

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066545.D
 Acq On : 03 Sep 2020 20:28
 Operator : VA/SY
 Sample : VD0903SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

Quant Time: Sep 04 05:54:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	350088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	583695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	537034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219476	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.91	113	200612	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.34	98	741764	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.63	95	241355	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	66521	20.700	ug/l	98
3) Chloromethane	2.21	50	95850	21.649	ug/l	97
4) Vinyl Chloride	2.35	62	103567	21.091	ug/l	97
5) Bromomethane	2.76	94	73658	21.097	ug/l	86
6) Chloroethane	2.92	64	66064	21.181	ug/l	95
7) Trichlorofluoromethane	3.27	101	144650	19.940	ug/l	99
8) Diethyl Ether	3.71	74	35868	19.636	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75579	19.251	ug/l	98
10) Methyl Iodide	4.30	142	66677	21.144	ug/l	99
11) Tert butyl alcohol	5.20	59	39166	125.150	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	69531	19.713	ug/l	94
13) Acrolein	3.93	56	17700	102.199	ug/l	94
14) Allyl chloride	4.71	41	118659	20.527	ug/l	99
15) Acrylonitrile	5.43	53	84192	107.292	ug/l	99
16) Acetone	4.16	43	66595	85.448	ug/l	96
17) Carbon Disulfide	4.41	76	236023	20.355	ug/l	99
18) Methyl Acetate	4.71	43	48071	25.875	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	170751	20.644	ug/l	98
20) Methylene Chloride	4.97	84	100359	19.605	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	83617	19.963	ug/l	93
22) Diisopropyl ether	6.36	45	252257	21.221	ug/l	98
23) Vinyl Acetate	6.30	43	684230	101.147	ug/l	100
24) 1,1-Dichloroethane	6.27	63	153487	20.532	ug/l	99
25) 2-Butanone	7.21	43	106298	101.603	ug/l	98
26) 2,2-Dichloropropane	7.20	77	124903	18.215	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	92384	20.511	ug/l	99
28) Bromochloromethane	7.54	49	56730	19.712	ug/l	98
29) Tetrahydrofuran	7.56	42	69544	106.733	ug/l	98
30) Chloroform	7.71	83	163558	20.681	ug/l	94
31) Cyclohexane	7.98	56	131673	19.055	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	144604	19.448	ug/l	99
36) 1,1-Dichloropropene	8.11	75	123784	20.378	ug/l	96
37) Ethyl Acetate	7.28	43	50940	21.060	ug/l	98
38) Carbon Tetrachloride	8.09	117	128949	20.083	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	130789	19.282	ug/l	97
40) Benzene	8.35	78	332722	19.999	ug/l	99
41) Methacrylonitrile	7.51	41	22927	19.581	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	112069	20.791	ug/l	99
43) Isopropyl Acetate	8.44	43	94734	20.437	ug/l	97
44) Trichloroethene	9.11	130	90098	20.646	ug/l	98
45) 1,2-Dichloropropane	9.38	63	85777	20.502	ug/l	94
46) Dibromomethane	9.47	93	46745	20.251	ug/l	98
47) Bromodichloromethane	9.66	83	126672	20.284	ug/l	98
48) Methyl methacrylate	9.46	41	44516	18.992	ug/l	92
49) 1,4-Dioxane	9.45	88	9655	381.268	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	243903	104.331	ug/l	96
52) Toluene	10.40	92	214235	20.343	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	109797	19.916	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	130981	19.784	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61464	20.710	ug/l	98
56) Ethyl methacrylate	10.66	69	70865	20.507	ug/l	96
57) 1,3-Dichloropropane	10.94	76	105887	20.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	183542	116.124	ug/l	99
59) 2-Hexanone	10.98	43	162085	103.100	ug/l	100
60) Dibromochloromethane	11.14	129	78811	20.081	ug/l	98
61) 1,2-Dibromoethane	11.24	107	58793	20.362	ug/l	100
64) Tetrachloroethene	10.87	164	72188	19.964	ug/l	93
65) Chlorobenzene	11.67	112	223159	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84005	19.858	ug/l	99
67) Ethyl Benzene	11.74	91	395416	19.429	ug/l	98
68) m/p-Xylenes	11.85	106	303032	40.100	ug/l	98
69) o-Xylene	12.18	106	135445	19.999	ug/l	99
70) Styrene	12.19	104	237941	20.209	ug/l	99
71) Bromoform	12.36	173	42638	20.000	ug/l #	97
73) Isopropylbenzene	12.48	105	366435	20.043	ug/l	100
74) N-amyl acetate	12.29	43	82654	19.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	65921	20.410	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	93207	39.249	ug/l #	100
77) Bromobenzene	12.76	156	84006	20.610	ug/l	99
78) n-propylbenzene	12.82	91	448587	20.241	ug/l	99
79) 2-Chlorotoluene	12.91	91	256831	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	322003	20.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20237	19.895	ug/l	99
82) 4-Chlorotoluene	13.01	91	273055	20.537	ug/l	99
83) tert-Butylbenzene	13.23	119	254812	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	322881	21.076	ug/l	98
85) sec-Butylbenzene	13.40	105	367992	20.327	ug/l	99
86) p-Isopropyltoluene	13.52	119	329544	20.224	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	161882	20.006	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	165303	20.353	ug/l	98
89) n-Butylbenzene	13.85	91	312570	19.685	ug/l	99
90) Hexachloroethane	14.11	117	70329	20.031	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	142864	20.199	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10778	19.644	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

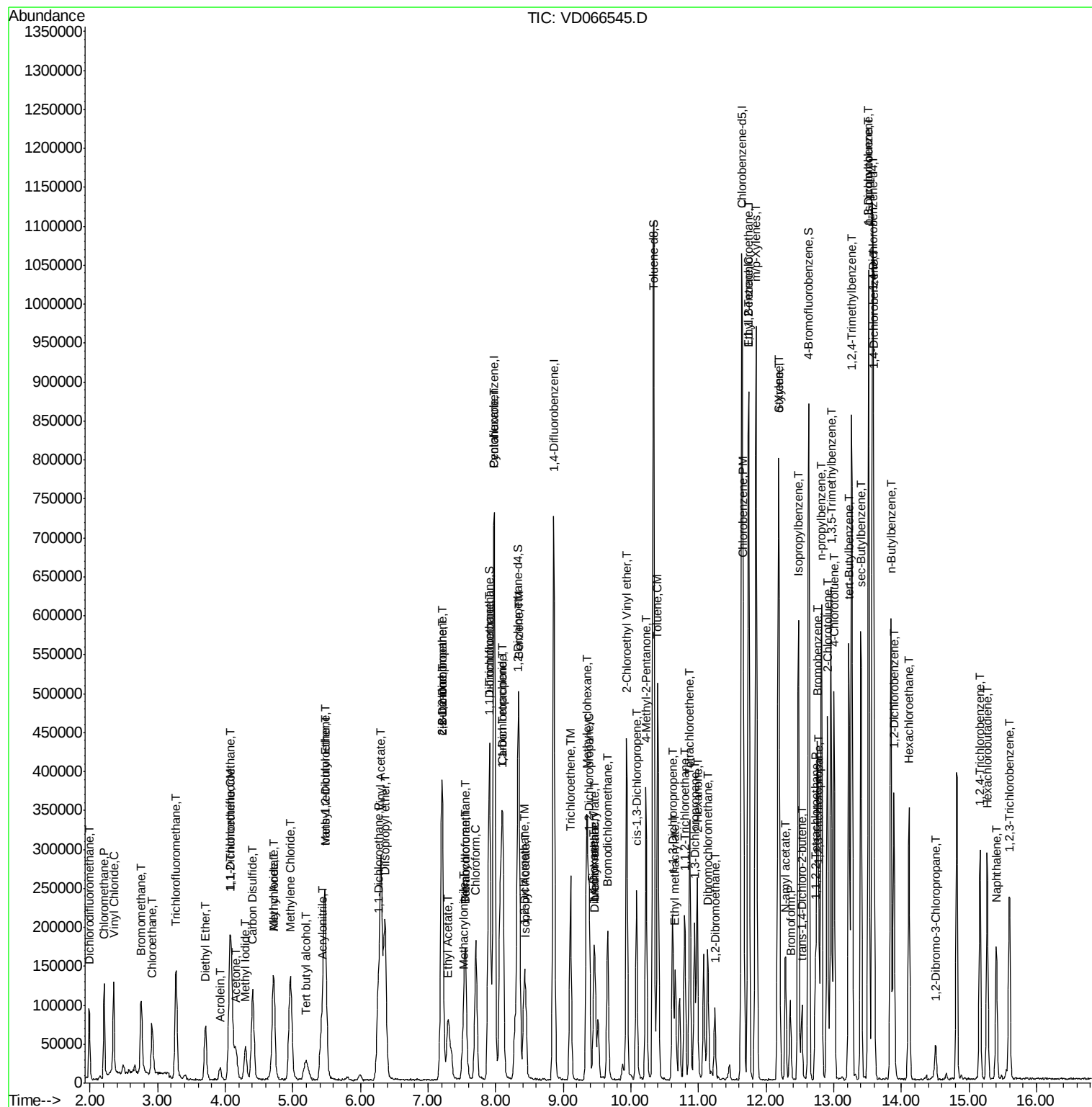
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85306	20.097	ug/l	96
94) Hexachlorobutadiene	15.27	225	47901	18.784	ug/l	95
95) Naphthalene	15.41	128	152510	20.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74881	20.692	ug/l	98

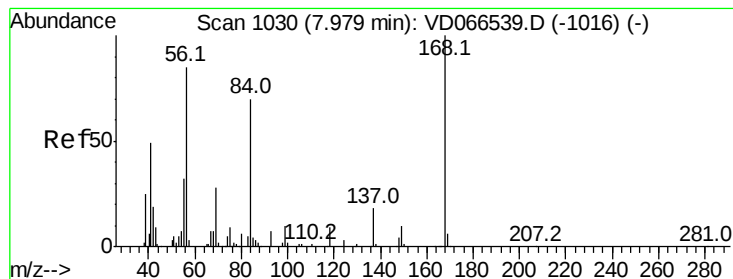
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

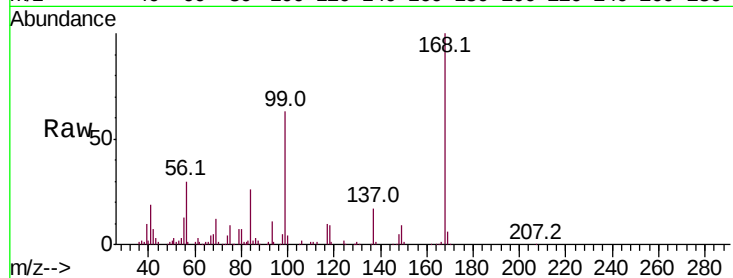
VD0903SBSD01

Tot Ion:168 Resp: 350088

Ion Ratio Lower Upper

168 100

99 63.1 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

150000

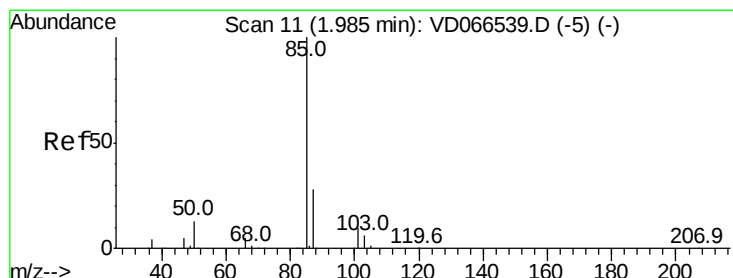
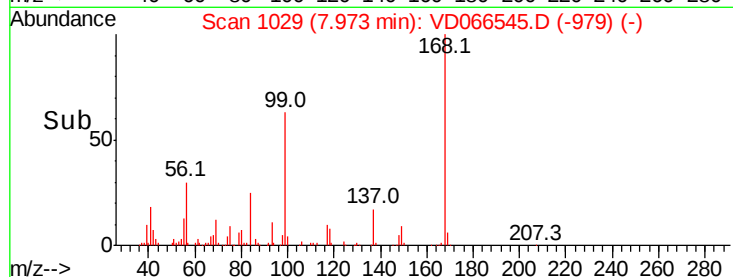
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 20.700 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066545.D

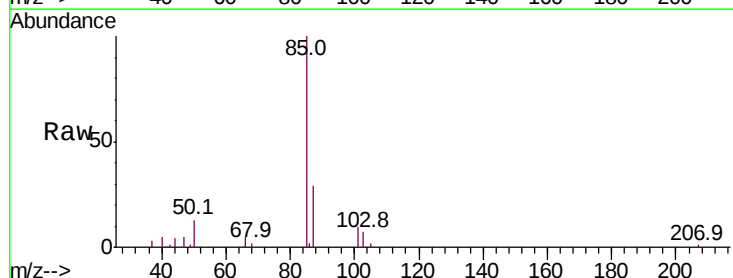
Acq: 03 Sep 2020 20:28

Tgt Ion: 85 Resp: 66521

Ion Ratio Lower Upper

85 100

87 29.4 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

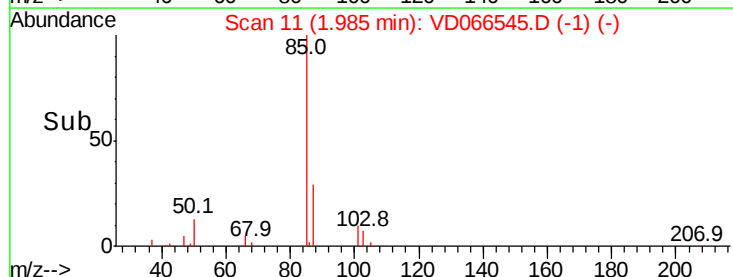
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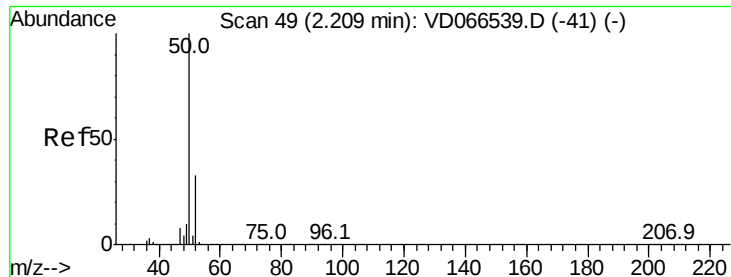
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.649 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

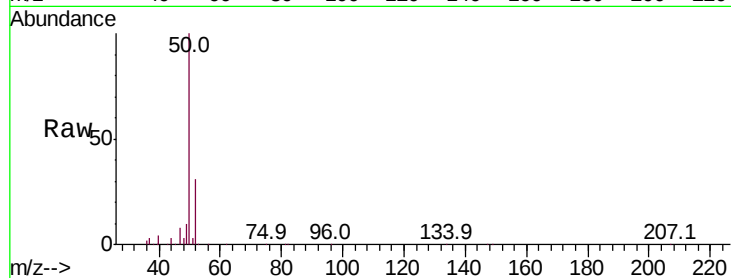
VD0903SBSD01

Tot Ion: 50 Resp: 95850

Ion Ratio Lower Upper

50 100

52 31.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

80000

60000

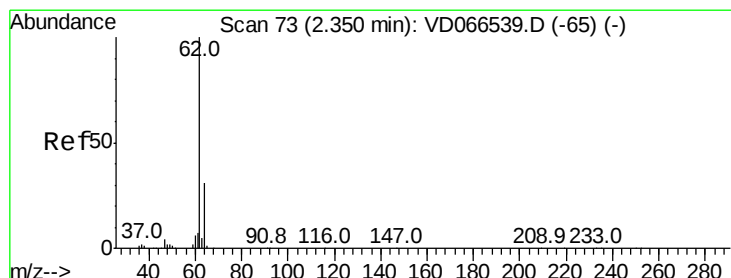
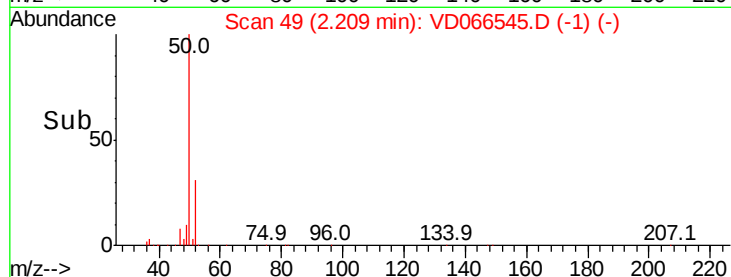
40000

20000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 21.091 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066545.D

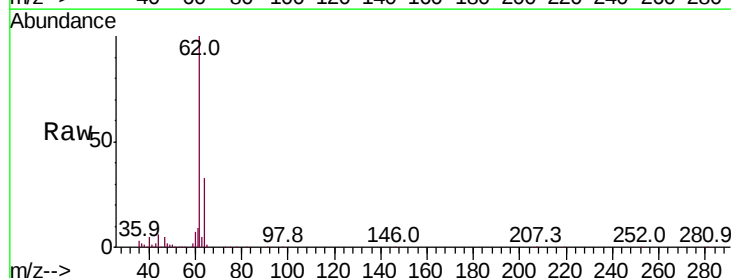
Acq: 03 Sep 2020 20:28

Tgt Ion: 62 Resp: 103567

Ion Ratio Lower Upper

62 100

64 33.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

80000

60000

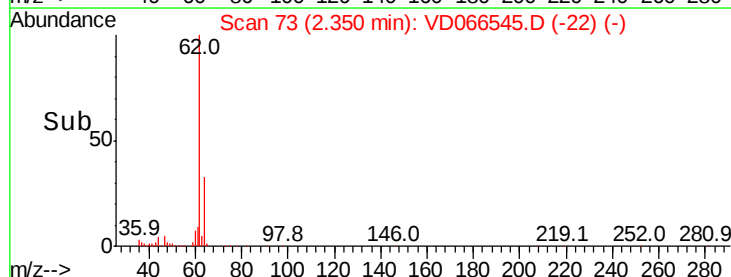
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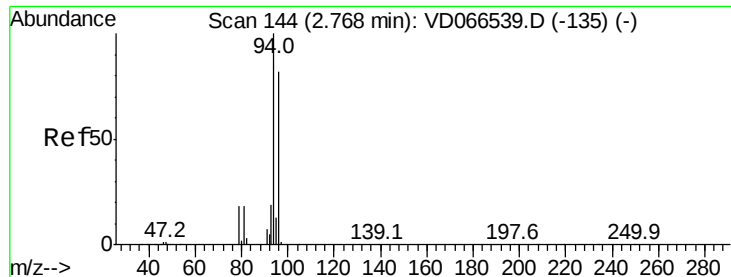
20000

0

Time-->

2.30 2.40





#5

Bromomethane

Concen: 21.097 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

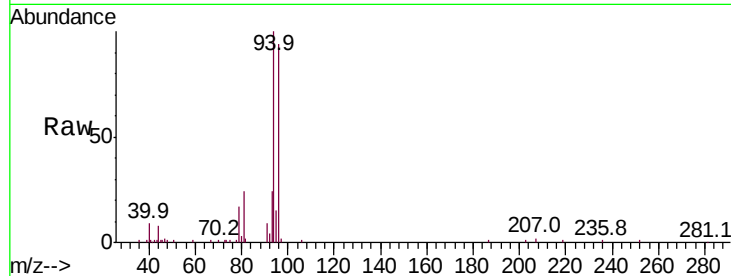
VD0903SBSD01

Tot Ion: 94 Resp: 73658

Ion Ratio Lower Upper

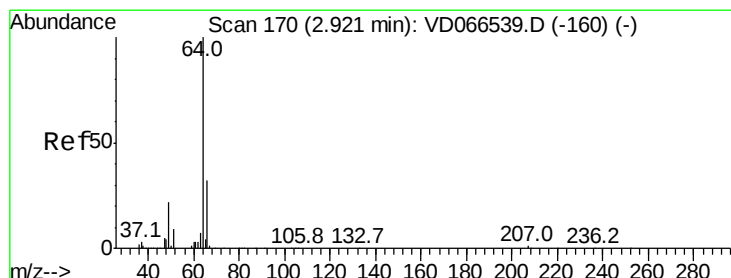
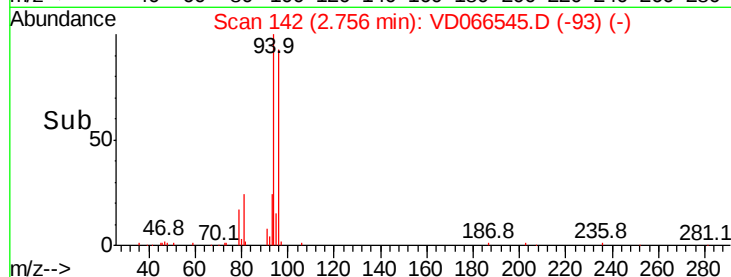
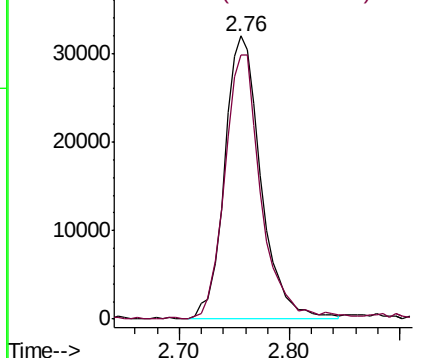
94 100

96 93.5 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.181 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066545.D

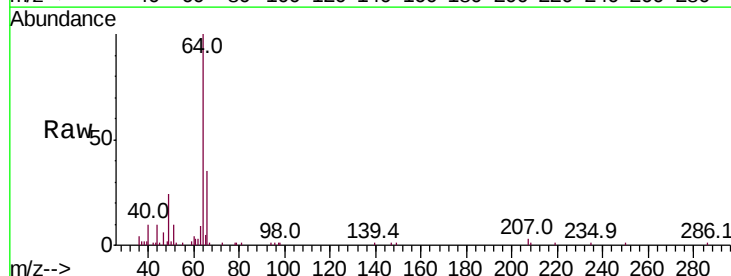
Acq: 03 Sep 2020 20:28

Tgt Ion: 64 Resp: 66064

Ion Ratio Lower Upper

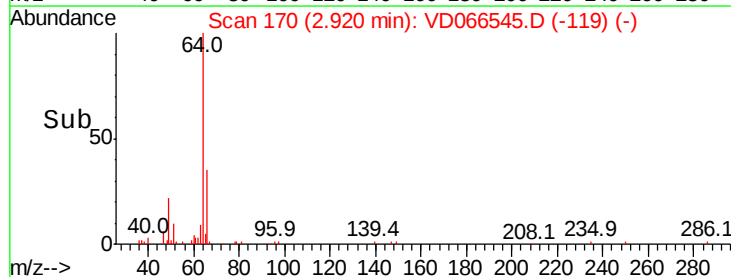
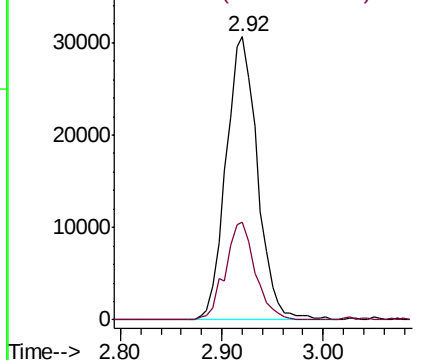
64 100

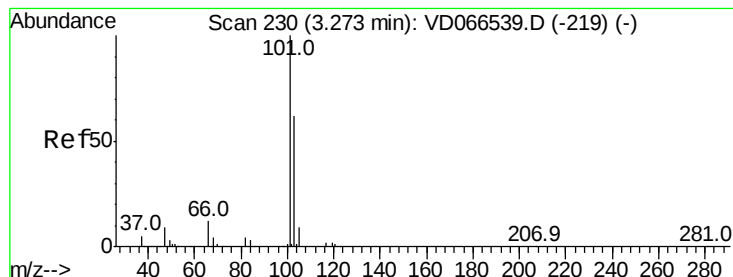
66 34.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 19.940 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

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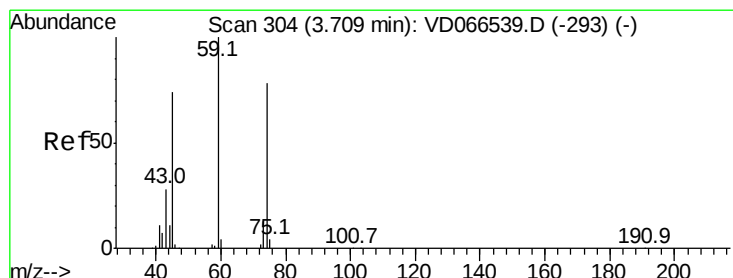
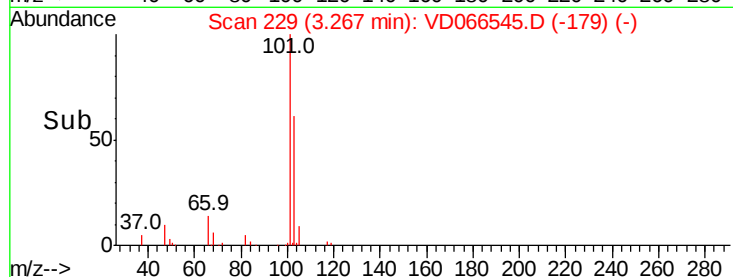
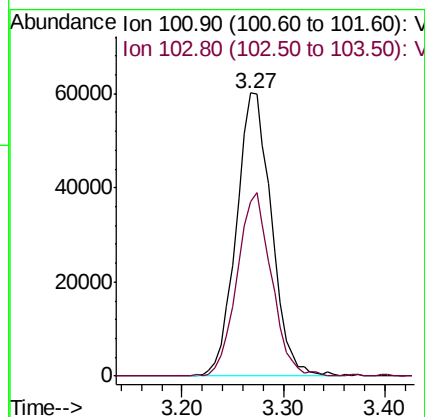
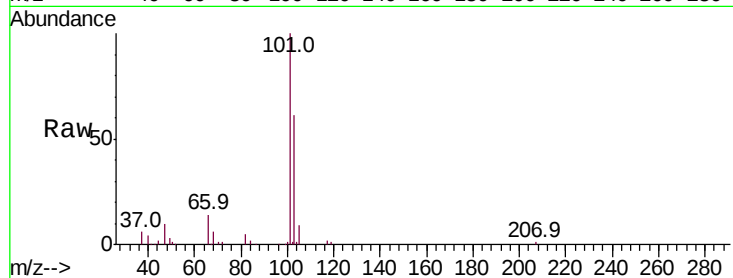
VD0903SBSD01

Tot Ion:101 Resp: 144650

Ion Ratio Lower Upper

101 100

103 61.5 49.7 74.5



#8

Diethyl Ether

Concen: 19.636 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD066545.D

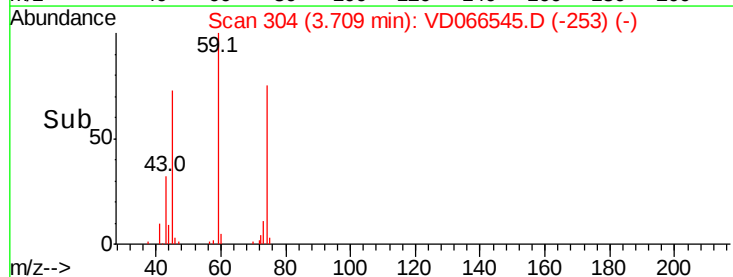
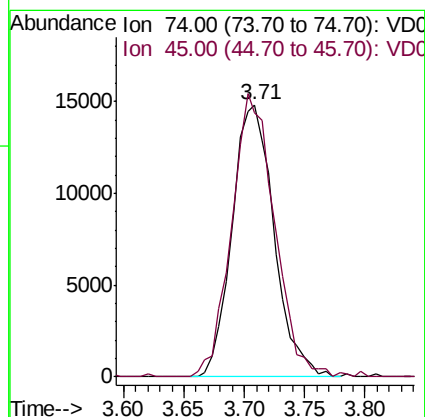
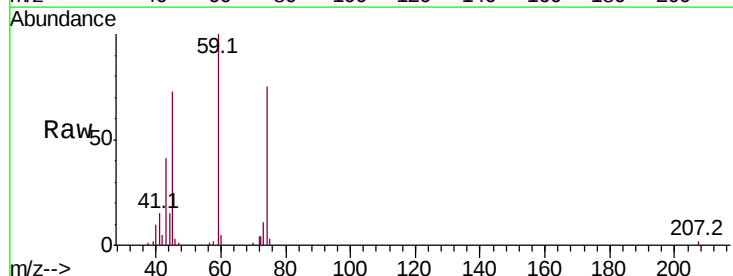
Acq: 03 Sep 2020 20:28

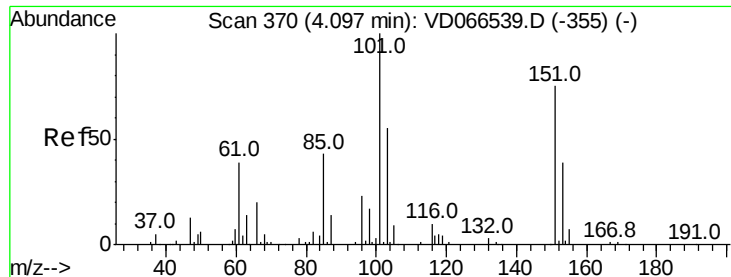
Tgt Ion: 74 Resp: 35868

Ion Ratio Lower Upper

74 100

45 106.9 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.251 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

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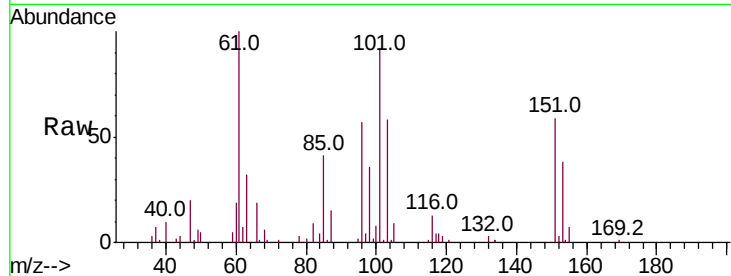
Tot Ion:101 Resp: 75579

Ion Ratio Lower Upper

101 100

85 47.2 37.0 55.6

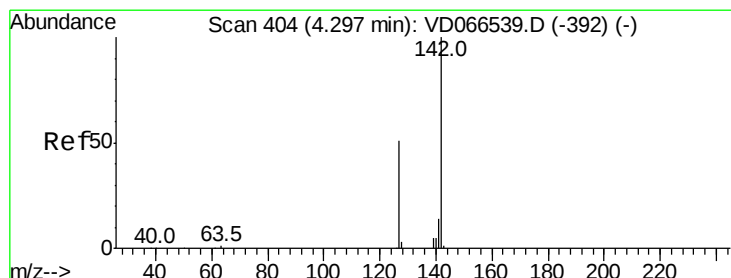
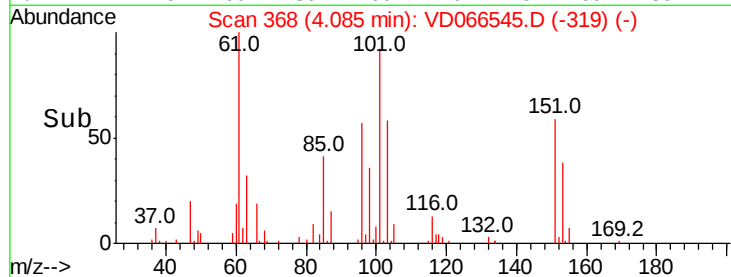
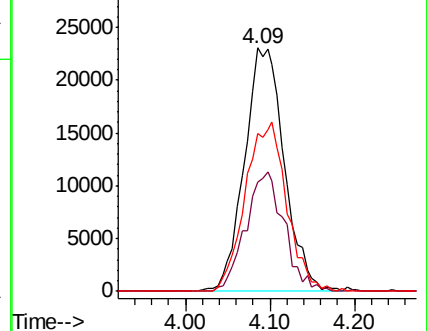
151 72.0 59.4 89.2



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: 21.144 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

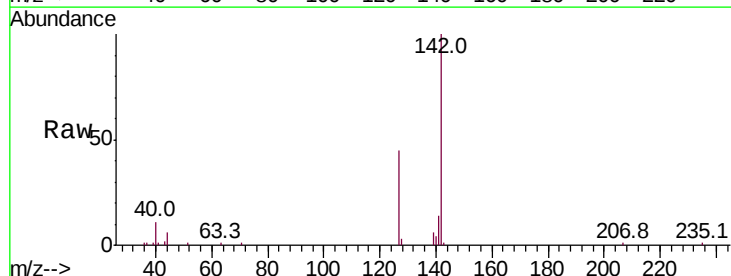
Tgt Ion:142 Resp: 66677

Ion Ratio Lower Upper

142 100

127 50.1 40.6 61.0

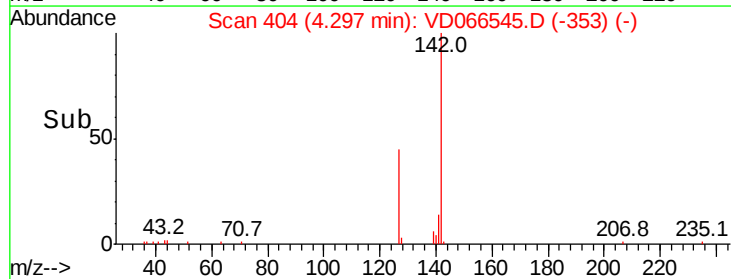
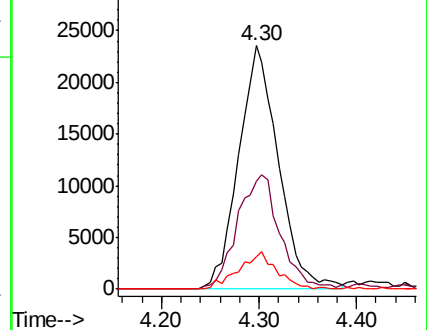
141 14.6 12.2 18.4

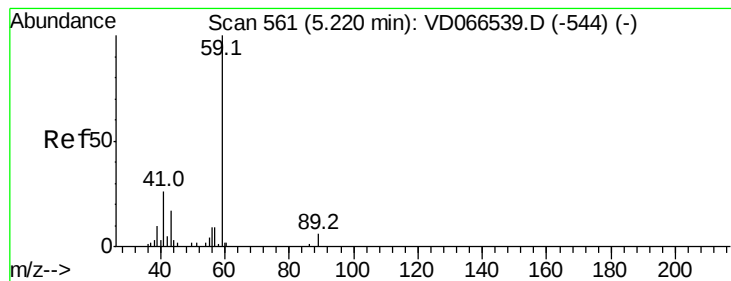


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 125.150 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

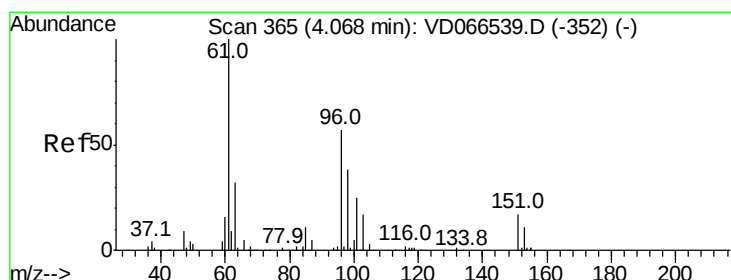
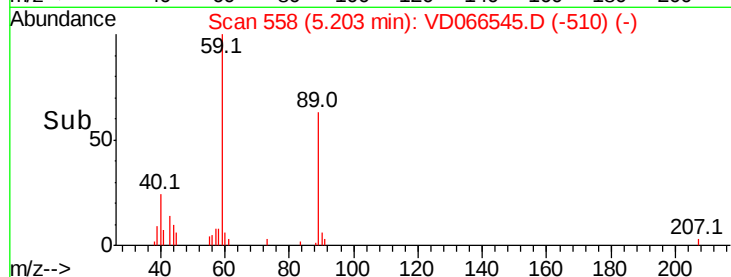
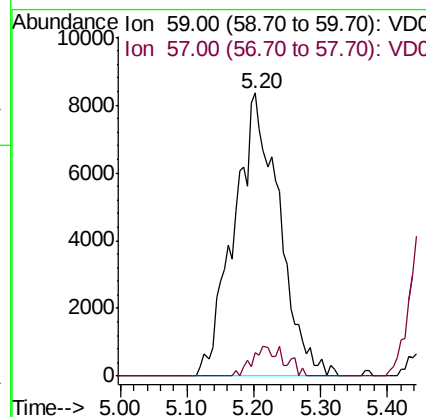
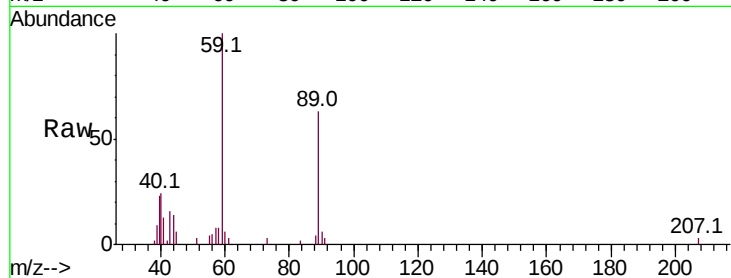
VD0903SBS01

Tot Ion: 59 Resp: 39166

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



#12

1,1-Dichloroethene

Concen: 19.713 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

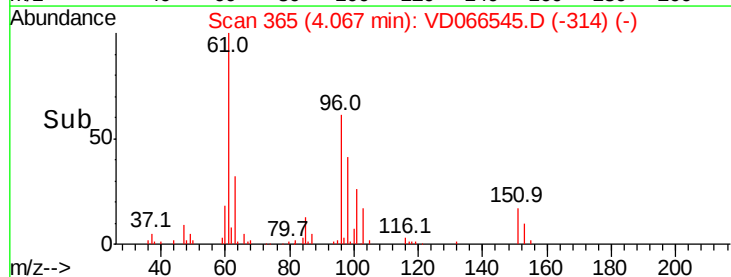
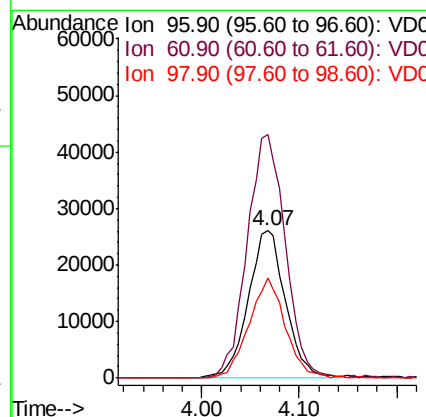
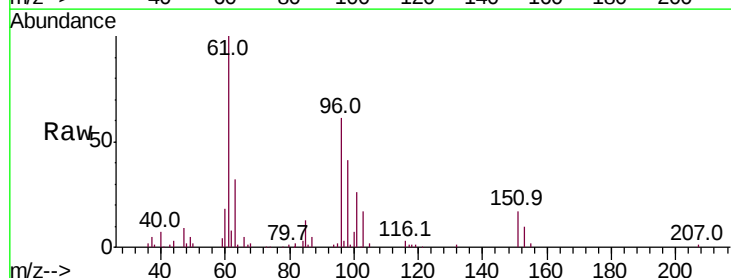
Tgt Ion: 96 Resp: 69531

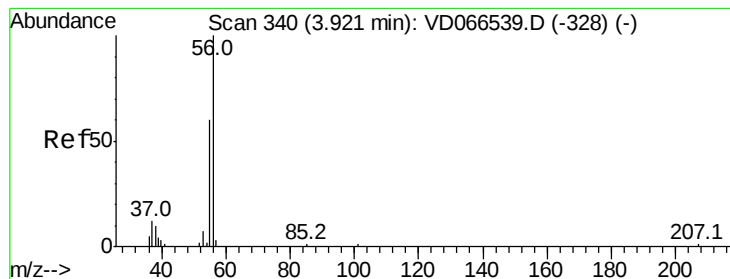
Ion Ratio Lower Upper

96 100

61 165.3 140.9 211.3

98 68.2 53.2 79.8





#13

Acrolein

Concen: 102.199 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

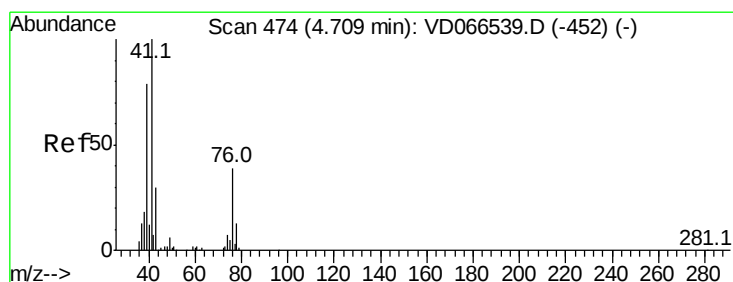
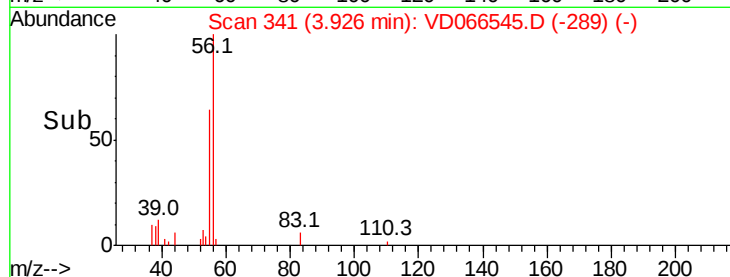
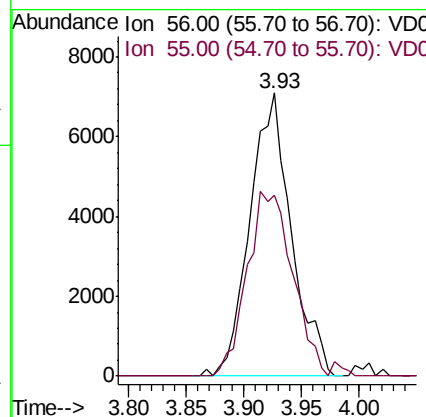
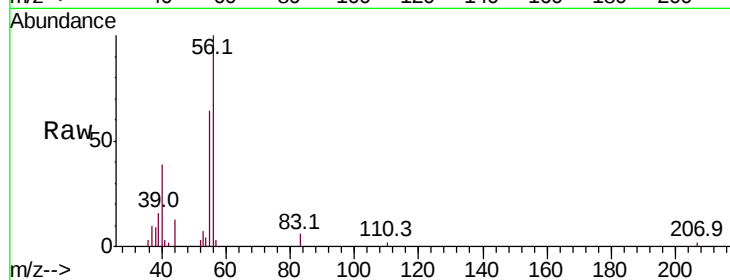
VD0903SBS01

Tot Ion: 56 Resp: 17700

Ion Ratio Lower Upper

56 100

55 71.6 53.6 80.4



#14

Allyl chloride

Concen: 20.527 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

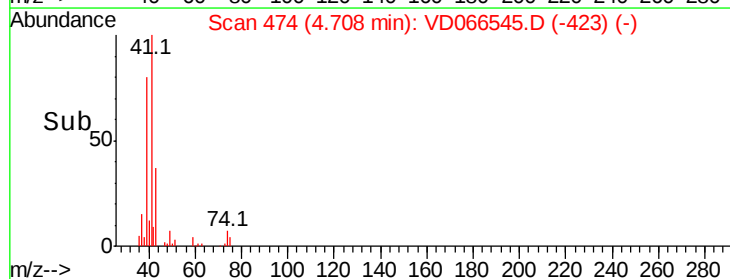
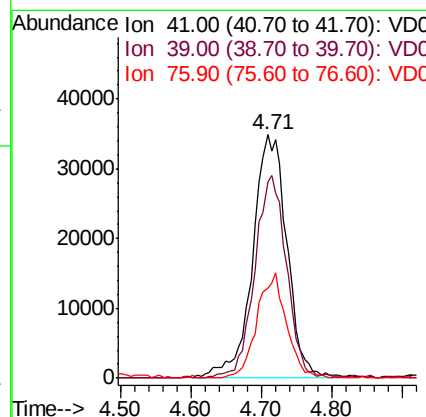
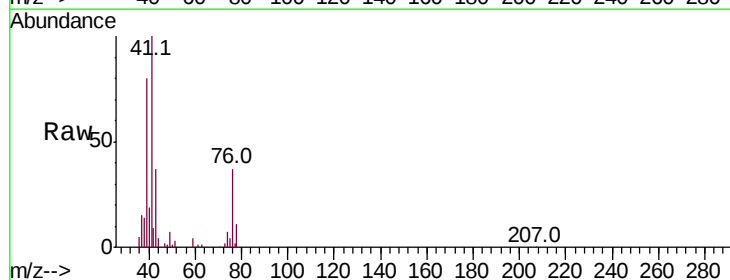
Tgt Ion: 41 Resp: 118659

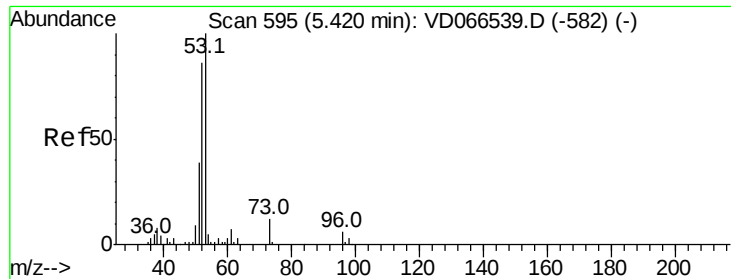
Ion Ratio Lower Upper

41 100

39 76.7 61.9 92.9

76 36.9 29.0 43.6





#15

Acrylonitrile

Concen: 107.292 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

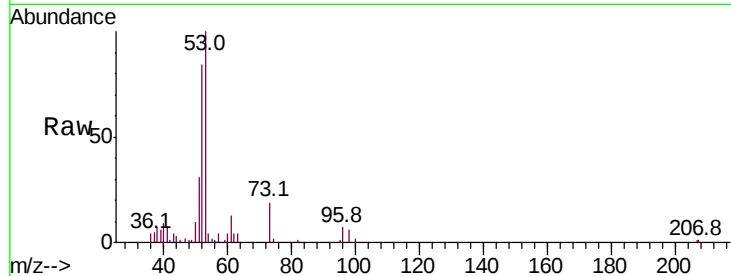
Tot Ion: 53 Resp: 84192

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.2

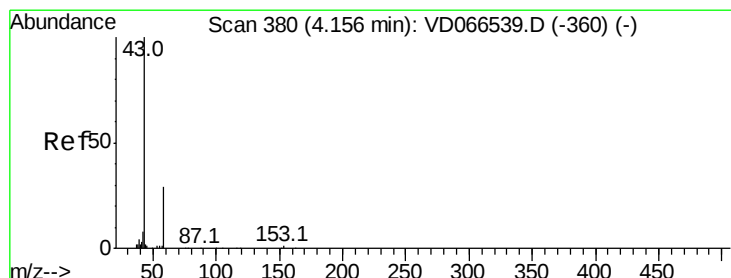
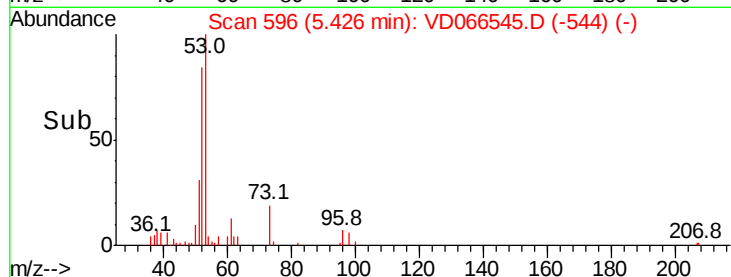
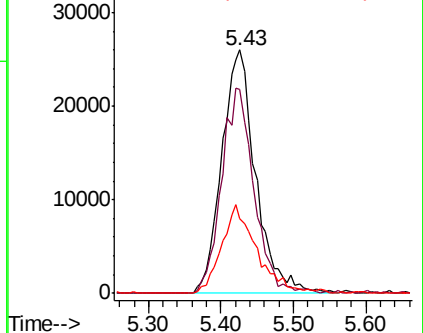
51 38.2 31.2 46.8



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: 85.448 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066545.D

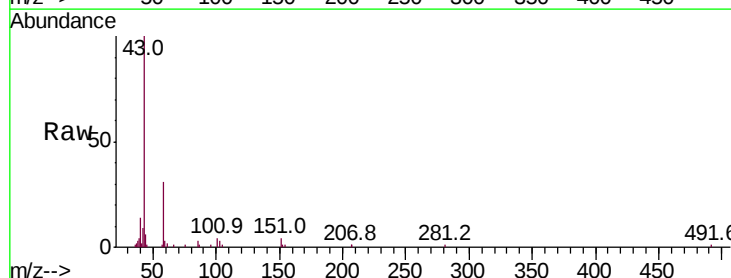
Acq: 03 Sep 2020 20:28

Tgt Ion: 43 Resp: 66595

Ion Ratio Lower Upper

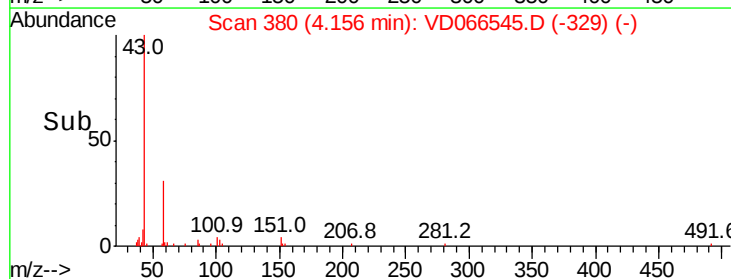
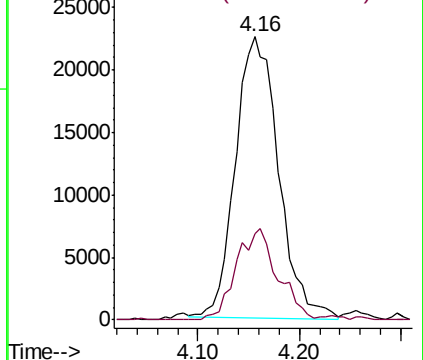
43 100

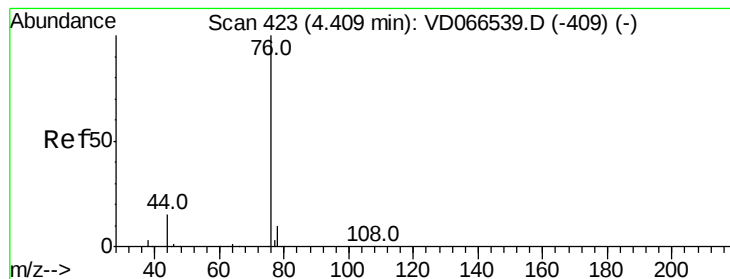
58 30.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.355 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

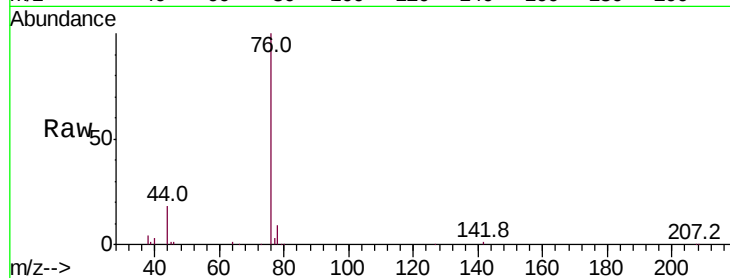
VD0903SBS01

Tot Ion: 76 Resp: 236023

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

4.41

80000

60000

40000

20000

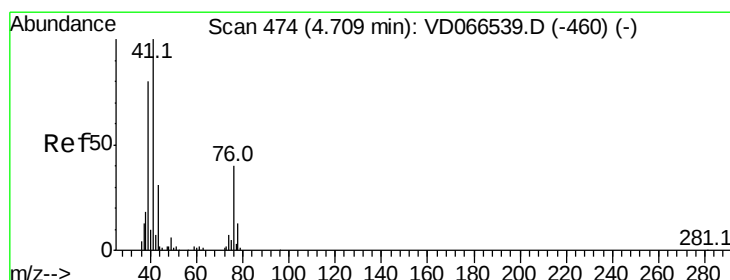
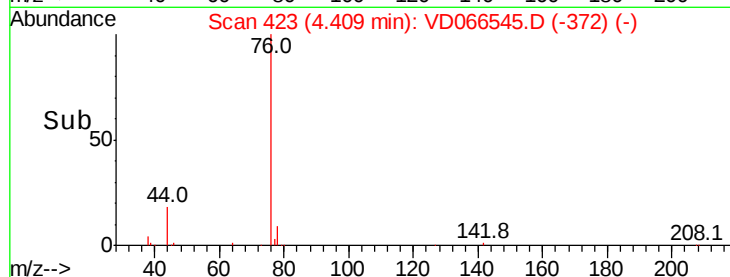
0

Time-->

4.30

4.40

4.50



#18

Methyl Acetate

Concen: 25.875 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066545.D

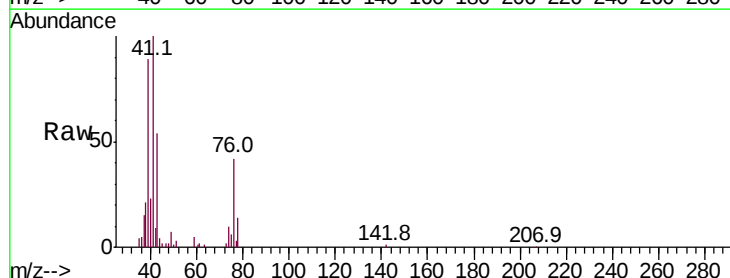
Acq: 03 Sep 2020 20:28

Tgt Ion: 43 Resp: 48071

Ion Ratio Lower Upper

43 100

74 23.4 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

4.71

20000

15000

10000

5000

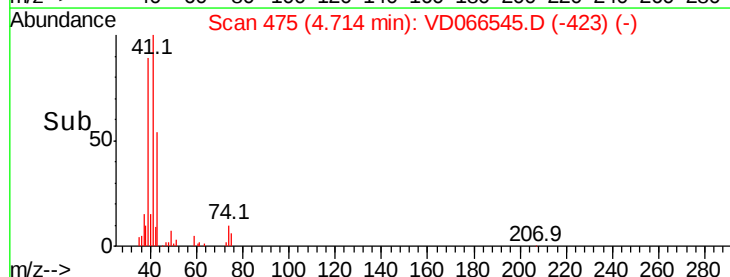
0

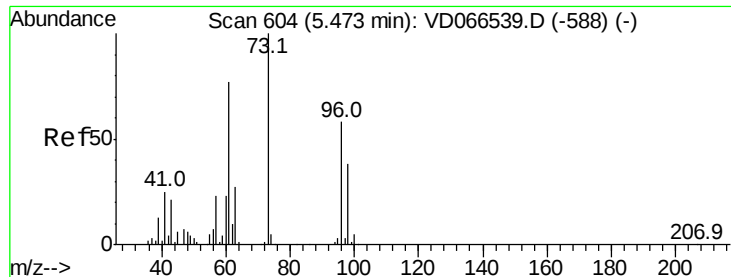
Time-->

4.60

4.70

4.80

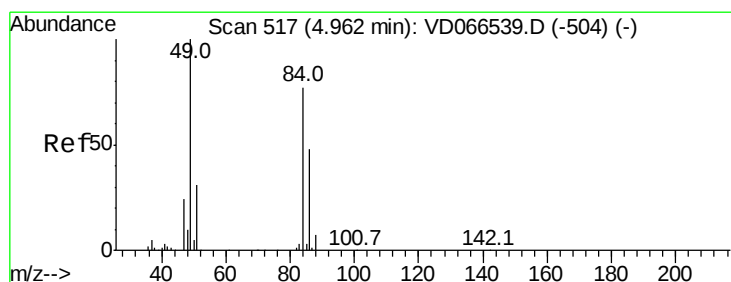
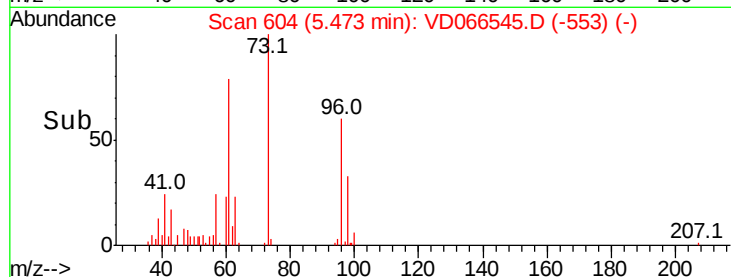
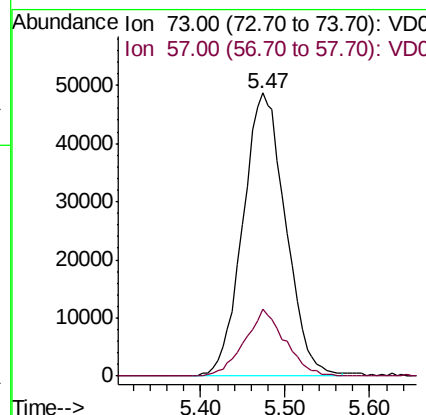
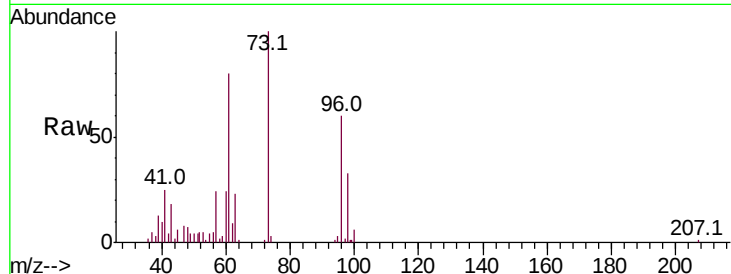




#19
Methyl tert-butyl Ether
Concen: 20.644 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

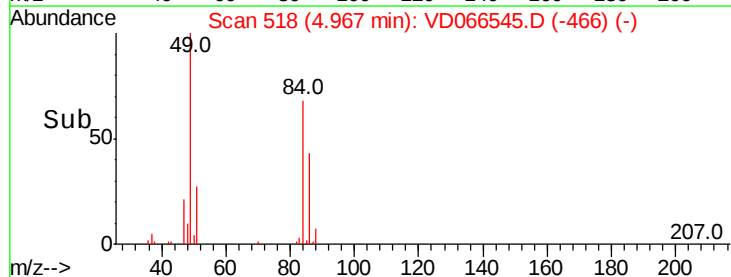
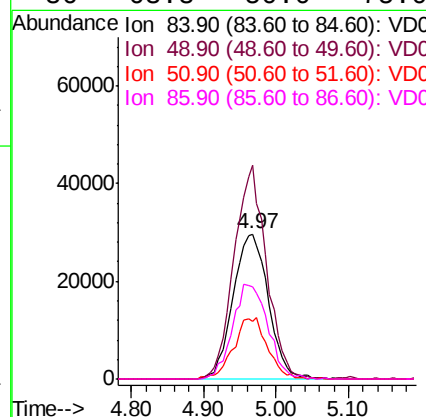
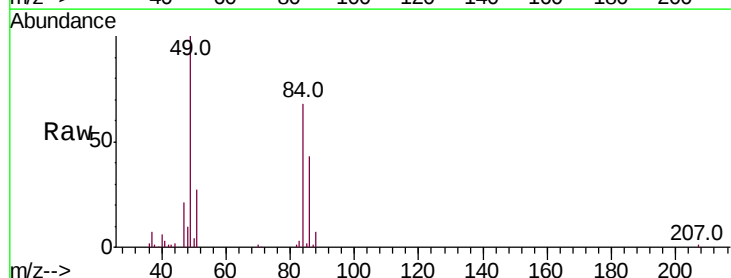
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

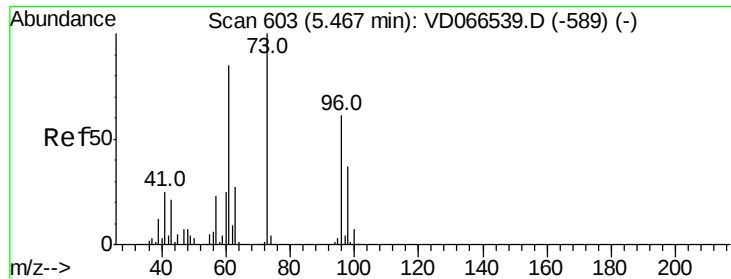
Tot Ion: 73 Resp: 170751
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#20
Methylene Chloride
Concen: 19.605 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 84 Resp: 100359
Ion Ratio Lower Upper
84 100
49 147.5 104.3 156.5
51 40.1 32.2 48.4
86 63.8 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 19.963 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

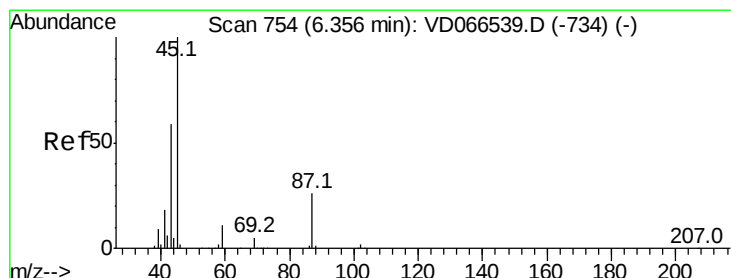
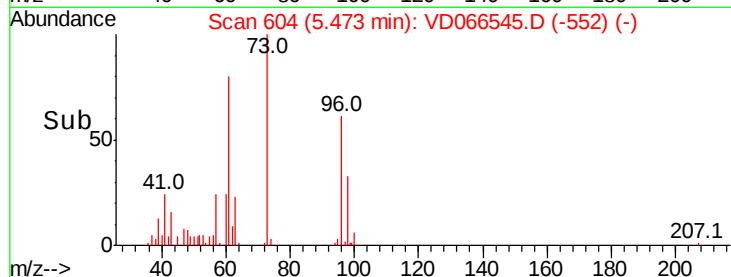
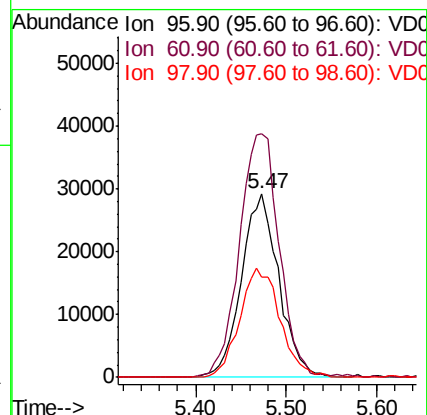
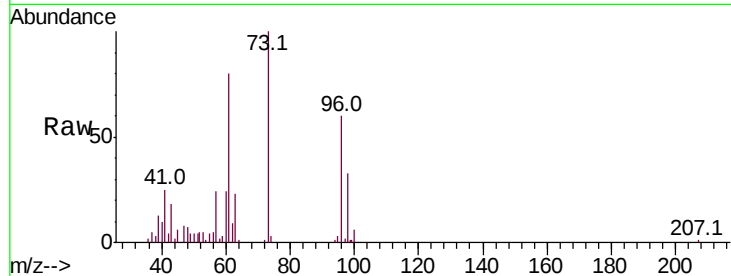
Tot Ion: 96 Resp: 83617

Ion Ratio Lower Upper

96 100

61 132.7 112.1 168.1

98 54.9 48.6 72.8



#22

Diisopropyl ether

Concen: 21.221 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Tgt Ion: 45 Resp: 252257

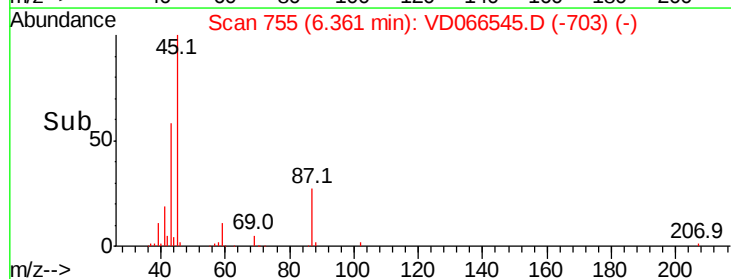
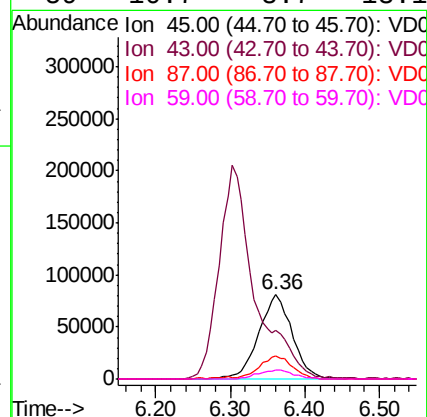
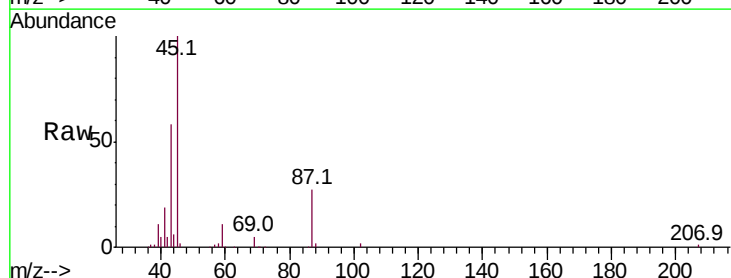
Ion Ratio Lower Upper

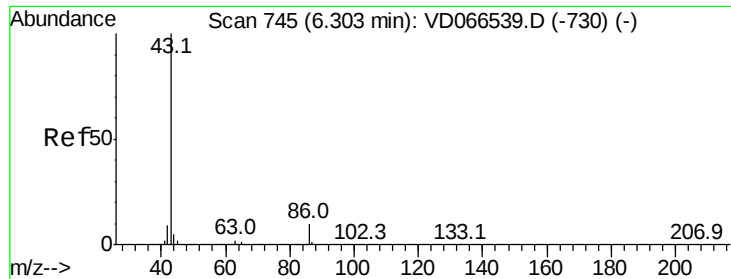
45 100

43 56.0 47.0 70.4

87 26.8 21.3 31.9

59 10.7 8.7 13.1

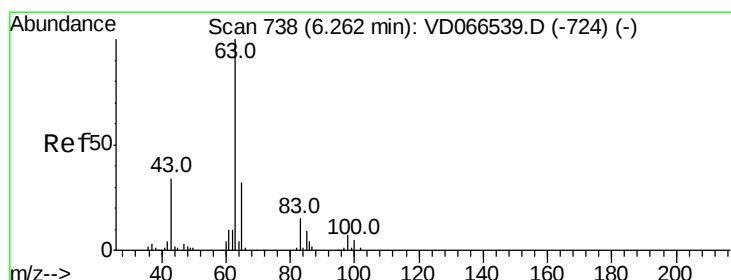
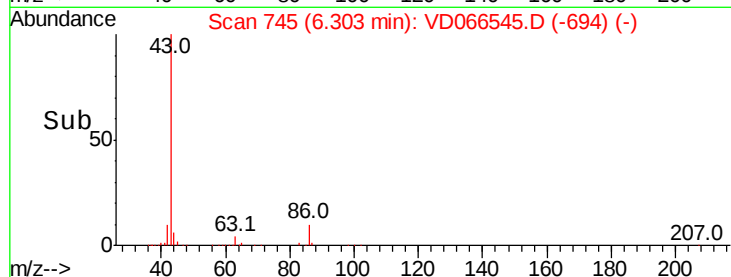
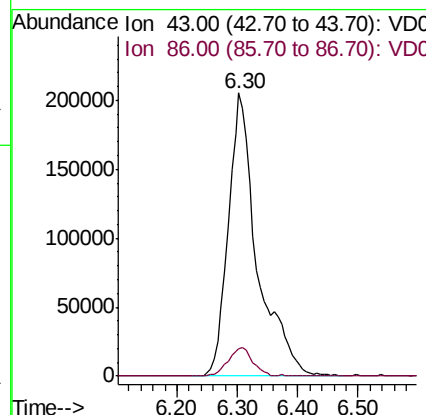
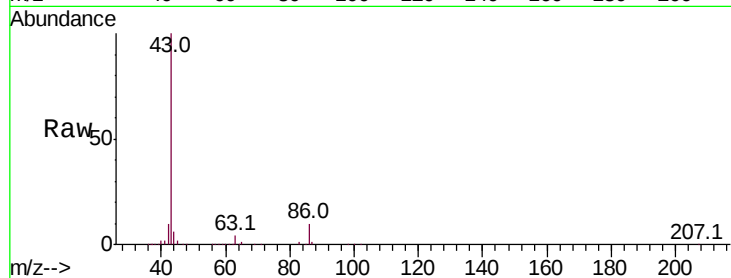




#23
 Vinyl Acetate
 Concen: 101.147 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

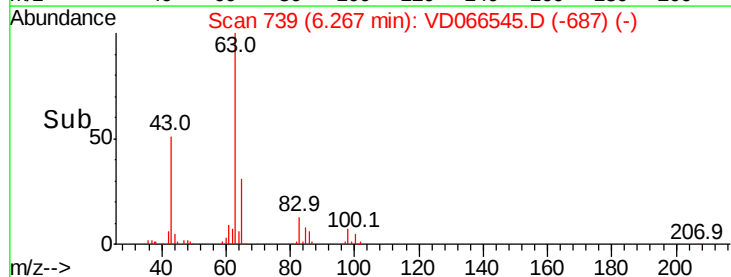
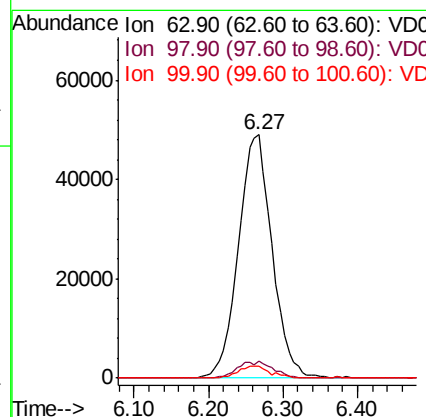
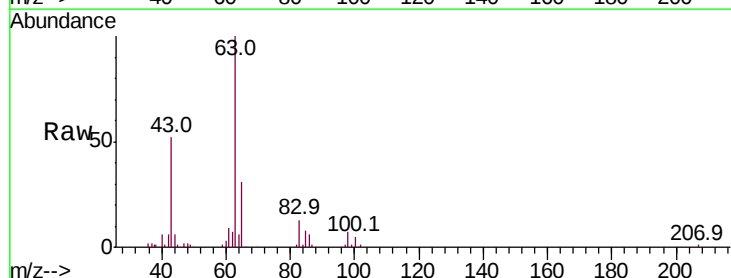
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

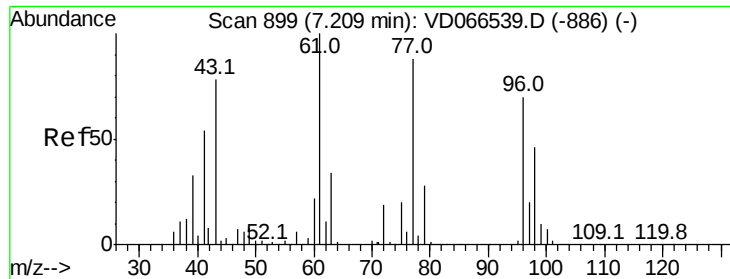
Tot Ion: 43 Resp: 684230
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 20.532 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion: 63 Resp: 153487
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 5.0 2.5 7.4





#25

2-Butanone

Concen: 101.603 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

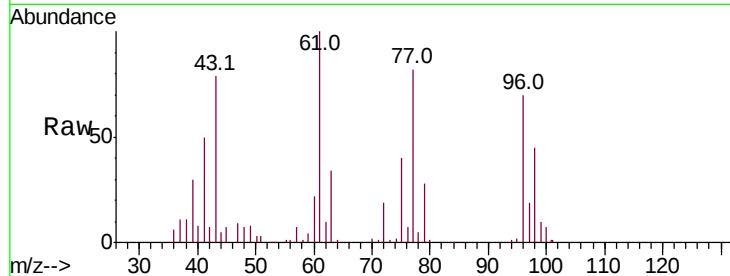
VD0903SBSD01

Tot Ion: 43 Resp: 106298

Ion Ratio Lower Upper

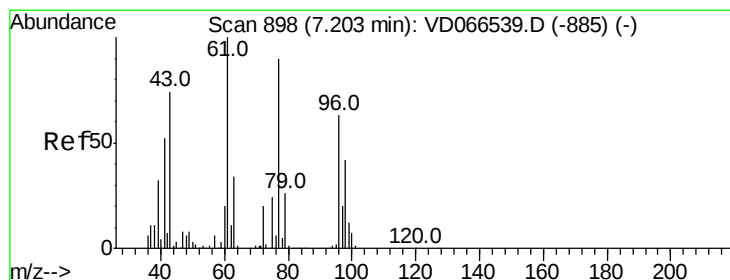
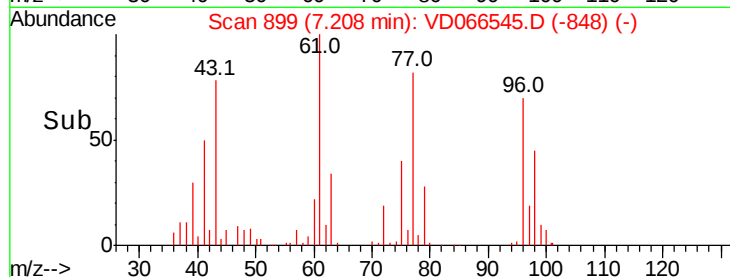
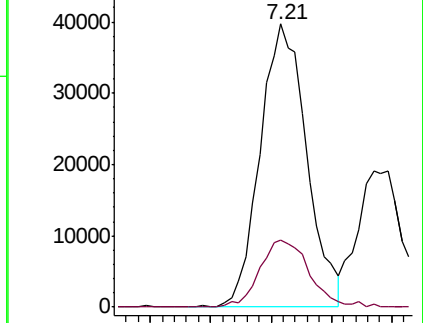
43 100

72 23.7 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.215 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066545.D

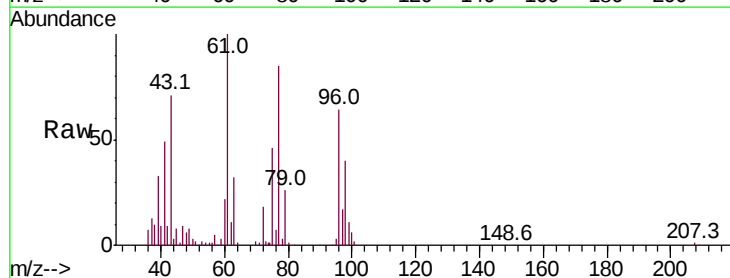
Acq: 03 Sep 2020 20:28

Tgt Ion: 77 Resp: 124903

Ion Ratio Lower Upper

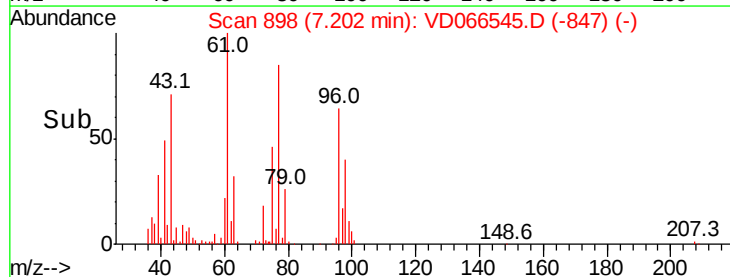
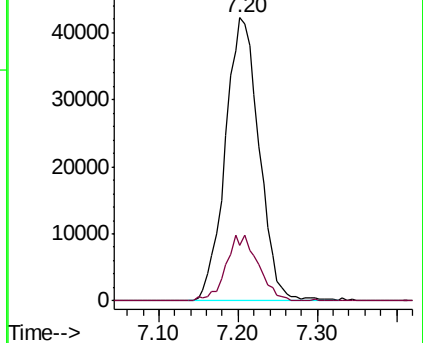
77 100

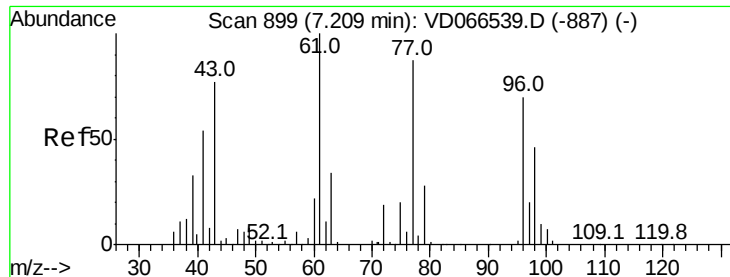
97 21.9 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



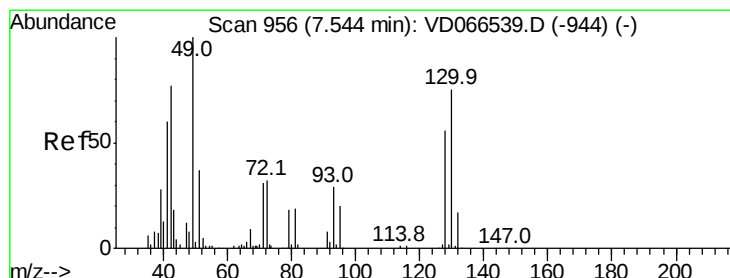
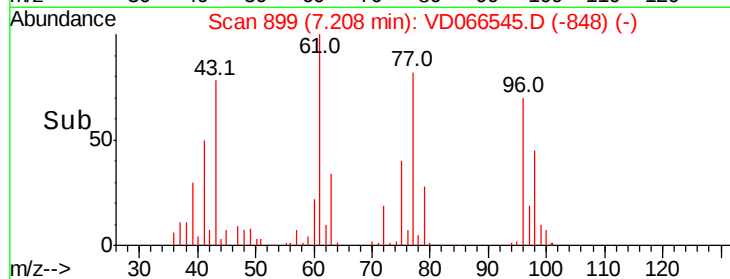
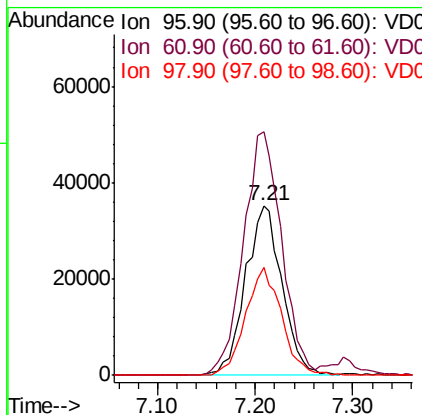
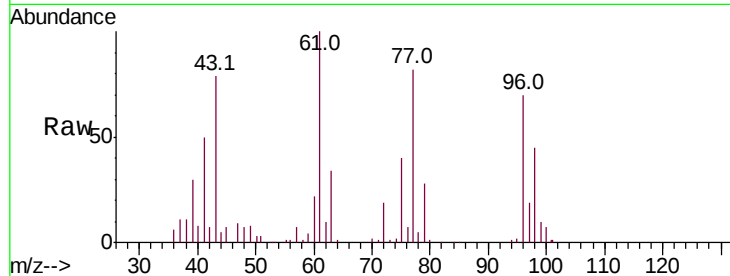


#27

cis-1,2-Dichloroethene
 Concen: 20.511 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

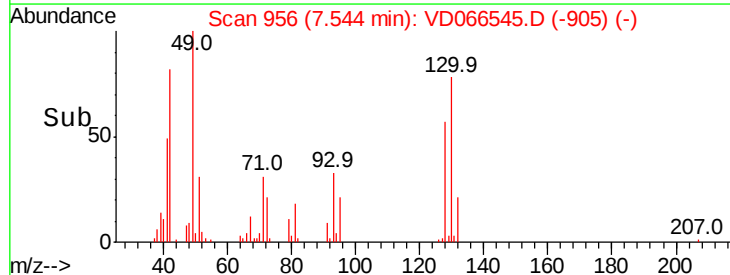
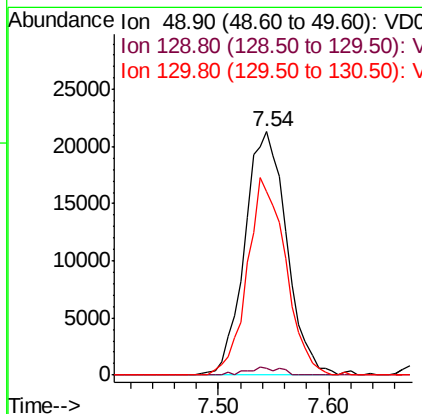
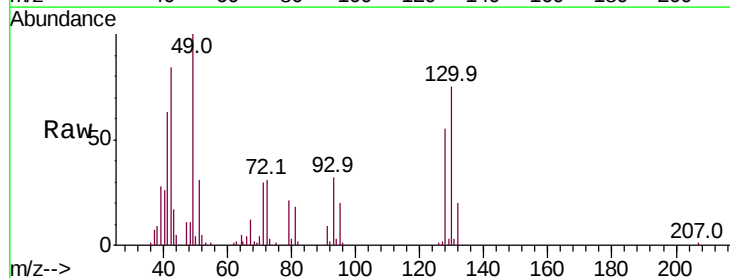
Tot Ion: 96 Resp: 92384
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 301.0
 98 62.7 0.0 129.8

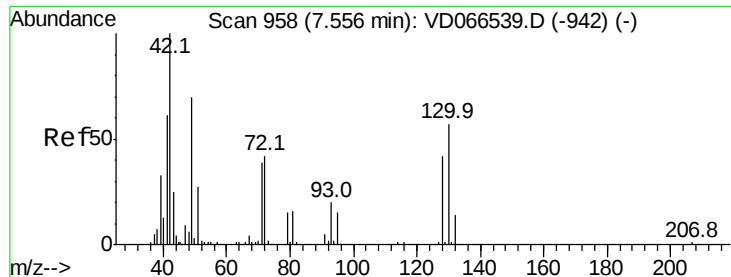


#28

Bromochloromethane
 Concen: 19.712 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion: 49 Resp: 56730
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.6
 130 74.1 58.2 87.2





#29

Tetrahydrofuran

Concen: 106.733 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

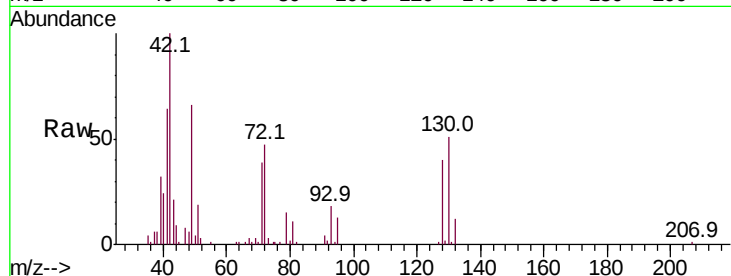
Tot Ion: 42 Resp: 69544

Ion Ratio Lower Upper

42 100

72 41.1 33.4 50.0

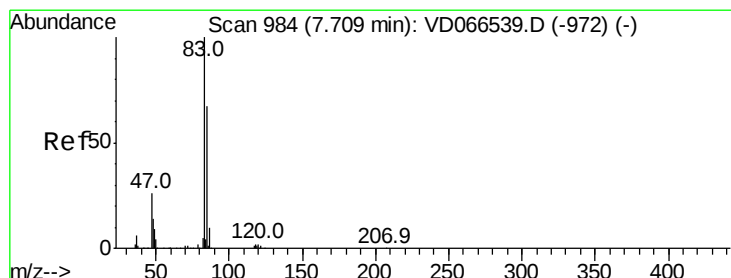
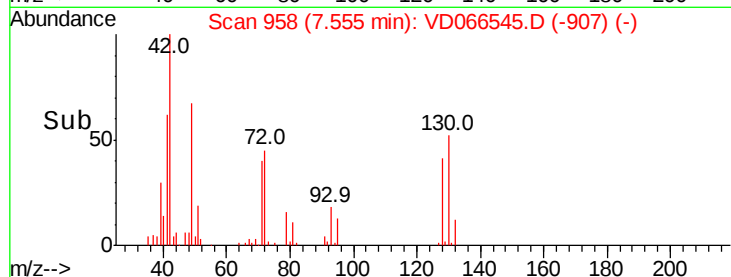
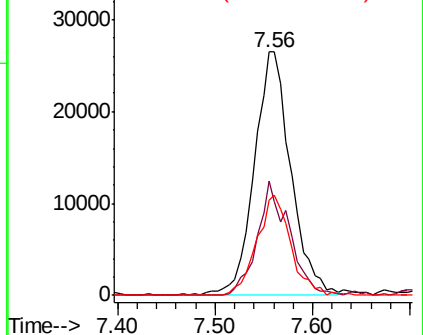
71 38.2 31.9 47.9



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: 20.681 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066545.D

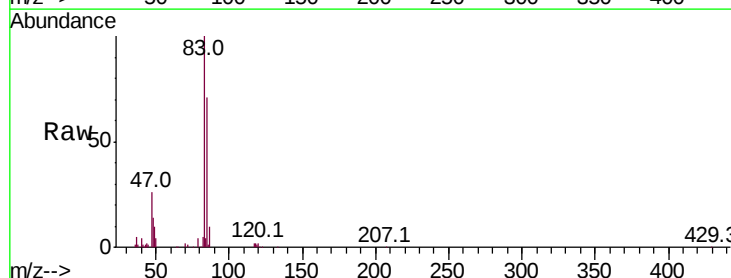
Acq: 03 Sep 2020 20:28

Tgt Ion: 83 Resp: 163558

Ion Ratio Lower Upper

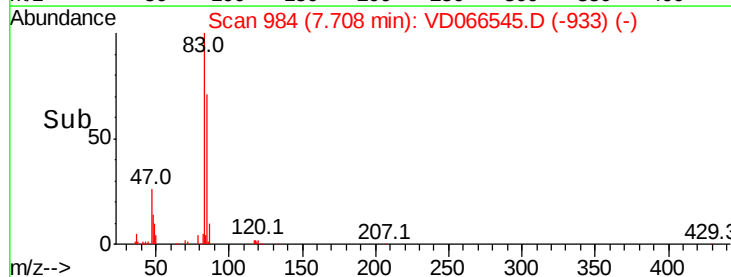
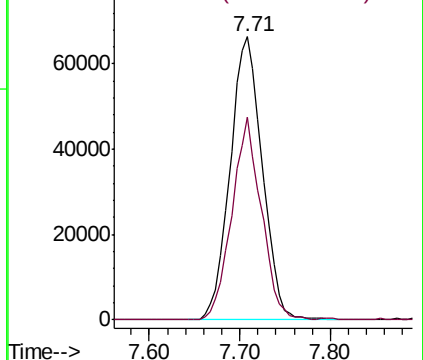
83 100

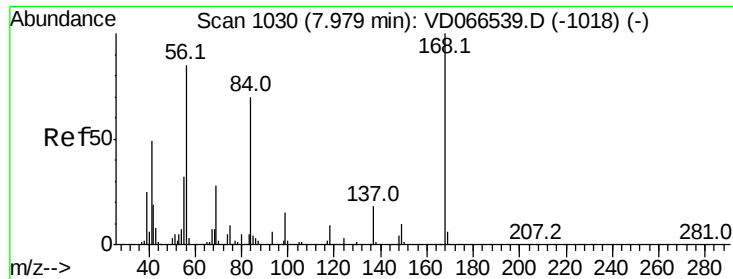
85 71.4 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

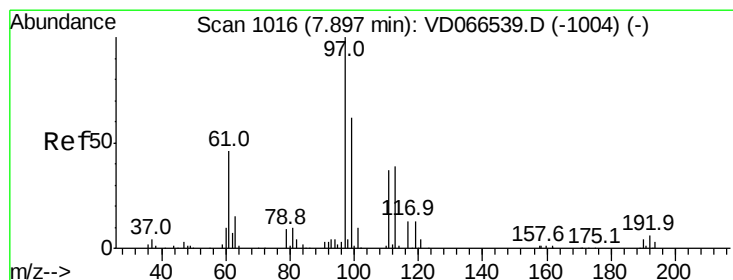
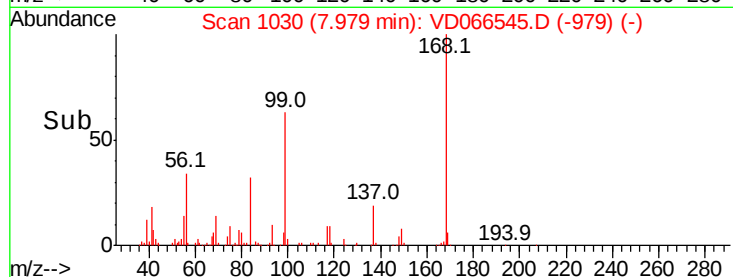
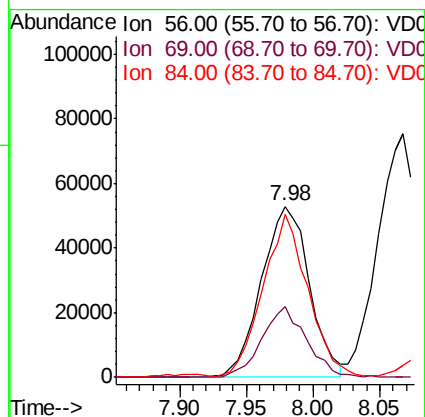
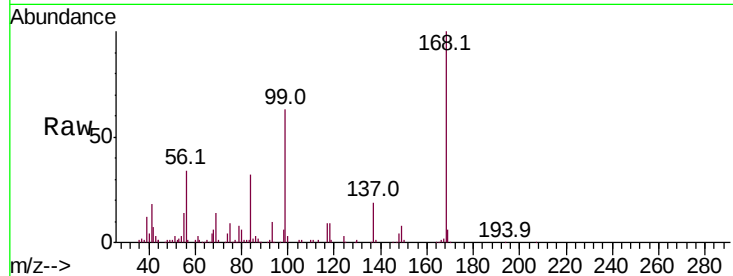




#31
Cyclohexane
Concen: 19.055 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

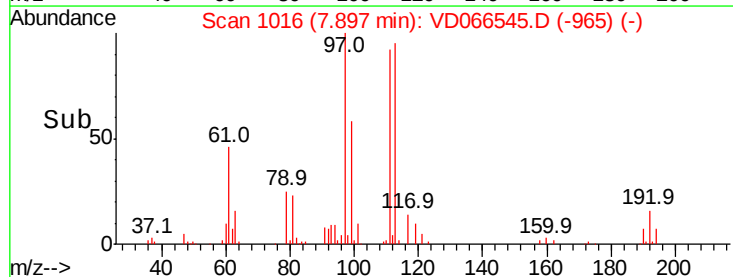
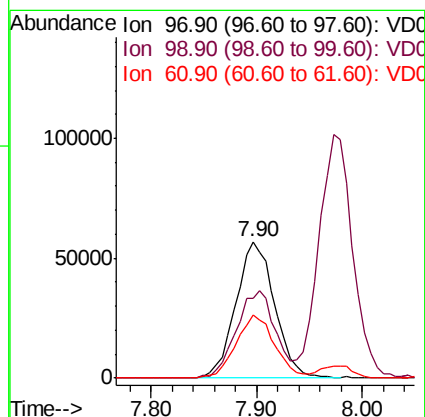
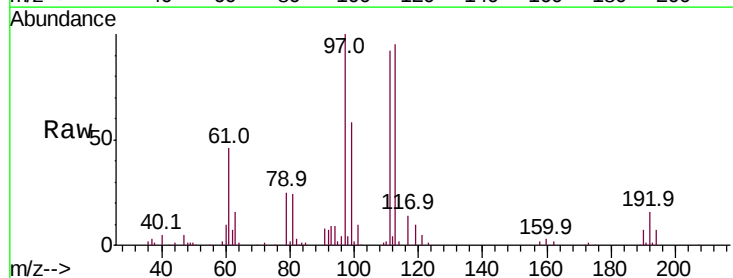
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

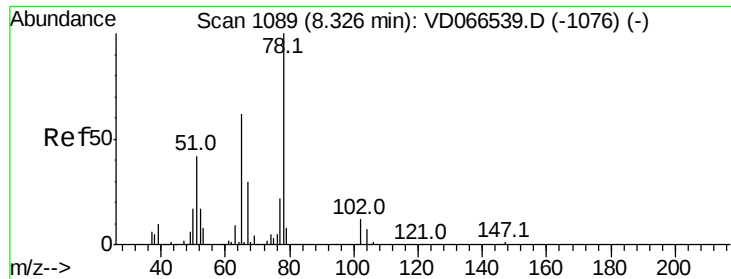
Tot Ion: 56 Resp: 131673
Ion Ratio Lower Upper
56 100
69 41.2 26.3 39.5#
84 93.3 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.448 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 97 Resp: 144604
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 45.5 37.4 56.0

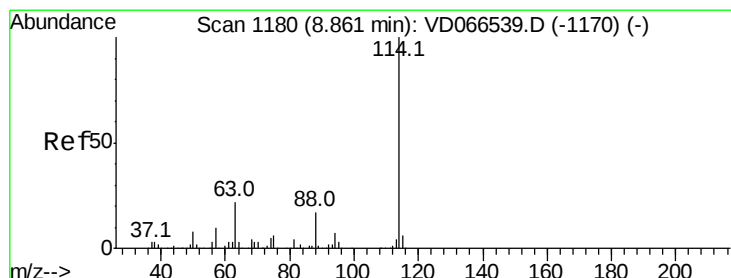
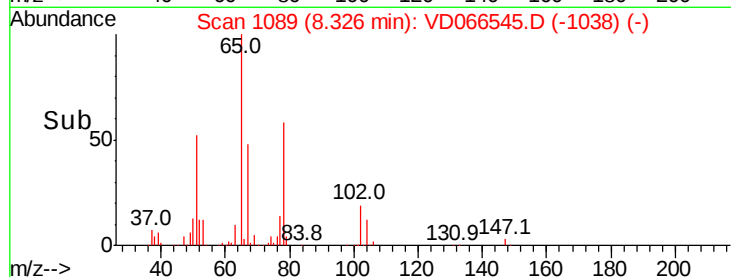
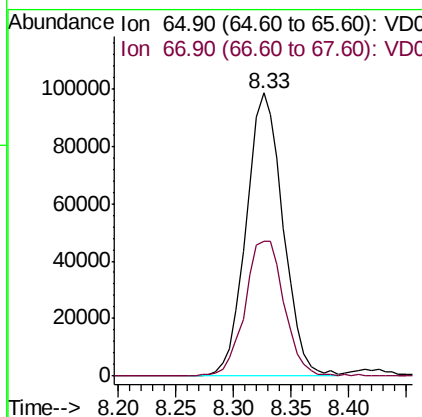
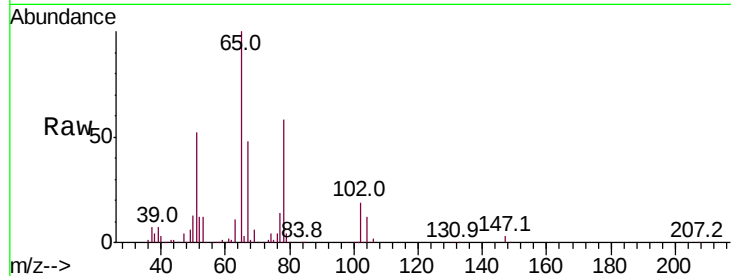




#33
 1,2-Dichloroethane-d4
 Concen: 51.815 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

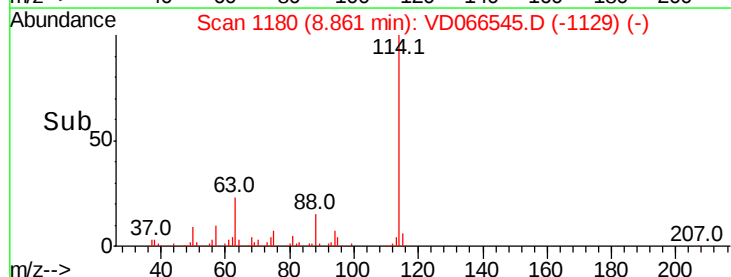
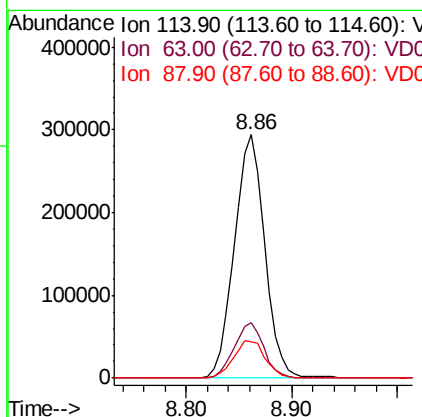
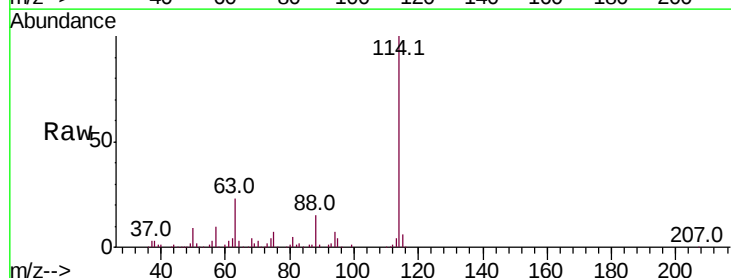
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

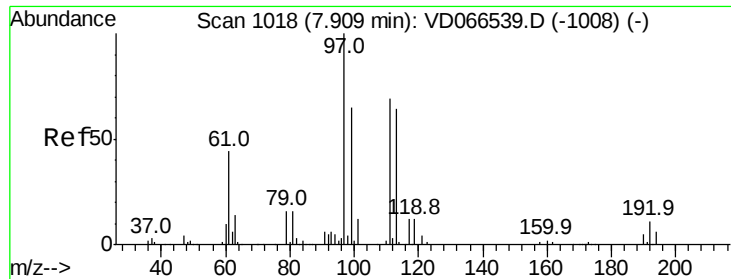
Tot Ion: 65 Resp: 219476
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion:114 Resp: 583695
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.2
 88 14.8 0.0 33.2

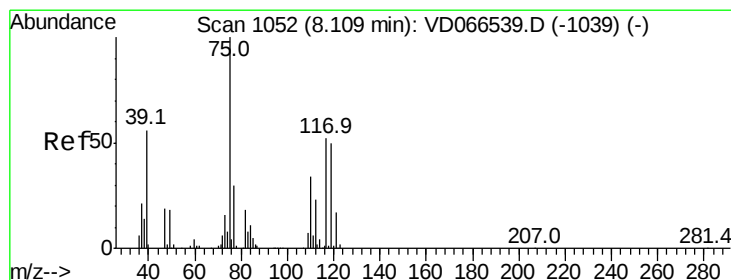
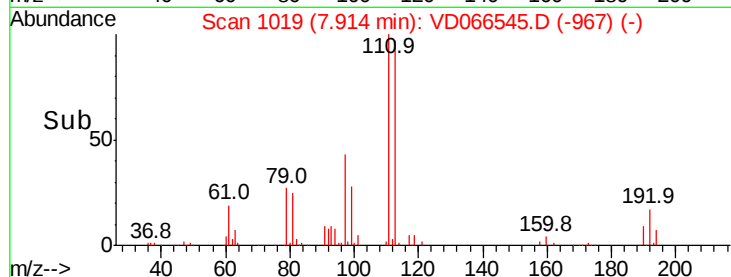
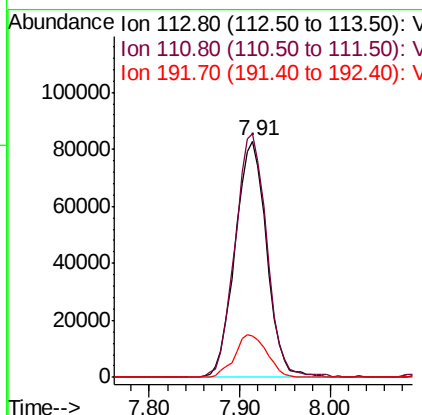
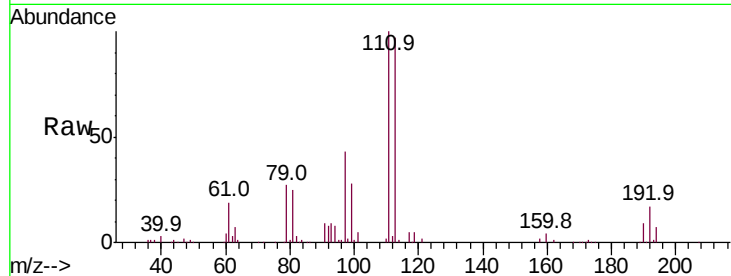




#35
 Dibromofluoromethane
 Concen: 50.947 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

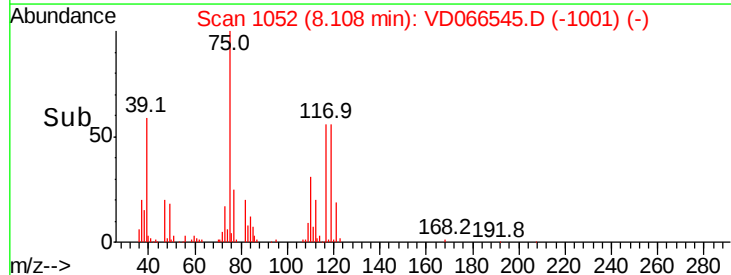
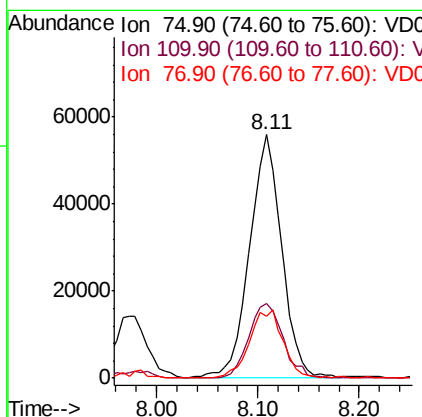
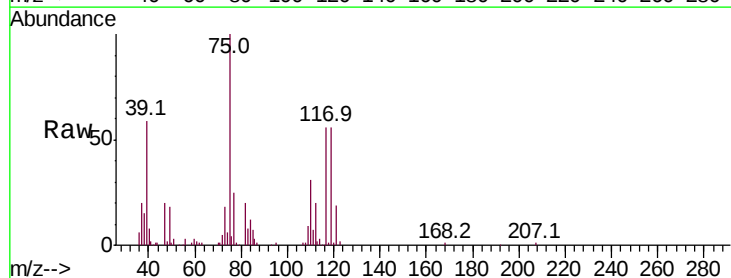
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

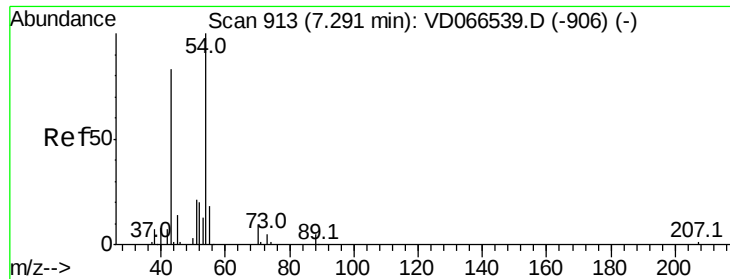
Tot Ion:113 Resp: 200612
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.2 124.8
 192 18.3 13.7 20.5



#36
 1,1-Dichloropropene
 Concen: 20.378 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion: 75 Resp: 123784
 Ion Ratio Lower Upper
 75 100
 110 32.5 17.3 52.0
 77 29.3 25.1 37.7

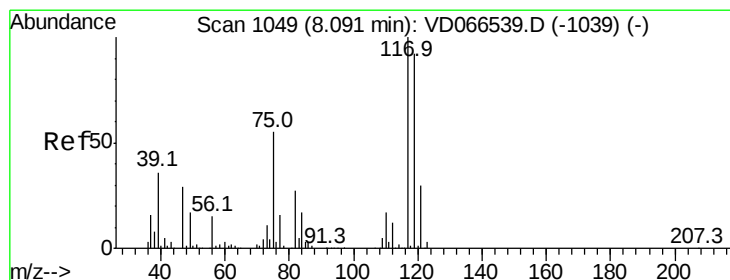
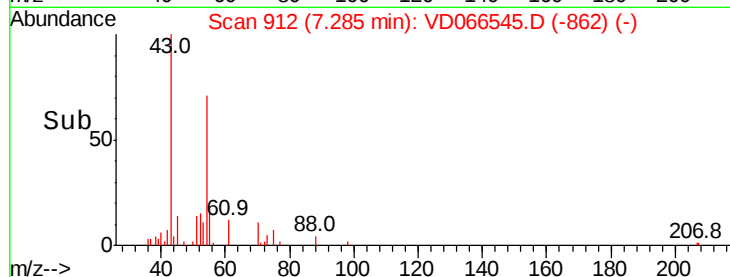
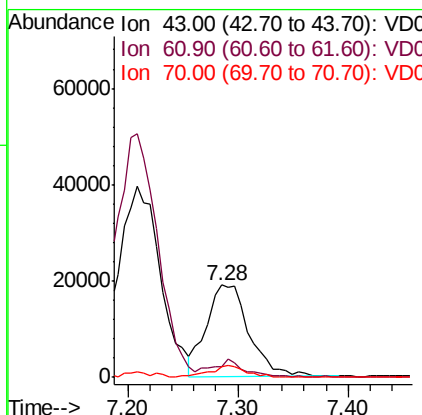
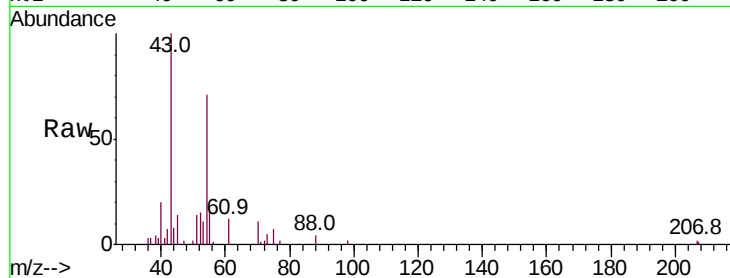




#37
Ethyl Acetate
Concen: 21.060 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

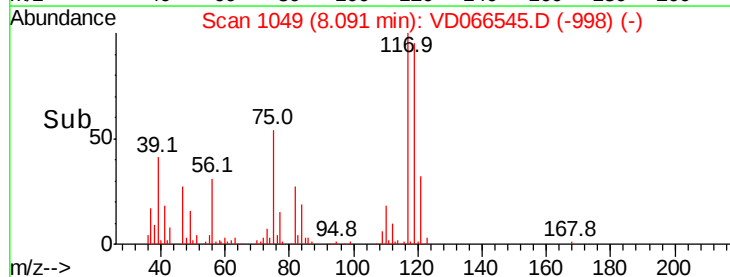
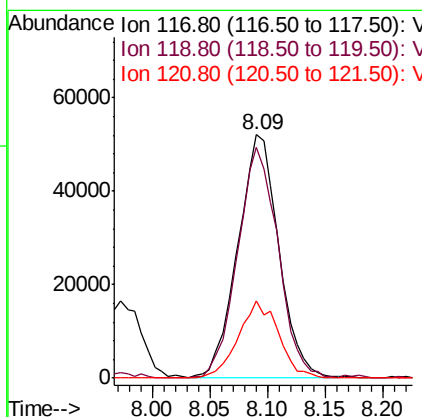
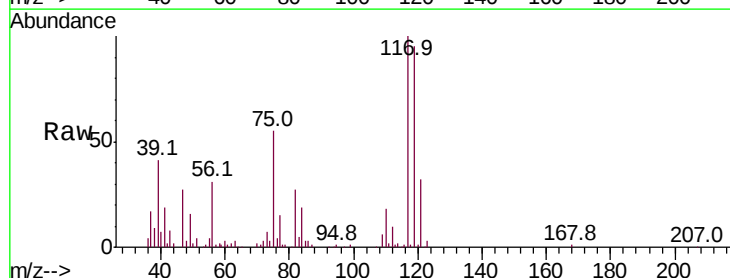
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBS01

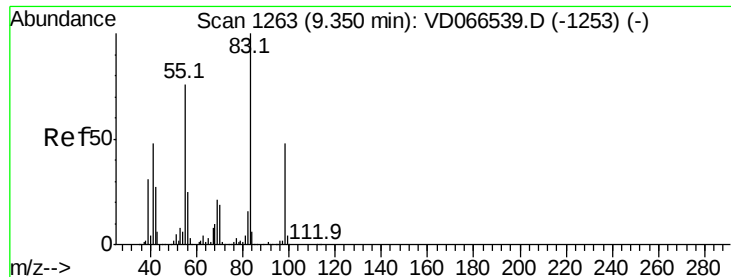
Tot Ion: 43 Resp: 50940
Ion Ratio Lower Upper
43 100
61 15.7 11.8 17.8
70 10.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.083 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 117 Resp: 128949
Ion Ratio Lower Upper
117 100
119 94.8 73.9 110.9
121 31.6 24.1 36.1

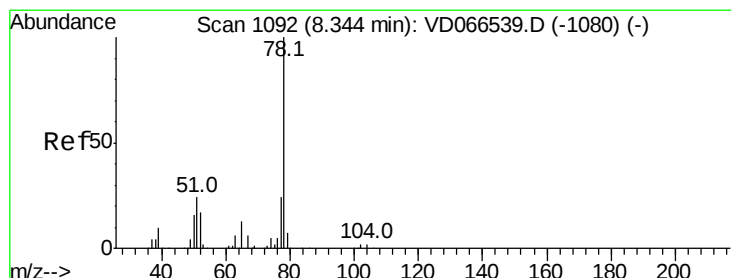
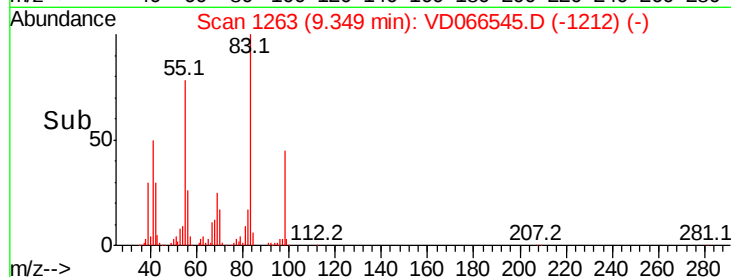
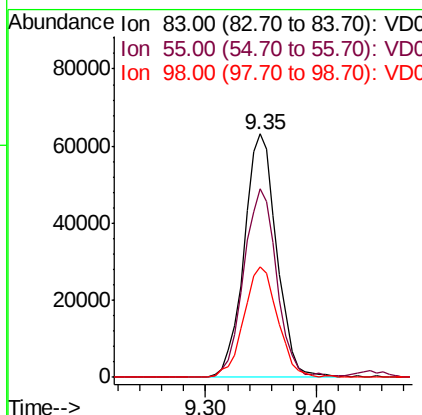
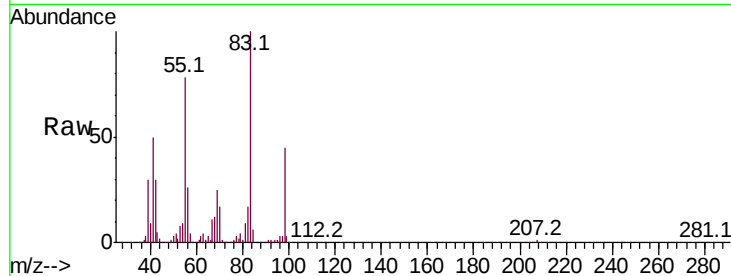




#39
Methvlcvclohexane
Concen: 19.282 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

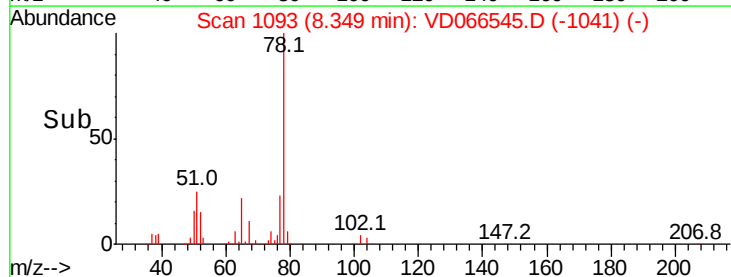
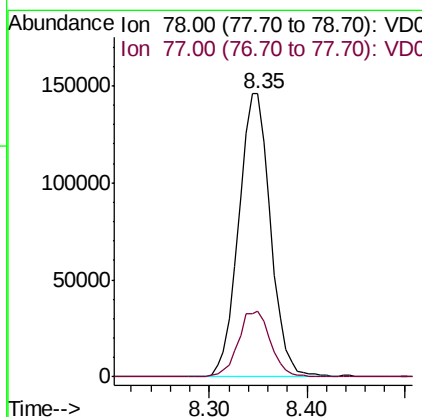
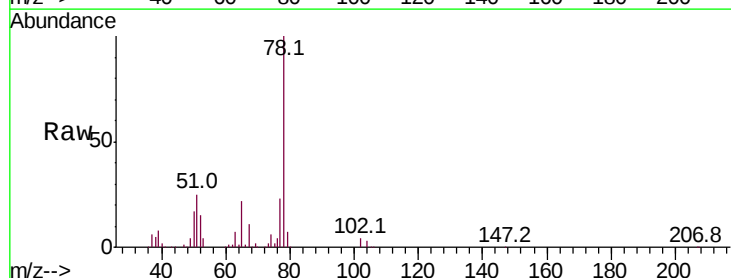
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

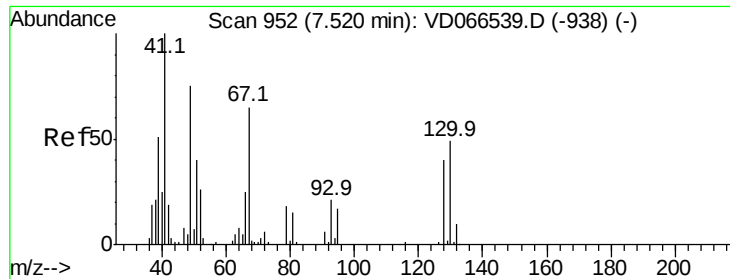
Tot Ion: 83 Resp: 130789
Ion Ratio Lower Upper
83 100
55 77.6 60.8 91.2
98 45.3 38.6 58.0



#40
Benzene
Concen: 19.999 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 78 Resp: 332722
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7

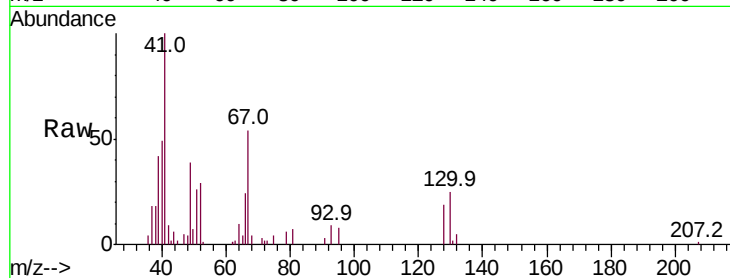




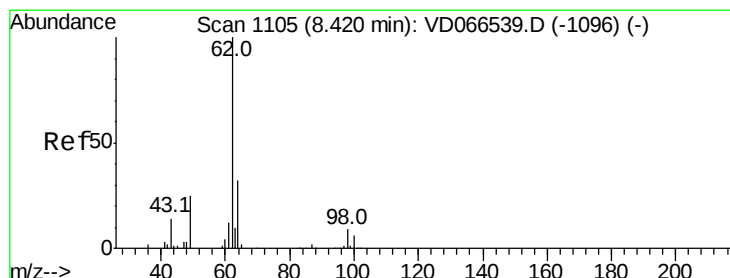
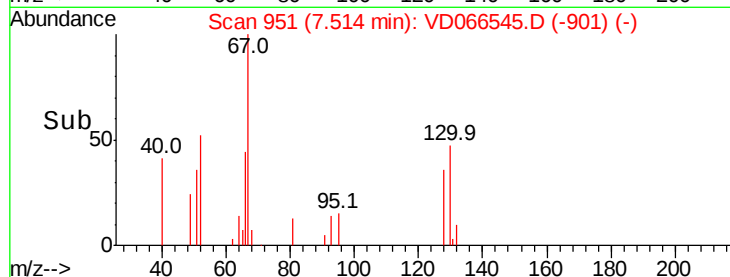
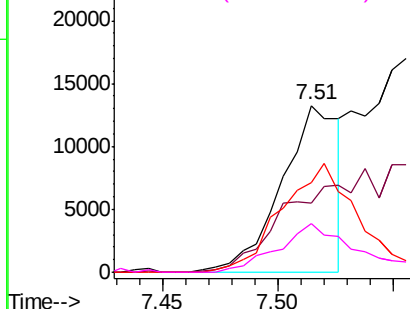
#41
Methacrylonitrile
Concen: 19.581 ug/l
RT: 7.51 min Scan# 951
Delta R.T. -0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

Tot Ion:	41	Resp:	22927
Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.6	80.4#
67	88.0	59.2	88.8
52	39.5	26.8	40.2

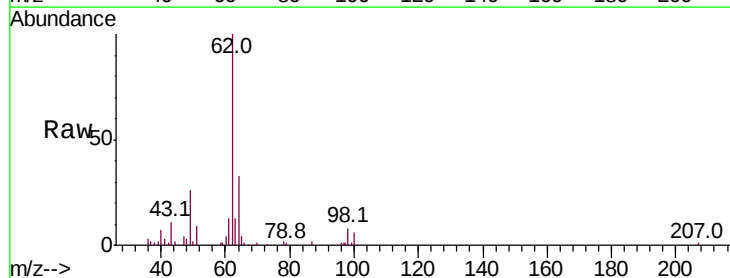


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

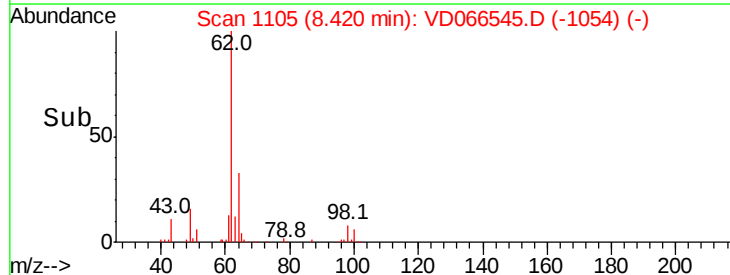
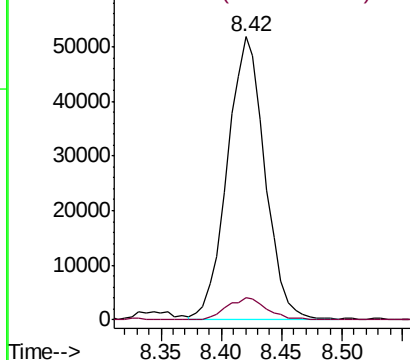


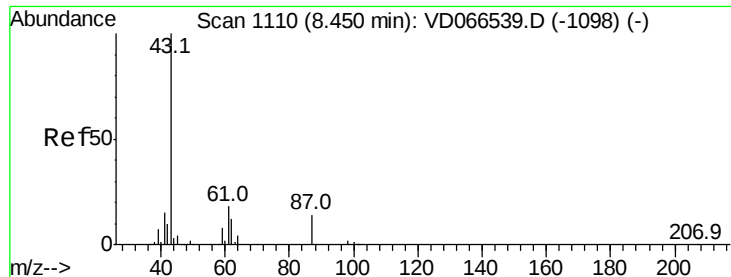
#42
1,2-Dichloroethane
Concen: 20.791 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion:	62	Resp:	112069
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 20.437 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

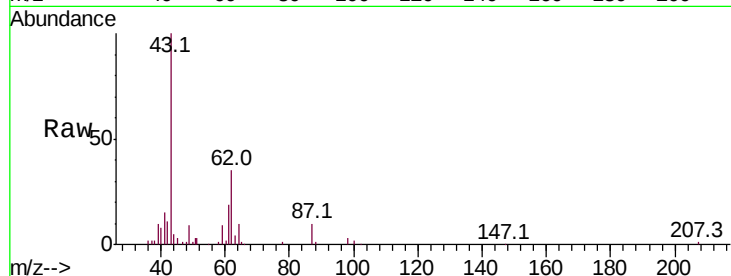
Tot Ion: 43 Resp: 94734

Ion Ratio Lower Upper

43 100

61 31.2 23.8 35.8

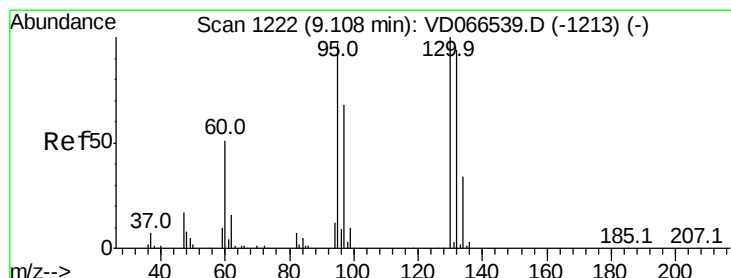
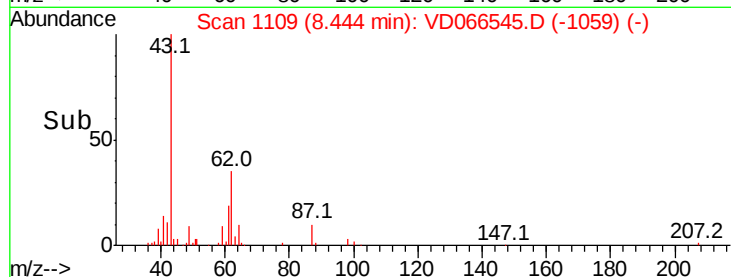
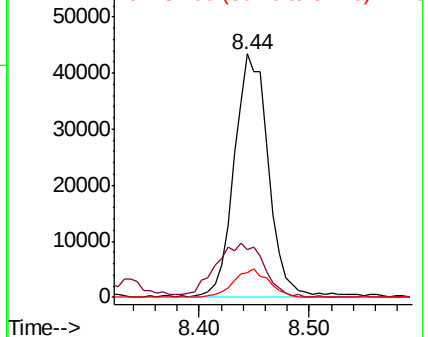
87 11.9 10.7 16.1



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: 20.646 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066545.D

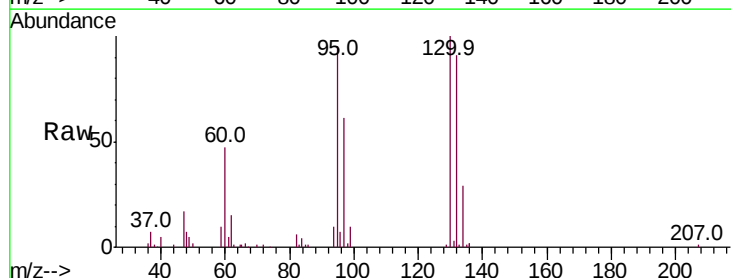
Acq: 03 Sep 2020 20:28

Tgt Ion: 130 Resp: 90098

Ion Ratio Lower Upper

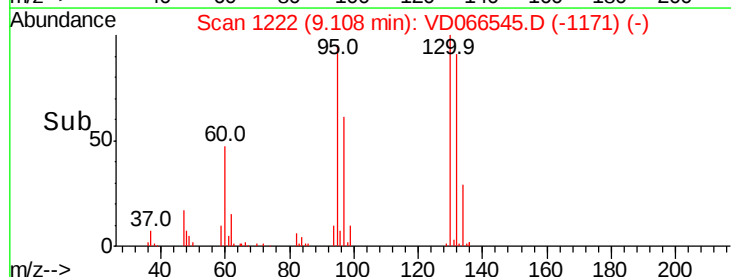
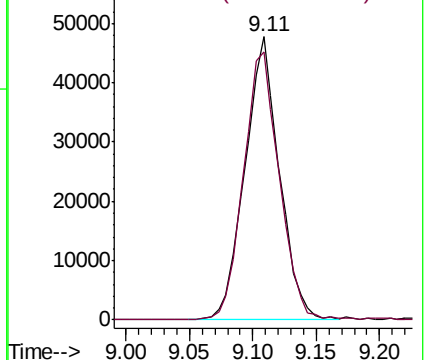
130 100

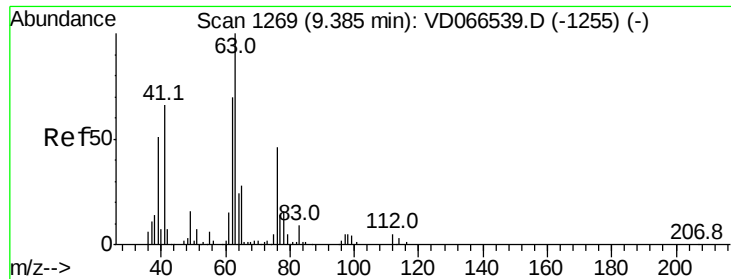
95 94.9 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.502 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

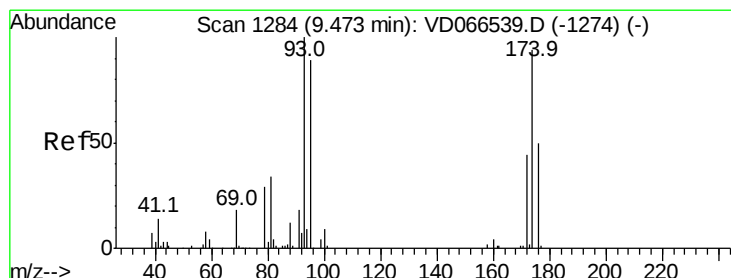
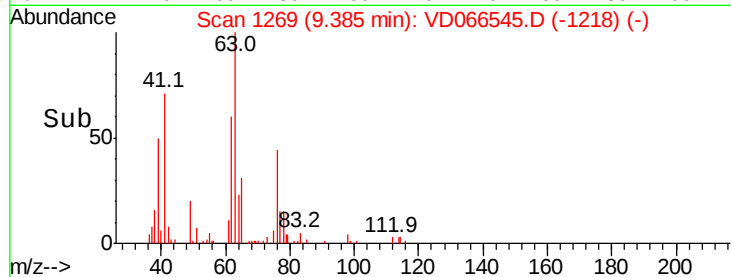
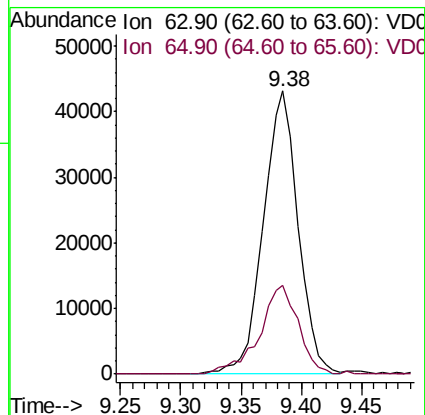
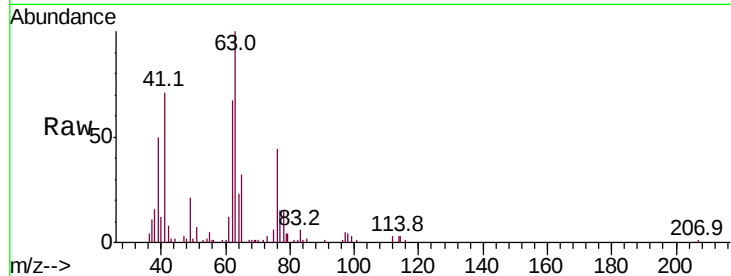
VD0903SBS01

Tot Ion: 63 Resp: 85777

Ion Ratio Lower Upper

63 100

65 31.5 22.6 34.0



#46

Dibromomethane

Concen: 20.251 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

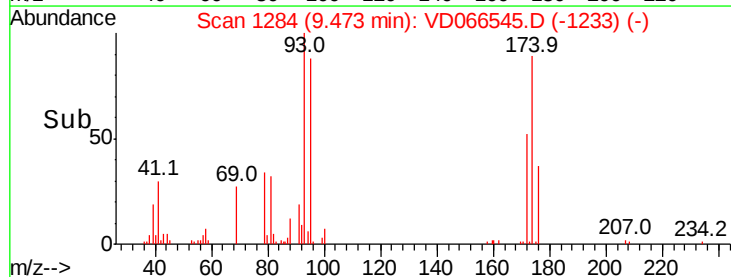
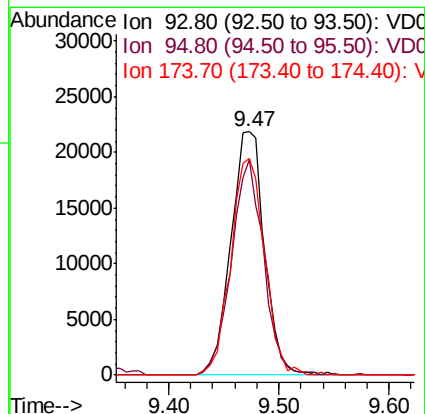
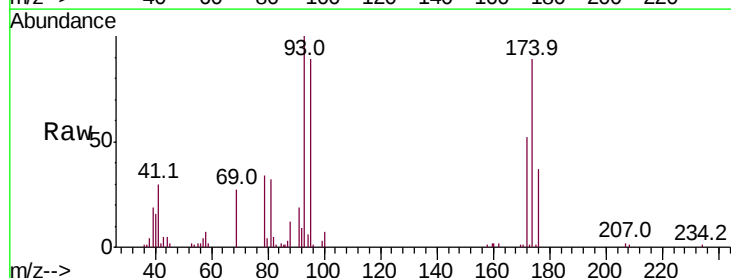
Tgt Ion: 93 Resp: 46745

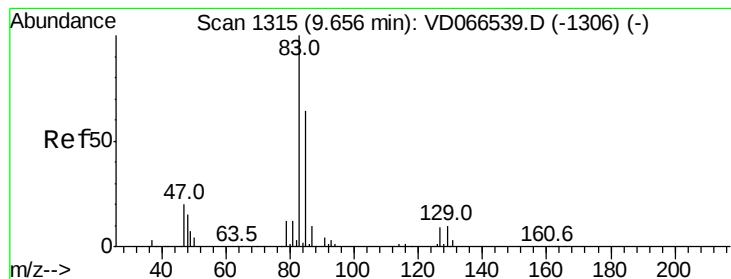
Ion Ratio Lower Upper

93 100

95 84.3 68.7 103.1

174 89.4 70.0 105.0





#47

Bromodichloromethane

Concen: 20.284 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

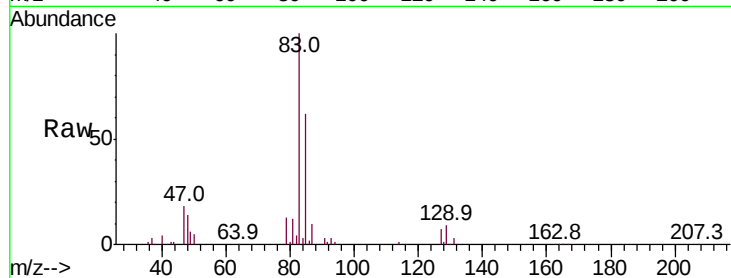
Tot Ion: 83 Resp: 126672

Ion Ratio Lower Upper

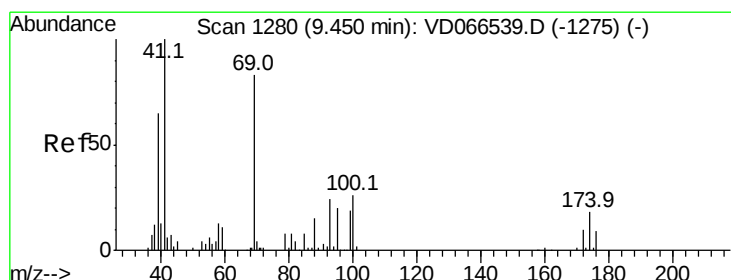
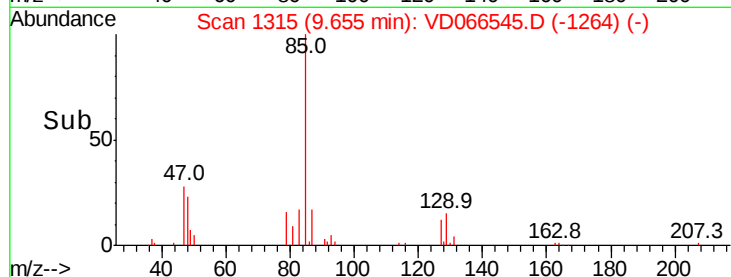
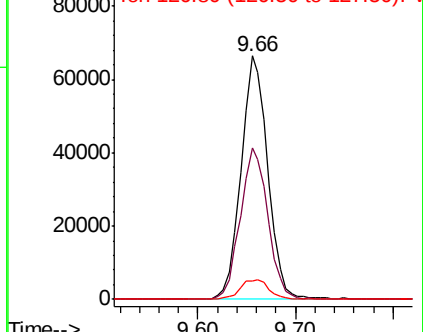
83 100

85 62.2 51.1 76.7

127 7.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 18.992 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

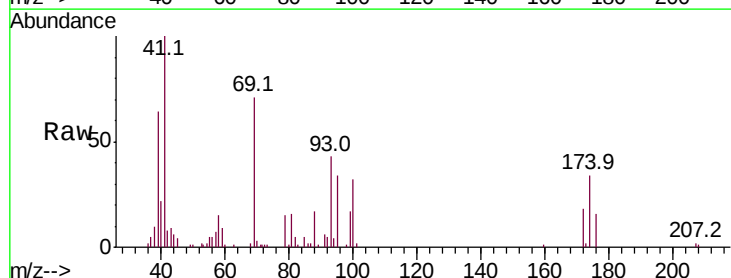
Tgt Ion: 41 Resp: 44516

Ion Ratio Lower Upper

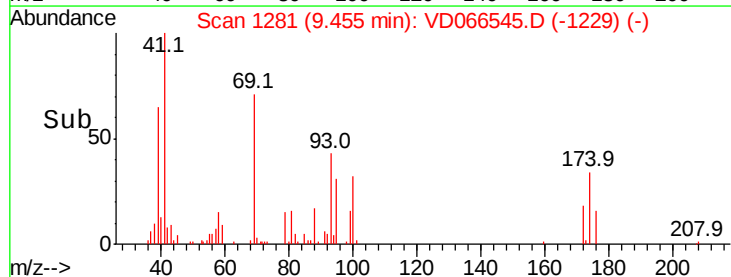
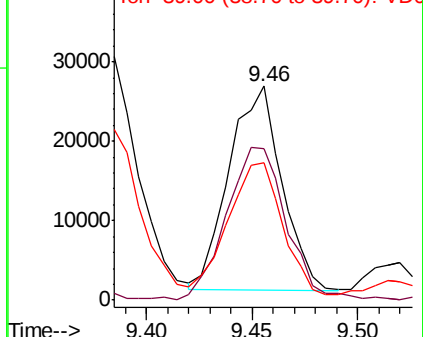
41 100

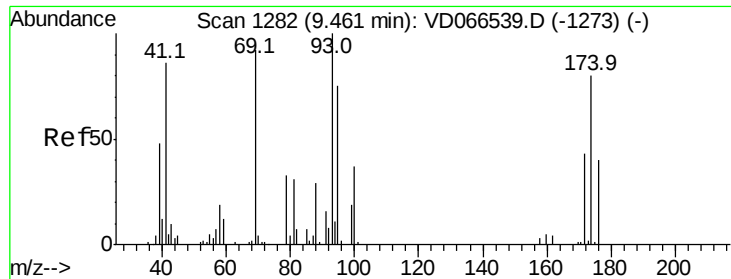
69 85.6 64.5 96.7

39 67.1 46.6 69.8



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





#49

1,4-Dioxane

Concen: 381.268 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

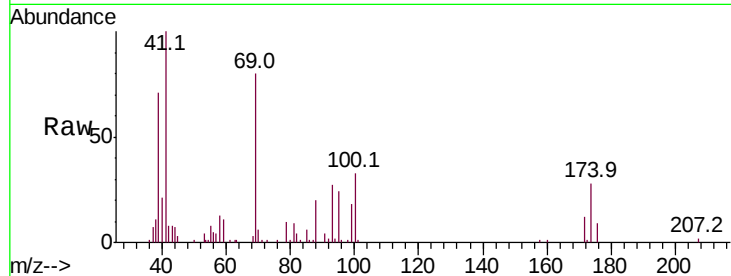
Tot Ion: 88 Resp: 9655

Ion Ratio Lower Upper

88 100

43 49.3 28.3 42.5#

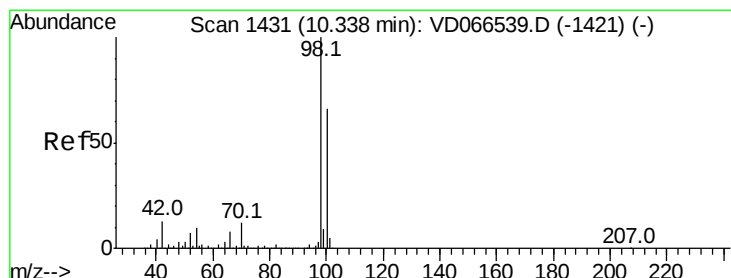
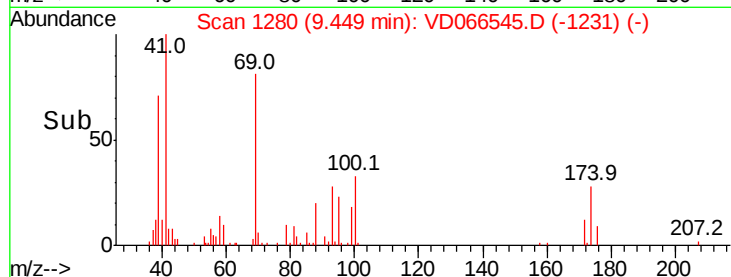
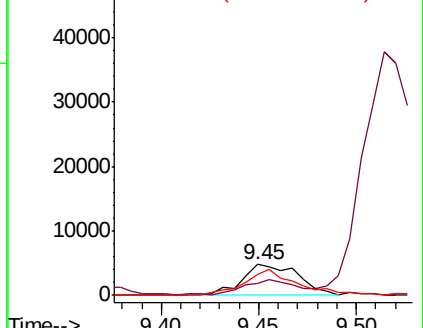
58 77.9 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.705 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066545.D

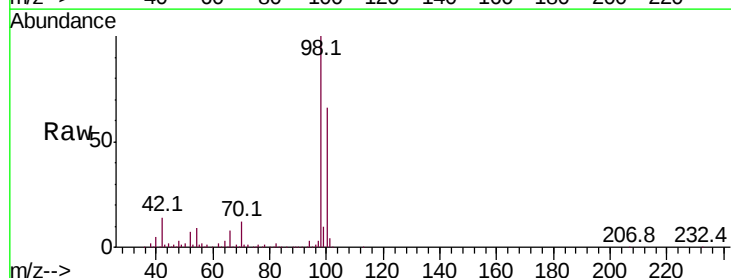
Acq: 03 Sep 2020 20:28

Tgt Ion: 98 Resp: 741764

Ion Ratio Lower Upper

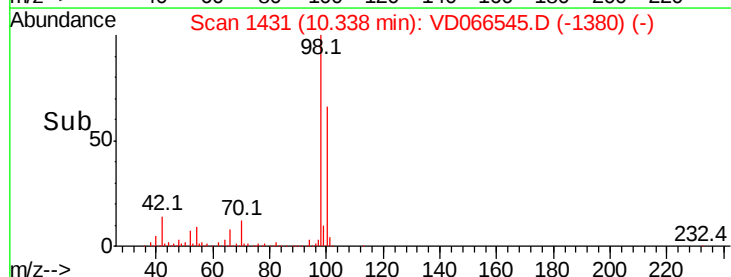
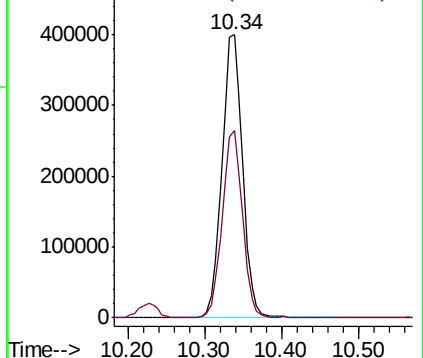
98 100

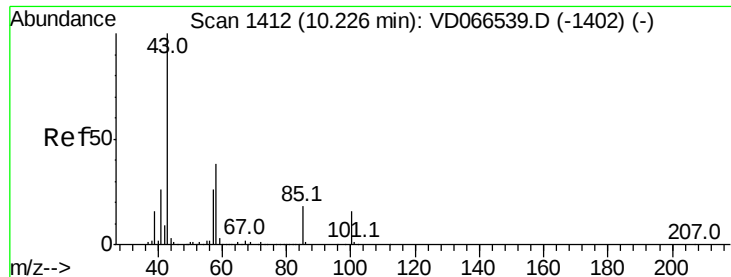
100 65.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 104.331 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

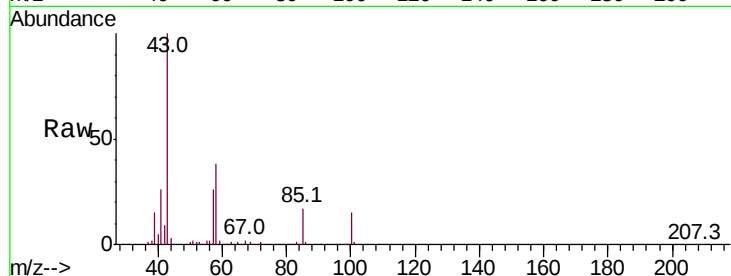
VD0903SBS01

Tot Ion: 43 Resp: 243903

Ion Ratio Lower Upper

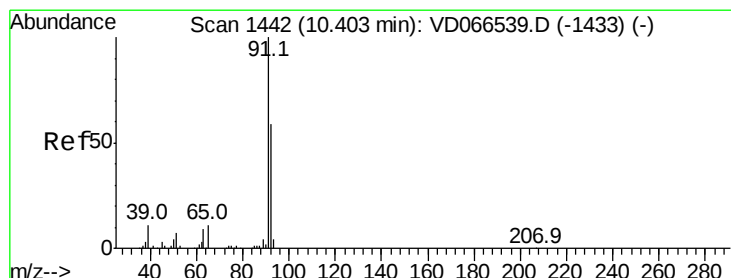
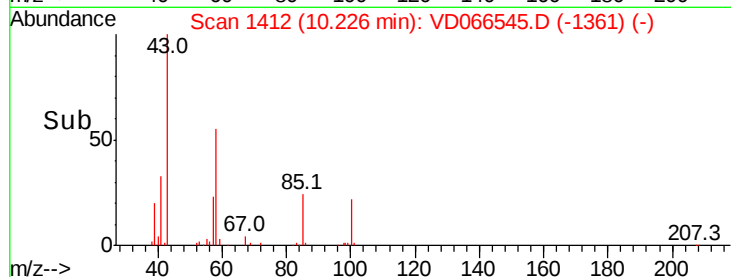
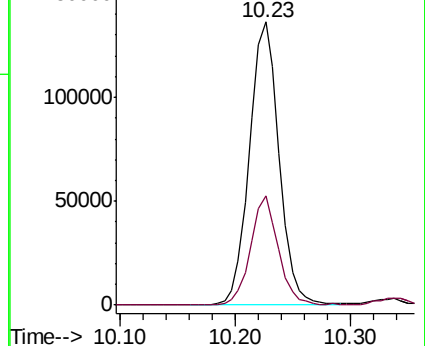
43 100

58 35.9 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.343 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066545.D

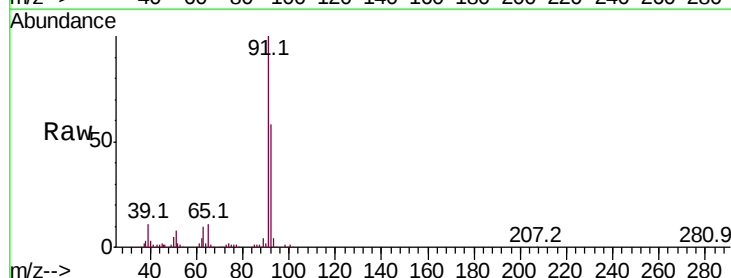
Acq: 03 Sep 2020 20:28

Tgt Ion: 92 Resp: 214235

Ion Ratio Lower Upper

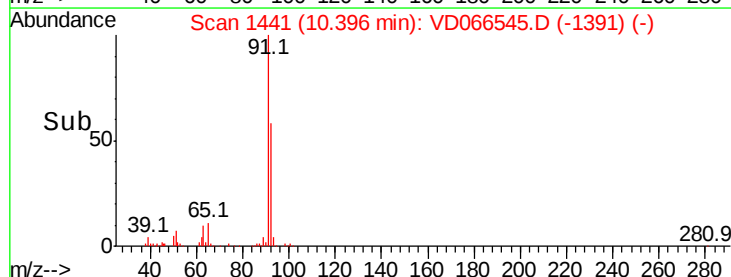
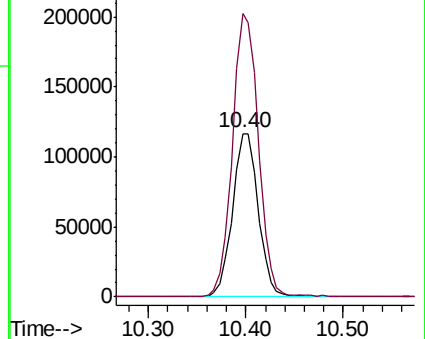
92 100

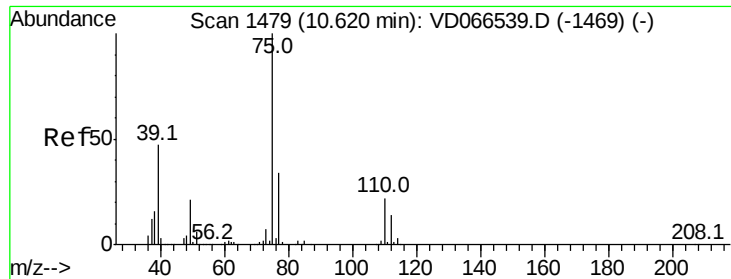
91 175.0 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 19.916 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

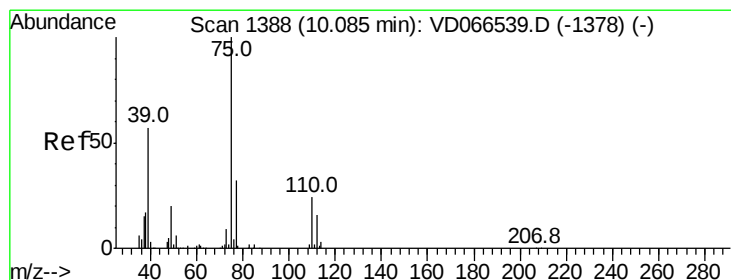
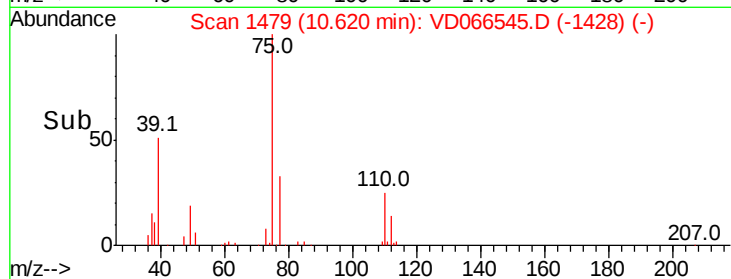
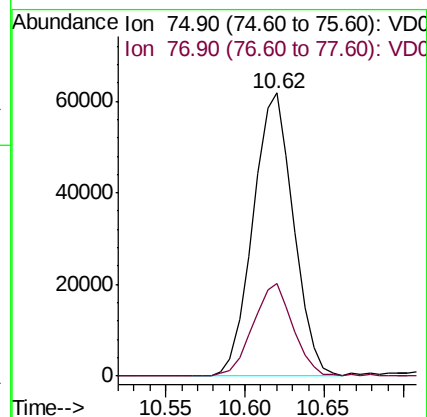
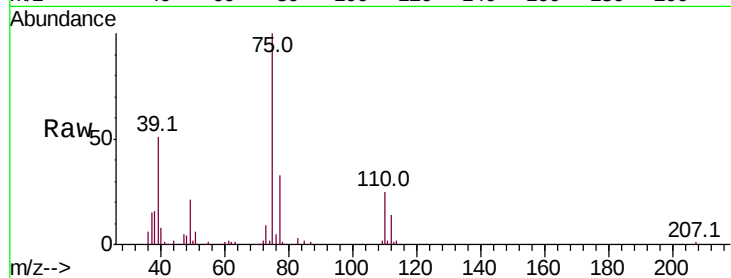
VD0903SBSD01

Tot Ion: 75 Resp: 109797

Ion Ratio Lower Upper

75 100

77 32.7 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 19.784 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

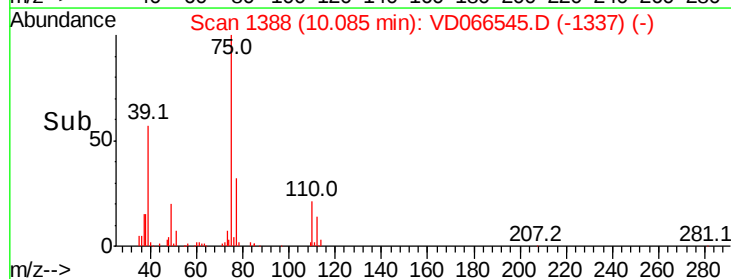
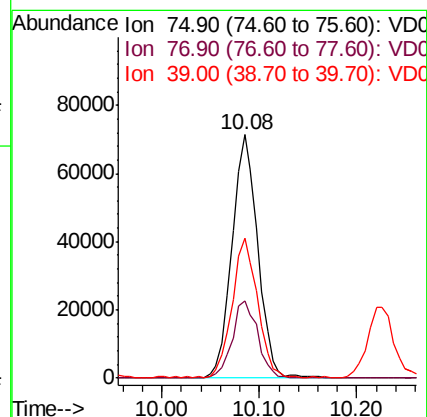
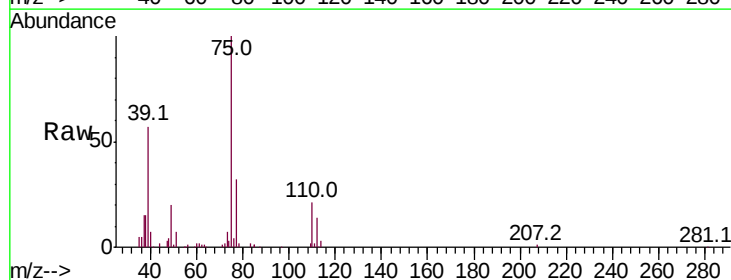
Tgt Ion: 75 Resp: 130981

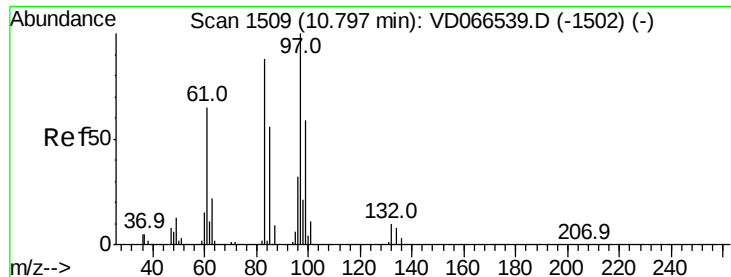
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 57.4 45.4 68.0

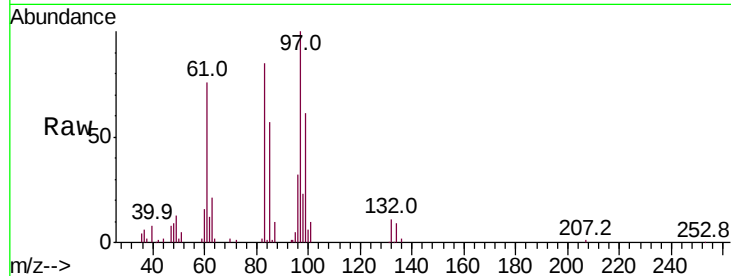




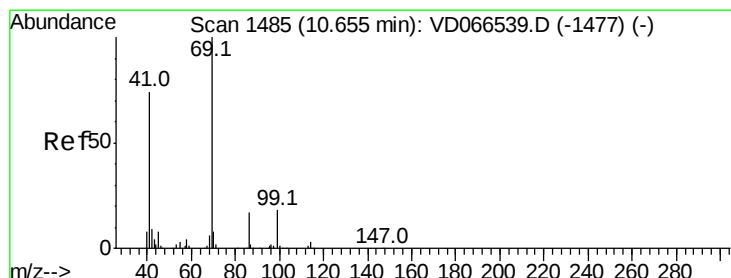
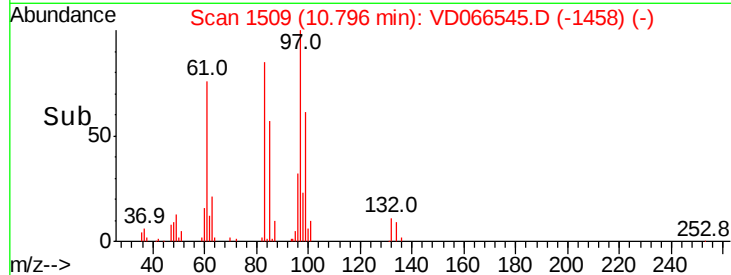
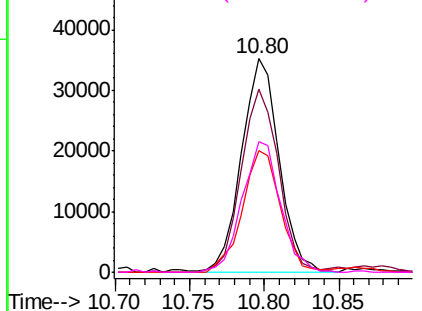
#55
 1,1,2-Trichloroethane
 Concen: 20.710 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

Tot Ion: 97 Resp: 61464
 Ion Ratio Lower Upper
 97 100
 83 85.4 70.1 105.1
 85 57.1 44.5 66.7
 99 60.8 47.1 70.7

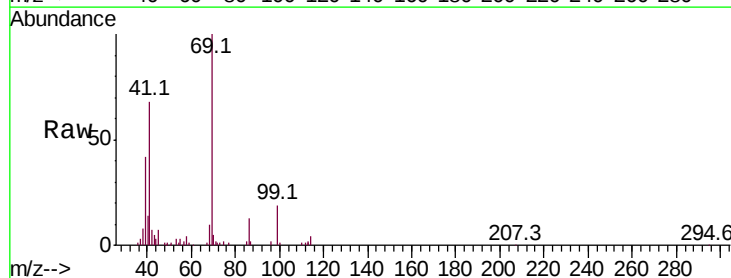


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

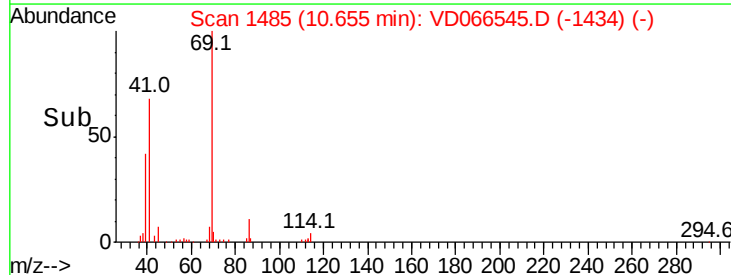
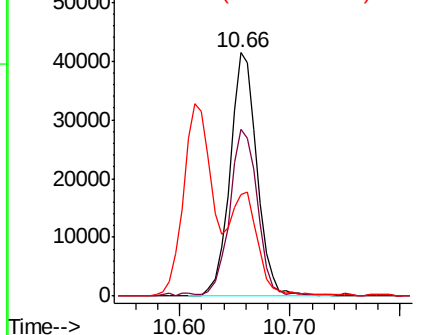


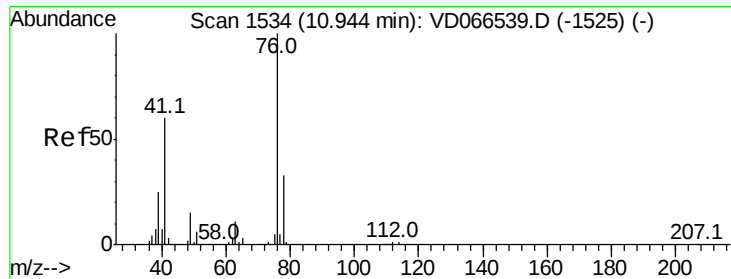
#56
 Ethyl methacrylate
 Concen: 20.507 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion: 69 Resp: 70865
 Ion Ratio Lower Upper
 69 100
 41 69.5 56.8 85.2
 39 43.1 30.6 46.0



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: 20.369 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

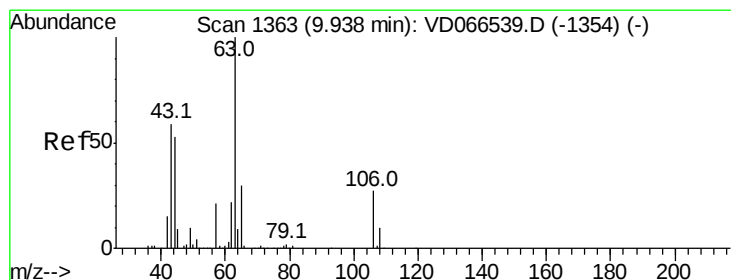
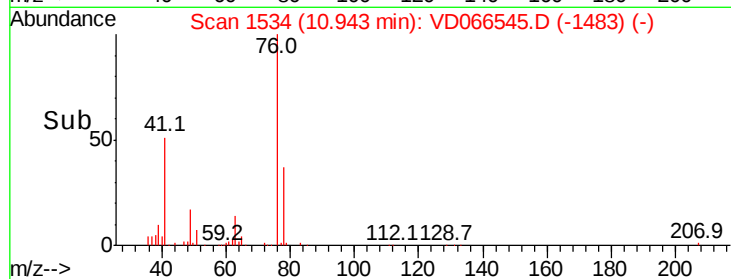
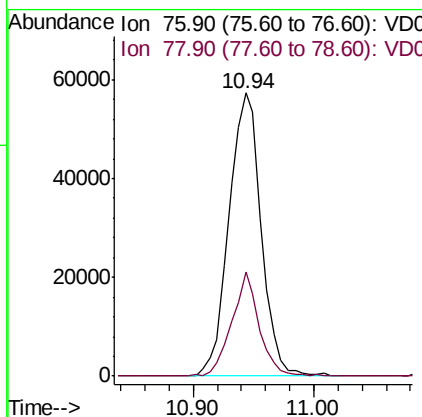
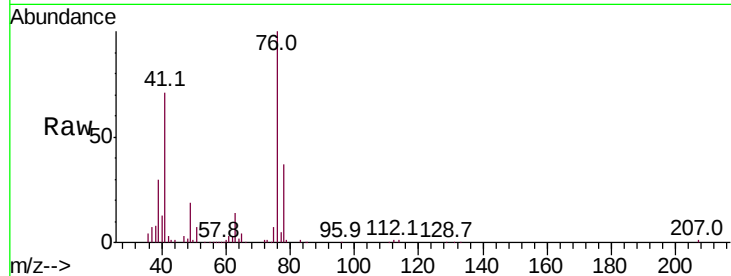
Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

Tot Ion: 76 Resp: 105887

Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.8



#58

2-Chloroethyl Vinyl ether

Concen: 116.124 ug/l

RT: 9.94 min Scan# 1363

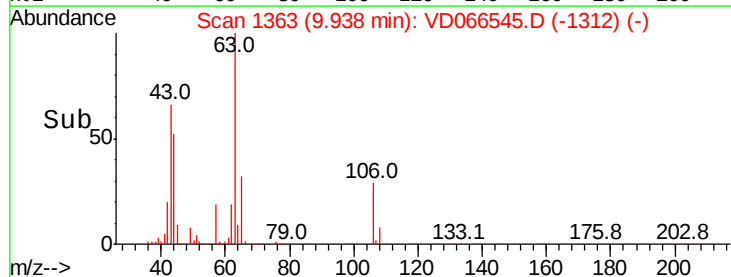
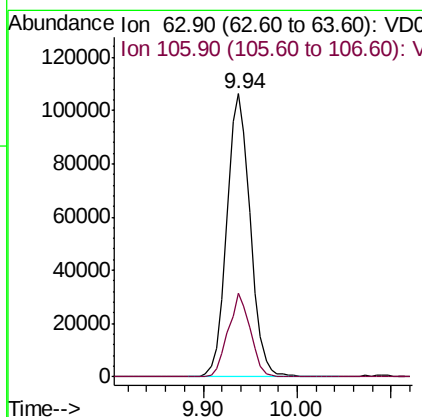
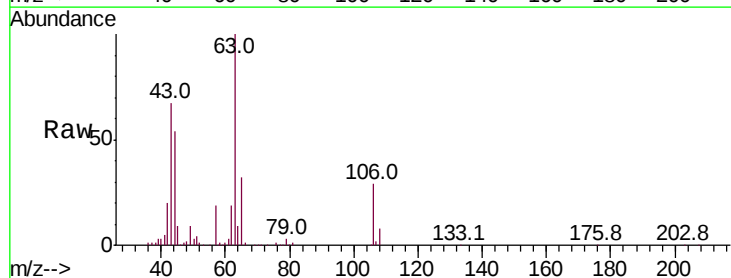
Delta R.T. -0.00 min

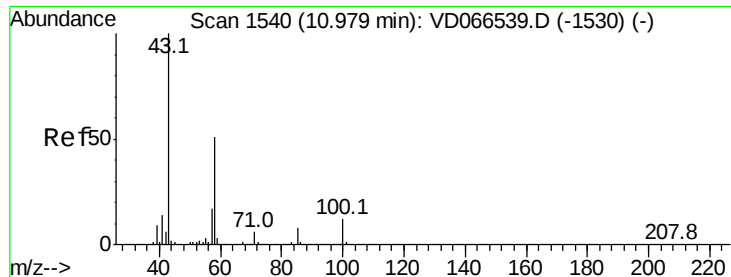
Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Tgt Ion: 63 Resp: 183542

Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.0	33.0

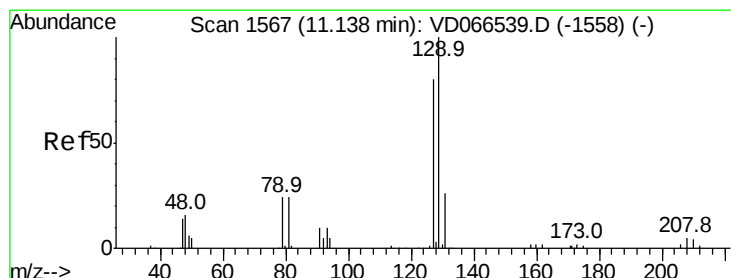
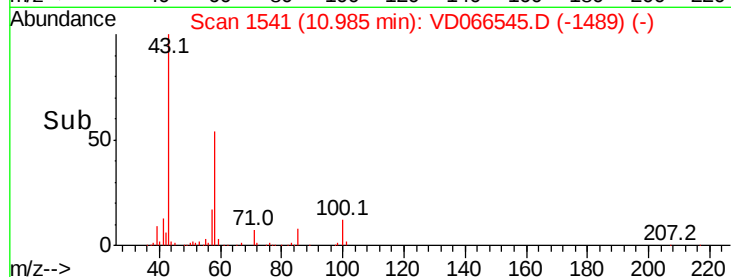
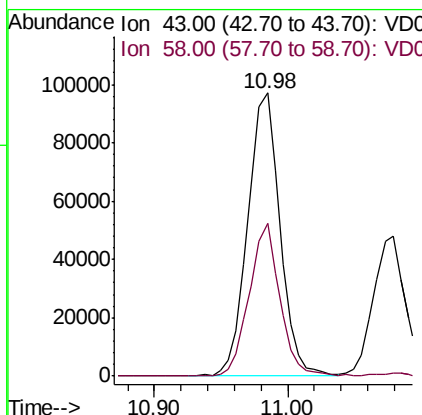
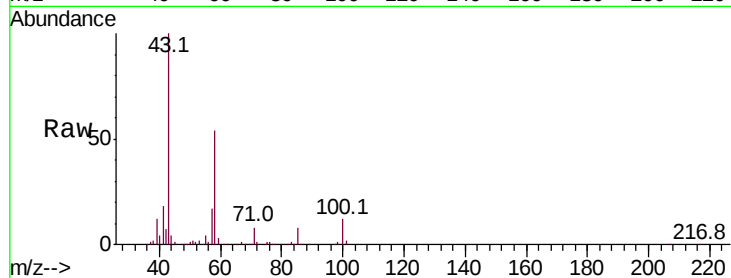




#59
2-Hexanone
Concen: 103.100 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

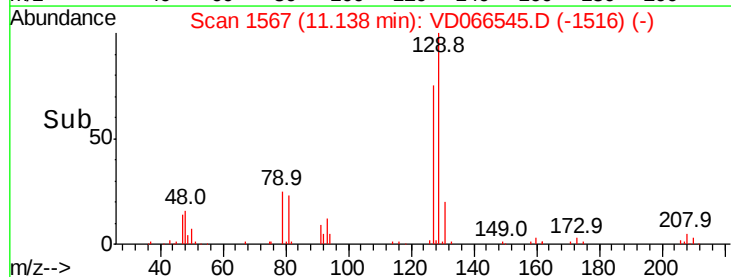
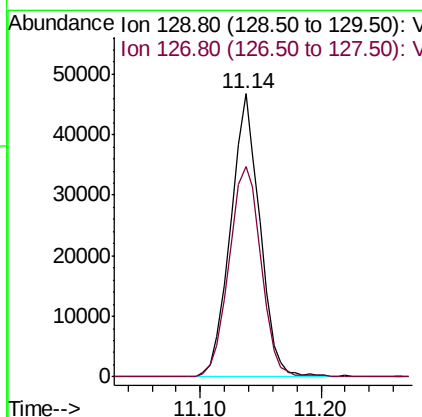
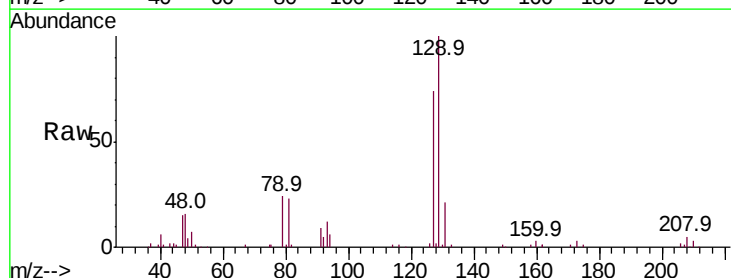
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

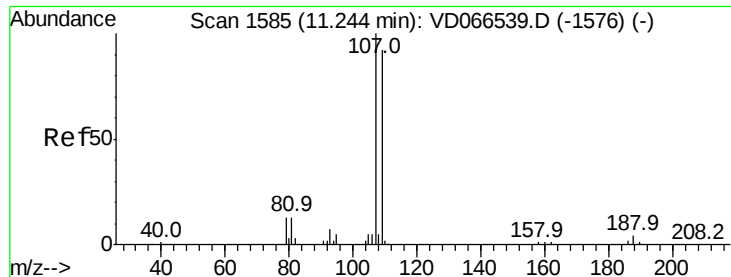
Tot Ion: 43 Resp: 162085
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 20.081 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 129 Resp: 78811
Ion Ratio Lower Upper
129 100
127 81.1 39.5 118.3

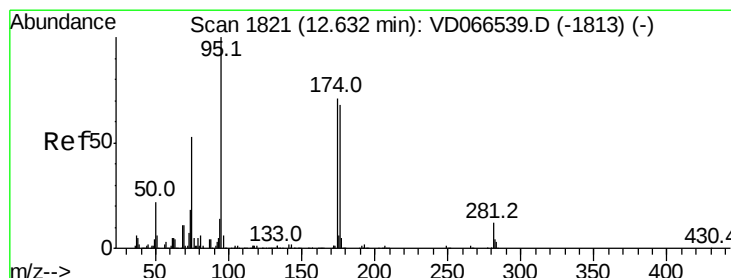
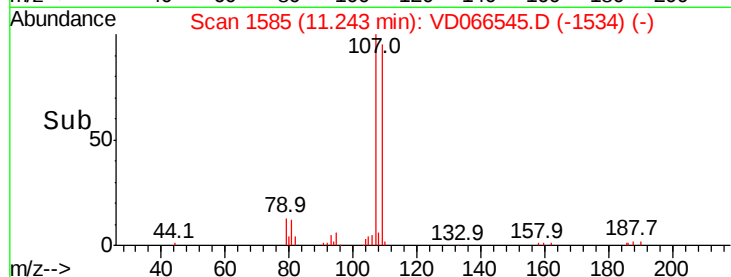
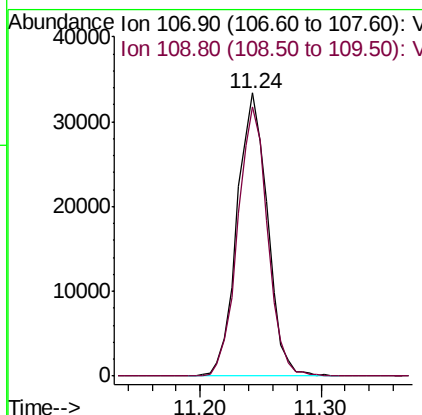
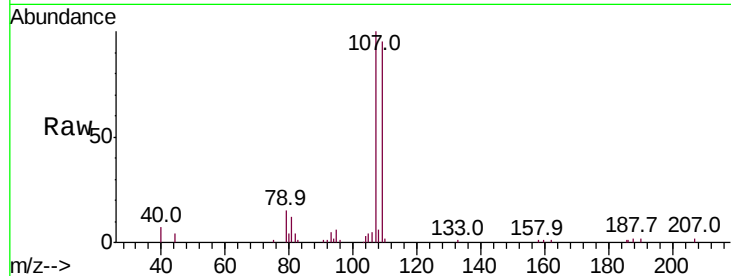




#61
 1,2-Dibromoethane
 Concen: 20.362 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

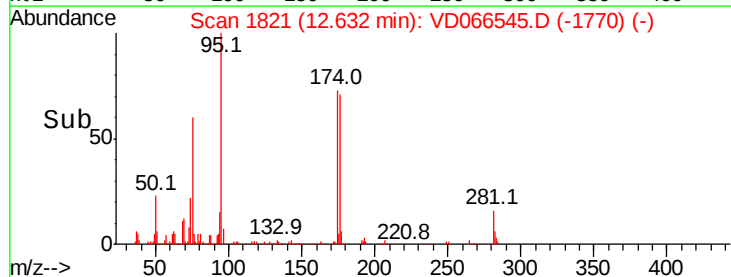
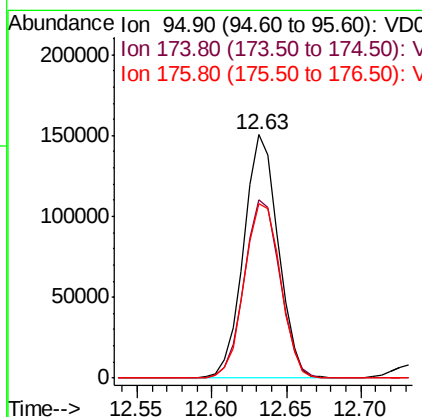
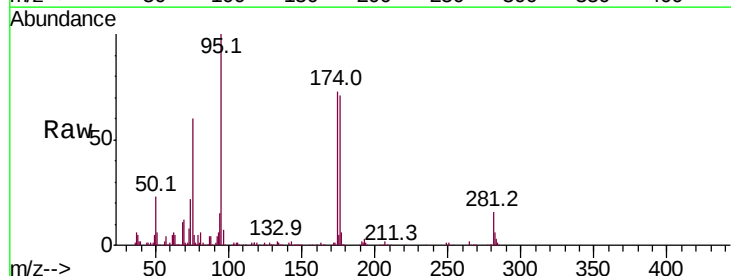
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

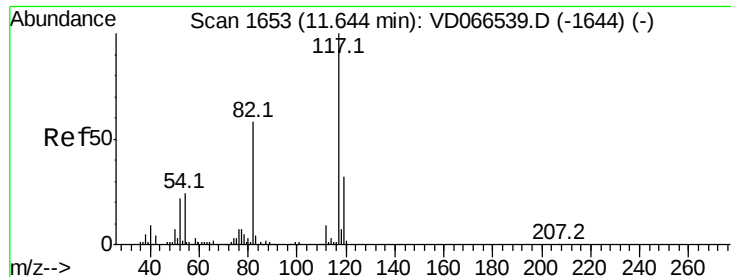
Tot Ion:107 Resp: 58793
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 51.718 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion: 95 Resp: 241355
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 155.8
 176 75.0 0.0 148.6

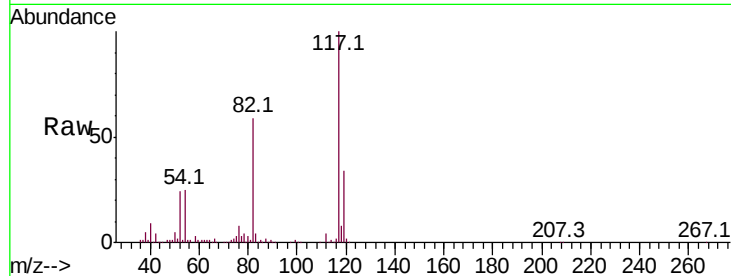




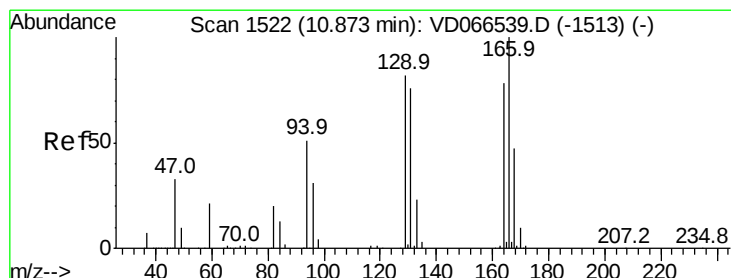
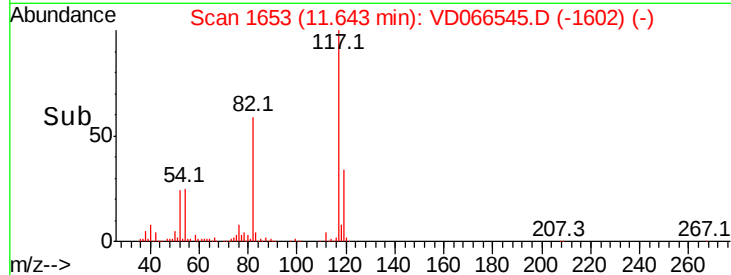
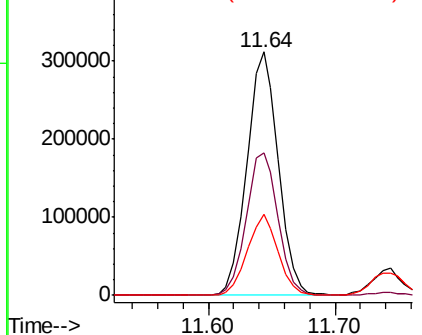
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

Tot Ion:117 Resp: 537034
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.2
119 33.5 25.8 38.8

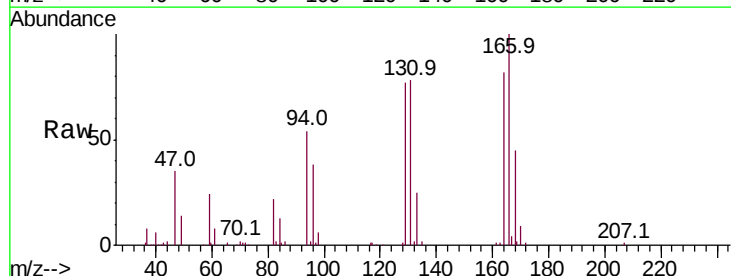


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

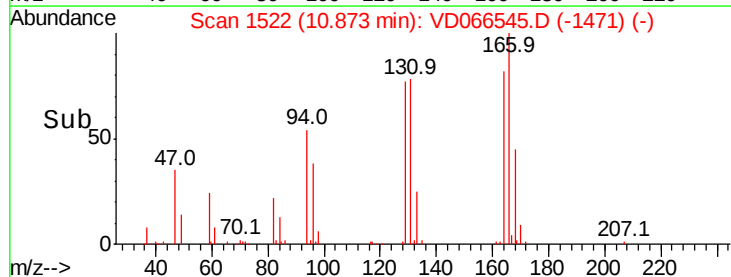
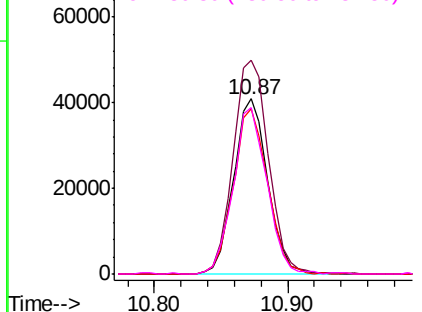


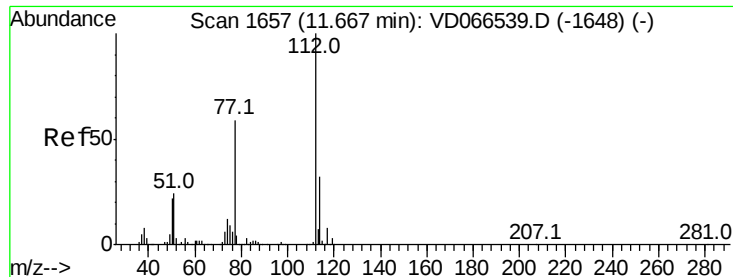
#64
Tetrachloroethene
Concen: 19.964 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion:164 Resp: 72188
Ion Ratio Lower Upper
164 100
166 122.0 103.2 154.8
129 94.5 84.5 126.7
131 94.9 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.133 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

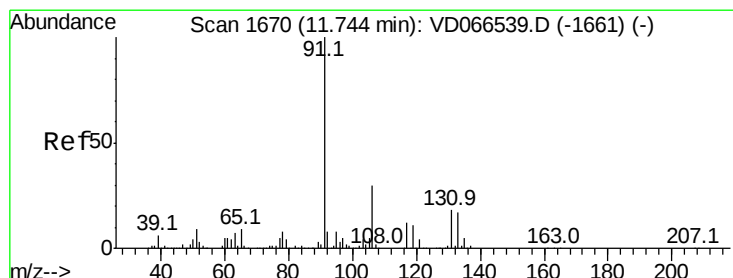
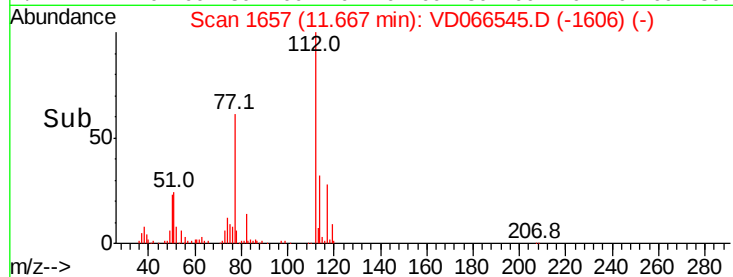
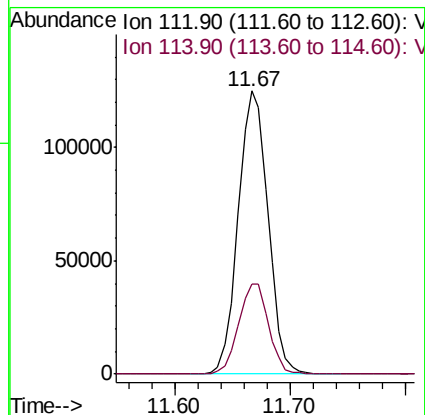
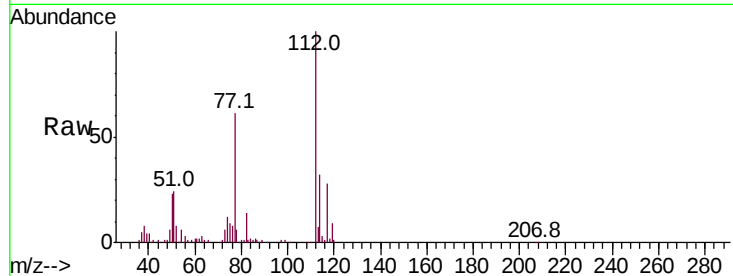
VD0903SBSD01

Tot Ion:112 Resp: 223159

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.858 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

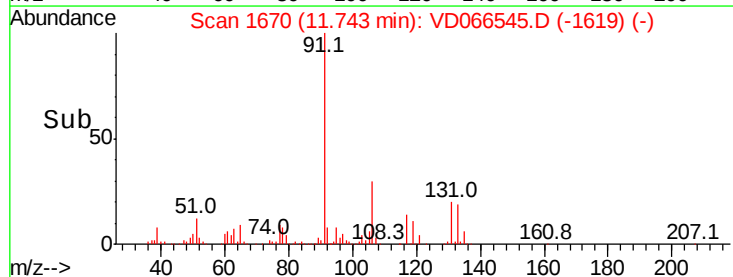
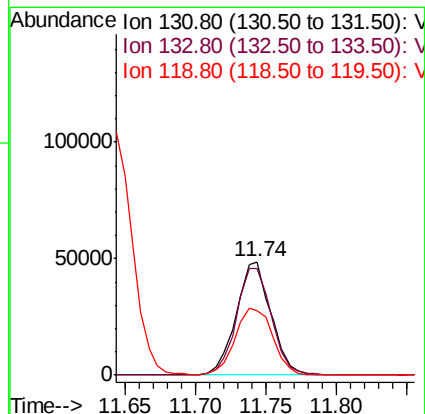
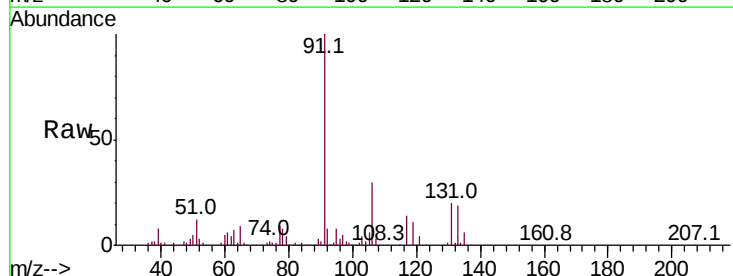
Tgt Ion:131 Resp: 84005

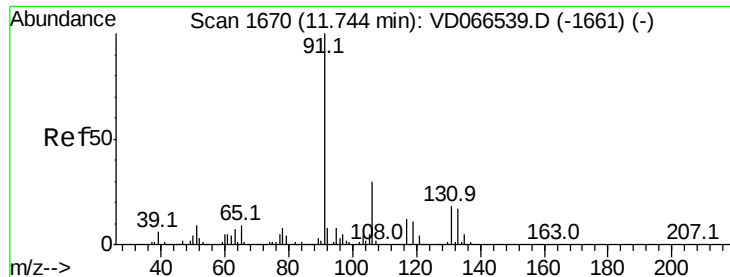
Ion Ratio Lower Upper

131 100

133 95.1 46.7 140.0

119 64.2 31.9 95.7





#67

Ethyl Benzene

Concen: 19.429 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

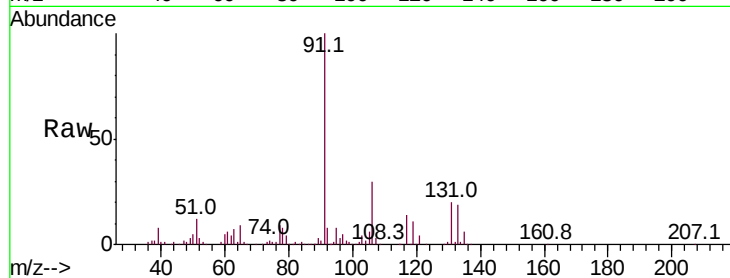
VD0903SBSD01

Tot Ion: 91 Resp: 395416

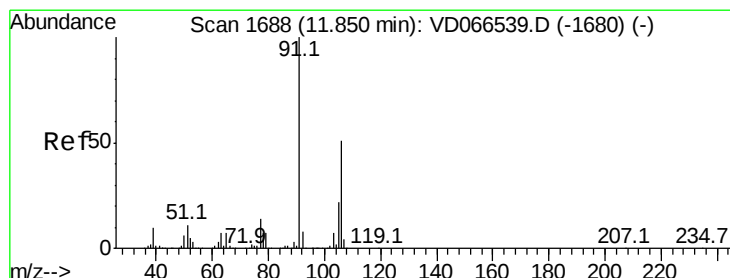
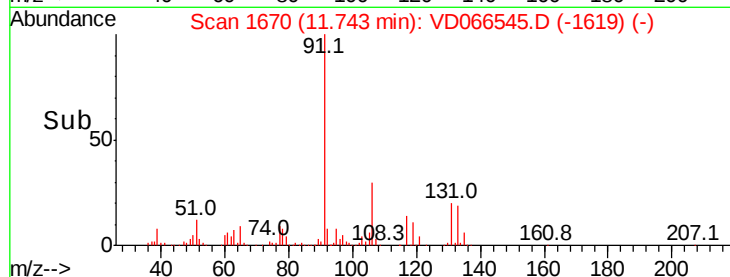
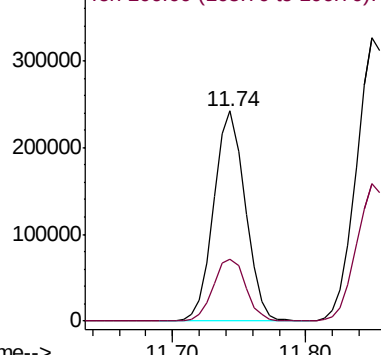
Ion Ratio Lower Upper

91 100

106 29.5 24.3 36.5



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 40.100 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066545.D

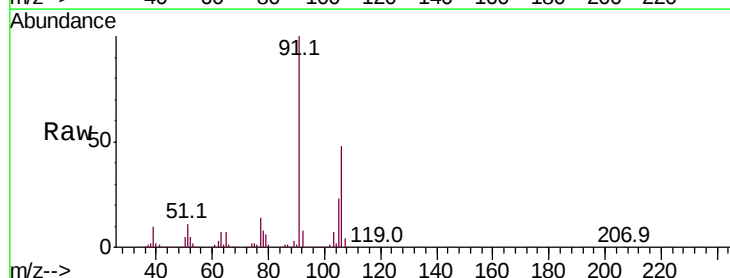
Acq: 03 Sep 2020 20:28

Tgt Ion:106 Resp: 303032

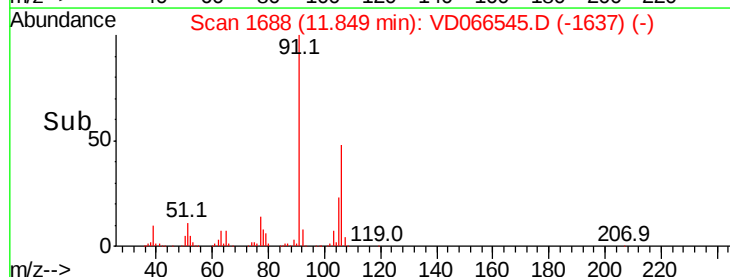
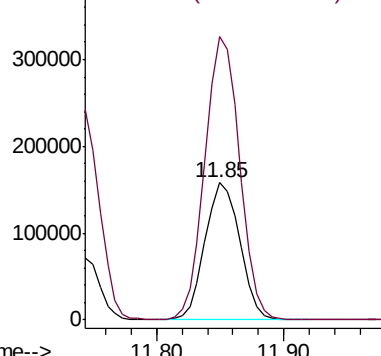
Ion Ratio Lower Upper

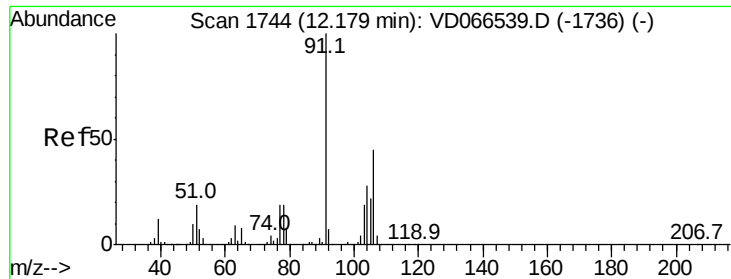
106 100

91 205.3 162.4 243.6



Abundance Ion 106.00 (105.70 to 106.70): V

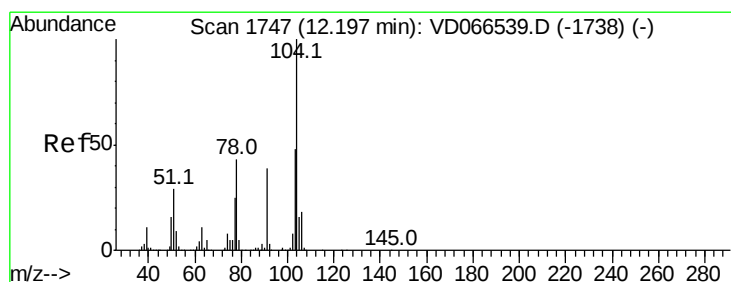
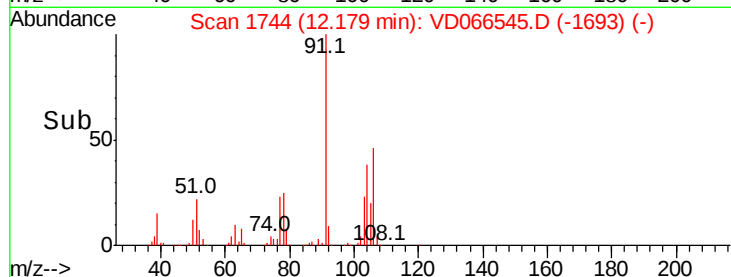
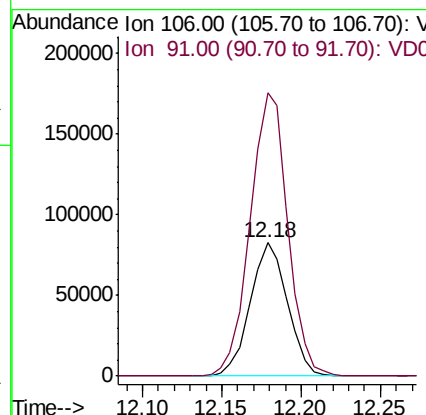
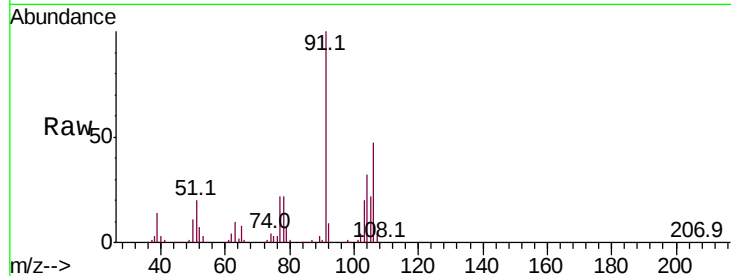




#69
o-Xylene
Concen: 19.999 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

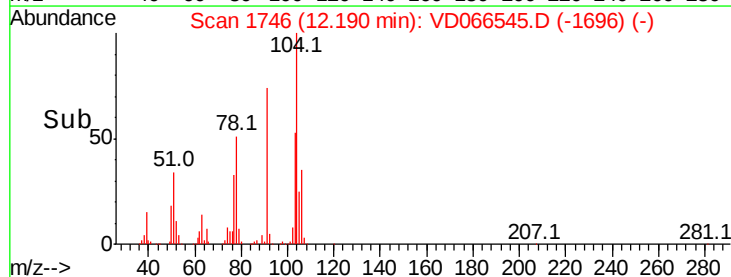
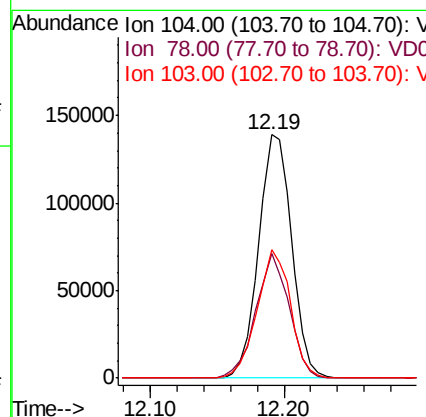
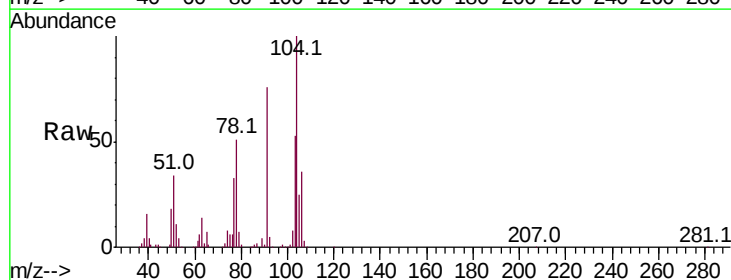
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

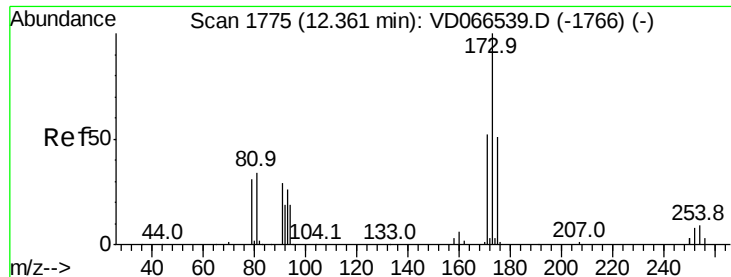
Tot Ion:106 Resp: 135445
Ion Ratio Lower Upper
106 100
91 214.3 107.9 323.8



#70
Styrene
Concen: 20.209 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion:104 Resp: 237941
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 53.4 42.9 64.3





#71

Bromoform

Concen: 20.000 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

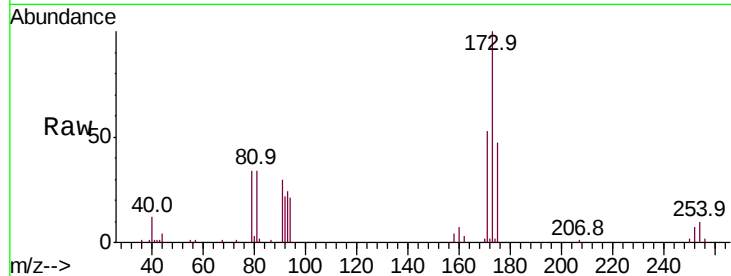
Tot Ion:173 Resp: 42638

Ion Ratio Lower Upper

173 100

175 50.7 24.2 72.6

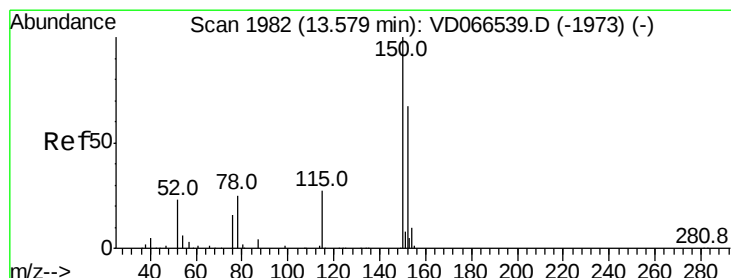
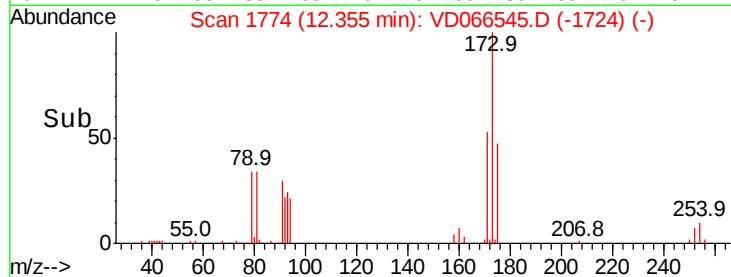
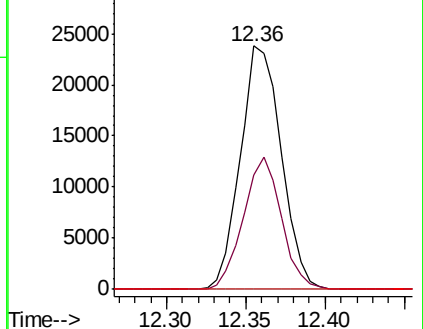
254 0.0 0.0 0.0



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# 1982

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

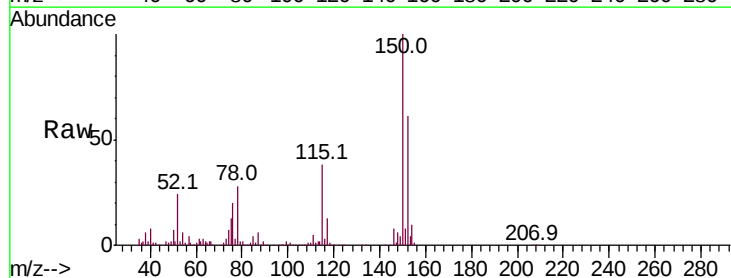
Tgt Ion:152 Resp: 246927

Ion Ratio Lower Upper

152 100

115 62.8 30.4 91.2

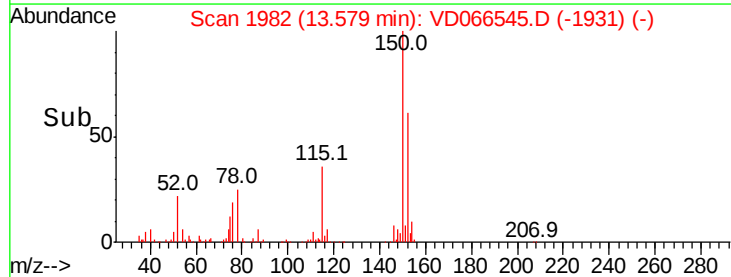
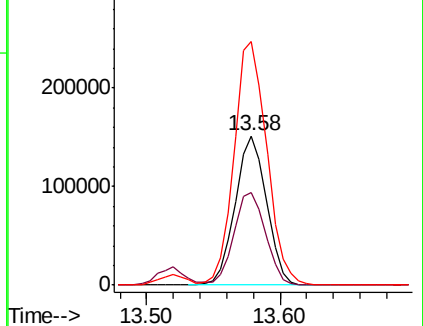
150 170.0 0.0 345.8

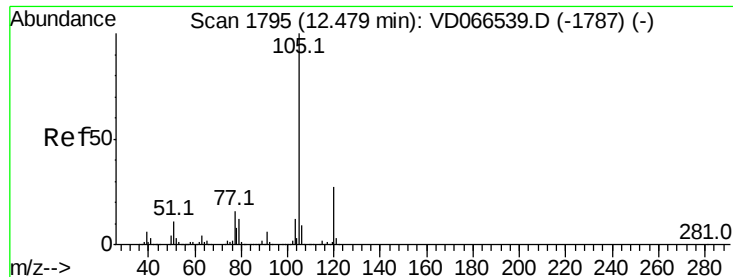


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.043 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

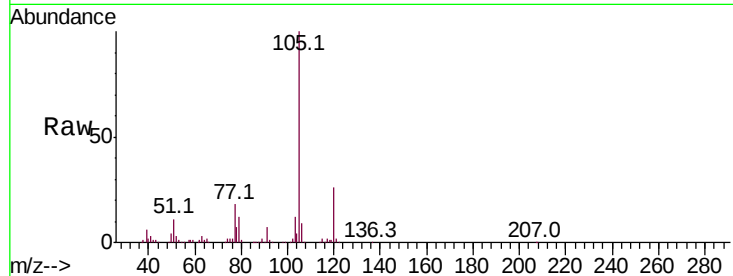
VD0903SBSD01

Tot Ion:105 Resp: 366435

Ion Ratio Lower Upper

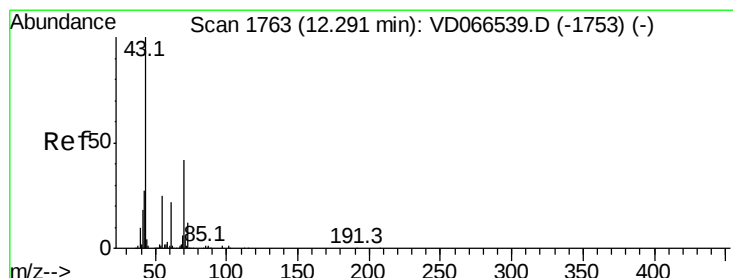
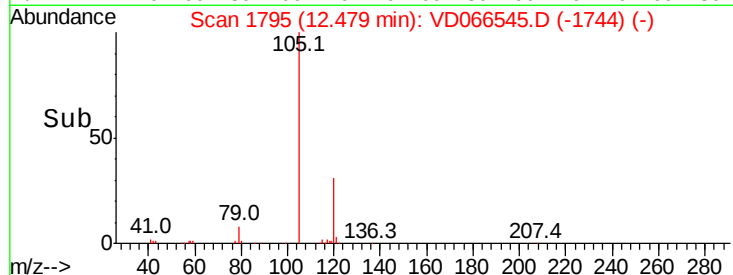
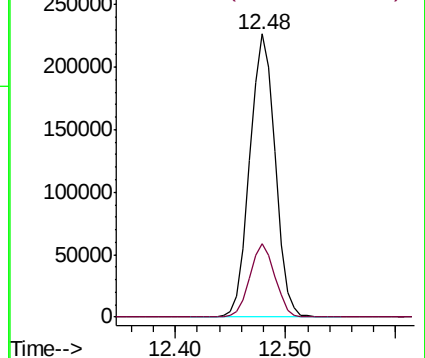
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.961 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Tgt Ion: 43 Resp: 82654

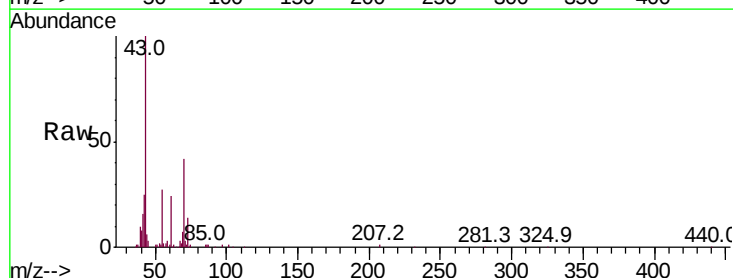
Ion Ratio Lower Upper

43 100

70 42.9 33.4 50.2

55 25.6 20.1 30.1

61 22.1 18.2 27.2

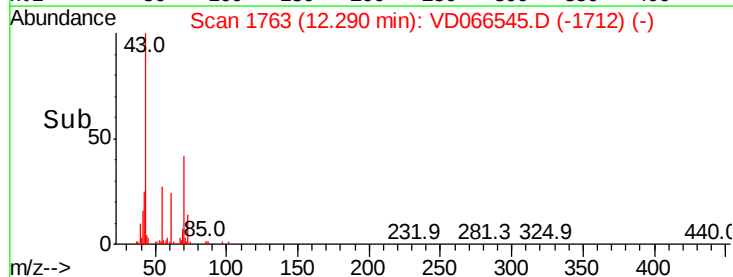
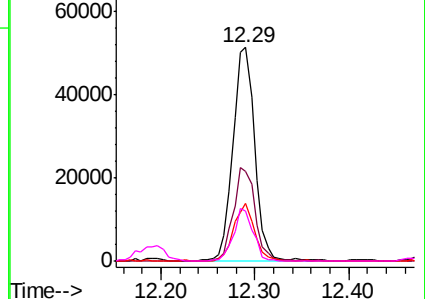


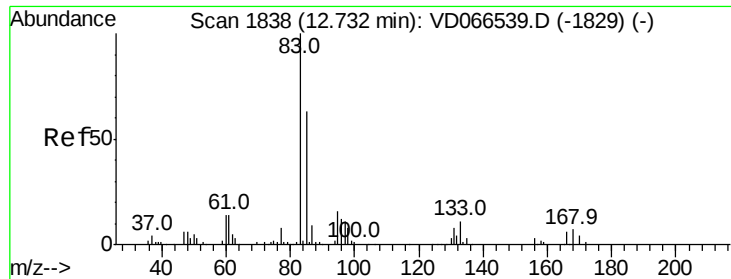
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.410 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

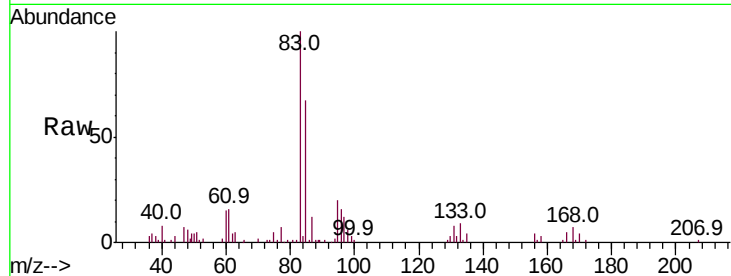
Tot Ion: 83 Resp: 65921

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

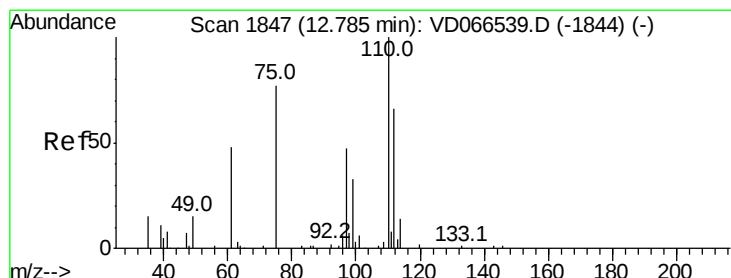
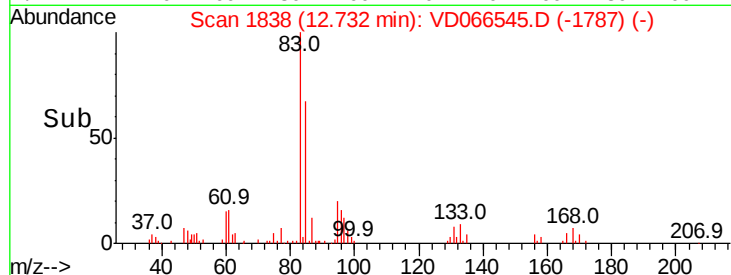
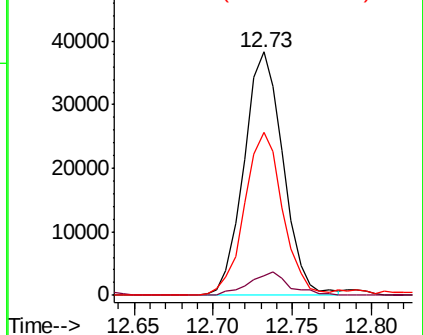
85 65.6 32.1 96.3



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: 39.249 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066545.D

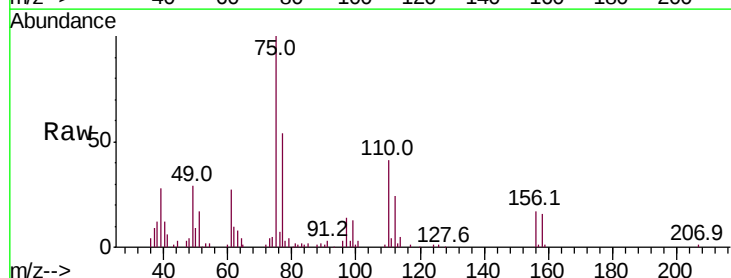
Acq: 03 Sep 2020 20:28

Tgt Ion: 75 Resp: 93207

Ion Ratio Lower Upper

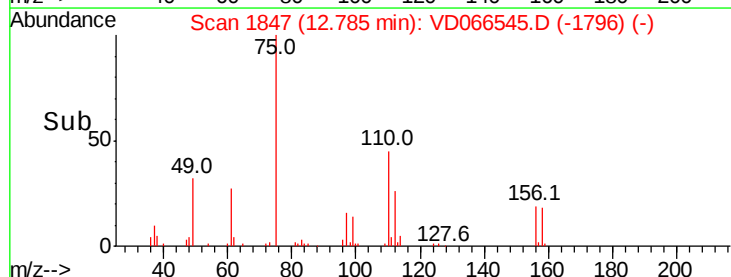
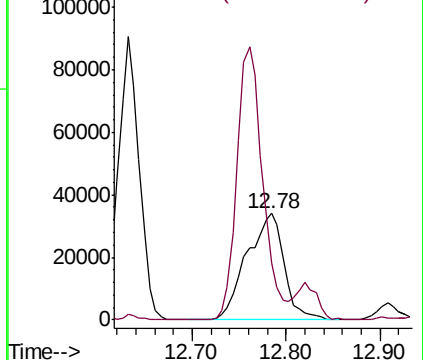
75 100

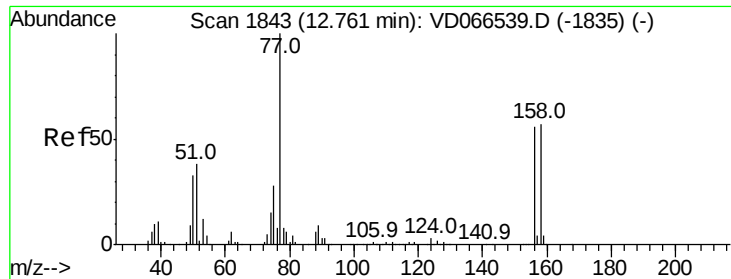
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.610 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

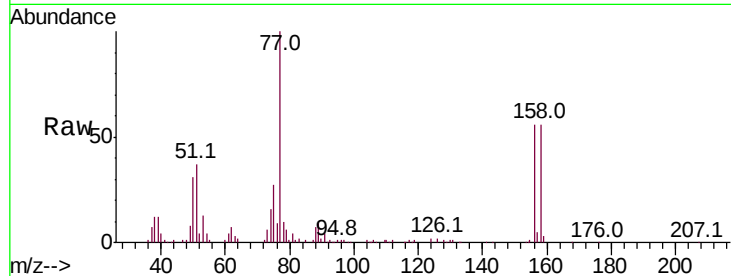
Tot Ion:156 Resp: 84006

Ion Ratio Lower Upper

156 100

77 199.1 98.0 294.1

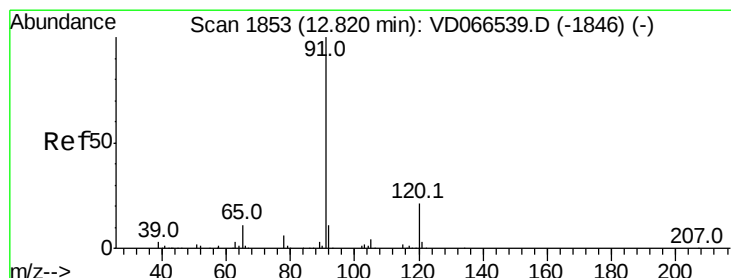
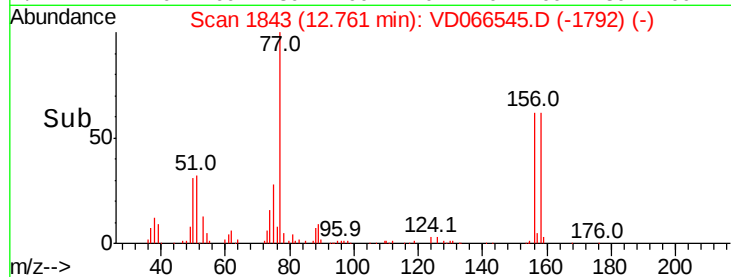
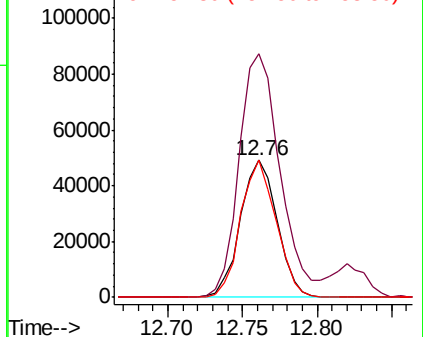
158 96.3 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.241 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066545.D

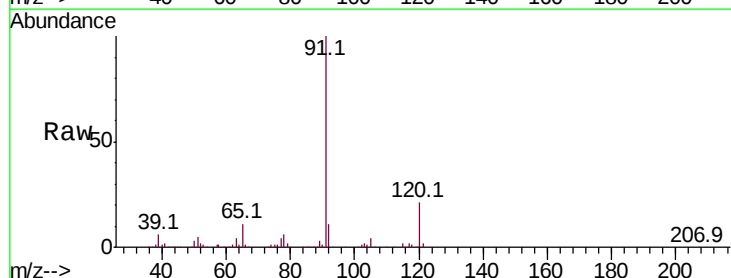
Acq: 03 Sep 2020 20:28

Tgt Ion: 91 Resp: 448587

Ion Ratio Lower Upper

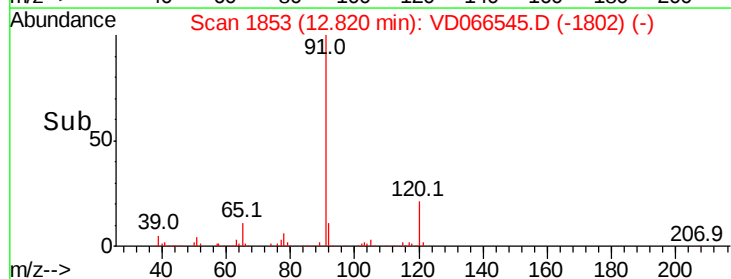
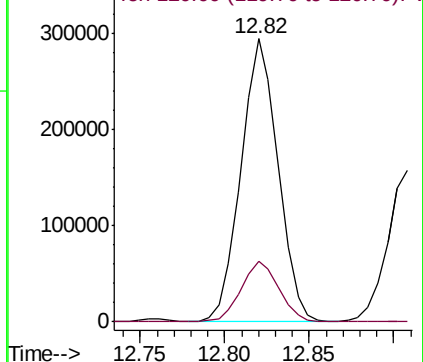
91 100

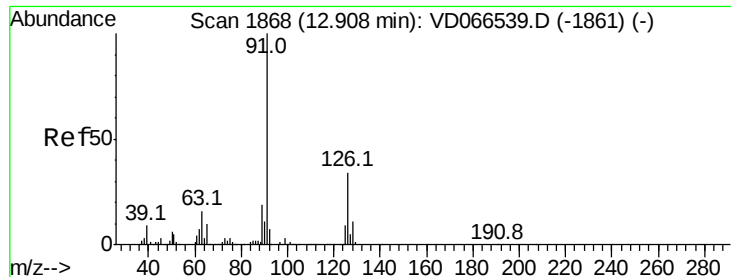
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.657 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

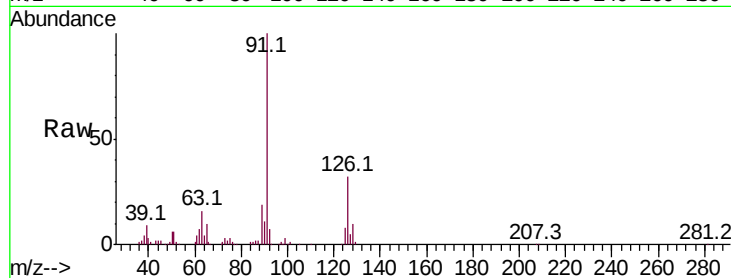
VD0903SBSD01

Tot Ion: 91 Resp: 256831

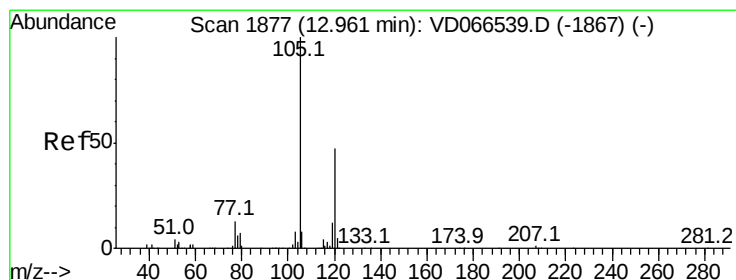
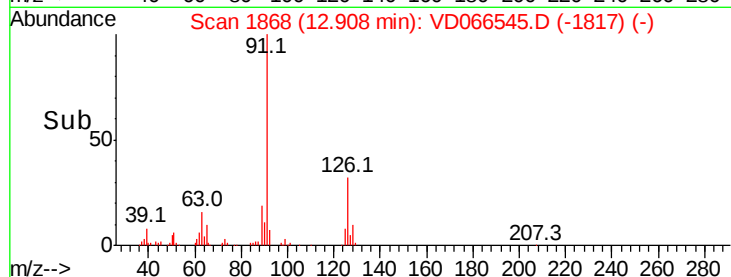
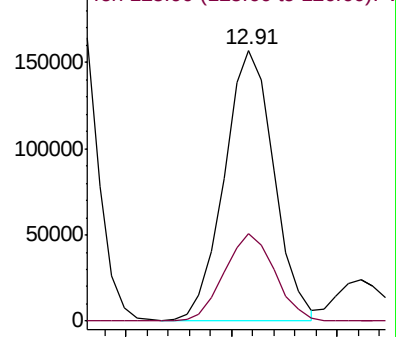
Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VD066539.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.926 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066545.D

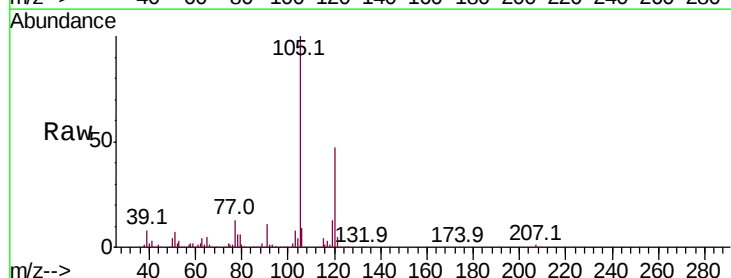
Acq: 03 Sep 2020 20:28

Tgt Ion:105 Resp: 322003

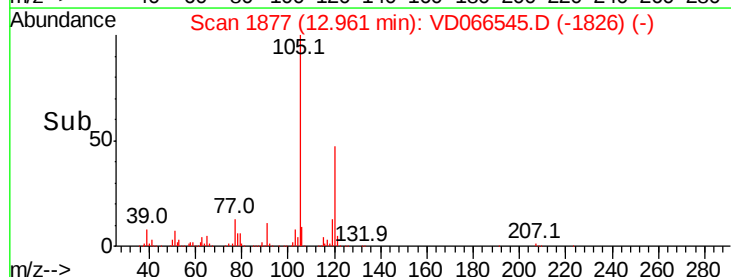
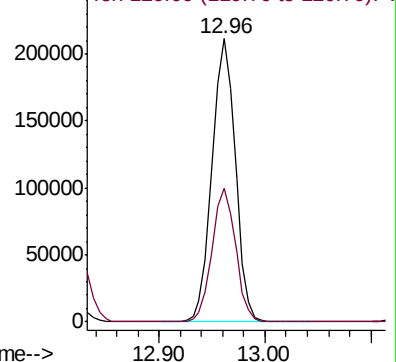
Ion Ratio Lower Upper

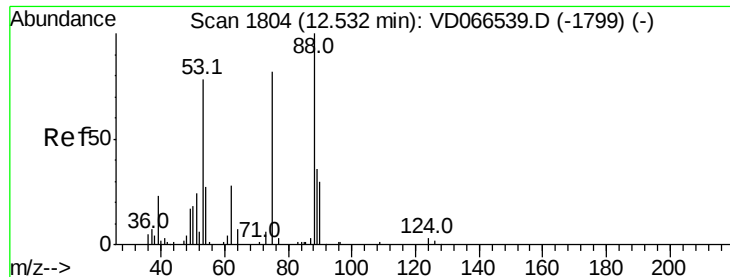
105 100

120 47.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VD066539.D (-1867) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.895 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBSD01

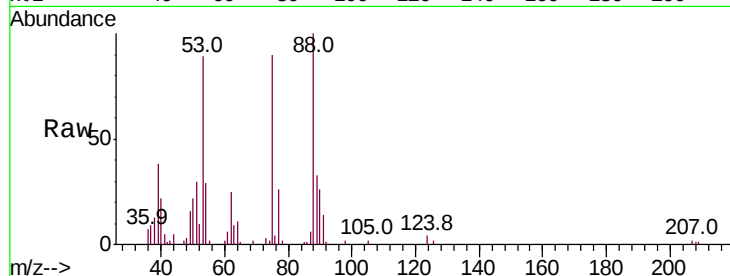
Tot Ion: 75 Resp: 20237

Ion Ratio Lower Upper

75 100

53 108.3 87.0 130.4

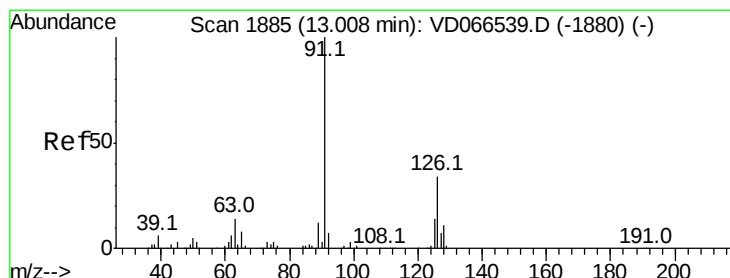
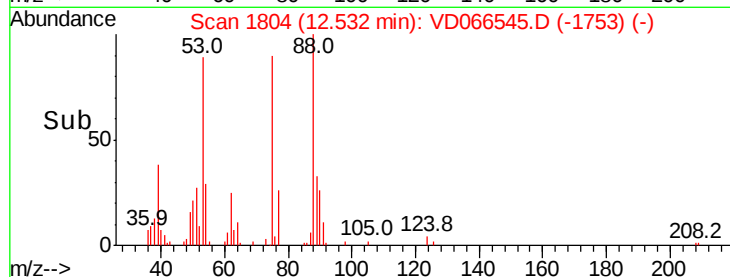
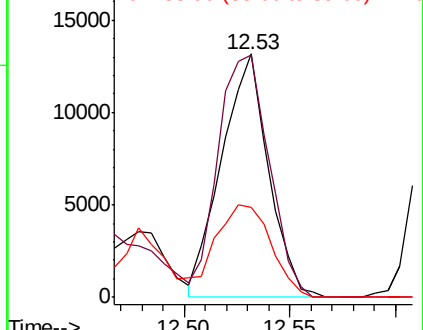
89 45.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.537 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066545.D

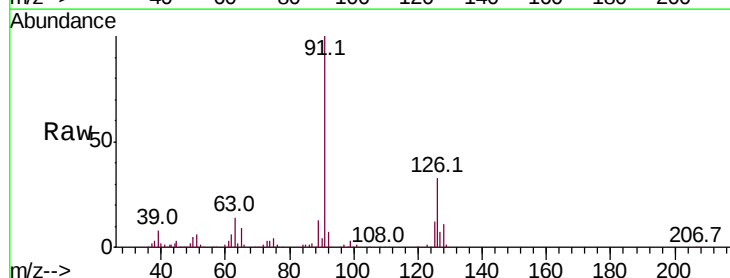
Acq: 03 Sep 2020 20:28

Tgt Ion: 91 Resp: 273055

Ion Ratio Lower Upper

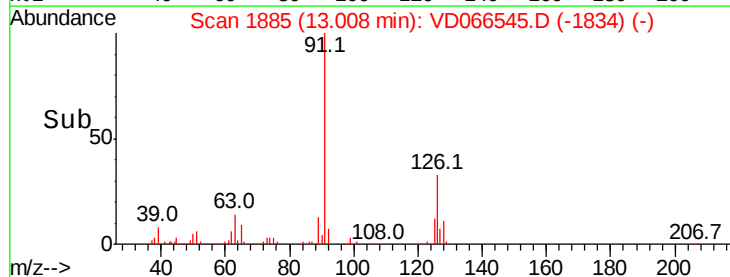
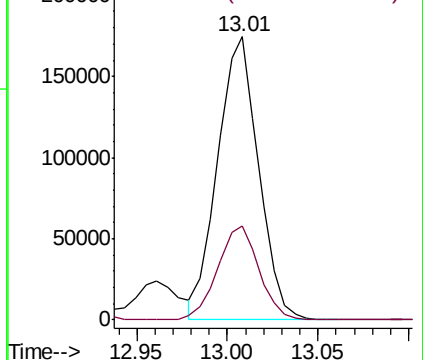
91 100

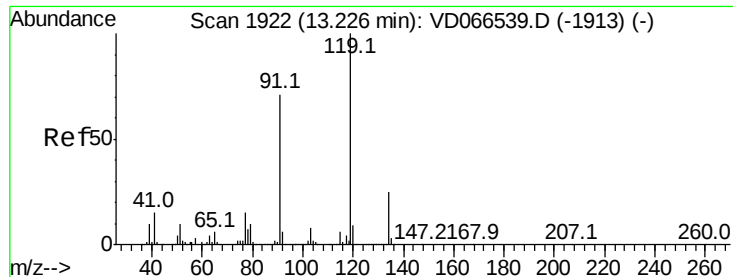
126 33.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.278 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

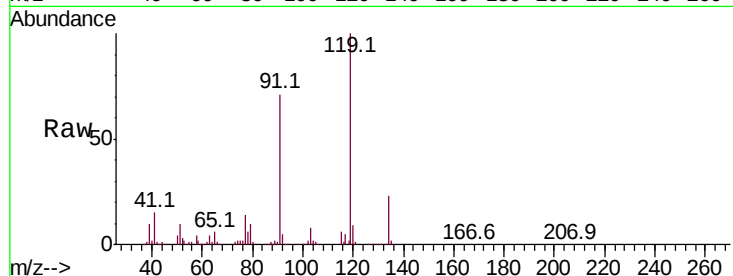
Tot Ion:119 Resp: 254812

Ion Ratio Lower Upper

119 100

91 69.5 35.2 105.6

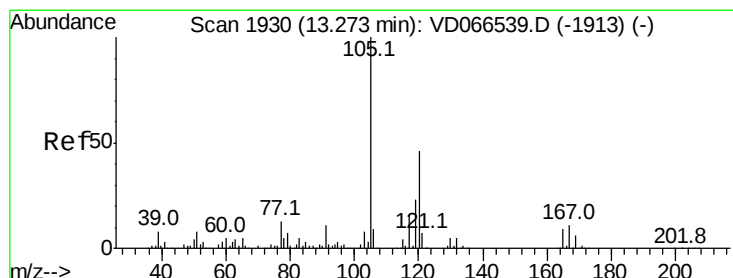
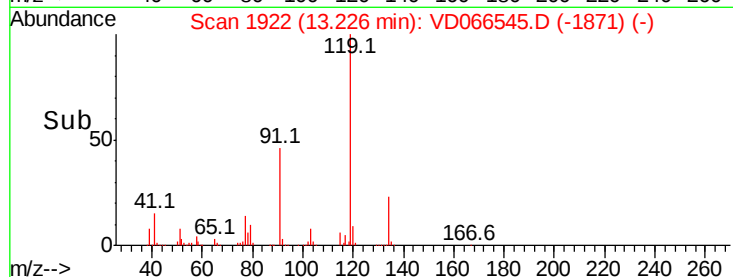
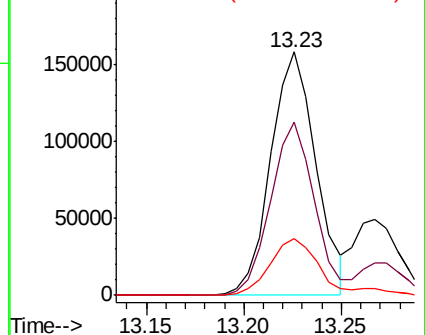
134 24.3 13.5 40.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.076 ug/l

RT: 13.27 min Scan# 1929

Delta R.T. -0.01 min

Lab File: VD066545.D

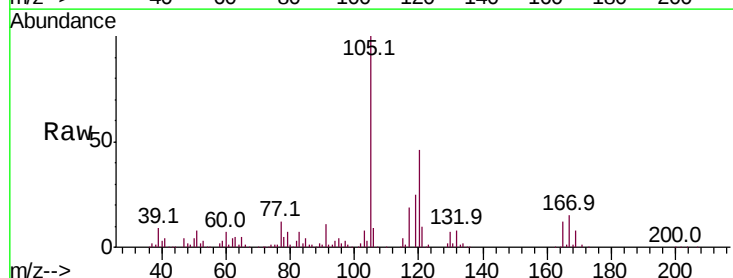
Acq: 03 Sep 2020 20:28

Tgt Ion:105 Resp: 322881

Ion Ratio Lower Upper

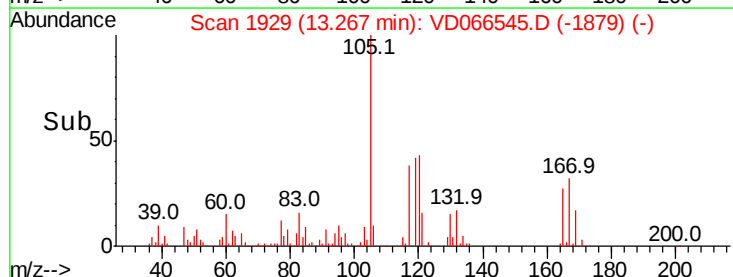
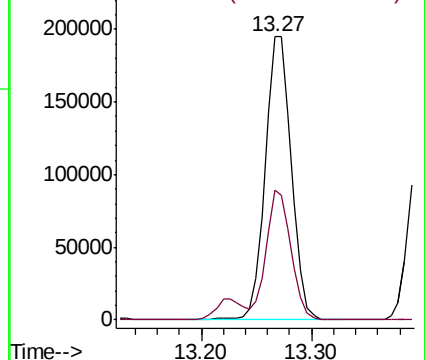
105 100

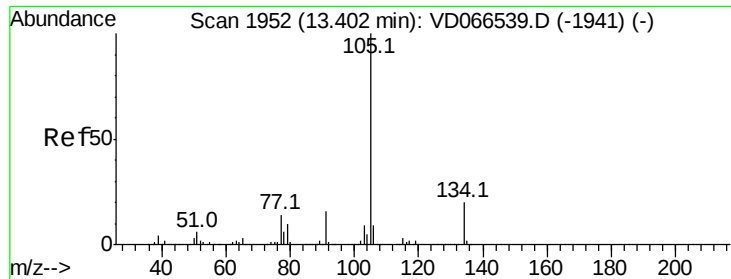
120 43.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

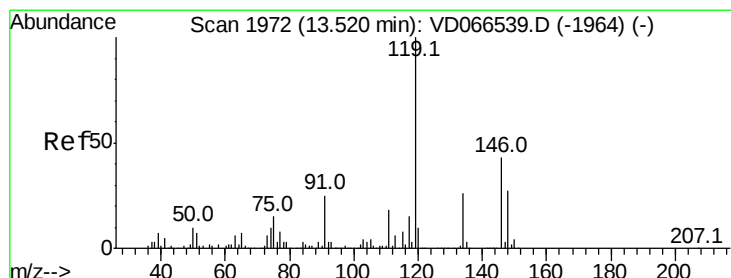
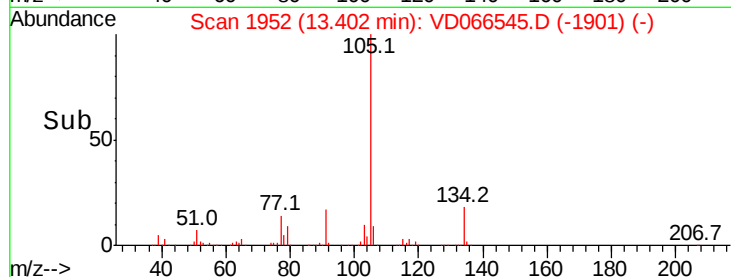
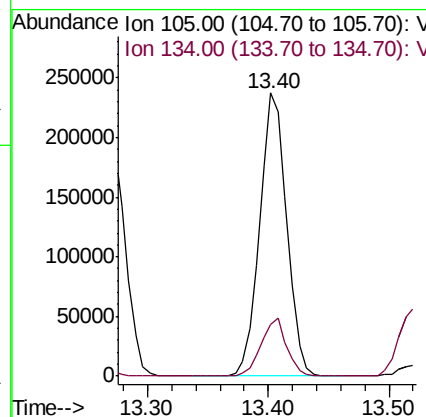
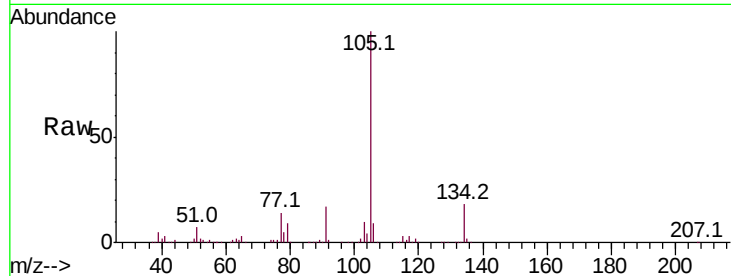




#85
 sec-Butylbenzene
 Concen: 20.327 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

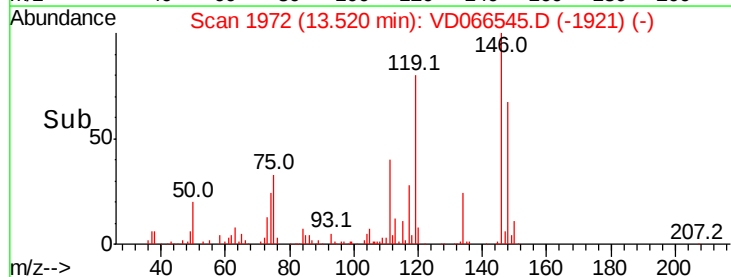
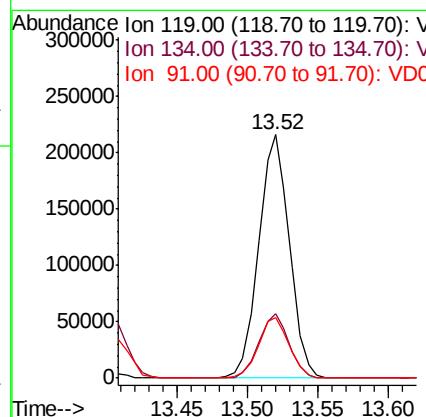
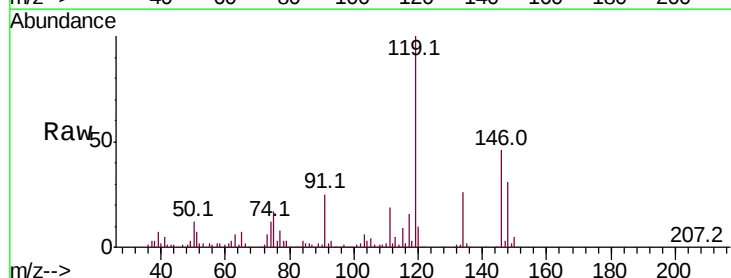
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0903SBSD01

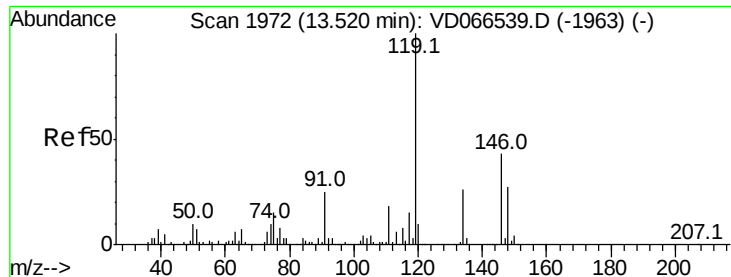
Tot Ion:105 Resp: 367992
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.224 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion:119 Resp: 329544
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 25.0 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.006 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

Instrument :

MSVOA_D

ClientSampleId :

VD0903SBS01

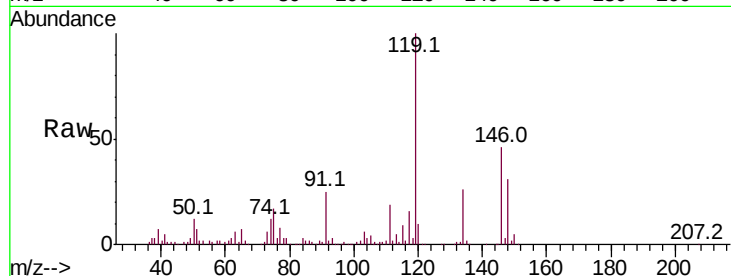
Tot Ion:146 Resp: 161882

Ion Ratio Lower Upper

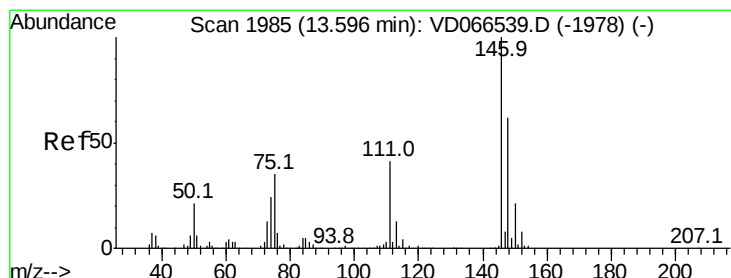
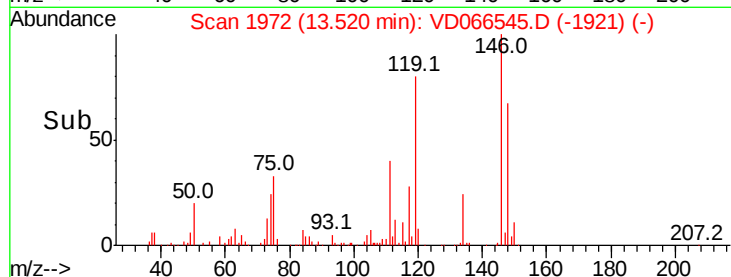
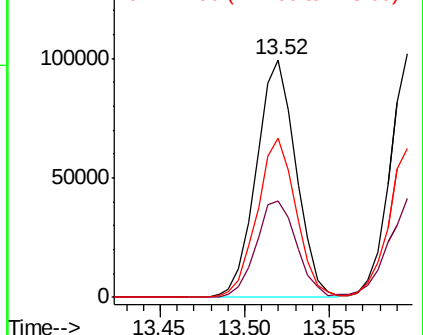
146 100

111 41.8 20.6 61.9

148 66.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.353 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066545.D

Acq: 03 Sep 2020 20:28

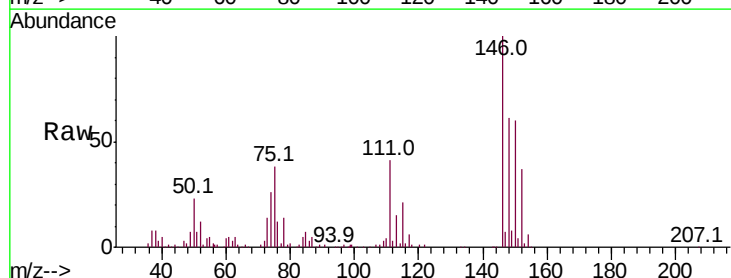
Tgt Ion:146 Resp: 165303

Ion Ratio Lower Upper

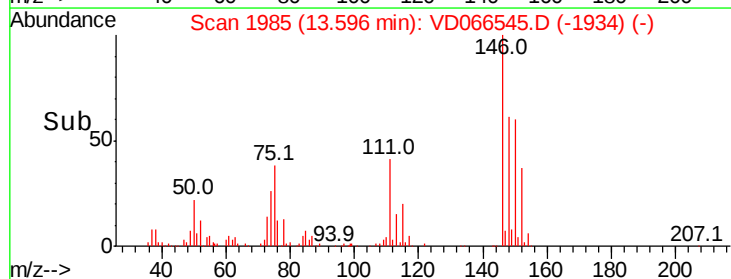
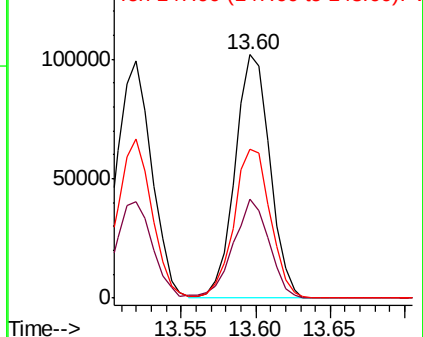
146 100

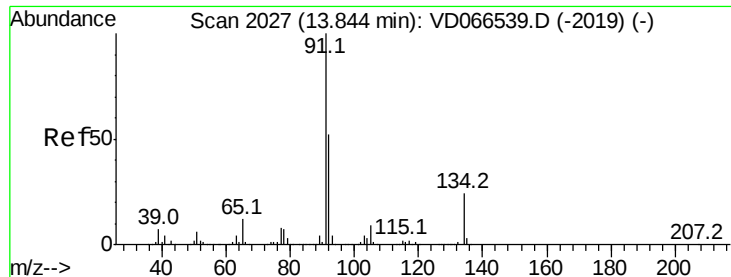
111 41.7 20.1 60.2

148 63.9 31.6 94.8



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

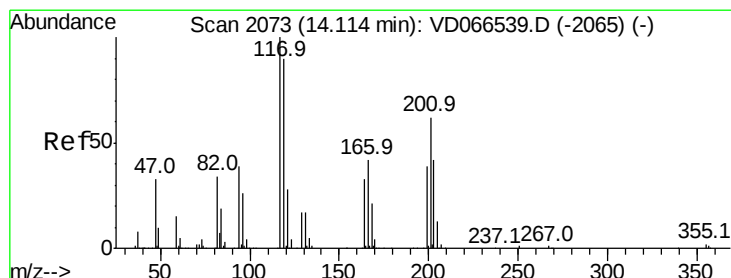
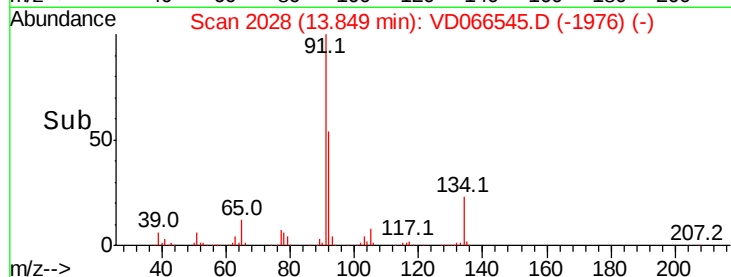
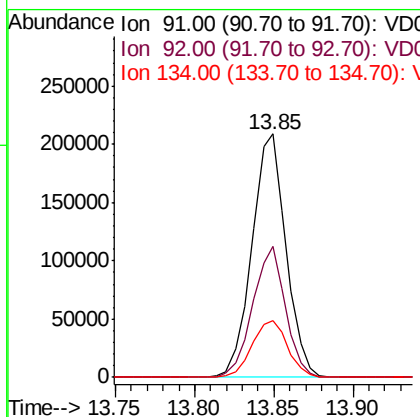
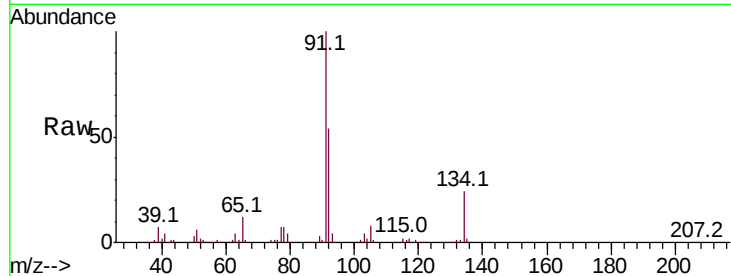




#89
n-Butylbenzene
Concen: 19.685 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

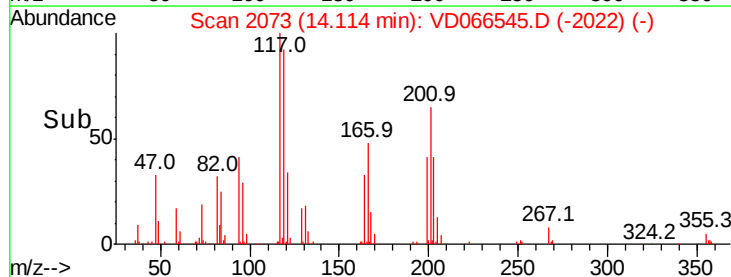
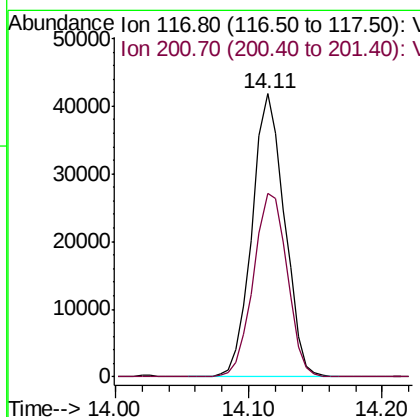
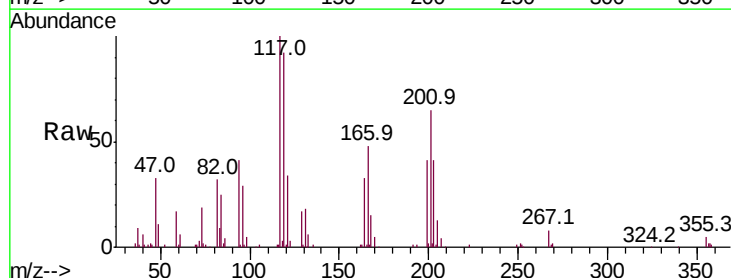
Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

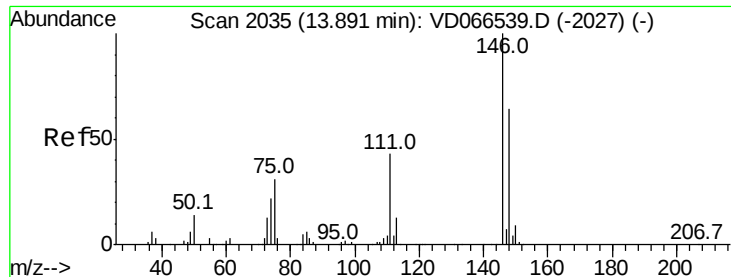
Tot Ion: 91 Resp: 312570
Ion Ratio Lower Upper
91 100
92 51.6 26.5 79.5
134 24.3 12.1 36.3



#90
Hexachloroethane
Concen: 20.031 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion: 117 Resp: 70329
Ion Ratio Lower Upper
117 100
201 67.4 31.9 95.5

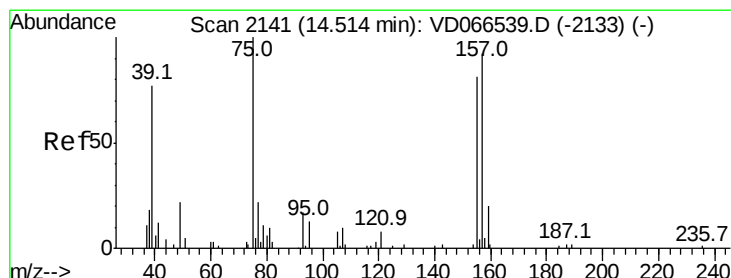
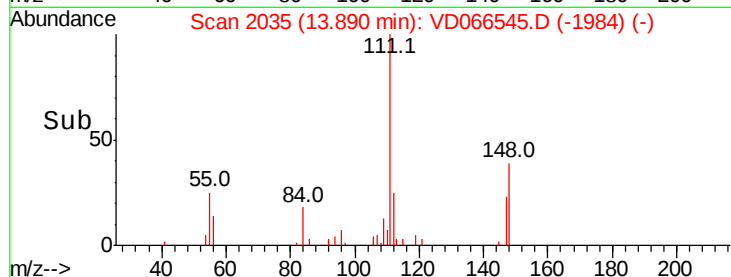
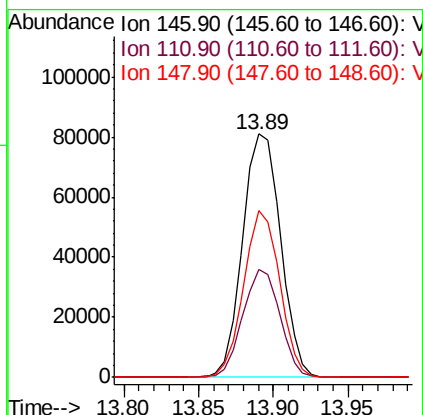
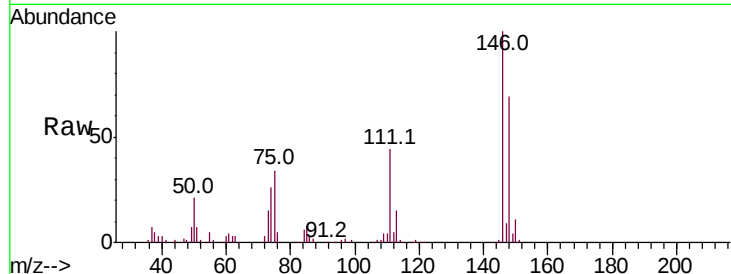




#91
 1,2-Dichlorobenzene
 Concen: 20.199 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

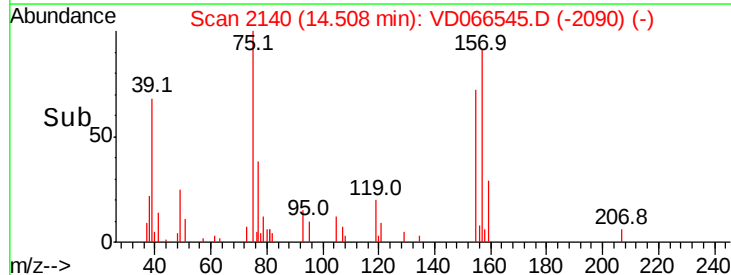
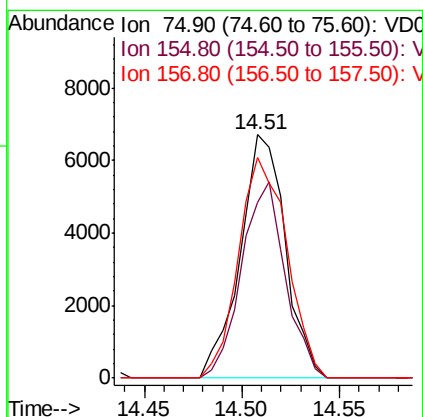
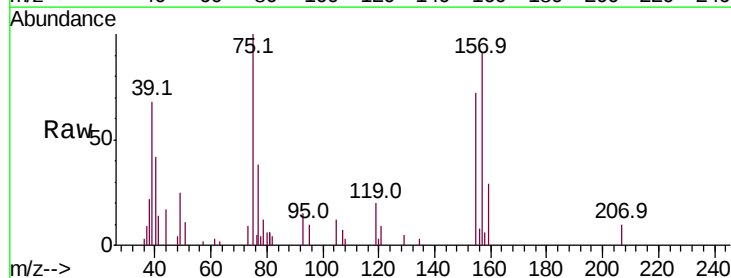
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

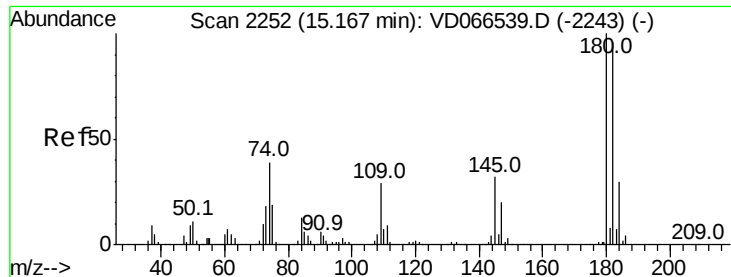
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.4
148	65.1	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.644 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.3	117.8
157	97.1	46.0	137.8

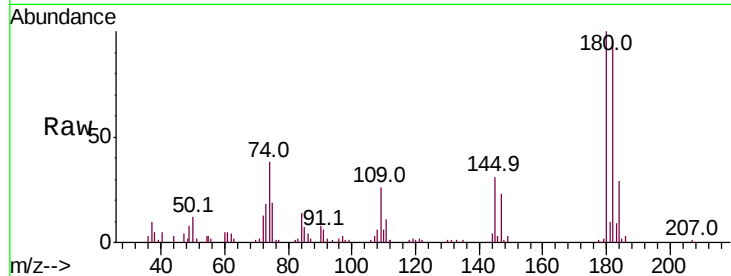




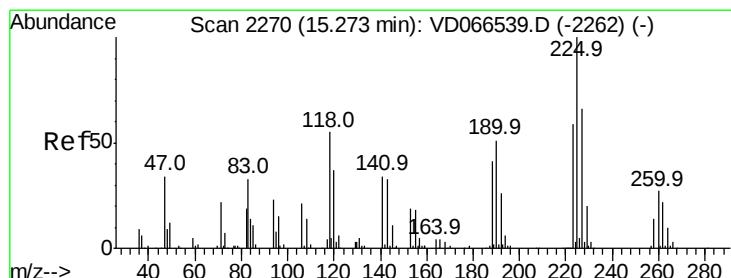
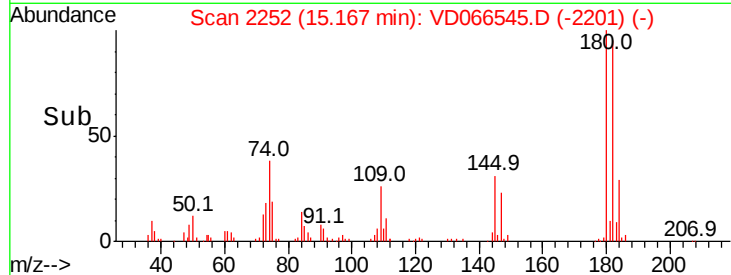
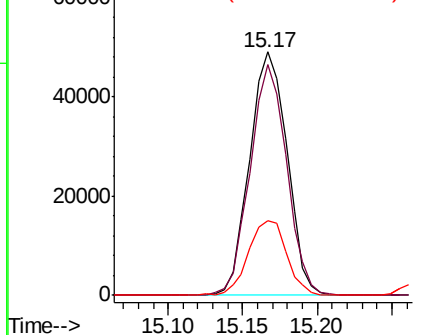
#93
 1,2,4-Trichlorobenzene
 Concen: 20.097 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.4	145.0
145	31.4	16.7	50.0

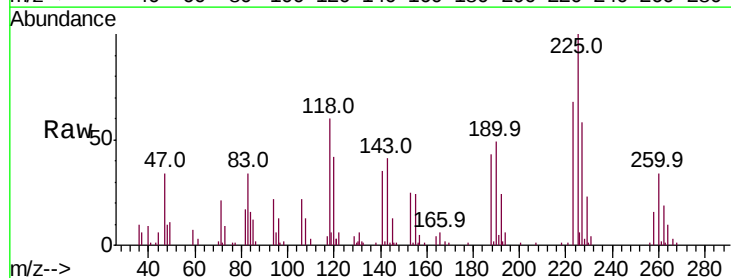


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

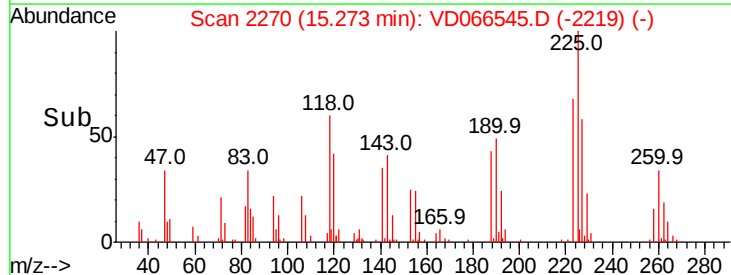
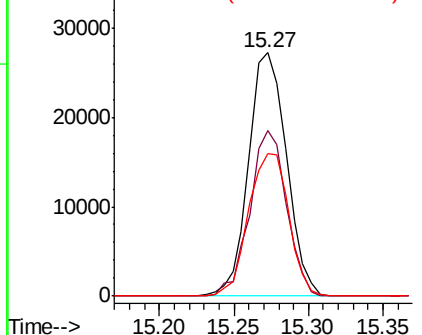


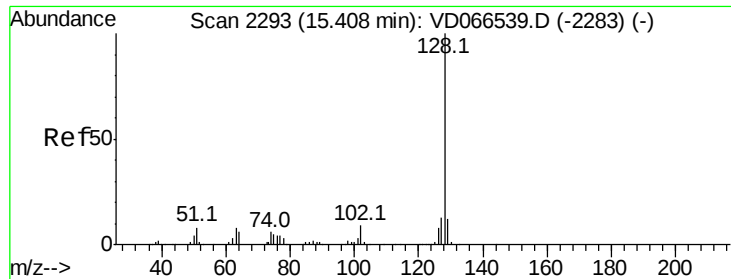
#94
 Hexachlorobutadiene
 Concen: 18.784 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066545.D
 Acq: 03 Sep 2020 20:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	30.5	91.5
227	61.8	32.4	97.2



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

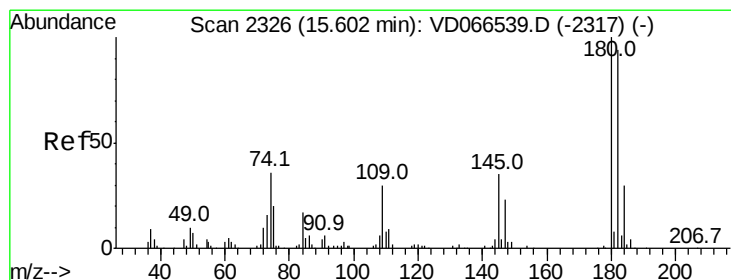
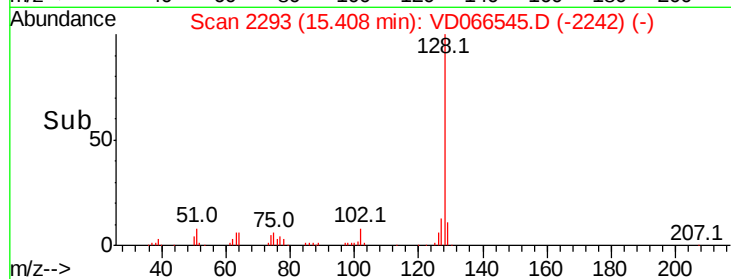
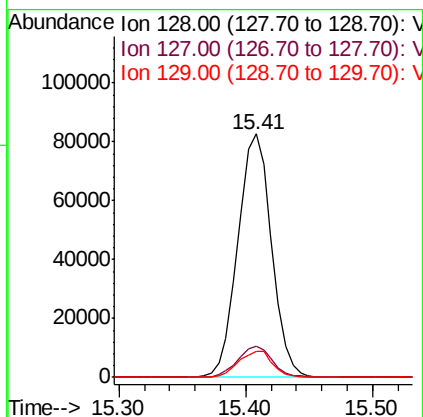
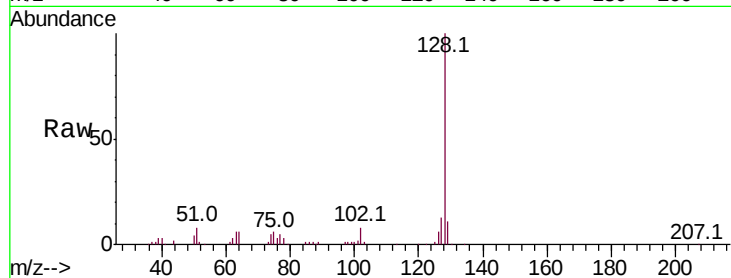




#95
Naphthalene
Concen: 20.561 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Instrument :
MSVOA_D
ClientSampleId :
VD0903SBSD01

Tot Ion:128 Resp: 152510
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 20.692 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066545.D
Acq: 03 Sep 2020 20:28

Tgt Ion:180 Resp: 74881
Ion Ratio Lower Upper
180 100
182 93.4 47.9 143.6
145 34.7 17.3 51.7

