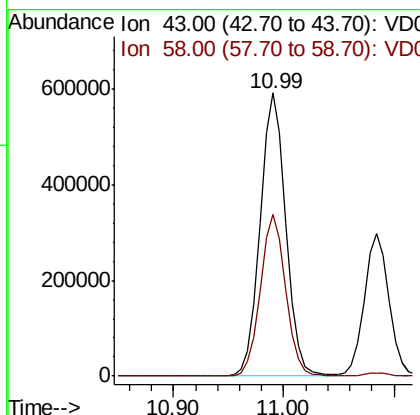
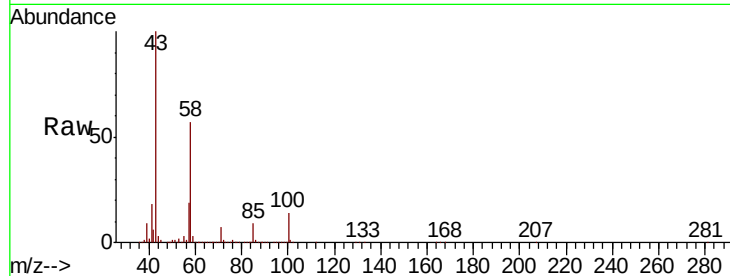




#59
2-Hexanone
Concen: 523.066 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

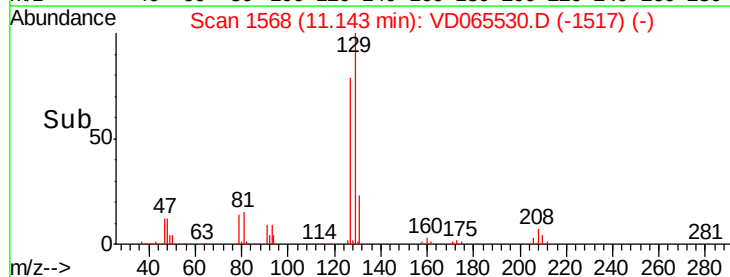
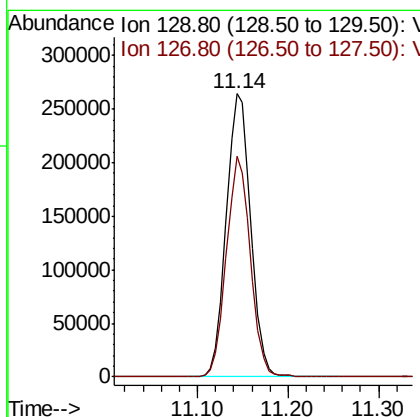
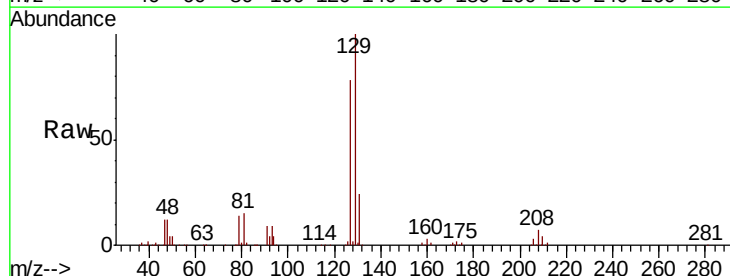
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

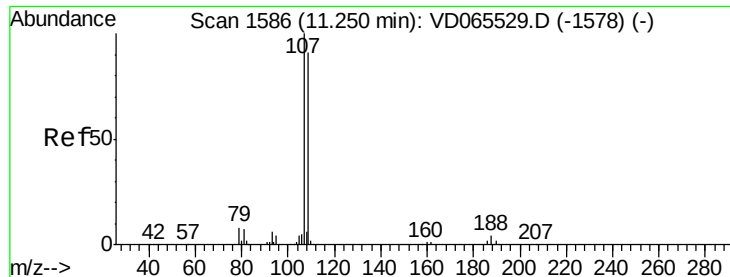
Tot Ion: 43 Resp: 966095
Ion Ratio Lower Upper
43 100
58 56.4 27.9 83.7



#60
Dibromochloromethane
Concen: 103.588 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion: 129 Resp: 495317
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.6

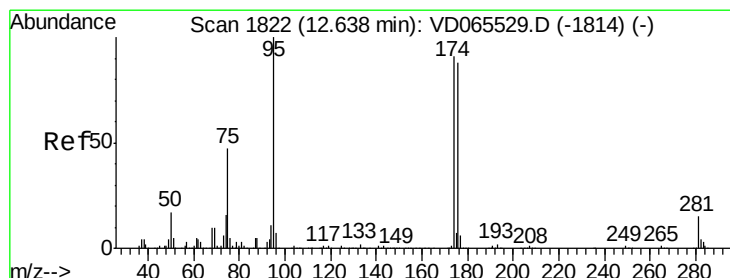
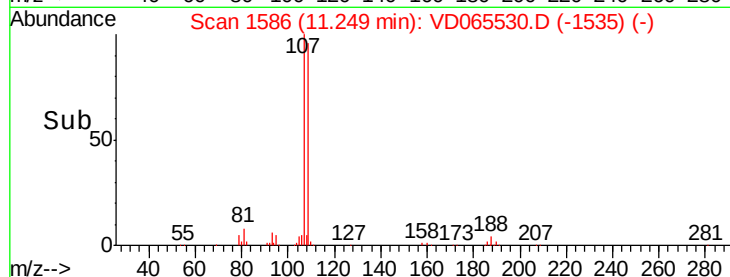
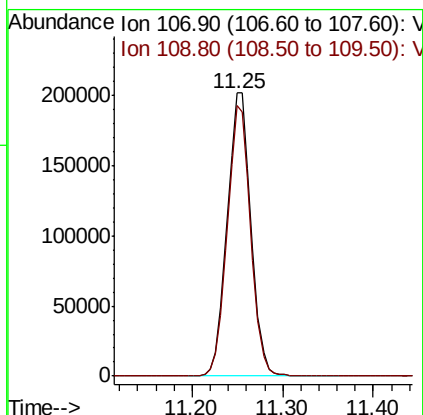
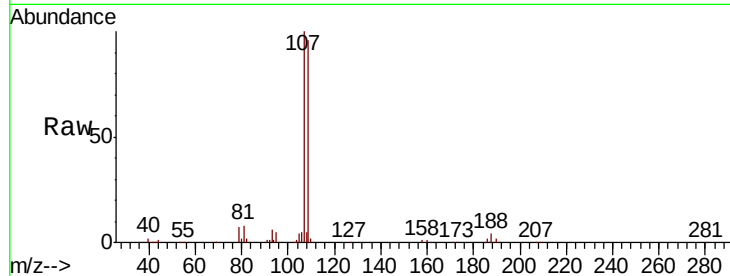




#61
 1,2-Dibromoethane
 Concen: 103.071 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

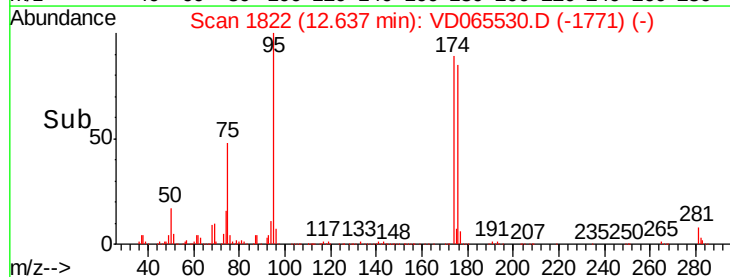
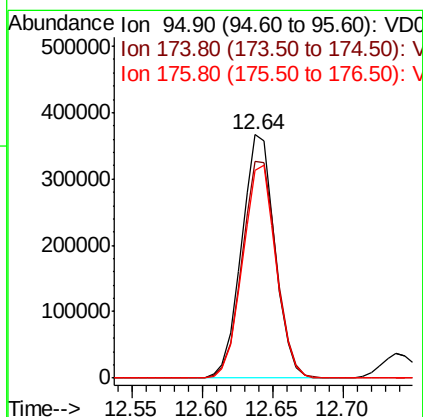
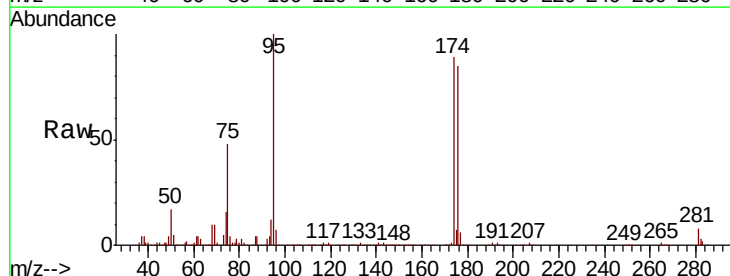
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

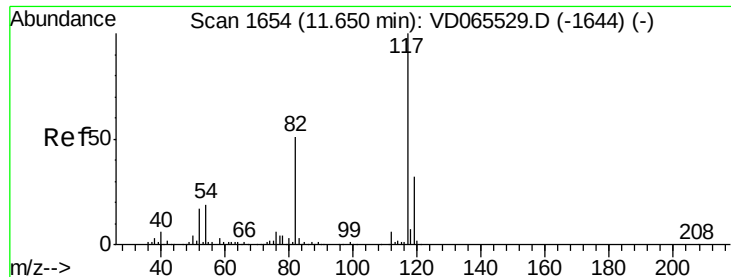
Tot Ion: 107 Resp: 367385
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 105.825 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion: 95 Resp: 604344
 Ion Ratio Lower Upper
 95 100
 174 91.8 0.0 183.8
 176 88.1 0.0 178.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

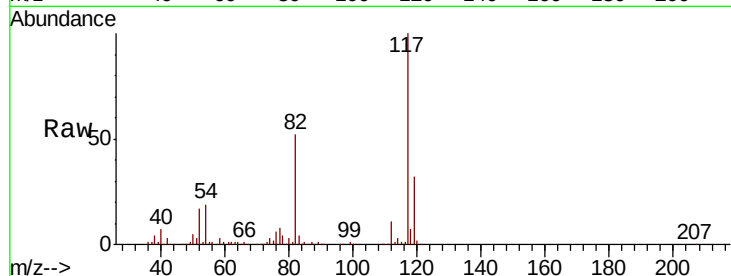
Tot Ion:117 Resp: 724453

Ion Ratio Lower Upper

117 100

82 51.9 41.0 61.6

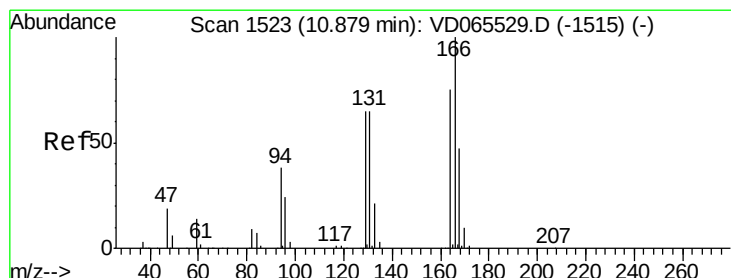
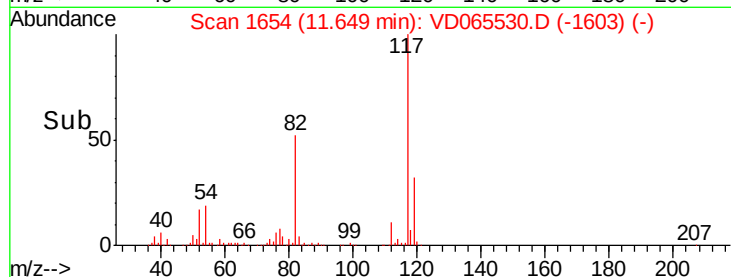
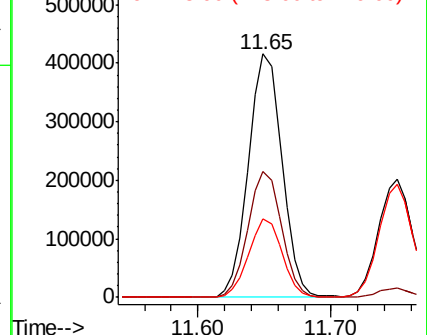
119 32.2 25.5 38.3



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: 98.178 ug/l

RT: 10.88 min Scan# 1523

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Tgt Ion:164 Resp: 506529

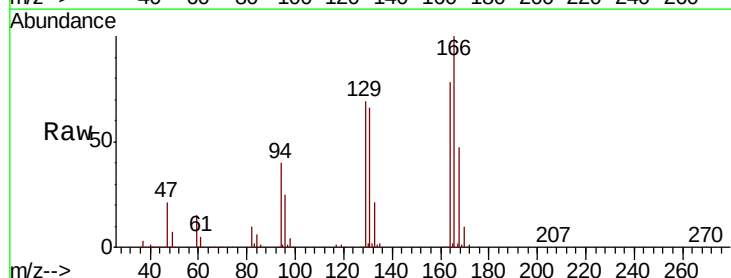
Ion Ratio Lower Upper

164 100

166 128.3 107.1 160.7

129 88.6 69.2 103.8

131 84.3 69.4 104.0

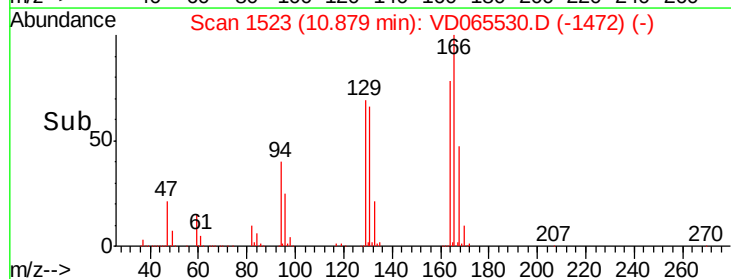
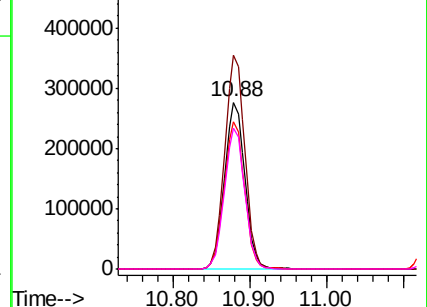


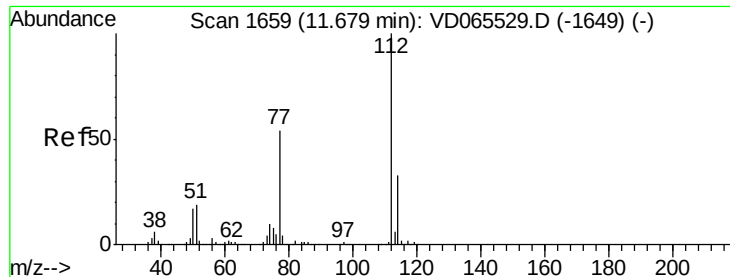
Abundance Ion 163.80 (163.50 to 164.50): V

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

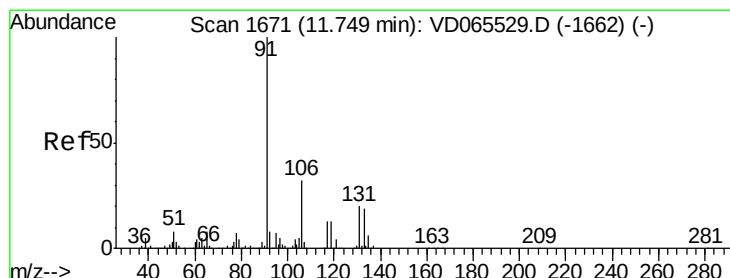
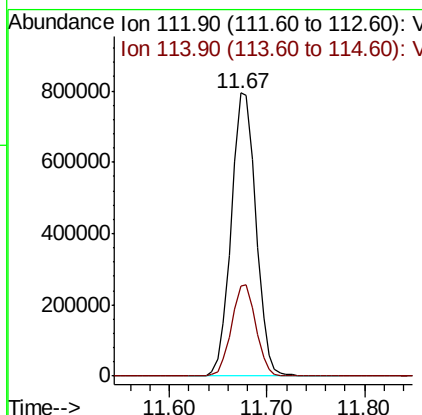
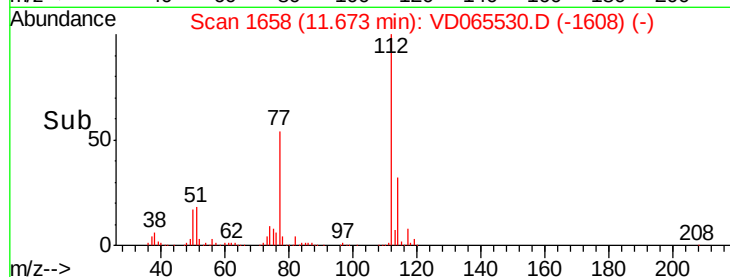
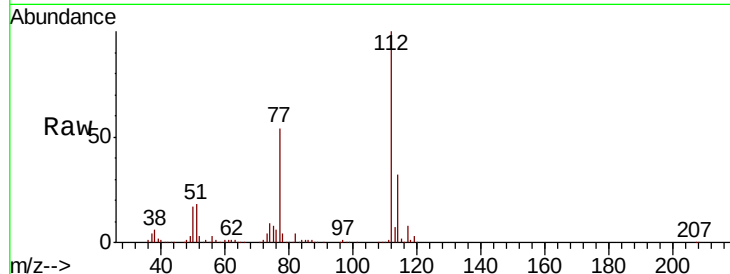




#65
Chlorobenzene
Concen: 98.444 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

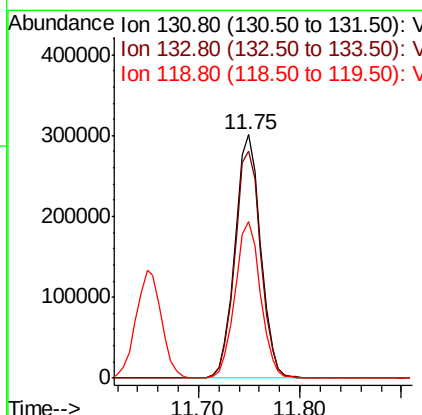
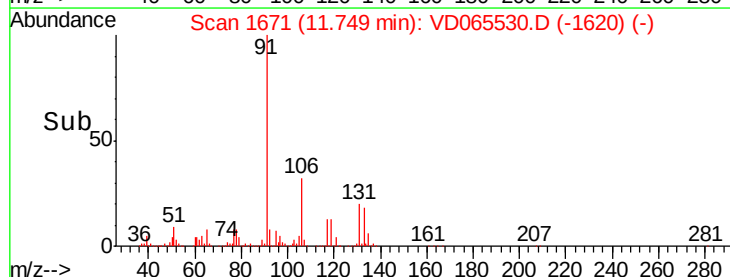
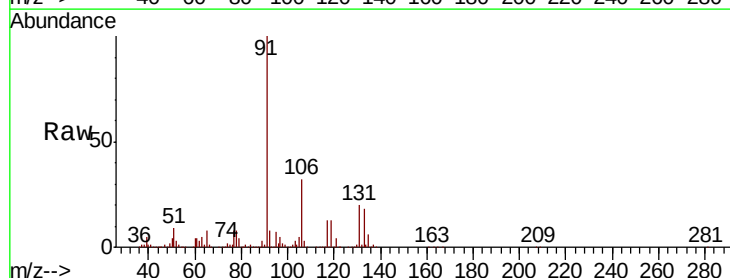
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

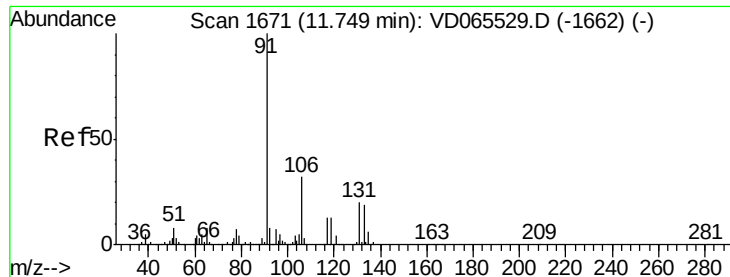
Tot Ion:112 Resp: 1400758
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 101.397 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion:131 Resp: 528442
Ion Ratio Lower Upper
131 100
133 94.8 48.9 146.7
119 64.1 32.5 97.4





#67

Ethyl Benzene

Concen: 102.033 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

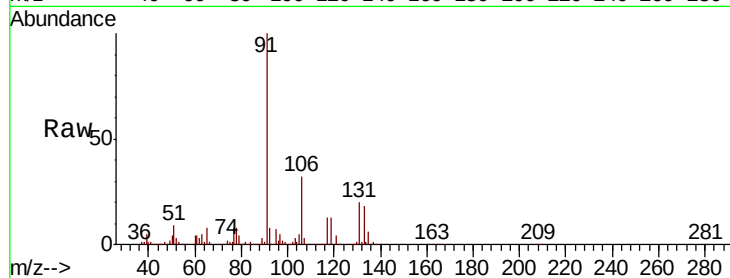
VSTDIC100

Tot Ion: 91 Resp: 2499479

Ion Ratio Lower Upper

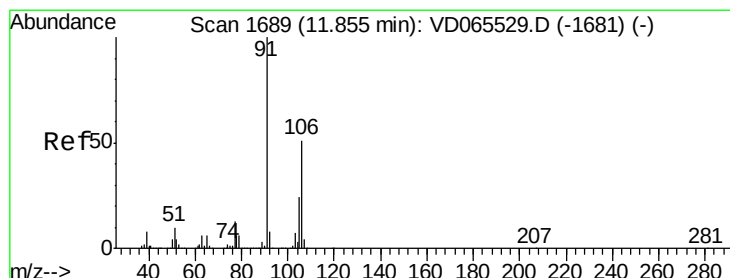
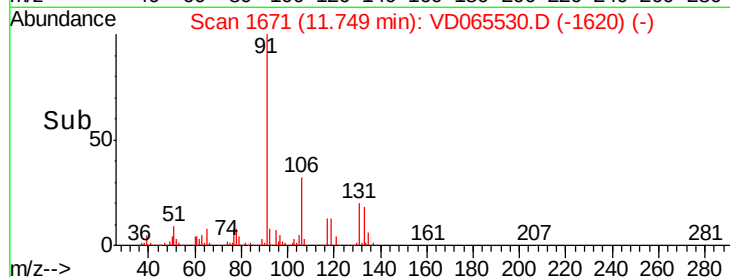
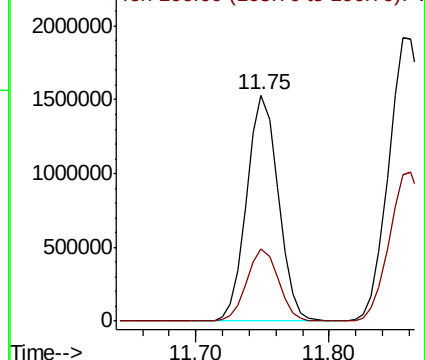
91 100

106 32.0 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 207.442 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD065530.D

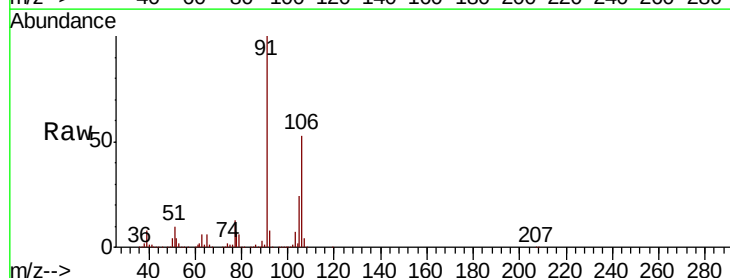
Acq: 26 Mar 2020 17:30

Tgt Ion: 106 Resp: 1961182

Ion Ratio Lower Upper

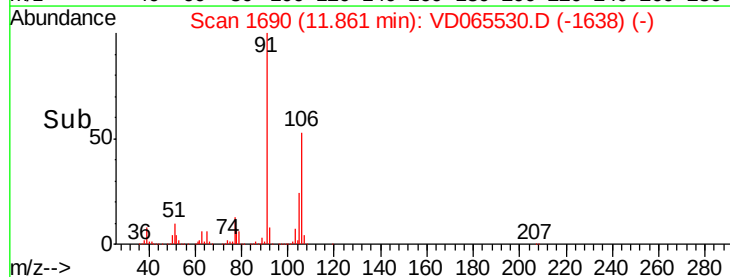
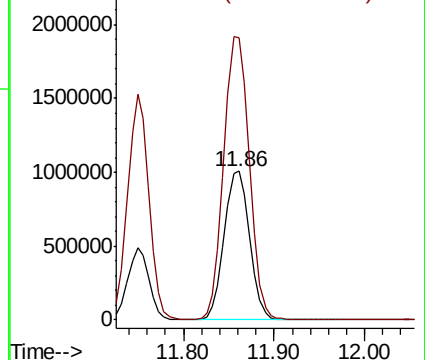
106 100

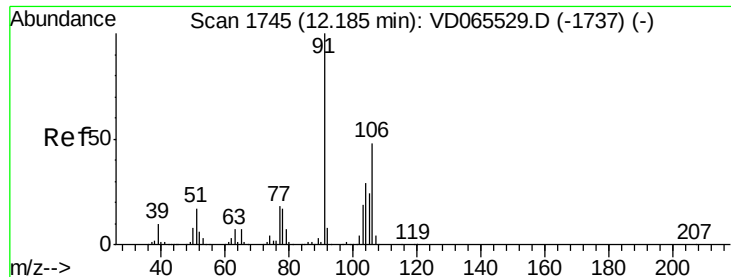
91 192.4 155.4 233.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

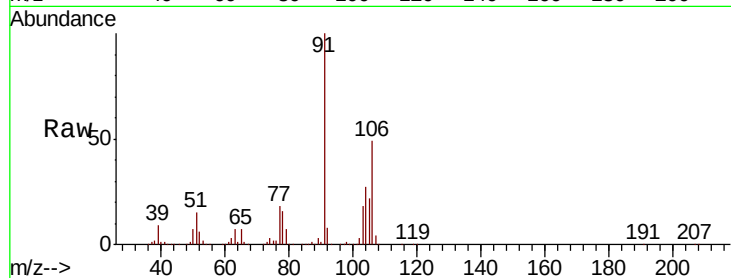




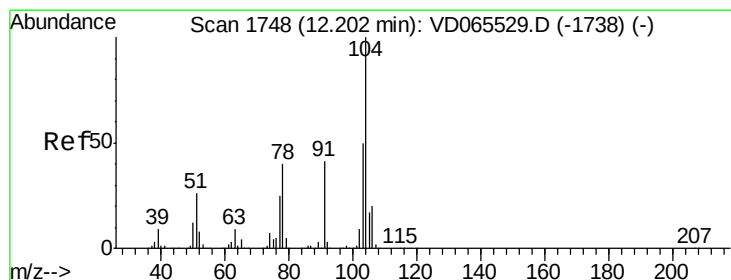
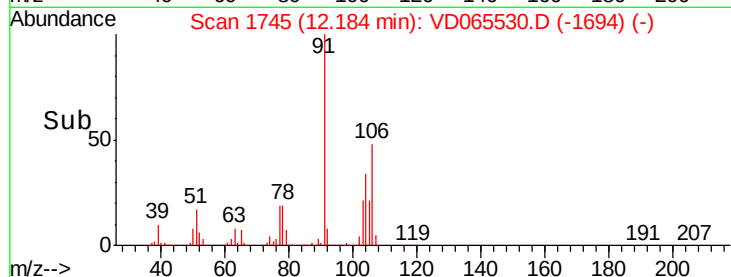
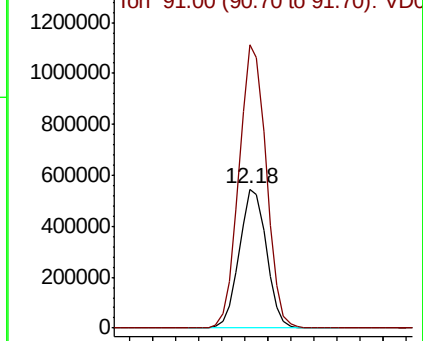
#69
o-Xylene
Concen: 107.473 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 894230
Ion Ratio Lower Upper
106 100
91 204.3 102.8 308.4

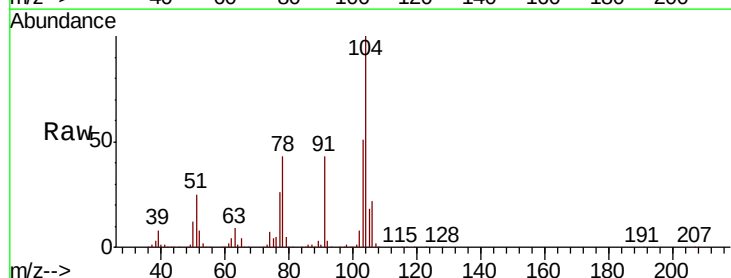


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

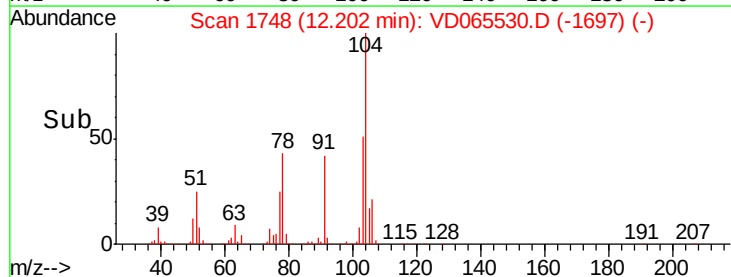
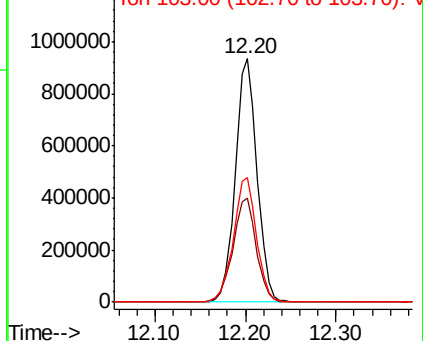


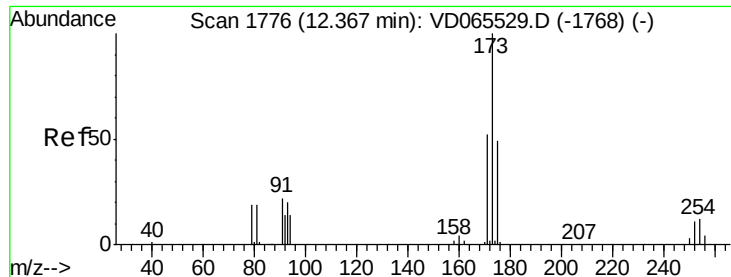
#70
Styrene
Concen: 105.956 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion:104 Resp: 1556900
Ion Ratio Lower Upper
104 100
78 46.2 36.6 55.0
103 54.5 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 101.630 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

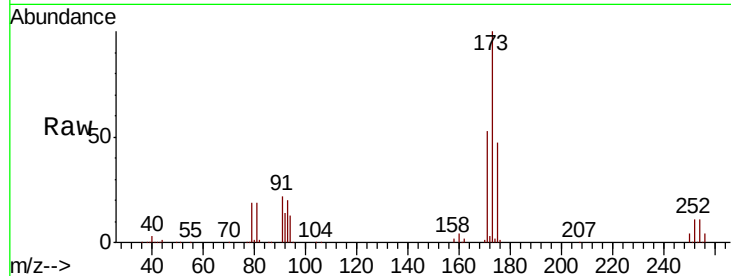
Tot Ion:173 Resp: 298179

Ion Ratio Lower Upper

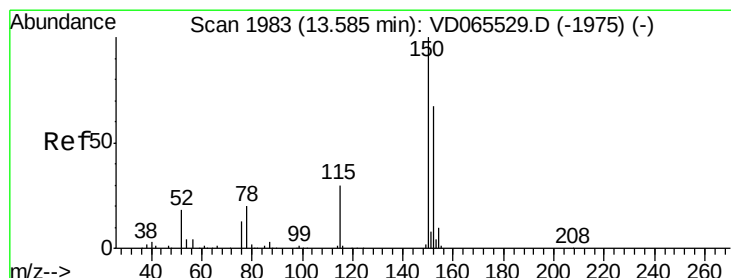
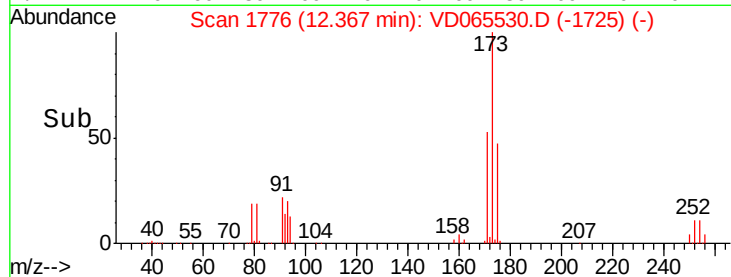
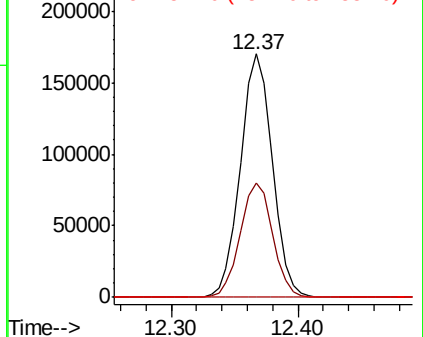
173 100

175 47.7 24.3 72.8

254 0.2 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

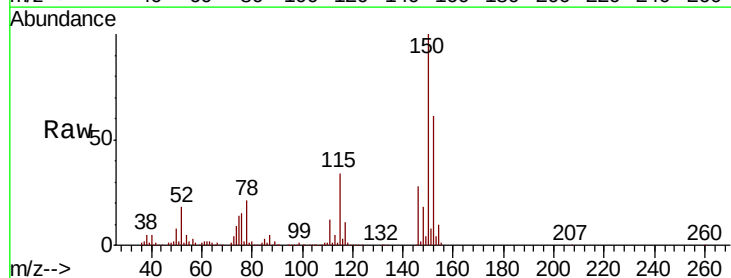
Tgt Ion:152 Resp: 362948

Ion Ratio Lower Upper

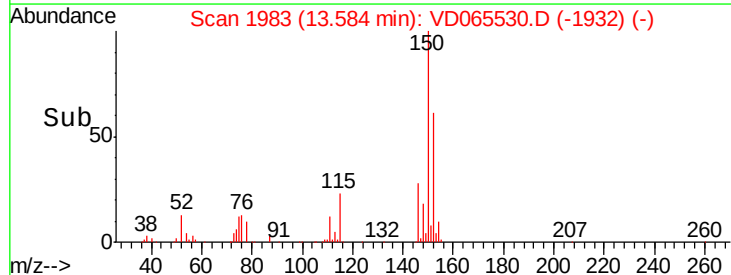
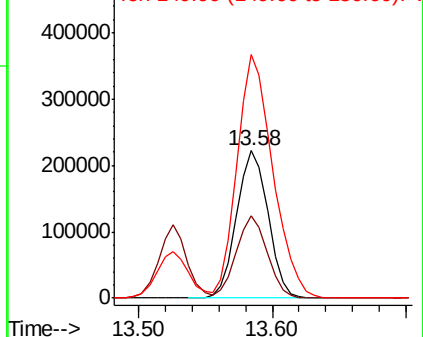
152 100

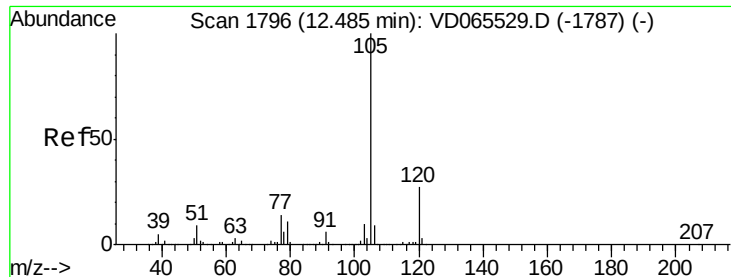
115 55.1 27.2 81.6

150 187.3 0.0 340.2



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: 102.023 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

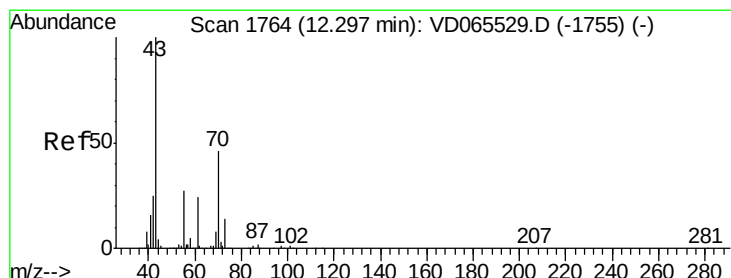
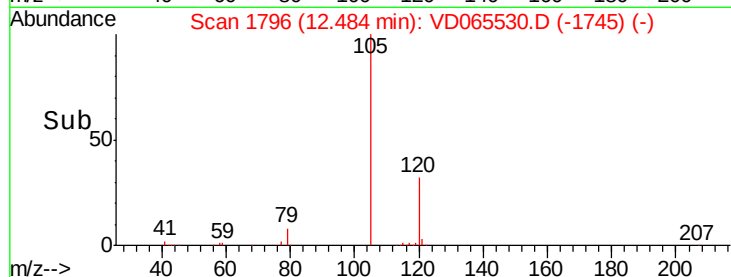
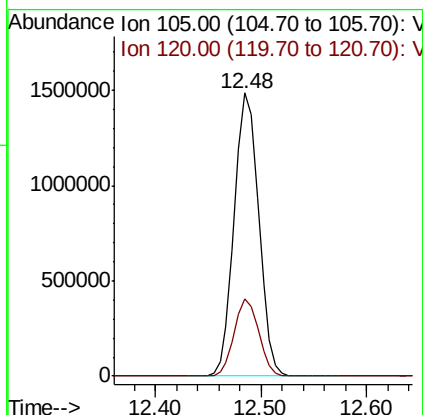
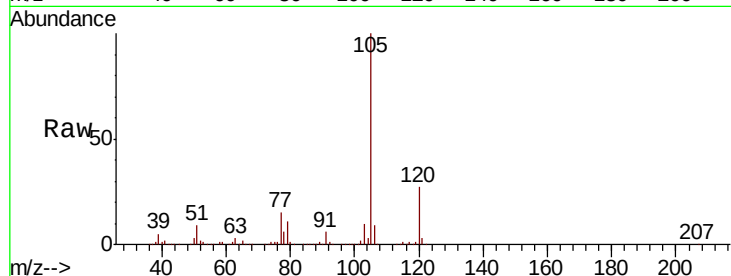
VSTDIC100

Tot Ion:105 Resp: 2385990

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.0



#74

N-ethyl acetate

Concen: 104.594 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Tgt Ion: 43 Resp: 501367

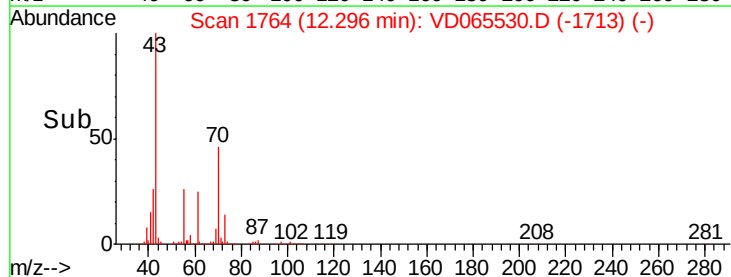
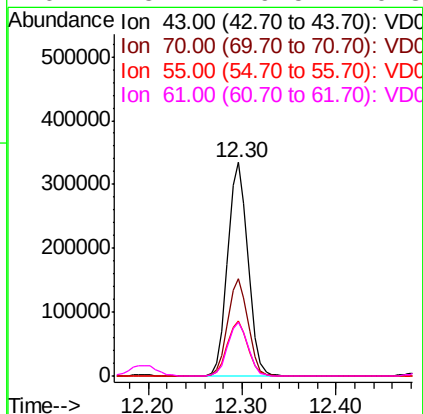
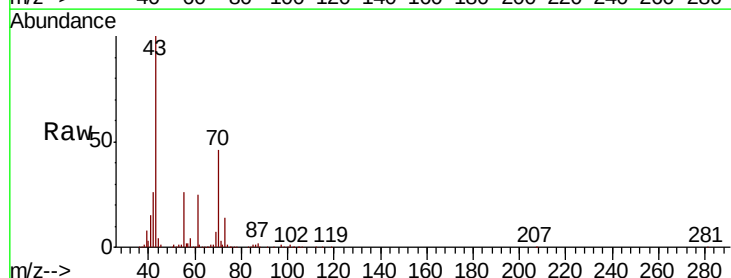
Ion Ratio Lower Upper

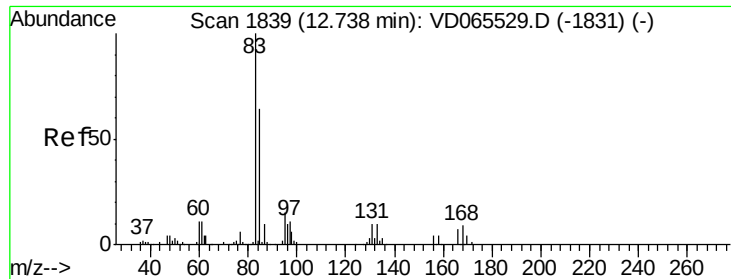
43 100

70 45.6 36.2 54.2

55 26.3 22.2 33.4

61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 93.011 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

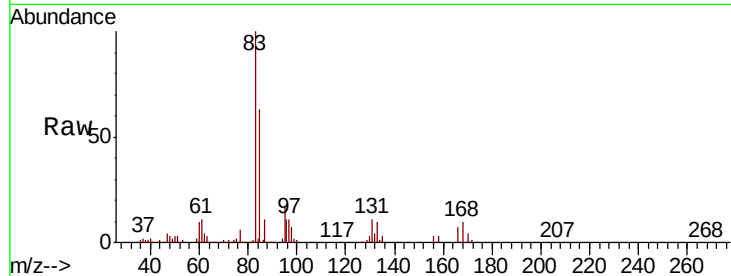
Tot Ion: 83 Resp: 384308

Ion Ratio Lower Upper

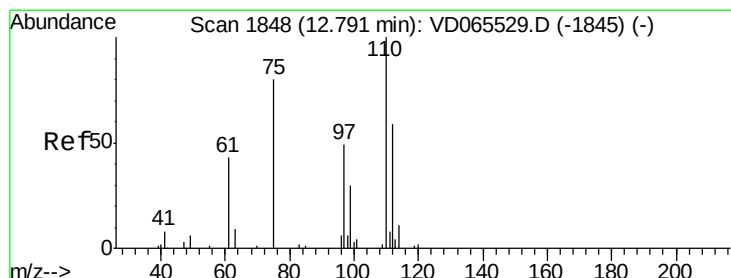
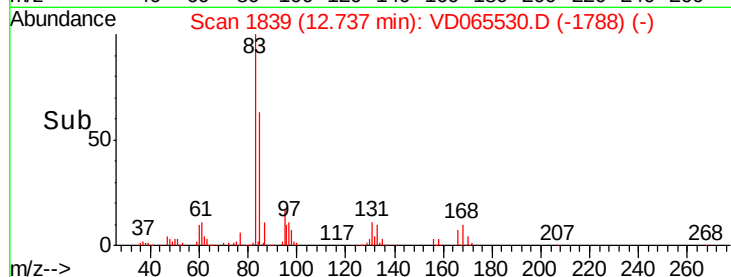
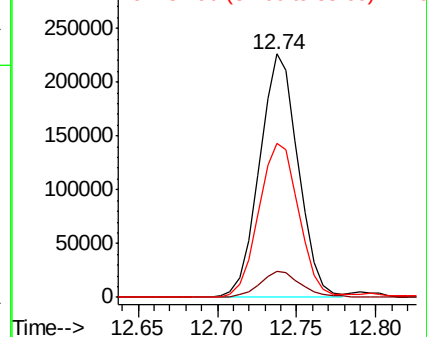
83 100

131 11.4 5.6 16.8

85 65.4 32.6 98.0



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: 178.556 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD065530.D

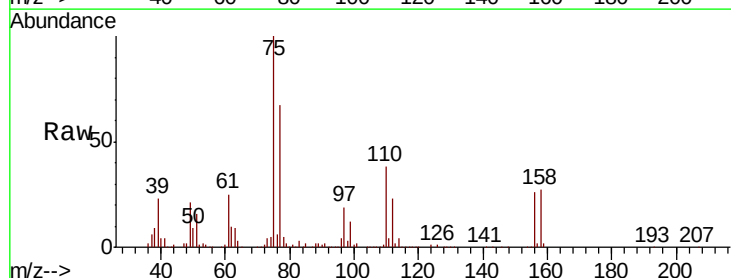
Acq: 26 Mar 2020 17:30

Tgt Ion: 75 Resp: 515275

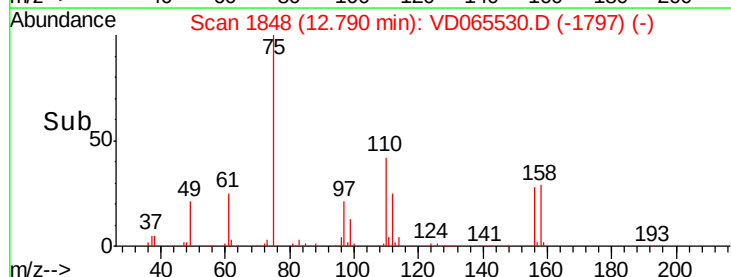
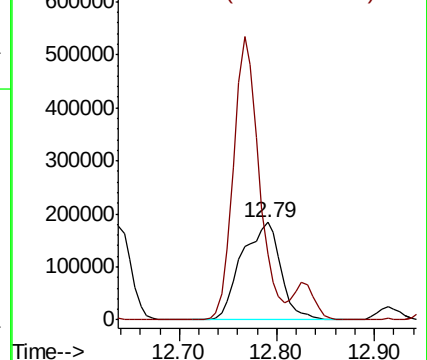
Ion Ratio Lower Upper

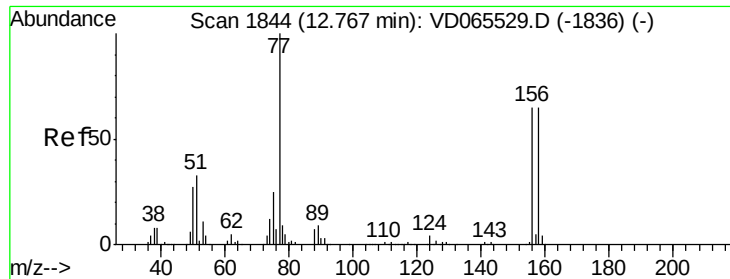
75 100

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: 101.263 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

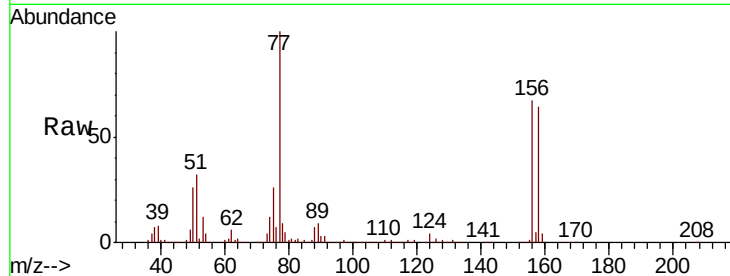
Tot Ion:156 Resp: 594404

Ion Ratio Lower Upper

156 100

77 164.7 81.8 245.3

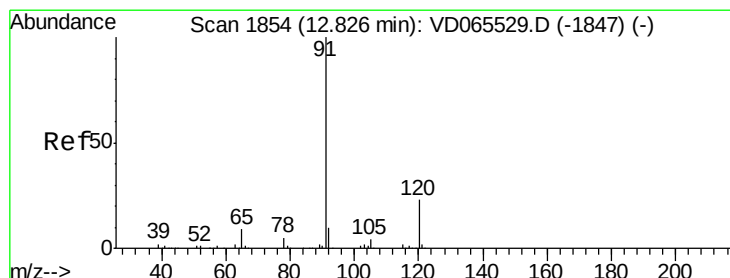
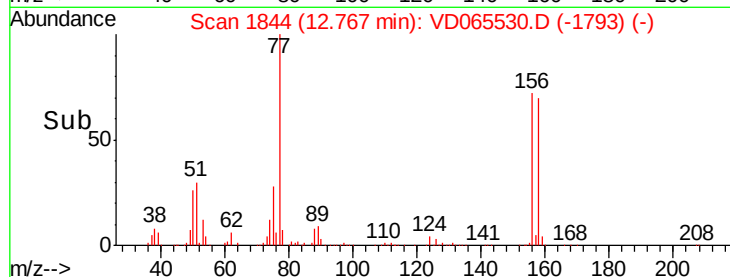
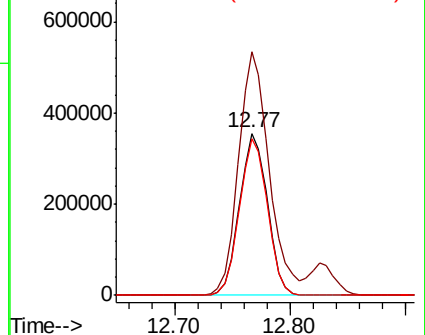
158 97.3 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 101.011 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065530.D

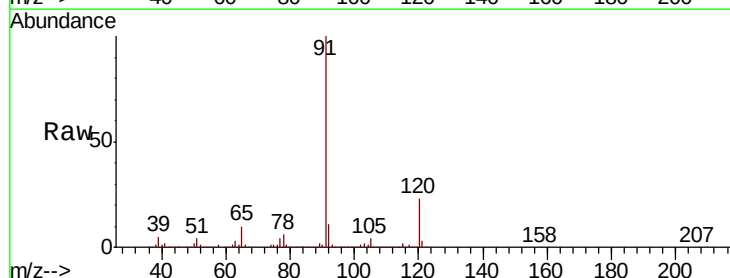
Acq: 26 Mar 2020 17:30

Tgt Ion: 91 Resp: 2812894

Ion Ratio Lower Upper

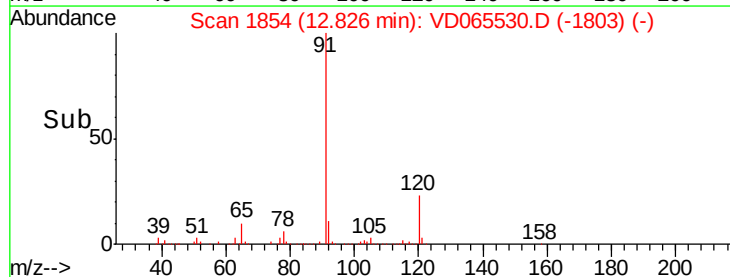
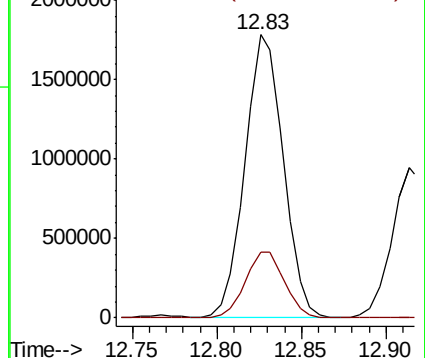
91 100

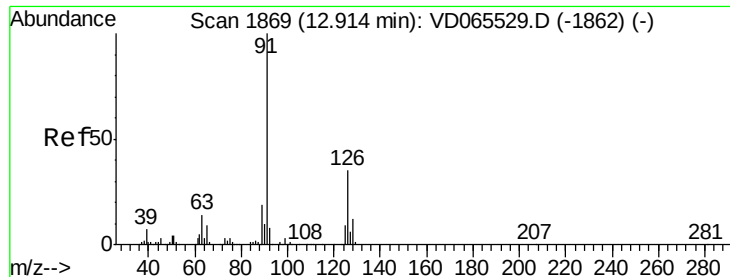
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

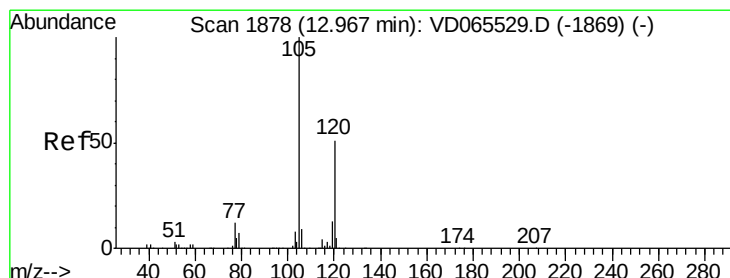
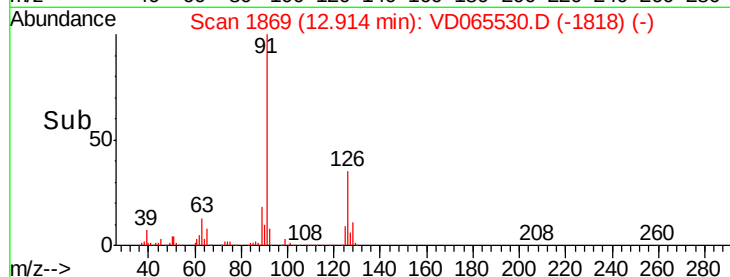
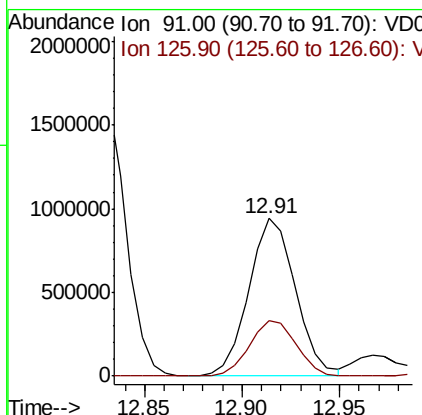
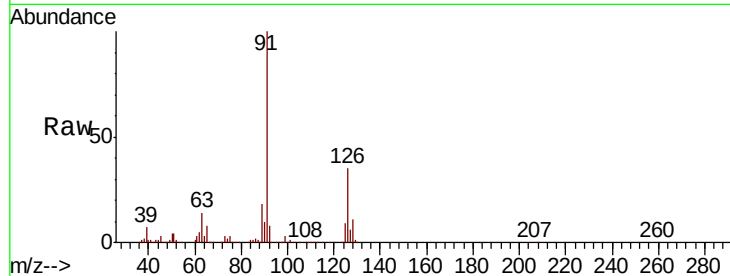




#79
 2-Chlorotoluene
 Concen: 99.132 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

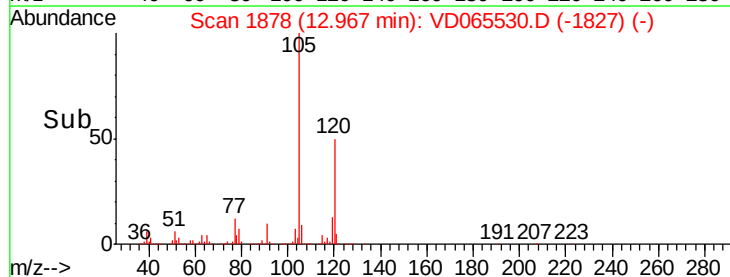
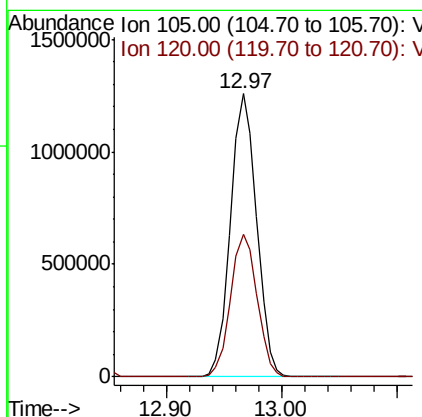
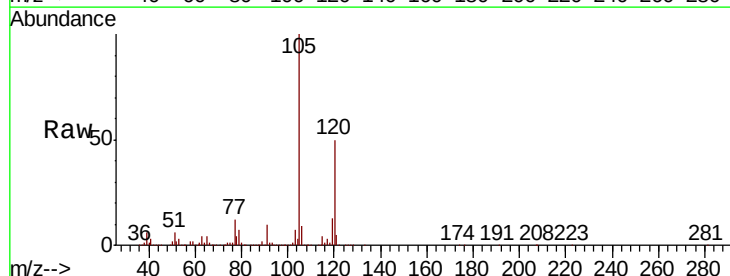
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

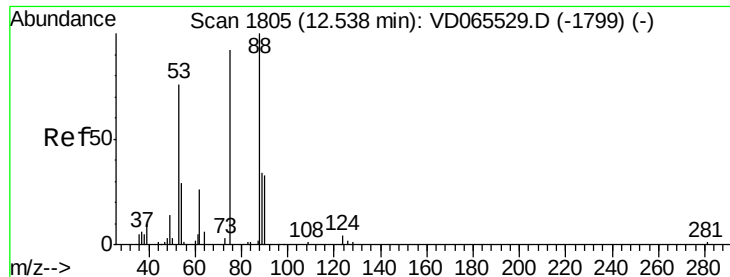
Tot Ion: 91 Resp: 1559099
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 102.329 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion:105 Resp: 1969087
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 100.764 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.01 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

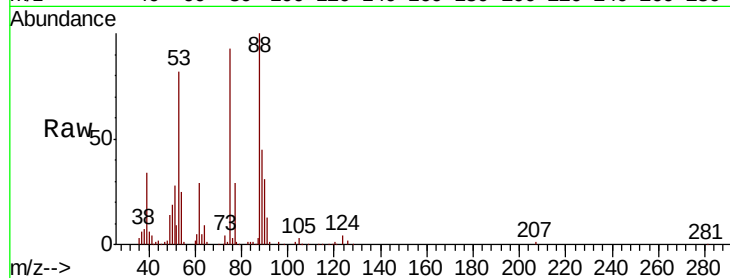
Tot Ion: 75 Resp: 134876

Ion Ratio Lower Upper

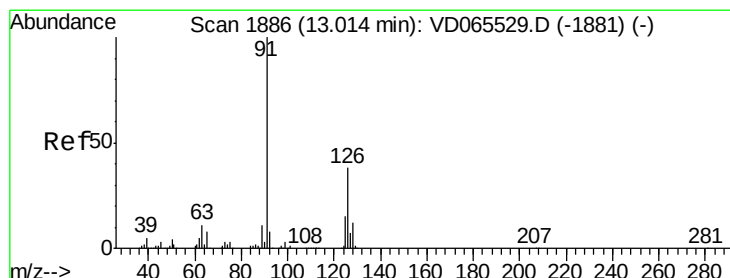
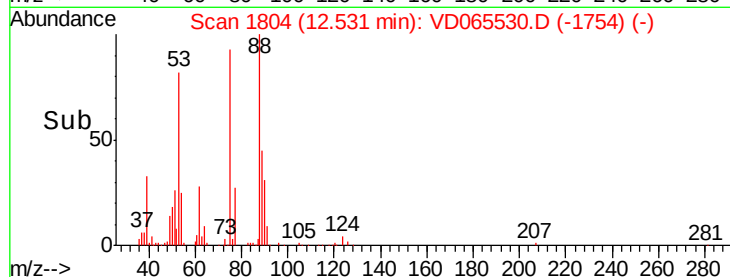
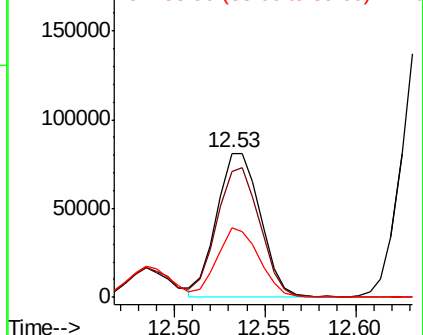
75 100

53 89.2 72.4 108.6

89 46.8 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 98.320 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VD065530.D

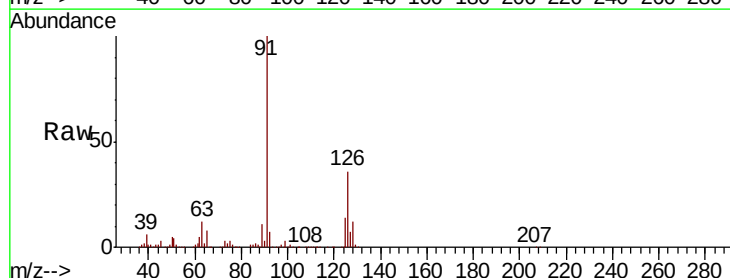
Acq: 26 Mar 2020 17:30

Tgt Ion: 91 Resp: 1623503

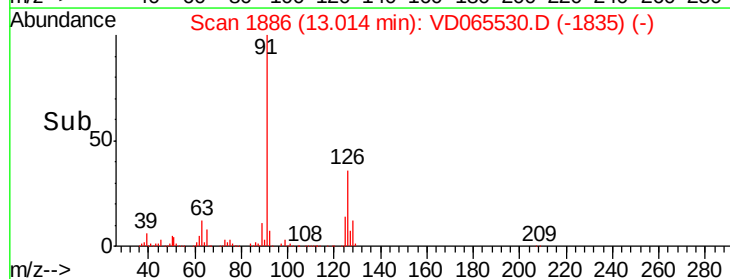
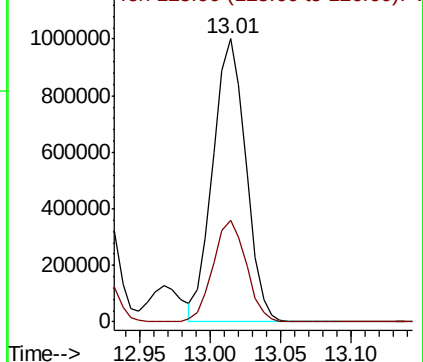
Ion Ratio Lower Upper

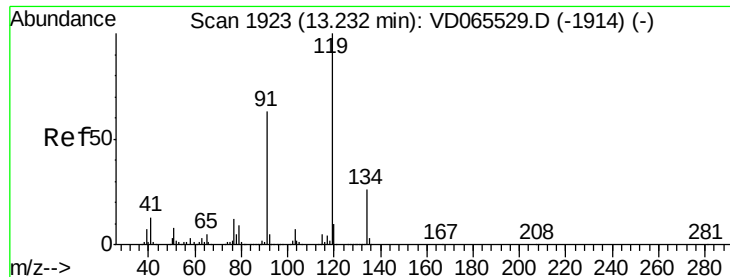
91 100

126 36.2 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 103.022 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

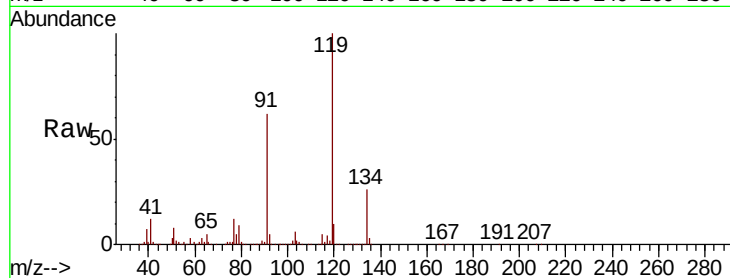
Tot Ion:119 Resp: 1680886

Ion Ratio Lower Upper

119 100

91 61.9 31.4 94.0

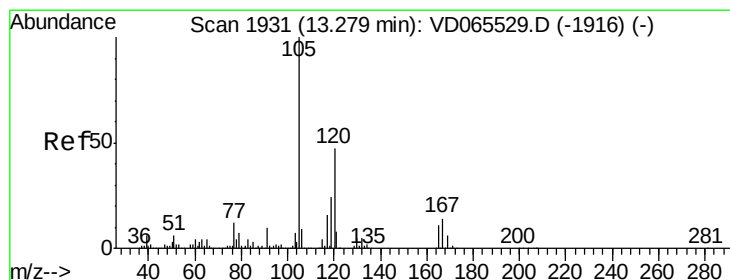
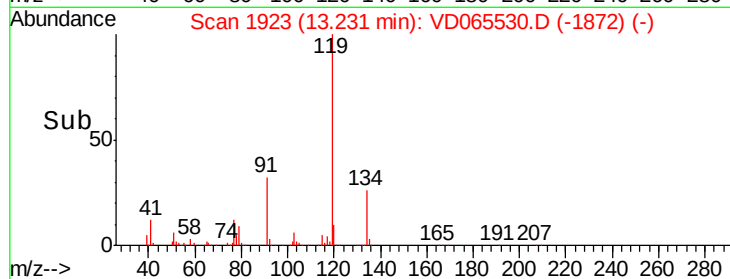
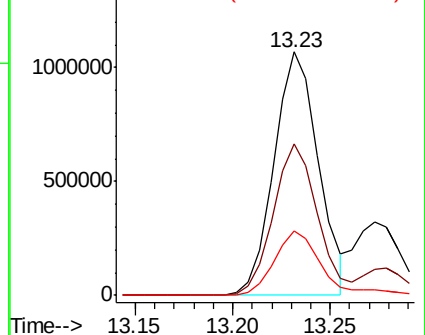
134 28.1 13.9 41.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 102.922 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. -0.00 min

Lab File: VD065530.D

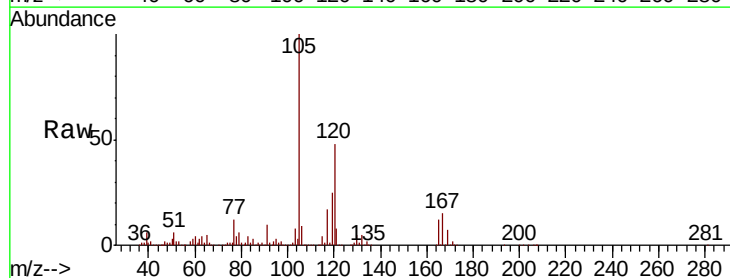
Acq: 26 Mar 2020 17:30

Tgt Ion:105 Resp: 1957195

Ion Ratio Lower Upper

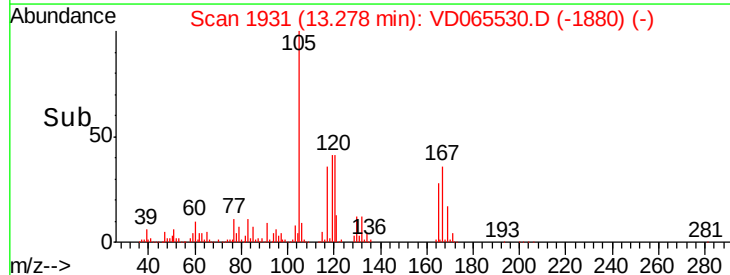
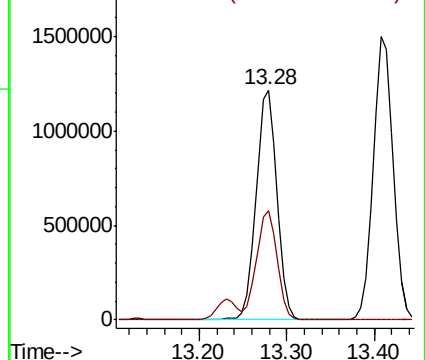
105 100

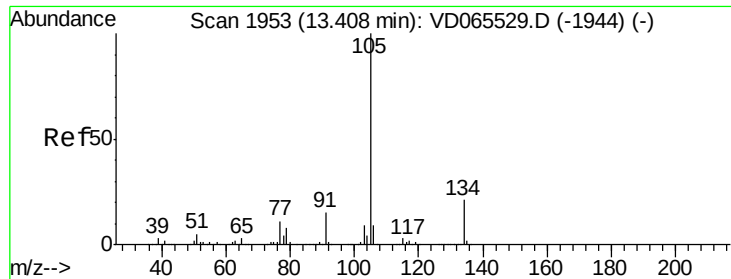
120 47.5 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 101.822 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

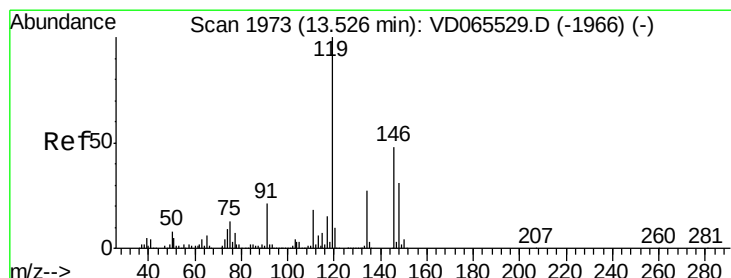
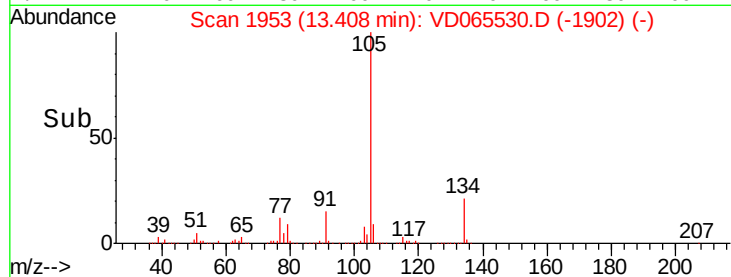
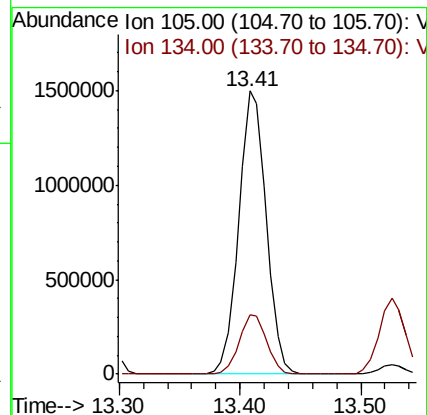
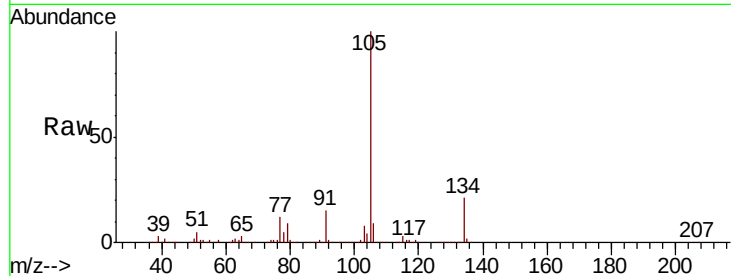
VSTDIC100

Tot Ion:105 Resp: 2361826

Ion Ratio Lower Upper

105 100

134 21.2 10.6 31.8



#86

p-Isopropyltoluene

Concen: 103.605 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

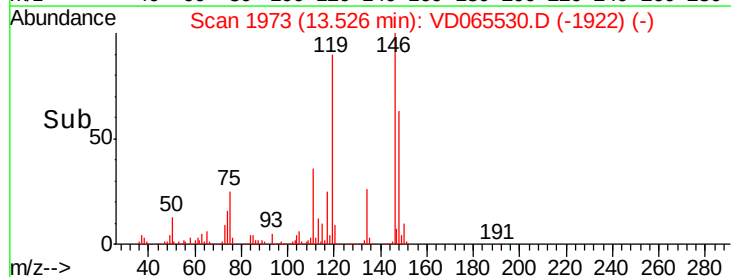
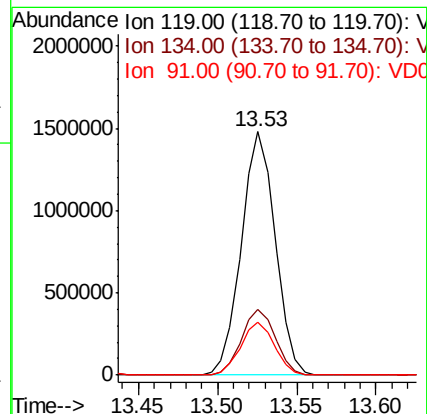
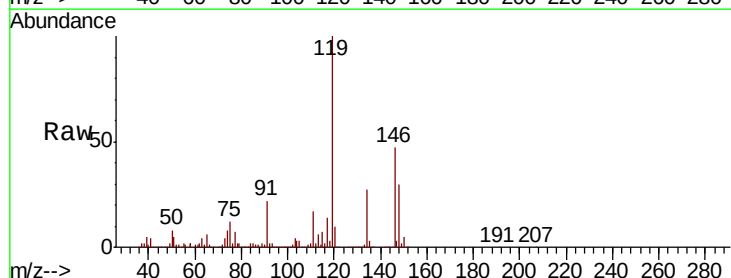
Tgt Ion:119 Resp: 2195518

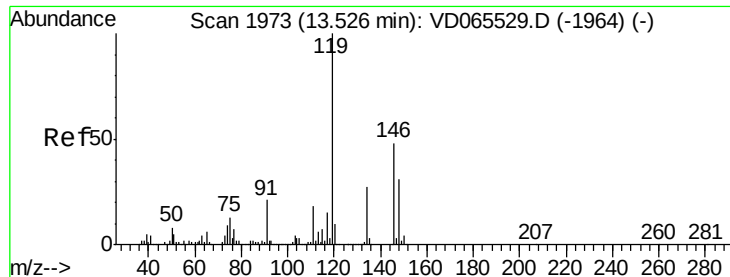
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.5

91 21.7 10.8 32.3



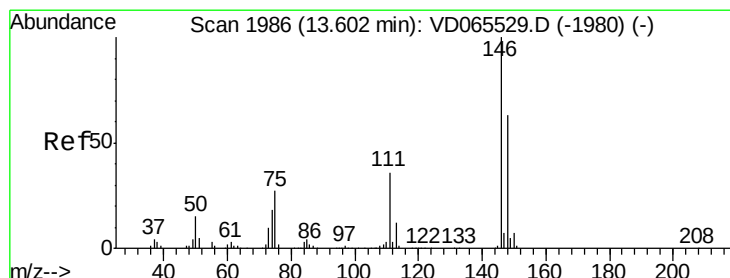
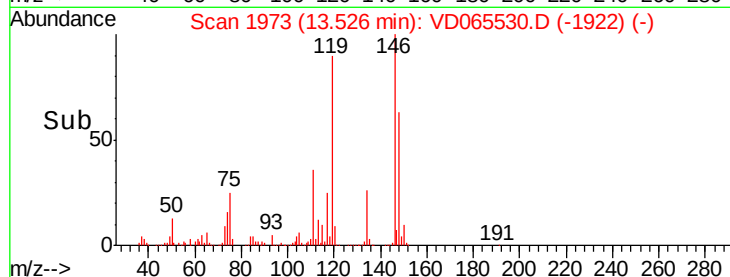
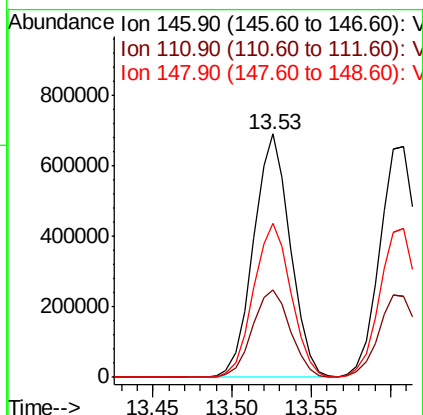
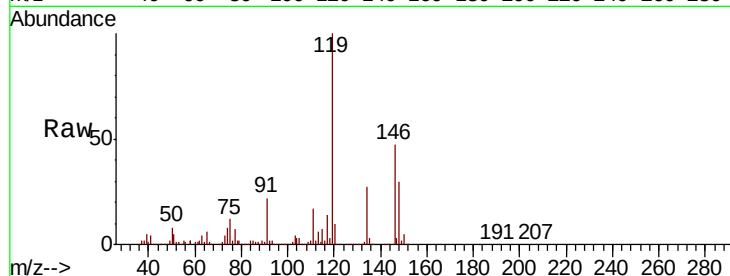


#87
 1,3-Dichlorobenzene
 Concen: 98.626 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion:146 Resp: 1113437

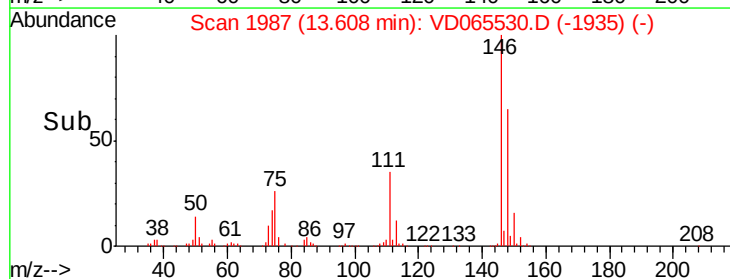
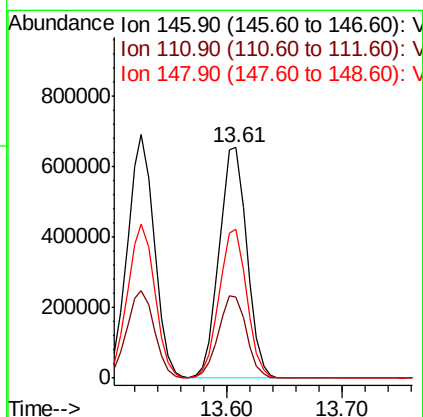
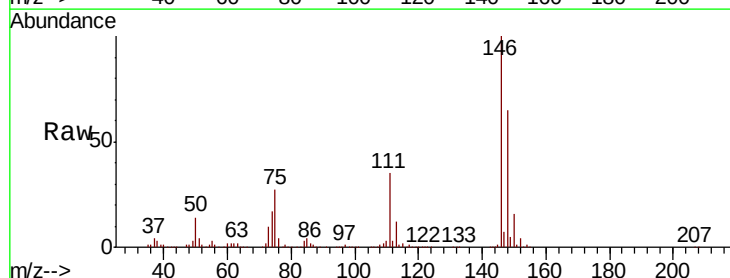
Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.5	55.5
148	64.5	31.8	95.4

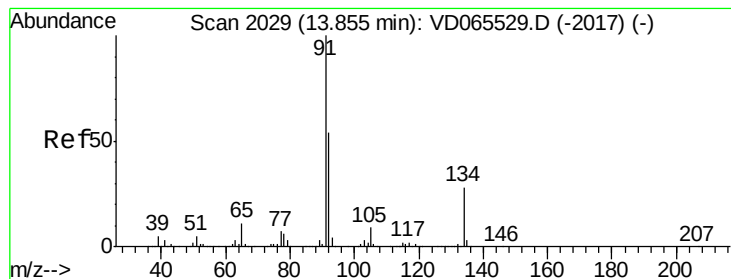


#88
 1,4-Dichlorobenzene
 Concen: 97.297 ug/l
 RT: 13.61 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion:146 Resp: 1093486

Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.0	54.0
148	64.2	31.6	94.8





#89

n-Butylbenzene

Concen: 101.461 ug/l

RT: 13.85 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VD065530.D

Acq: 26 Mar 2020 17:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

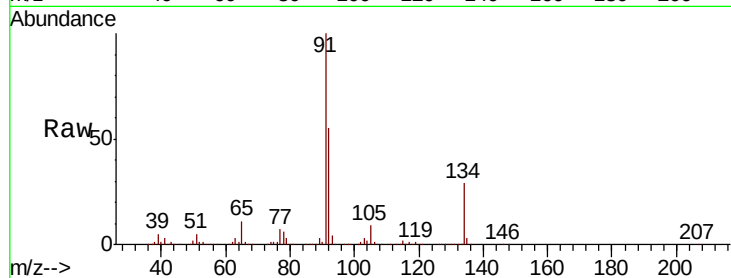
Tot Ion: 91 Resp: 1979304

Ion Ratio Lower Upper

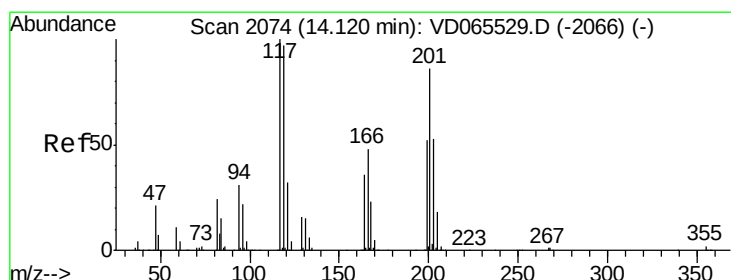
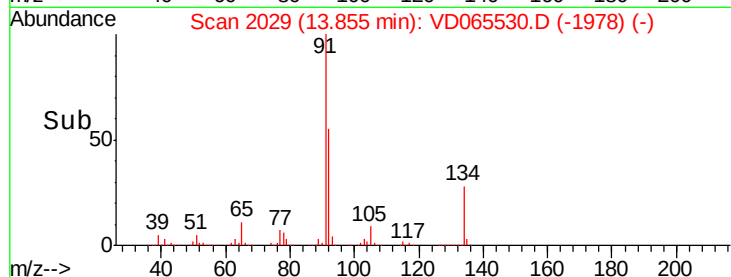
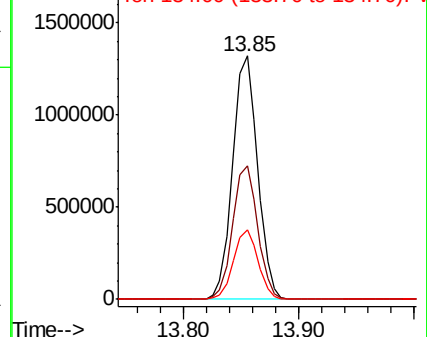
91 100

92 54.9 26.8 80.4

134 28.2 13.7 41.0



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



#90

Hexachloroethane

Concen: 96.854 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. -0.00 min

Lab File: VD065530.D

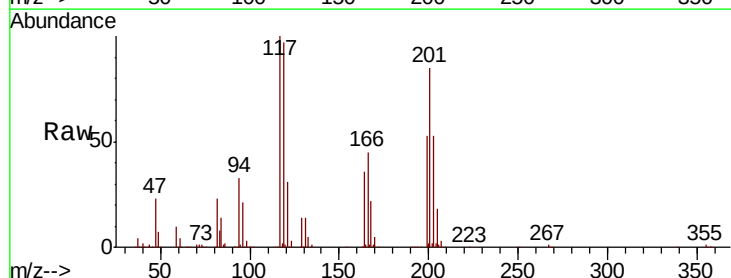
Acq: 26 Mar 2020 17:30

Tgt Ion: 117 Resp: 423019

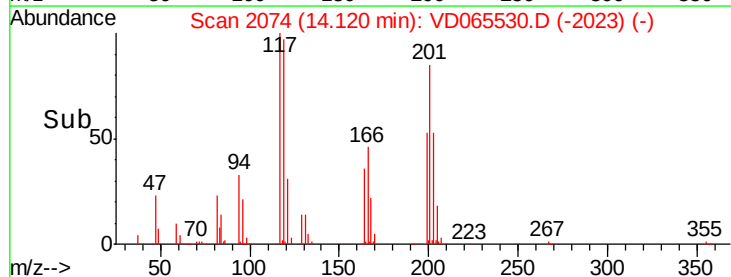
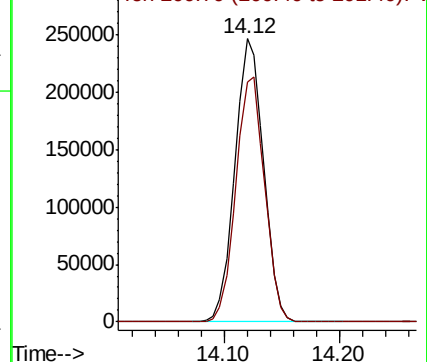
Ion Ratio Lower Upper

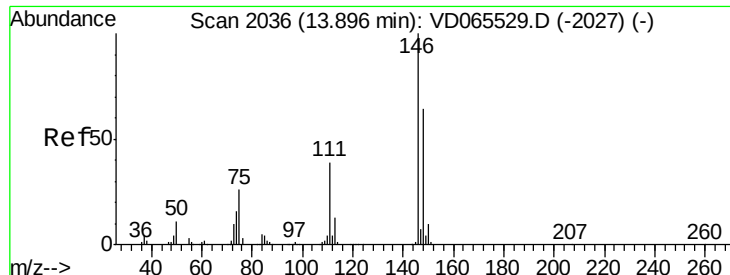
117 100

201 87.1 43.9 131.6



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

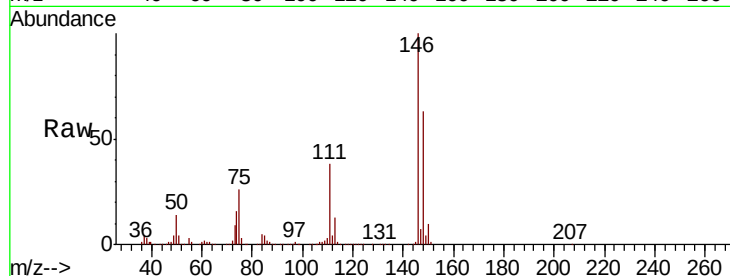




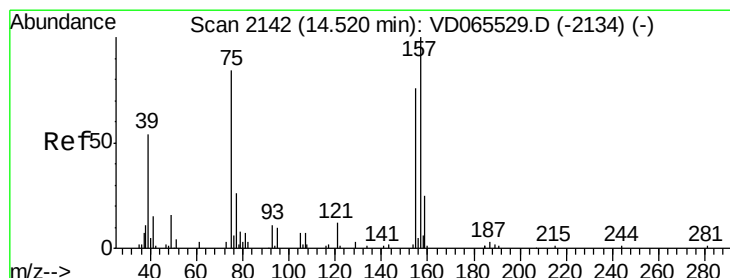
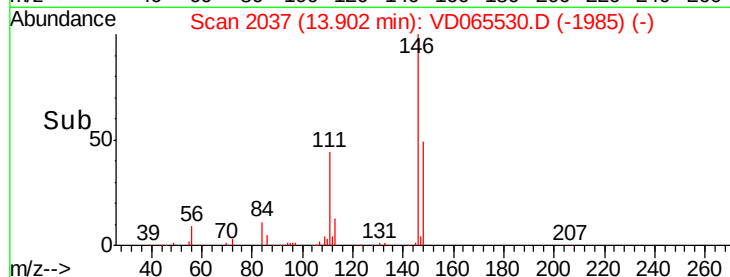
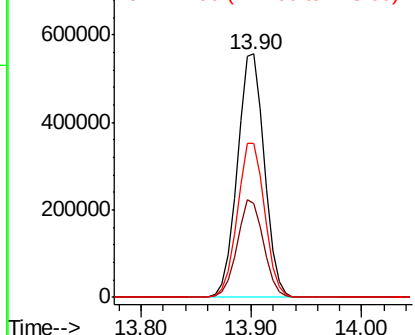
#91
 1,2-Dichlorobenzene
 Concen: 99.661 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.4
148	64.0	32.1	96.5

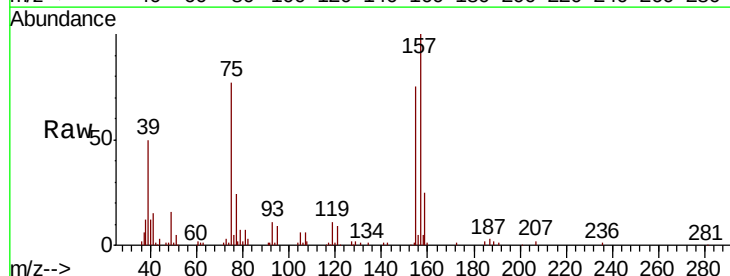


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

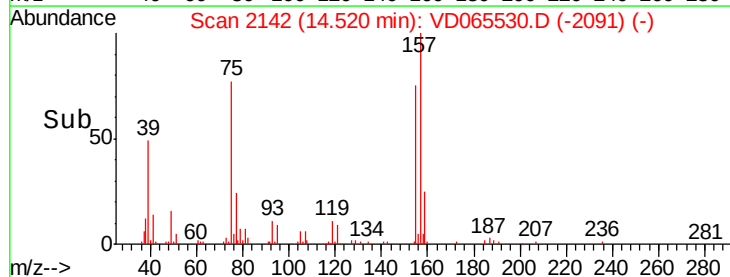
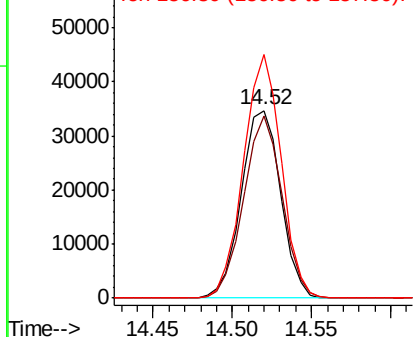


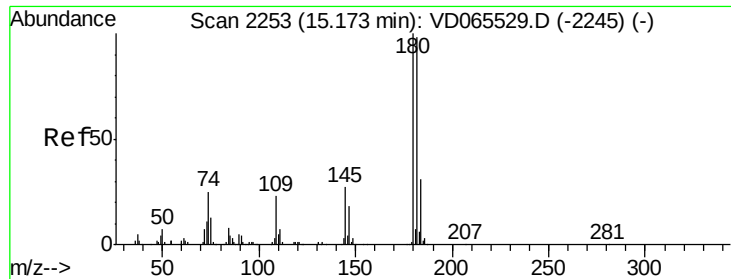
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 95.423 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.2	138.6
157	123.9	57.9	173.7



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

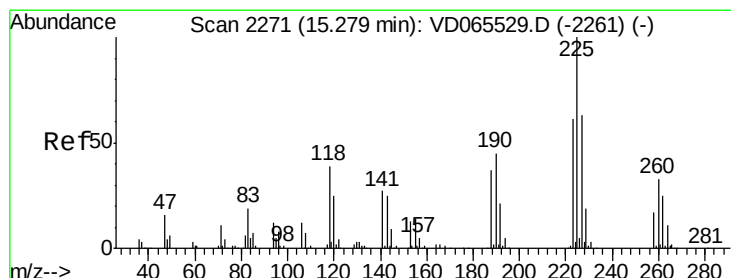
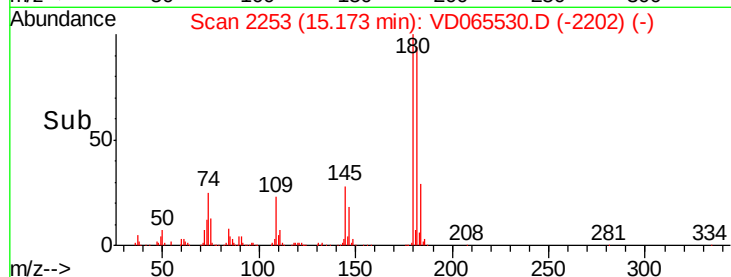
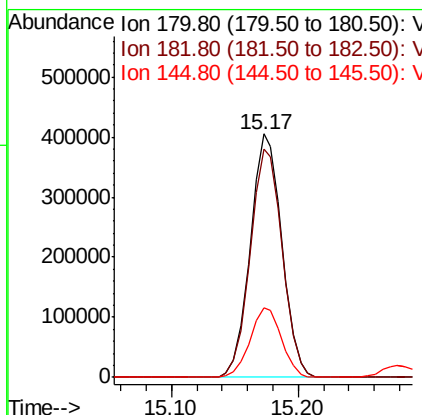
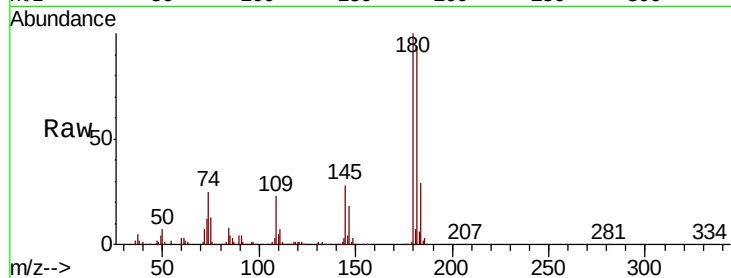




#93
 1,2,4-Trichlorobenzene
 Concen: 107.471 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

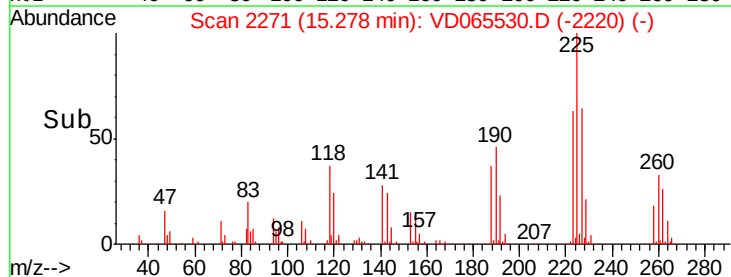
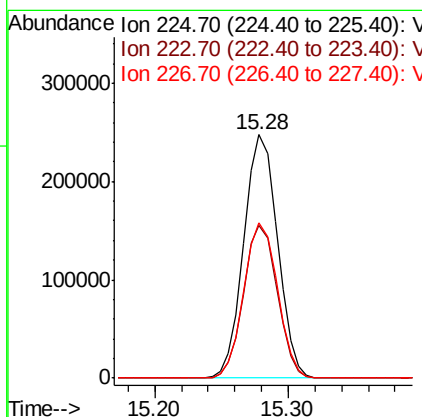
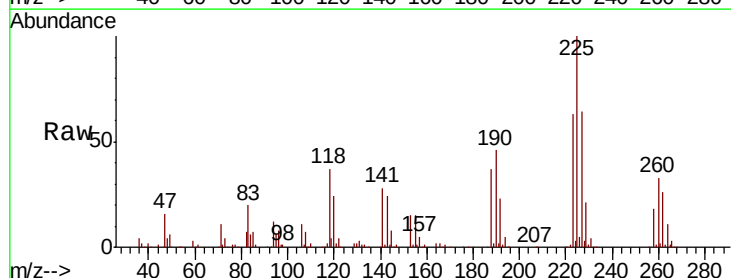
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

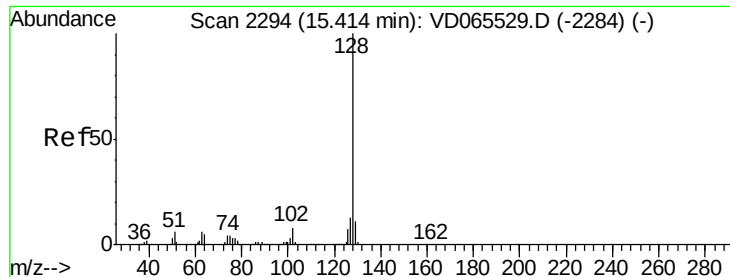
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.3
145	28.5	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 101.492 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VD065530.D
 Acq: 26 Mar 2020 17:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.2	93.6
227	64.0	32.3	96.9

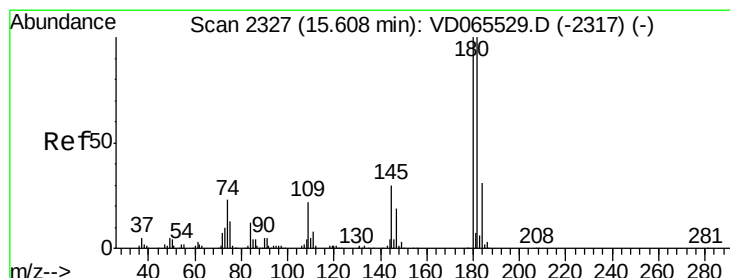
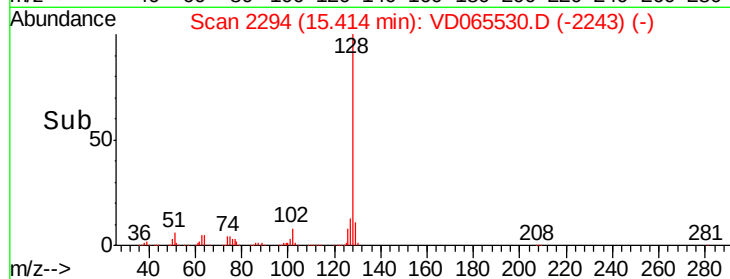
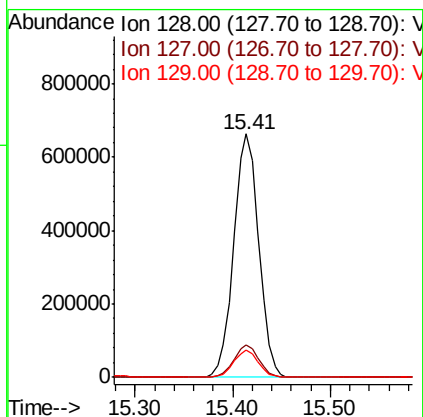
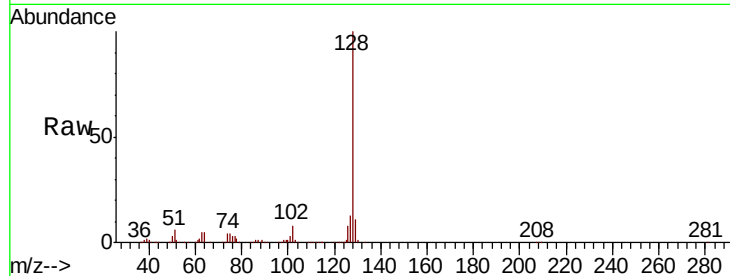




#95
Naphthalene
Concen: 112.840 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1173188
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 108.679 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. -0.00 min
Lab File: VD065530.D
Acq: 26 Mar 2020 17:30

Tgt Ion:180 Resp: 612456
Ion Ratio Lower Upper
180 100
182 94.2 48.1 144.3
145 29.9 15.0 45.0

