

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022420\
 Data File : VD065299.D
 Acq On : 24 Feb 2020 17:21
 Operator : VA/SY
 Sample : L1635-12MS
 Misc : 6.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 01:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	361771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	547394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	461639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	162226	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	7.92	113	172498	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.34	98	628966	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.64	95	170488	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	156555	51.595	ug/l	100
3) Chloromethane	2.21	50	185176	47.946	ug/l	99
4) Vinyl Chloride	2.35	62	186502	47.489	ug/l	96
5) Bromomethane	2.77	94	112386	47.330	ug/l	97
6) Chloroethane	2.93	64	117070	48.836	ug/l	99
7) Trichlorofluoromethane	3.27	101	274334	48.791	ug/l	99
8) Diethyl Ether	3.70	74	86105	50.733	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	161894	45.595	ug/l	99
10) Methyl Iodide	4.30	142	187187	50.774	ug/l	99
11) Tert butyl alcohol	5.24	59	39935	205.345	ug/l	99
12) 1,1-Dichloroethene	4.06	96	165941	49.473	ug/l	99
13) Acrolein	3.93	56	21742	70.234	ug/l	92
14) Allyl chloride	4.71	41	273057	50.131	ug/l	98
15) Acrylonitrile	5.43	53	177267	235.912	ug/l	99
16) Acetone	4.16	43	131861	165.745	ug/l	96
17) Carbon Disulfide	4.40	76	523528	46.556	ug/l	98
18) Methyl Acetate	4.73	43	314232	175.618	ug/l	97
19) Methyl tert-butyl Ether	5.49	73	355873	50.878	ug/l	96
20) Methylene Chloride	4.96	84	198792	56.752	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	189765	49.767	ug/l	98
22) Diisopropyl ether	6.37	45	510024	48.572	ug/l	95
23) Vinyl Acetate	6.37	43	295968	51.128	ug/l #	73
24) 1,1-Dichloroethane	6.27	63	326971	50.203	ug/l	99
25) 2-Butanone	7.23	43	203008	201.684	ug/l	99
26) 2,2-Dichloropropane	7.21	77	269874	47.758	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	198883	49.241	ug/l	99
28) Bromochloromethane	7.55	49	132710	54.923	ug/l	97
29) Tetrahydrofuran	7.57	42	138097	234.154	ug/l	100
30) Chloroform	7.71	83	331397	50.505	ug/l	100
31) Cyclohexane	7.98	56	247563	38.687	ug/l	98
32) 1,1,1-Trichloroethane	7.91	97	283295	48.255	ug/l	99
36) 1,1-Dichloropropene	8.11	75	244830	45.967	ug/l	100
37) Ethyl Acetate	7.30	43	54821	24.621	ug/l #	80
38) Carbon Tetrachloride	8.10	117	247641	45.674	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196144	31.325	ug/l	99
40) Benzene	8.36	78	734789	48.876	ug/l	97
41) Methacrylonitrile	7.53	41	54909	42.710	ug/l	99
42) 1,2-Dichloroethane	8.43	62	198792	48.099	ug/l	100
43) Isopropyl Acetate	8.46	43	127720	31.544	ug/l #	91
44) Trichloroethene	9.11	130	192946	46.300	ug/l	93
45) 1,2-Dichloropropane	9.39	63	187134	50.059	ug/l	99
46) Dibromomethane	9.48	93	91929	47.795	ug/l	98
47) Bromodichloromethane	9.67	83	243980	48.133	ug/l	98
48) Methyl methacrylate	9.46	41	123995	66.252	ug/l	98
49) 1,4-Dioxane	9.47	88	20436	905.909	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	468409	227.767	ug/l	99
52) Toluene	10.41	92	447379	48.077	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	223258	47.518	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	274942	48.461	ug/l	99
55) 1,1,2-Trichloroethane	10.81	97	129452	47.818	ug/l	99
56) Ethyl methacrylate	10.67	69	86647	27.730	ug/l	94
57) 1,3-Dichloropropane	10.95	76	224048	48.626	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.95	63	220447	223.775	ug/l	99
59) 2-Hexanone	10.99	43	303276	206.010	ug/l	96
60) Dibromochloromethane	11.14	129	165043	47.632	ug/l	100
61) 1,2-Dibromoethane	11.26	107	121245	47.302	ug/l	99
64) Tetrachloroethene	10.88	164	147917	45.178	ug/l	94
65) Chlorobenzene	11.67	112	434094	46.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	172201	49.811	ug/l	99
67) Ethyl Benzene	11.75	91	759522	46.812	ug/l	99
68) m/p-Xylenes	11.86	106	589179	94.914	ug/l	99
69) o-Xylene	12.19	106	267175	48.582	ug/l	99
70) Styrene	12.20	104	456233	46.725	ug/l	99
71) Bromoform	12.37	173	91330	47.609	ug/l #	100
73) Isopropylbenzene	12.48	105	636095	54.174	ug/l	99
74) N-amyl acetate	12.30	43	25693	9.848	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.74	83	128226	60.509	ug/l	100
76) 1,2,3-Trichloropropane	12.80	75	161312	106.900	ug/l #	100
77) Bromobenzene	12.77	156	169217	58.037	ug/l	100
78) n-propylbenzene	12.83	91	698965	49.535	ug/l	99
79) 2-Chlorotoluene	12.91	91	411767	52.091	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	494099	51.091	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	40657	58.175	ug/l	94
82) 4-Chlorotoluene	13.01	91	430141	51.256	ug/l	99
83) tert-Butylbenzene	13.23	119	387953	47.863	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	495992	51.240	ug/l	99
85) sec-Butylbenzene	13.41	105	469474	40.196	ug/l	100
86) p-Isopropyltoluene	13.53	119	441993	41.382	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	255123	45.261	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	253494	45.567	ug/l	99
89) n-Butylbenzene	13.86	91	315564	32.062	ug/l	99
90) Hexachloroethane	14.12	117	87639	40.411	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	223480	46.175	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16775	51.368	ug/l	93

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration

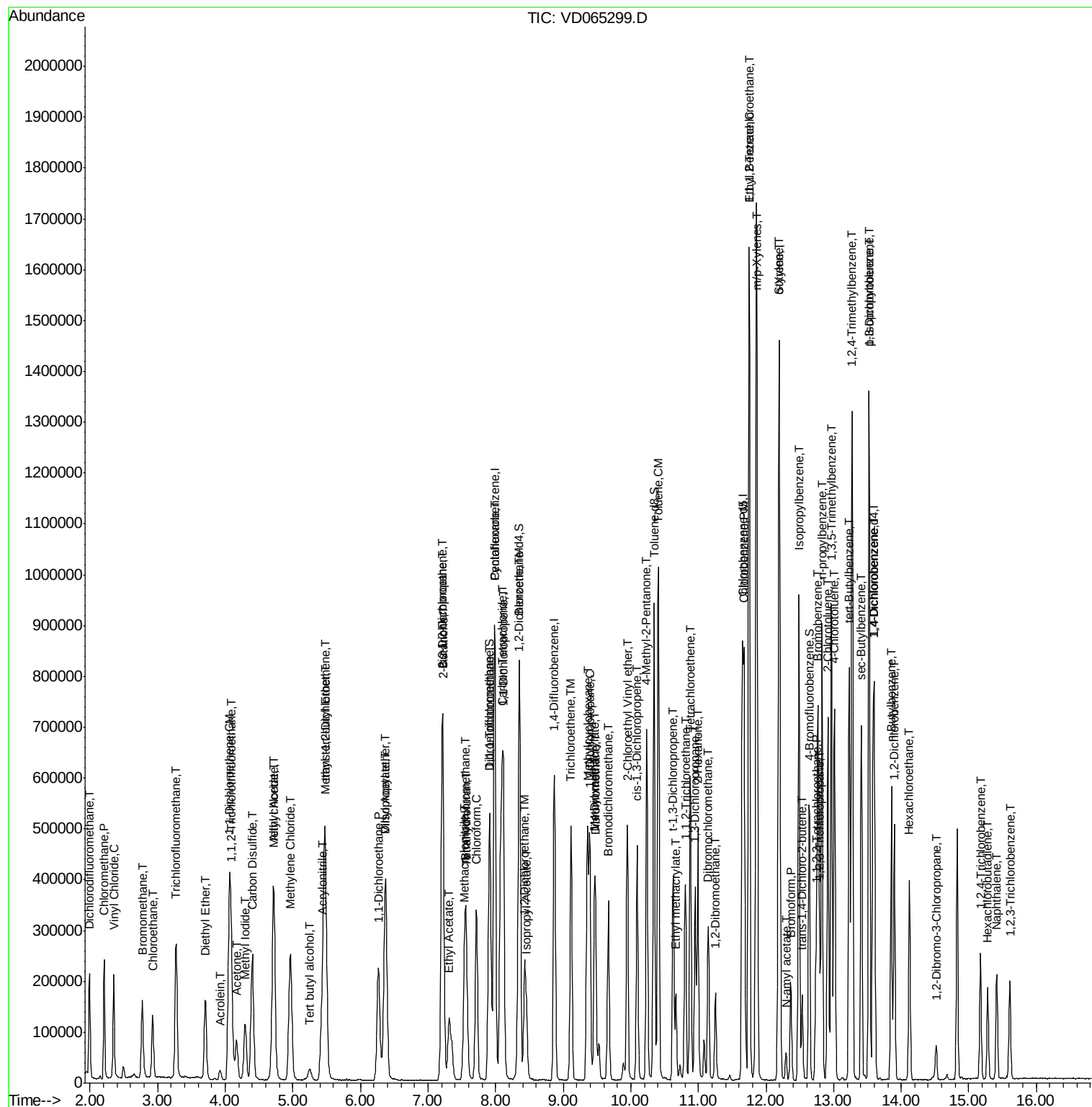
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.18	180	86916	27.455	ug/l	96
94) Hexachlorobutadiene	15.28	225	37128	18.282	ug/l	98
95) Naphthalene	15.41	128	184727	35.893	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	72167	26.101	ug/l	98

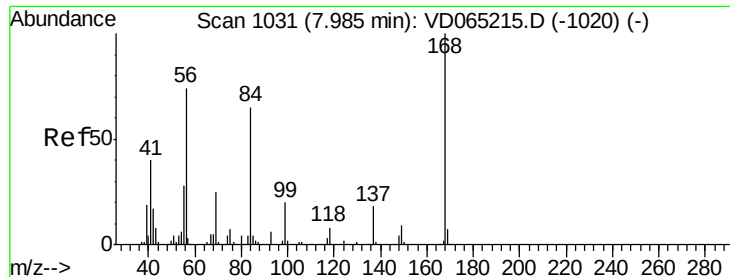
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:26:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

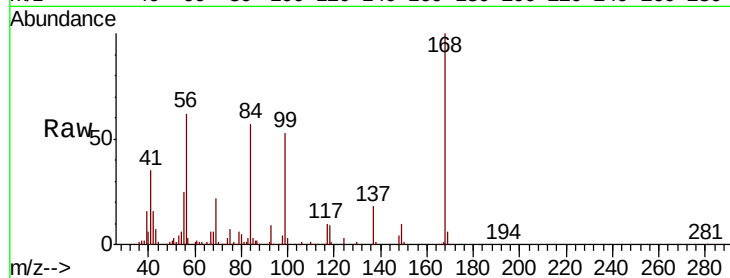
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 361771

Ion Ratio Lower Upper

168 100

99 52.8 41.4 62.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

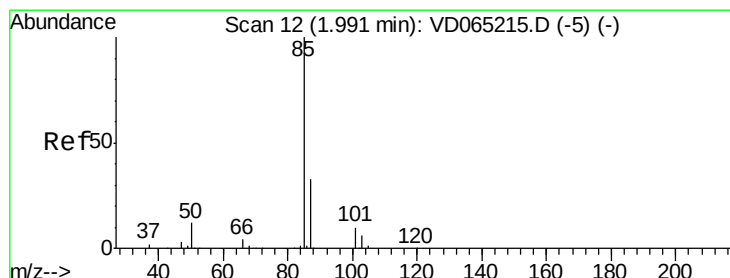
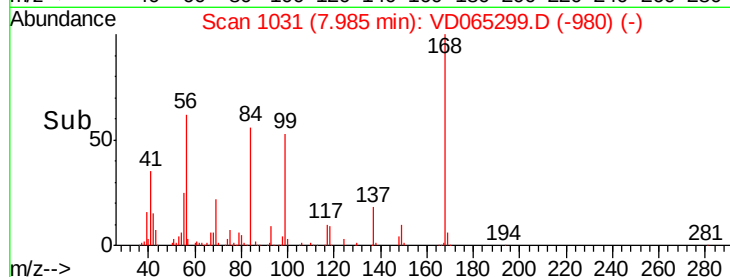
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.595 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.00 min

Lab File: VD065299.D

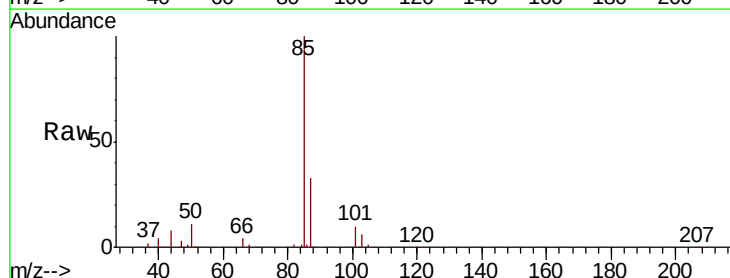
Acq: 24 Feb 2020 17:21

Tgt Ion: 85 Resp: 156555

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

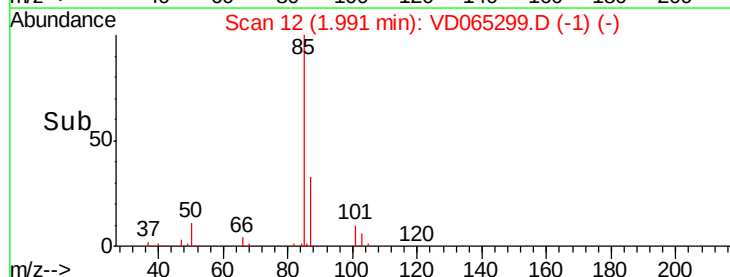
1.99

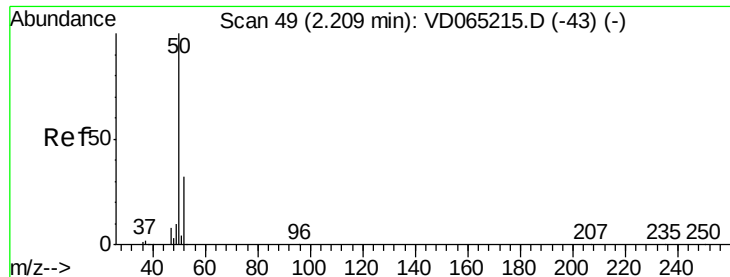
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.946 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

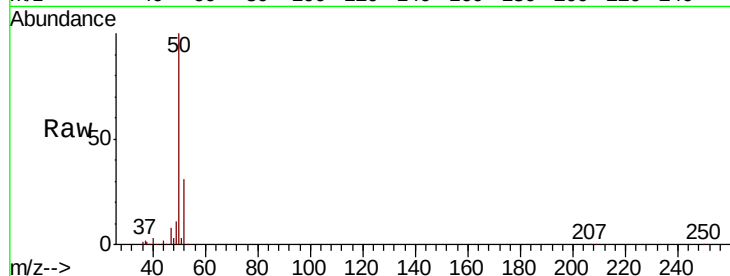
ClientSampleId :

Tot Ion: 50 Resp: 185176

Ion Ratio Lower Upper

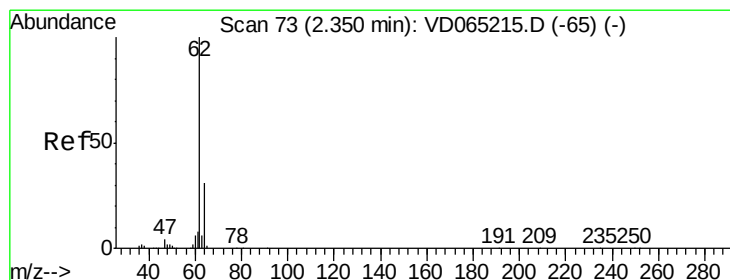
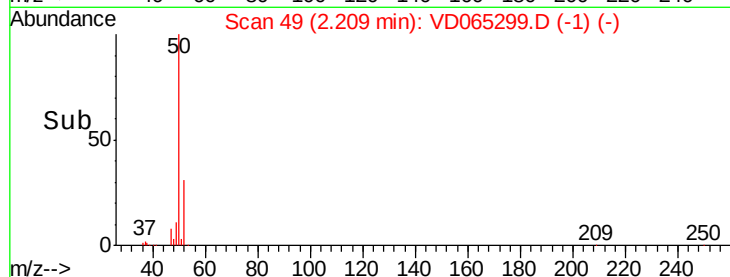
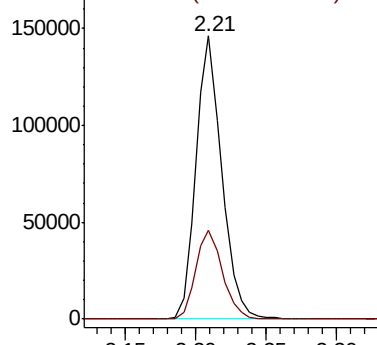
50 100

52 31.5 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 47.489 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD065299.D

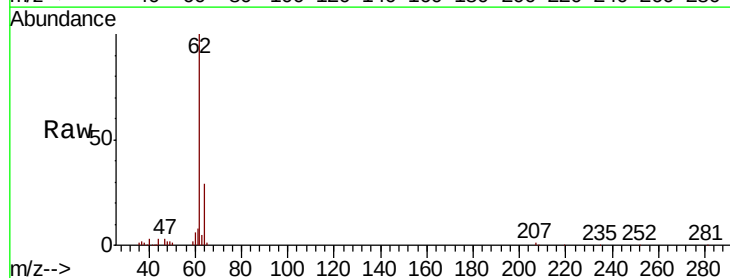
Acq: 24 Feb 2020 17:21

Tgt Ion: 62 Resp: 186502

Ion Ratio Lower Upper

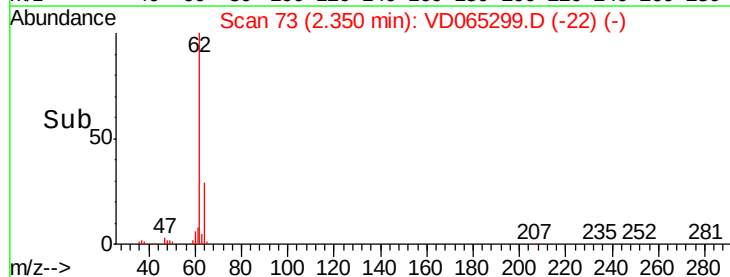
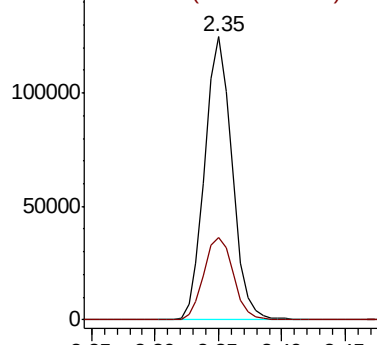
62 100

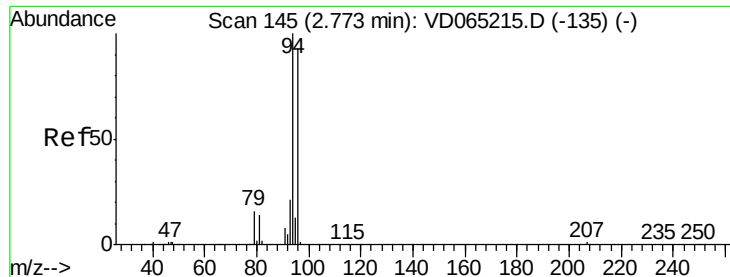
64 29.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.330 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

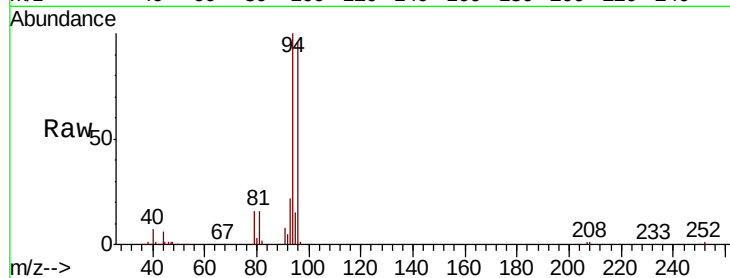
ClientSampleId :

Tot Ion: 94 Resp: 112386

Ion Ratio Lower Upper

94 100

96 95.5 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.77

60000

50000

40000

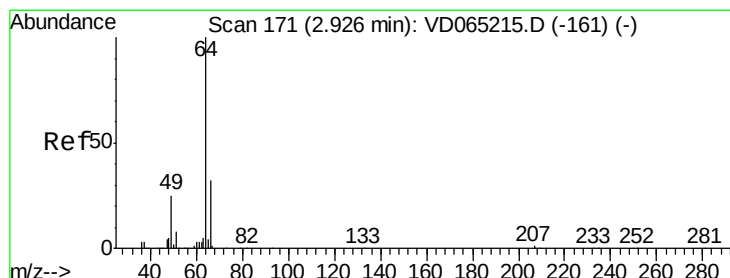
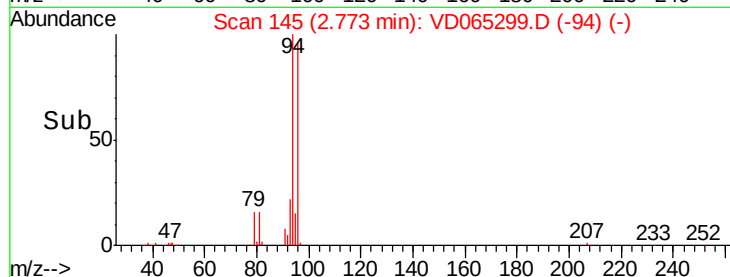
30000

20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 48.836 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD065299.D

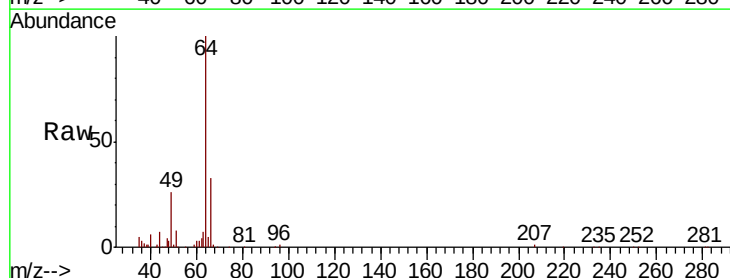
Acq: 24 Feb 2020 17:21

Tgt Ion: 64 Resp: 117070

Ion Ratio Lower Upper

64 100

66 32.7 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.93

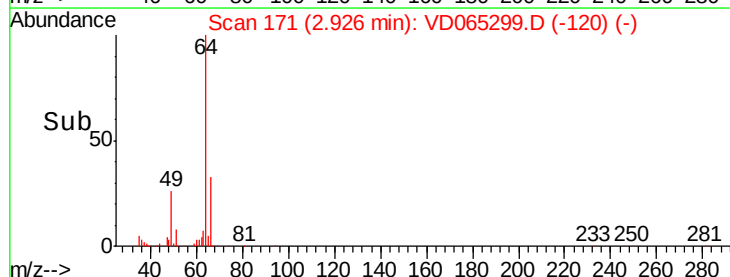
60000

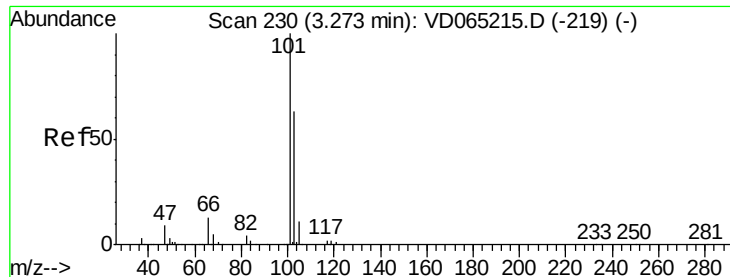
40000

20000

0

Time--> 2.80 2.90 3.00



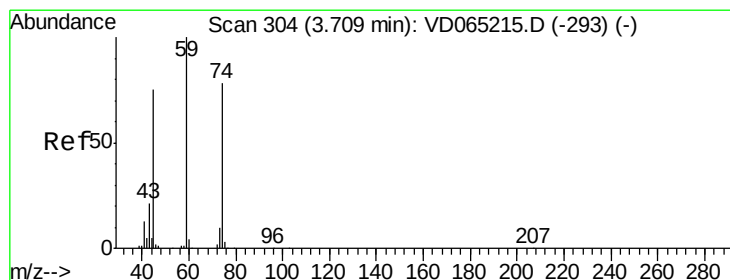
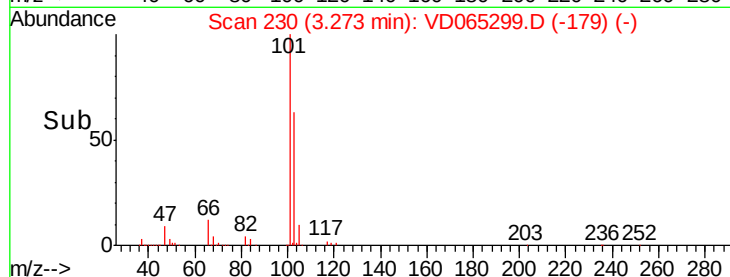
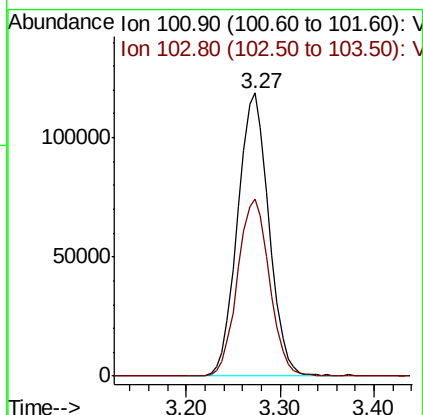
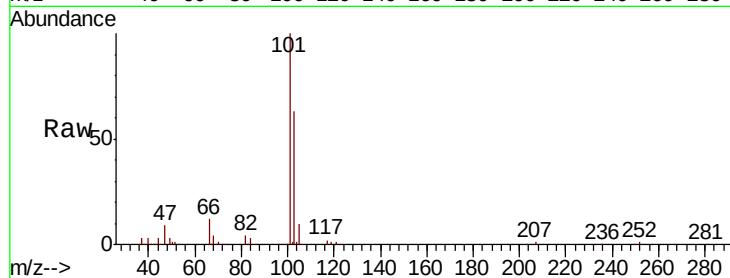


#7

Trichlorofluoromethane
 Concen: 48.791 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :

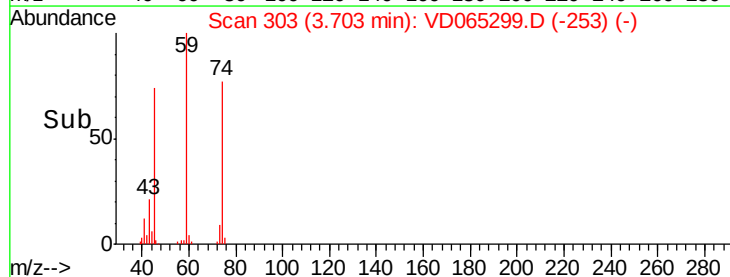
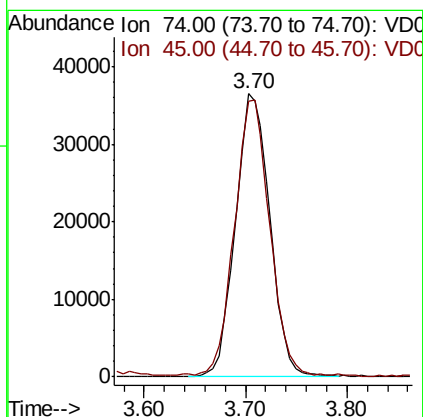
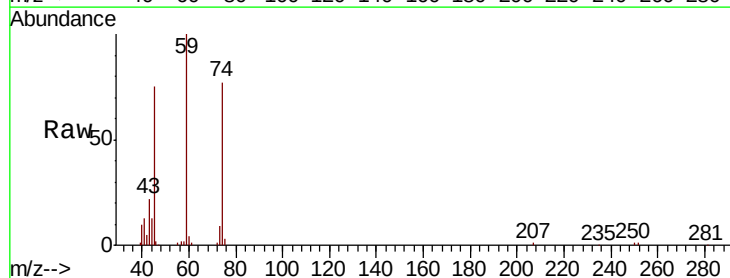
Tot Ion:101 Resp: 274334
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1

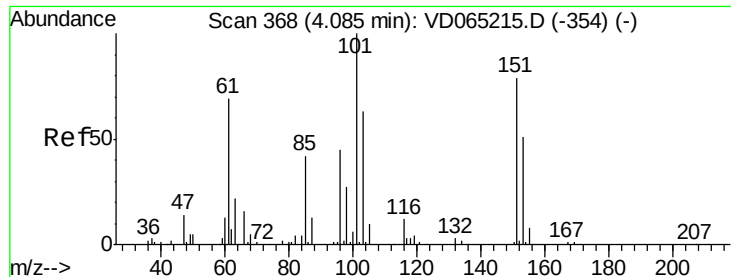


#8

Diethyl Ether
 Concen: 50.733 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion: 74 Resp: 86105
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.595 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

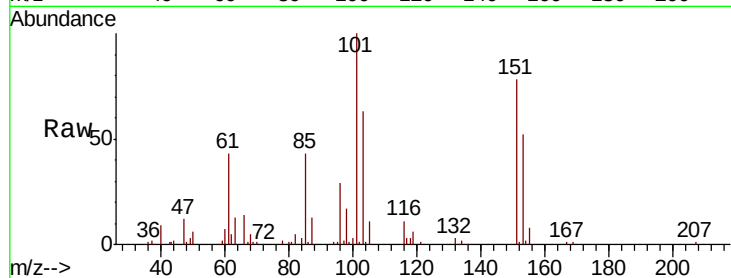
Tot Ion:101 Resp: 161894

Ion Ratio Lower Upper

101 100

85 41.7 34.2 51.2

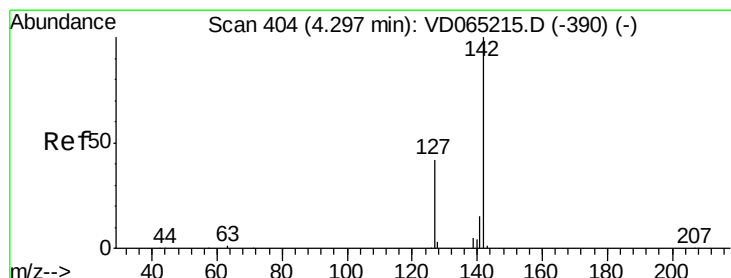
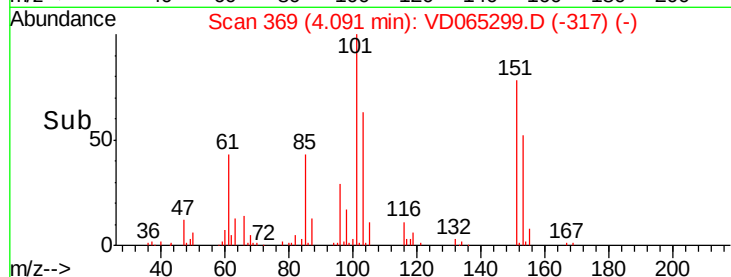
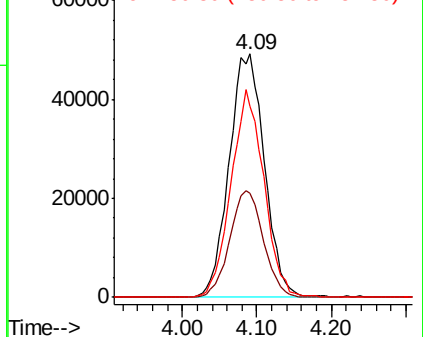
151 78.9 63.5 95.3



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: 50.774 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

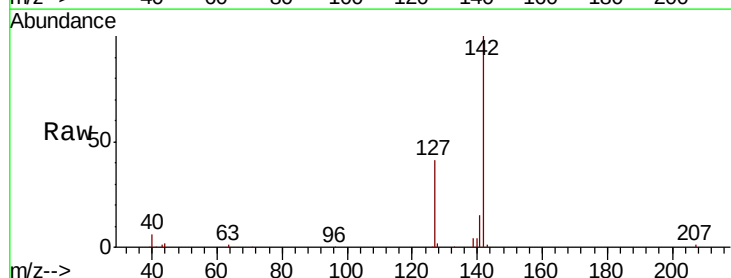
Tgt Ion:142 Resp: 187187

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.8

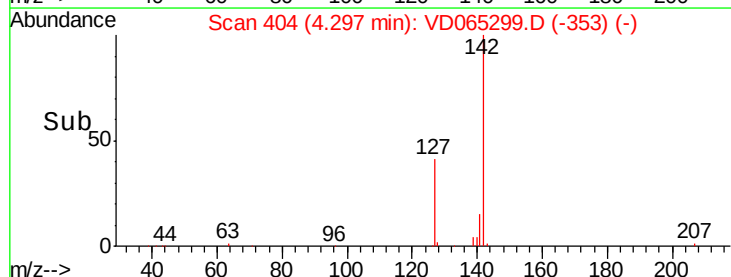
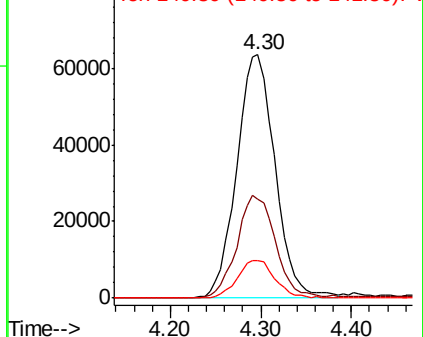
141 15.0 11.7 17.5

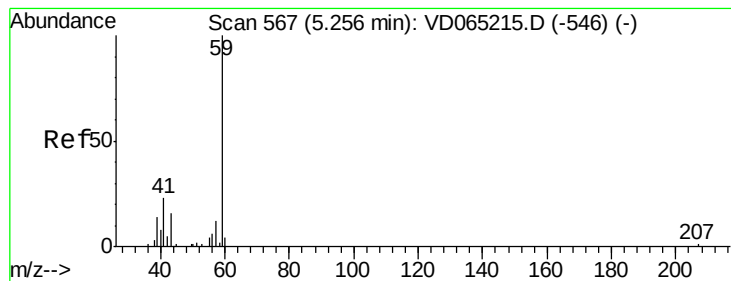


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



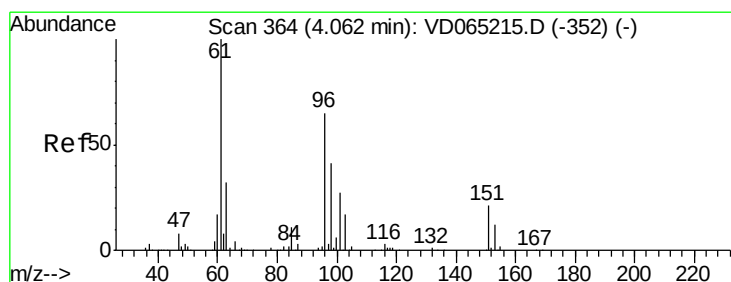
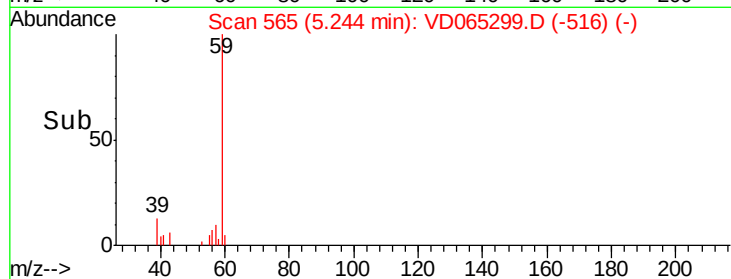
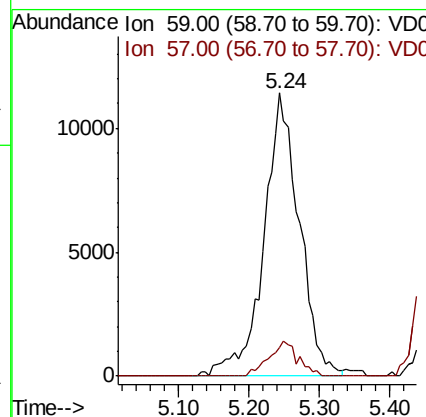
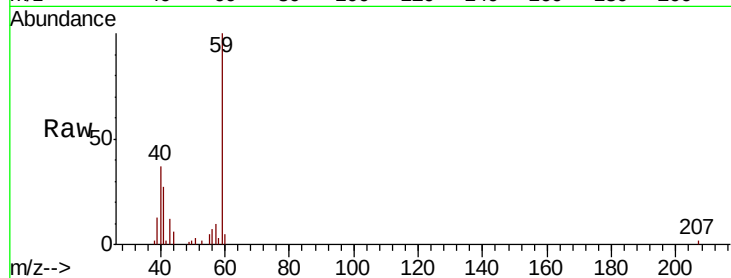


#11

Tert butyl alcohol
Concen: 205.345 ug/l
RT: 5.24 min Scan# 565
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :

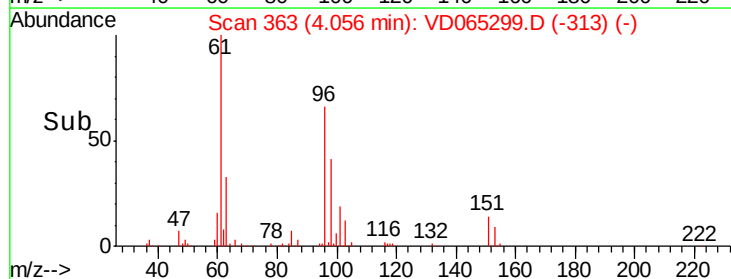
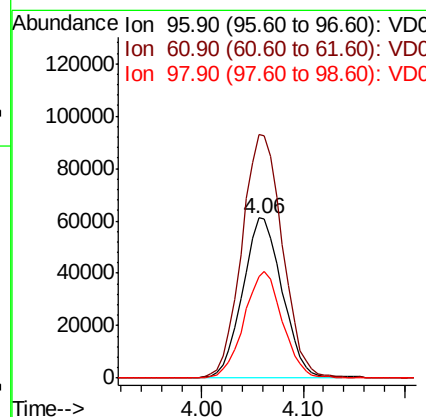
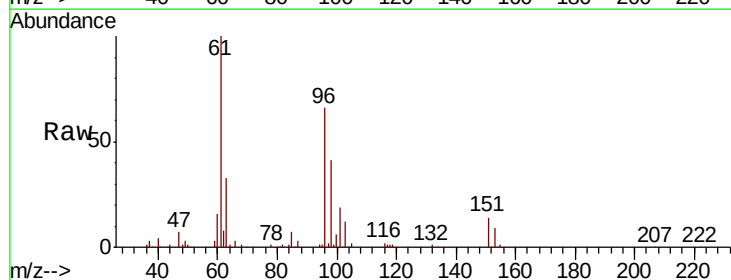
Tot Ion: 59 Resp: 39935
Ion Ratio Lower Upper
59 100
57 10.1 8.4 12.6

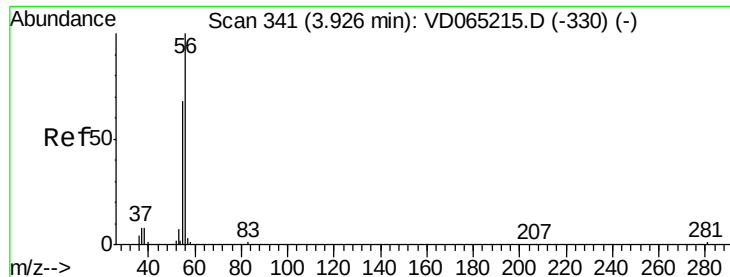


#12

1,1-Dichloroethene
Concen: 49.473 ug/l
RT: 4.06 min Scan# 363
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 96 Resp: 165941
Ion Ratio Lower Upper
96 100
61 152.2 123.3 184.9
98 63.1 51.0 76.4





#13

Acrolein

Concen: 70.234 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

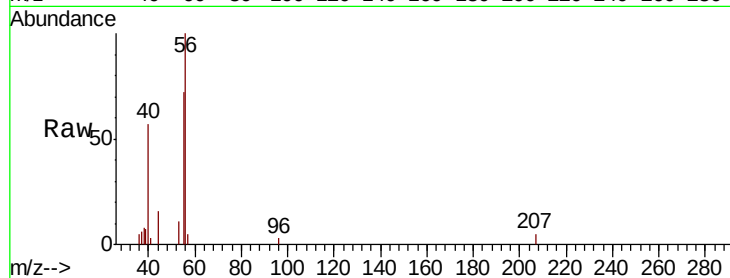
ClientSampleId :

Tot Ion: 56 Resp: 21742

Ion Ratio Lower Upper

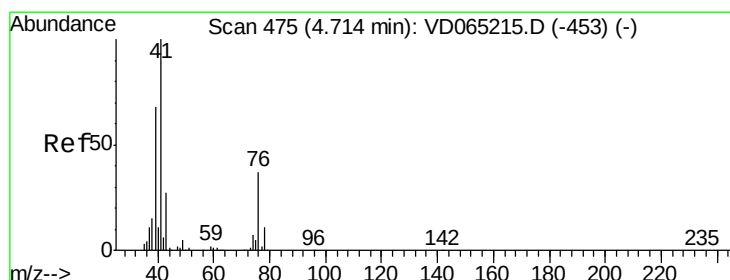
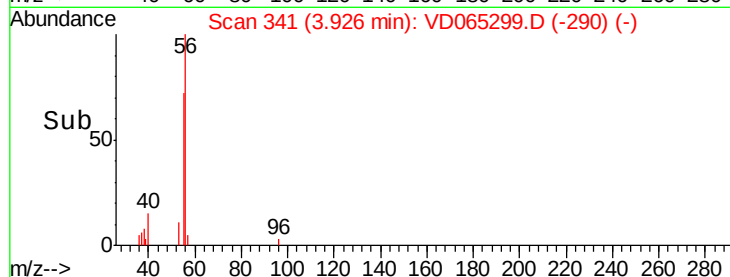
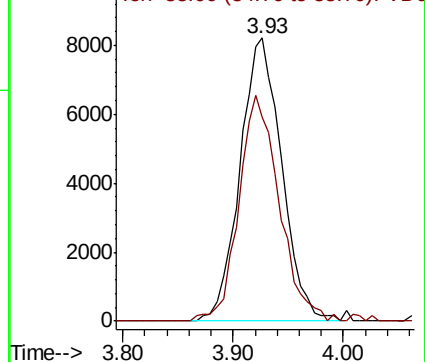
56 100

55 77.1 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.131 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

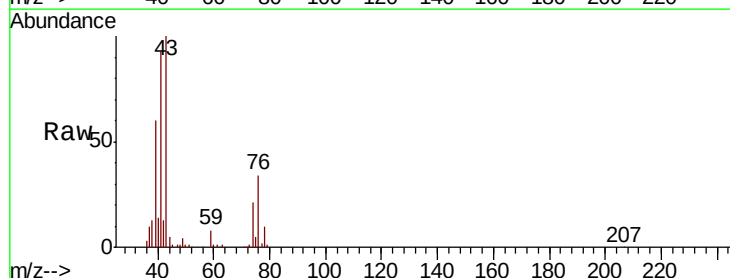
Tgt Ion: 41 Resp: 273057

Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.6

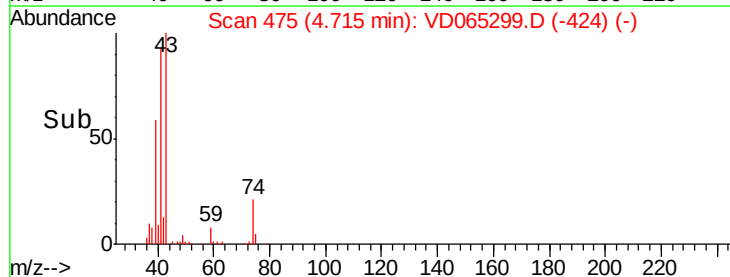
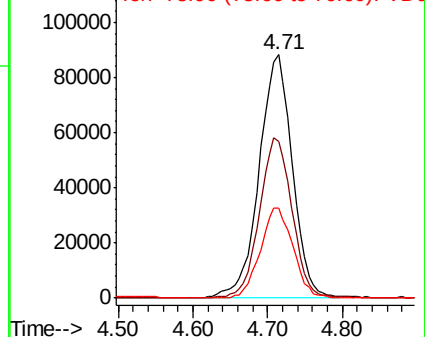
76 36.6 28.7 43.1

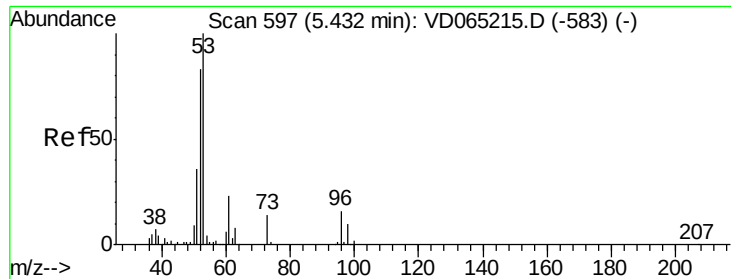


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 235.912 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

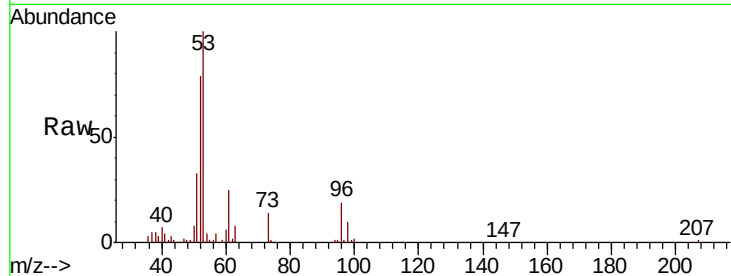
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 53 Resp: 177267

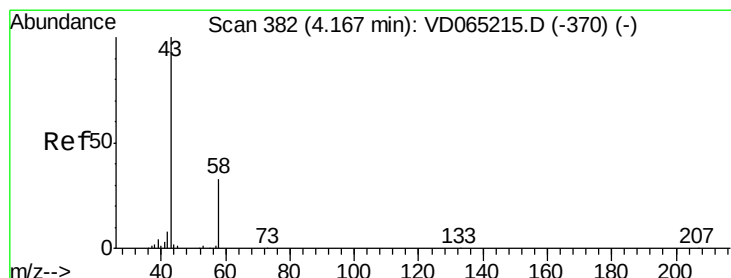
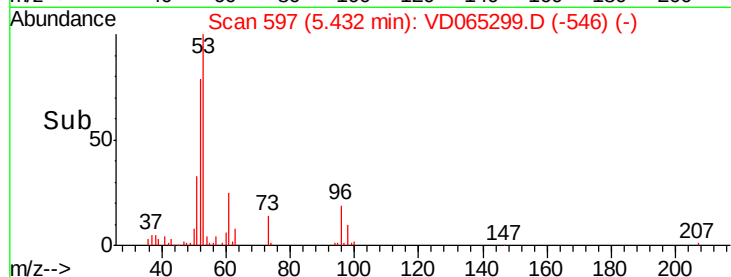
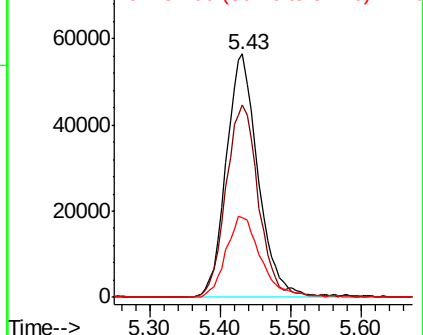
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.4	98.2
51	36.1	29.5	44.3



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: 165.745 ug/l

RT: 4.16 min Scan# 381

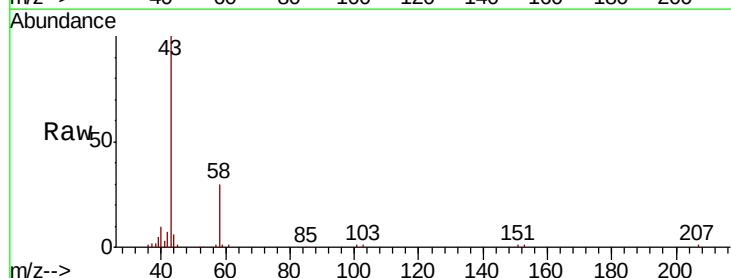
Delta R.T. -0.01 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

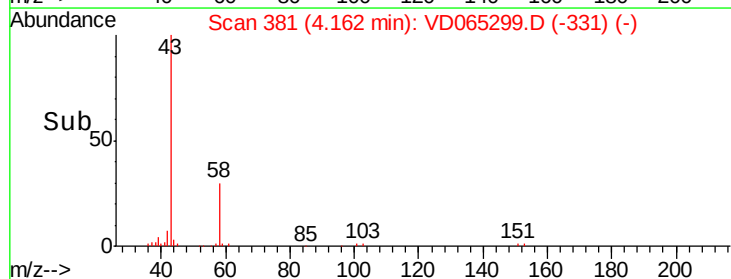
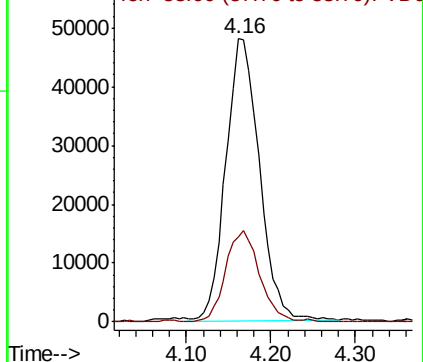
Tgt Ion: 43 Resp: 131861

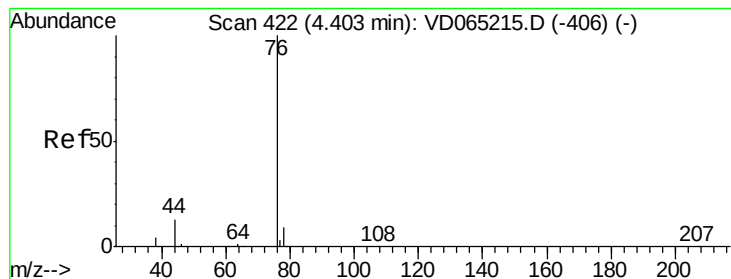
Ion	Ratio	Lower	Upper
43	100		
58	30.4	26.2	39.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 46.556 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

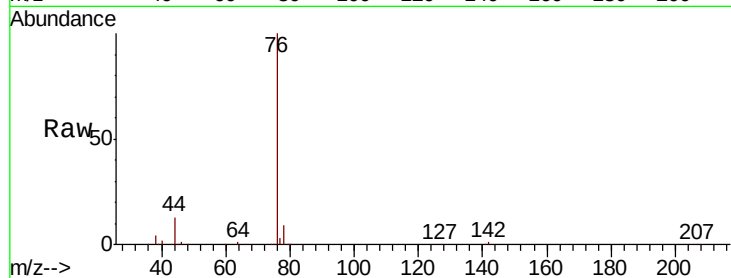
ClientSampleId :

Tot Ion: 76 Resp: 523528

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.40

200000

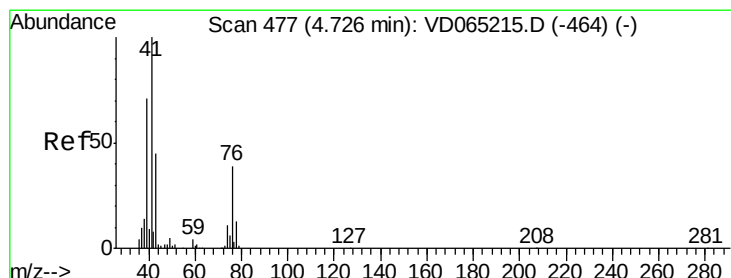
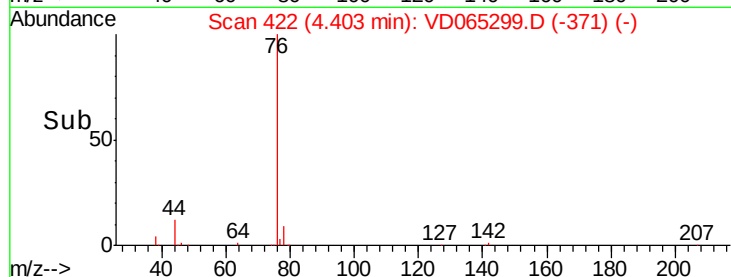
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 175.618 ug/l

RT: 4.73 min Scan# 477

Delta R.T. 0.00 min

Lab File: VD065299.D

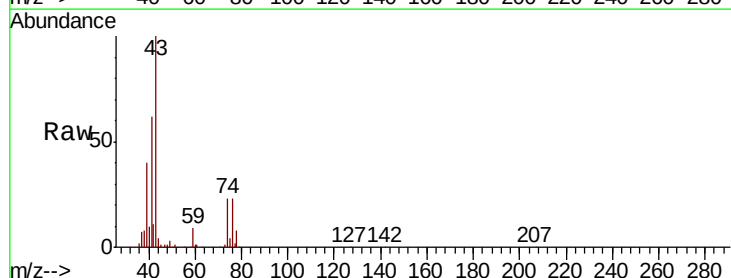
Acq: 24 Feb 2020 17:21

Tgt Ion: 43 Resp: 314232

Ion Ratio Lower Upper

43 100

74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.73

120000

100000

80000

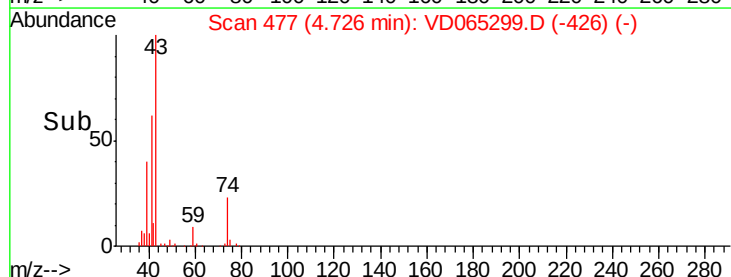
60000

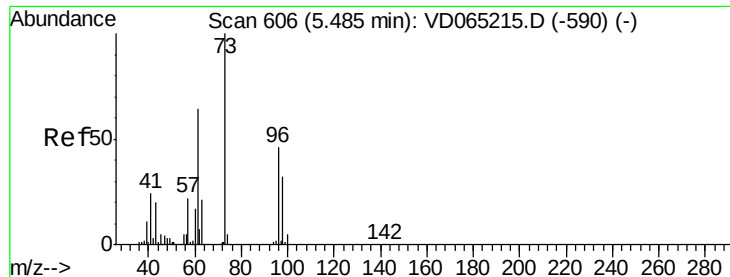
40000

20000

0

Time-->

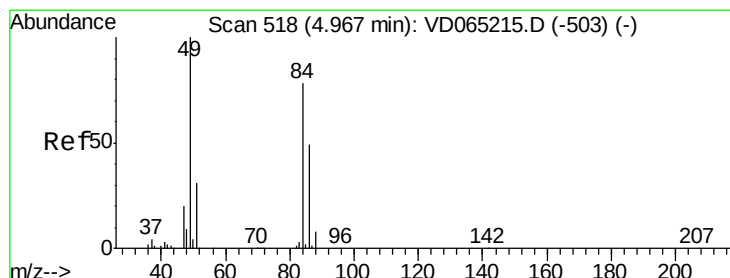
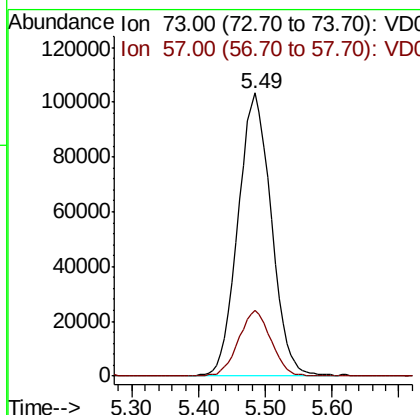
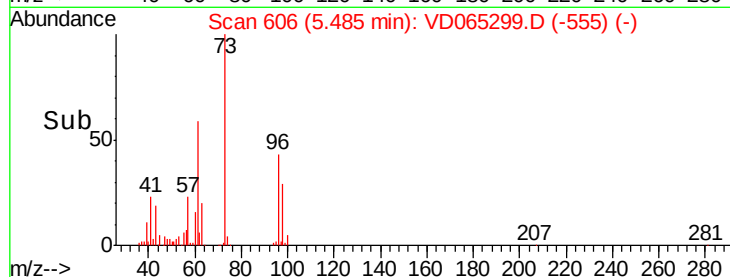
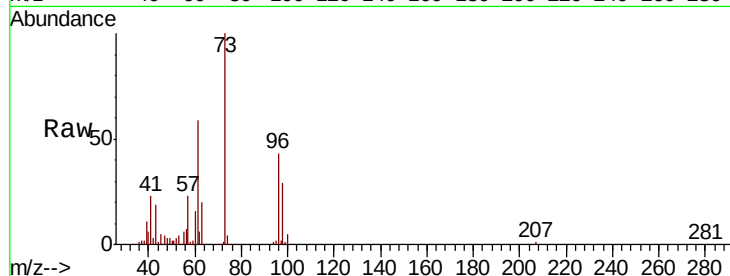




#19
Methyl tert-butyl Ether
Concen: 50.878 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

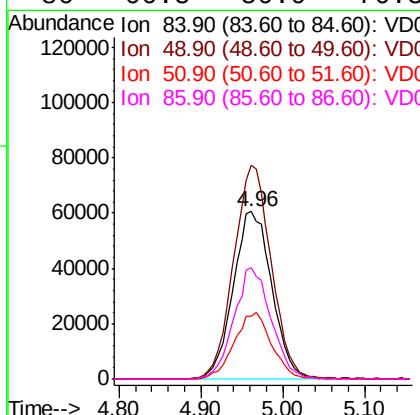
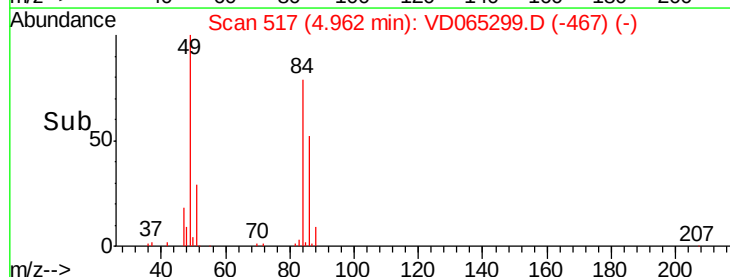
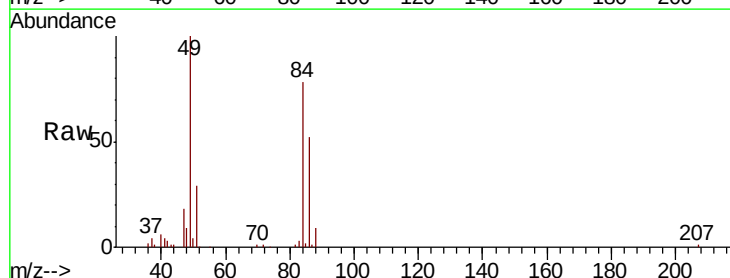
Instrument :
MSVOA_D
ClientSampleId :

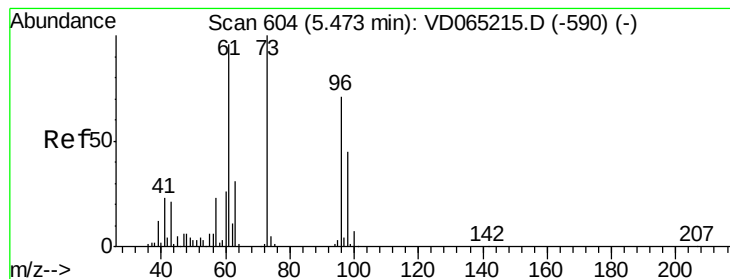
Tot Ion: 73 Resp: 355873
Ion Ratio Lower Upper
73 100
57 23.3 17.3 25.9



#20
Methylene Chloride
Concen: 56.752 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 84 Resp: 198792
Ion Ratio Lower Upper
84 100
49 127.8 103.1 154.7
51 37.6 31.7 47.5
86 66.5 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 49.767 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :

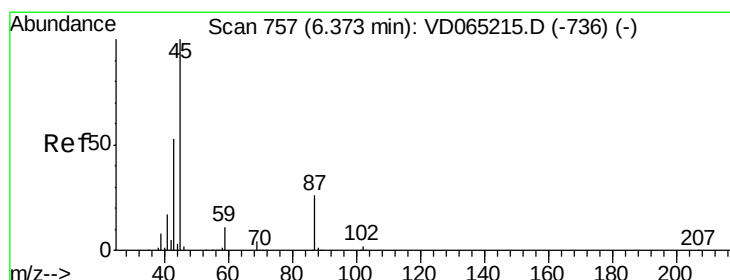
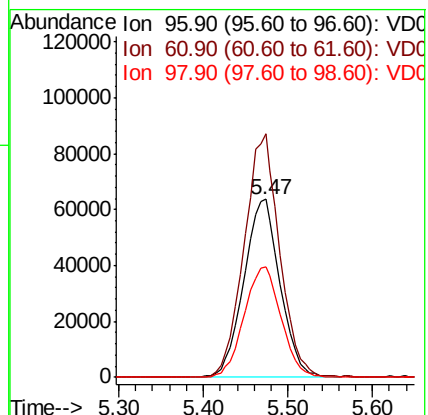
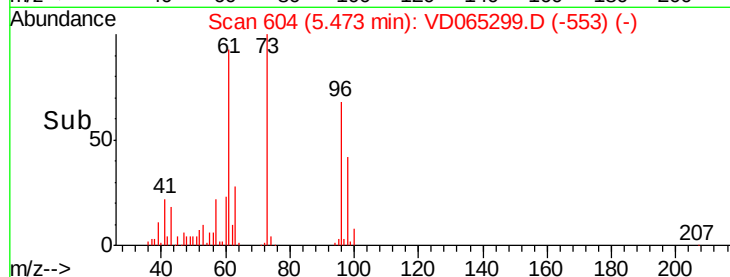
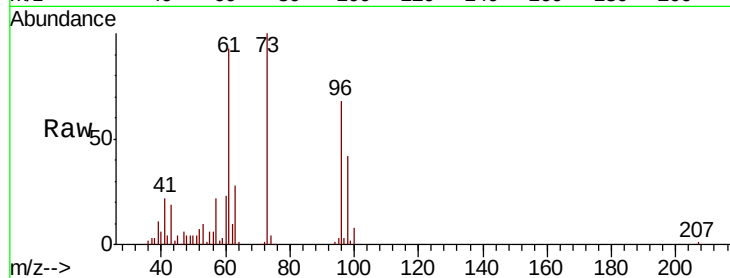
Tot Ion: 96 Resp: 189765

Ion Ratio Lower Upper

96 100

61 137.0 108.3 162.5

98 62.0 50.7 76.1



#22

Diisopropyl ether

Concen: 48.572 ug/l

RT: 6.37 min Scan# 757

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Tgt Ion: 45 Resp: 510024

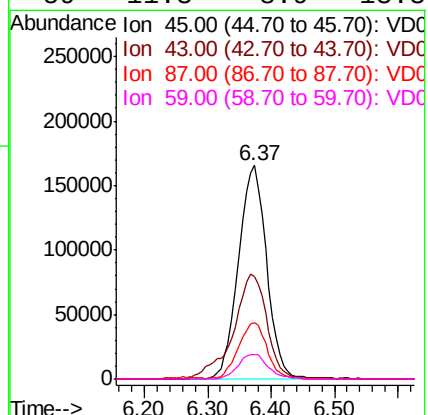
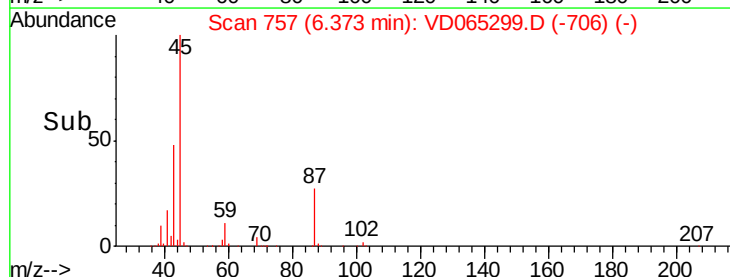
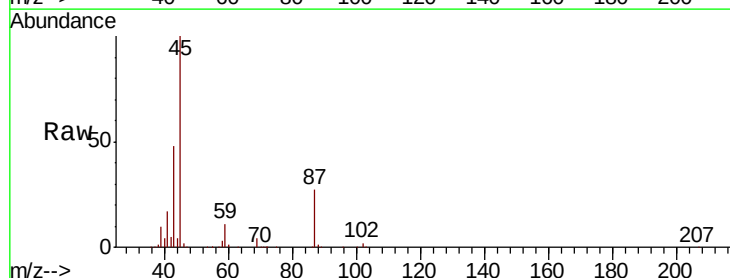
Ion Ratio Lower Upper

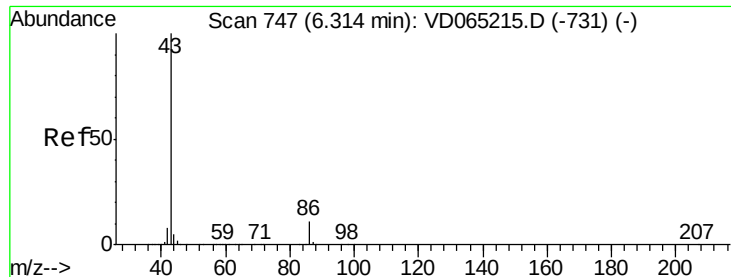
45 100

43 47.6 42.6 64.0

87 26.6 21.2 31.8

59 11.3 8.9 13.3





#23

Vinyl Acetate

Concen: 51.128 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.05 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

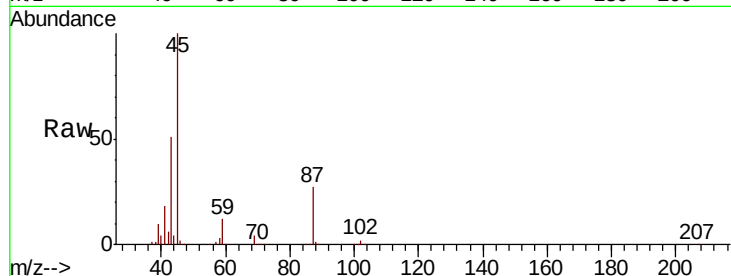
ClientSampleId :

Tot Ion: 43 Resp: 295968

Ion Ratio Lower Upper

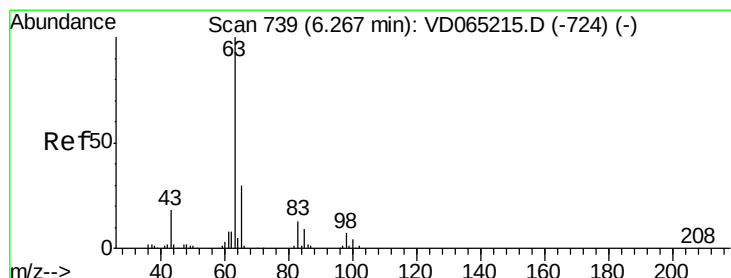
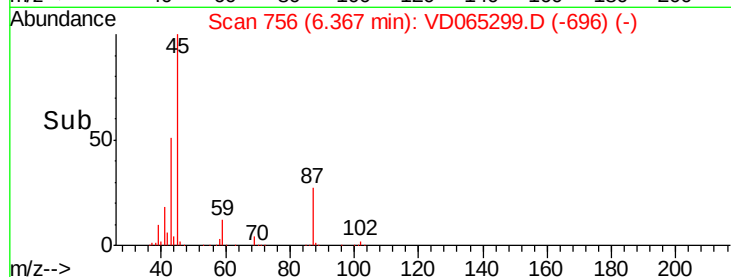
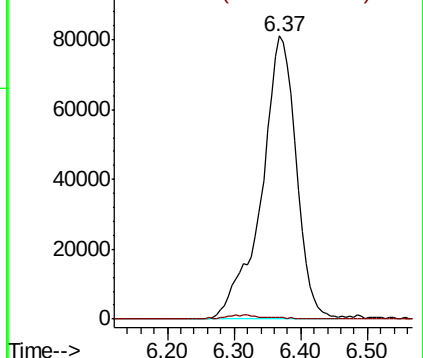
43 100

86 0.4 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 50.203 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

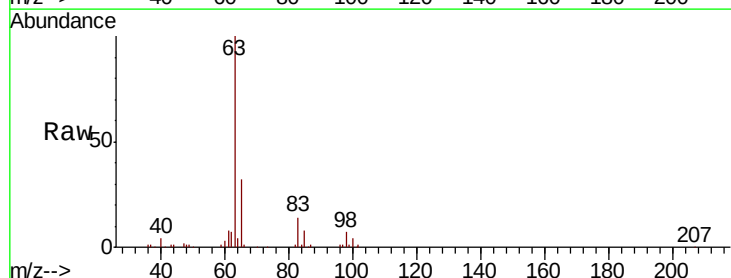
Tgt Ion: 63 Resp: 326971

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

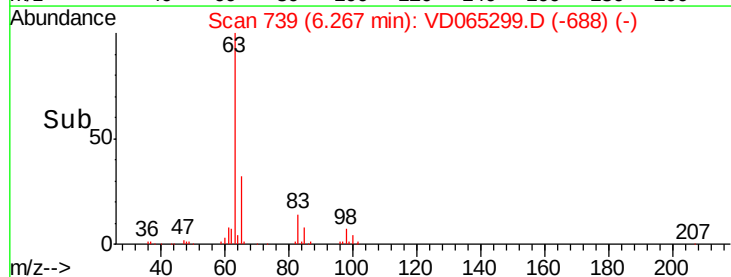
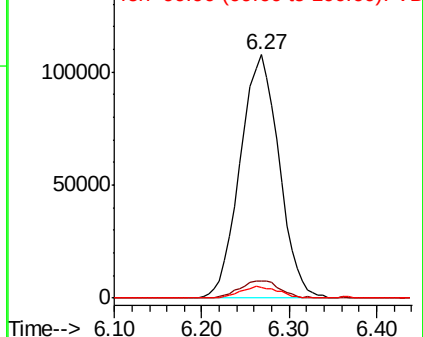
100 4.4 2.3 6.8

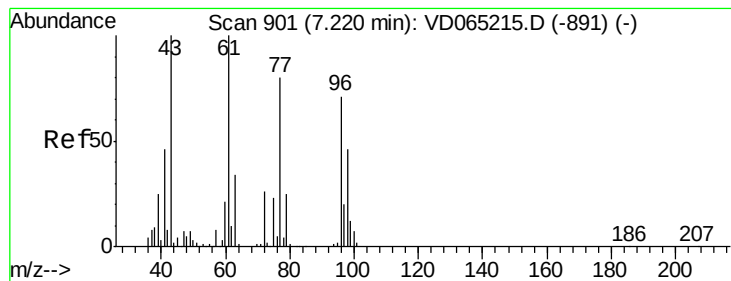


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 201.684 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

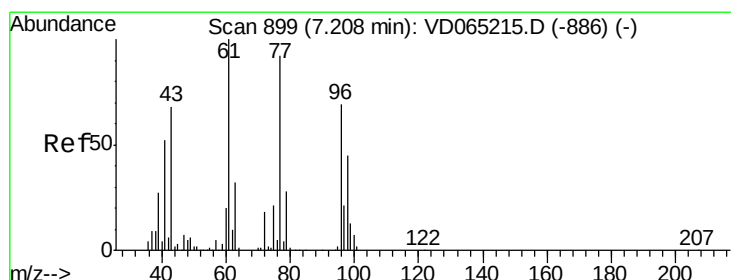
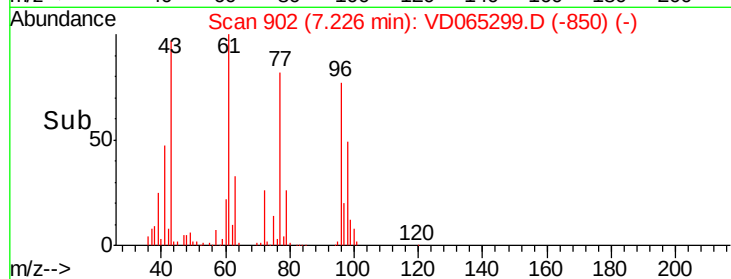
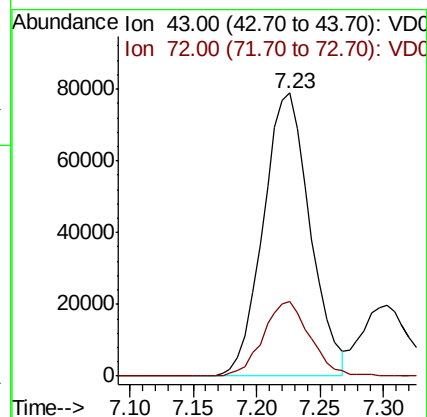
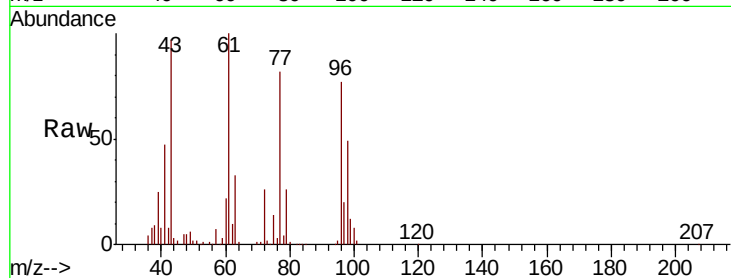
ClientSampled :

Tot Ion: 43 Resp: 203008

Ion Ratio Lower Upper

43 100

72 26.4 20.9 31.3



#26

2,2-Dichloropropane

Concen: 47.758 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD065299.D

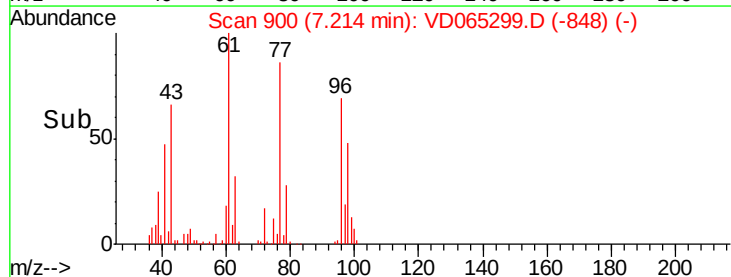
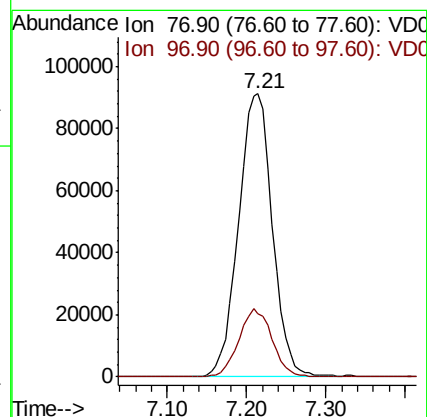
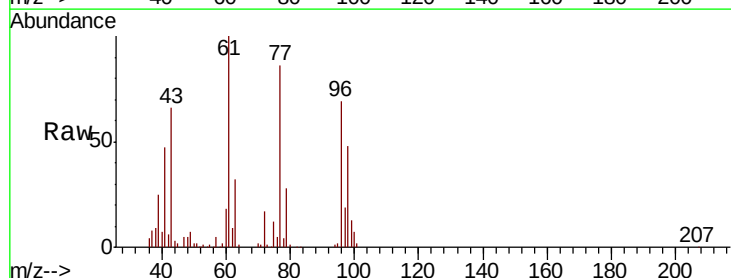
Acq: 24 Feb 2020 17:21

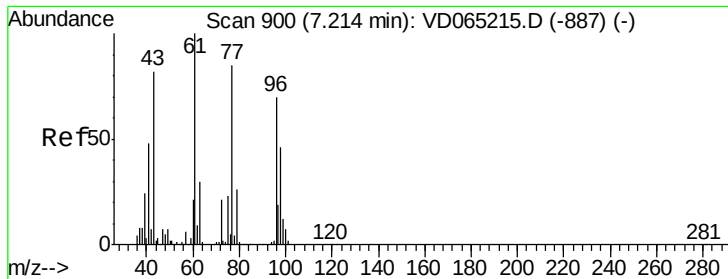
Tgt Ion: 77 Resp: 269874

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



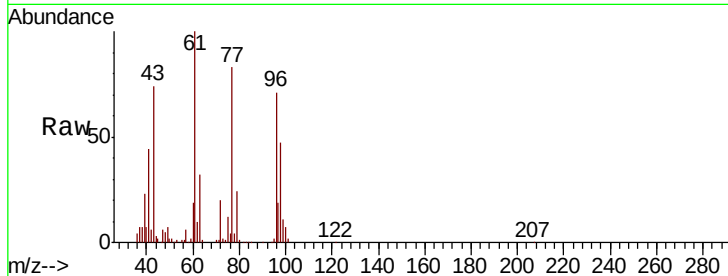


#27

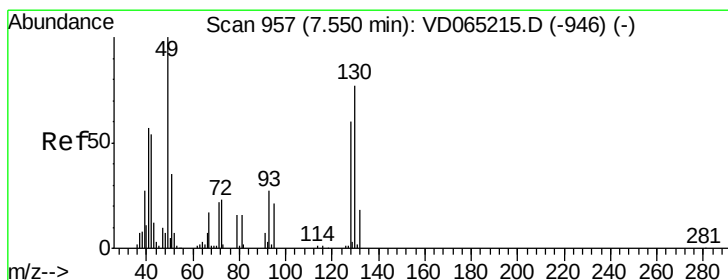
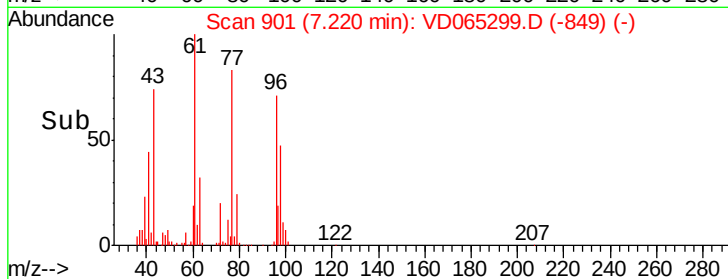
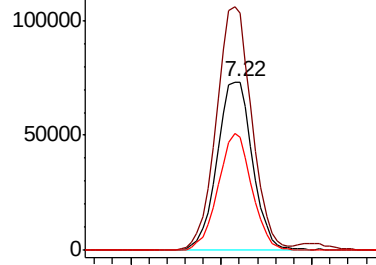
cis-1,2-Dichloroethene
Concen: 49.241 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	286.0
98	66.4	0.0	127.8



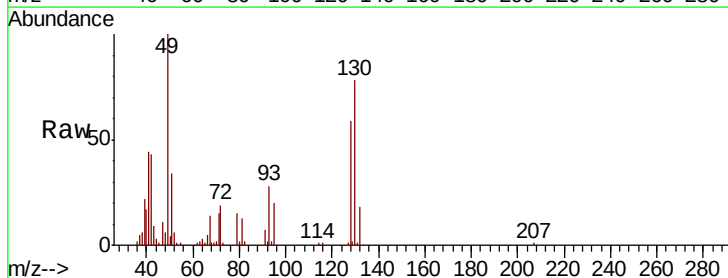
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



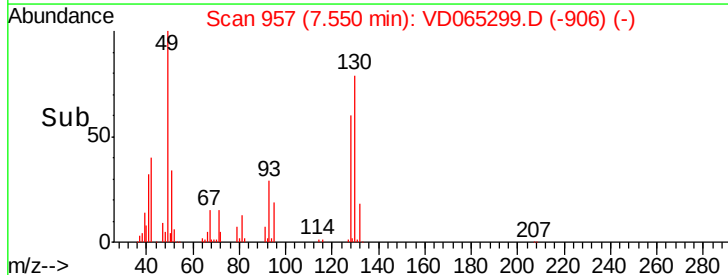
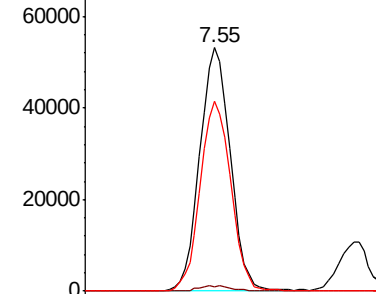
#28

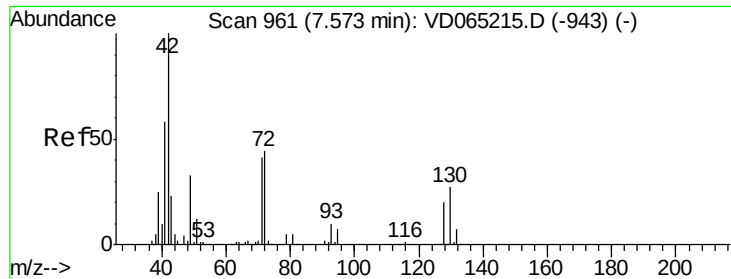
Bromochloromethane
Concen: 54.923 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	78.0	64.7	97.1



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

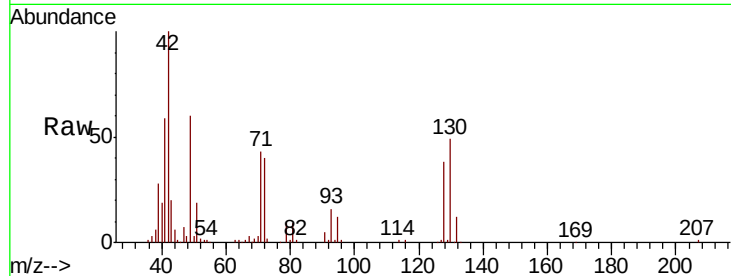




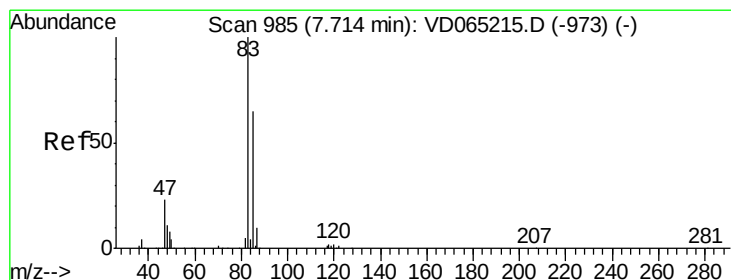
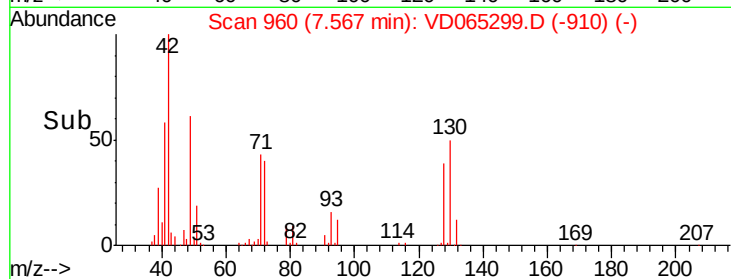
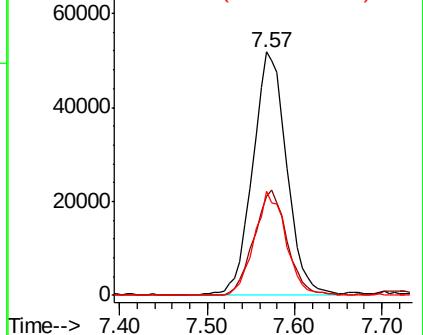
#29
Tetrahydrofuran
Concen: 234.154 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 42 Resp: 138097
Ion Ratio Lower Upper
42 100
72 42.1 33.7 50.5
71 39.7 31.4 47.2

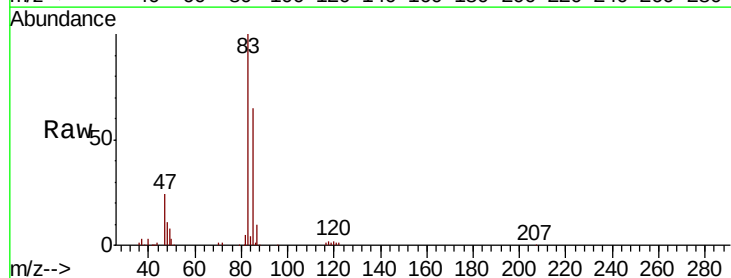


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

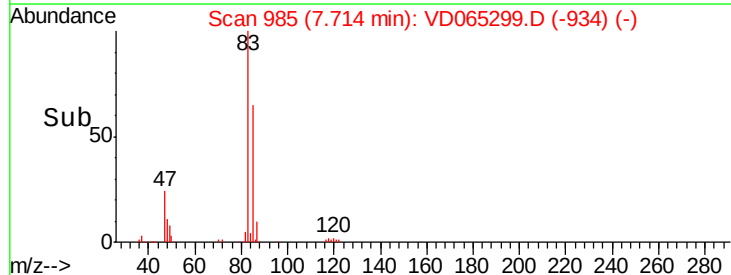
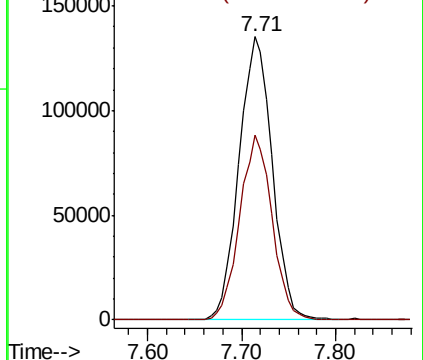


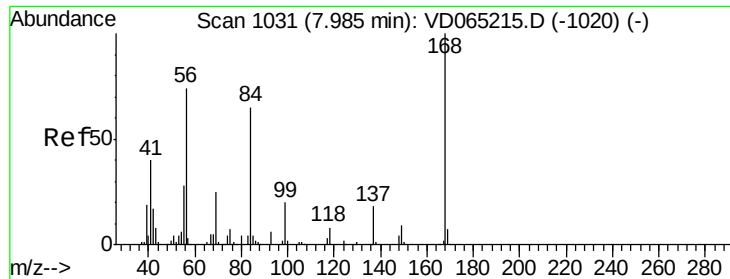
#30
Chloroform
Concen: 50.505 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 83 Resp: 331397
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5



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

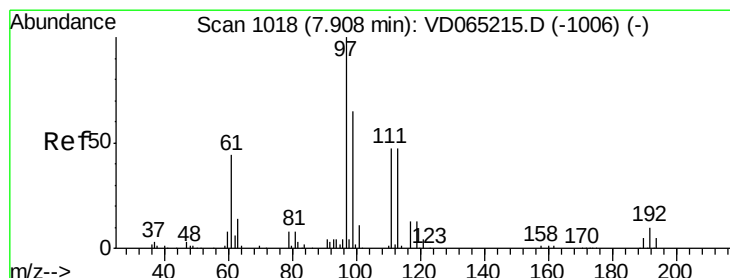
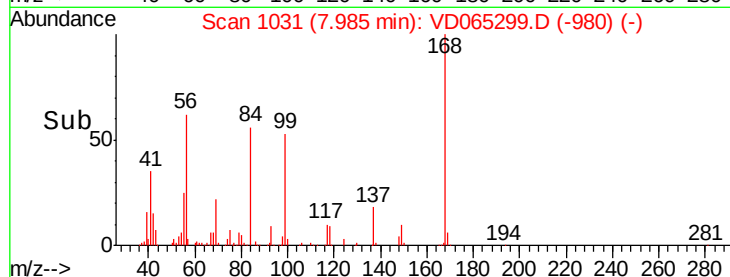
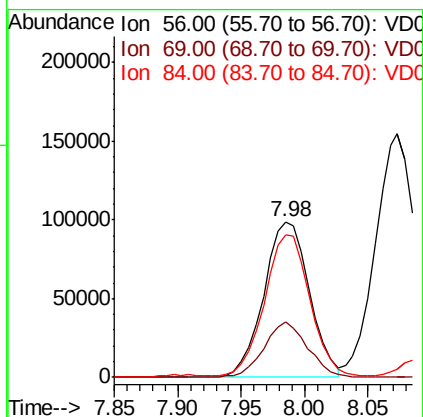
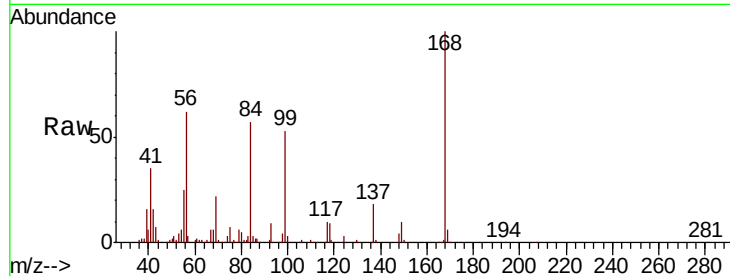




#31
Cyclohexane
Concen: 38.687 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

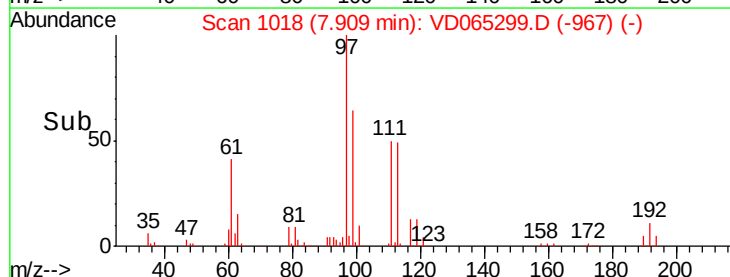
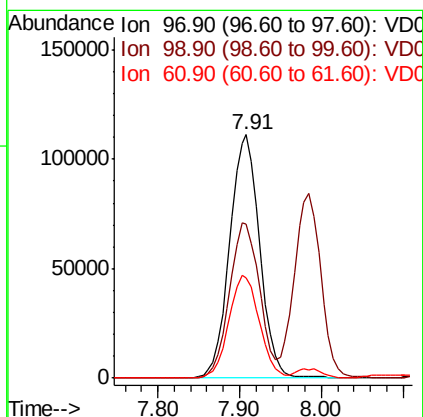
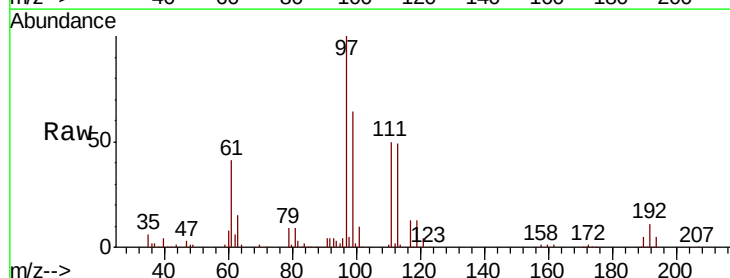
Instrument :
MSVOA_D
ClientSampleId :

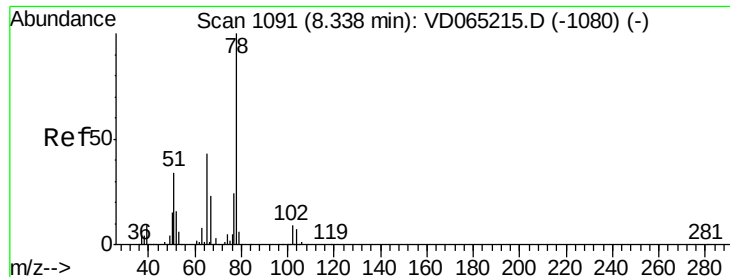
Tot Ion: 56 Resp: 247563
Ion Ratio Lower Upper
56 100
69 35.9 27.4 41.0
84 90.0 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 48.255 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 97 Resp: 283295
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 42.9 34.8 52.2

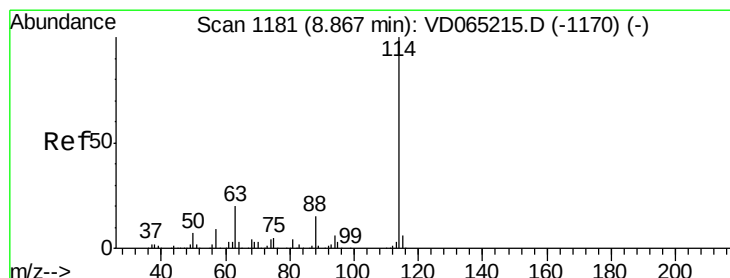
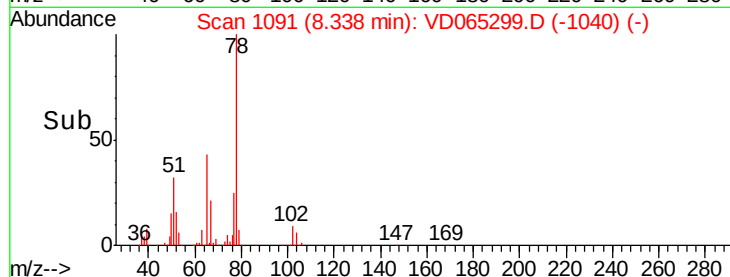
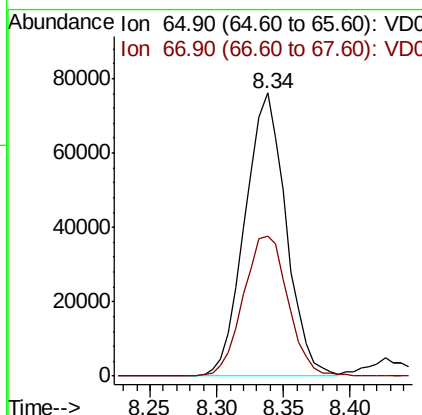
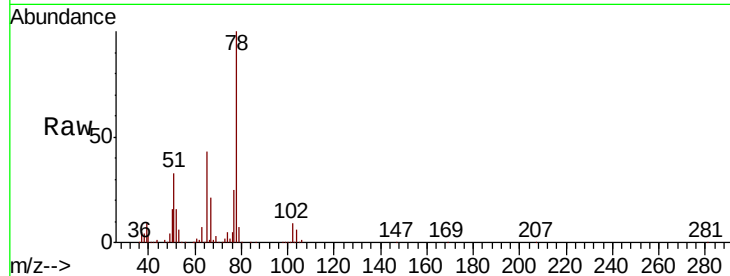




#33
 1,2-Dichloroethane-d4
 Concen: 49.846 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

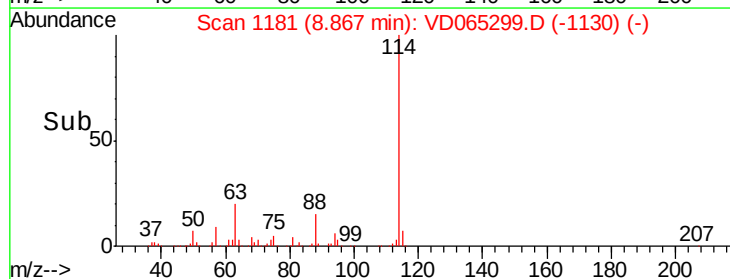
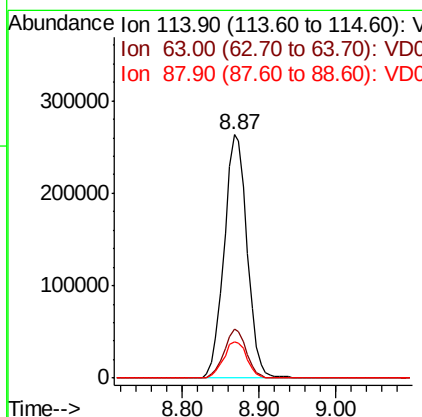
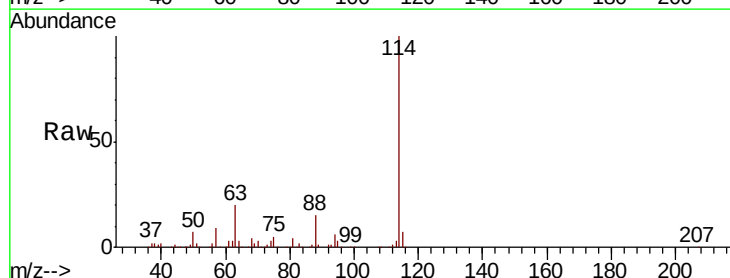
Instrument :
 MSVOA_D
 ClientSampleId :

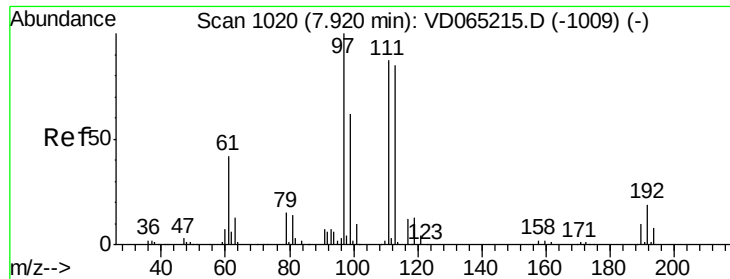
Tot Ion: 65 Resp: 162226
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion: 114 Resp: 547394
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.4
 88 15.0 0.0 30.4

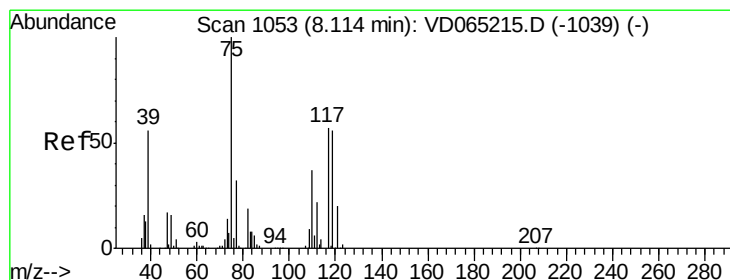
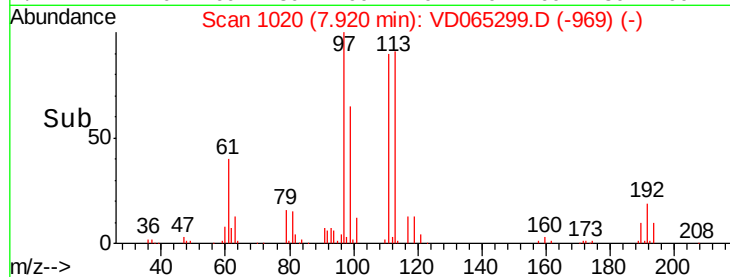
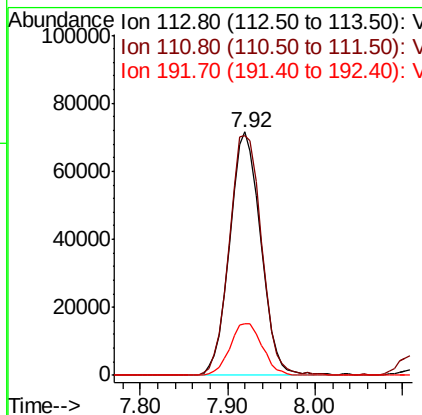
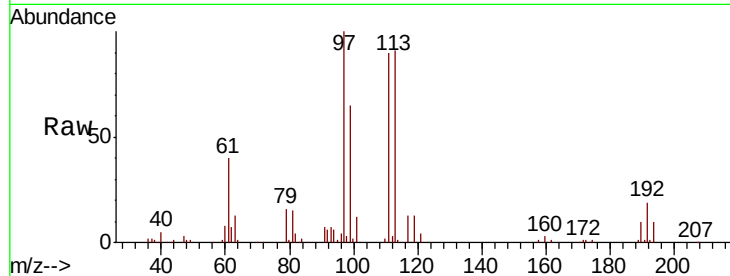




#35
 Dibromofluoromethane
 Concen: 51.682 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

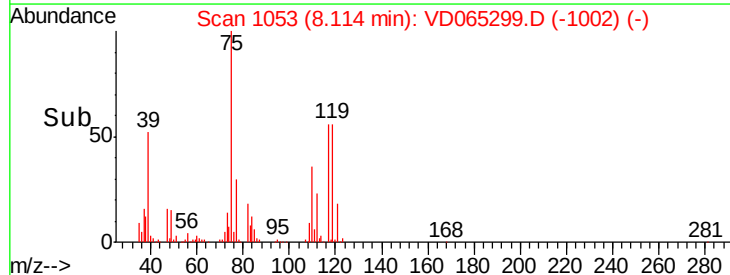
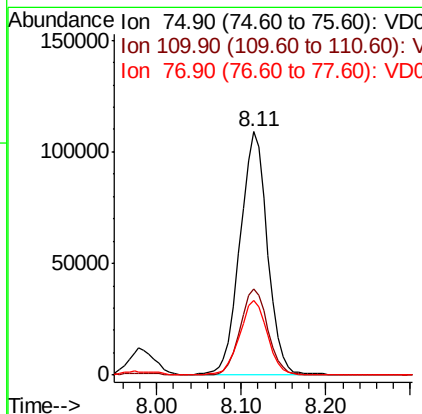
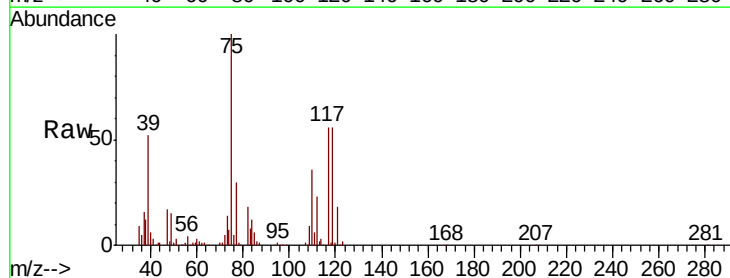
Instrument :
 MSVOA_D
 ClientSampleId :

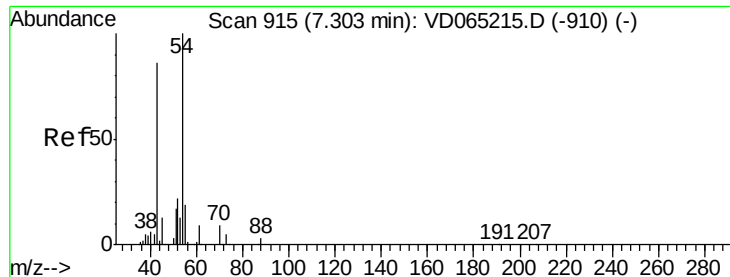
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	22.0	17.3	25.9



#36
 1,1-Dichloropropene
 Concen: 45.967 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.9	53.7
77	31.3	25.1	37.7

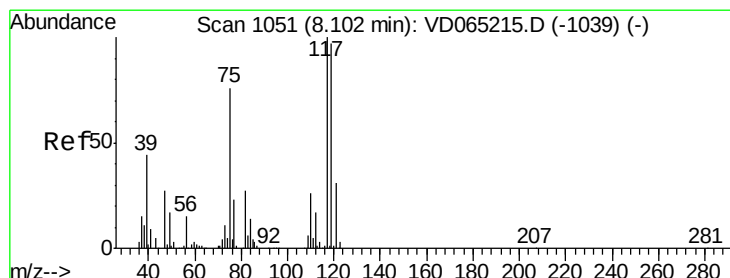
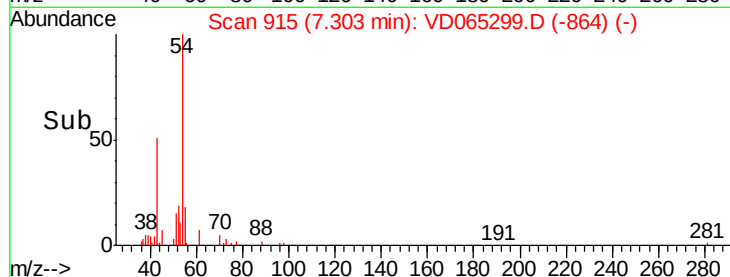
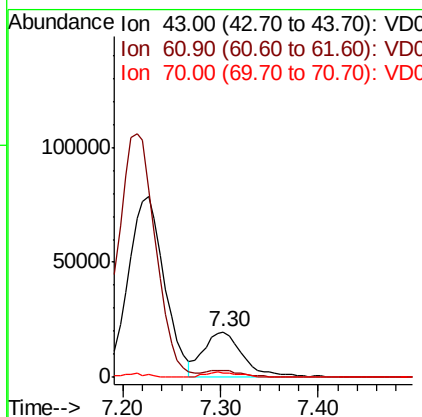
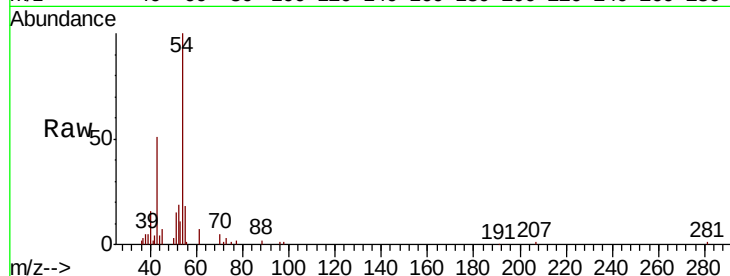




#37
Ethyl Acetate
Concen: 24.621 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

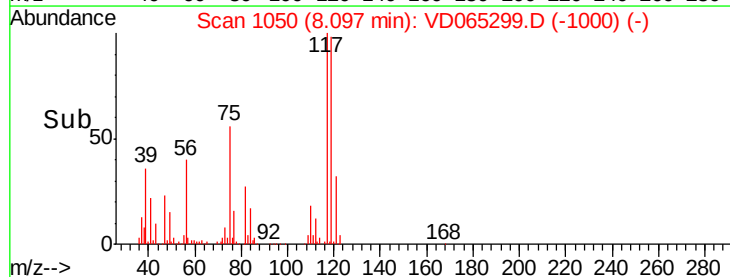
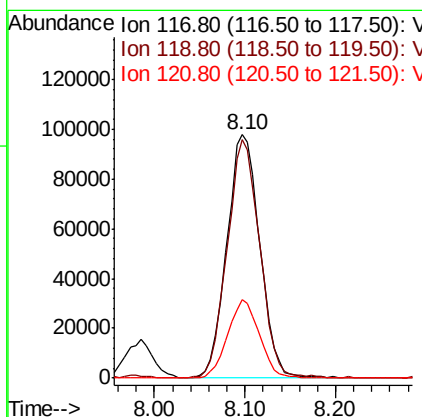
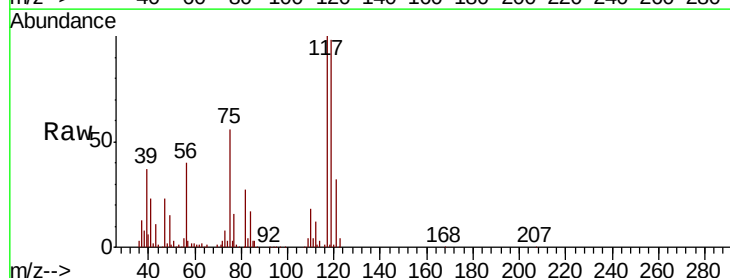
Instrument :
MSVOA_D
ClientSampled :

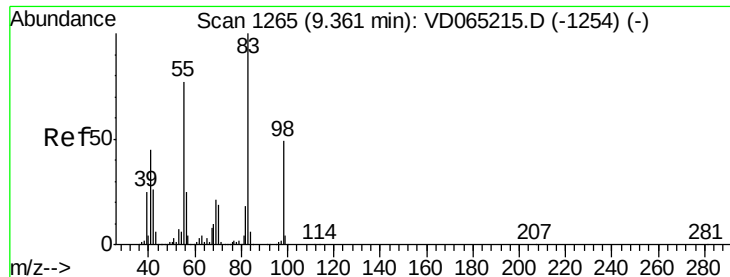
Tot Ion: 43 Resp: 54821
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 10.3 8.2 12.2



#38
Carbon Tetrachloride
Concen: 45.674 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 117 Resp: 247641
Ion Ratio Lower Upper
117 100
119 97.7 77.6 116.4
121 32.3 24.8 37.2

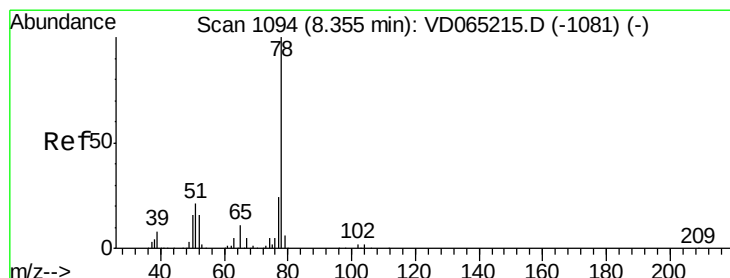
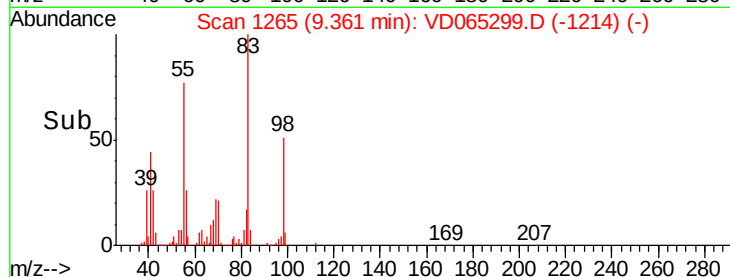
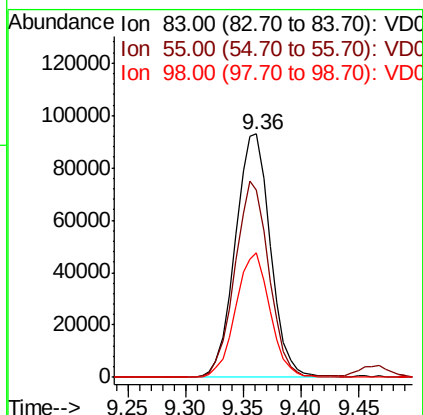
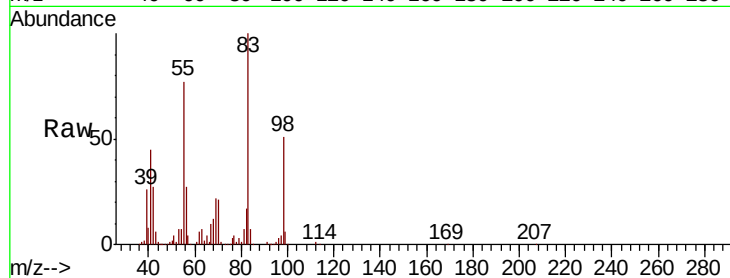




#39
Methylvlcyclohexane
Concen: 31.325 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

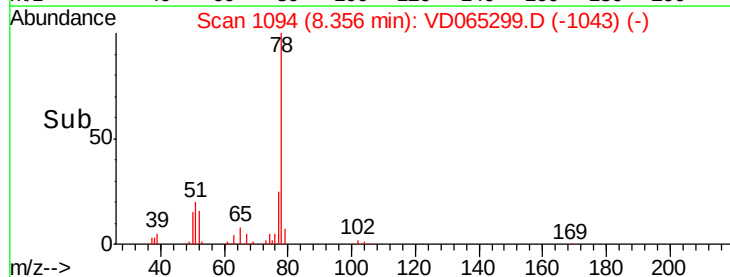
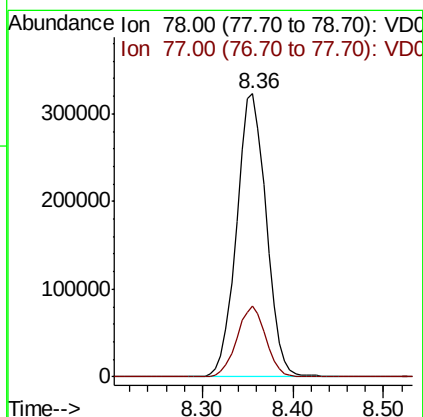
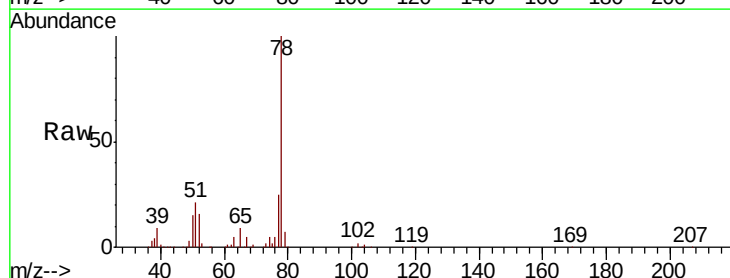
Instrument :
MSVOA_D
ClientSampleId :

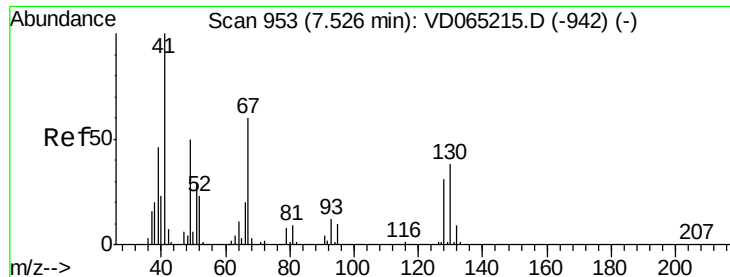
Tot Ion: 83 Resp: 196144
Ion Ratio Lower Upper
83 100
55 76.9 61.8 92.6
98 51.4 39.4 59.0



#40
Benzene
Concen: 48.876 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 78 Resp: 734789
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.6





#41

Methacrylonitrile

Concen: 42.710 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 41 Resp: 54909

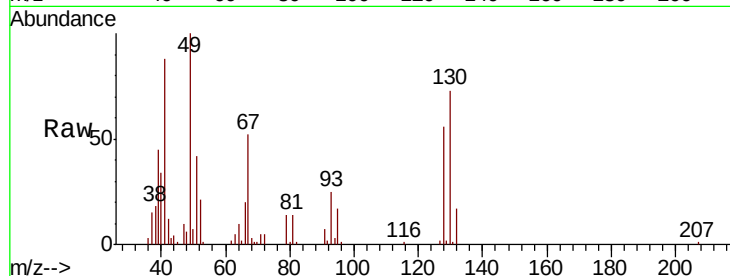
Ion Ratio Lower Upper

41 100

39 60.8 48.1 72.1

67 74.9 58.9 88.3

52 30.3 24.2 36.2



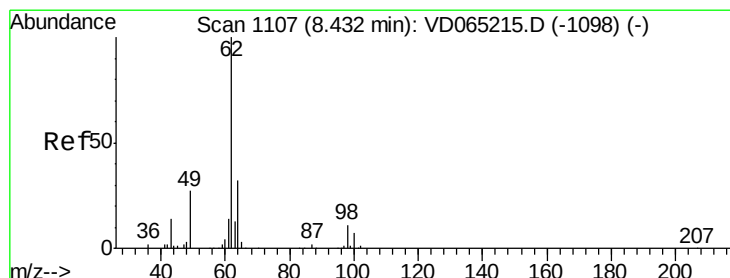
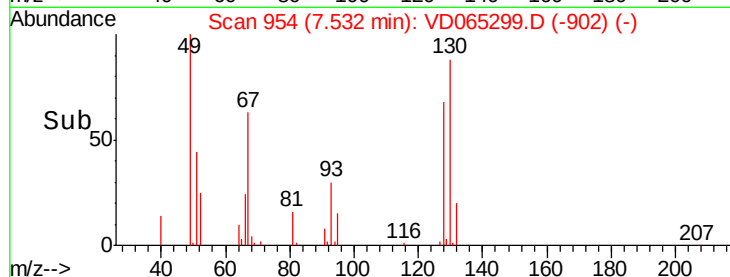
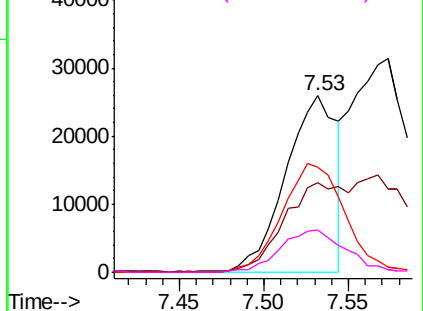
Abundance

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: 48.099 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VD065299.D

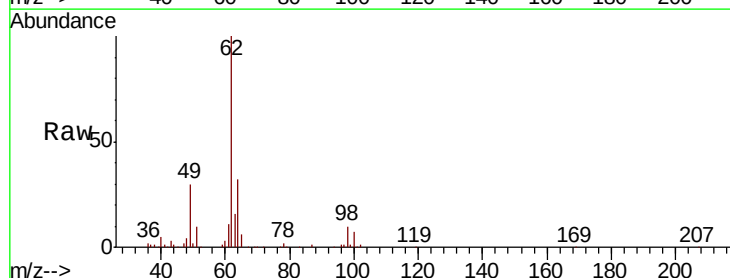
Acq: 24 Feb 2020 17:21

Tgt Ion: 62 Resp: 198792

Ion Ratio Lower Upper

62 100

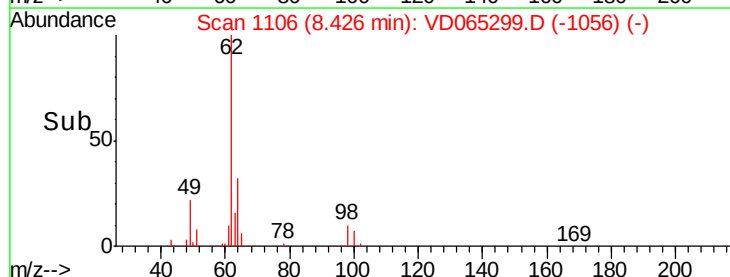
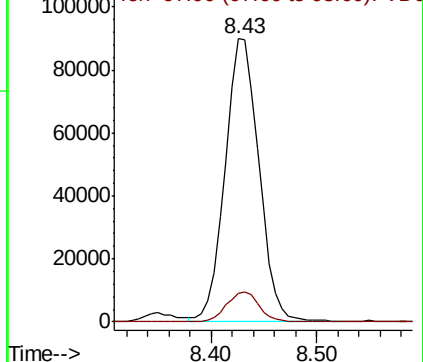
98 10.3 0.0 20.6

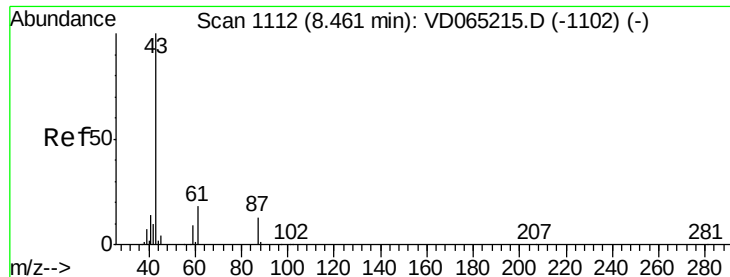


Abundance

Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 31.544 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

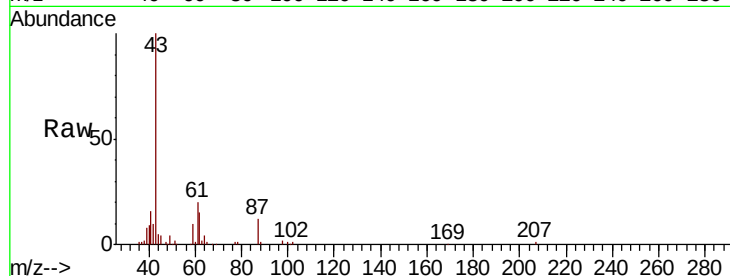
Tot Ion: 43 Resp: 127720

Ion Ratio Lower Upper

43 100

61 37.6 24.6 36.8#

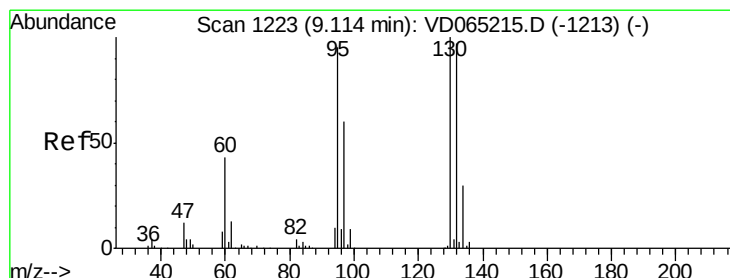
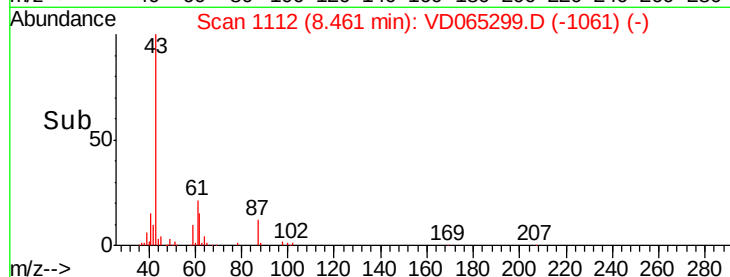
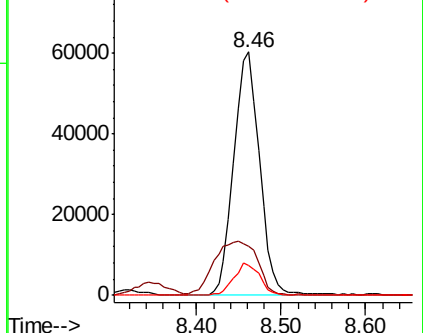
87 12.9 10.6 16.0



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: 46.300 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065299.D

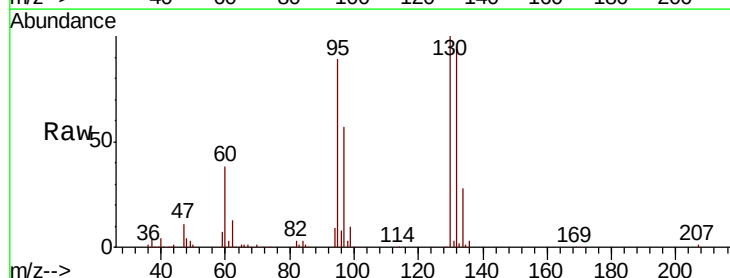
Acq: 24 Feb 2020 17:21

Tgt Ion:130 Resp: 192946

Ion Ratio Lower Upper

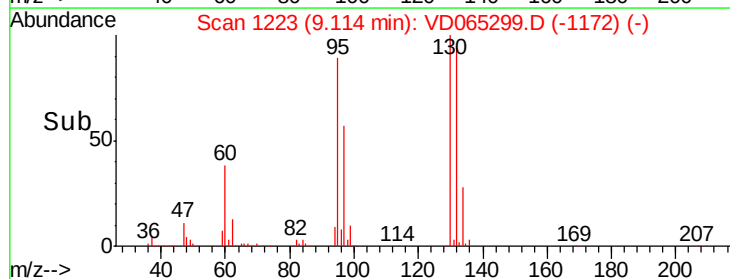
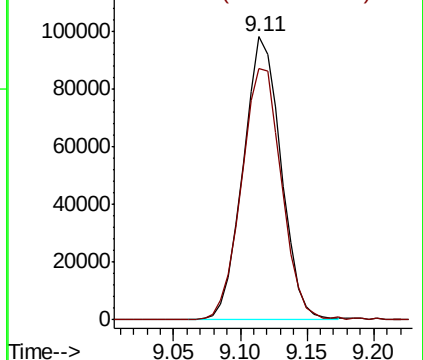
130 100

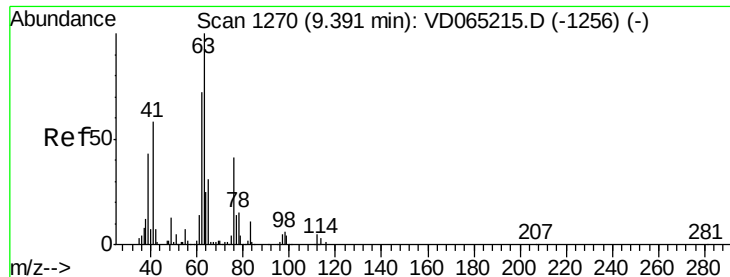
95 88.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

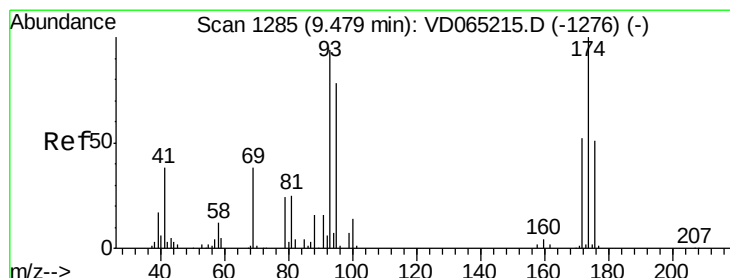
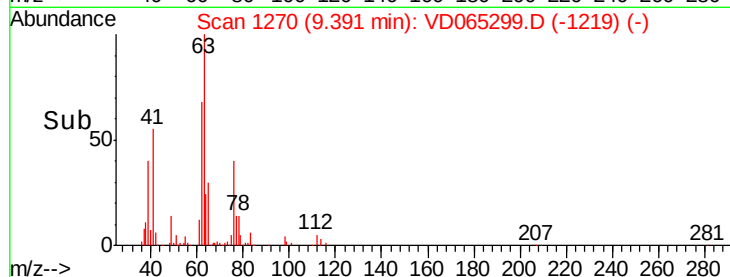
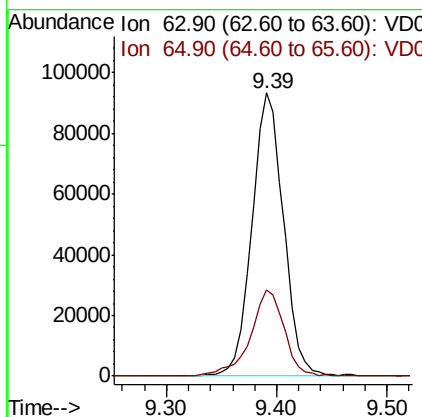
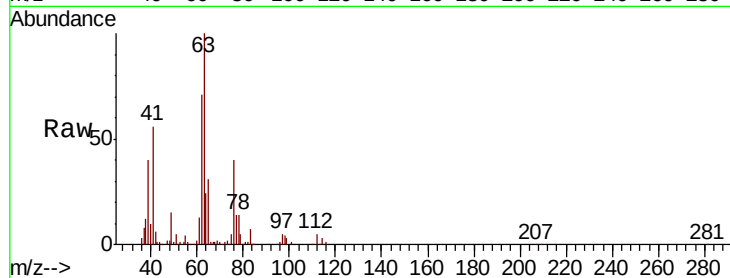




#45
 1,2-Dichloropropane
 Concen: 50.059 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

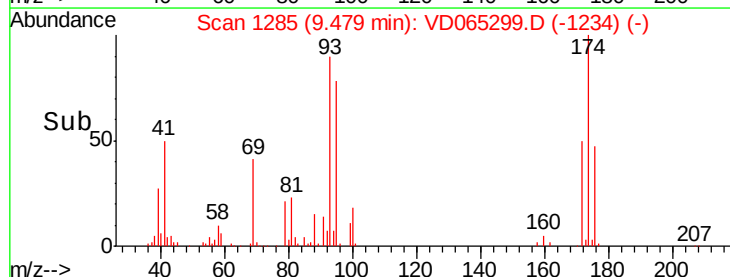
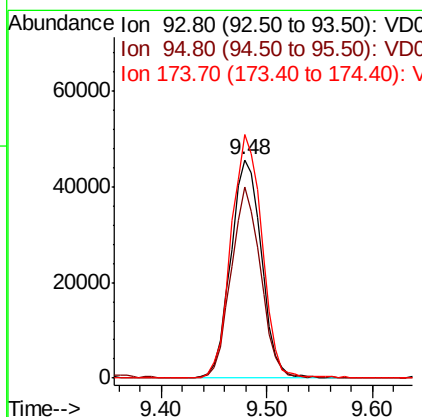
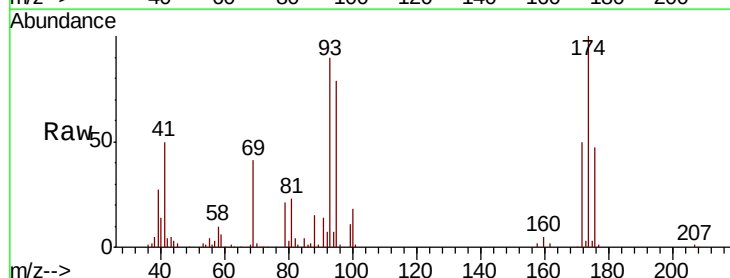
Instrument :
 MSVOA_D
 ClientSampleId :

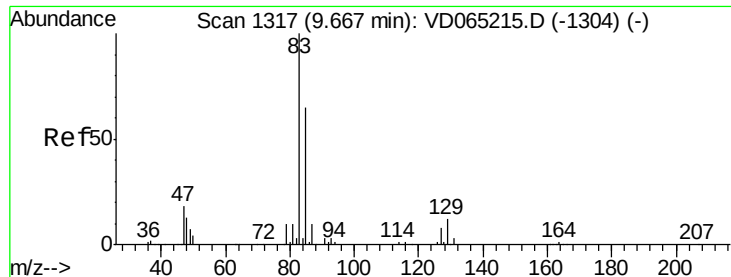
Tot Ion: 63 Resp: 187134
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.9 37.3



#46
 Dibromomethane
 Concen: 47.795 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion: 93 Resp: 91929
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.8 98.6
 174 111.3 86.8 130.2

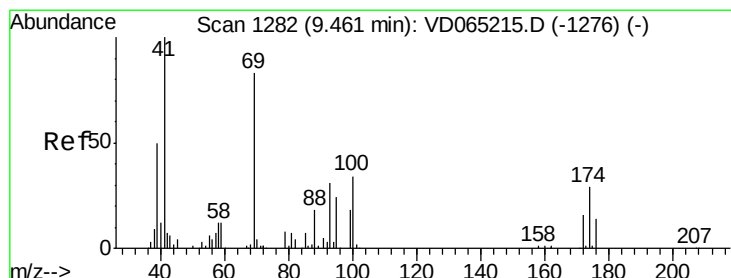
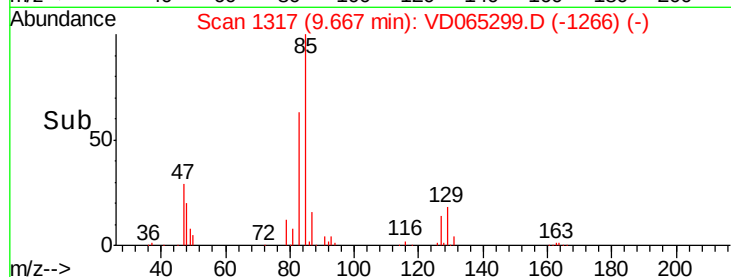
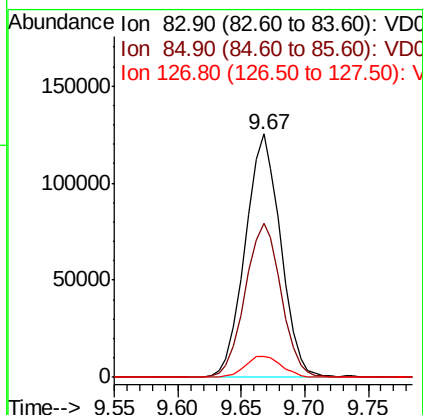
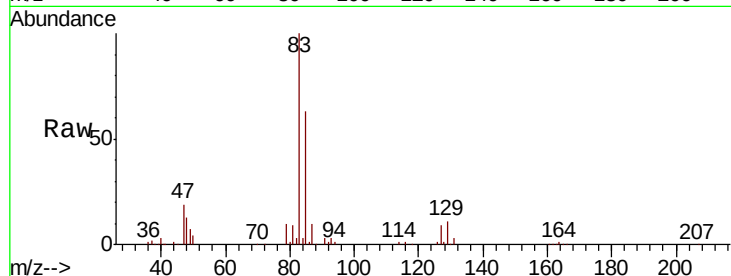




#47
Bromodichloromethane
Concen: 48.133 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

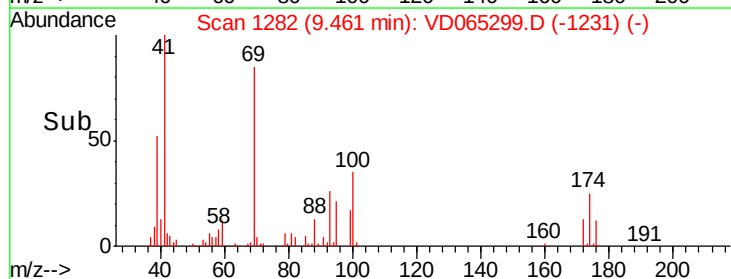
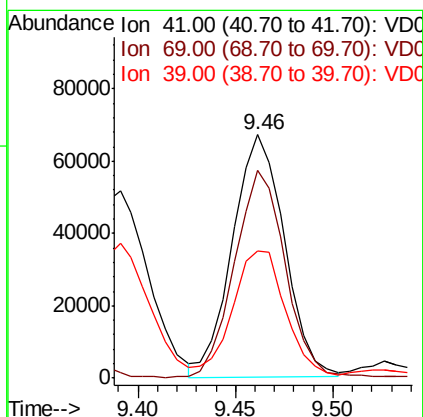
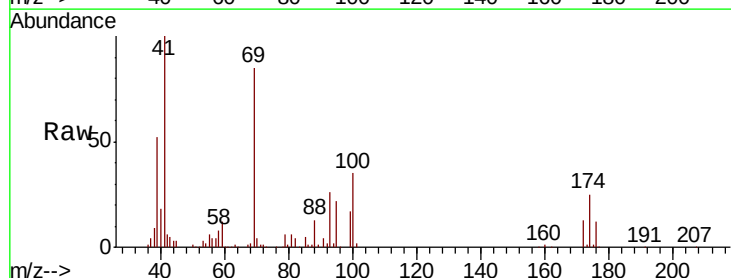
Instrument :
MSVOA_D
ClientSampleId :

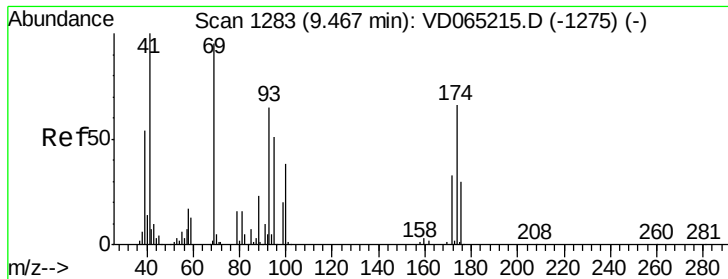
Tot Ion: 83 Resp: 243980
Ion Ratio Lower Upper
83 100
85 63.1 52.0 78.0
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 66.252 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 41 Resp: 123995
Ion Ratio Lower Upper
41 100
69 83.3 68.2 102.2
39 53.8 42.0 63.0

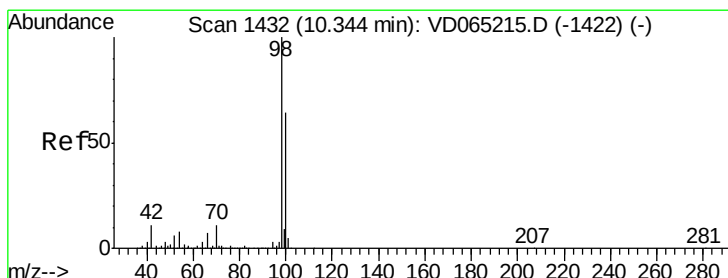
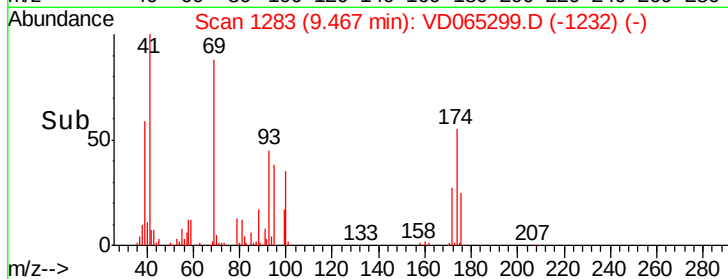
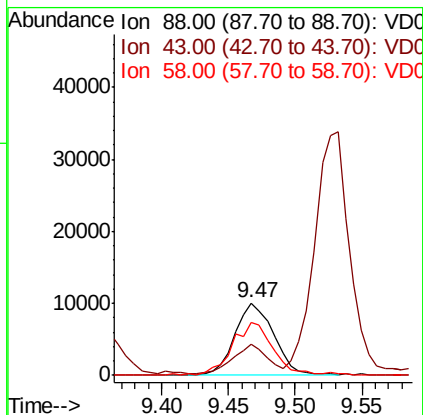
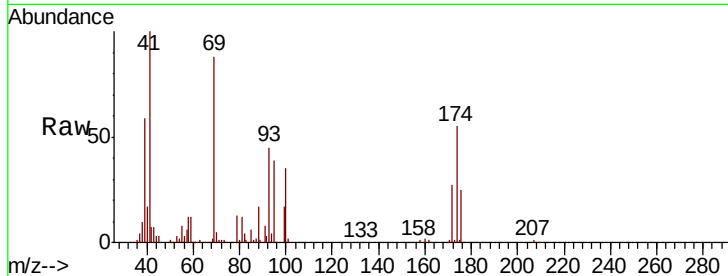




#49
1,4-Dioxane
Concen: 905.909 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

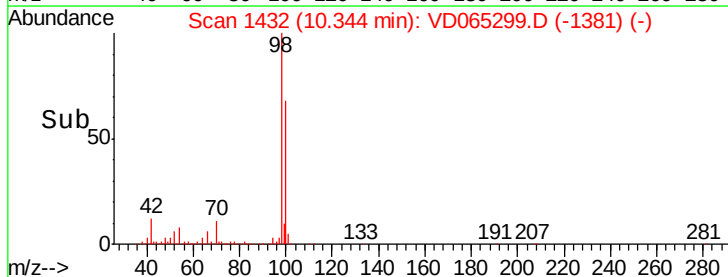
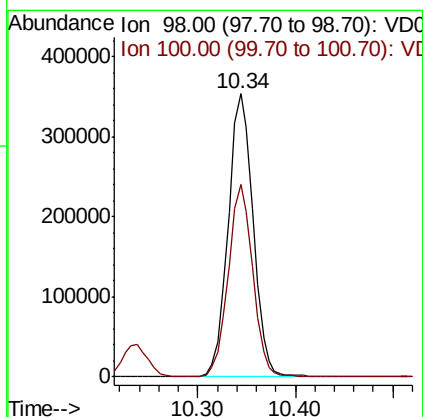
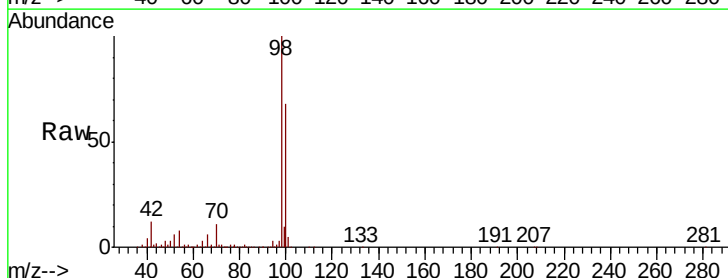
Instrument :
MSVOA_D
ClientSampled :

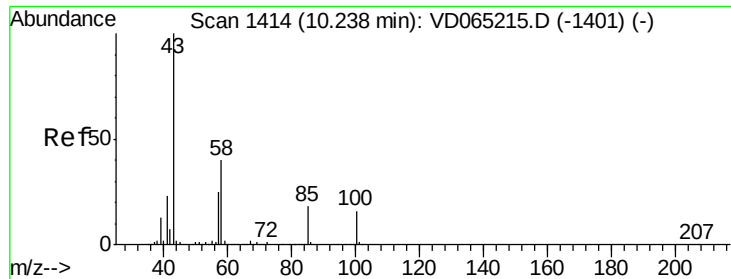
Tot Ion: 88 Resp: 20436
Ion Ratio Lower Upper
88 100
43 34.5 28.5 42.7
58 75.9 58.6 87.8



#50
Toluene-d8
Concen: 49.293 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 98 Resp: 628966
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

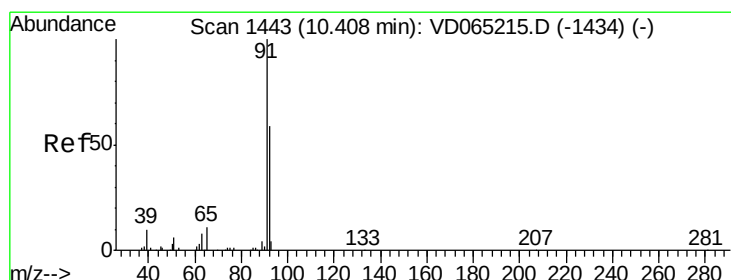
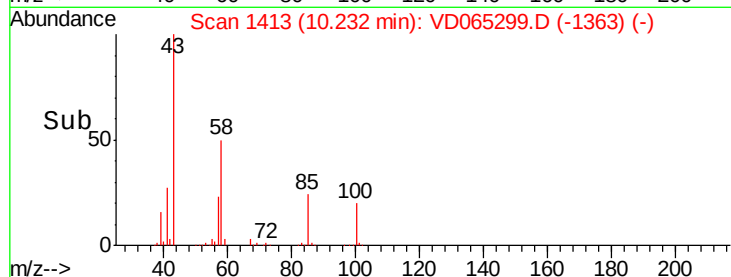
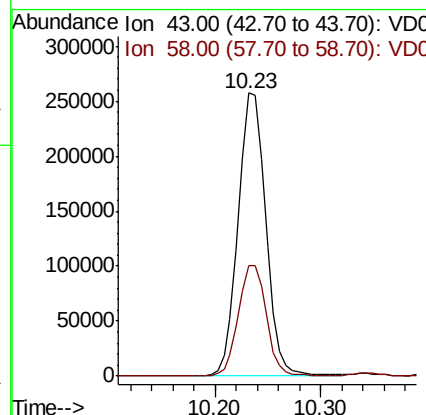
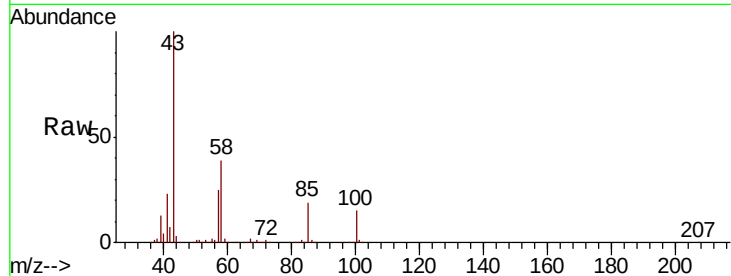




#51
4-Methyl-2-Pentanone
Concen: 227.767 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

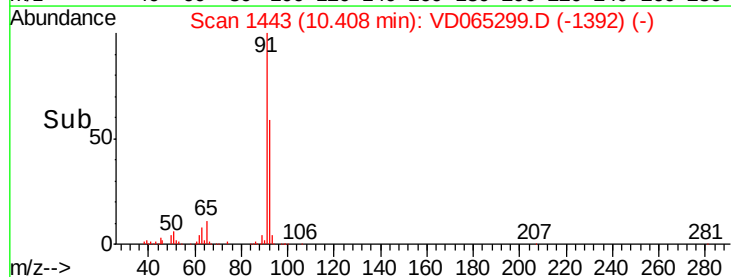
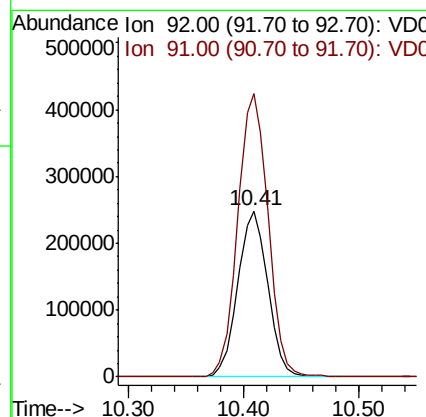
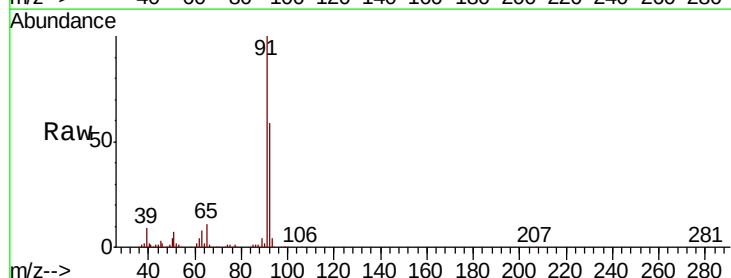
Instrument :
MSVOA_D
ClientSampleId :

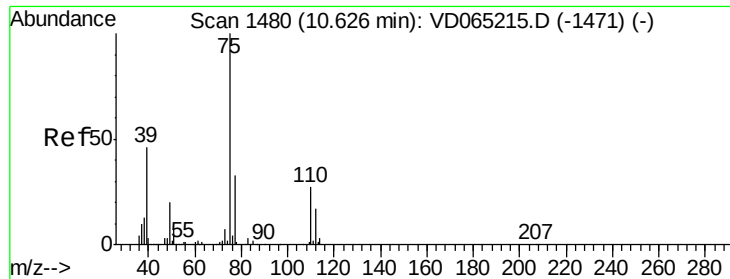
Tot Ion: 43 Resp: 468409
Ion Ratio Lower Upper
43 100
58 39.4 31.1 46.7



#52
Toluene
Concen: 48.077 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 92 Resp: 447379
Ion Ratio Lower Upper
92 100
91 172.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 47.518 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

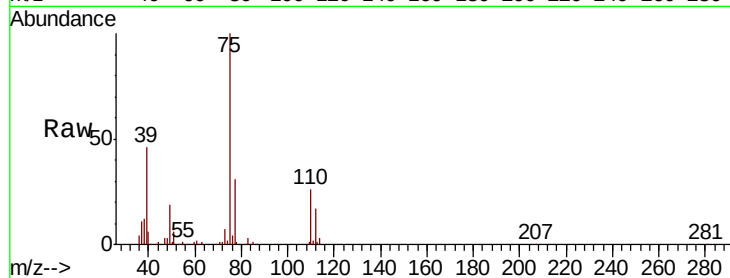
ClientSampled :

Tot Ion: 75 Resp: 223258

Ion Ratio Lower Upper

75 100

77 31.0 26.6 40.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.63

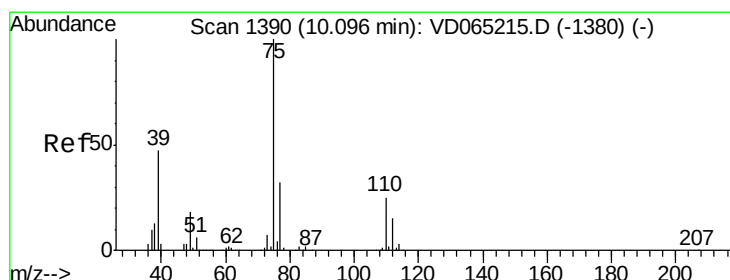
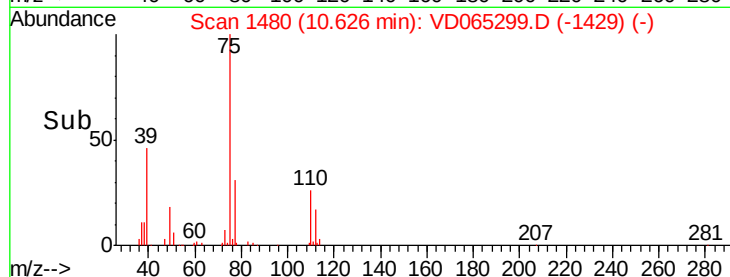
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.461 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

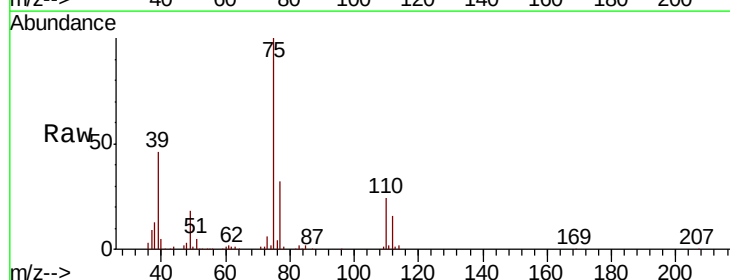
Tgt Ion: 75 Resp: 274942

Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

39 45.4 37.3 55.9



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

200000

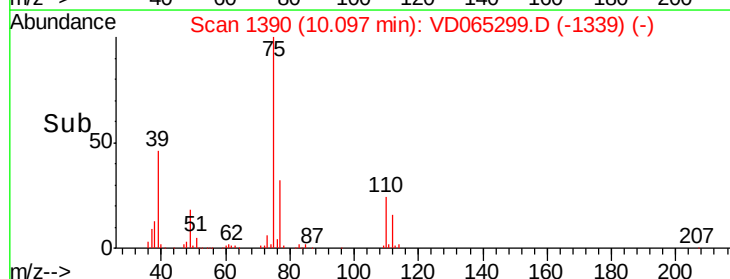
150000

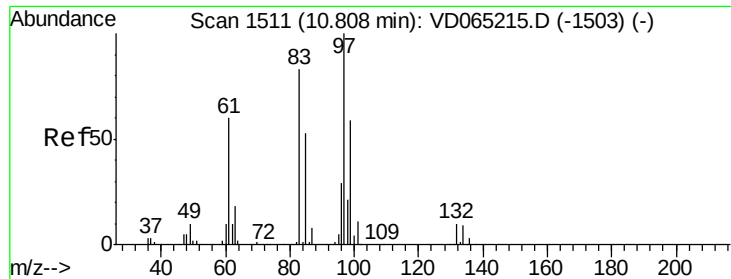
100000

50000

0

Time-->

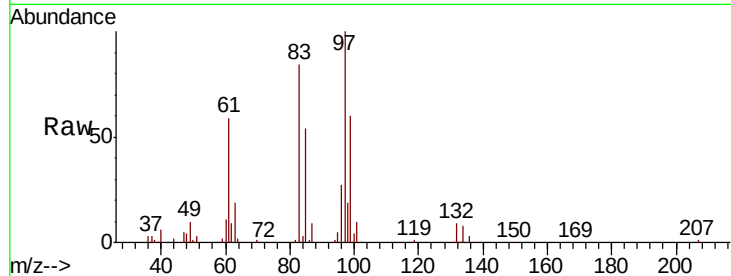




#55
 1,1,2-Trichloroethane
 Concen: 47.818 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:	97	Resp:	129452
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.7	100.1
85	54.1	42.4	63.6
99	60.4	47.5	71.3



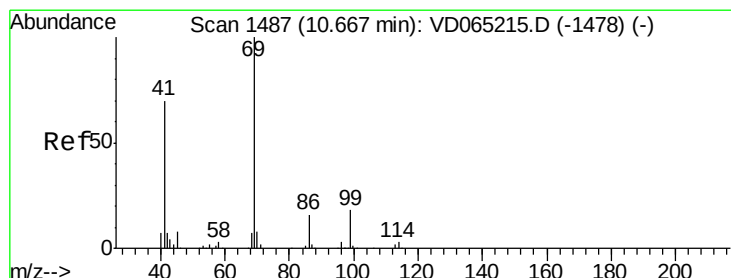
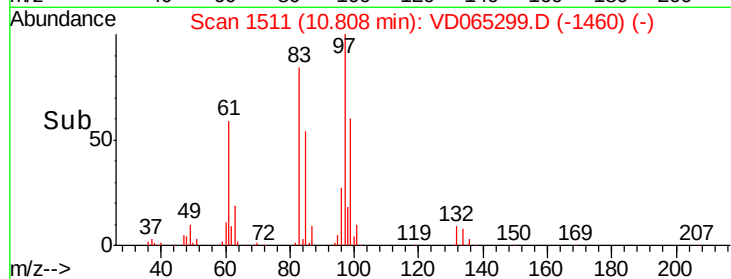
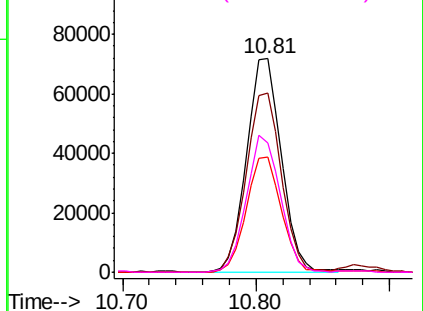
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

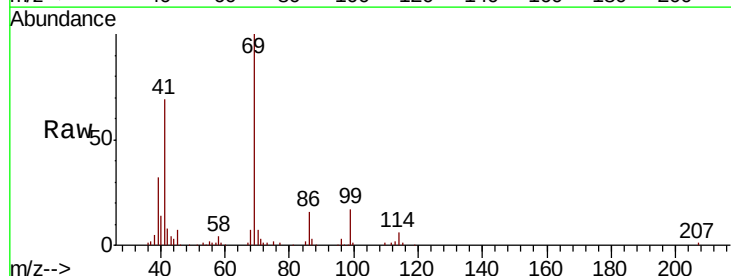
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 27.730 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion:	69	Resp:	86647
Ion	Ratio	Lower	Upper
69	100		
41	65.4	54.6	81.8
39	27.0	26.5	39.7

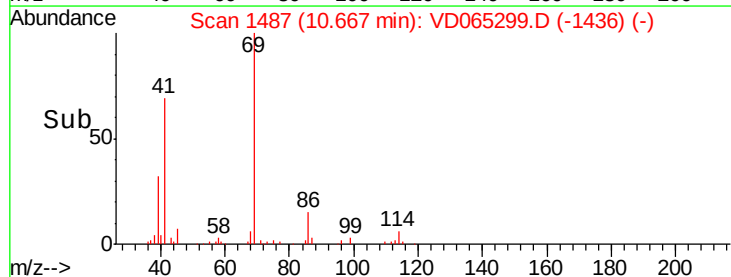
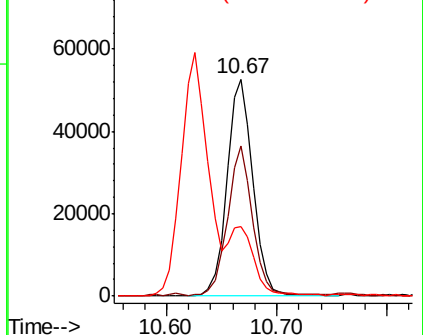


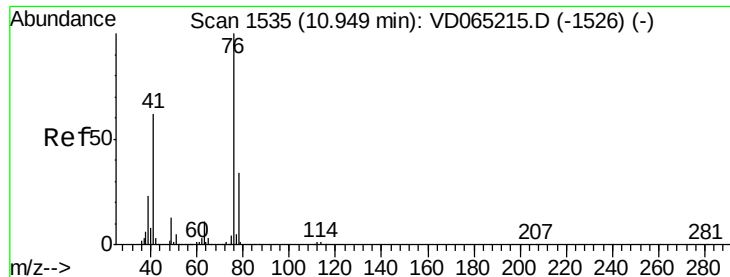
Abundance

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: 48.626 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

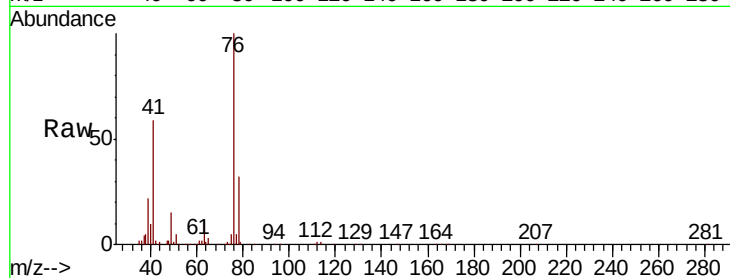
ClientSampled :

Tot Ion: 76 Resp: 224048

Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

10.95

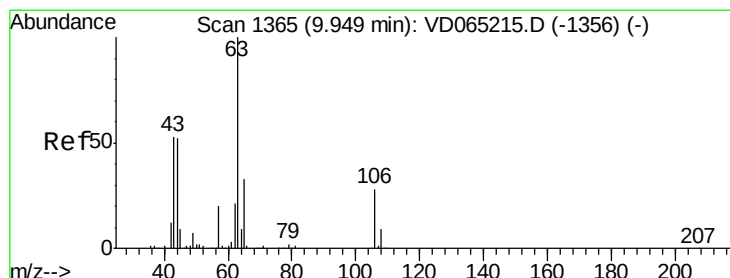
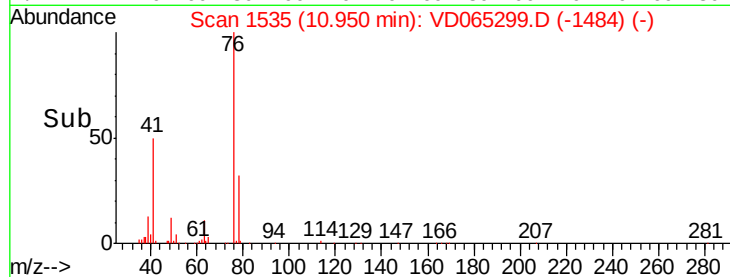
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 223.775 ug/l

RT: 9.95 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VD065299.D

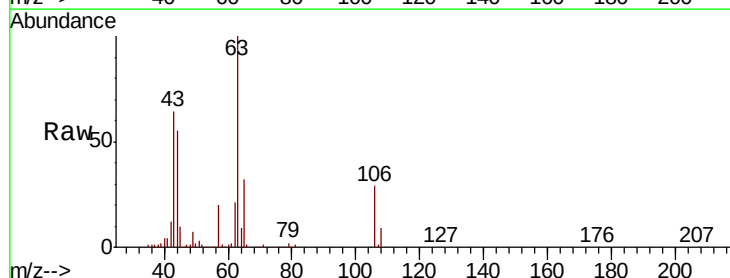
Acq: 24 Feb 2020 17:21

Tgt Ion: 63 Resp: 220447

Ion Ratio Lower Upper

63 100

106 29.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

9.95

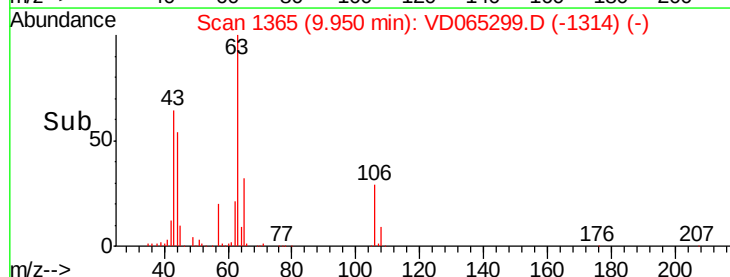
150000

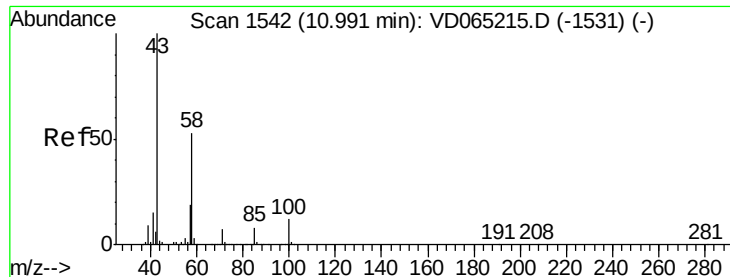
100000

50000

0

Time-->

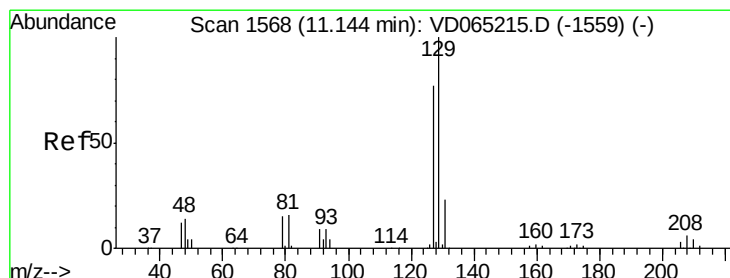
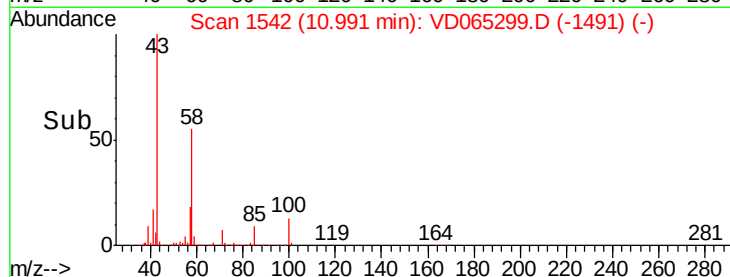
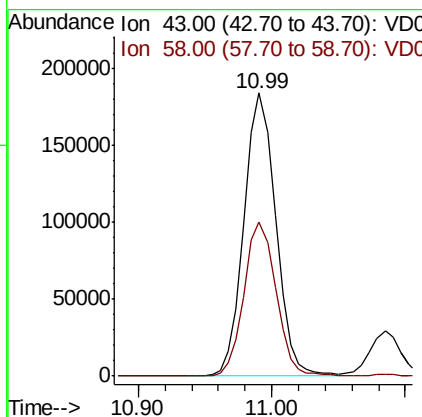
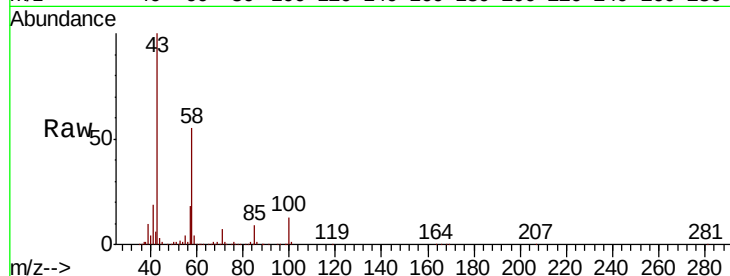




#59
2-Hexanone
Concen: 206.010 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

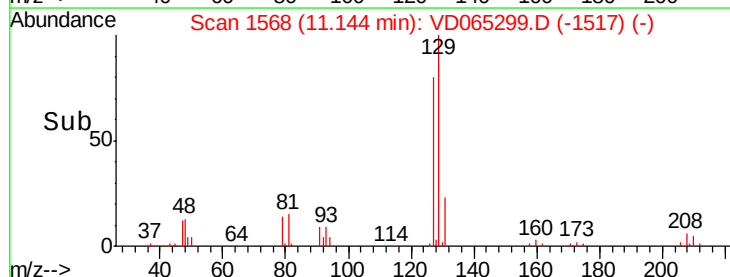
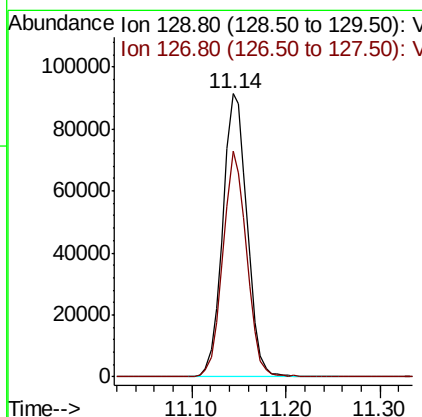
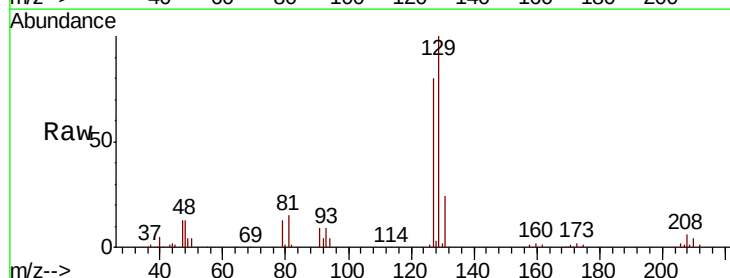
Instrument :
MSVOA_D
ClientSampleId :

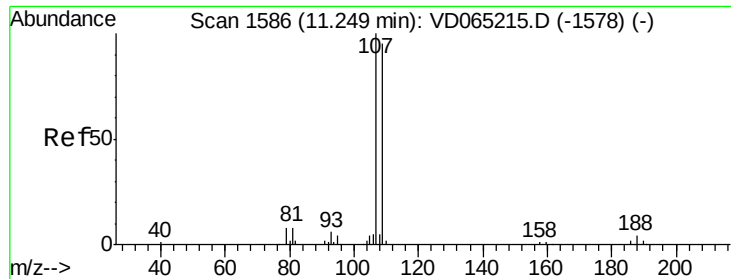
Tot Ion: 43 Resp: 303276
Ion Ratio Lower Upper
43 100
58 55.2 26.3 78.8



#60
Dibromochloromethane
Concen: 47.632 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion:129 Resp: 165043
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

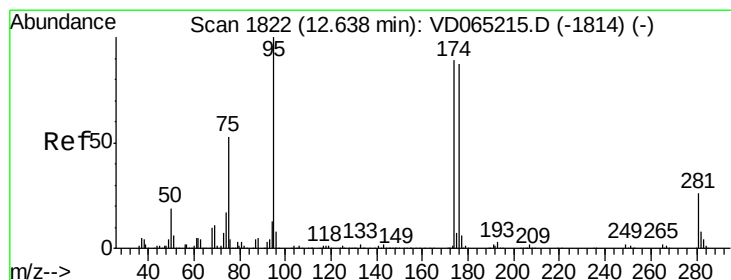
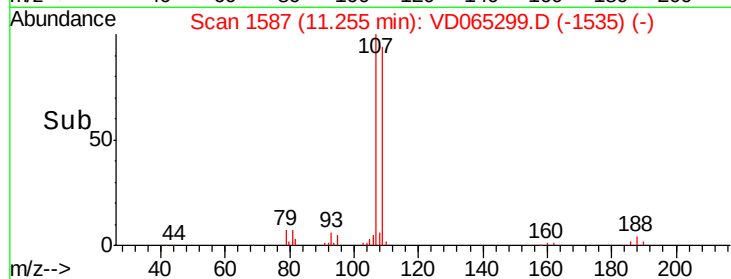
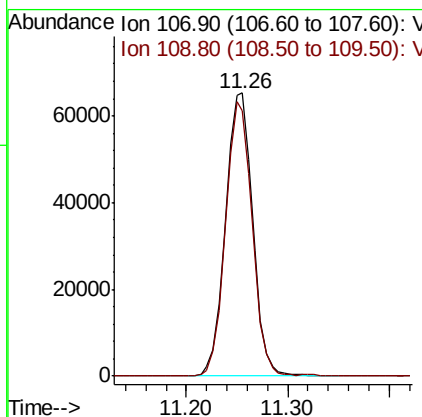
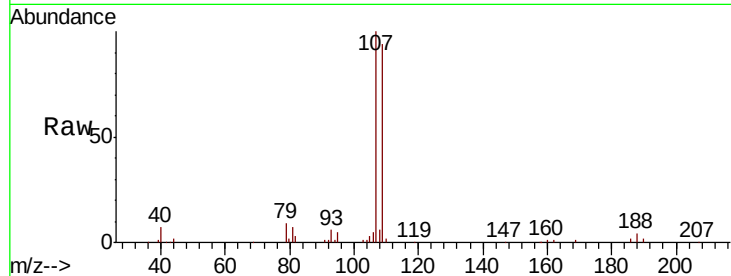




#61
 1,2-Dibromoethane
 Concen: 47.302 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

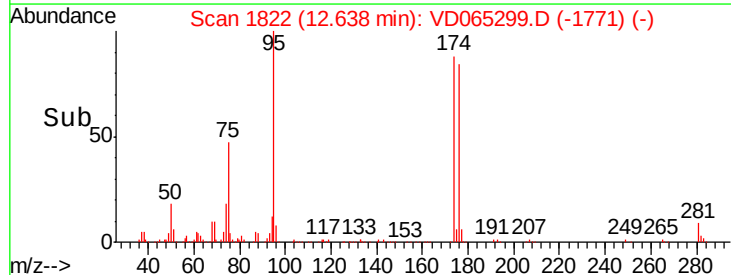
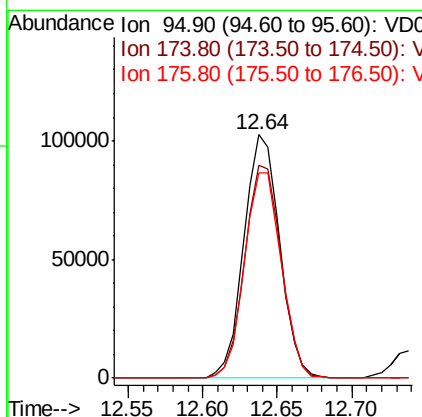
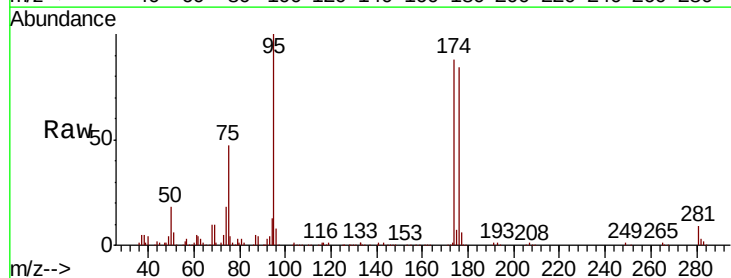
Instrument :
 MSVOA_D
 ClientSampleId :

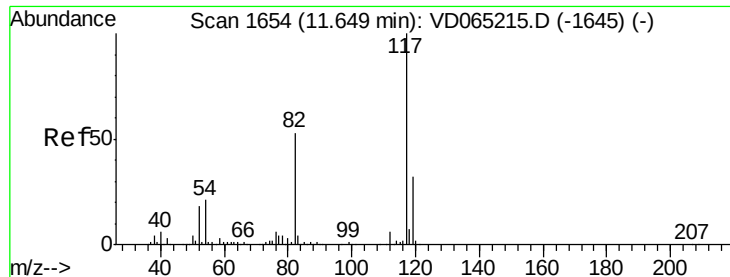
Tot Ion:107 Resp: 121245
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 42.178 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion: 95 Resp: 170488
 Ion Ratio Lower Upper
 95 100
 174 88.7 0.0 178.0
 176 86.8 0.0 174.4

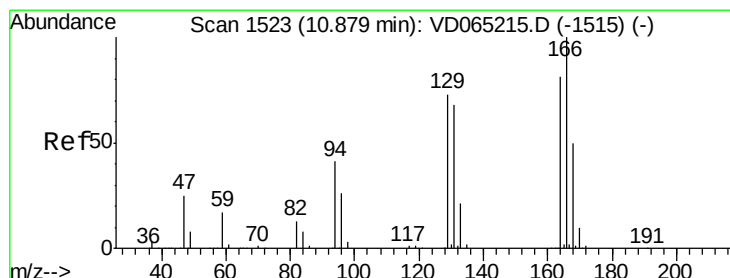
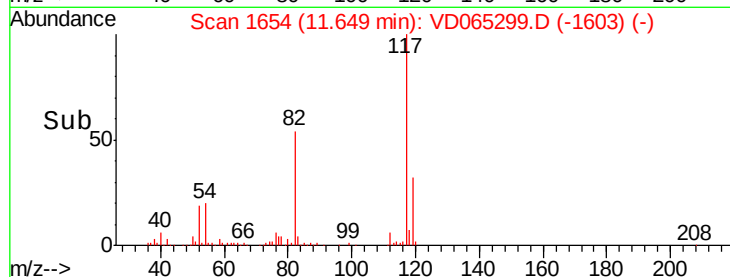
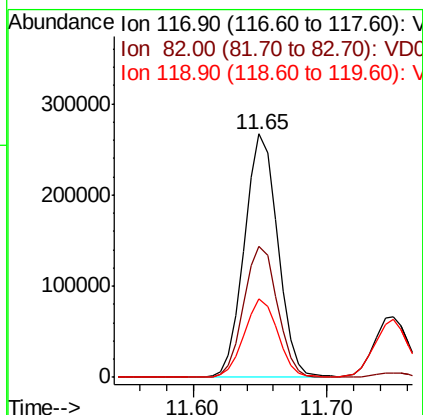
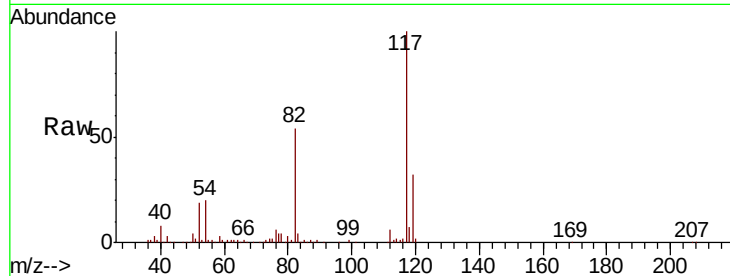




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

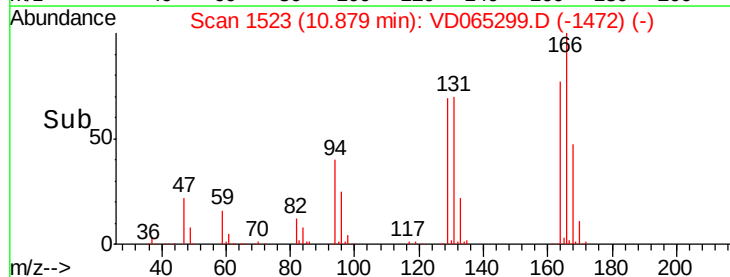
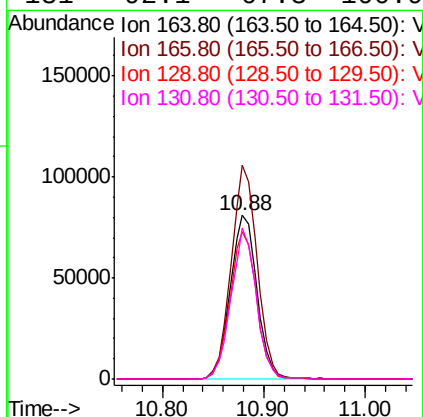
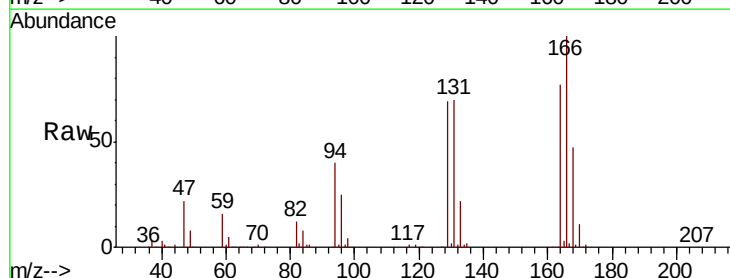
Instrument :
MSVOA_D
ClientSampleId :

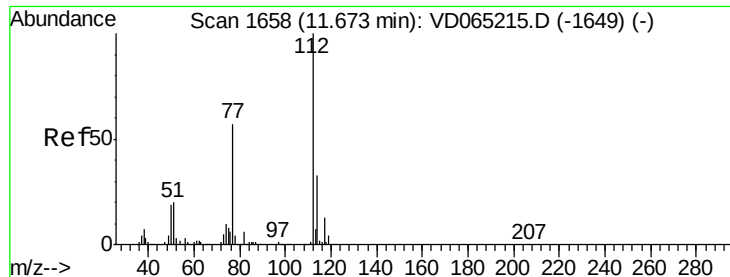
Tot Ion:117 Resp: 461639
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 45.178 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion:164 Resp: 147917
Ion Ratio Lower Upper
164 100
166 130.6 98.4 147.6
129 90.2 71.6 107.4
131 92.1 67.3 100.9

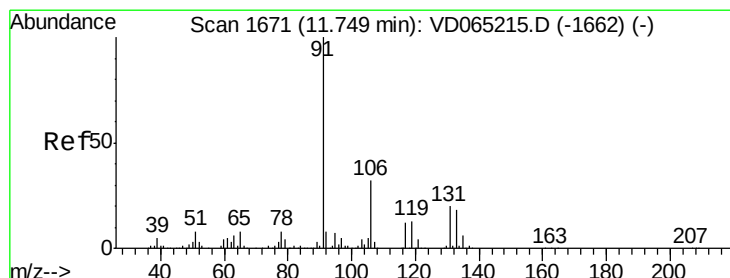
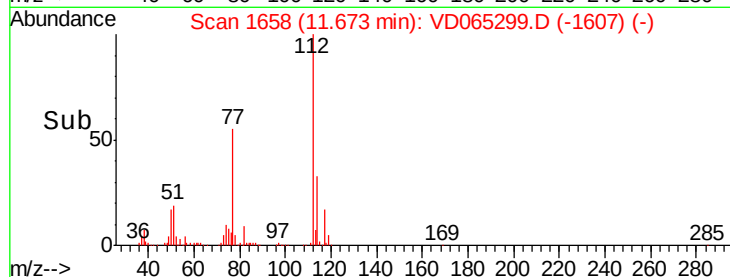
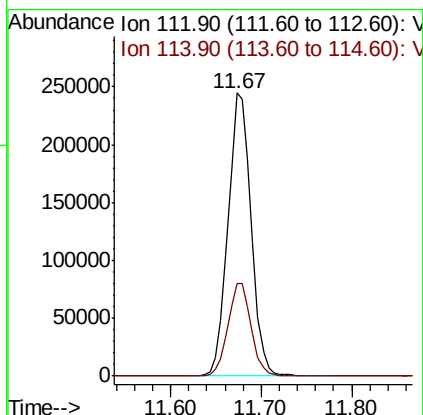
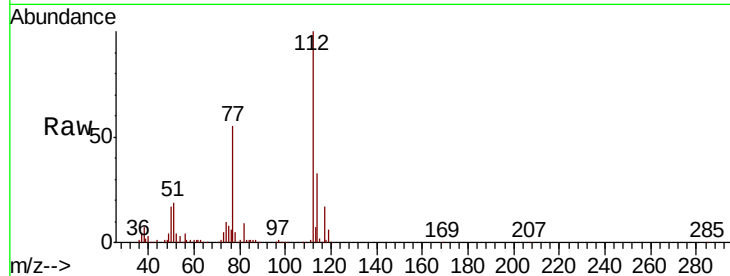




#65
Chlorobenzene
Concen: 46.858 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

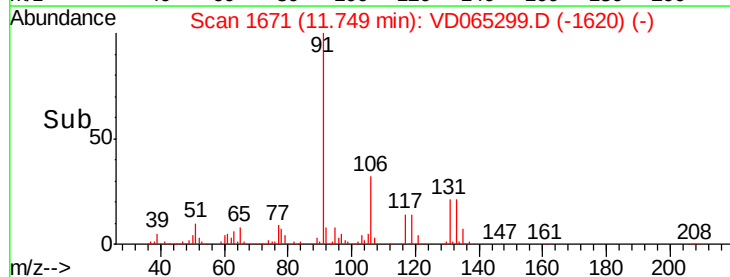
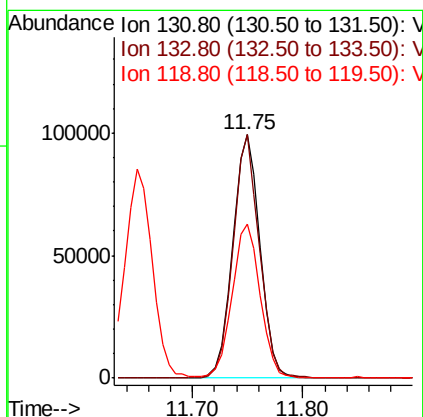
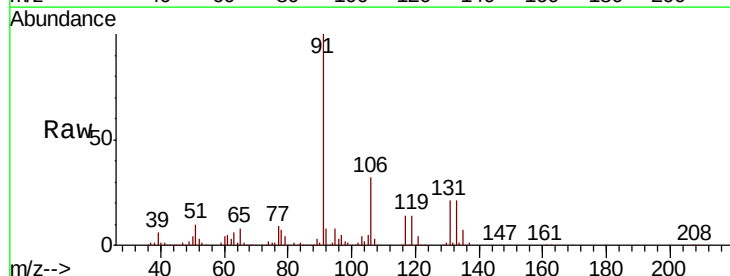
Instrument :
MSVOA_D
ClientSampled :

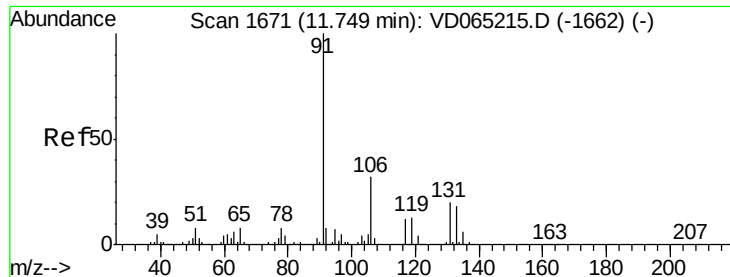
Tot Ion:112 Resp: 434094
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.811 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion:131 Resp: 172201
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 65.6 32.7 98.1

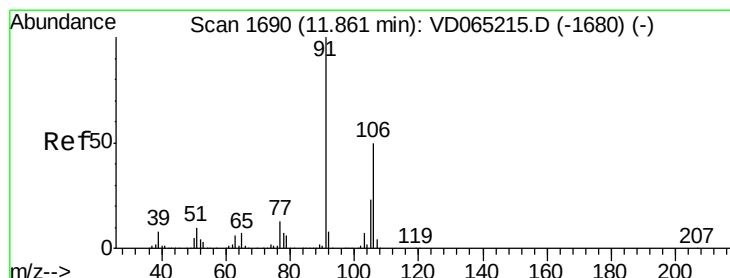
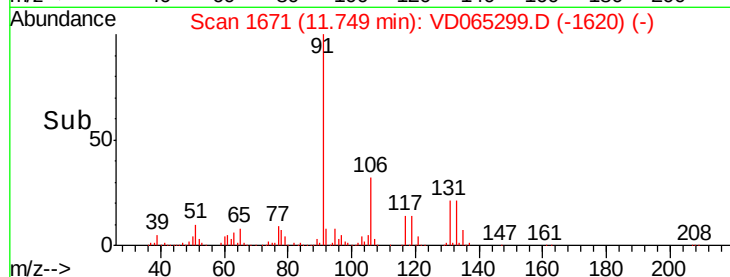
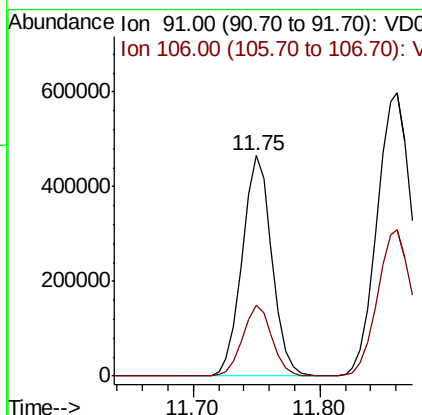
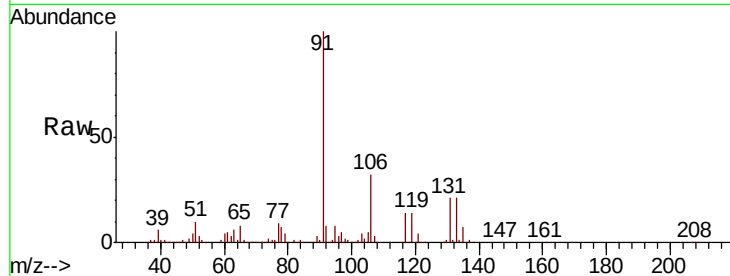




#67
Ethyl Benzene
Concen: 46.812 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

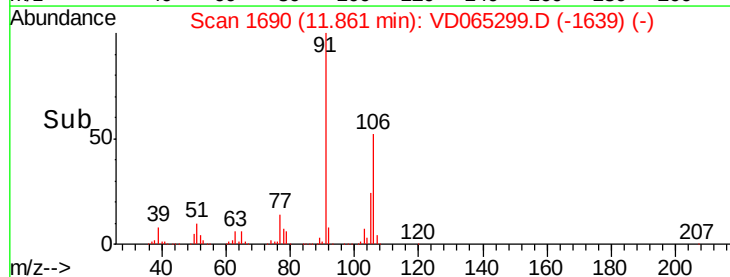
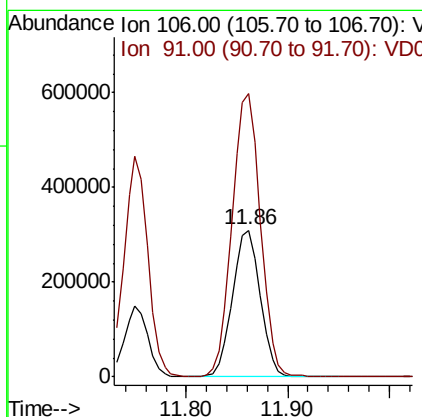
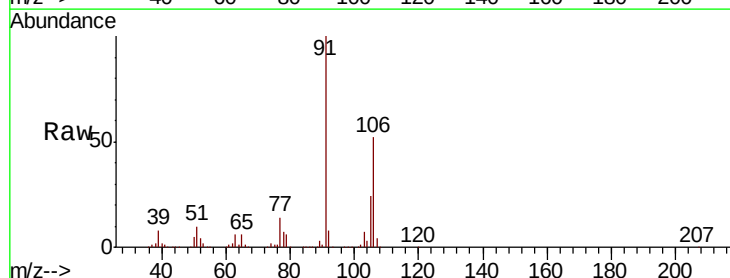
Instrument :
MSVOA_D
ClientSampled :

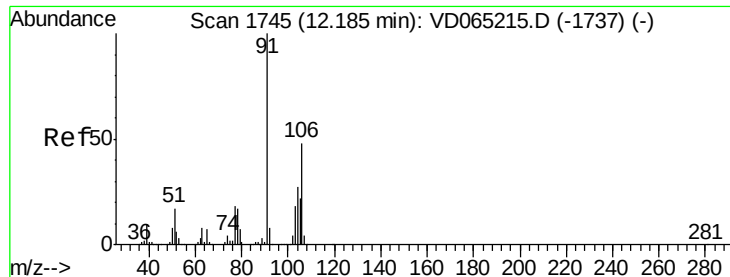
Tot Ion: 91 Resp: 759522
Ion Ratio Lower Upper
91 100
106 32.0 25.2 37.8



#68
m/p-Xylenes
Concen: 94.914 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 106 Resp: 589179
Ion Ratio Lower Upper
106 100
91 196.4 158.2 237.4

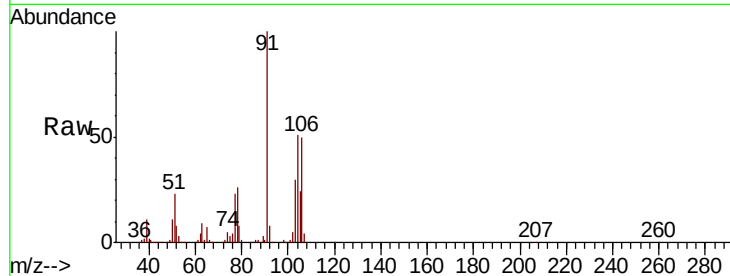




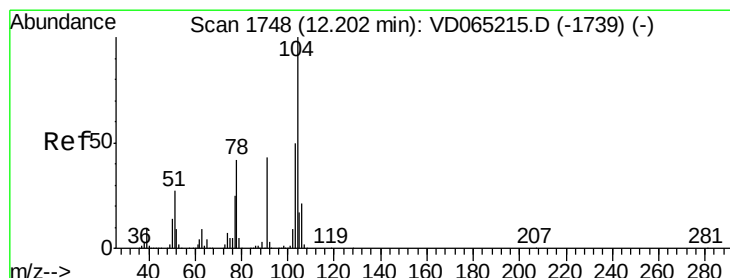
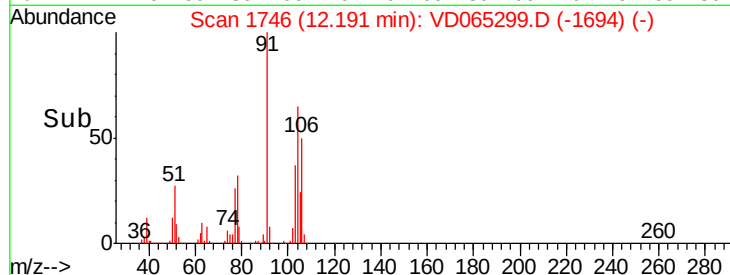
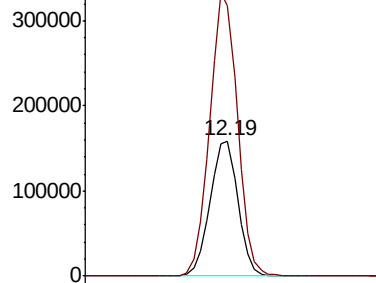
#69
o-Xylene
Concen: 48.582 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 267175
Ion Ratio Lower Upper
106 100
91 207.3 104.7 313.9

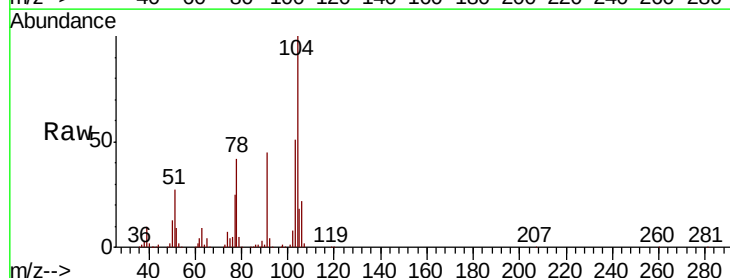


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

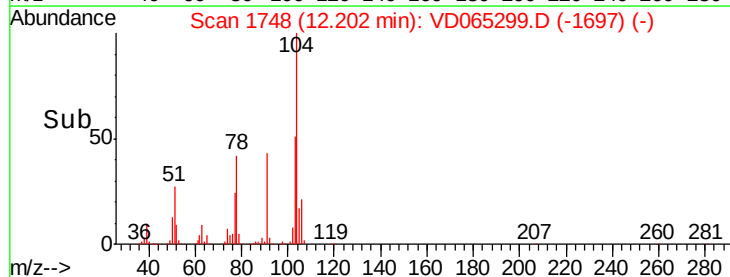
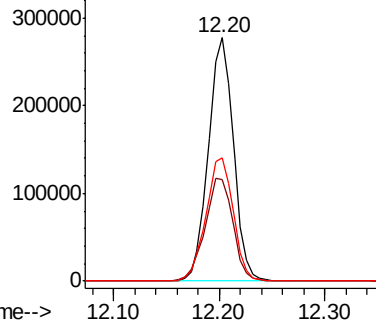


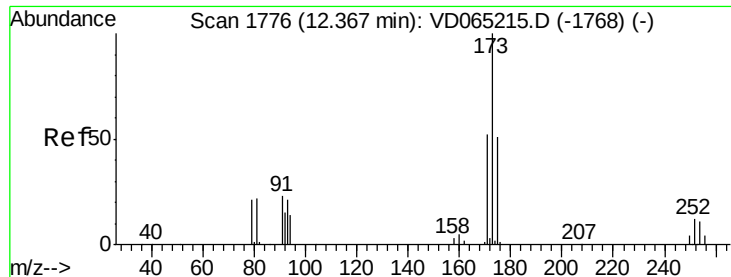
#70
Styrene
Concen: 46.725 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion:104 Resp: 456233
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.6
103 55.2 43.4 65.2



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: 47.609 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

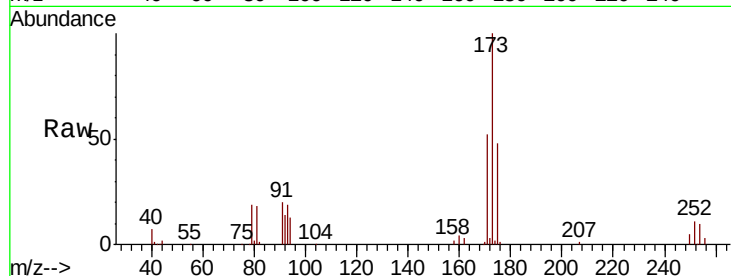
Tot Ion:173 Resp: 91330

Ion Ratio Lower Upper

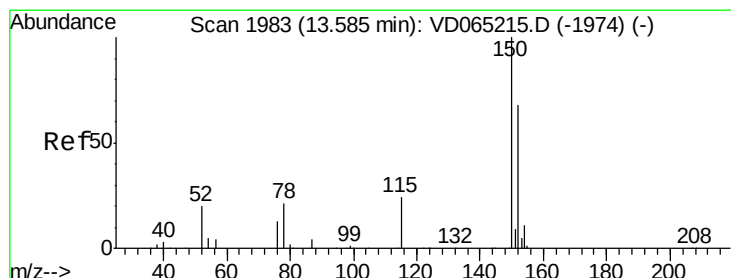
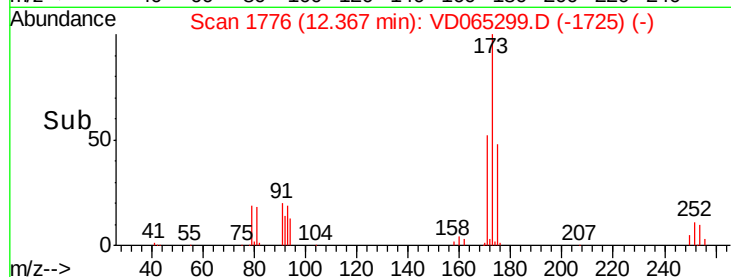
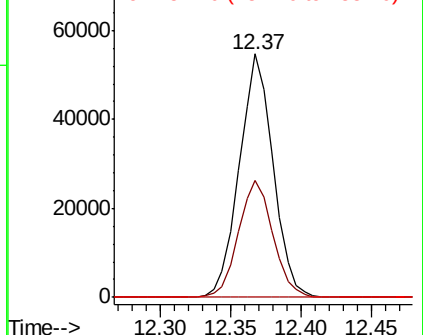
173 100

175 49.2 24.4 73.4

254 0.0 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: VD065299.D

Acq: 24 Feb 2020 17:21

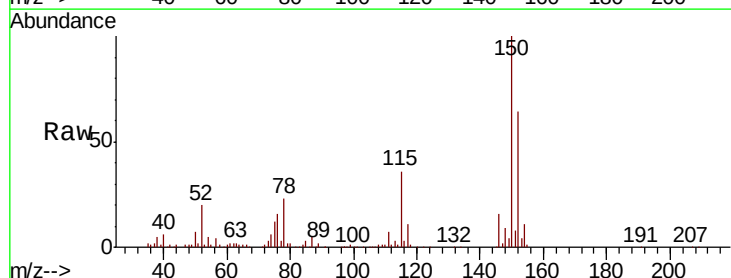
Tgt Ion:152 Resp: 177356

Ion Ratio Lower Upper

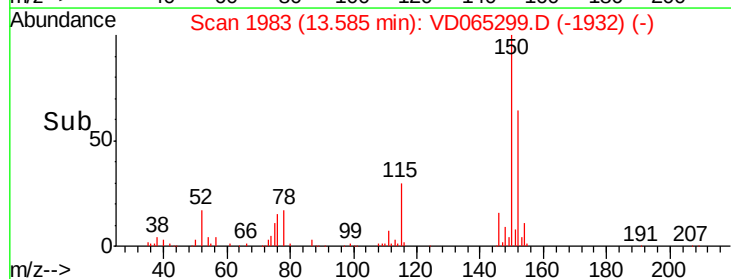
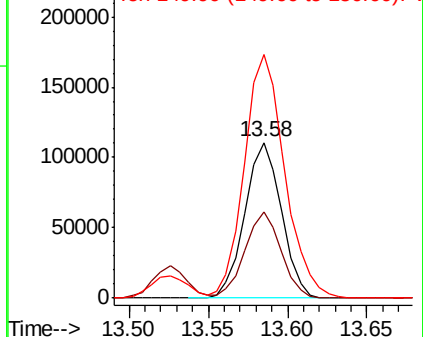
152 100

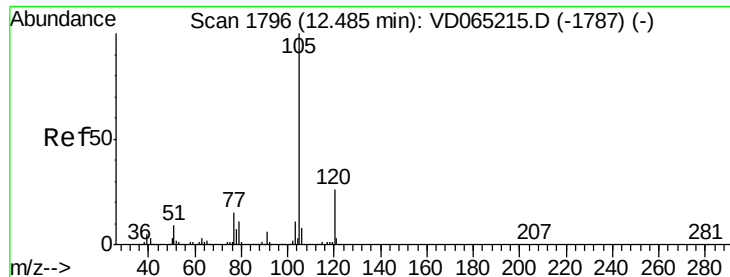
115 54.8 27.6 82.8

150 172.7 0.0 347.4



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: 54.174 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

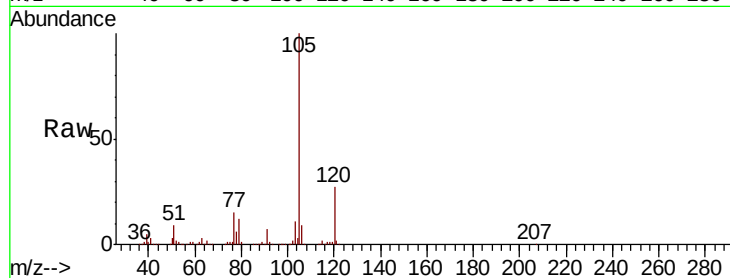
ClientSampleId :

Tot Ion:105 Resp: 636095

Ion Ratio Lower Upper

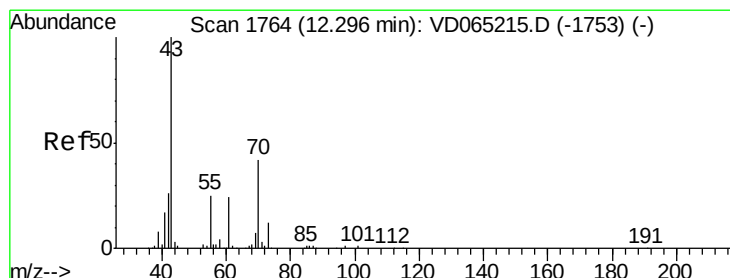
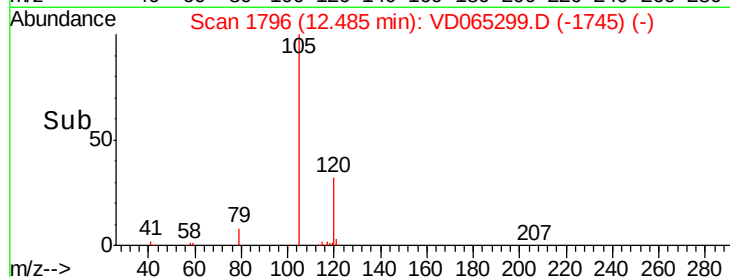
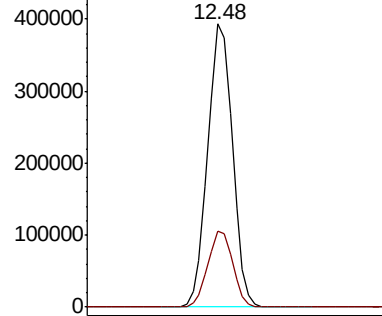
105 100

120 27.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.848 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Tgt Ion: 43 Resp: 25693

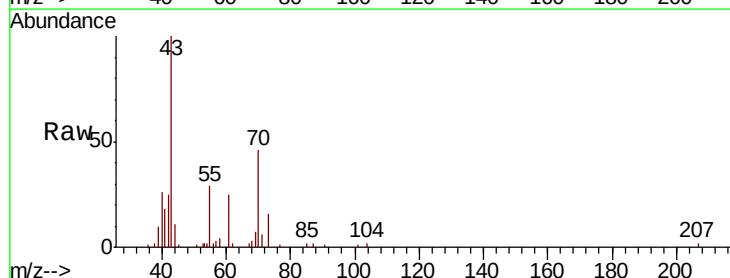
Ion Ratio Lower Upper

43 100

70 47.1 33.7 50.5

55 31.2 20.7 31.1#

61 26.7 19.0 28.4

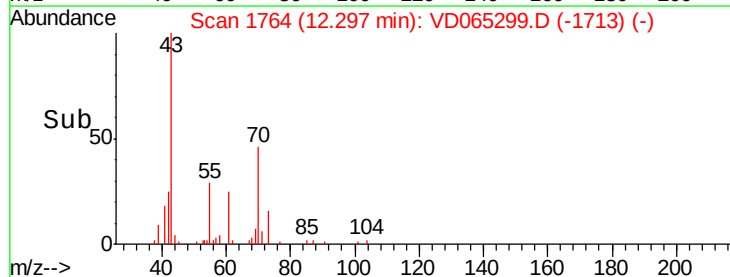
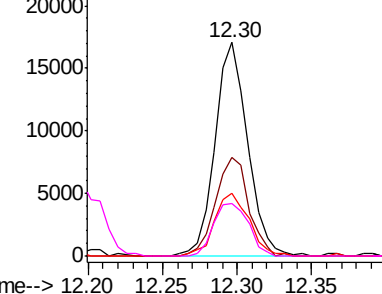


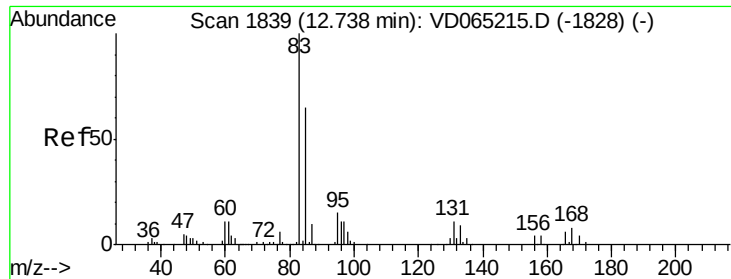
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 61.00 (60.70 to 61.70): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 60.509 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampled :

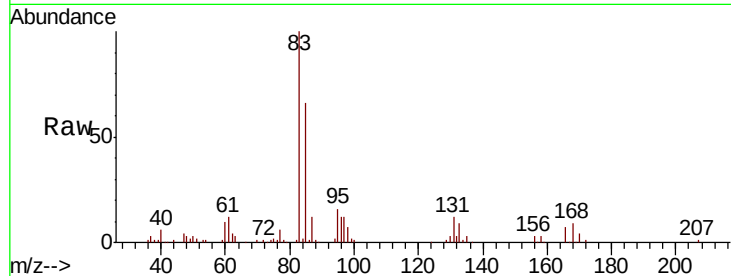
Tot Ion: 83 Resp: 128226

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

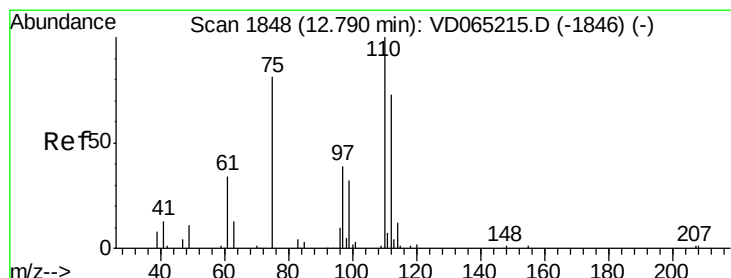
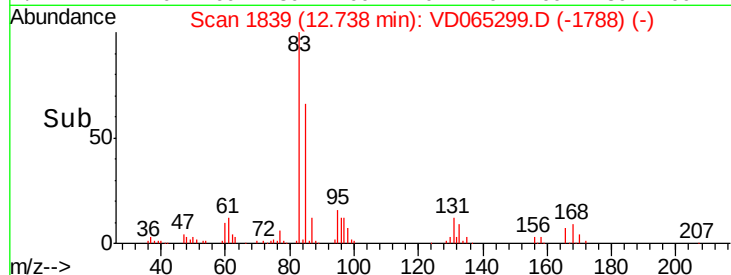
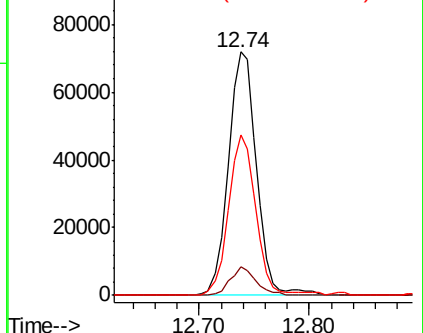
85 63.3 31.6 94.8



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: 106.900 ug/l

RT: 12.80 min Scan# 1849

Delta R.T. 0.01 min

Lab File: VD065299.D

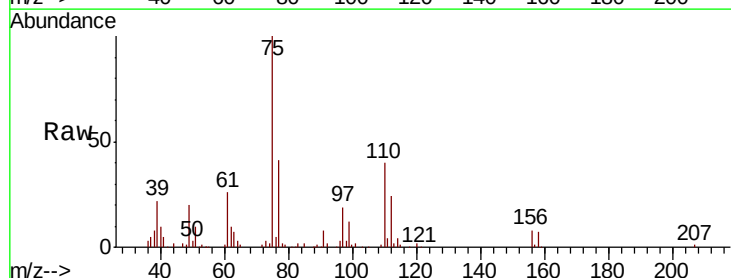
Acq: 24 Feb 2020 17:21

Tgt Ion: 75 Resp: 161312

Ion Ratio Lower Upper

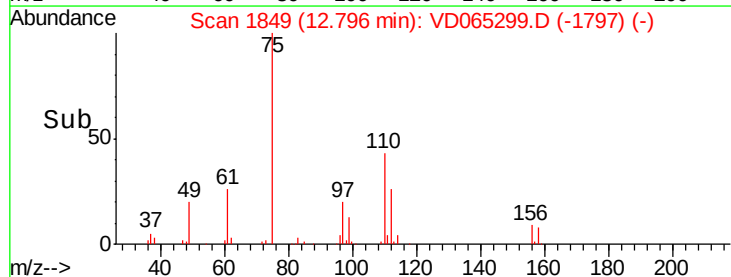
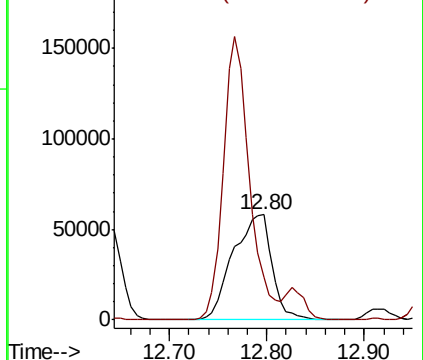
75 100

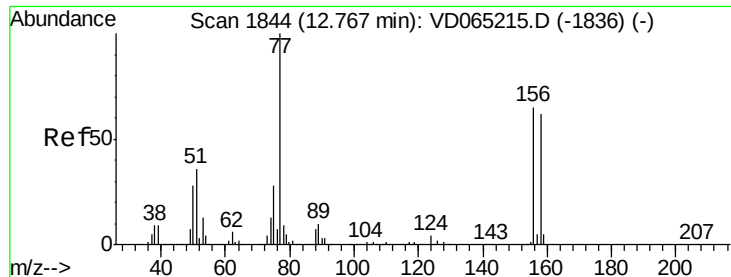
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 58.037 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

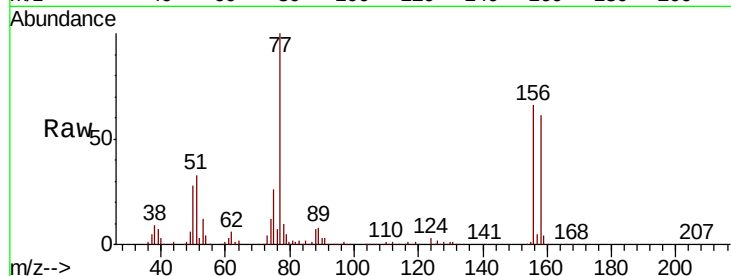
Tot Ion:156 Resp: 169217

Ion Ratio Lower Upper

156 100

77 173.1 86.6 259.7

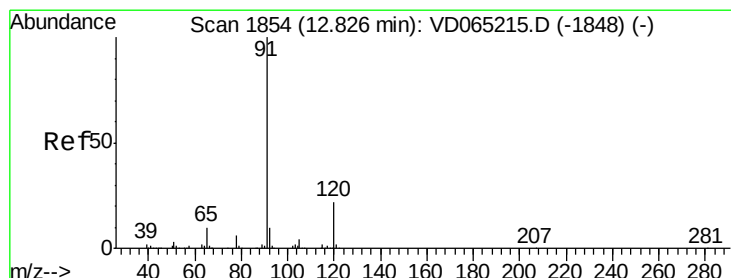
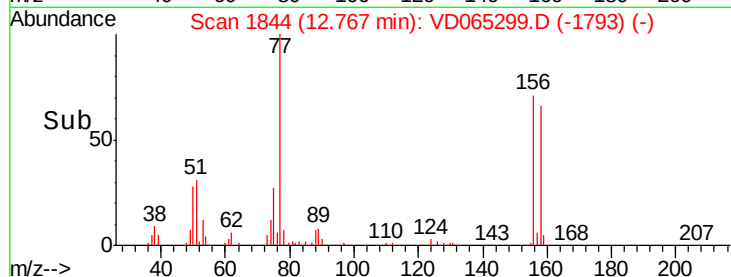
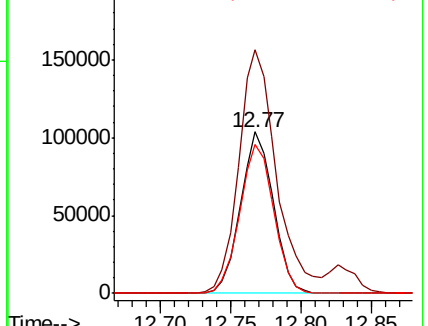
158 95.4 48.1 144.3



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: 49.535 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065299.D

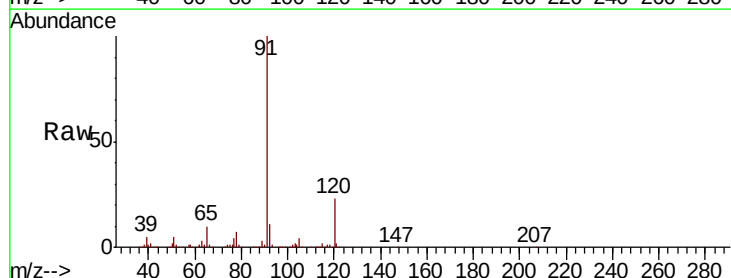
Acq: 24 Feb 2020 17:21

Tgt Ion: 91 Resp: 698965

Ion Ratio Lower Upper

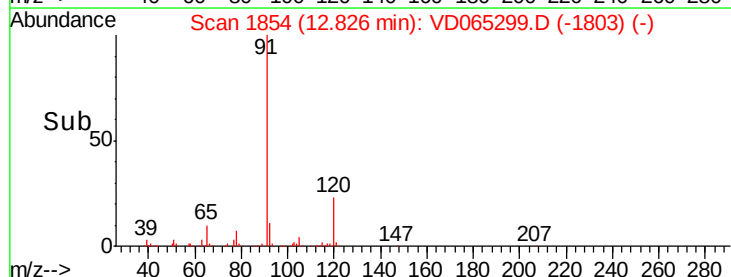
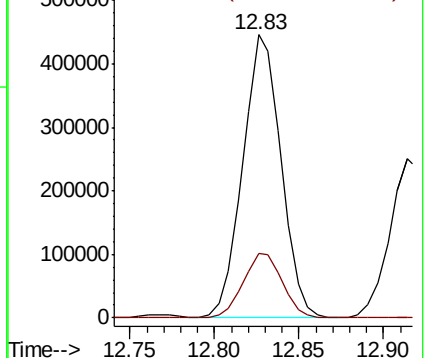
91 100

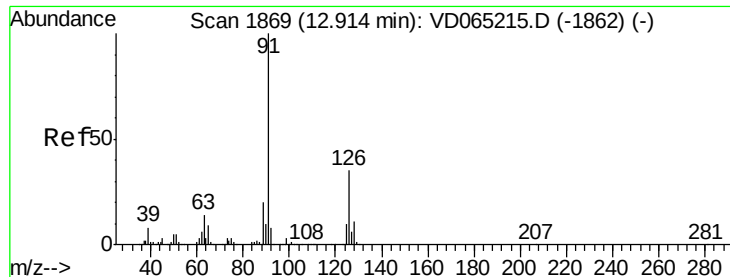
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

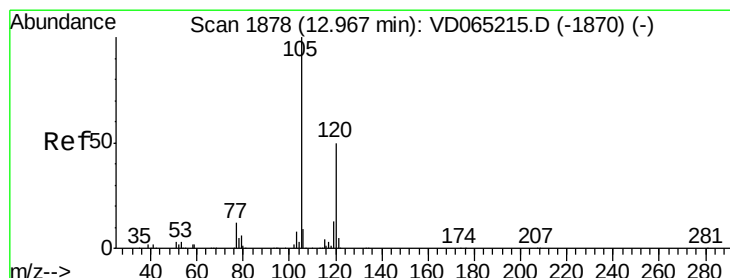
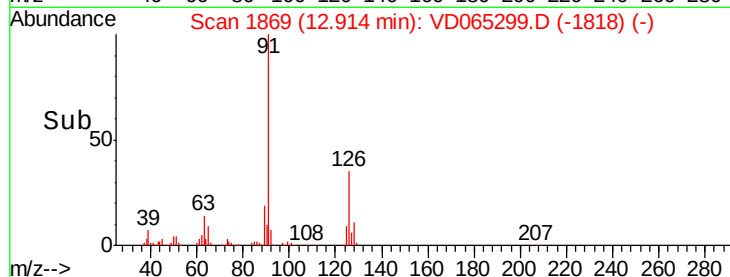
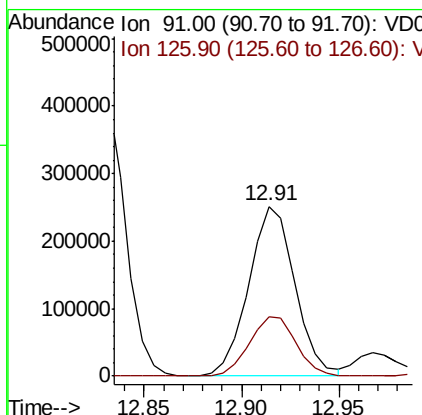
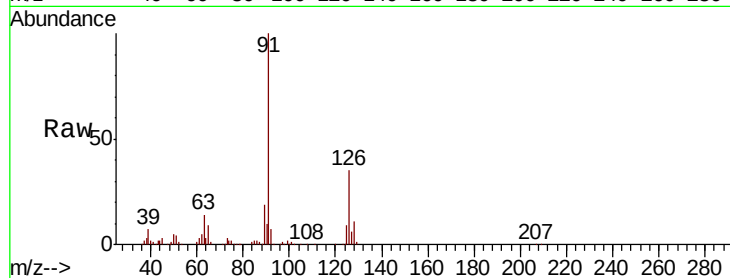




#79
2-Chlorotoluene
Concen: 52.091 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

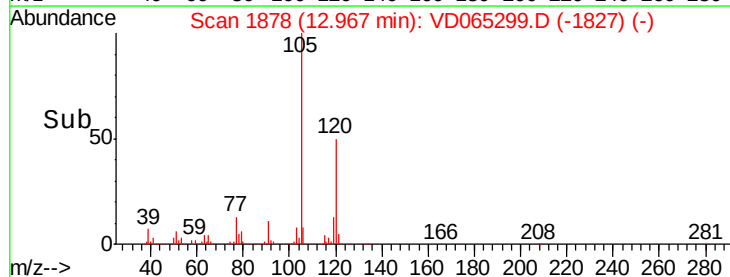
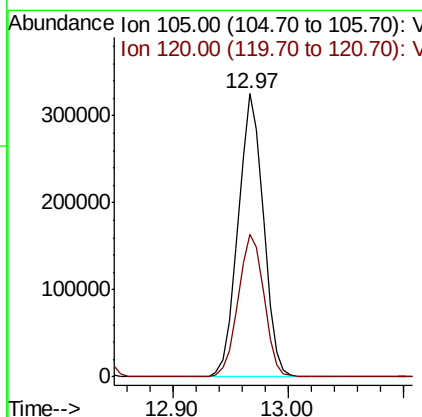
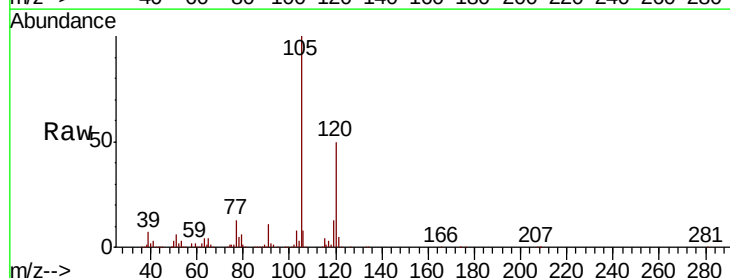
Instrument :
MSVOA_D
ClientSampleId :

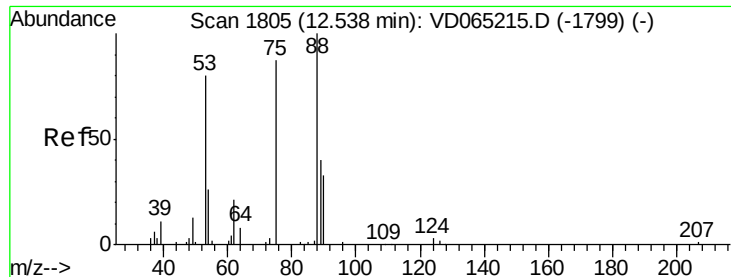
Tot Ion: 91 Resp: 411767
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 51.091 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 105 Resp: 494099
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 58.175 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

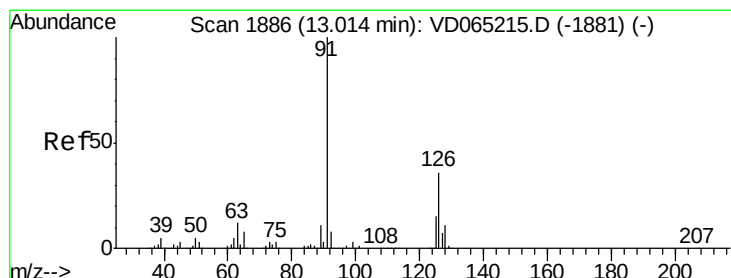
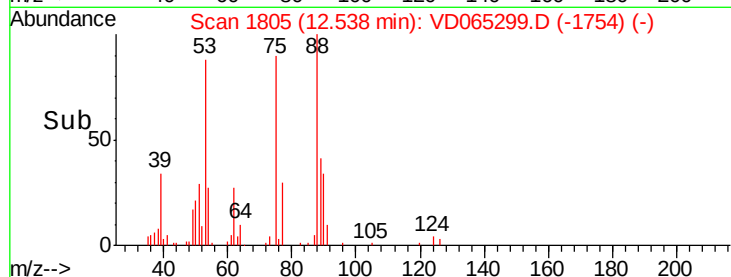
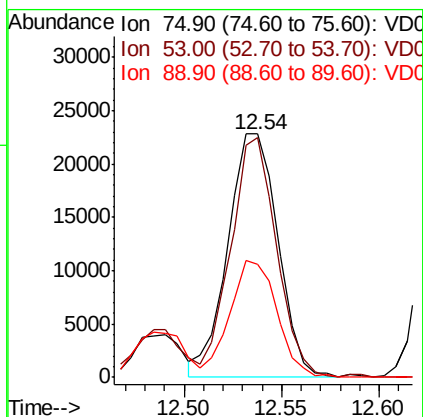
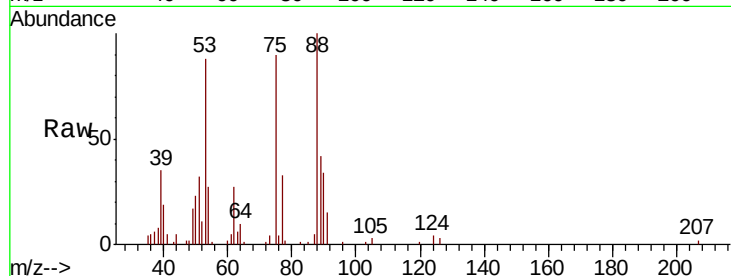
Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 40657

Ion	Ratio	Lower	Upper
75	100		
53	89.7	77.6	116.4
89	44.8	37.2	55.8



#82

4-Chlorotoluene

Concen: 51.256 ug/l

RT: 13.01 min Scan# 1886

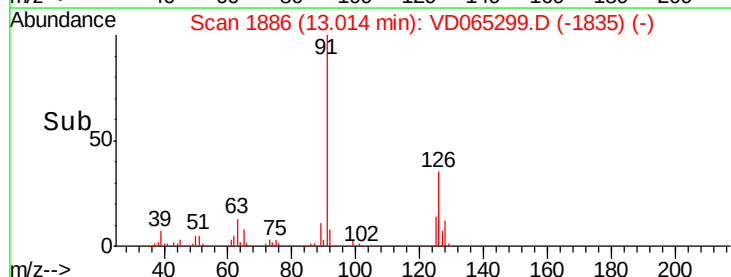
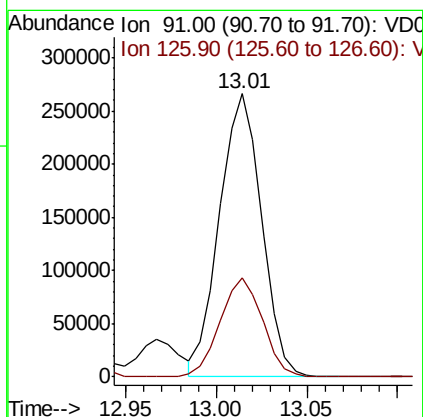
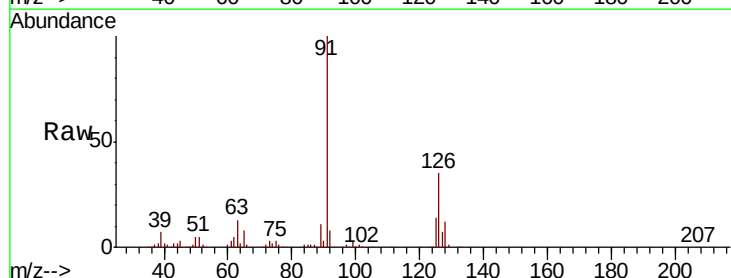
Delta R.T. 0.00 min

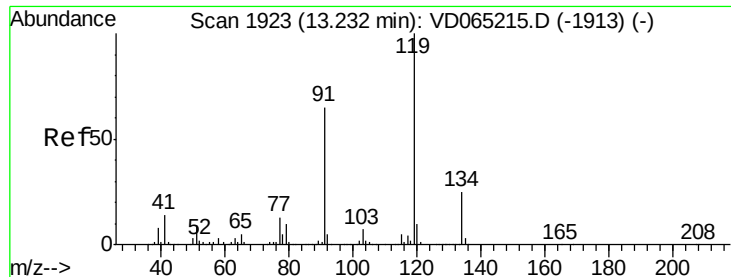
Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Tgt Ion: 91 Resp: 430141

Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.3

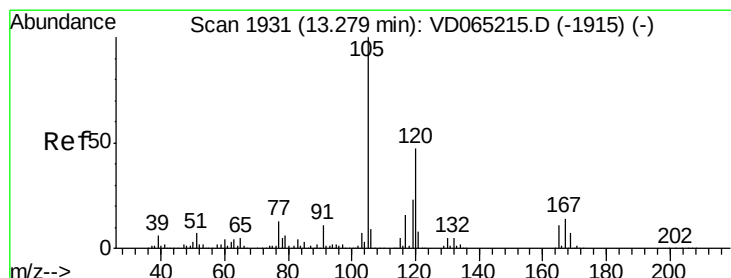
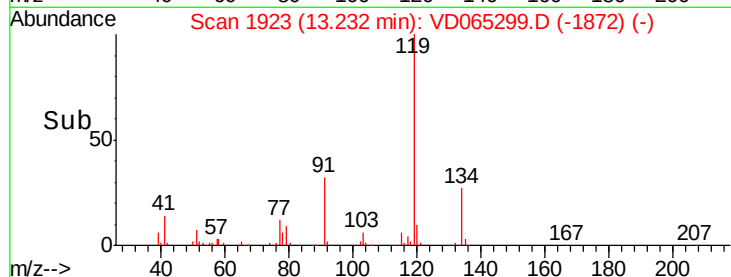
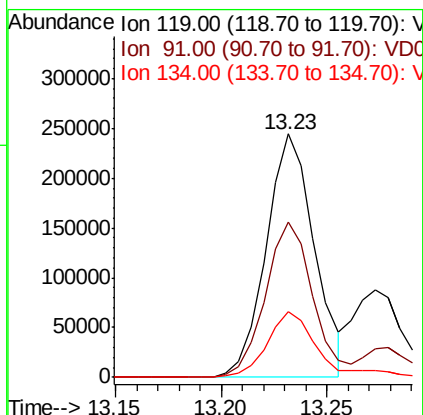
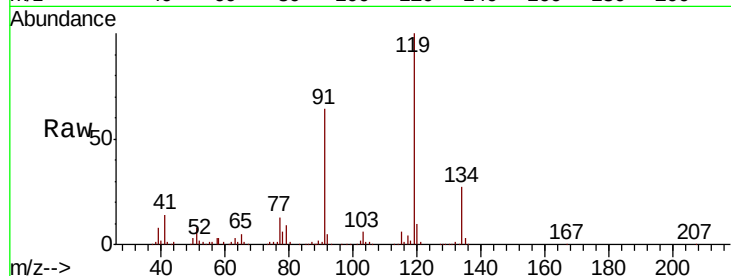




#83
 tert-Butylbenzene
 Concen: 47.863 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

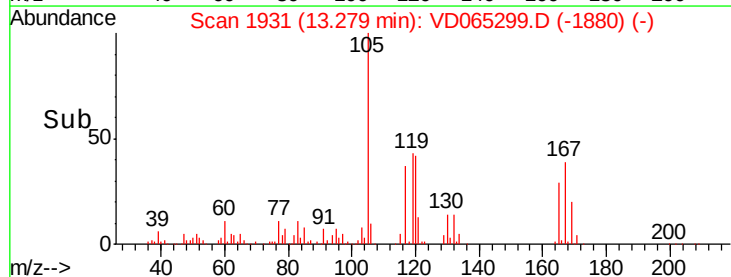
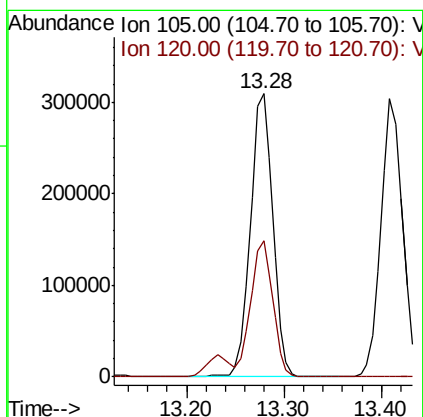
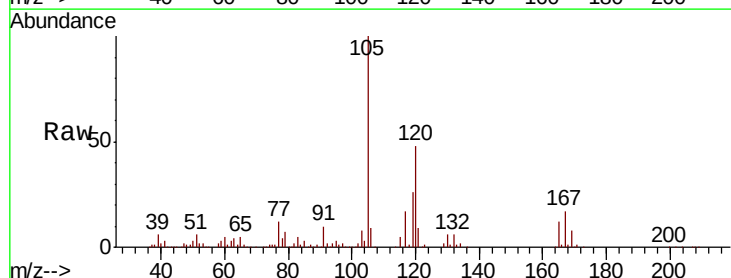
Instrument :
 MSVOA_D
 ClientSampled :

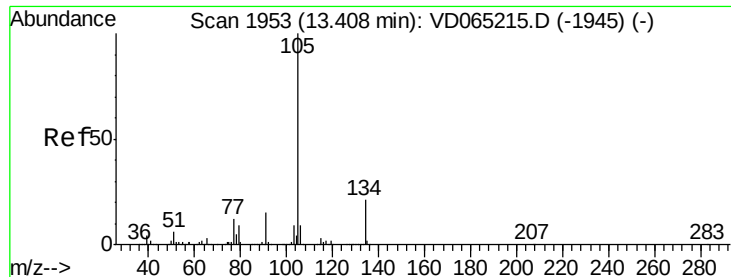
Tot Ion:119 Resp: 387953
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.9 95.5
 134 28.5 13.8 41.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.240 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion:105 Resp: 495992
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.9





#85

sec-Butylbenzene

Concen: 40.196 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

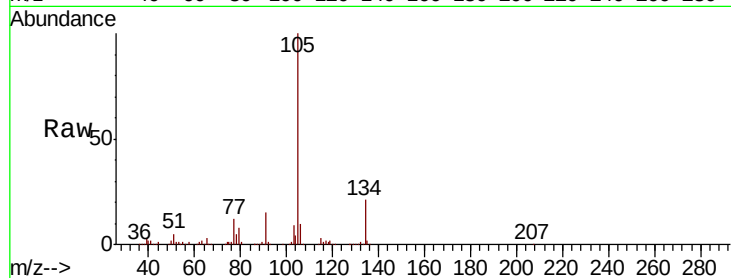
ClientSampleId :

Tot Ion:105 Resp: 469474

Ion Ratio Lower Upper

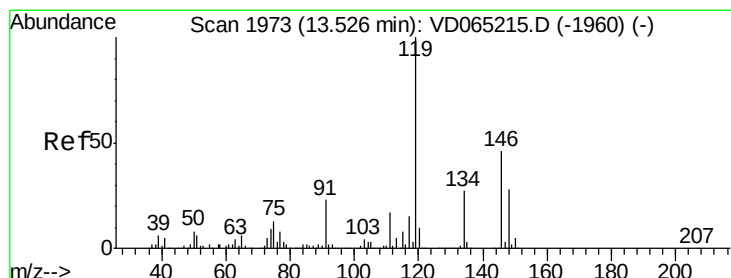
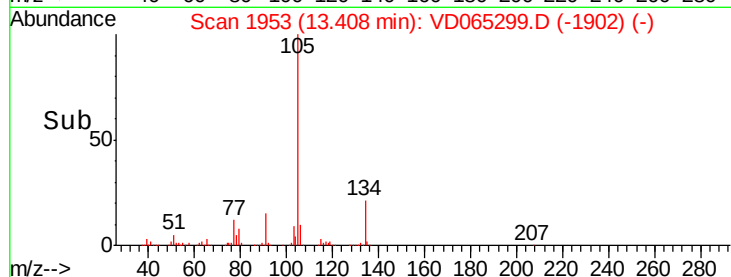
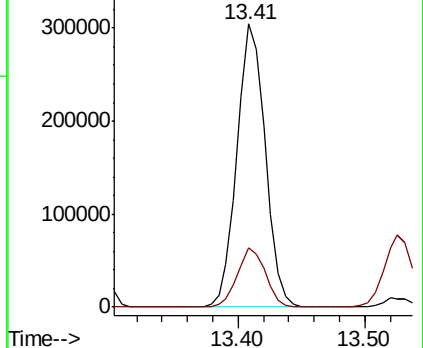
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 41.382 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

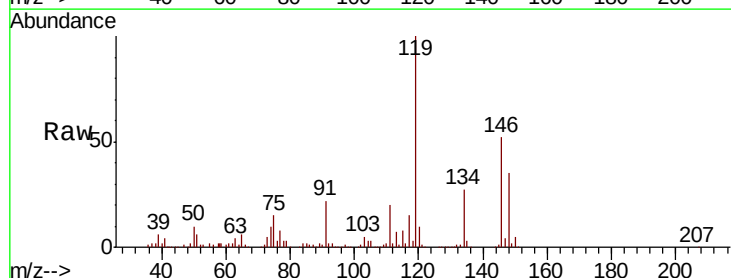
Tgt Ion:119 Resp: 441993

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

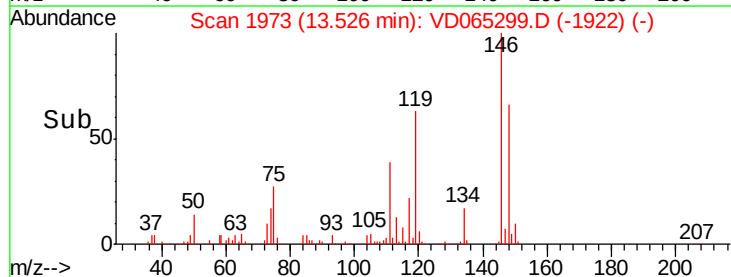
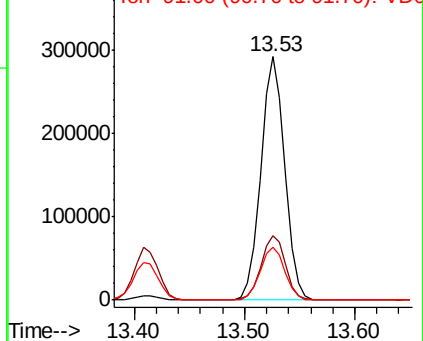
91 22.2 11.1 33.1

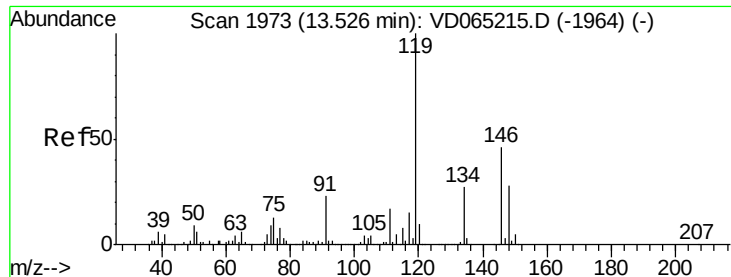


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

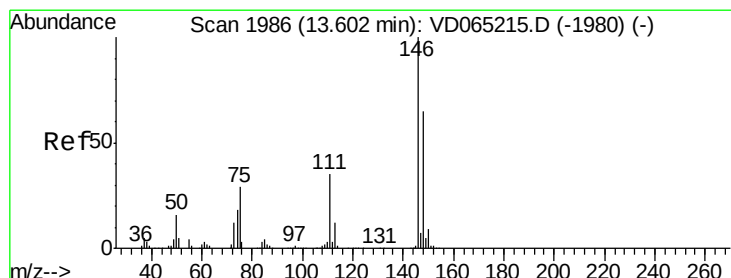
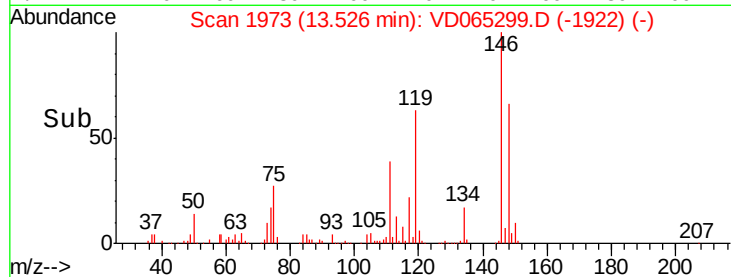
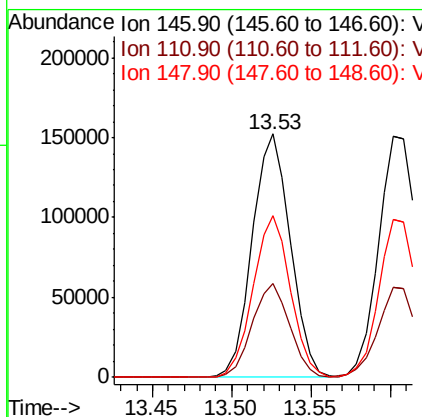
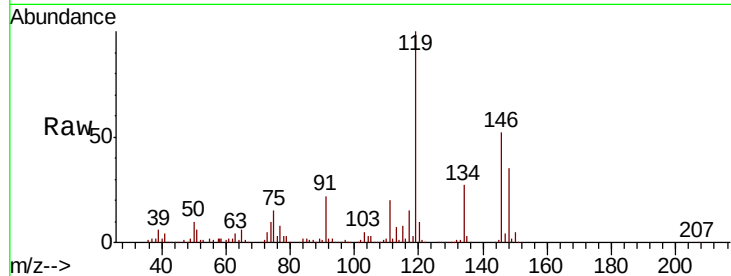




#87
 1,3-Dichlorobenzene
 Concen: 45.261 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

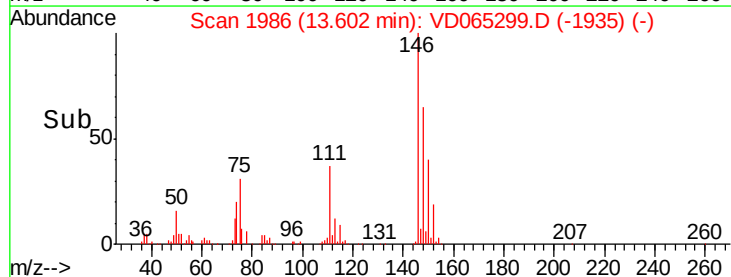
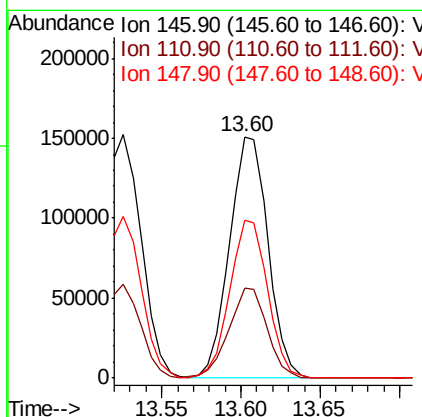
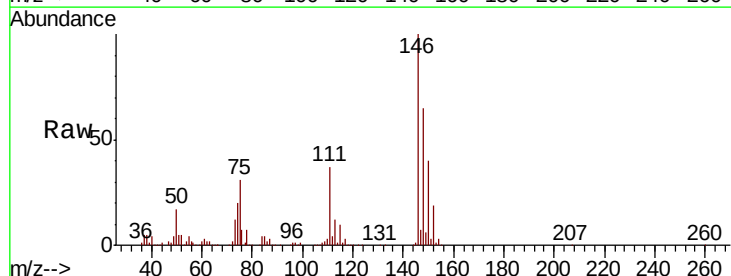
Instrument :
 MSVOA_D
 ClientSampleId :

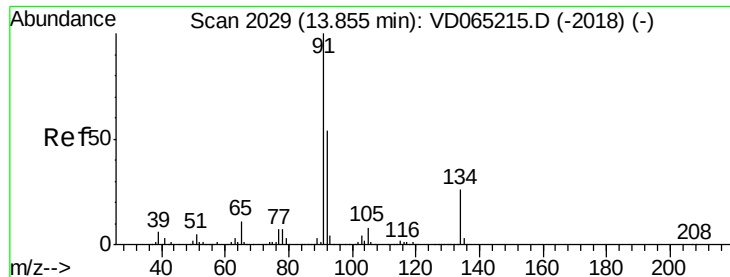
Tot Ion:146 Resp: 255123
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 65.0 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 45.567 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion:146 Resp: 253494
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.2
 148 64.5 32.1 96.5

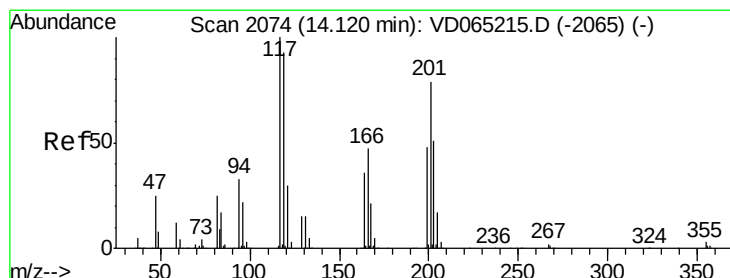
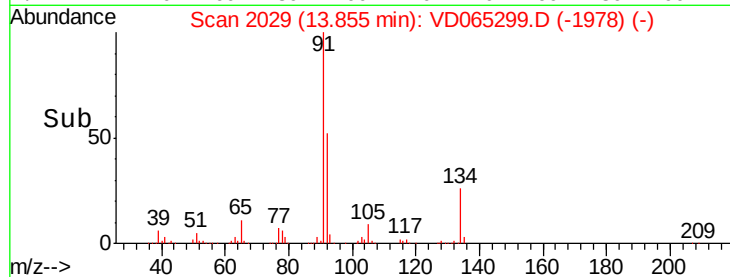
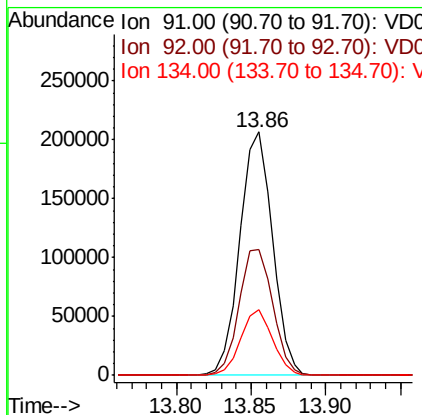
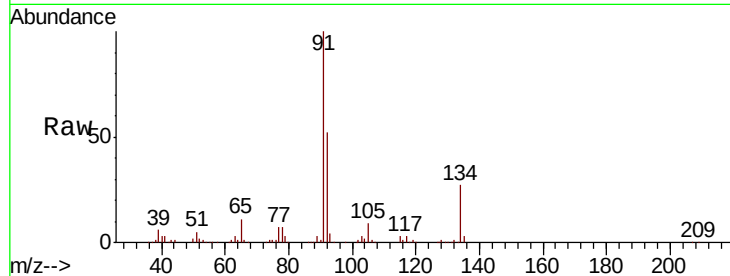




#89
n-Butylbenzene
Concen: 32.062 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

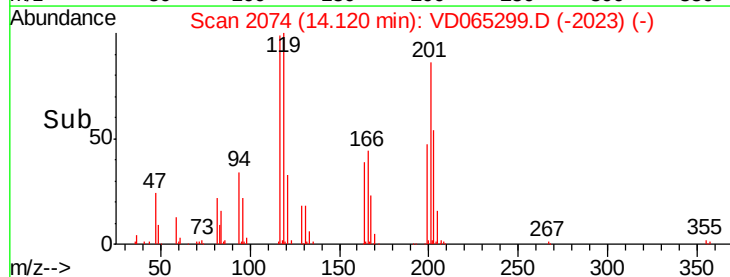
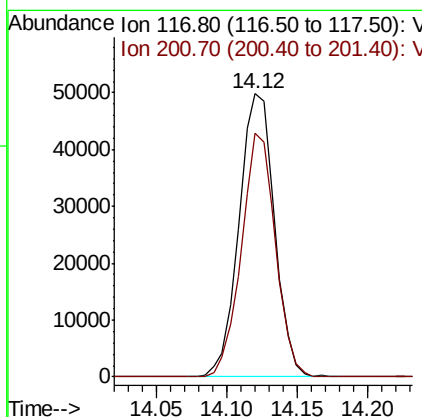
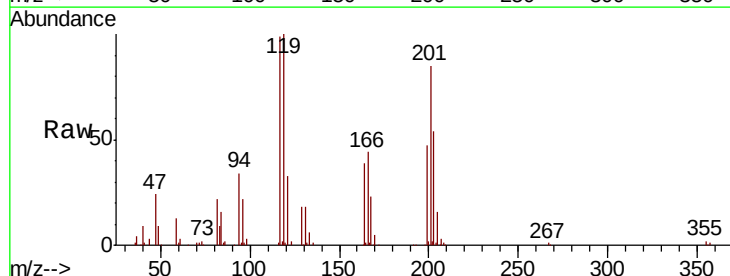
Instrument :
MSVOA_D
ClientSampleId :

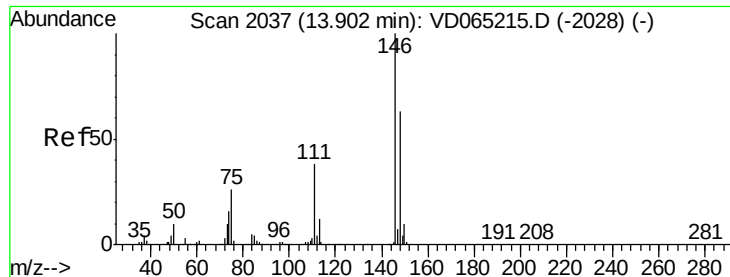
Tot Ion: 91 Resp: 315564
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 26.2 13.5 40.4



#90
Hexachloroethane
Concen: 40.411 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD065299.D
Acq: 24 Feb 2020 17:21

Tgt Ion: 117 Resp: 87639
Ion Ratio Lower Upper
117 100
201 82.7 41.3 124.1

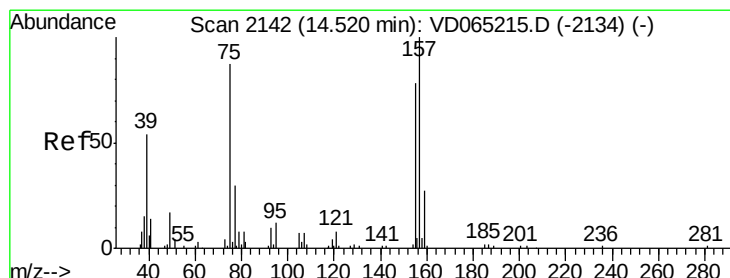
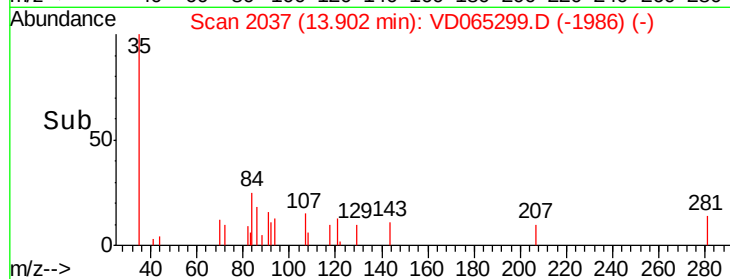
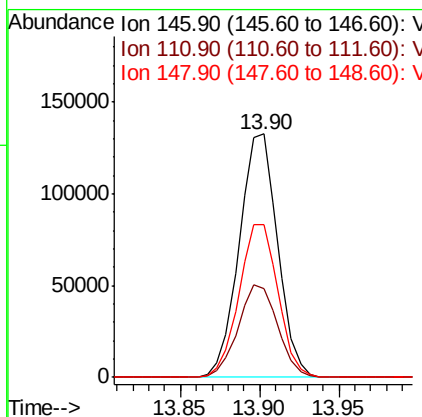
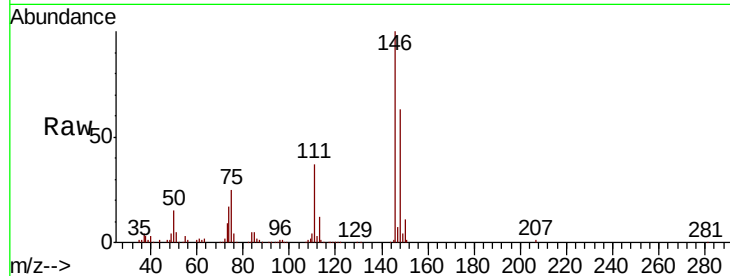




#91
 1,2-Dichlorobenzene
 Concen: 46.175 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

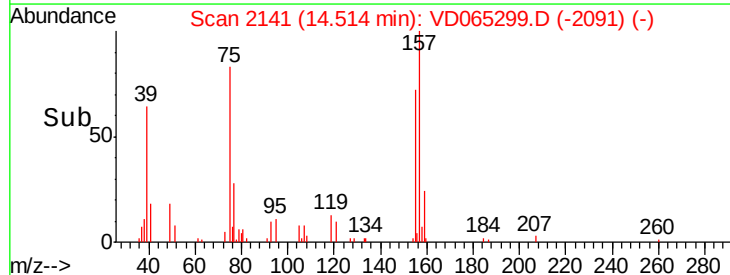
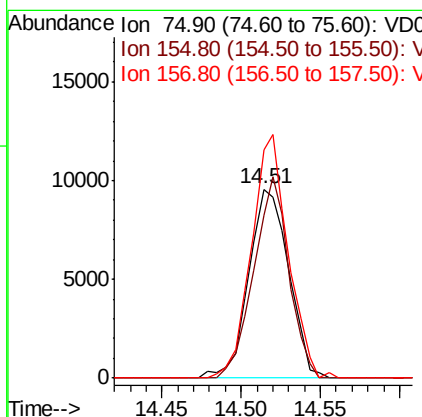
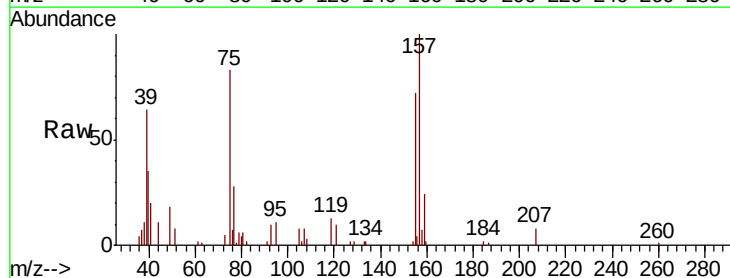
Instrument :
 MSVOA_D
 ClientSampleId :

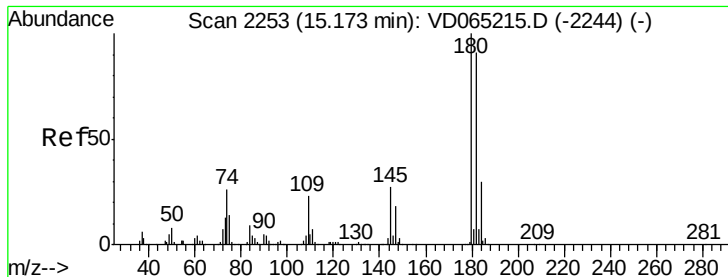
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	63.9	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.368 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.4	42.3	126.9
157	118.0	56.7	170.1

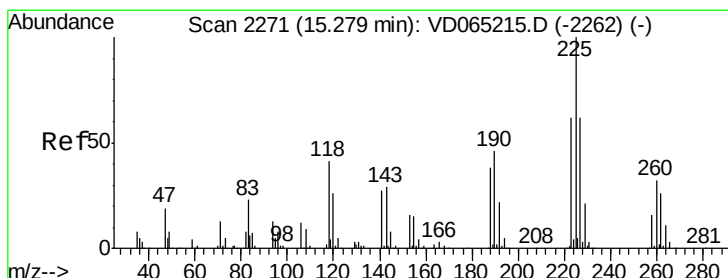
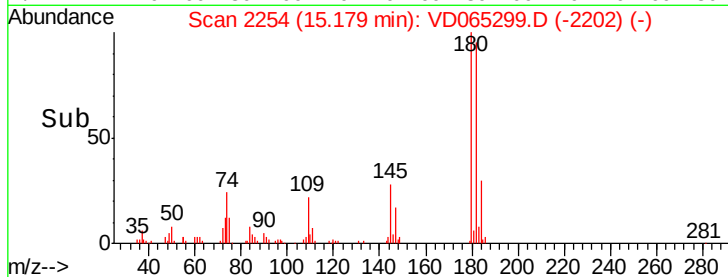
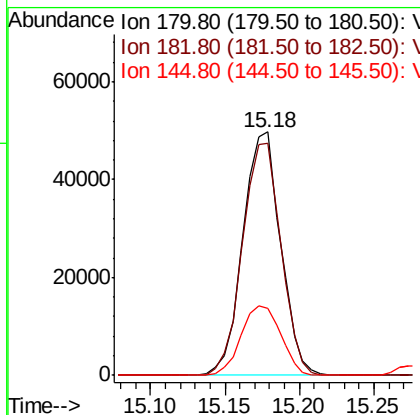
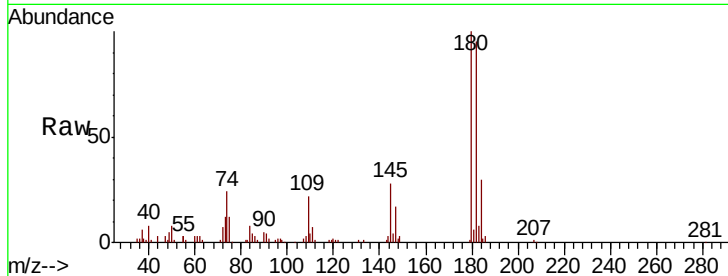




#93
 1,2,4-Trichlorobenzene
 Concen: 27.455 ug/l
 RT: 15.18 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

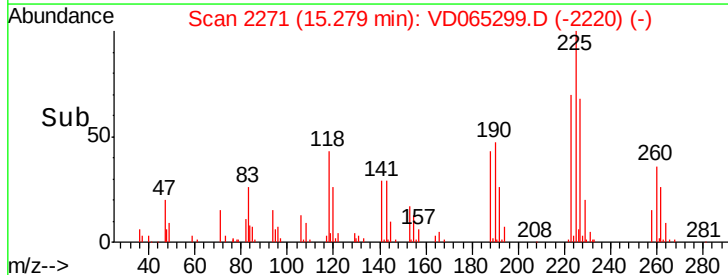
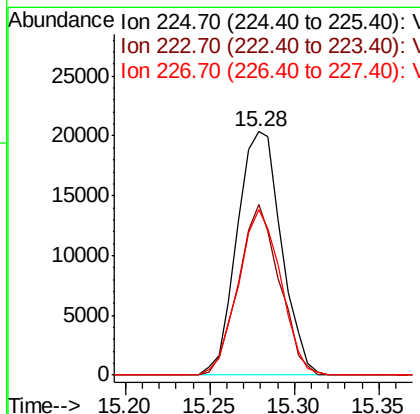
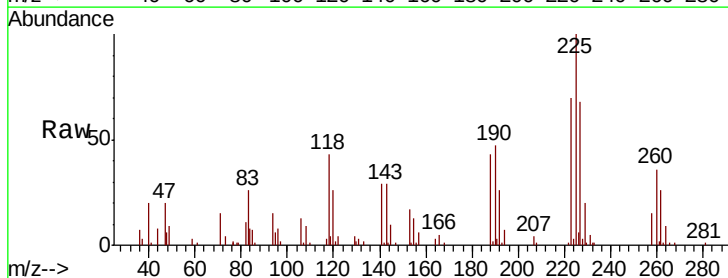
Instrument :
 MSVOA_D
 ClientSampleId :

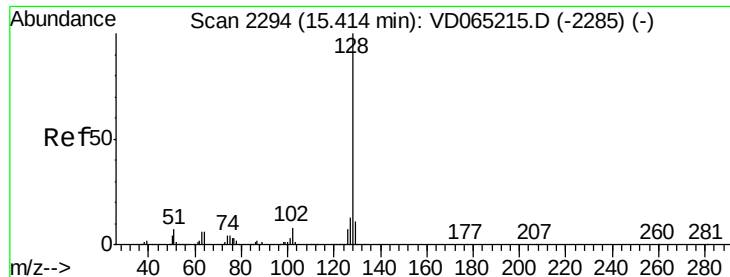
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.9	140.6
145	30.0	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 18.282 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD065299.D
 Acq: 24 Feb 2020 17:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.4	94.2
227	65.2	31.7	95.1





#95

Naphthalene

Concen: 35.893 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

Instrument :

MSVOA_D

ClientSampleId :

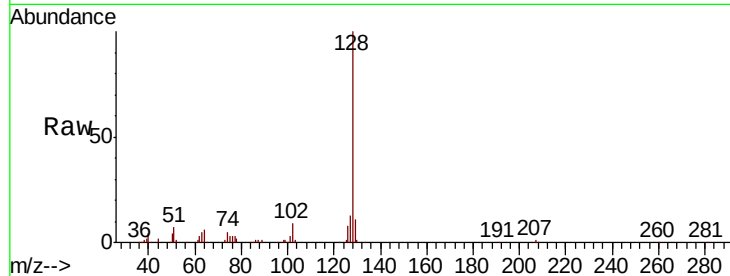
Tot Ion:128 Resp: 184727

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

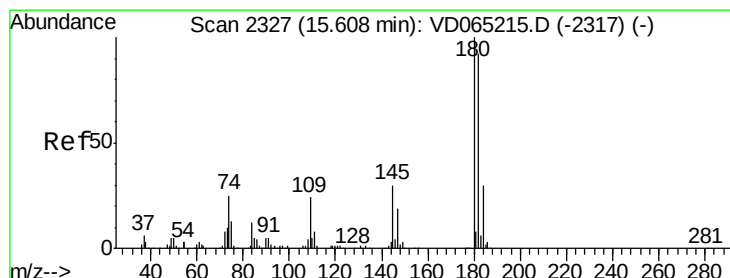
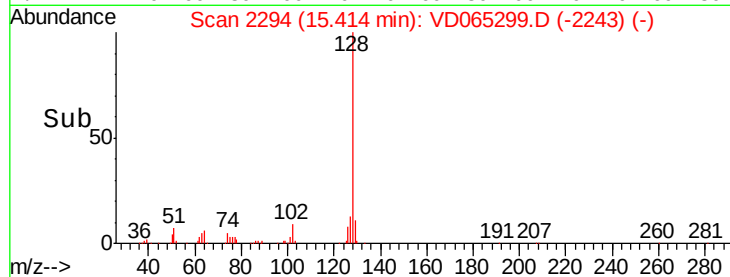
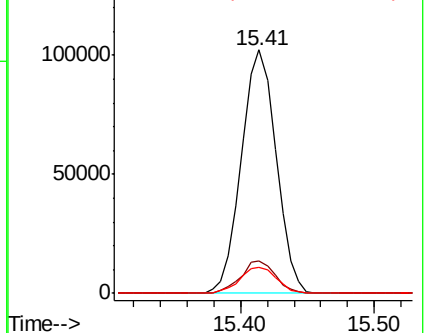
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 26.101 ug/l

RT: 15.61 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VD065299.D

Acq: 24 Feb 2020 17:21

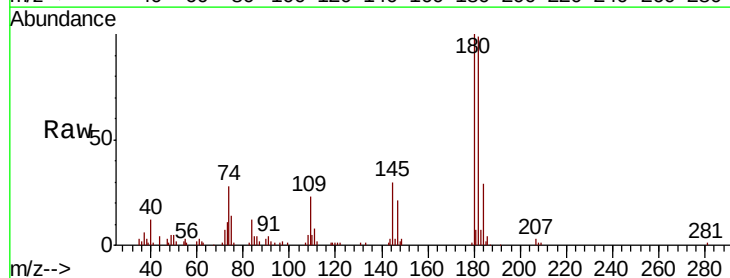
Tgt Ion:180 Resp: 72167

Ion Ratio Lower Upper

180 100

182 96.1 46.9 140.6

145 30.8 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

