

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092420\
 Data File : VD066860.D
 Acq On : 24 Sep 2020 19:23
 Operator : VA/SY
 Sample : L4127-05MSD
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

Quant Time: Sep 25 01:11:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	570053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	455677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	137284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	176980	53.85	ug/l	0.00
Spiked Amount			Recovery	=	107.70%	
35) Dibromofluoromethane	7.91	113	186201	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	10.34	98	579028	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
62) 4-Bromofluorobenzene	12.63	95	163550	38.66	ug/l	0.00
Spiked Amount			Recovery	=	77.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	122026	52.393	ug/l	91
3) Chloromethane	2.21	50	148605	48.165	ug/l	95
4) Vinyl Chloride	2.35	62	147528	48.400	ug/l	96
5) Bromomethane	2.77	94	110044	51.364	ug/l	94
6) Chloroethane	2.92	64	94966	50.171	ug/l	92
7) Trichlorofluoromethane	3.27	101	302304	48.292	ug/l	100
8) Diethyl Ether	3.71	74	92793	58.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	152849	42.108	ug/l	98
10) Methyl Iodide	4.30	142	167580	52.317	ug/l	97
11) Tert butyl alcohol	5.23	59	52359	266.943	ug/l	98
12) 1,1-Dichloroethene	4.07	96	164544	50.040	ug/l	92
13) Acrolein	3.92	56	58683	242.034	ug/l	100
14) Allyl chloride	4.71	41	253374	52.475	ug/l	97
15) Acrylonitrile	5.42	53	193632	274.936	ug/l	99
16) Acetone	4.16	43	190005	272.519	ug/l	97
17) Carbon Disulfide	4.40	76	464494	46.204	ug/l	98
18) Methyl Acetate	4.72	43	124494	82.376	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	434267	60.814	ug/l	98
20) Methylene Chloride	4.97	84	226904	61.658	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	199399	52.371	ug/l	96
22) Diisopropyl ether	6.37	45	601086	60.545	ug/l	97
23) Vinyl Acetate	6.31	43	1173253	218.013	ug/l	99
24) 1,1-Dichloroethane	6.26	63	357881	53.885	ug/l	99
25) 2-Butanone	7.21	43	225593	269.246	ug/l	95
26) 2,2-Dichloropropane	7.21	77	286199	47.015	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	229580	55.496	ug/l	97
28) Bromochloromethane	7.55	49	166847	60.809	ug/l	96
29) Tetrahydrofuran	7.57	42	150988	281.240	ug/l	96
30) Chloroform	7.71	83	382984	53.495	ug/l	96
31) Cyclohexane	7.98	56	176842	29.592	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	322115	49.737	ug/l	99
36) 1,1-Dichloropropene	8.11	75	244217	43.183	ug/l	99
37) Ethyl Acetate	7.29	43	100599	49.205	ug/l #	95
38) Carbon Tetrachloride	8.10	117	257849	41.703	ug/l	98

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 B-2(4-5)MSD

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	113747	17.518	ug/l	96
40) Benzene	8.35	78	793719	50.358	ug/l	99
41) Methacrylonitrile	7.53	41	65374	51.996	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	237535	50.979	ug/l	100
43) Isopropyl Acetate	8.45	43	195138	49.507	ug/l	98
44) Trichloroethene	9.11	130	199446	44.395	ug/l	99
45) 1,2-Dichloropropane	9.38	63	201301	50.762	ug/l	98
46) Dibromomethane	9.47	93	107664	49.969	ug/l	96
47) Bromodichloromethane	9.66	83	282904	48.878	ug/l #	99
48) Methyl methacrylate	9.46	41	108567	55.865	ug/l	95
49) 1,4-Dioxane	9.46	88	28238	1173.700	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	538127	269.435	ug/l	100
52) Toluene	10.40	92	472811	46.571	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	249656	50.678	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	304050	50.617	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	156480	52.830	ug/l	94
56) Ethyl methacrylate	10.66	69	175849	55.419	ug/l	97
57) 1,3-Dichloropropane	10.94	76	250376	51.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	381097	253.651	ug/l	99
59) 2-Hexanone	10.98	43	375468	278.766	ug/l	99
60) Dibromochloromethane	11.14	129	192897	49.899	ug/l	99
61) 1,2-Dibromoethane	11.24	107	139978	50.809	ug/l	97
64) Tetrachloroethene	10.87	164	139670	42.612	ug/l	98
65) Chlorobenzene	11.67	112	460308	48.529	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	190105	52.955	ug/l	97
67) Ethyl Benzene	11.74	91	746429	44.806	ug/l	100
68) m/p-Xylenes	11.86	106	565930	89.726	ug/l	99
69) o-Xylene	12.18	106	273376	47.933	ug/l	98
70) Styrene	12.20	104	467614	47.213	ug/l	98
71) Bromoform	12.36	173	100540	55.314	ug/l #	97
73) Isopropylbenzene	12.48	105	539953	54.445	ug/l	99
74) N-amyl acetate	12.28	43	185375	95.716	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	142402	83.213	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	186034	163.518	ug/l #	100
77) Bromobenzene	12.76	156	163130	70.331	ug/l	99
78) n-propylbenzene	12.82	91	539205	45.193	ug/l	100
79) 2-Chlorotoluene	12.91	91	376604	55.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	447959	53.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	41386	91.012	ug/l	91
82) 4-Chlorotoluene	13.01	91	378333	52.788	ug/l	99
83) tert-Butylbenzene	13.23	119	289729	41.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	500673	60.001	ug/l	98
85) sec-Butylbenzene	13.40	105	316440	31.824	ug/l	99
86) p-Isopropyltoluene	13.52	119	299247	33.387	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	204297	44.583	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	211452	46.460	ug/l	99
89) n-Butylbenzene	13.84	91	214104	25.132	ug/l	90
90) Hexachloroethane	14.11	117	60010	32.979	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	193739	49.417	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	21820	79.263	ug/l	89

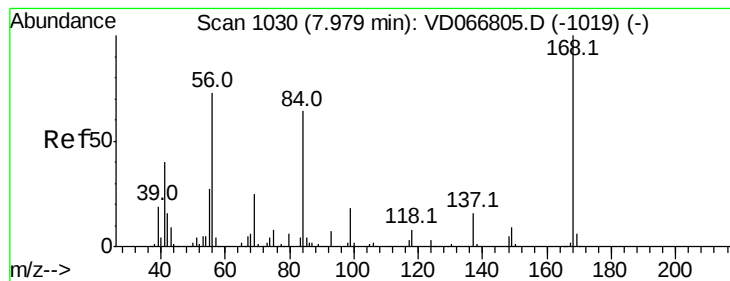
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092420\
Data File : VD066860.D
Acq On : 24 Sep 2020 19:23
Operator : VA/SY
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53652	21.739	ug/l #	88
94) Hexachlorobutadiene	15.27	225	15981	10.806	ug/l	94
95) Naphthalene	15.40	128	251228	59.958	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	47171	22.145	ug/l #	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

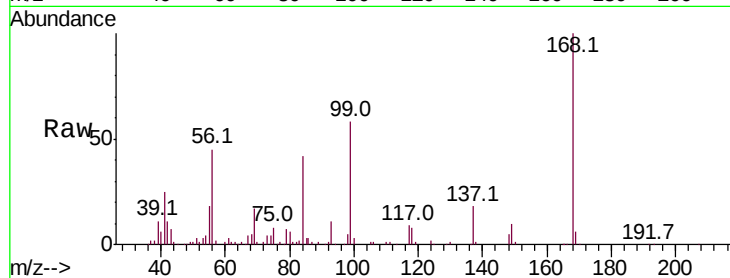
B-2(4-5)MSD

Tot Ion:168 Resp: 335801

Ion Ratio Lower Upper

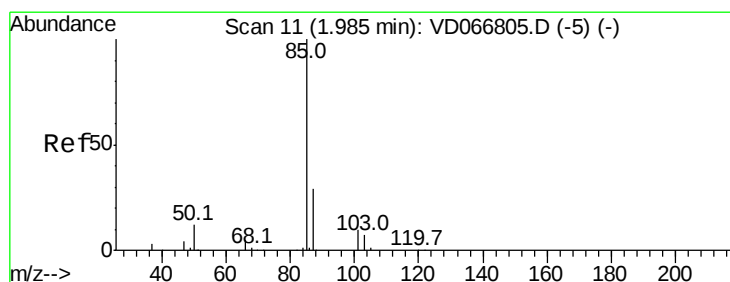
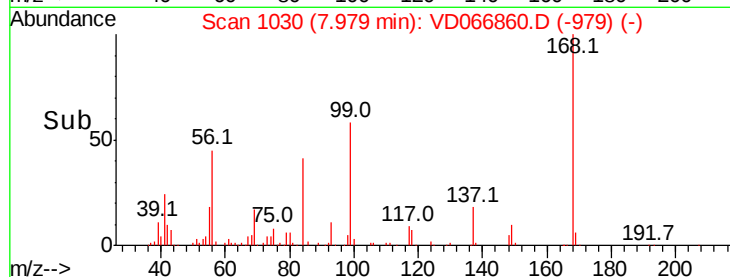
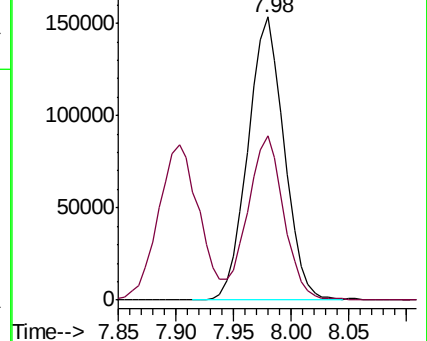
168 100

99 57.3 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 52.393 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD066860.D

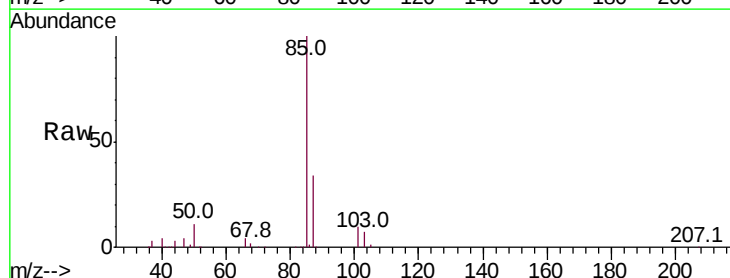
Acq: 24 Sep 2020 19:23

Tgt Ion: 85 Resp: 122026

Ion Ratio Lower Upper

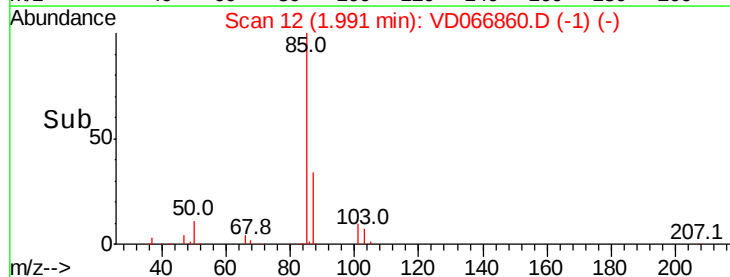
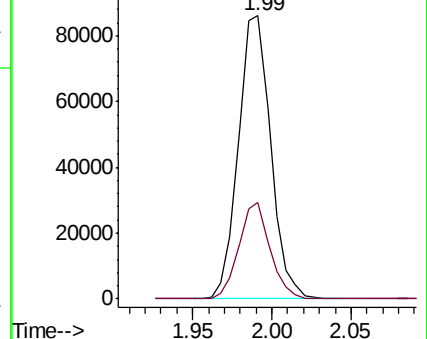
85 100

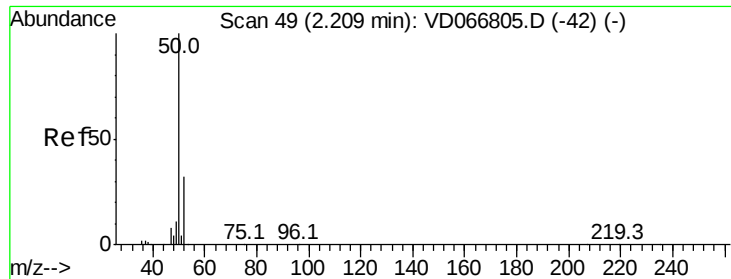
87 34.0 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 48.165 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

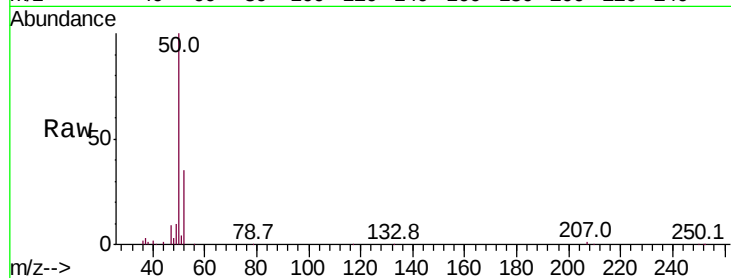
B-2(4-5)MSD

Tot Ion: 50 Resp: 148605

Ion Ratio Lower Upper

50 100

52 34.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

60000

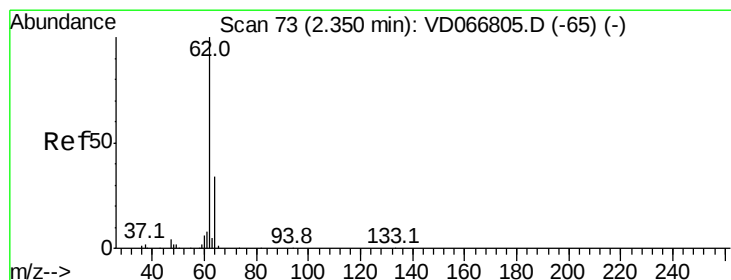
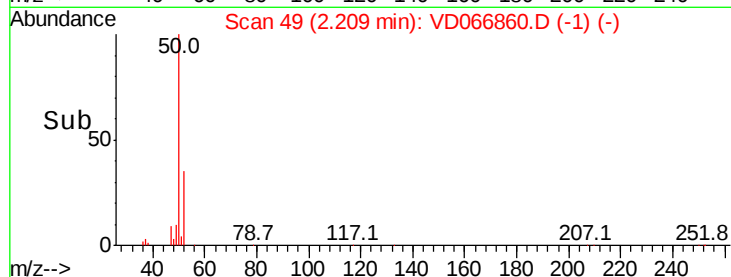
40000

20000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 48.400 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066860.D

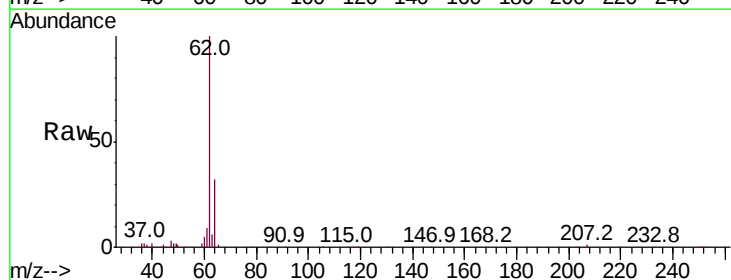
Acq: 24 Sep 2020 19:23

Tgt Ion: 62 Resp: 147528

Ion Ratio Lower Upper

62 100

64 31.6 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

60000

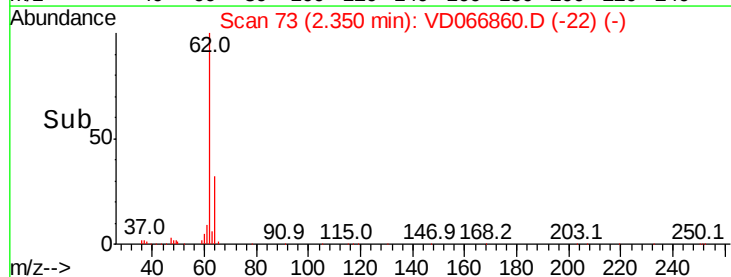
40000

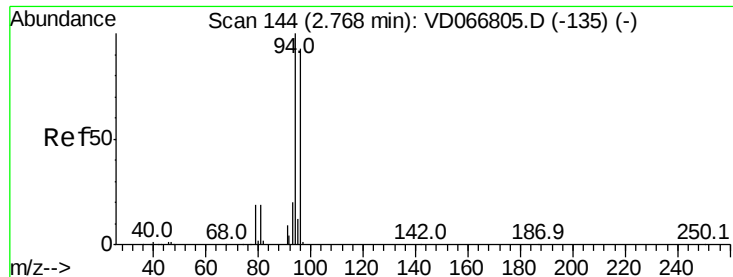
20000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 51.364 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

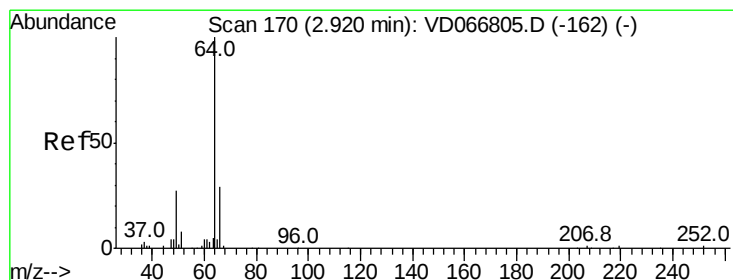
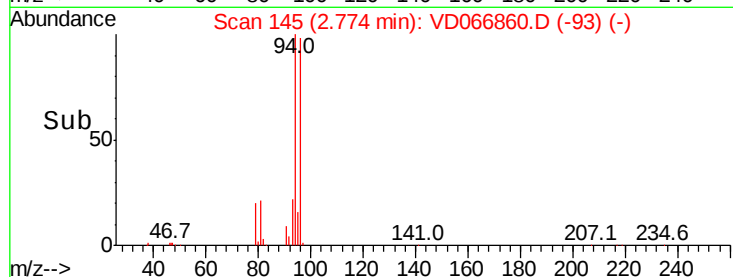
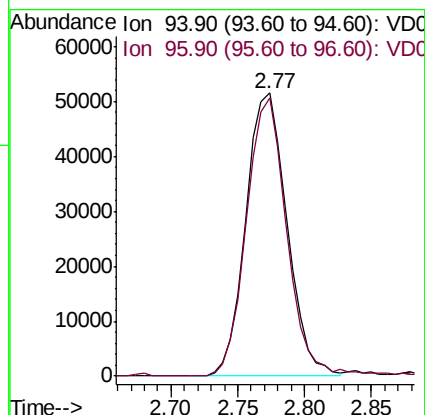
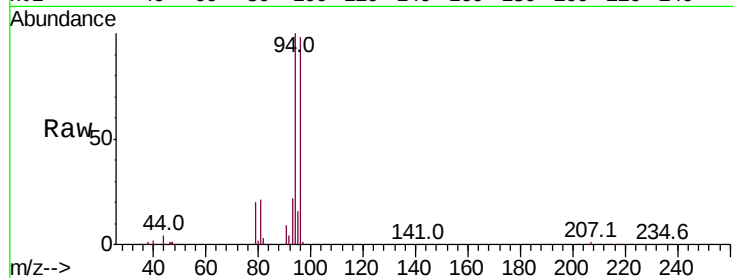
B-2(4-5)MSD

Tot Ion: 94 Resp: 110044

Ion Ratio Lower Upper

94 100

96 98.2 74.3 111.5



#6

Chloroethane

Concen: 50.171 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066860.D

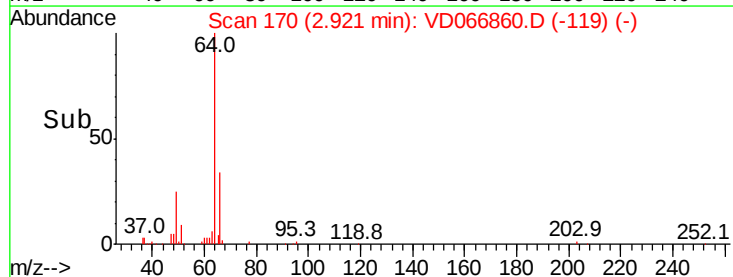
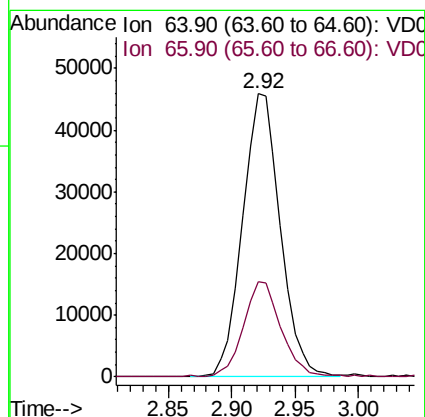
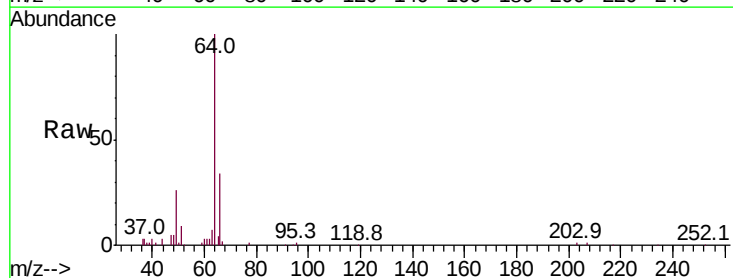
Acq: 24 Sep 2020 19:23

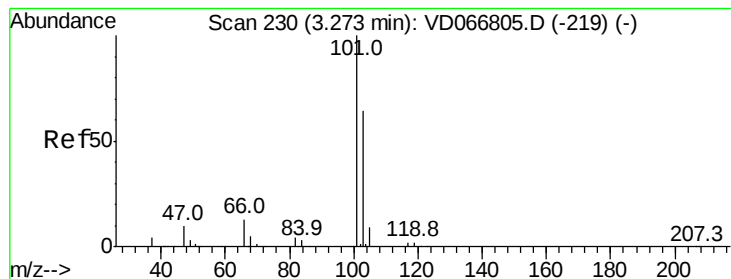
Tgt Ion: 64 Resp: 94966

Ion Ratio Lower Upper

64 100

66 33.4 23.3 34.9



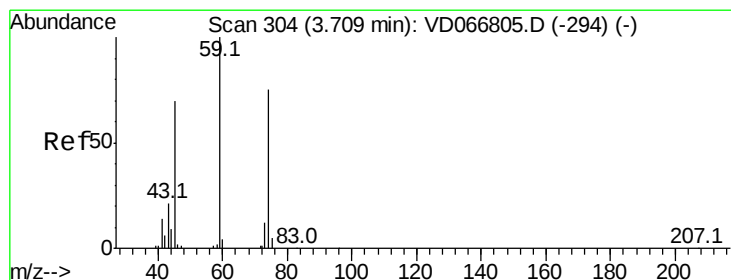
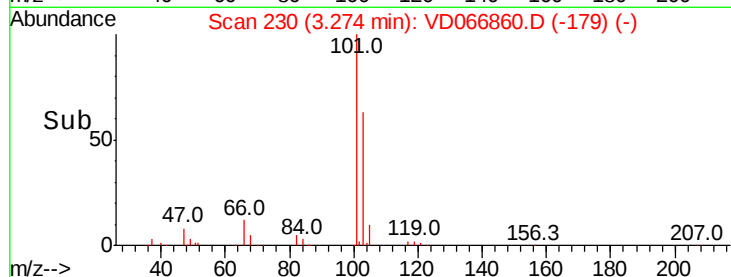
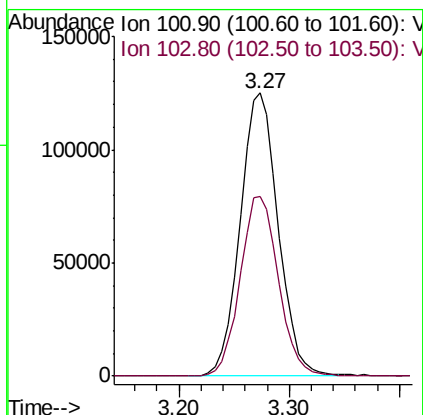
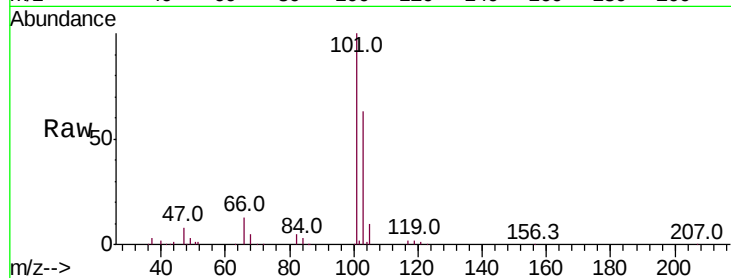


#7

Trichlorofluoromethane
 Concen: 48.292 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

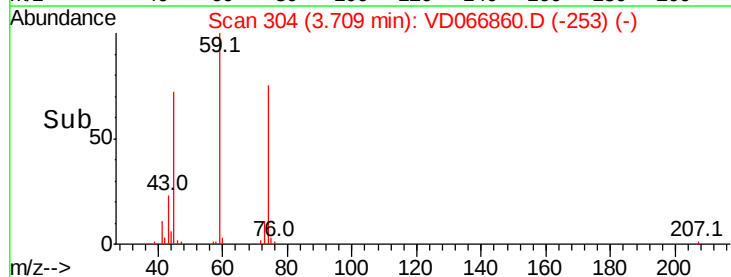
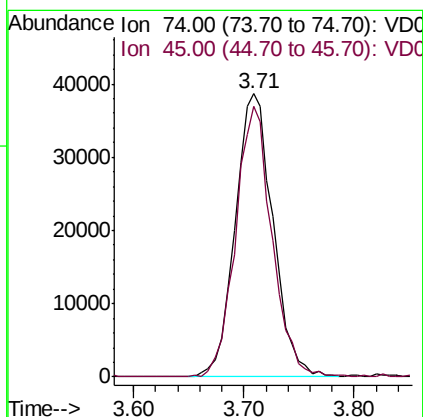
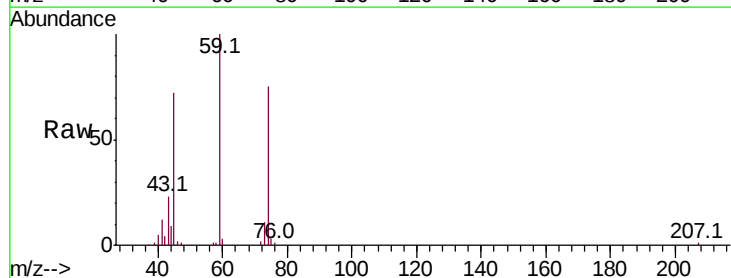
Tot Ion:101 Resp: 302304
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.6

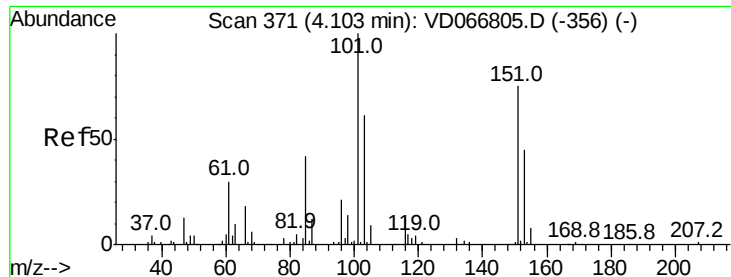


#8

Diethyl Ether
 Concen: 58.389 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion: 74 Resp: 92793
 Ion Ratio Lower Upper
 74 100
 45 92.0 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.108 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

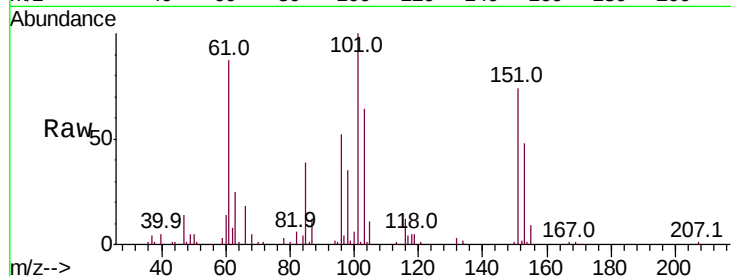
Tot Ion:101 Resp: 152849

Ion Ratio Lower Upper

101 100

85 41.9 35.4 53.2

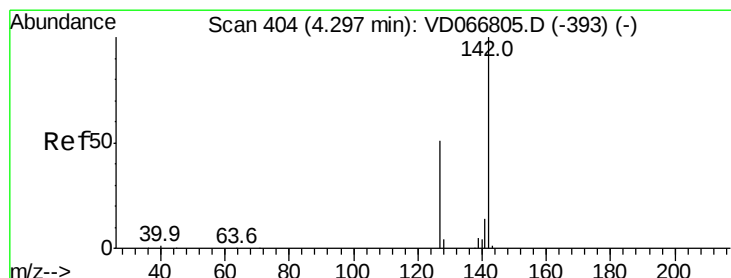
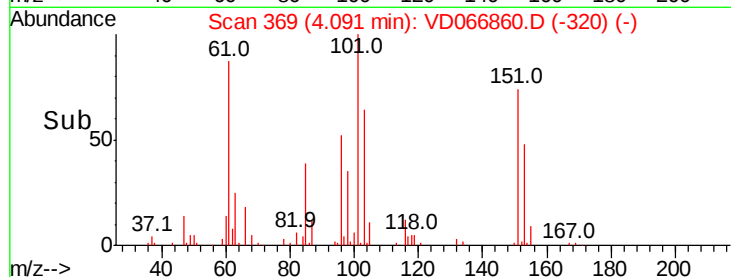
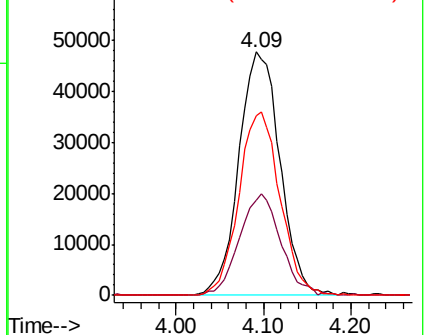
151 75.2 61.4 92.0



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: 52.317 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

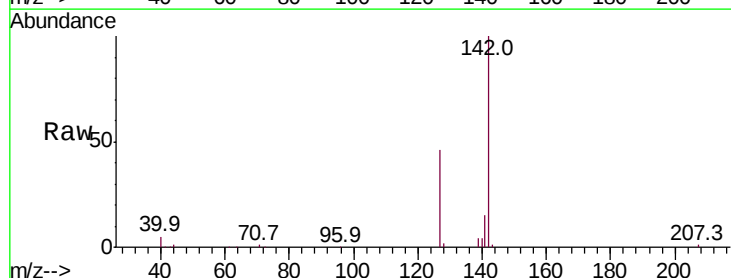
Tgt Ion:142 Resp: 167580

Ion Ratio Lower Upper

142 100

127 46.6 39.4 59.0

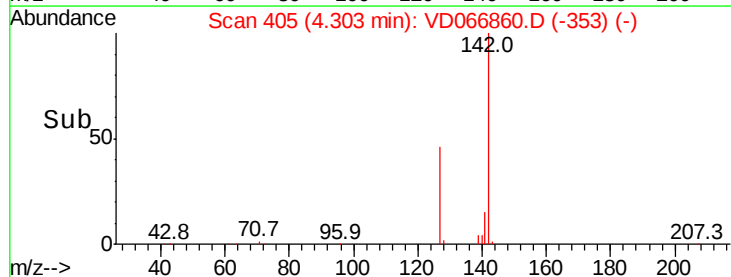
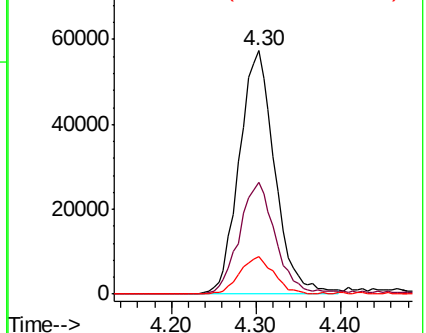
141 14.8 12.1 18.1

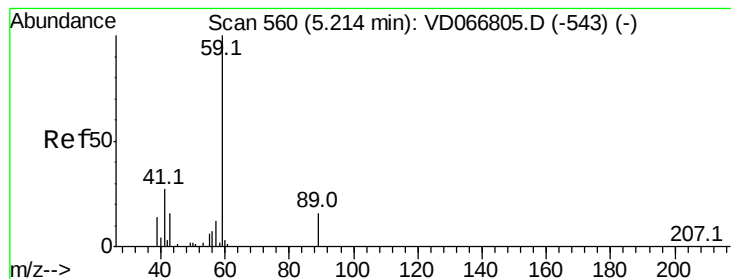


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 266.943 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

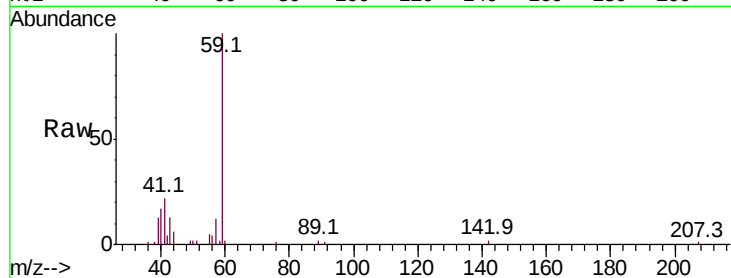
B-2(4-5)MSD

Tot Ion: 59 Resp: 52359

Ion Ratio Lower Upper

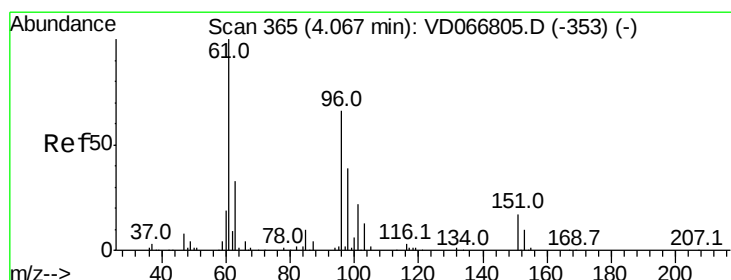
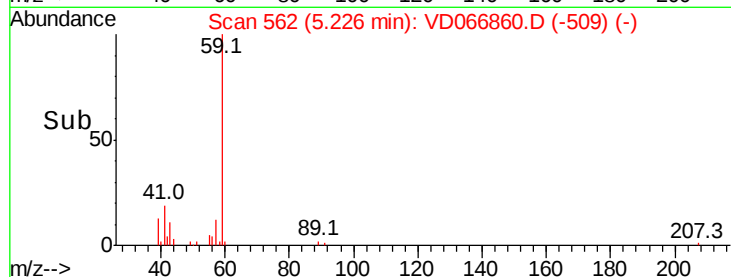
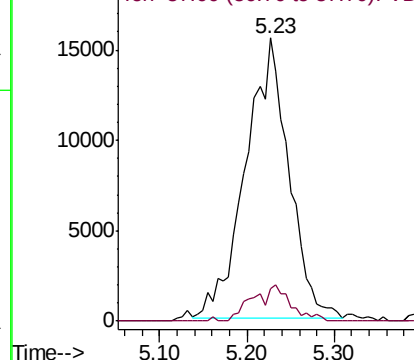
59 100

57 11.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 50.040 ug/l

RT: 4.07 min Scan# 366

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

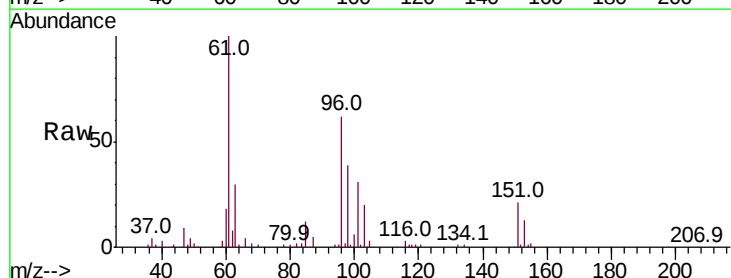
Tgt Ion: 96 Resp: 164544

Ion Ratio Lower Upper

96 100

61 162.2 120.8 181.2

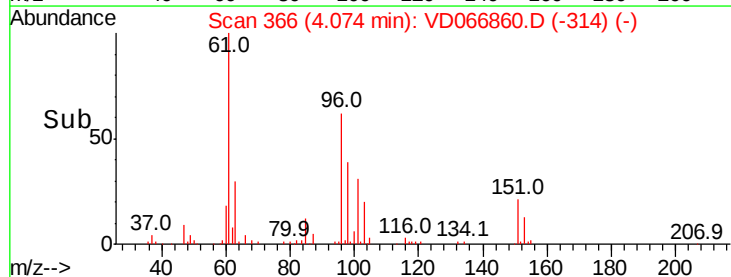
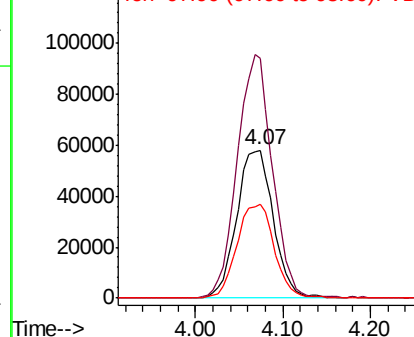
98 64.0 47.7 71.5

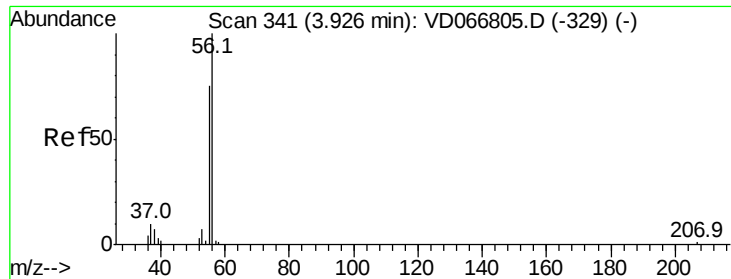


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

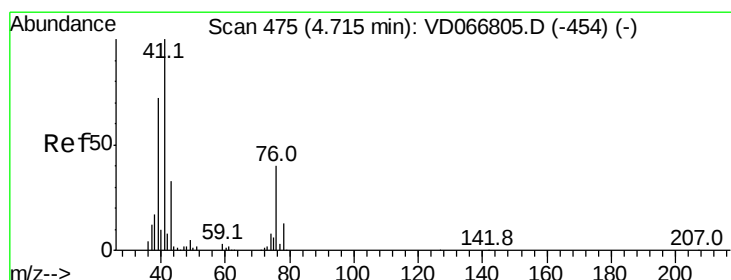
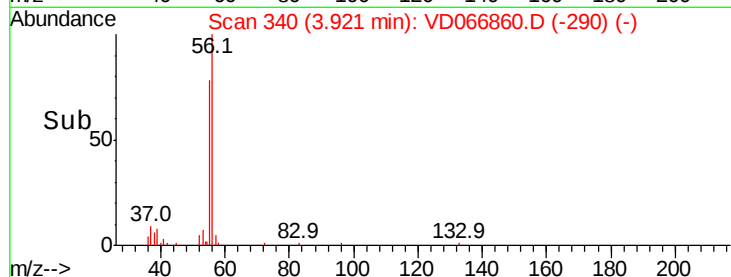
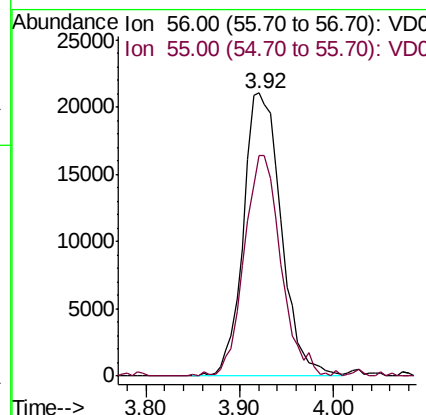
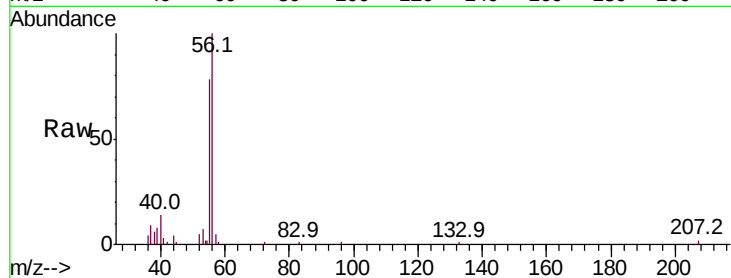




#13
Acrolein
Concen: 242.034 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

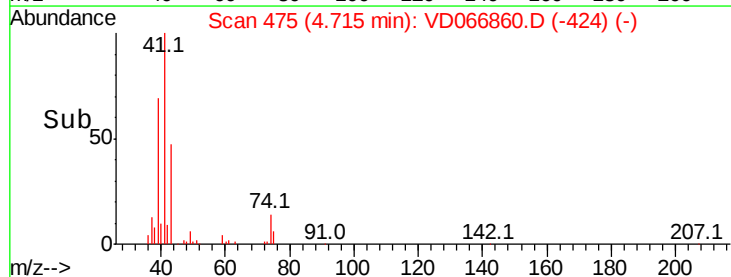
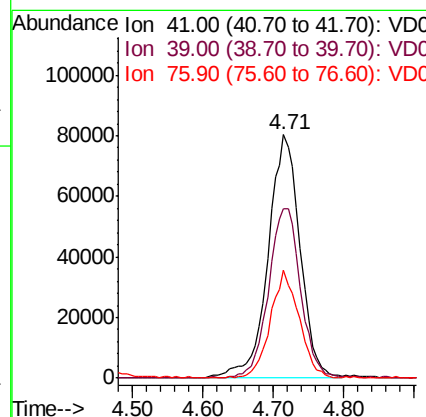
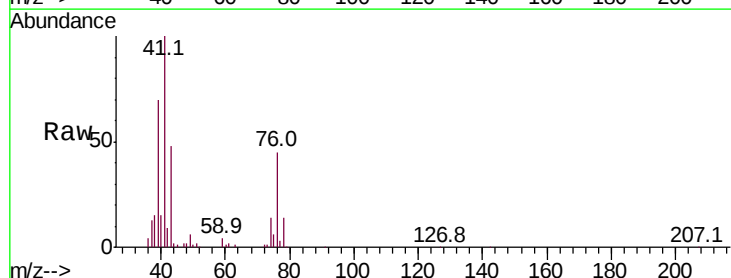
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

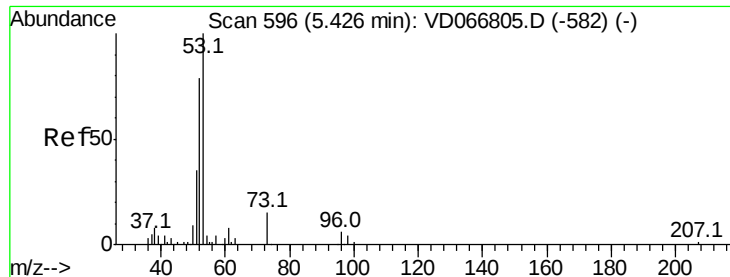
Tot Ion: 56 Resp: 58683
Ion Ratio Lower Upper
56 100
55 75.7 60.3 90.5



#14
Allyl chloride
Concen: 52.475 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 41 Resp: 253374
Ion Ratio Lower Upper
41 100
39 70.3 57.8 86.8
76 40.2 30.9 46.3





#15

Acrylonitrile

Concen: 274.936 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

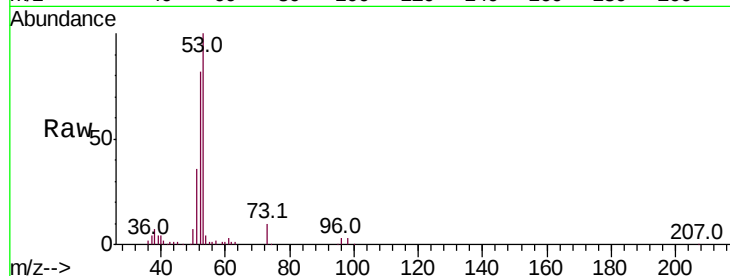
Tot Ion: 53 Resp: 193632

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

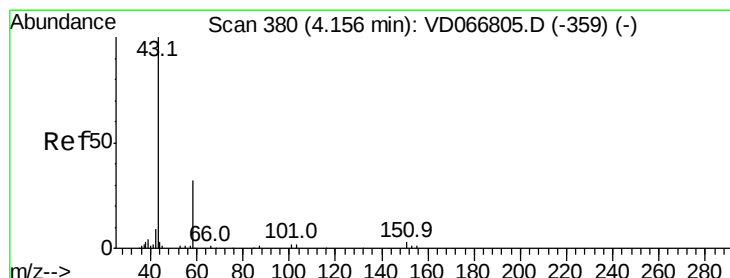
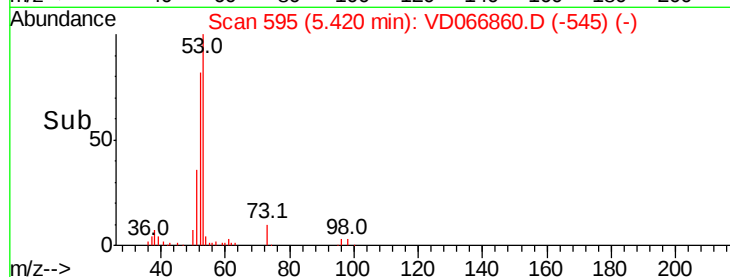
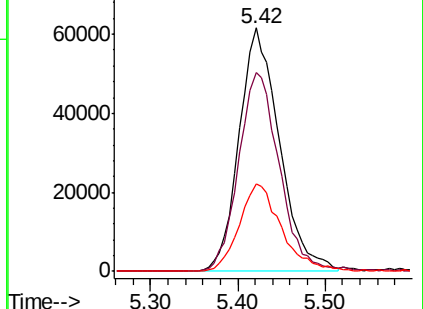
51 37.6 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 272.519 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066860.D

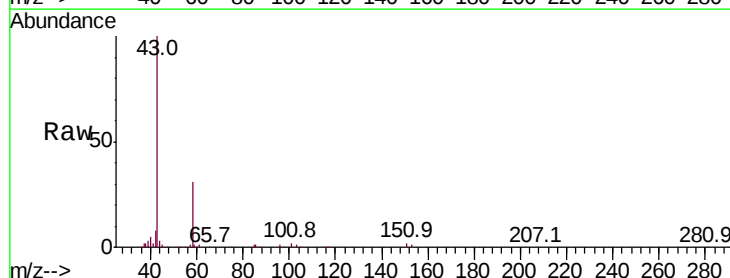
Acq: 24 Sep 2020 19:23

Tgt Ion: 43 Resp: 190005

Ion Ratio Lower Upper

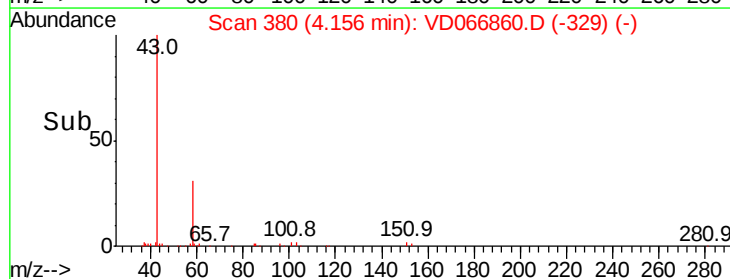
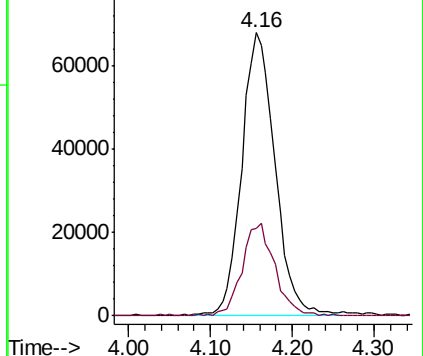
43 100

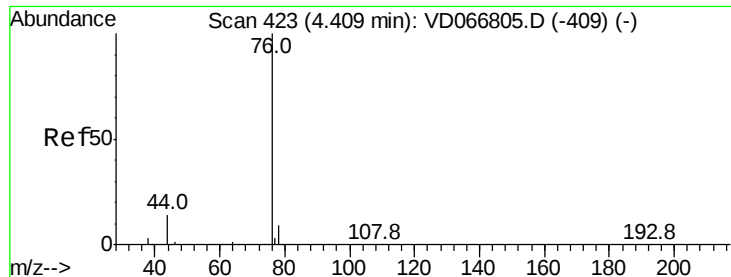
58 30.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

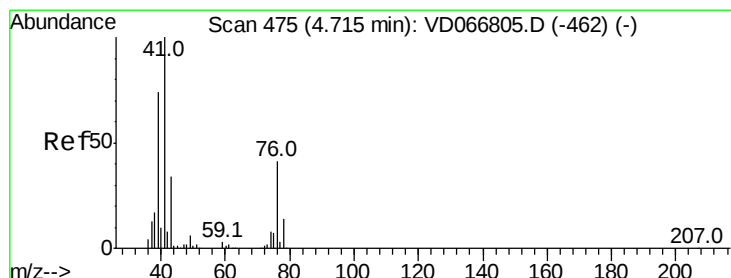
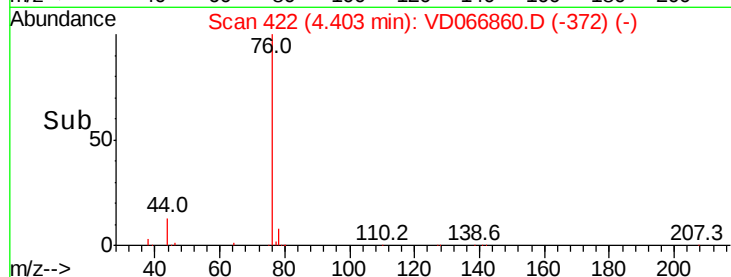
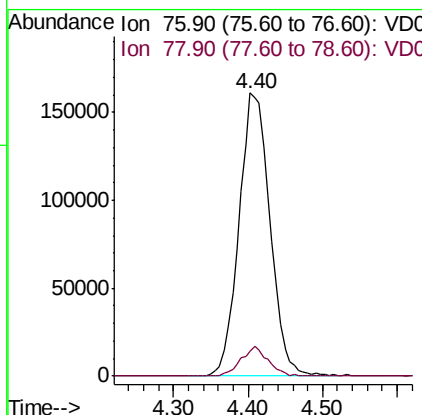
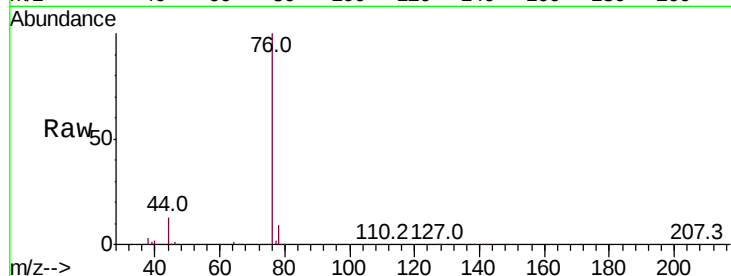




#17
Carbon Disulfide
Concen: 46.204 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

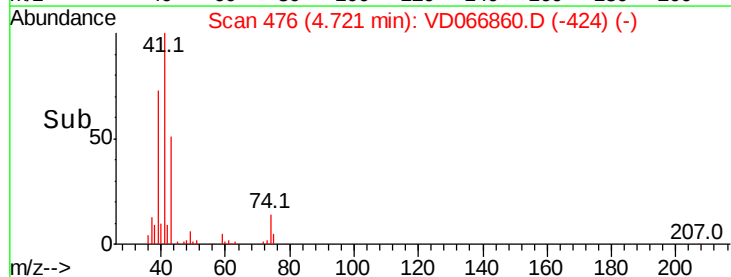
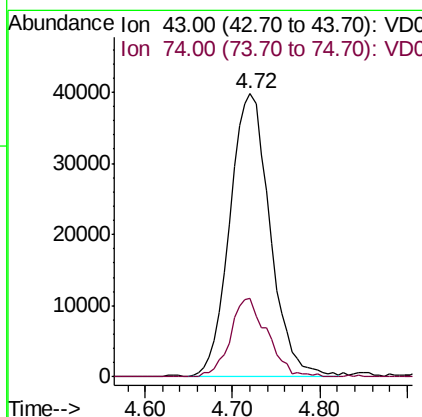
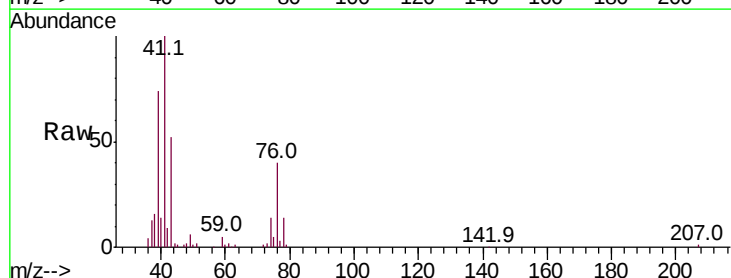
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

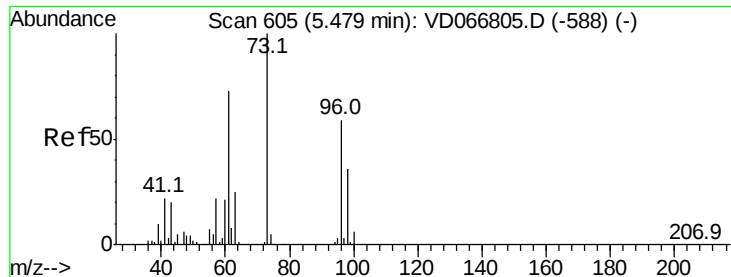
Tot Ion: 76 Resp: 464494
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4



#18
Methyl Acetate
Concen: 82.376 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 43 Resp: 124494
Ion Ratio Lower Upper
43 100
74 25.6 20.3 30.5



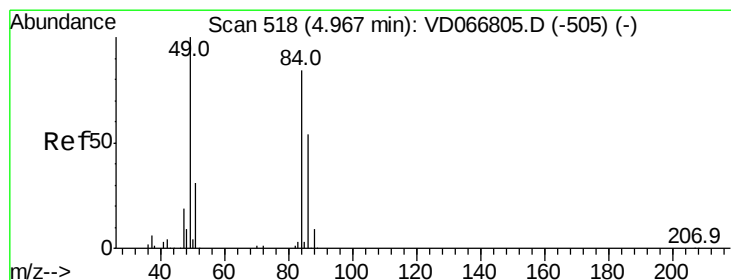
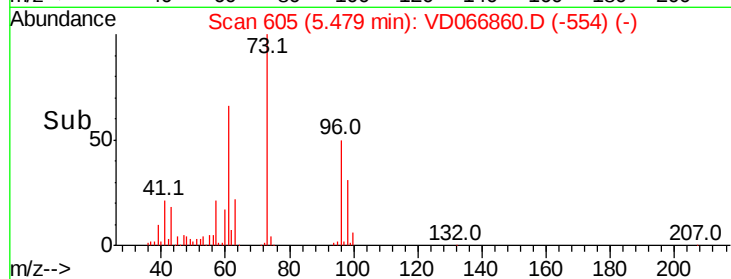
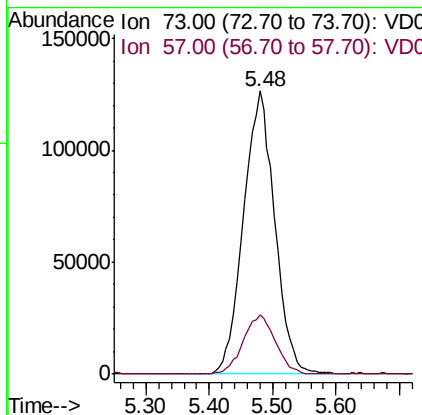
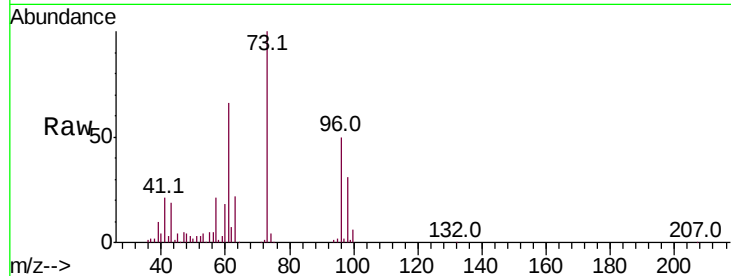


#19

Methyl tert-butyl Ether
 Concen: 60.814 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

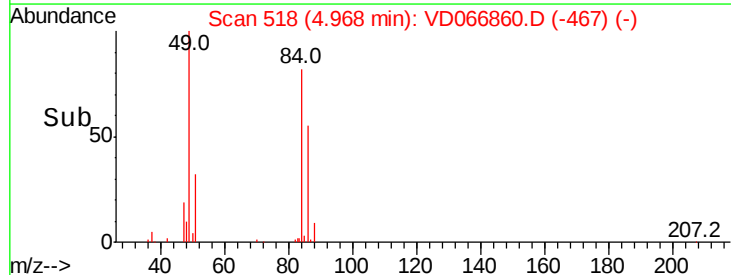
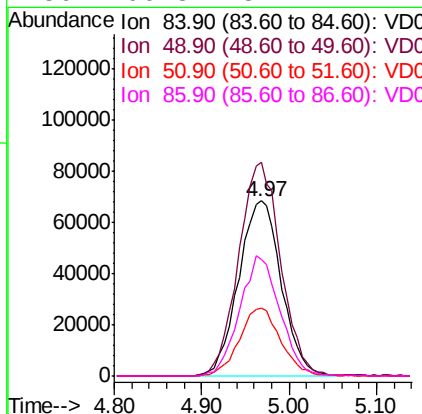
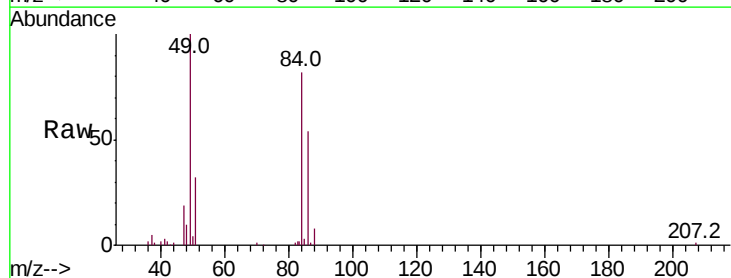
Tot Ion: 73 Resp: 434267
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.4 26.2

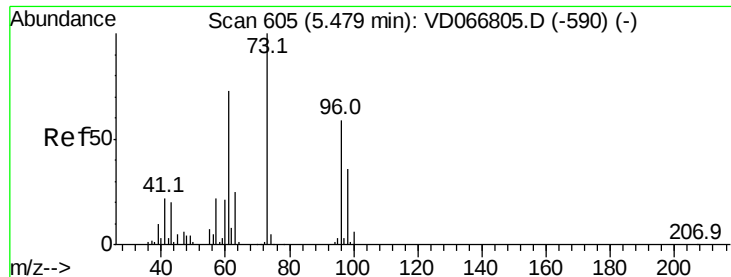


#20

Methylene Chloride
 Concen: 61.658 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion: 84 Resp: 226904
 Ion Ratio Lower Upper
 84 100
 49 122.1 95.4 143.2
 51 38.8 29.7 44.5
 86 66.3 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.371 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

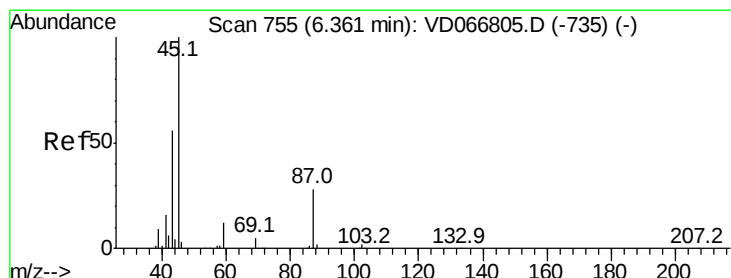
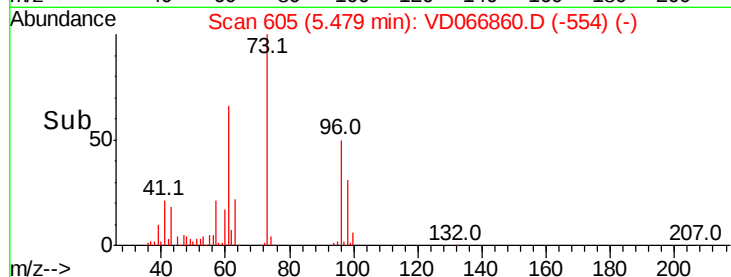
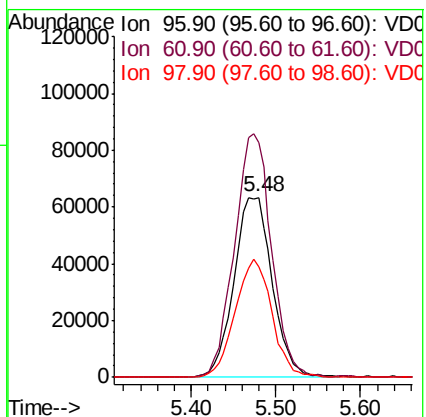
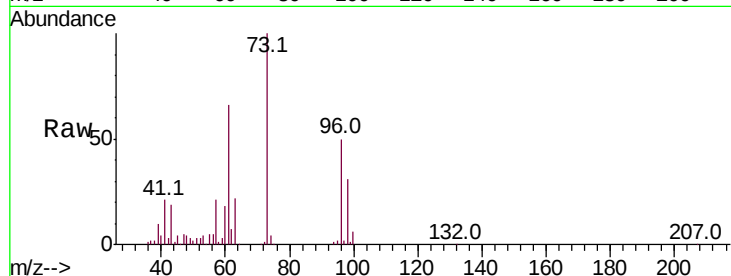
Tot Ion: 96 Resp: 199399

Ion Ratio Lower Upper

96 100

61 130.6 98.9 148.3

98 61.1 48.4 72.6



#22

Diisopropyl ether

Concen: 60.545 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Tgt Ion: 45 Resp: 601086

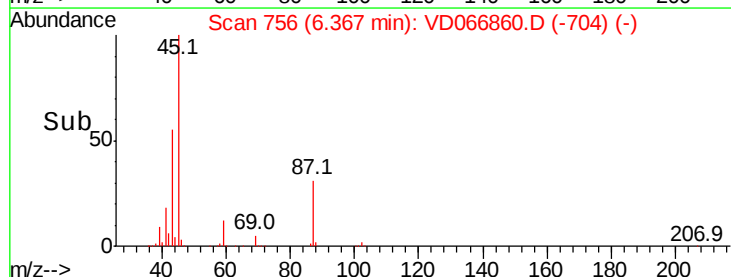
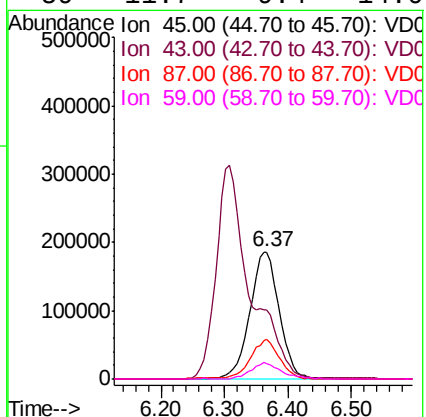
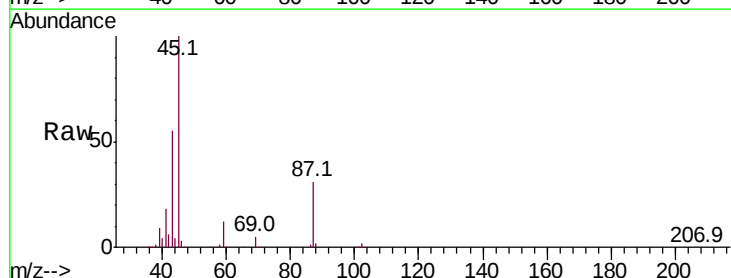
Ion Ratio Lower Upper

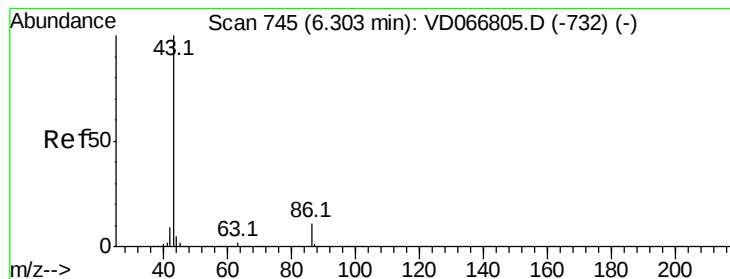
45 100

43 54.1 44.5 66.7

87 31.1 22.9 34.3

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 218.013 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

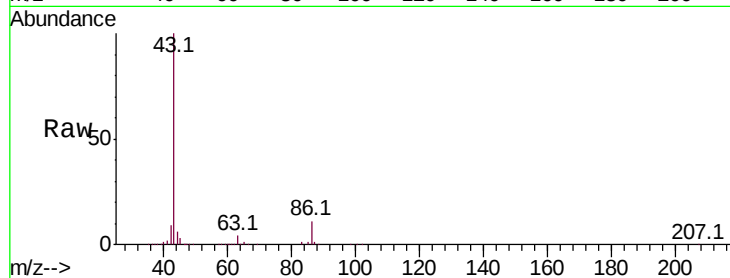
B-2(4-5)MSD

Tot Ion: 43 Resp: 1173253

Ion Ratio Lower Upper

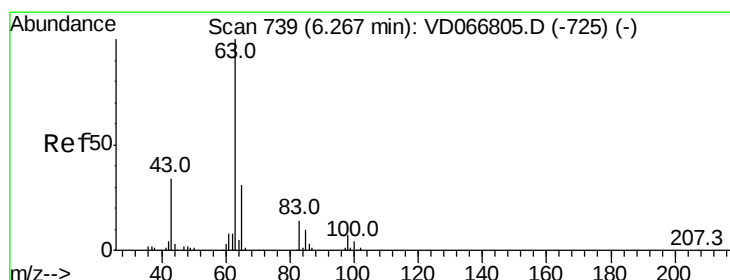
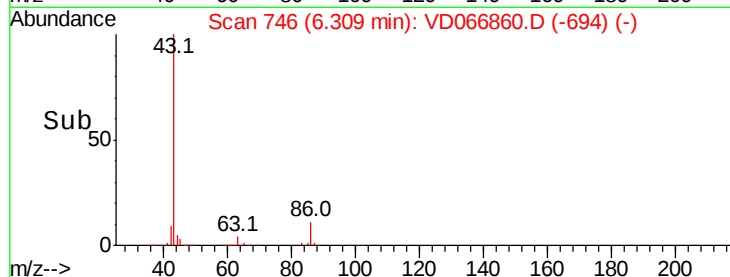
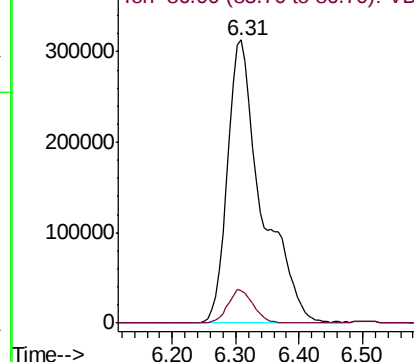
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 53.885 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

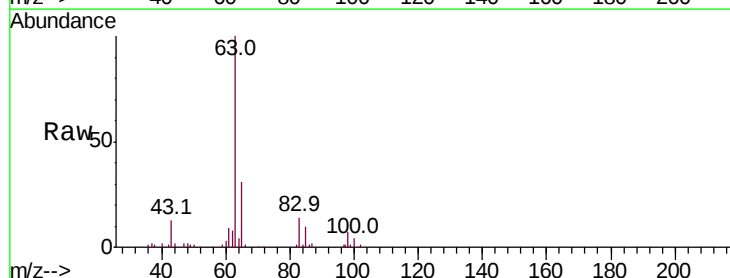
Tgt Ion: 63 Resp: 357881

Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

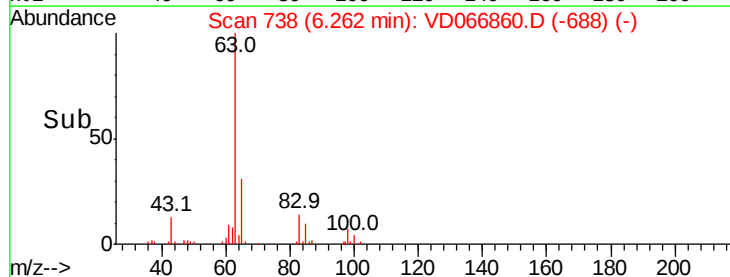
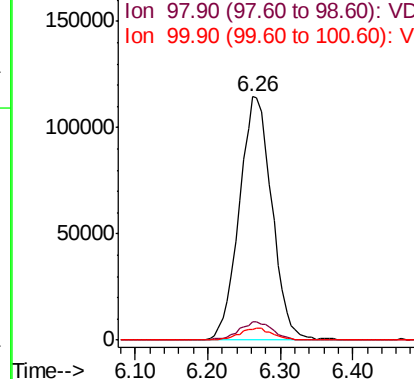
100 4.2 1.8 5.5

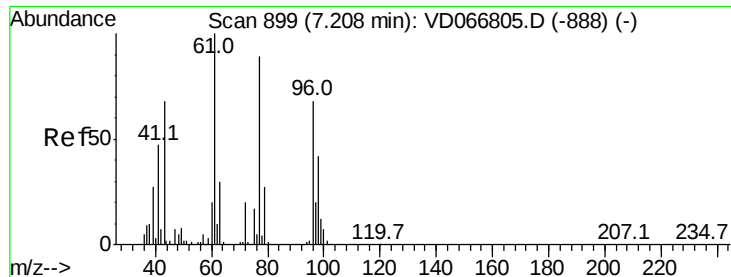


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 269.246 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

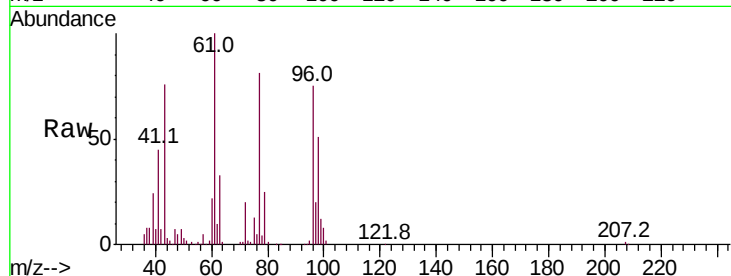
B-2(4-5)MSD

Tot Ion: 43 Resp: 225593

Ion Ratio Lower Upper

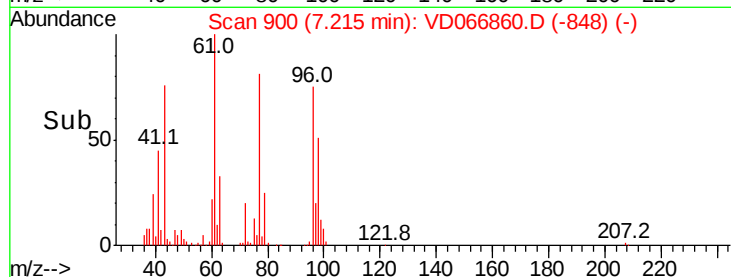
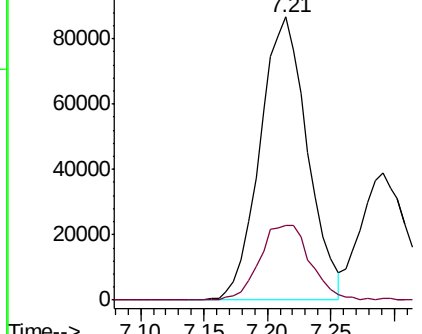
43 100

72 26.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 47.015 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066860.D

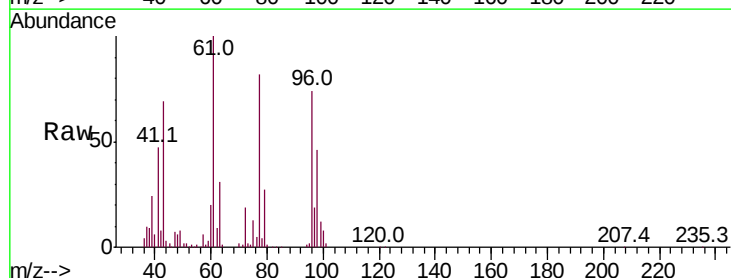
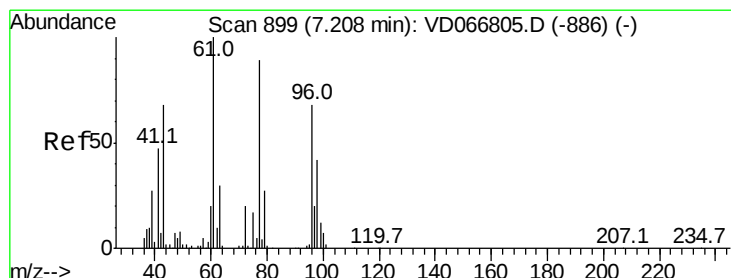
Acq: 24 Sep 2020 19:23

Tgt Ion: 77 Resp: 286199

Ion Ratio Lower Upper

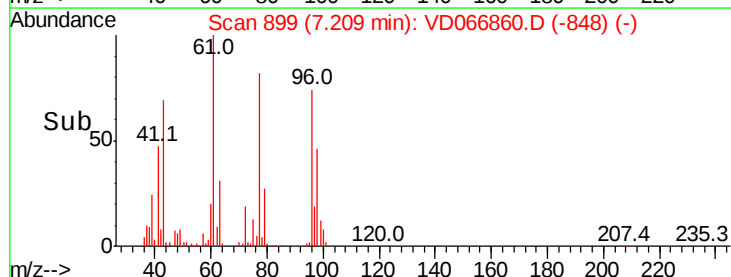
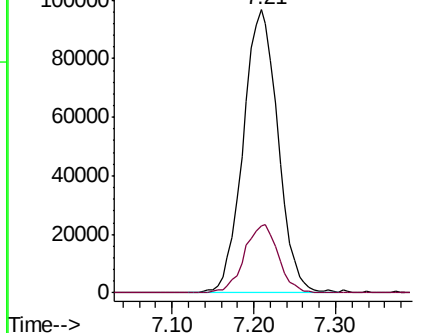
77 100

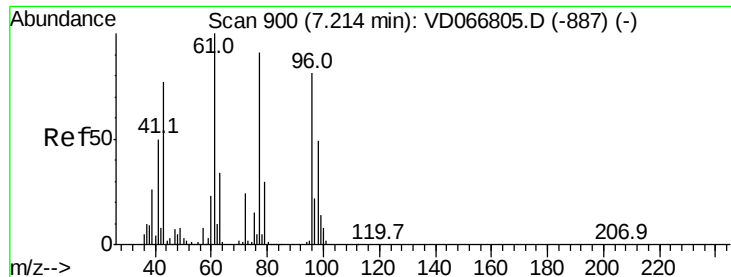
97 23.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 55.496 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

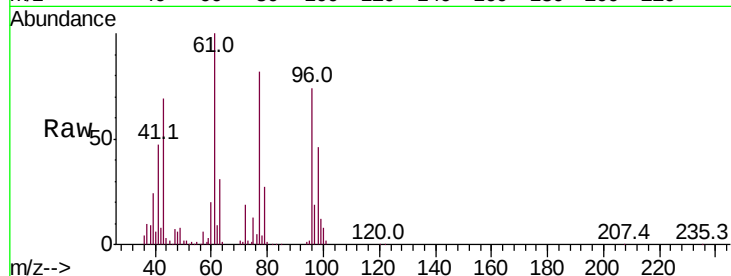
Tot Ion: 96 Resp: 229580

Ion Ratio Lower Upper

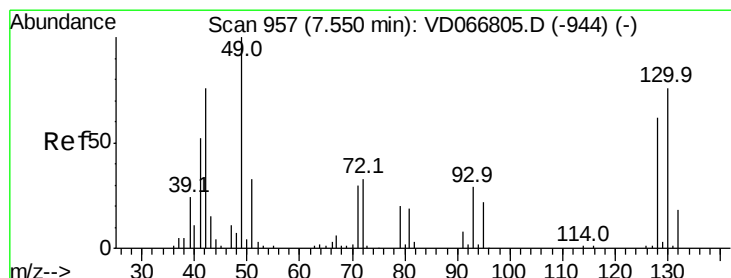
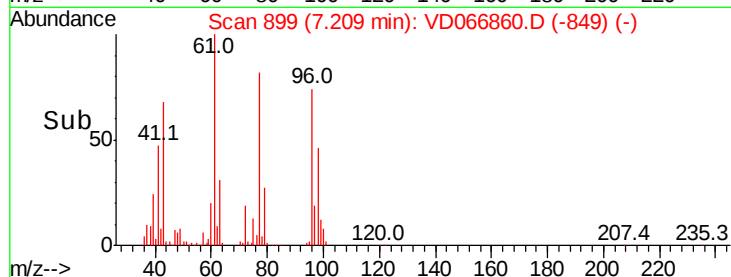
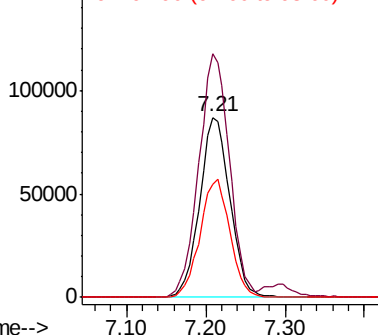
96 100

61 137.4 0.0 283.8

98 64.9 0.0 128.4



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



#28

Bromochloromethane

Concen: 60.809 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

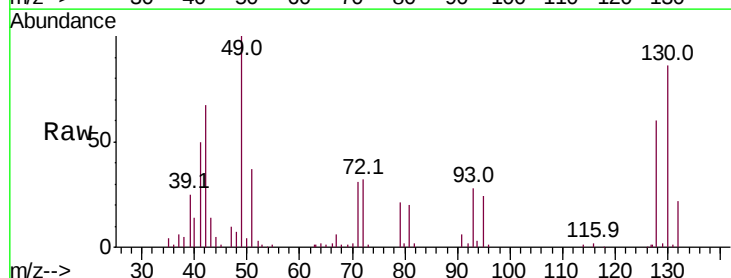
Tgt Ion: 49 Resp: 166847

Ion Ratio Lower Upper

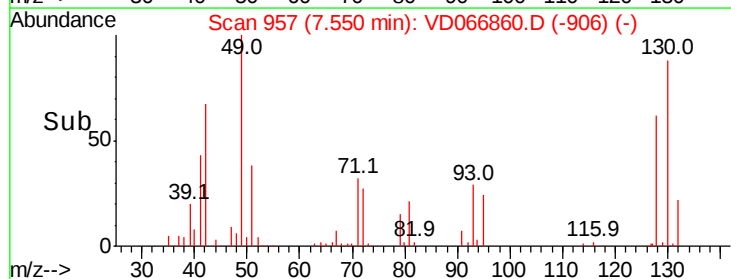
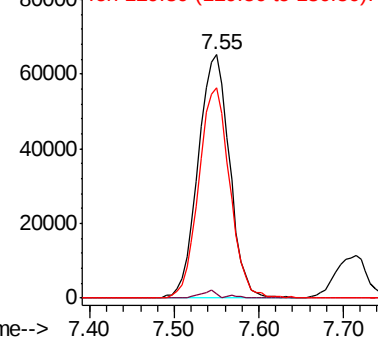
49 100

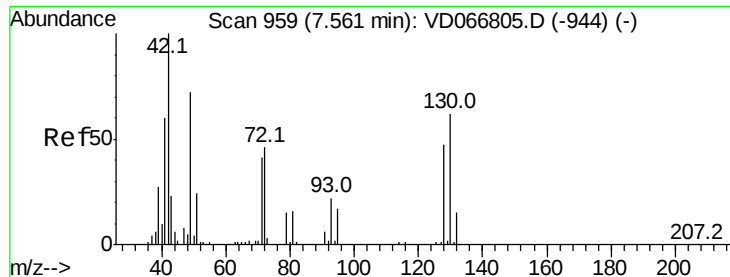
129 1.6 0.0 2.0

130 85.7 65.9 98.9



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





#29

Tetrahydrofuran

Concen: 281.240 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

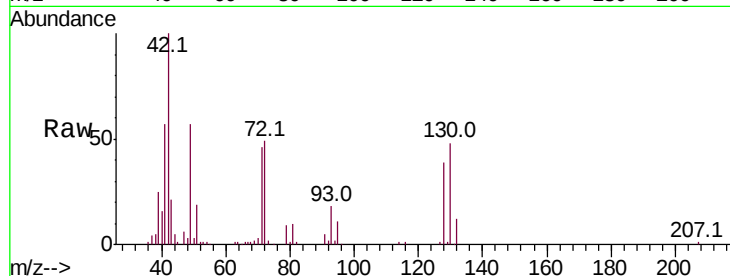
Tot Ion: 42 Resp: 150988

Ion Ratio Lower Upper

42 100

72 47.7 36.2 54.4

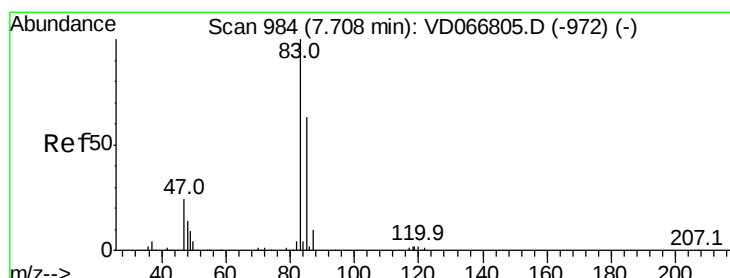
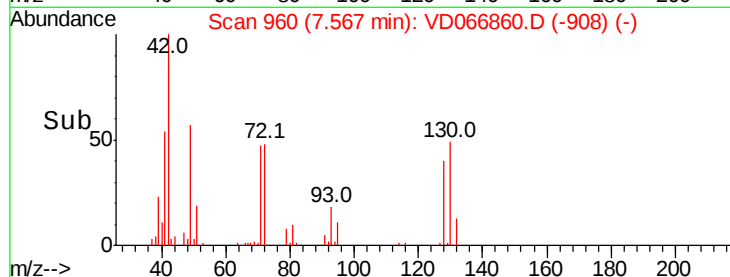
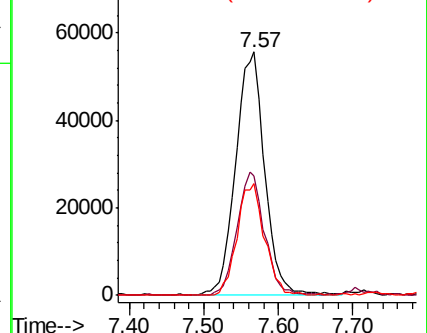
71 43.4 32.4 48.6



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 53.495 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066860.D

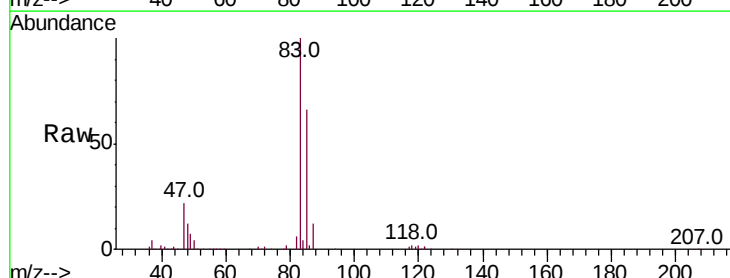
Acq: 24 Sep 2020 19:23

Tgt Ion: 83 Resp: 382984

Ion Ratio Lower Upper

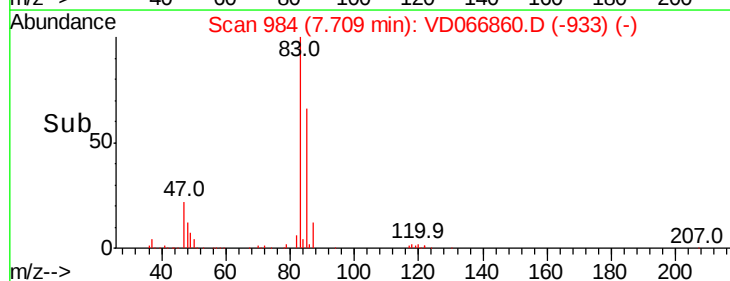
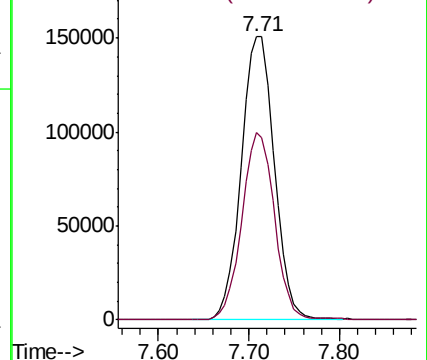
83 100

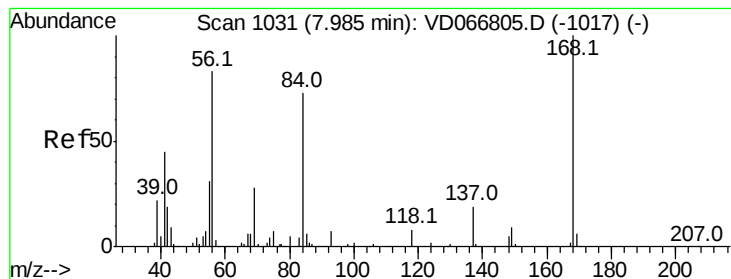
85 66.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 29.592 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

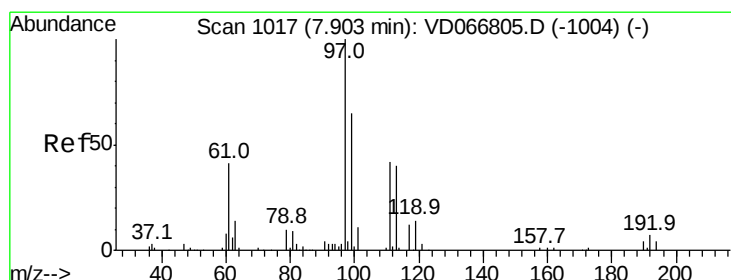
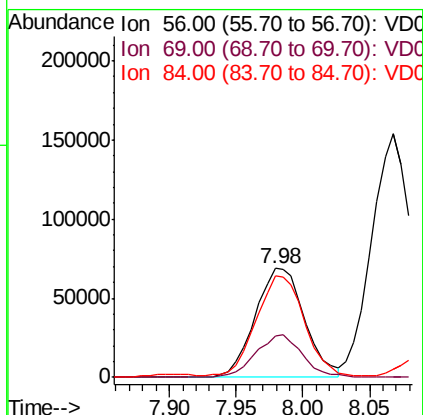
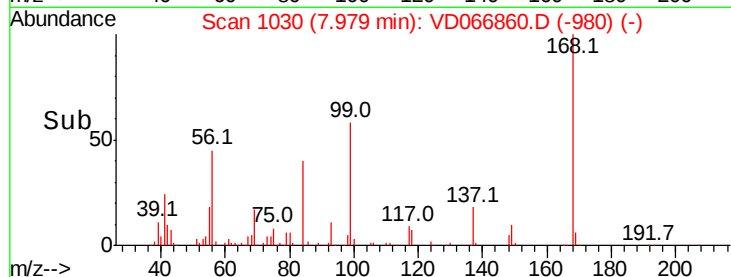
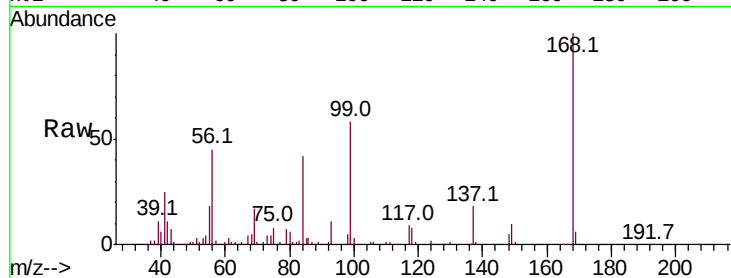
Tot Ion: 56 Resp: 176842

Ion Ratio Lower Upper

56 100

69 37.5 27.0 40.4

84 90.7 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 49.737 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

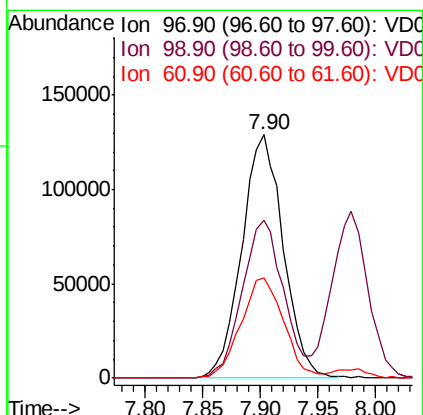
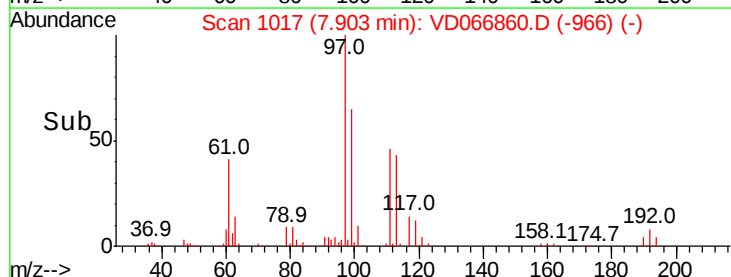
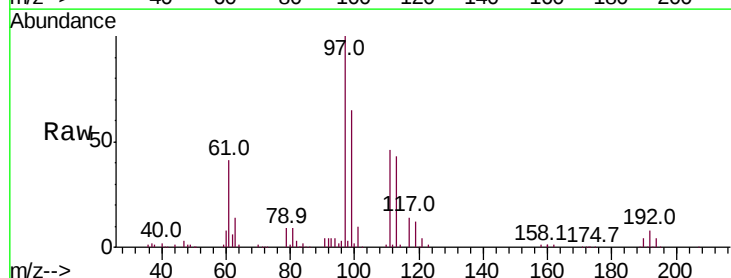
Tgt Ion: 97 Resp: 322115

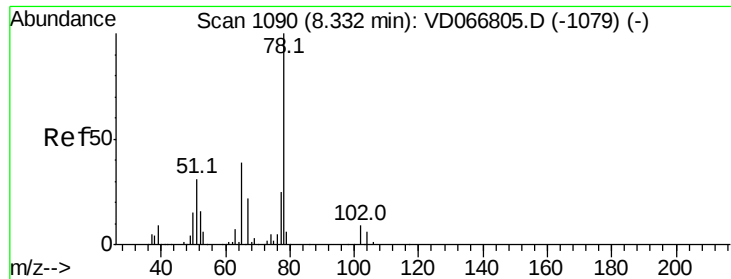
Ion Ratio Lower Upper

97 100

99 65.5 51.5 77.3

61 42.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 53.848 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

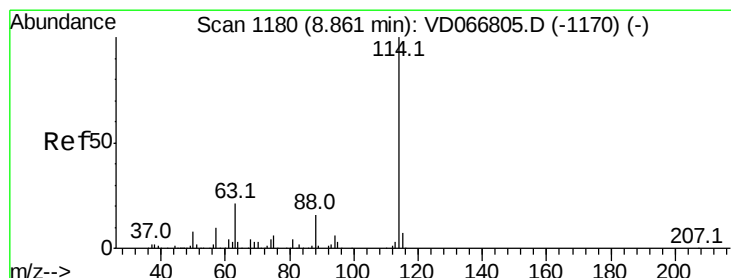
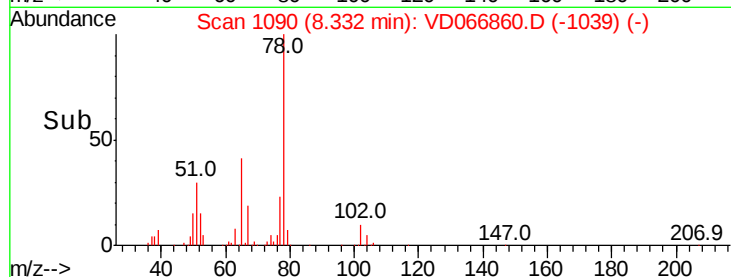
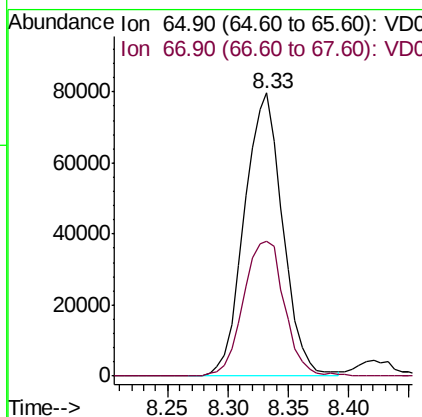
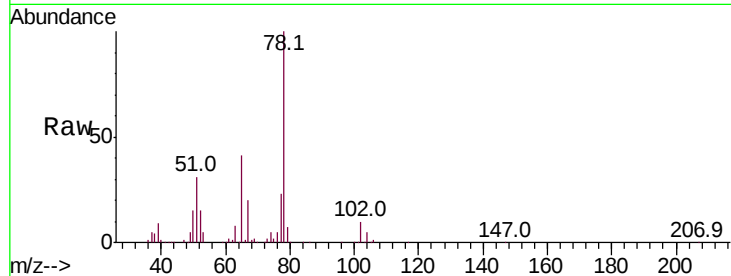
Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion: 65 Resp: 176980

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

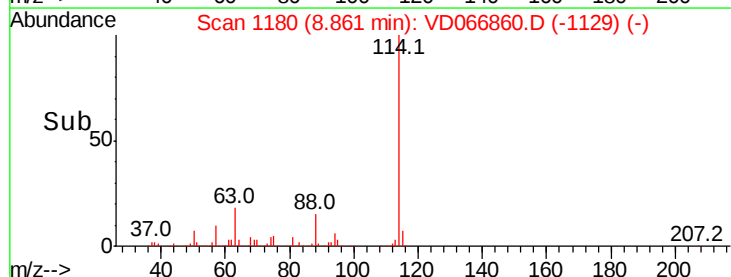
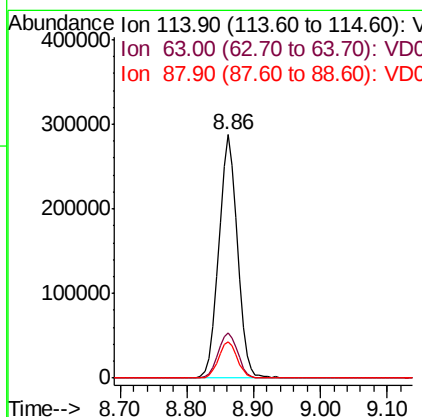
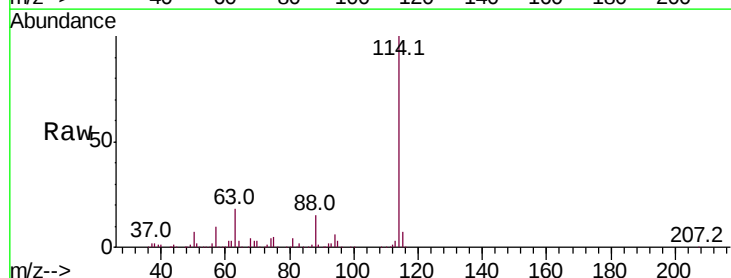
Delta R.T. 0.00 min

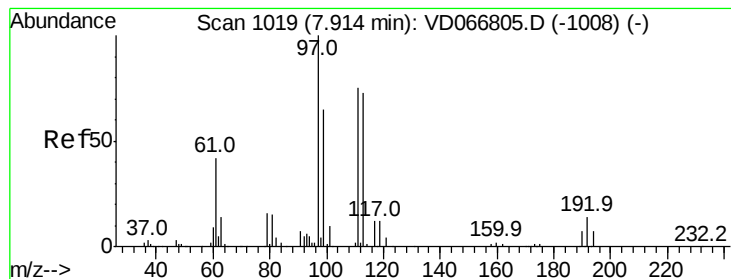
Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Tgt Ion: 114 Resp: 570053

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	42.6
88	15.1	0.0	32.6





#35

Dibromofluoromethane

Concen: 51.342 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

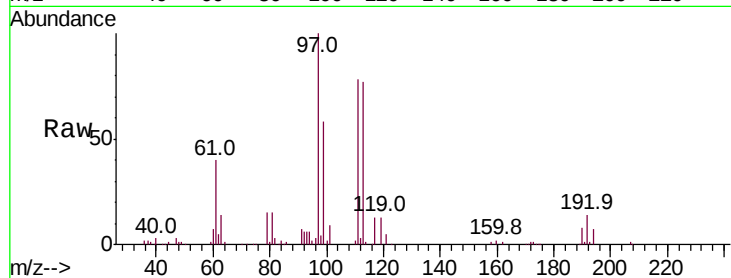
Tot Ion:113 Resp: 186201

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

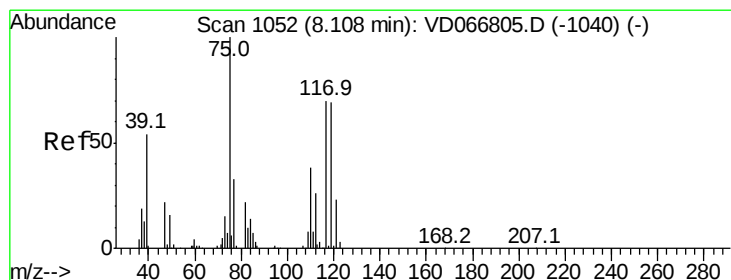
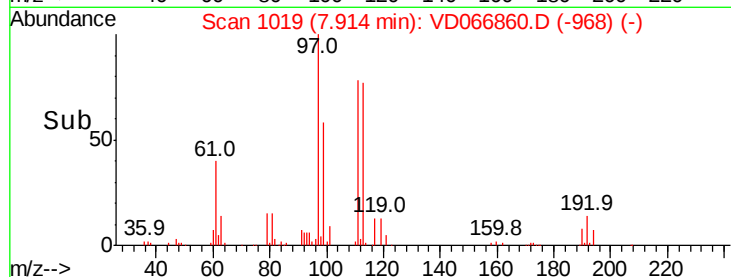
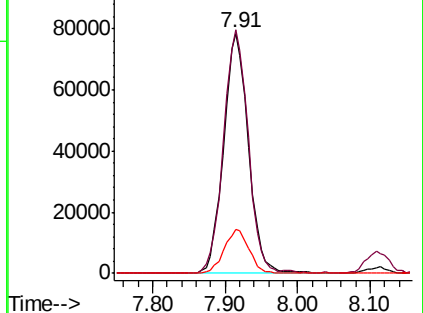
192 18.4 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.183 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

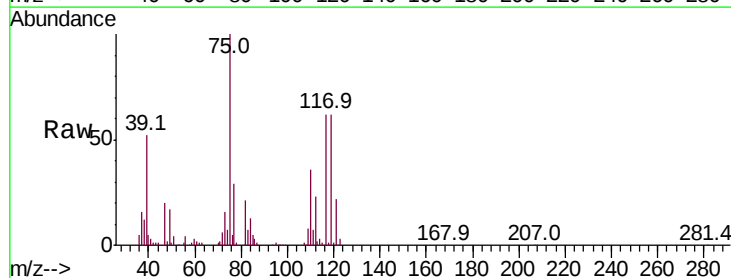
Tgt Ion: 75 Resp: 244217

Ion Ratio Lower Upper

75 100

110 37.0 17.9 53.8

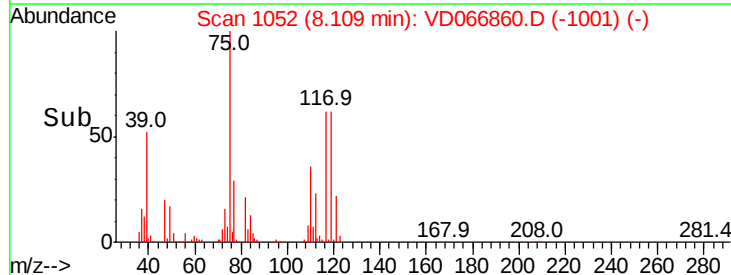
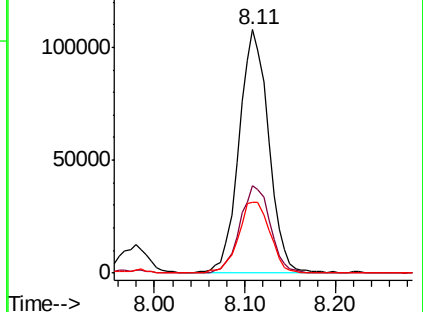
77 31.4 25.0 37.6

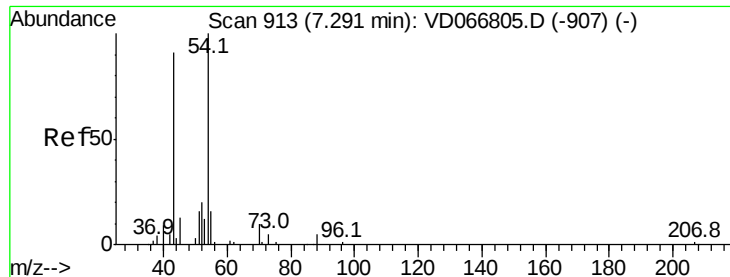


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 49.205 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

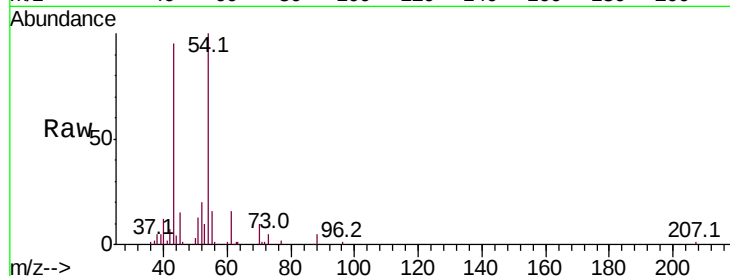
Tot Ion: 43 Resp: 100599

Ion Ratio Lower Upper

43 100

61 15.6 9.8 14.8#

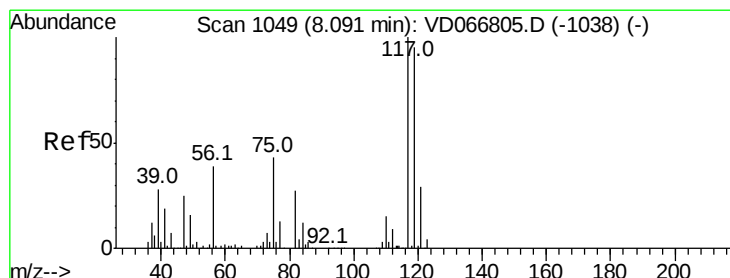
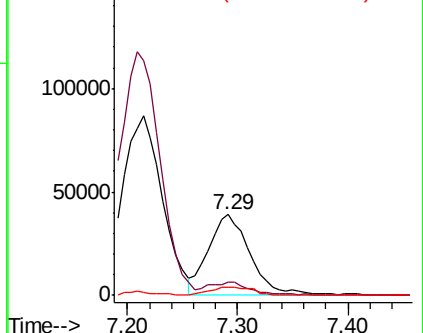
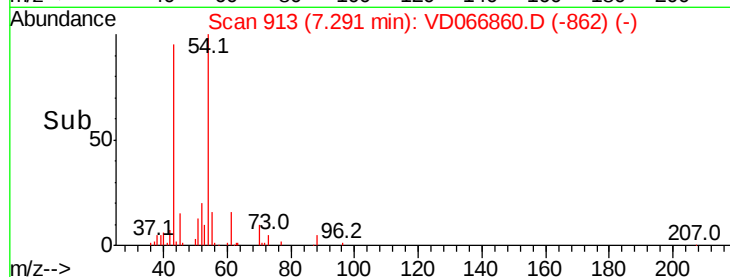
70 10.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 41.703 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

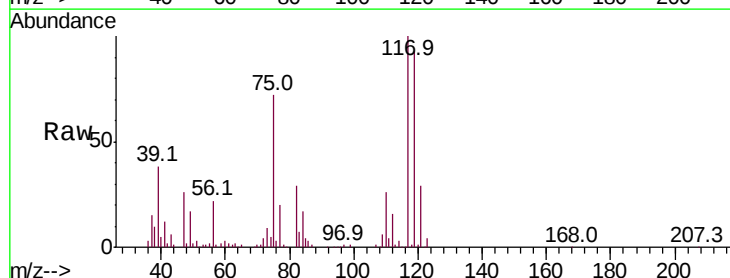
Tgt Ion: 117 Resp: 257849

Ion Ratio Lower Upper

117 100

119 93.0 75.8 113.8

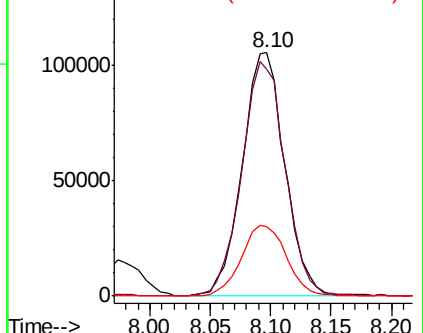
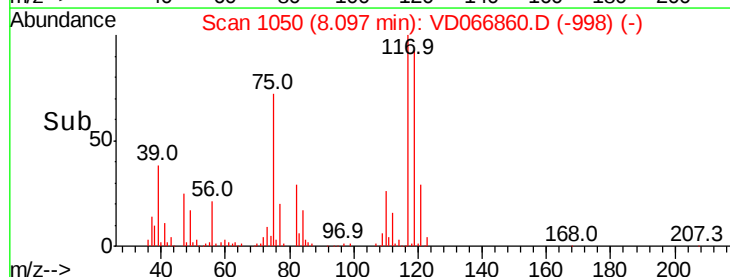
121 28.7 23.4 35.0

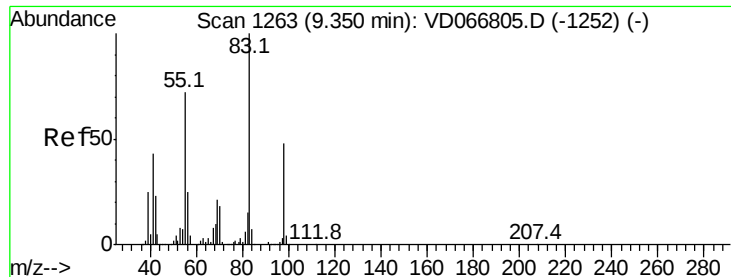


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

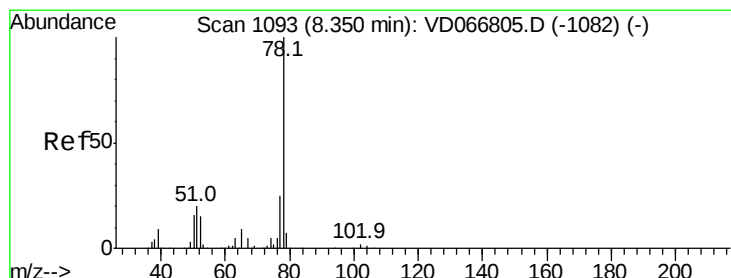
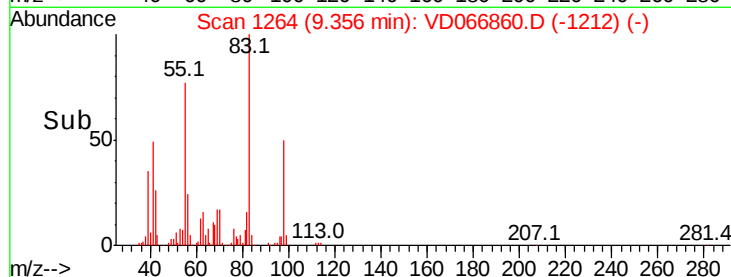
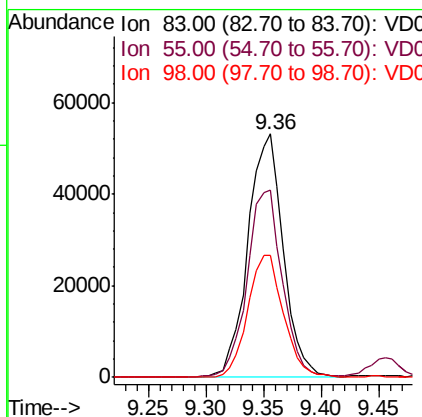
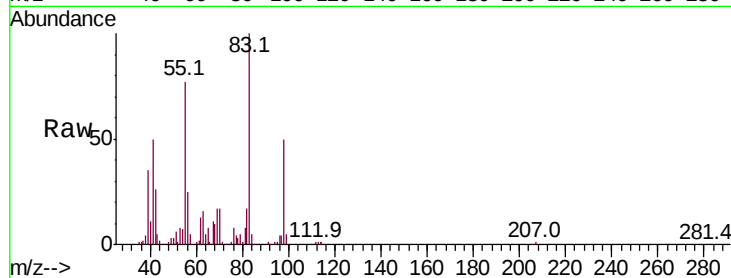




#39
Methvlcvclohexane
Concen: 17.518 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

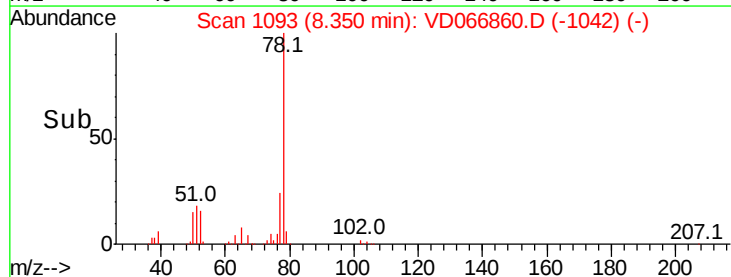
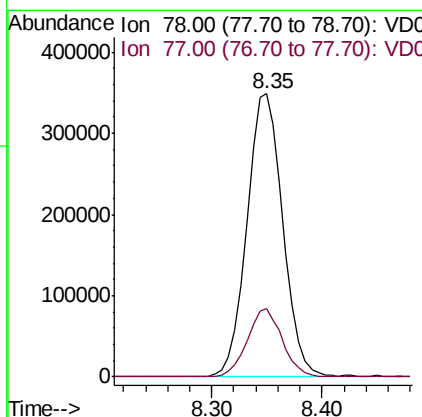
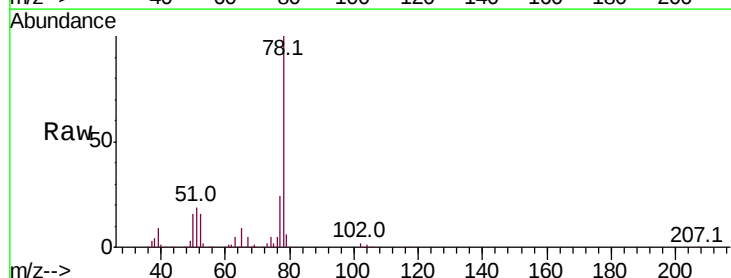
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

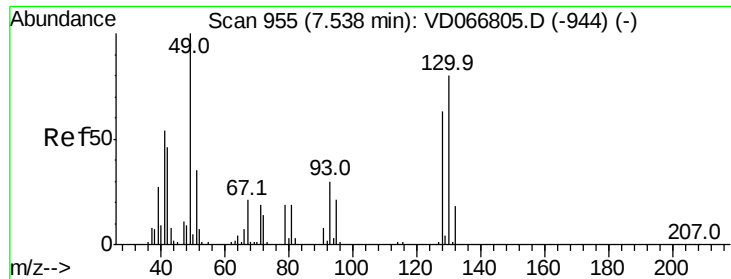
Tot Ion: 83 Resp: 113747
Ion Ratio Lower Upper
83 100
55 76.4 57.7 86.5
98 50.0 38.4 57.6



#40
Benzene
Concen: 50.358 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 78 Resp: 793719
Ion Ratio Lower Upper
78 100
77 24.3 19.9 29.9

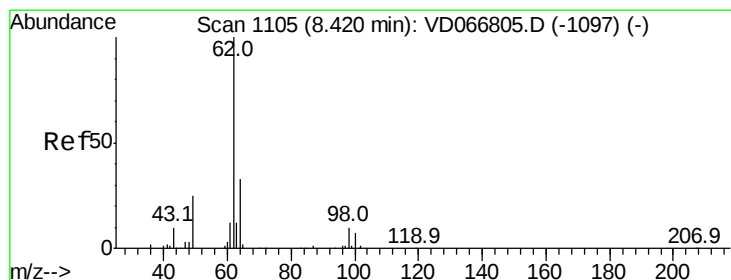
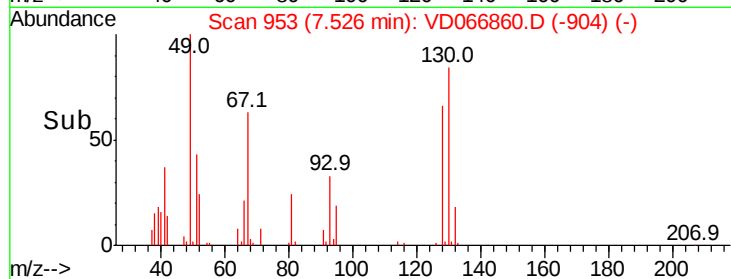
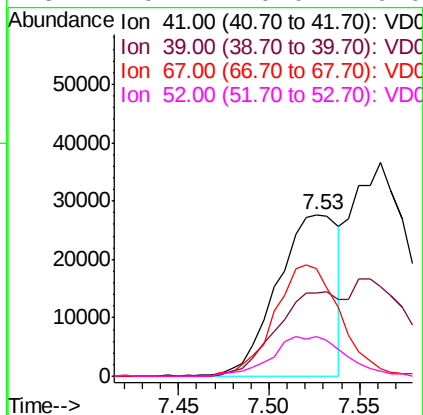
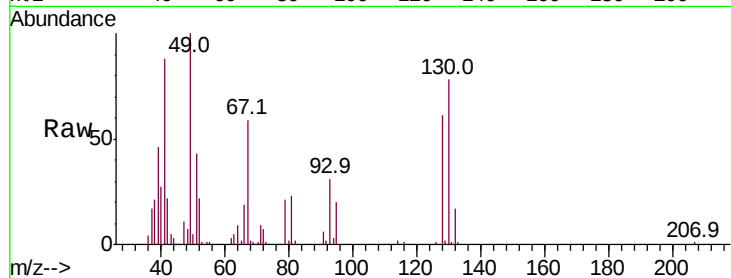




#41
Methacrylonitrile
Concen: 51.996 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

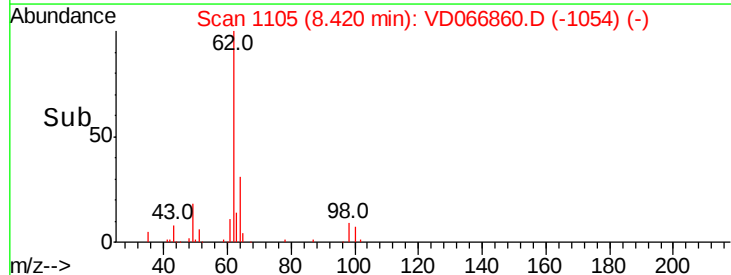
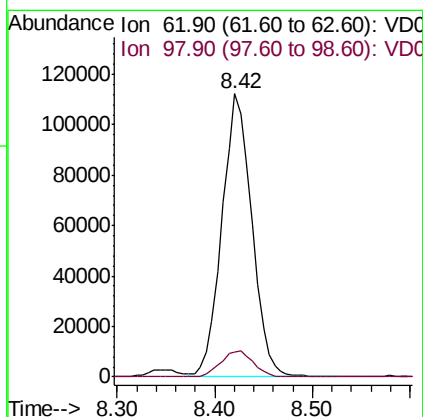
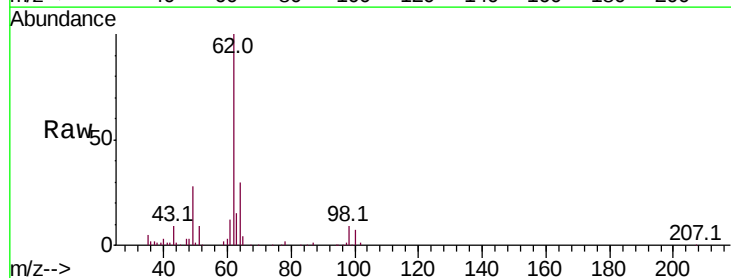
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

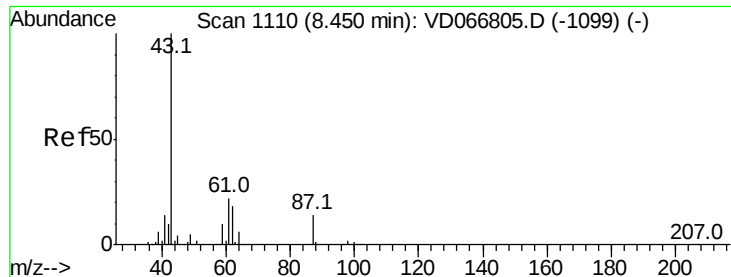
Tot Ion: 41 Resp: 65374
Ion Ratio Lower Upper
41 100
39 59.8 0.0 0.0#
67 74.6 0.0 0.0#
52 29.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 50.979 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 62 Resp: 237535
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 49.507 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

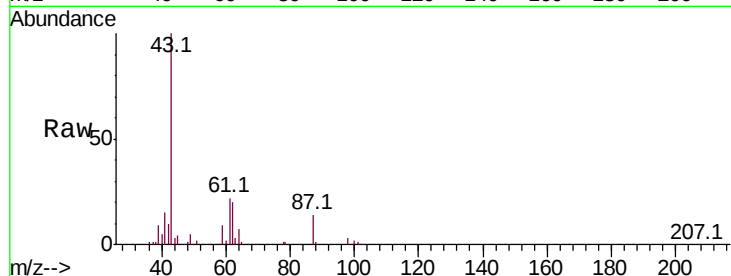
Tot Ion: 43 Resp: 195138

Ion Ratio Lower Upper

43 100

61 34.5 26.2 39.4

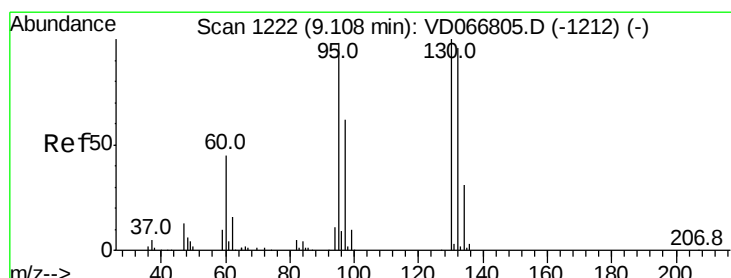
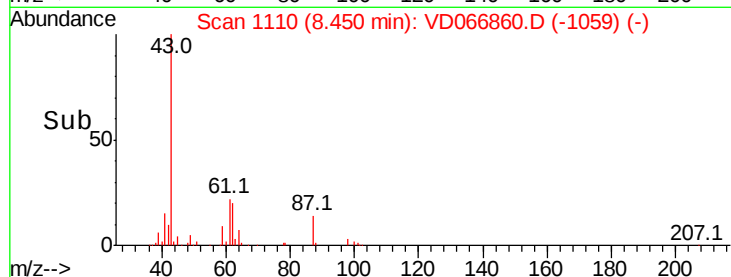
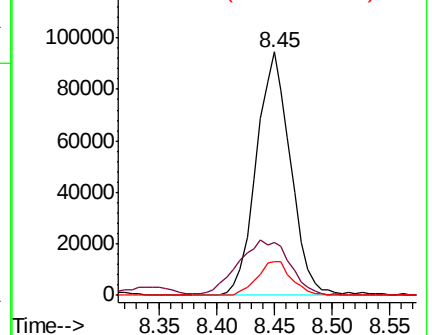
87 14.2 11.5 17.3



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: 44.395 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066860.D

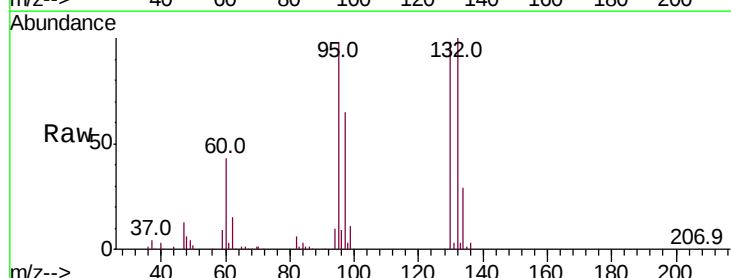
Acq: 24 Sep 2020 19:23

Tgt Ion:130 Resp: 199446

Ion Ratio Lower Upper

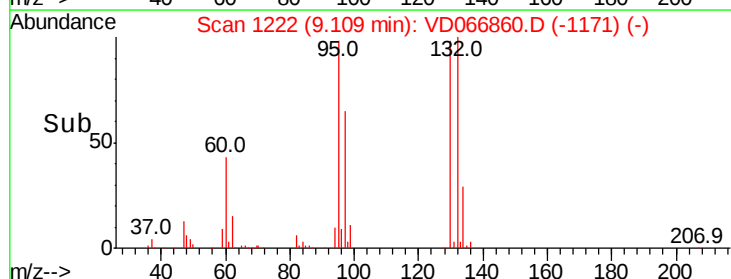
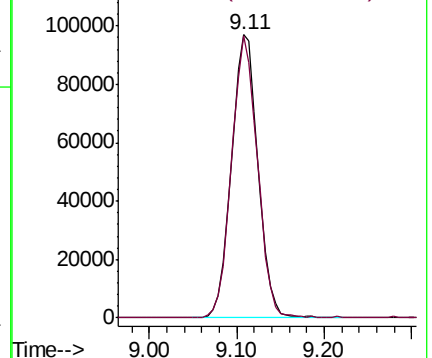
130 100

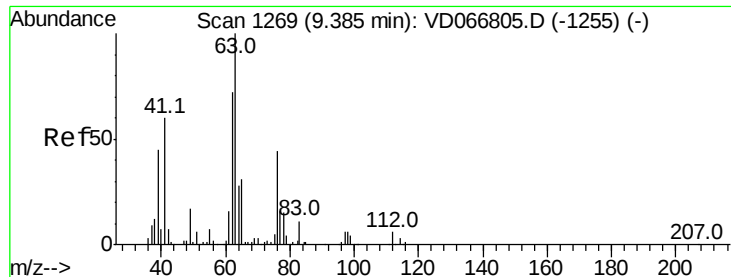
95 99.5 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 50.762 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

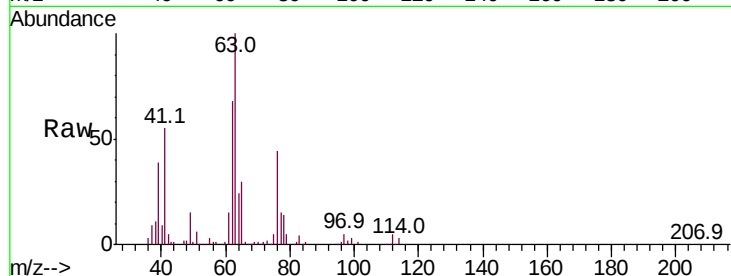
B-2(4-5)MSD

Tot Ion: 63 Resp: 201301

Ion Ratio Lower Upper

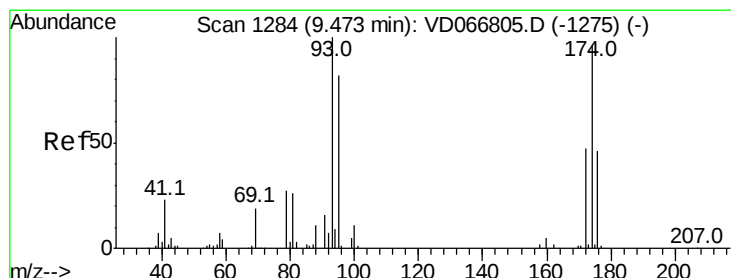
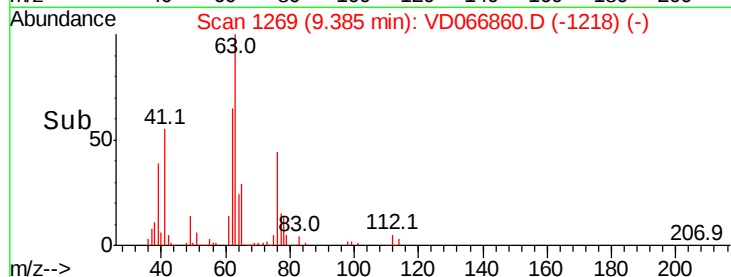
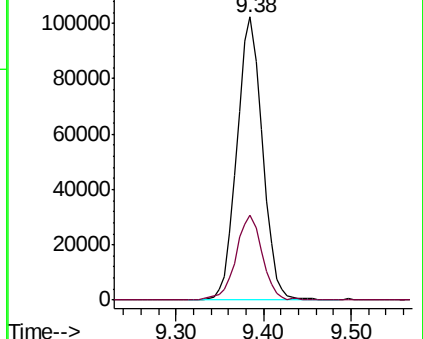
63 100

65 30.0 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 49.969 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

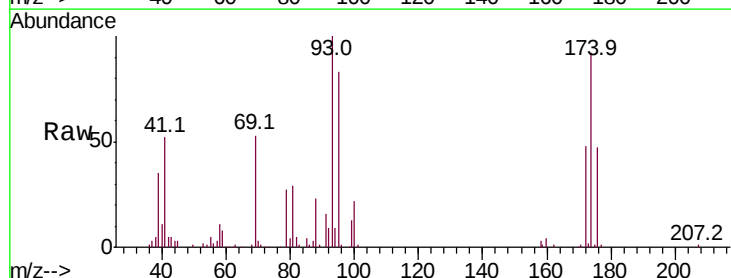
Tgt Ion: 93 Resp: 107664

Ion Ratio Lower Upper

93 100

95 85.4 65.3 97.9

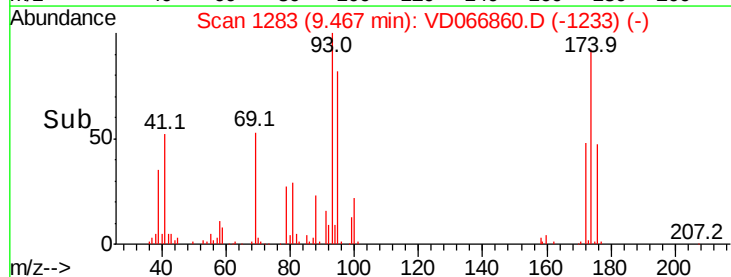
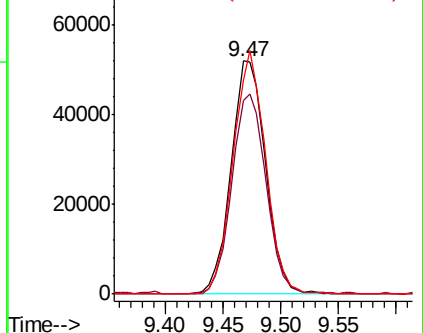
174 98.5 75.4 113.2

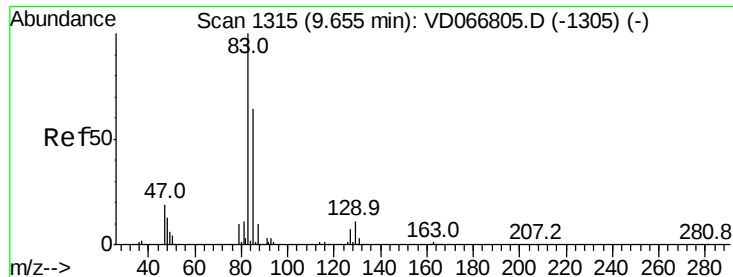


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.878 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

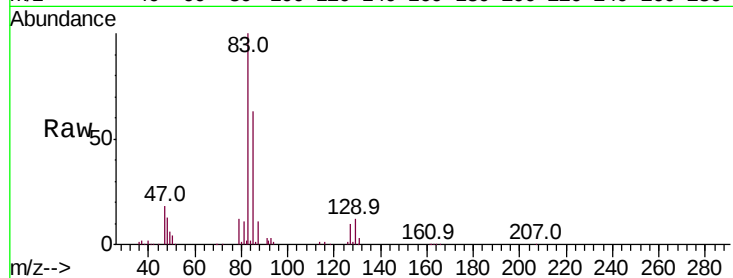
Tot Ion: 83 Resp: 282904

Ion Ratio Lower Upper

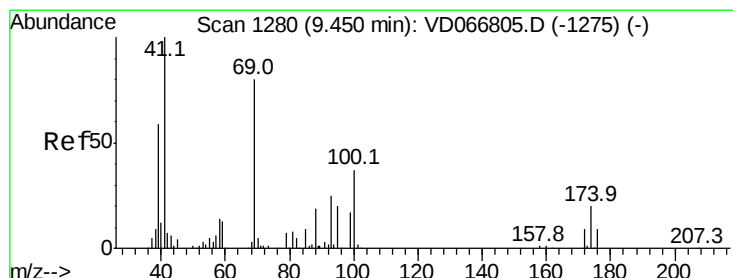
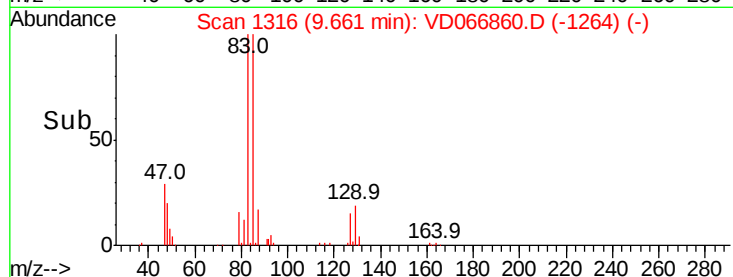
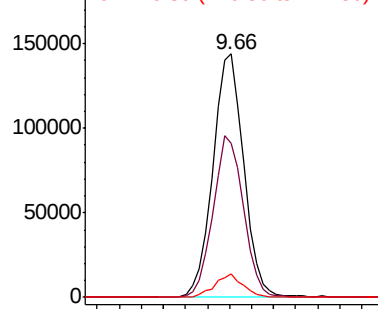
83 100

85 63.2 50.9 76.3

127 9.6 5.9 8.9#



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: 55.865 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. 0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

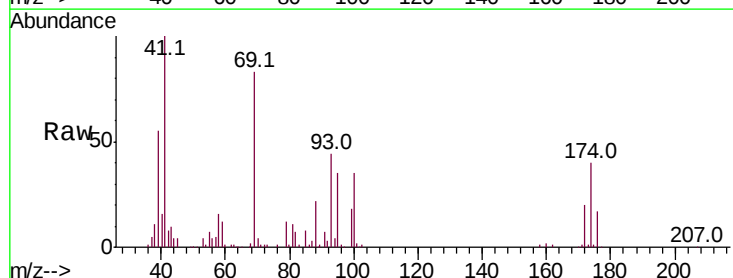
Tgt Ion: 41 Resp: 108567

Ion Ratio Lower Upper

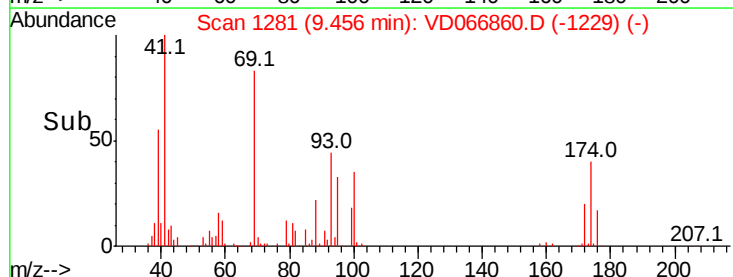
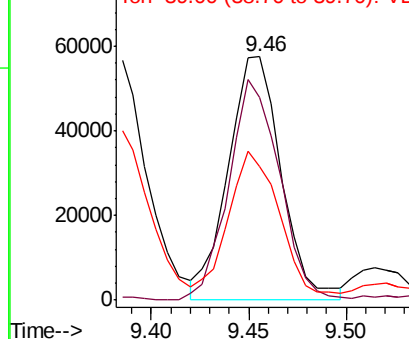
41 100

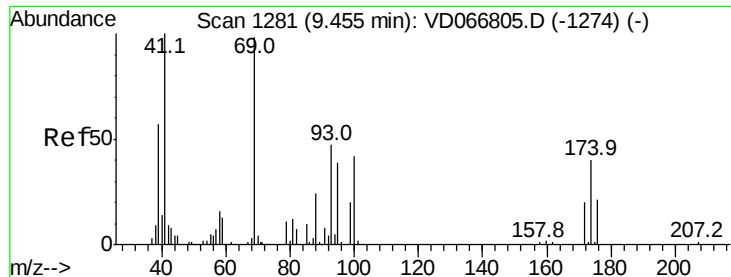
69 86.7 74.5 111.7

39 60.8 47.0 70.6



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

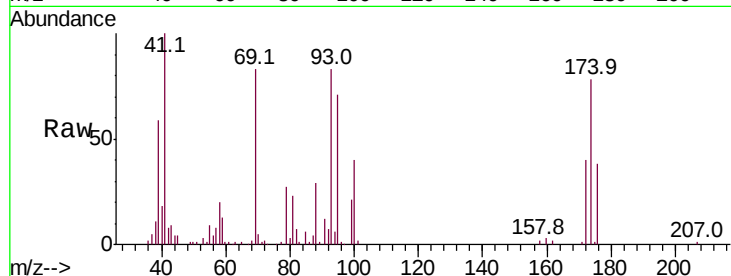




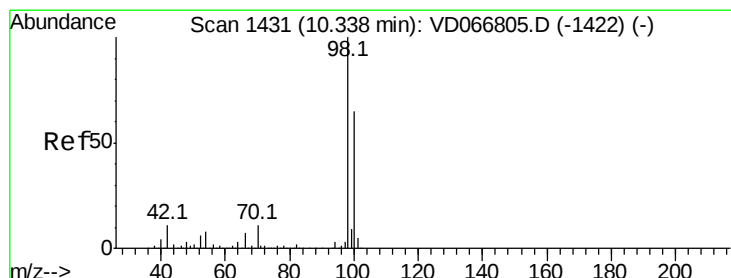
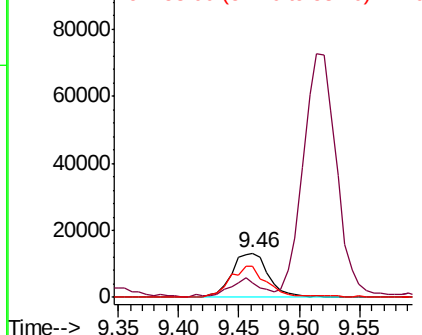
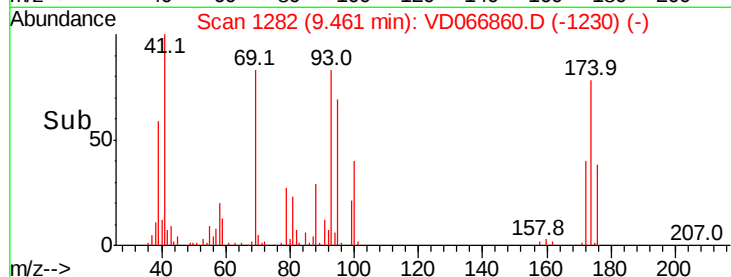
#49
1,4-Dioxane
Concen: 1173.700 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion: 88 Resp: 28238
Ion Ratio Lower Upper
88 100
43 33.2 27.7 41.5
58 69.0 55.5 83.3

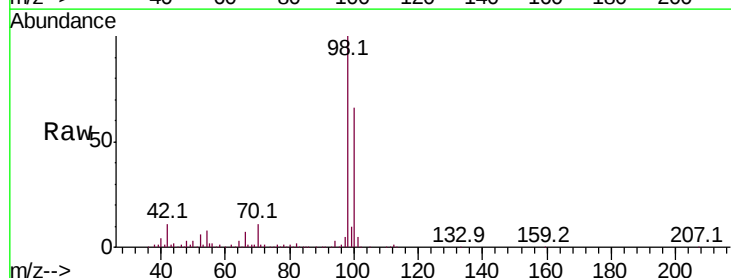


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

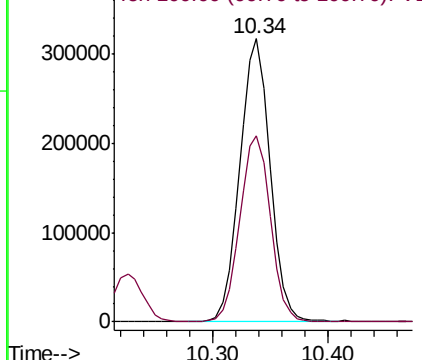
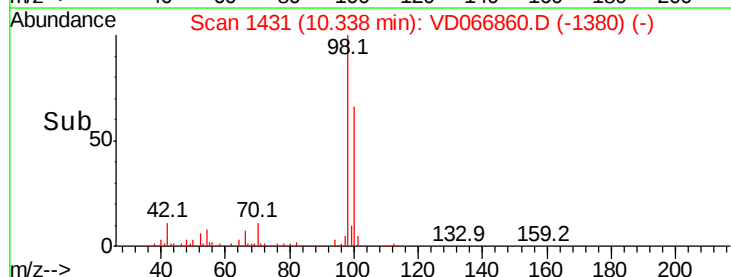


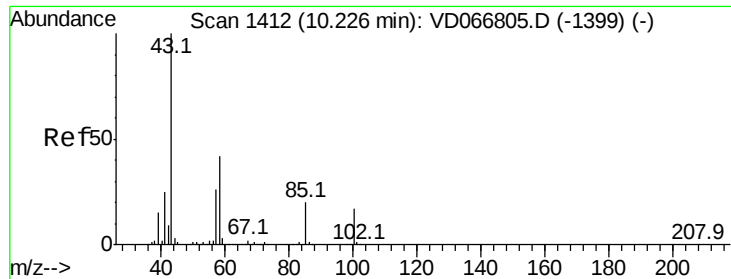
#50
Toluene-d8
Concen: 46.859 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 98 Resp: 579028
Ion Ratio Lower Upper
98 100
100 66.0 52.2 78.2



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

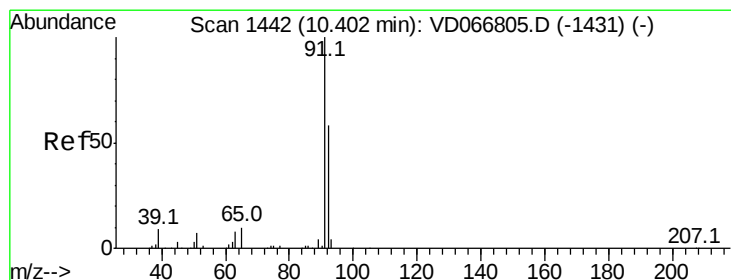
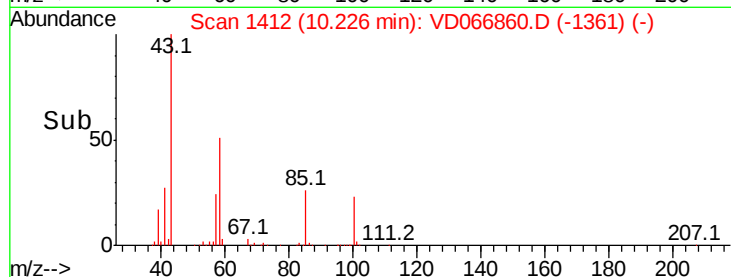
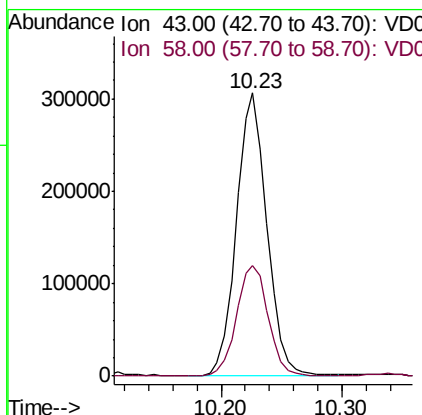
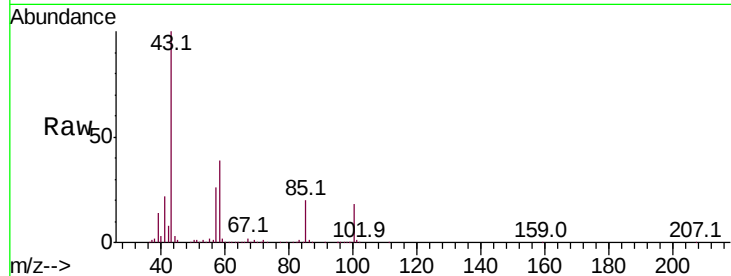




#51
 4-Methyl-2-Pentanone
 Concen: 269.435 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

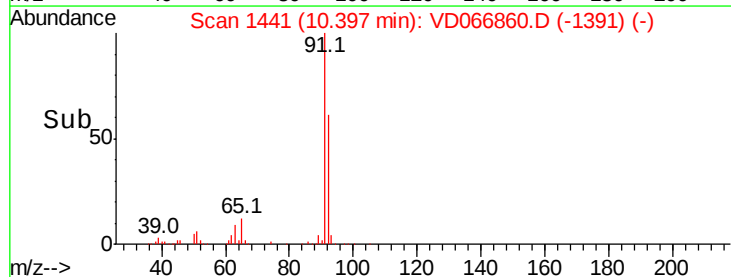
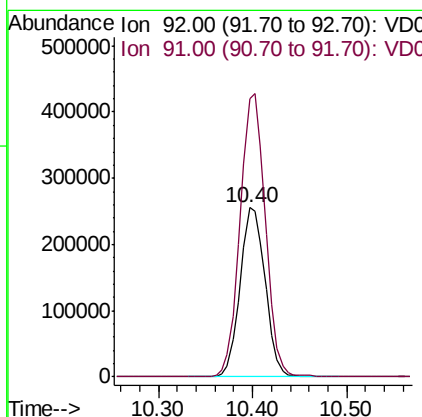
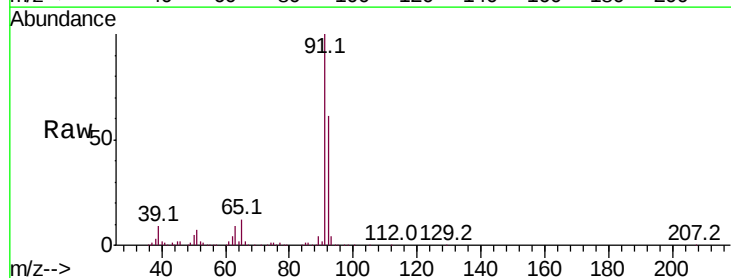
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

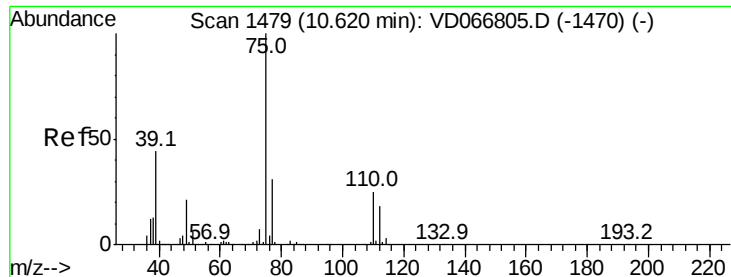
Tot Ion: 43 Resp: 538127
 Ion Ratio Lower Upper
 43 100
 58 40.5 32.2 48.4



#52
 Toluene
 Concen: 46.571 ug/l
 RT: 10.40 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion: 92 Resp: 472811
 Ion Ratio Lower Upper
 92 100
 91 169.3 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 50.678 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

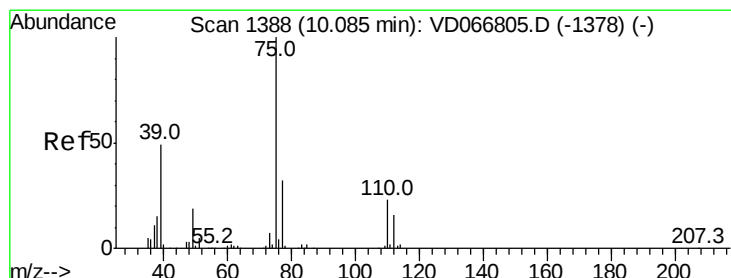
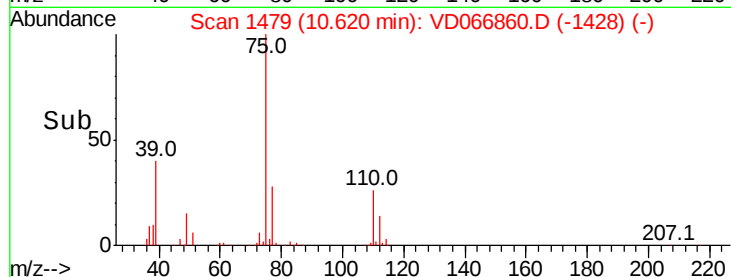
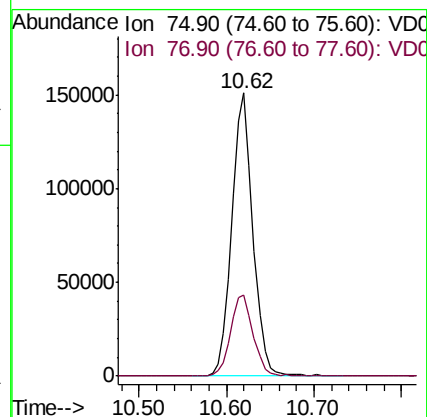
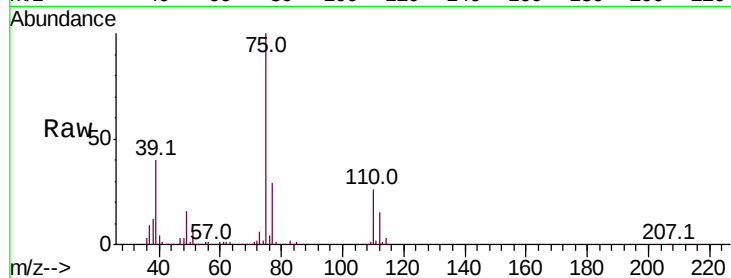
B-2(4-5)MSD

Tot Ion: 75 Resp: 249656

Ion Ratio Lower Upper

75 100

77 28.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 50.617 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

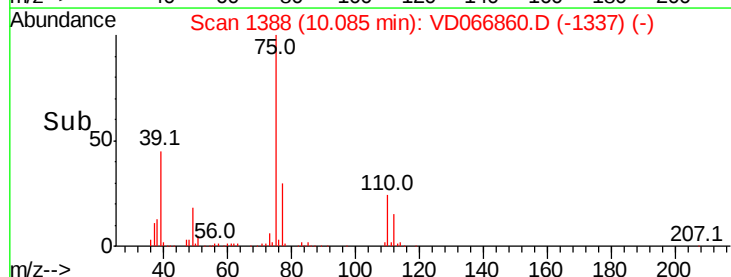
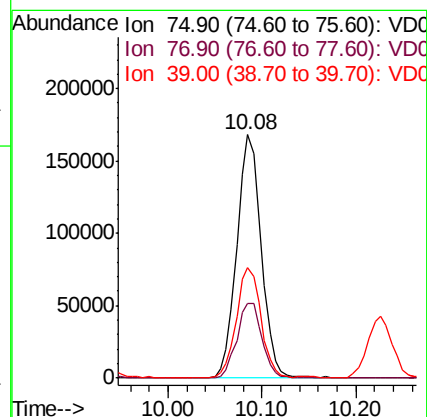
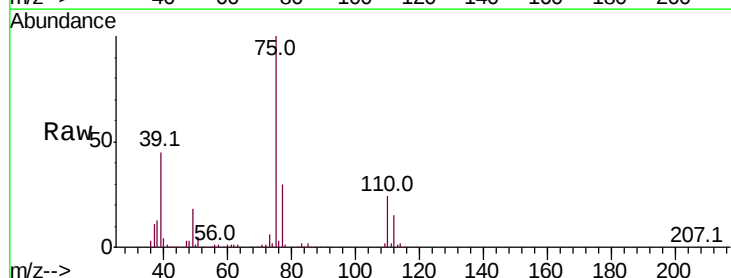
Tgt Ion: 75 Resp: 304050

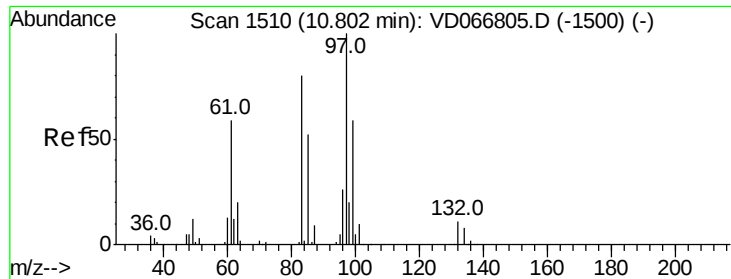
Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

39 45.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 52.830 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

Tot Ion: 97 Resp: 156480

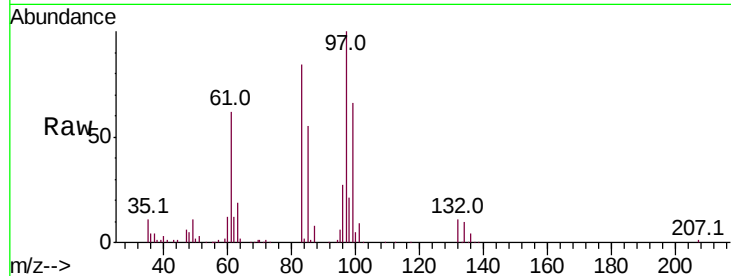
Ion Ratio Lower Upper

97 100

83 84.1 64.2 96.2

85 55.1 41.9 62.9

99 66.0 47.5 71.3

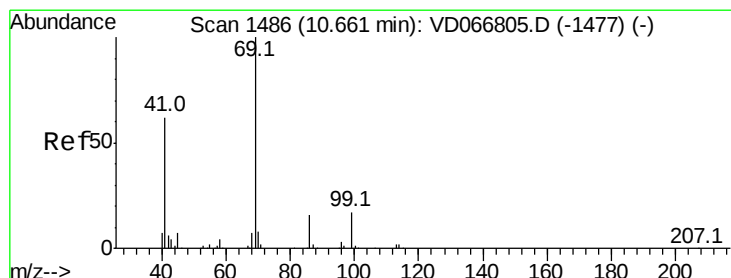
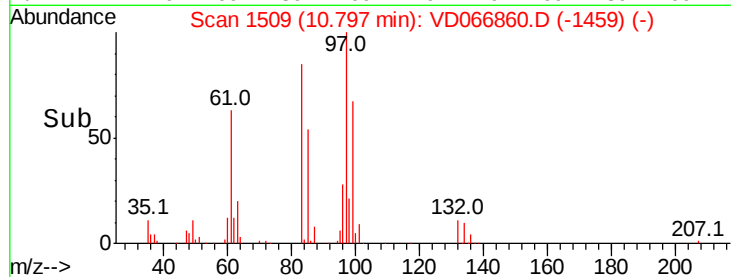
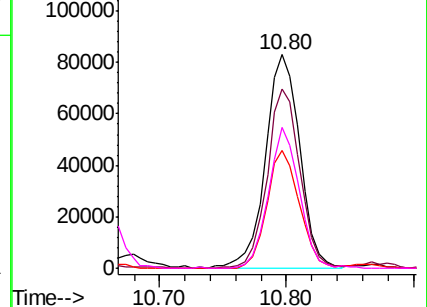


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 55.419 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

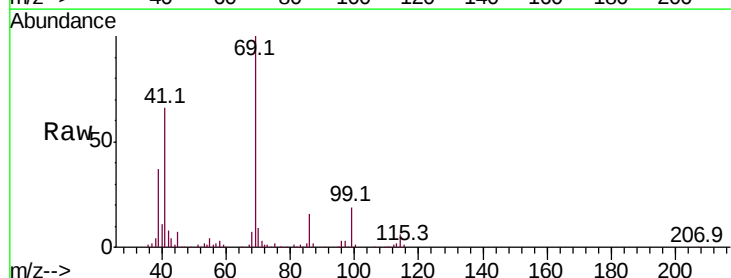
Tgt Ion: 69 Resp: 175849

Ion Ratio Lower Upper

69 100

41 65.7 52.2 78.2

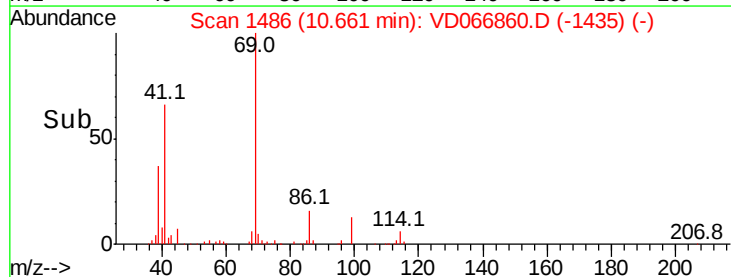
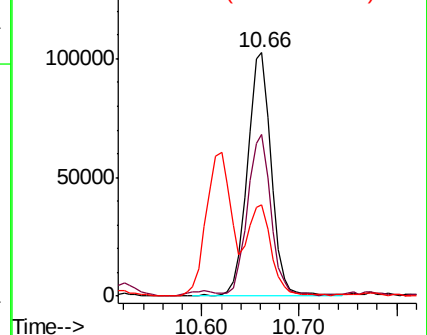
39 36.9 26.6 40.0

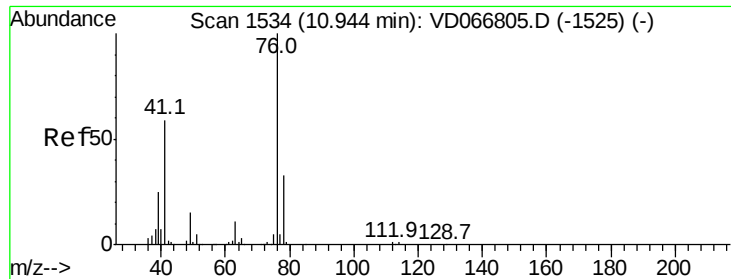


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 51.192 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

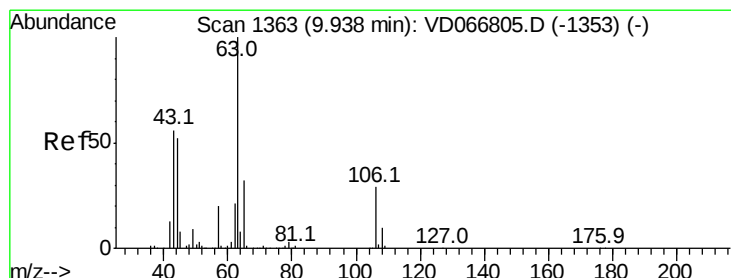
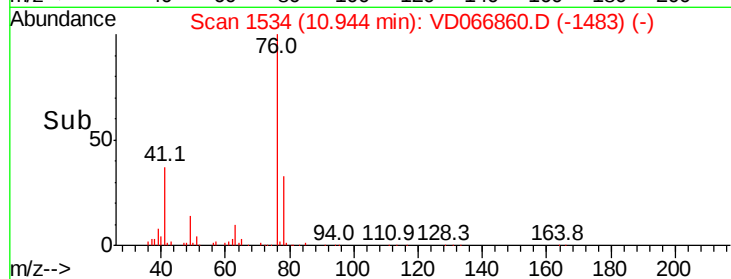
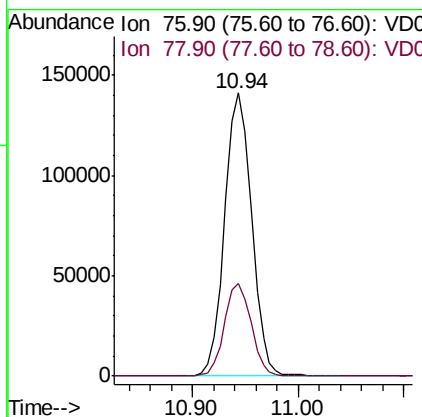
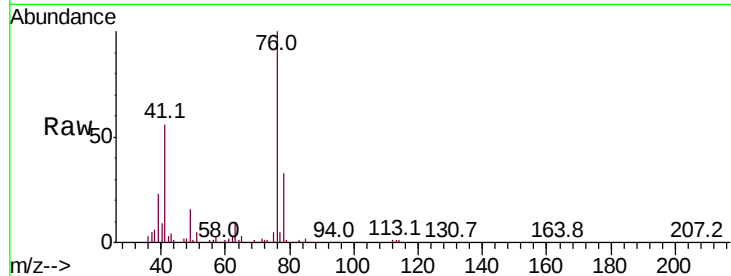
Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion: 76 Resp: 250376

Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 253.651 ug/l

RT: 9.94 min Scan# 1363

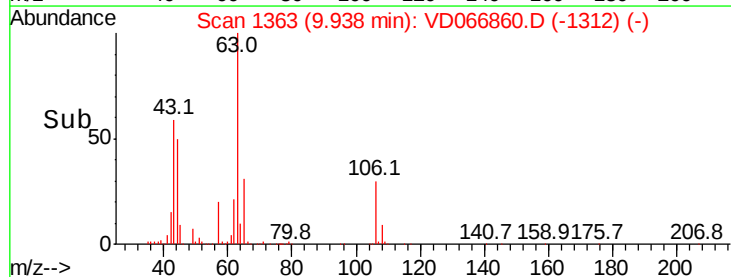
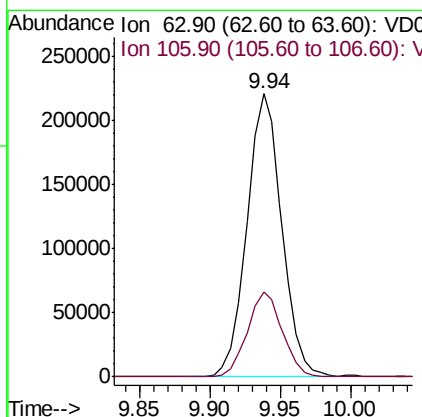
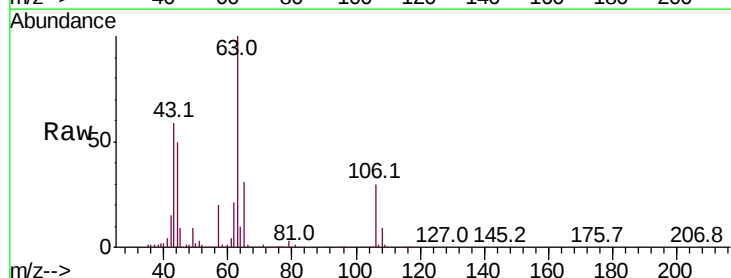
Delta R.T. 0.00 min

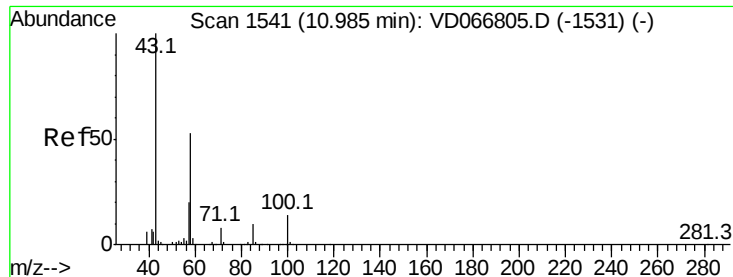
Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Tgt Ion: 63 Resp: 381097

Ion	Ratio	Lower	Upper
63	100		
106	30.4	23.8	35.6

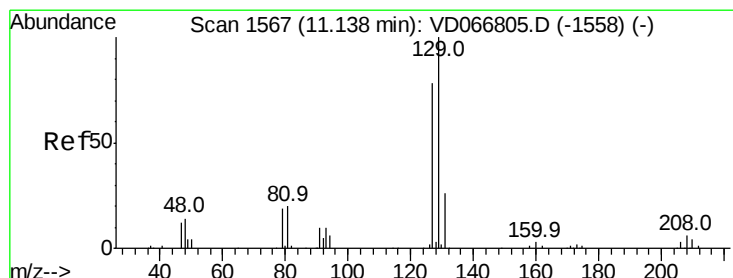
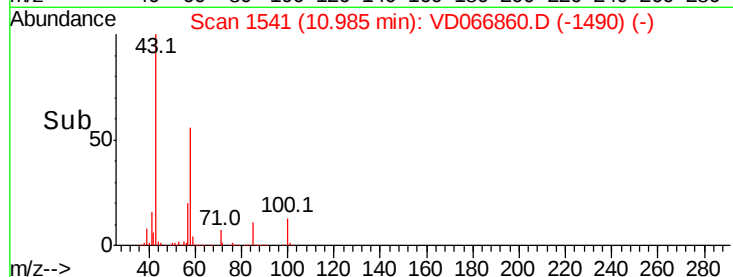
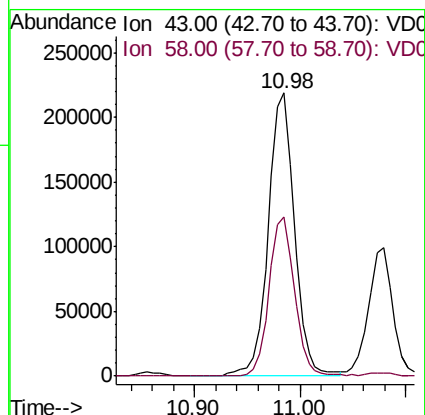
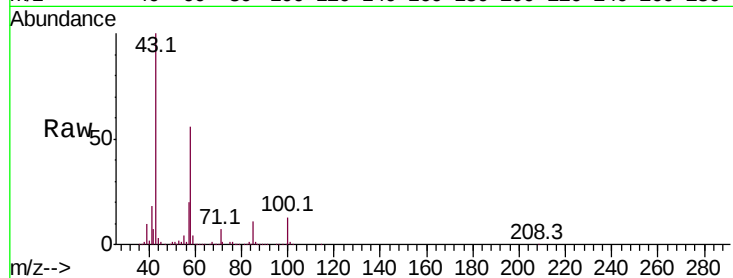




#59
2-Hexanone
Concen: 278.766 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

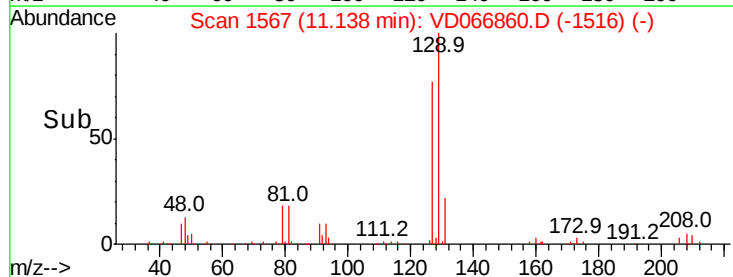
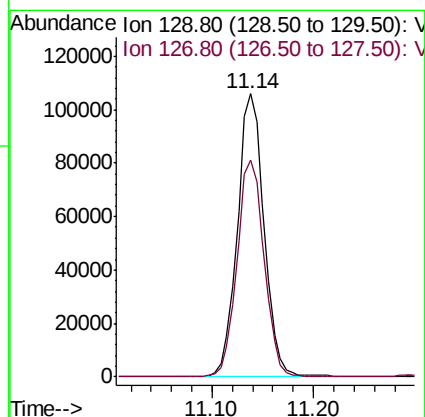
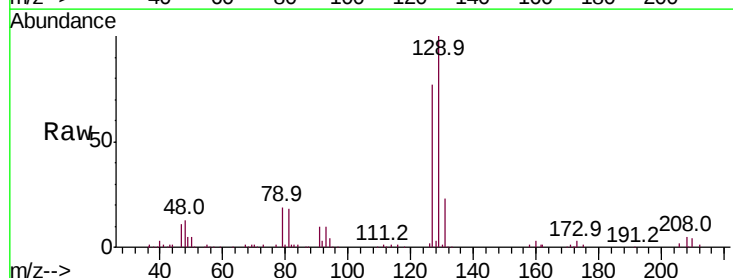
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

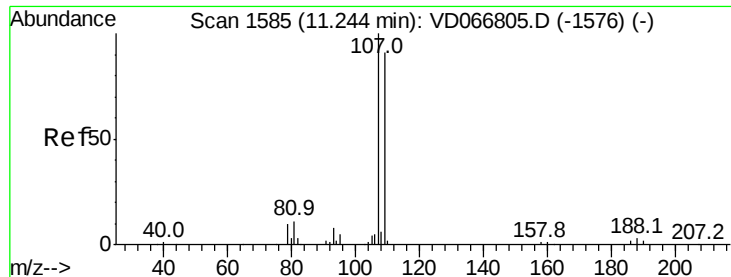
Tot Ion: 43 Resp: 375468
Ion Ratio Lower Upper
43 100
58 54.5 27.0 80.8



#60
Dibromochloromethane
Concen: 49.899 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 129 Resp: 192897
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

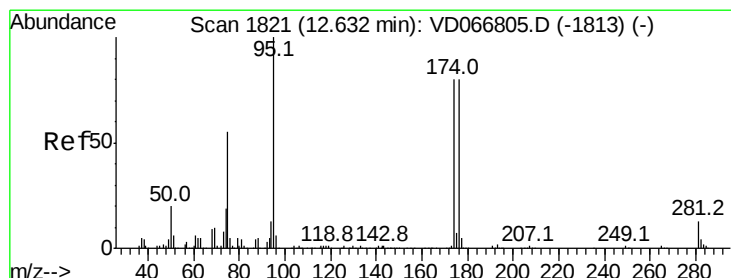
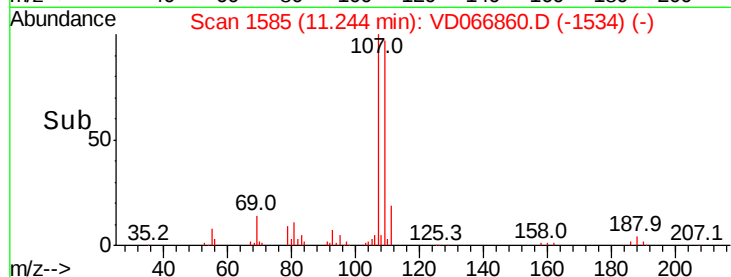
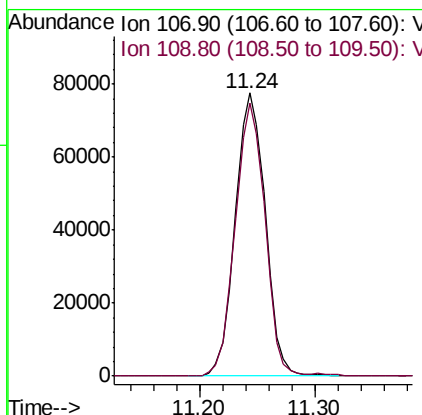
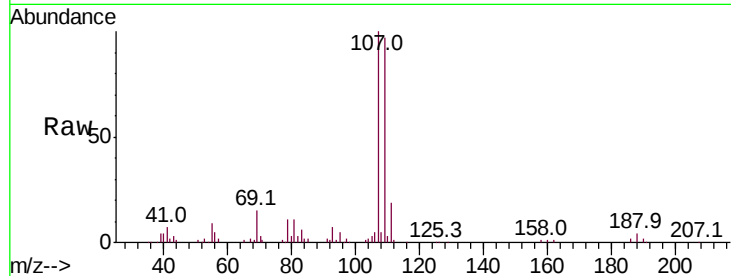




#61
 1,2-Dibromoethane
 Concen: 50.809 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

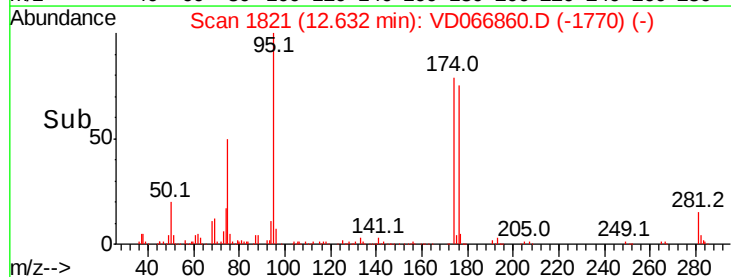
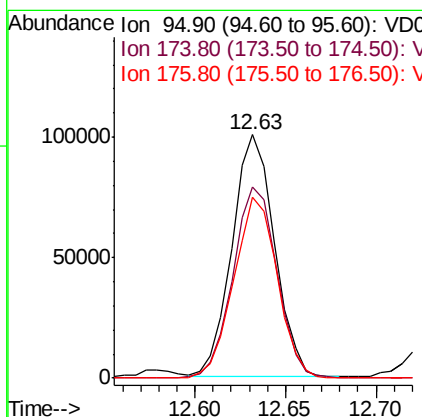
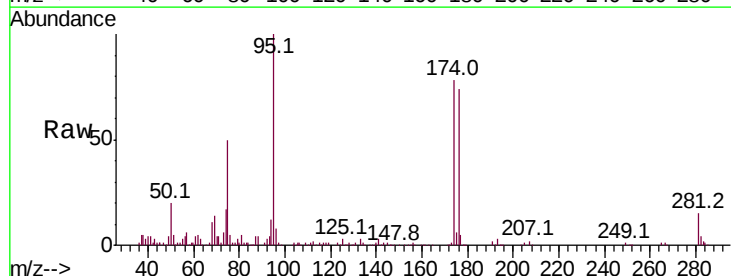
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

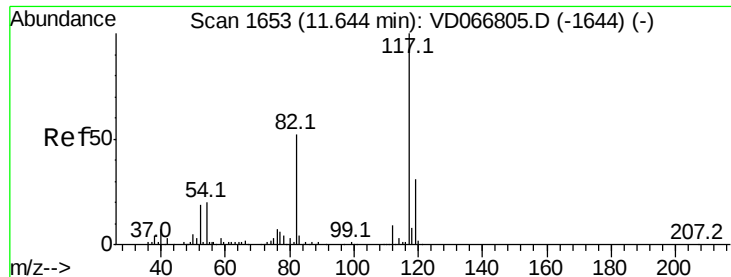
Tot Ion:107 Resp: 139978
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 38.663 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion: 95 Resp: 163550
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 159.8
 176 76.5 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

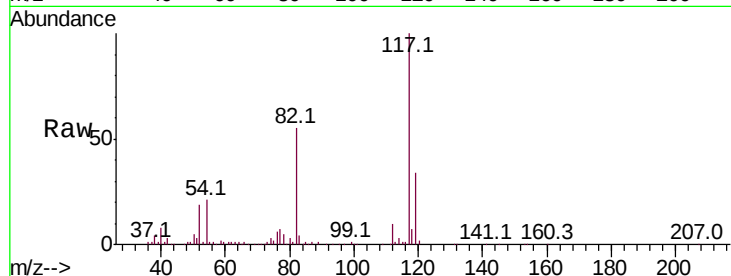
Tot Ion:117 Resp: 455677

Ion Ratio Lower Upper

117 100

82 55.3 41.8 62.6

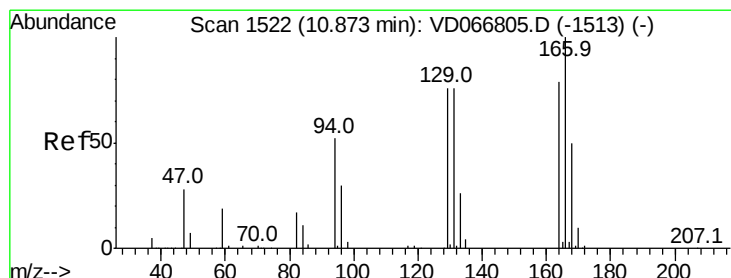
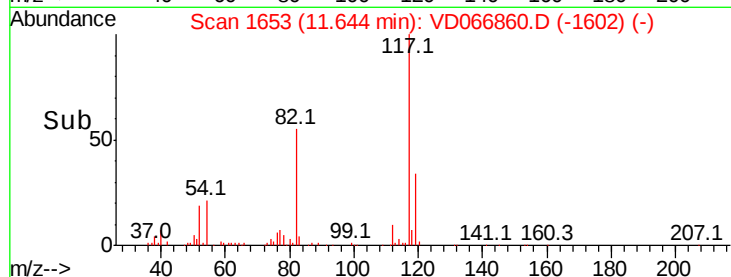
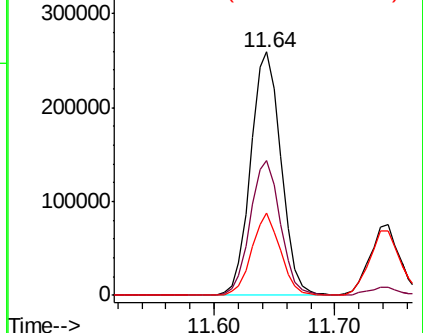
119 33.6 24.6 37.0



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: 42.612 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Tgt Ion:164 Resp: 139670

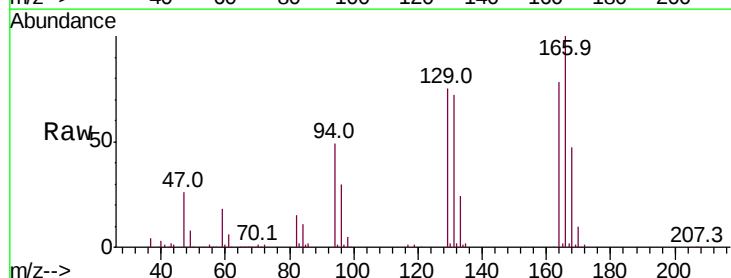
Ion Ratio Lower Upper

164 100

166 128.8 101.1 151.7

129 96.1 77.0 115.4

131 92.6 76.6 115.0

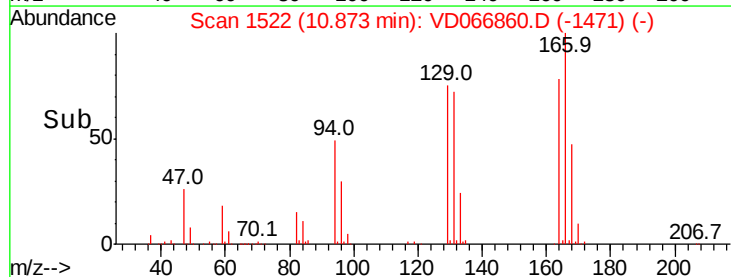
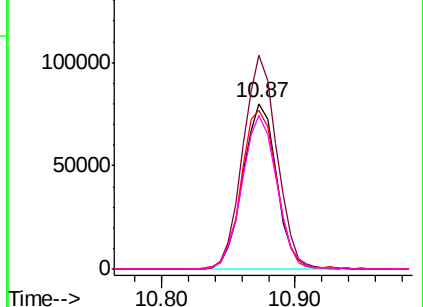


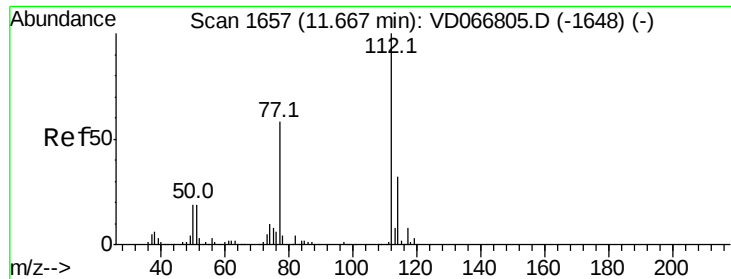
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

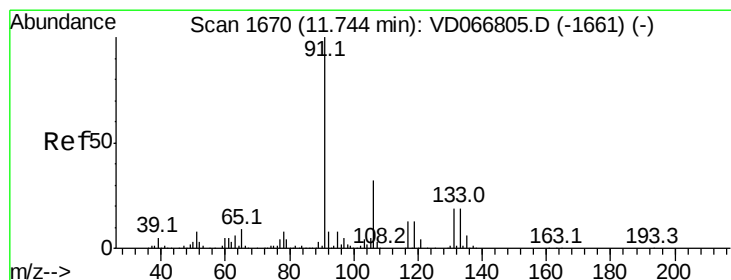
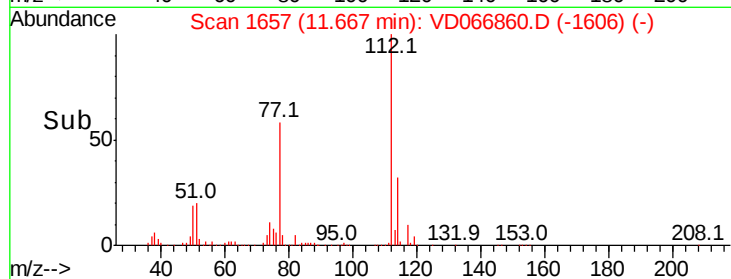
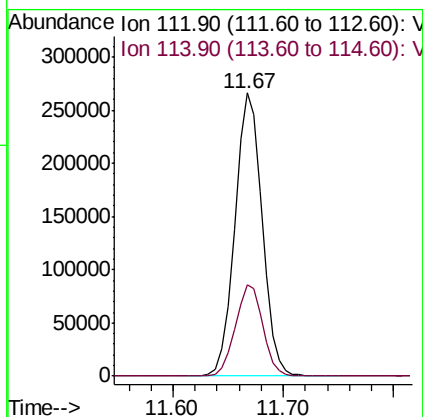
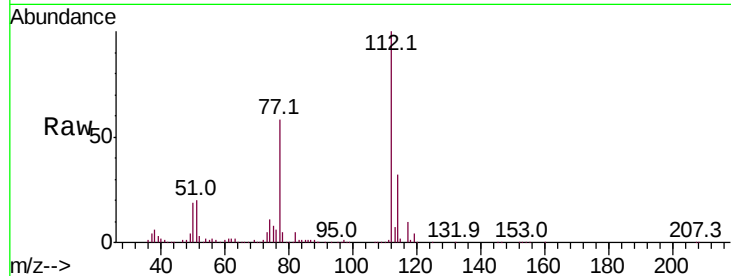




#65
Chlorobenzene
Concen: 48.529 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

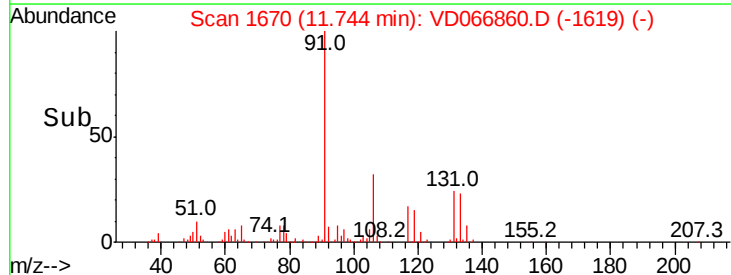
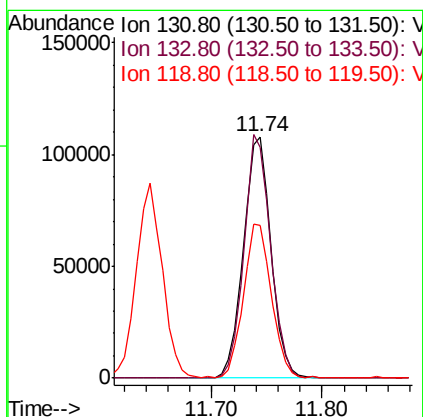
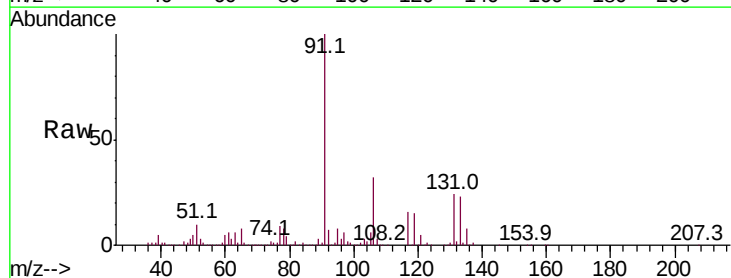
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

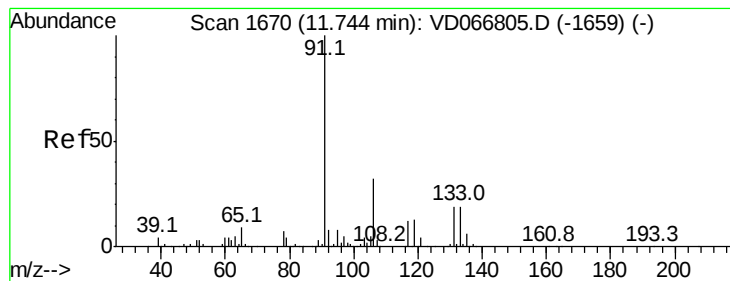
Tot Ion:112 Resp: 460308
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.955 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion:131 Resp: 190105
Ion Ratio Lower Upper
131 100
133 97.2 46.7 140.1
119 64.9 32.3 96.9





#67

Ethyl Benzene

Concen: 44.806 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

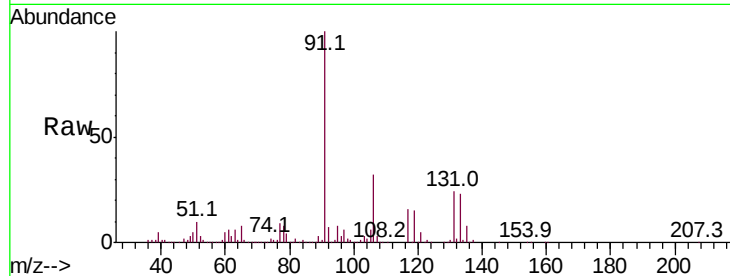
B-2(4-5)MSD

Tot Ion: 91 Resp: 746429

Ion Ratio Lower Upper

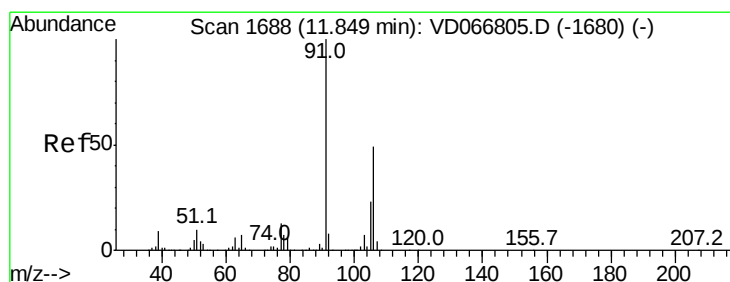
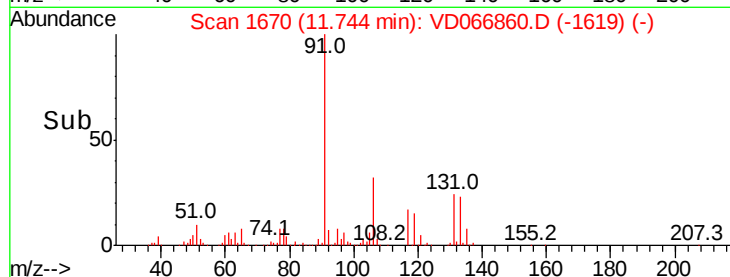
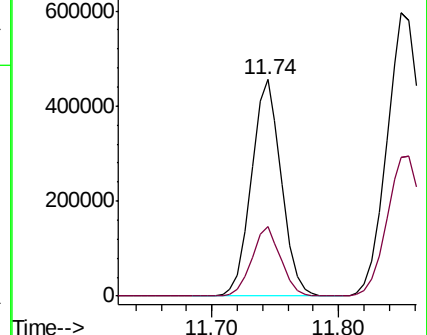
91 100

106 32.3 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 89.726 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.01 min

Lab File: VD066860.D

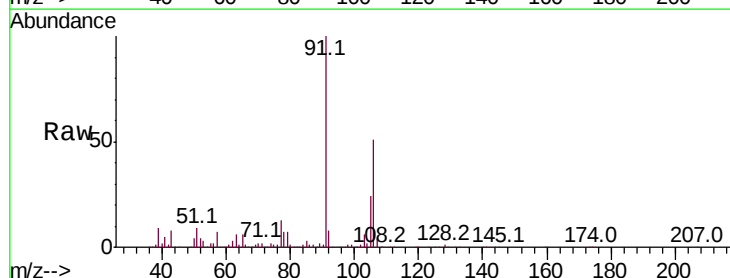
Acq: 24 Sep 2020 19:23

Tgt Ion:106 Resp: 565930

Ion Ratio Lower Upper

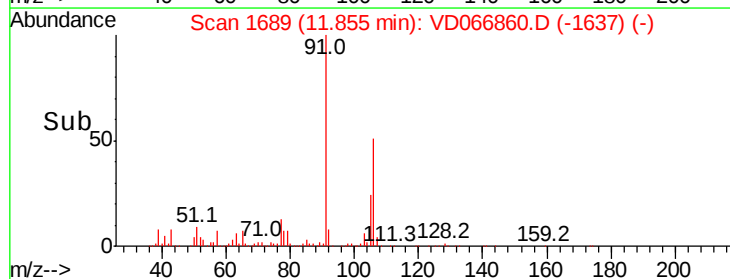
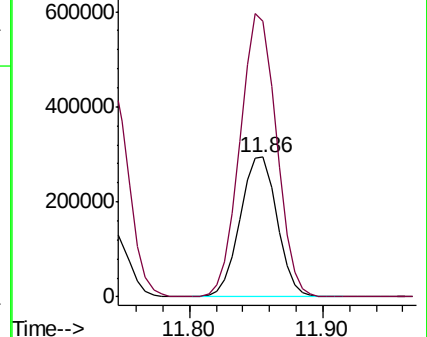
106 100

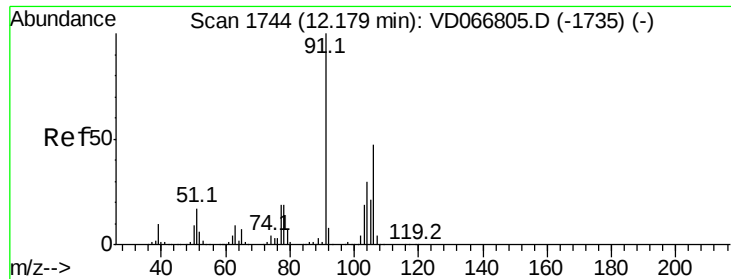
91 199.5 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

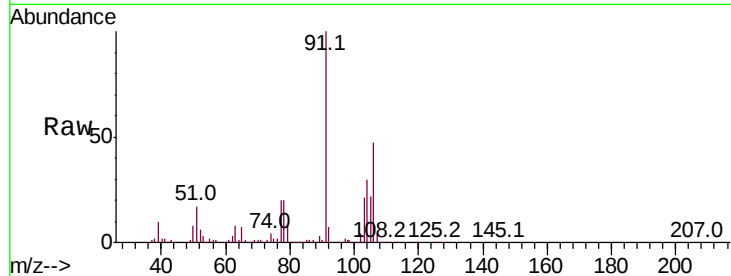




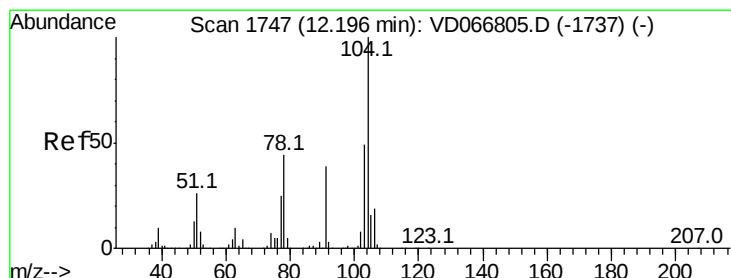
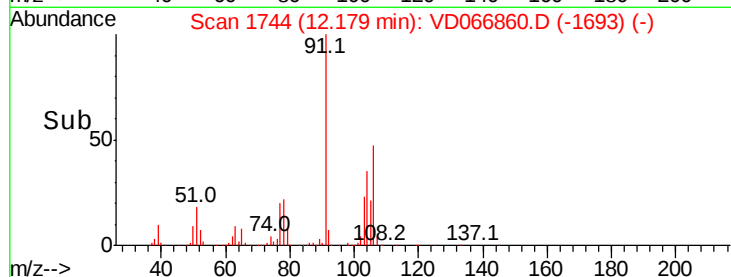
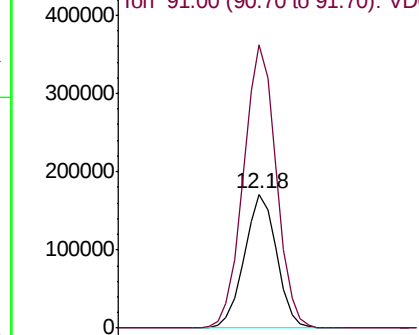
#69
o-Xylene
Concen: 47.933 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion:106 Resp: 273376
Ion Ratio Lower Upper
106 100
91 215.3 106.3 318.8

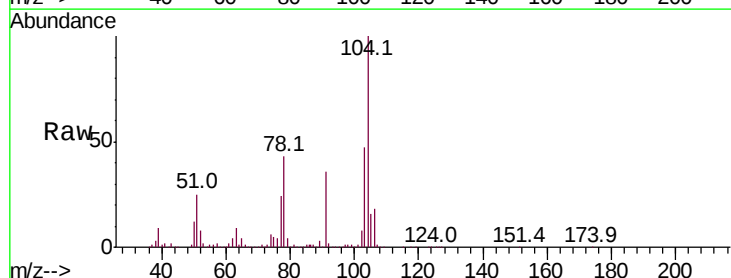


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

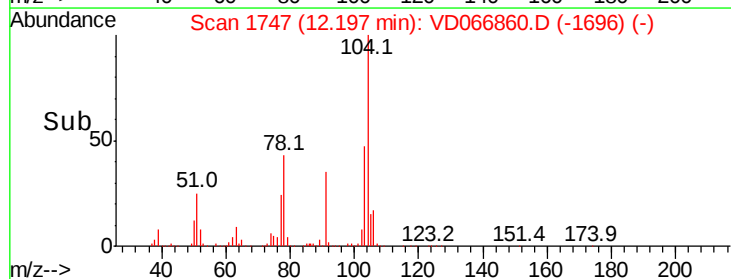
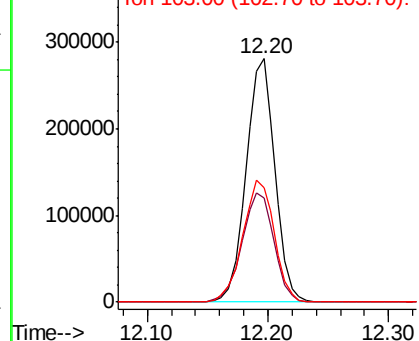


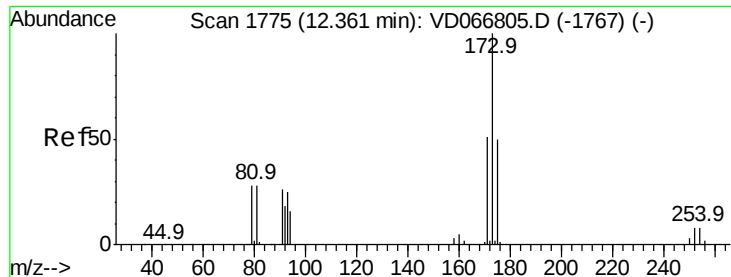
#70
Styrene
Concen: 47.213 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion:104 Resp: 467614
Ion Ratio Lower Upper
104 100
78 50.1 38.9 58.3
103 54.8 43.2 64.8



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

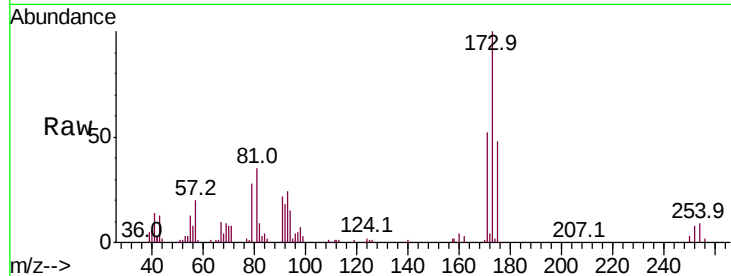




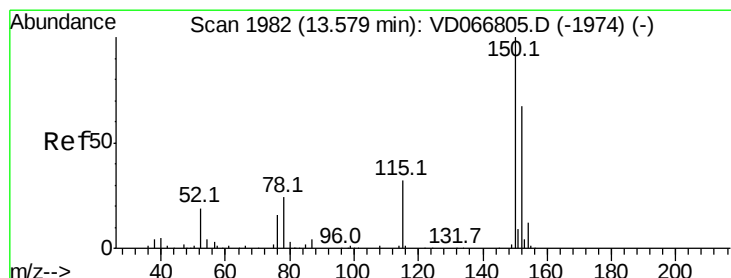
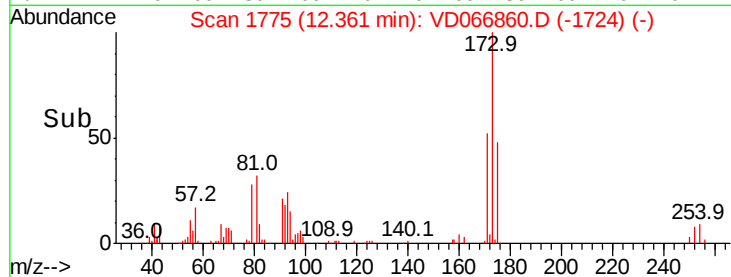
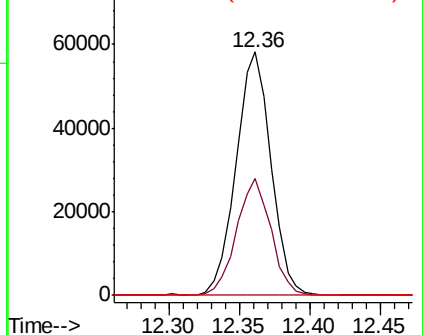
#71
Bromoform
Concen: 55.314 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.9	74.6
254	0.0	0.1	0.1#

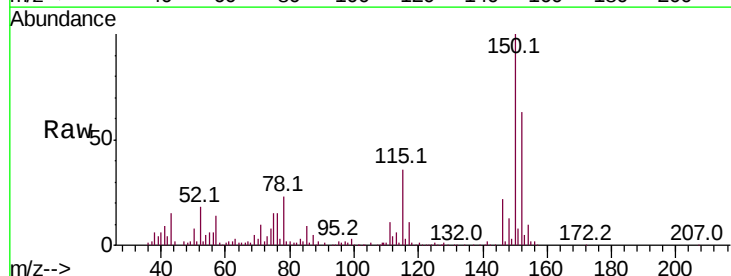


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

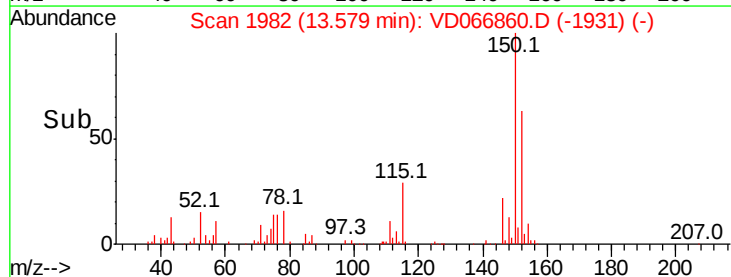
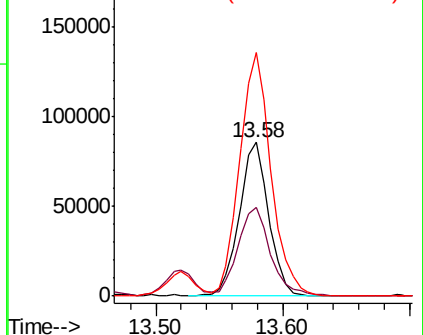


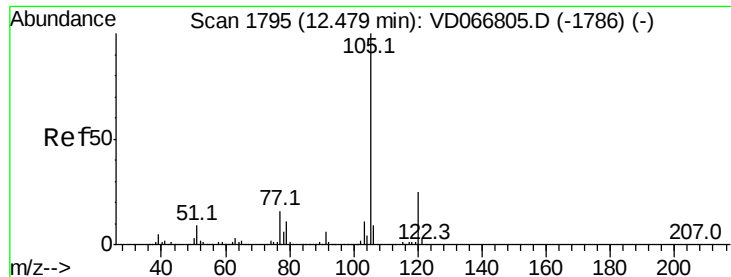
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.3	91.0
150	169.0	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.445 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

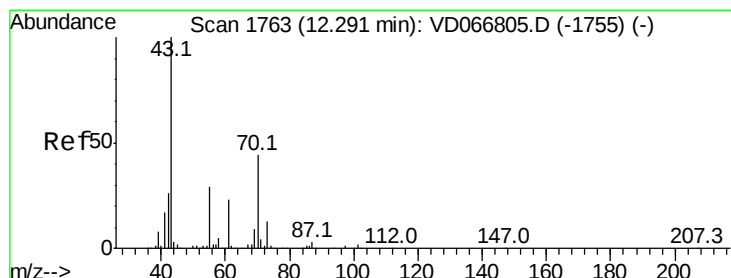
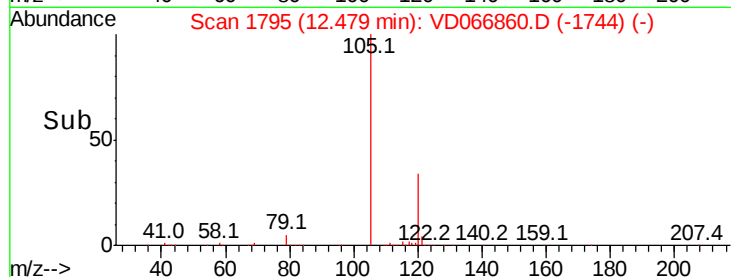
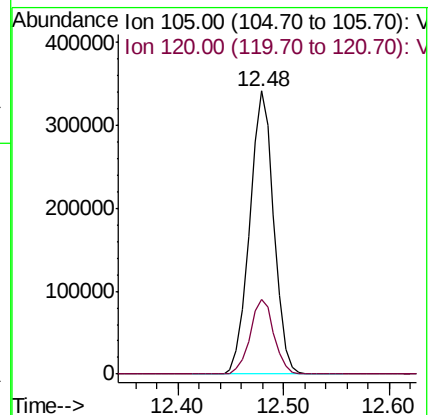
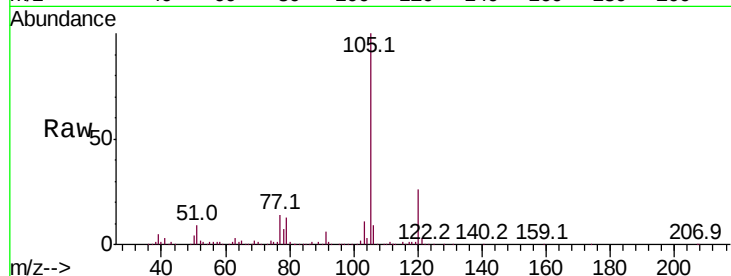
B-2(4-5)MSD

Tot Ion:105 Resp: 539953

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.6



#74

N-ethyl acetate

Concen: 95.716 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Tgt Ion: 43 Resp: 185375

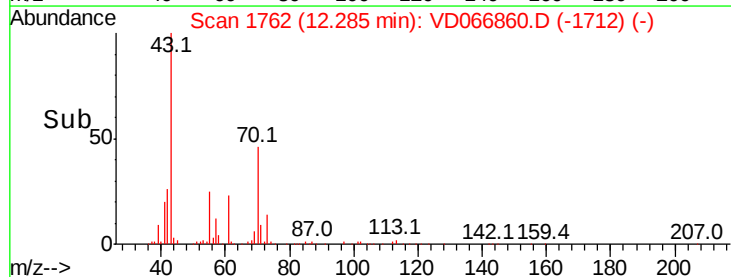
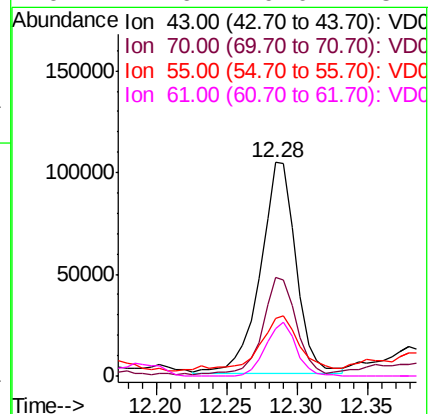
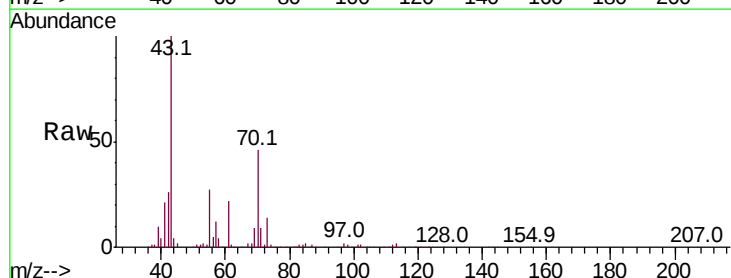
Ion Ratio Lower Upper

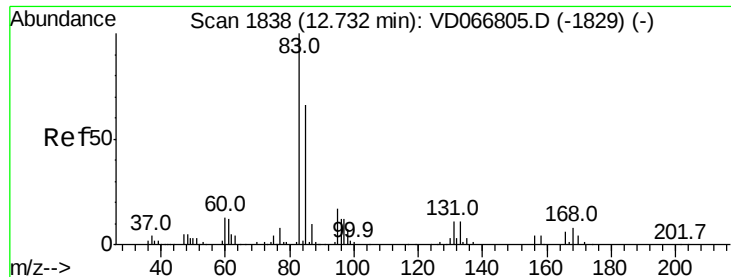
43 100

70 41.9 36.1 54.1

55 28.9 21.8 32.8

61 21.6 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 83.213 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

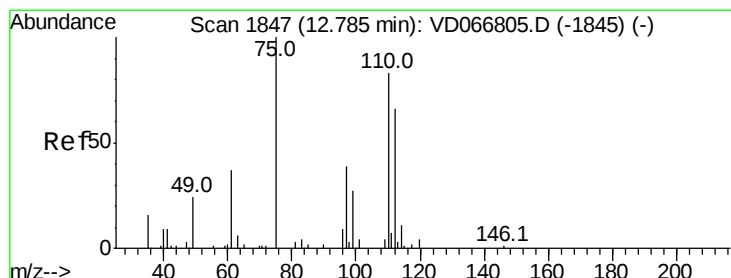
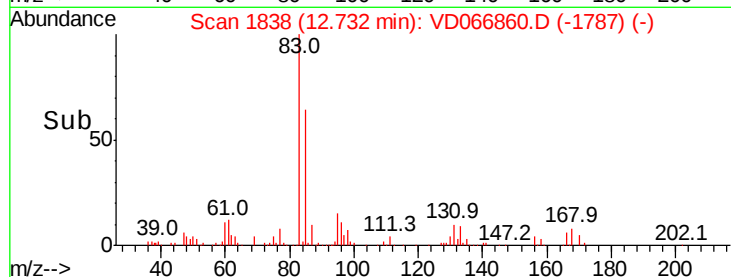
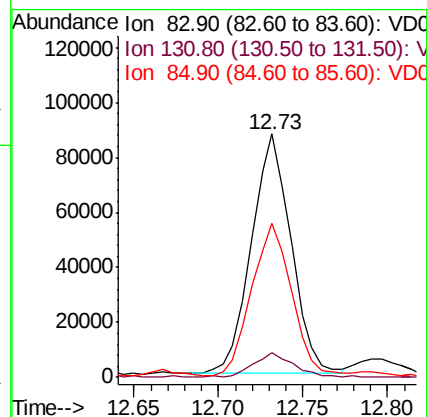
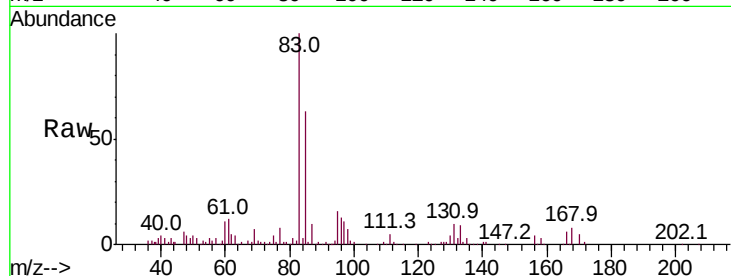
Tot Ion: 83 Resp: 142402

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.7

85 64.6 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 163.518 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066860.D

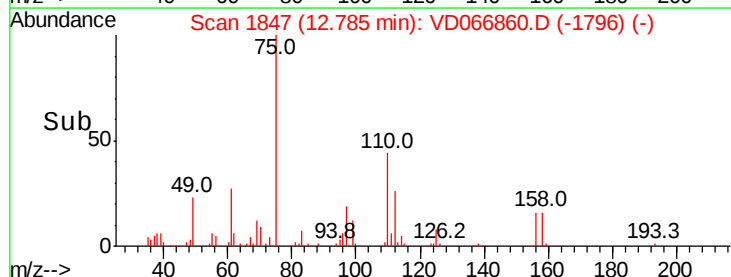
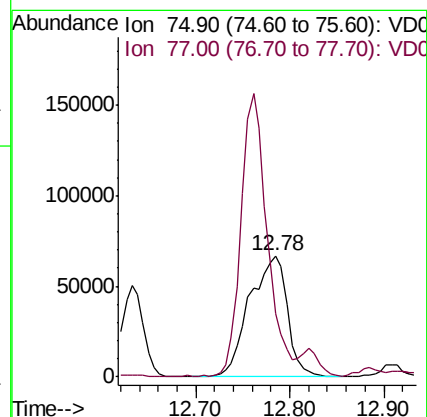
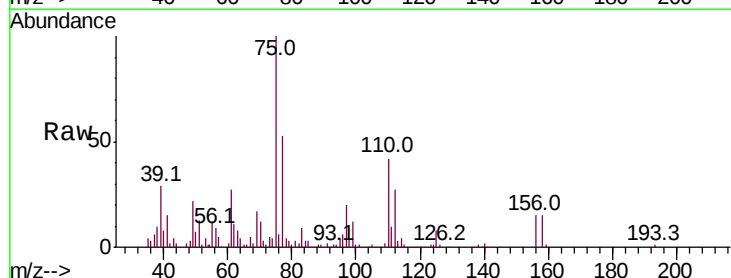
Acq: 24 Sep 2020 19:23

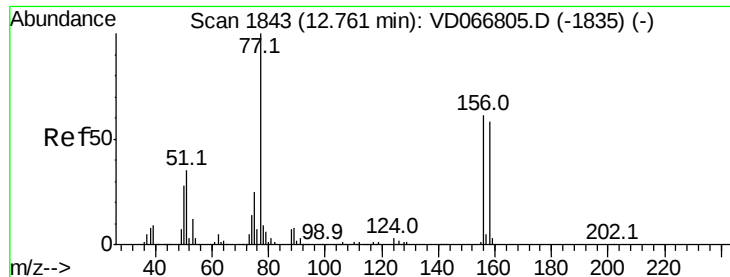
Tgt Ion: 75 Resp: 186034

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

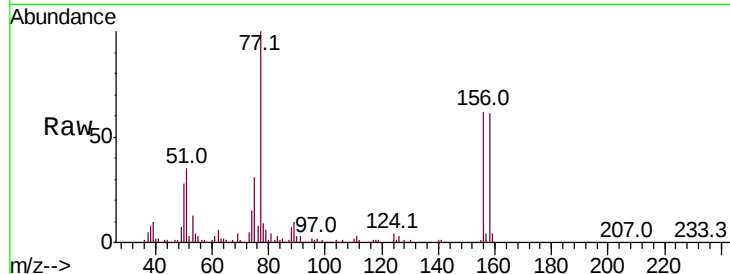




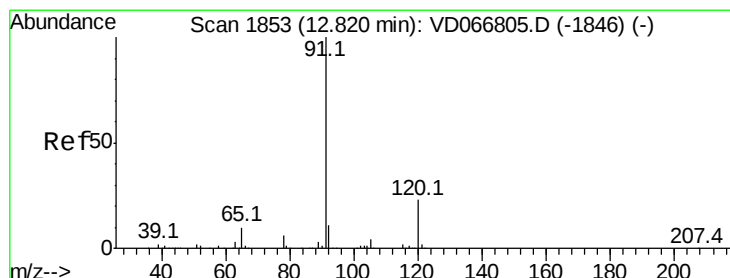
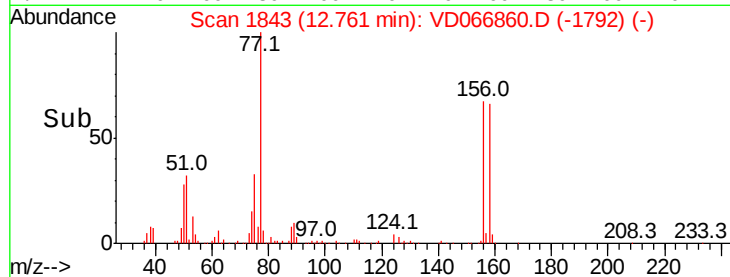
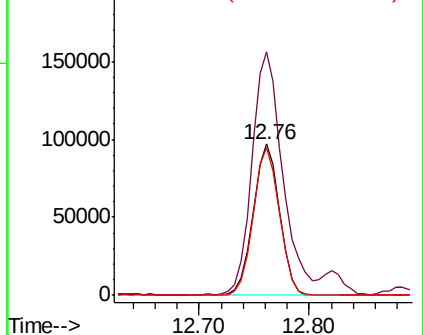
#77
Bromobenzene
Concen: 70.331 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion:156 Resp: 163130
Ion Ratio Lower Upper
156 100
77 185.0 92.3 276.9
158 97.0 47.6 142.9

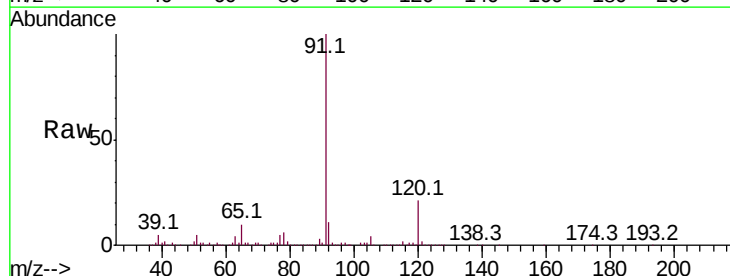


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

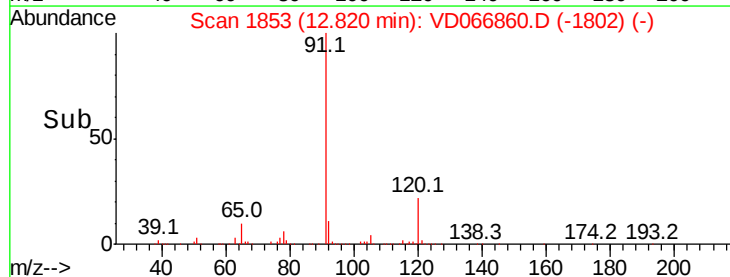
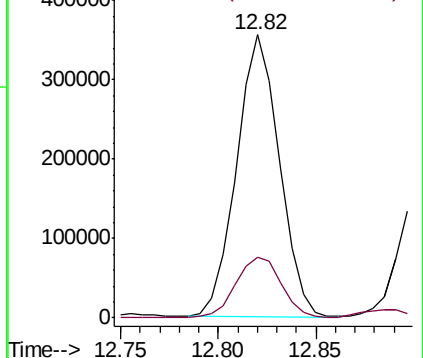


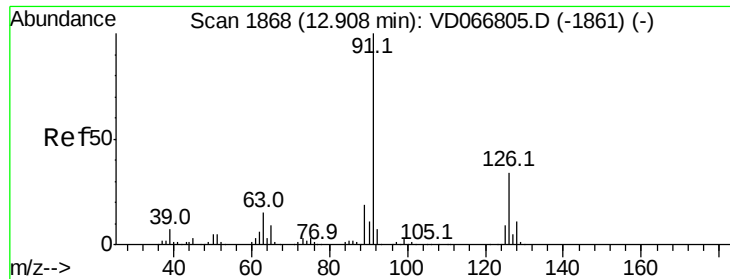
#78
n-propylbenzene
Concen: 45.193 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 91 Resp: 539205
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

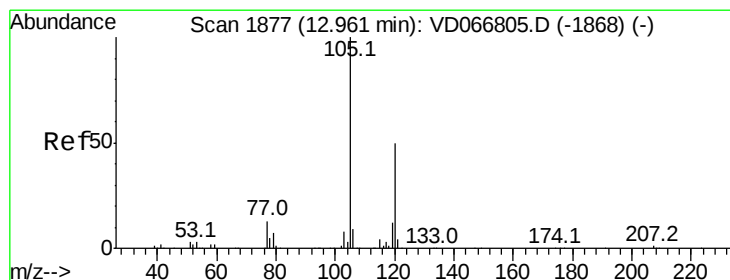
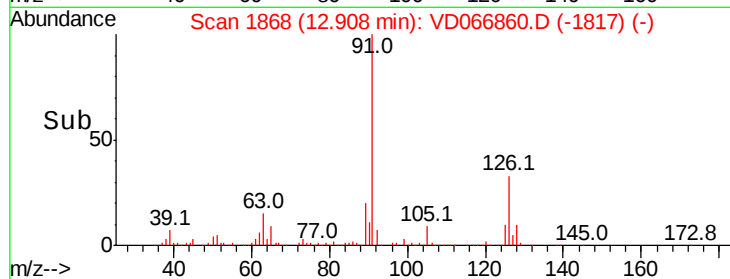
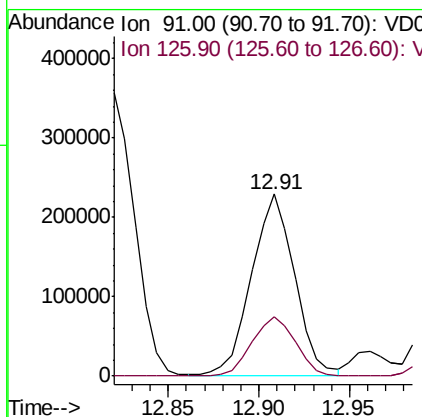
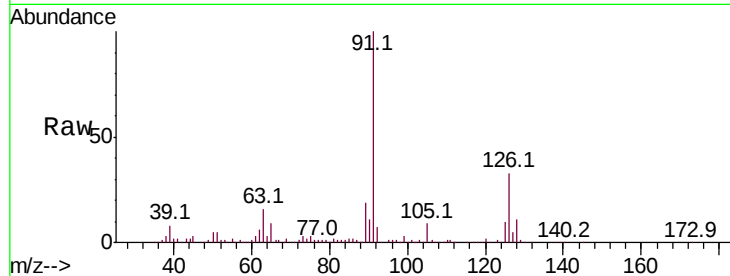




#79
 2-Chlorotoluene
 Concen: 55.391 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

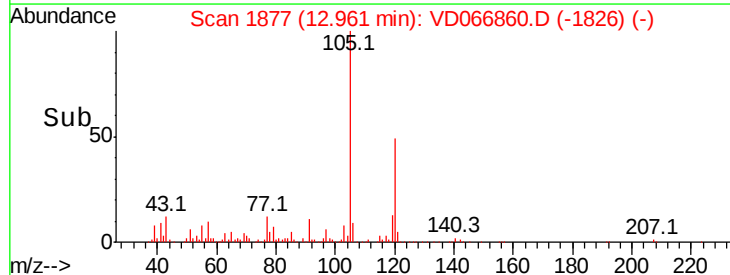
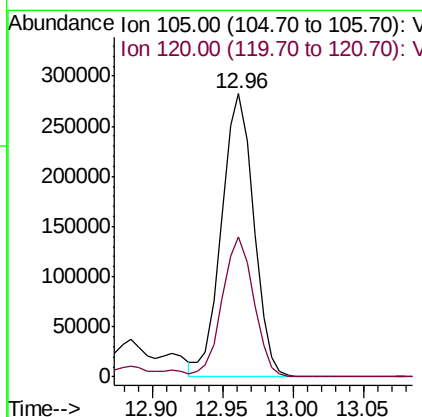
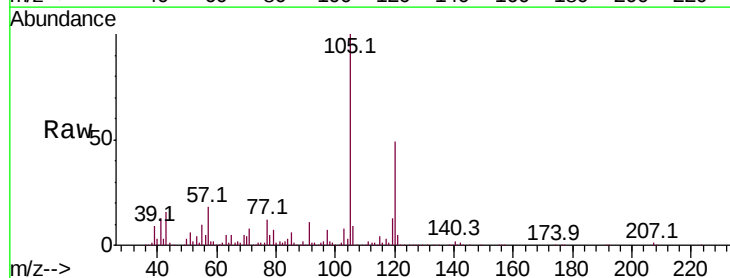
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

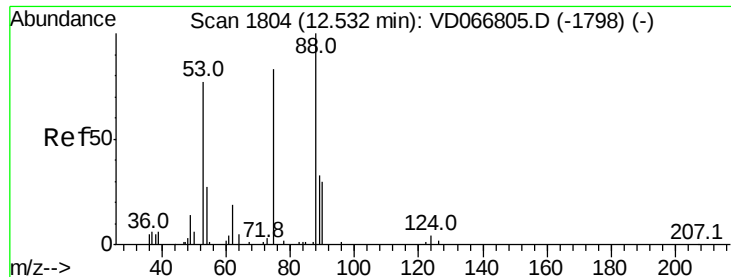
Tot Ion: 91 Resp: 376604
 Ion Ratio Lower Upper
 91 100
 126 33.1 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 53.233 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion:105 Resp: 447959
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 91.012 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

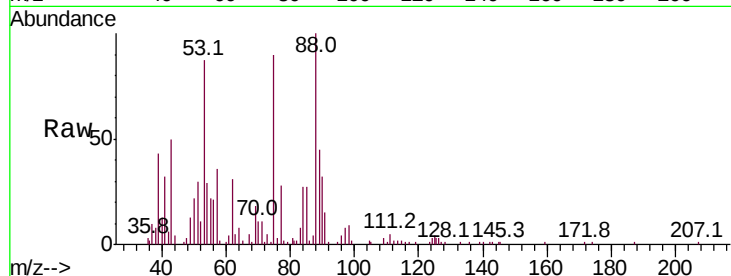
Tot Ion: 75 Resp: 41386

Ion Ratio Lower Upper

75 100

53 87.0 78.5 117.7

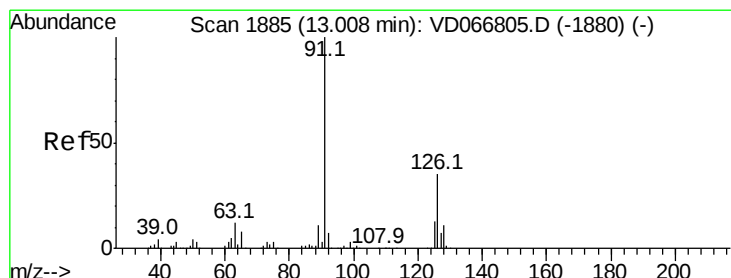
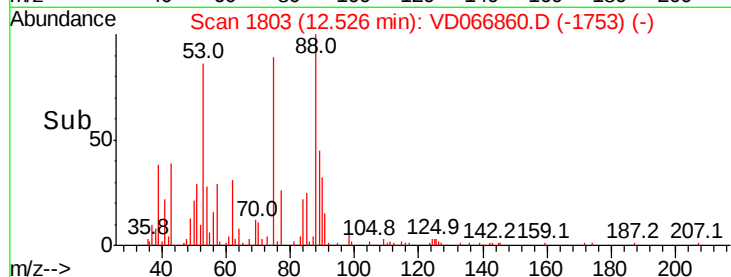
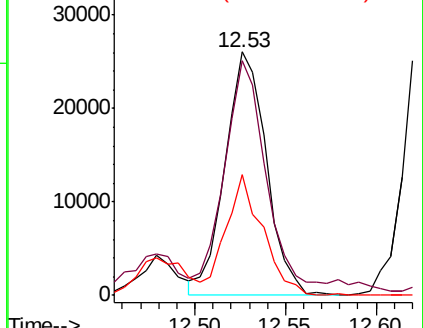
89 44.4 38.1 57.1



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: 52.788 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066860.D

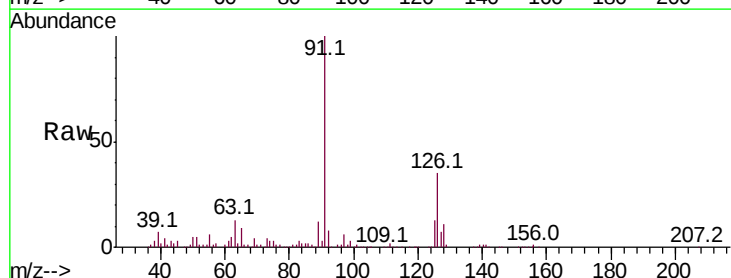
Acq: 24 Sep 2020 19:23

Tgt Ion: 91 Resp: 378333

Ion Ratio Lower Upper

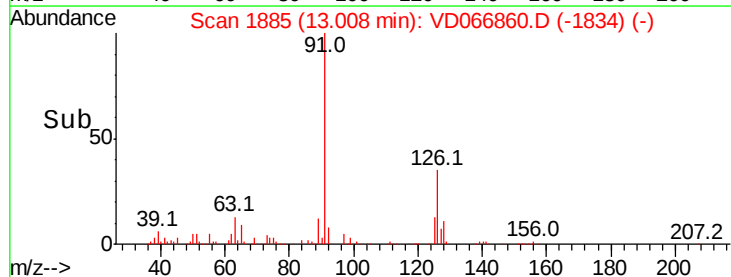
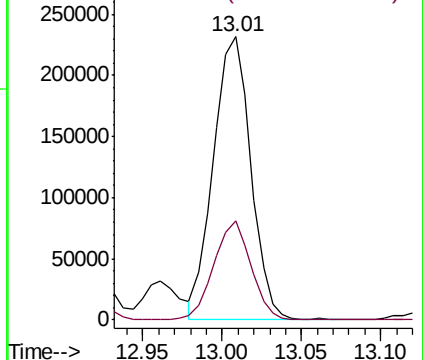
91 100

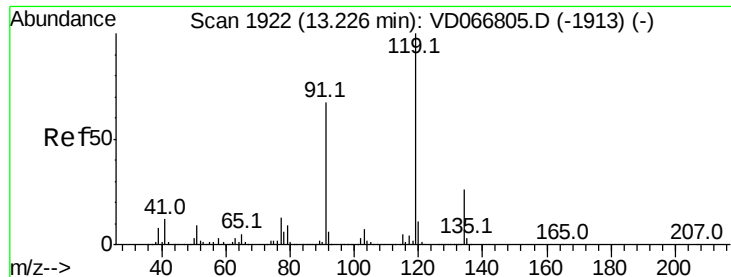
126 34.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

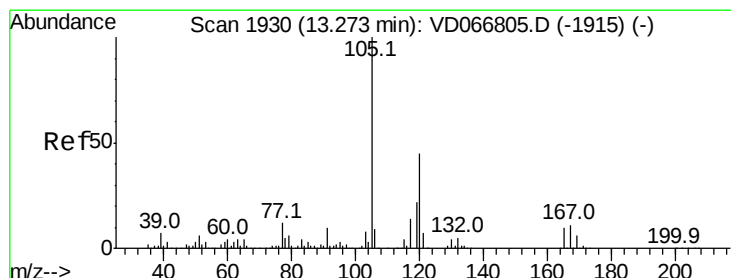
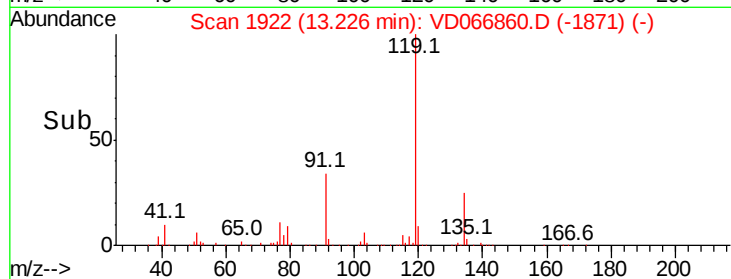
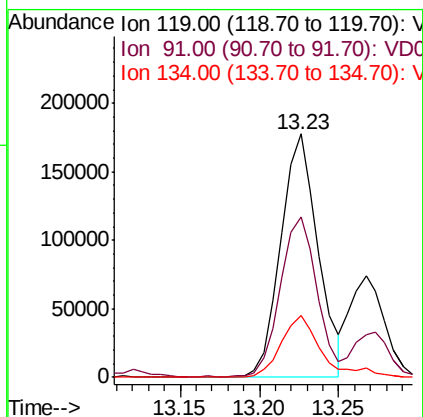
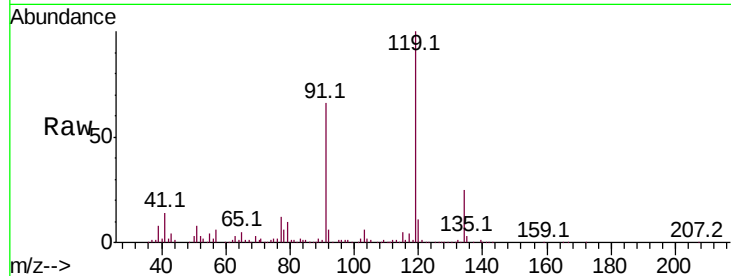




#83
tert-Butylbenzene
Concen: 41.900 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

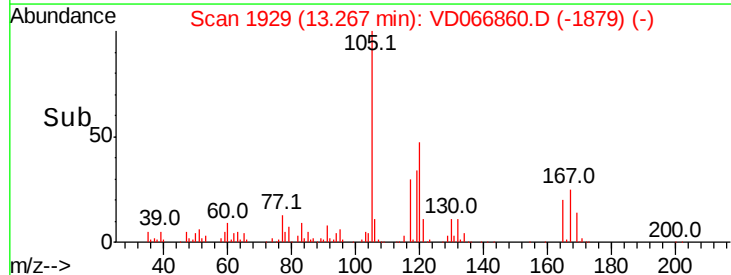
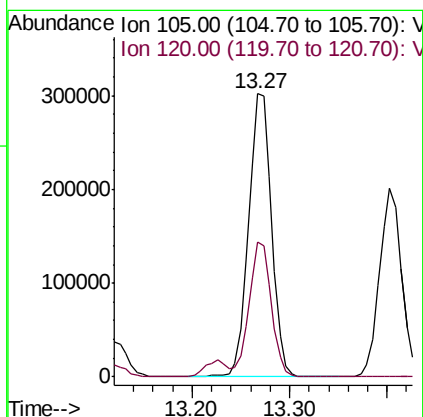
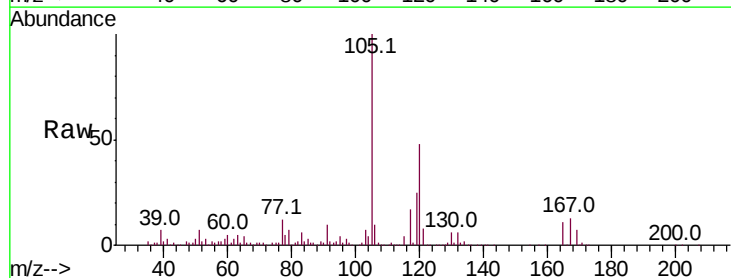
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

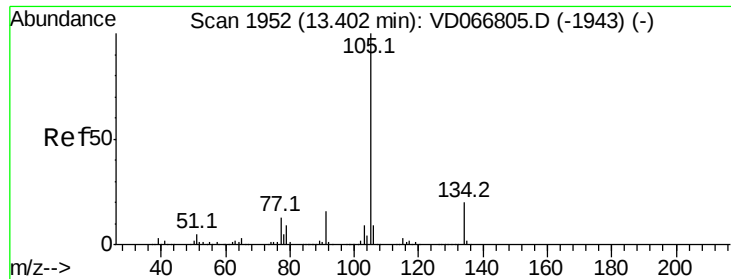
Tot Ion:119 Resp: 289729
Ion Ratio Lower Upper
119 100
91 64.8 33.6 100.8
134 27.6 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 60.001 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion:105 Resp: 500673
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9

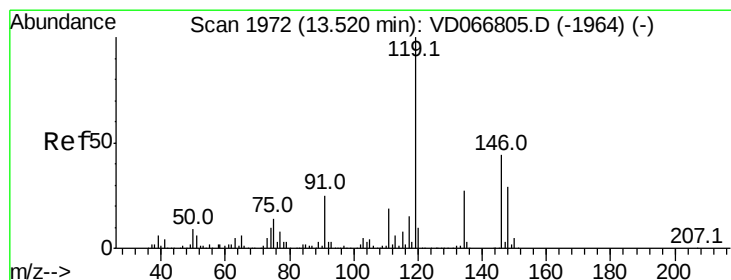
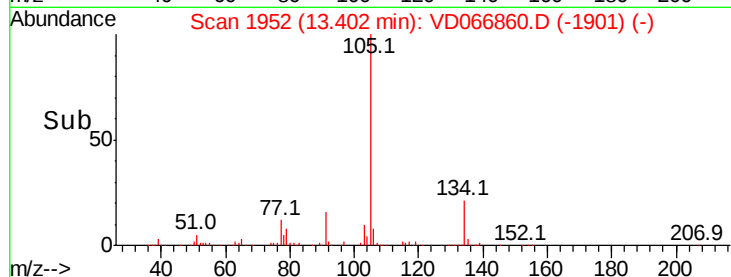
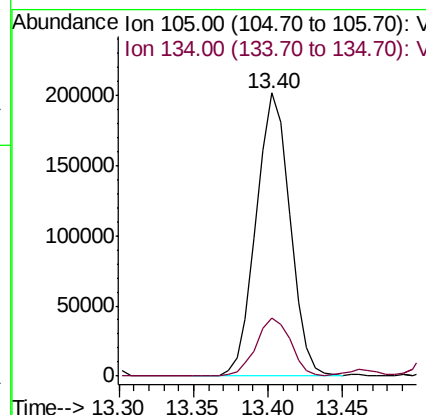
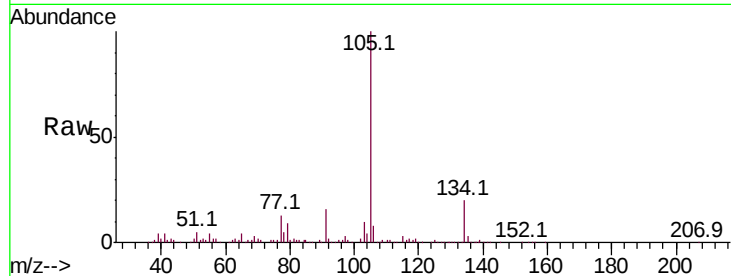




#85
 sec-Butylbenzene
 Concen: 31.824 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

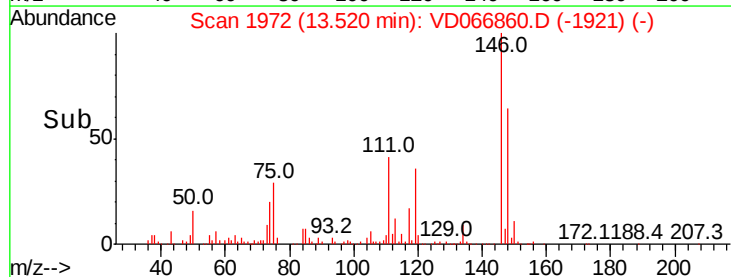
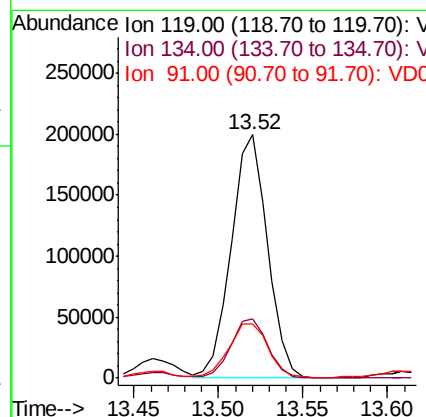
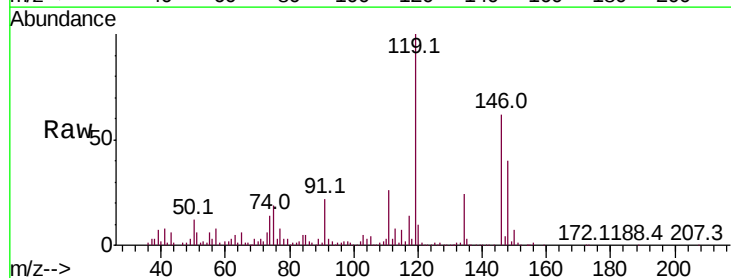
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

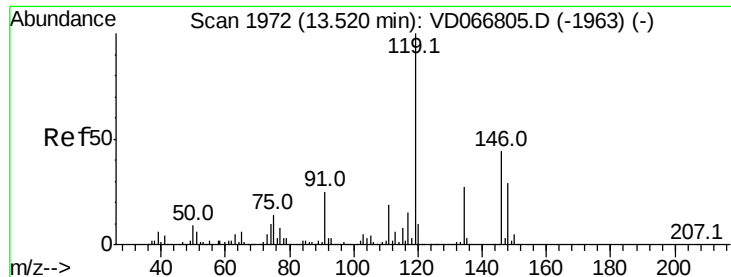
Tot Ion:105 Resp: 316440
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 33.387 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion:119 Resp: 299247
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.0 38.9
 91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 44.583 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

Instrument :

MSVOA_D

ClientSampleId :

B-2(4-5)MSD

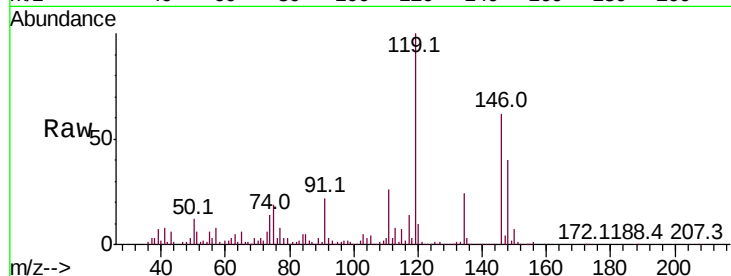
Tot Ion:146 Resp: 204297

Ion Ratio Lower Upper

146 100

111 42.8 20.3 60.9

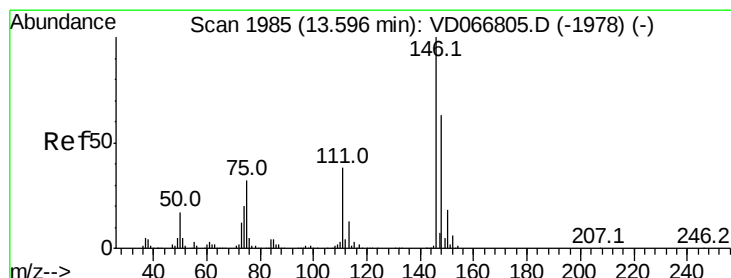
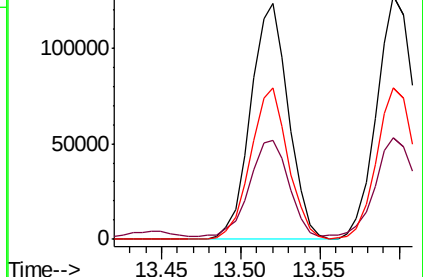
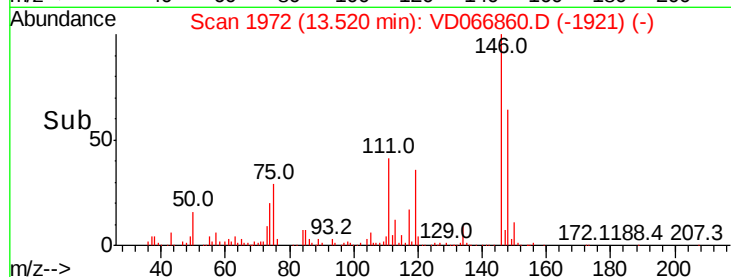
148 63.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 46.460 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066860.D

Acq: 24 Sep 2020 19:23

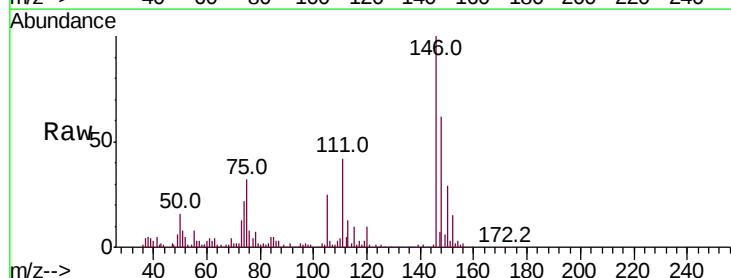
Tgt Ion:146 Resp: 211452

Ion Ratio Lower Upper

146 100

111 41.1 20.2 60.5

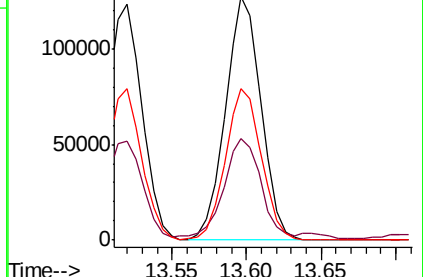
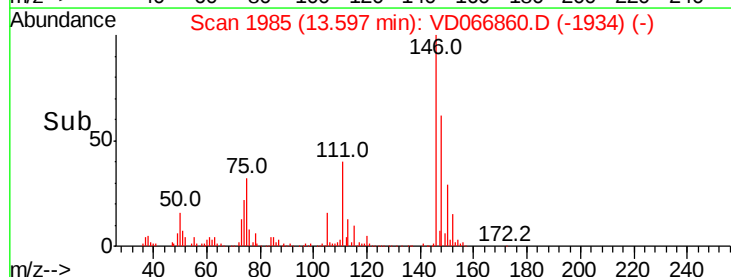
148 62.9 31.6 94.7

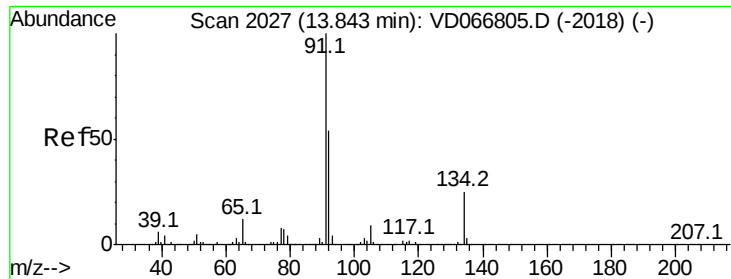


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

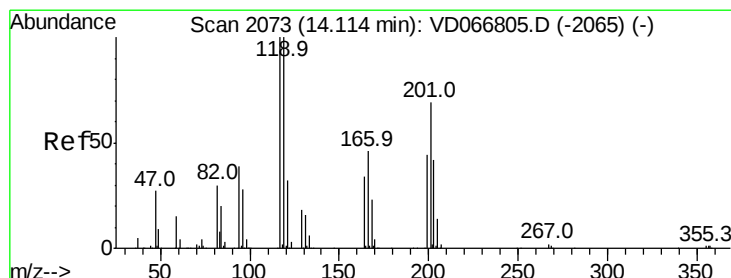
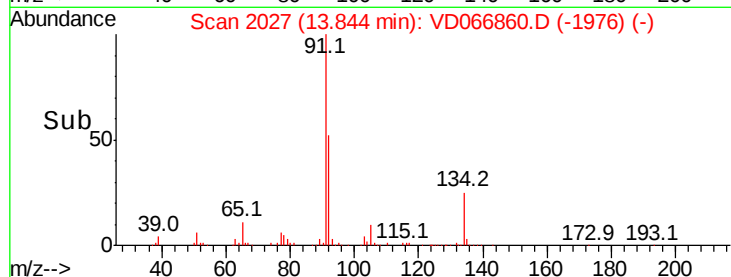
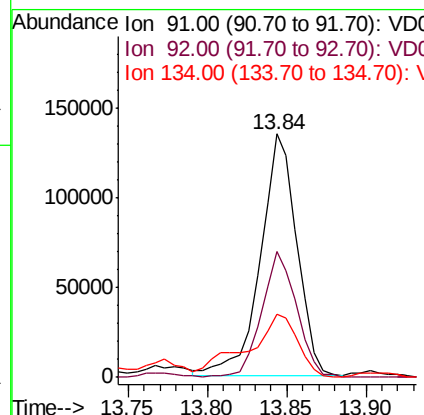
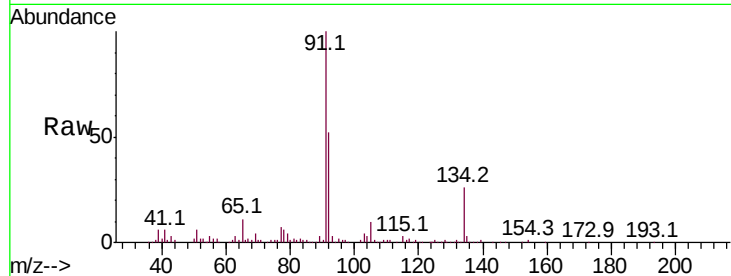




#89
n-Butylbenzene
Concen: 25.132 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

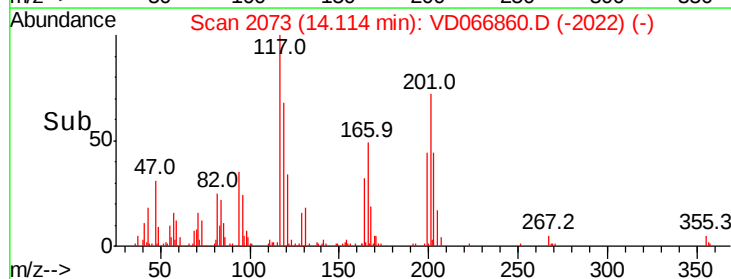
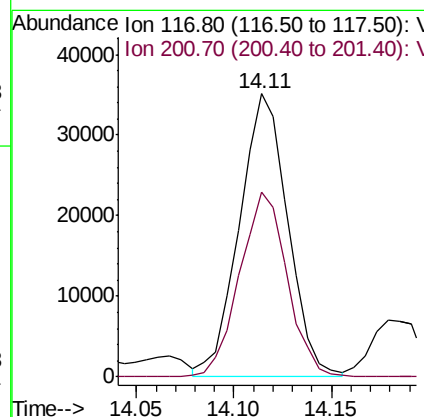
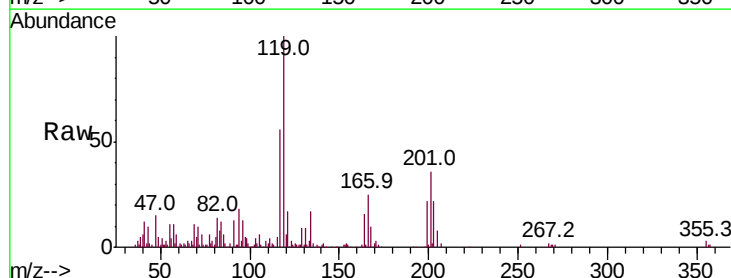
Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

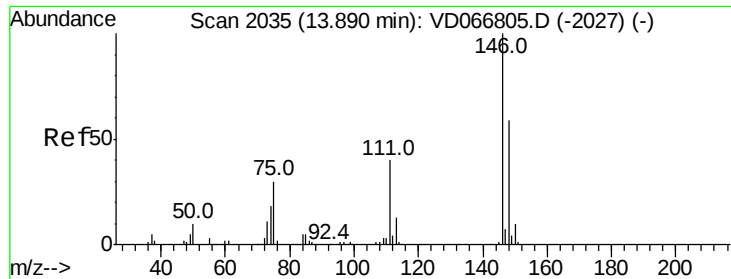
Tot Ion: 91 Resp: 214104
Ion Ratio Lower Upper
91 100
92 49.4 26.7 80.0
134 36.3 13.1 39.1



#90
Hexachloroethane
Concen: 32.979 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion: 117 Resp: 60010
Ion Ratio Lower Upper
117 100
201 64.2 33.7 101.0

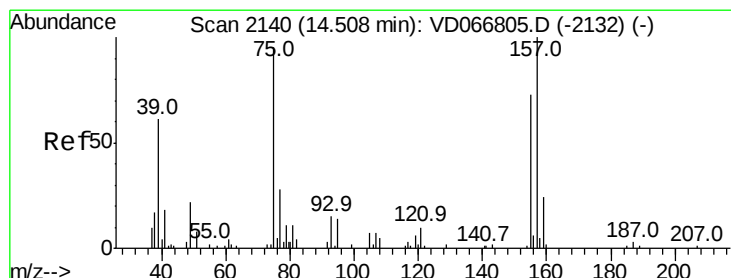
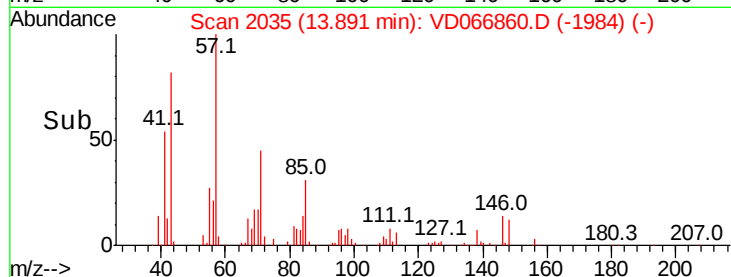
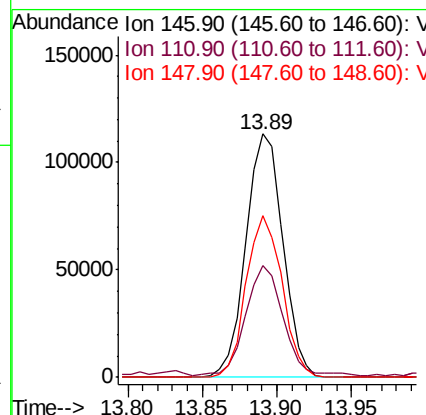
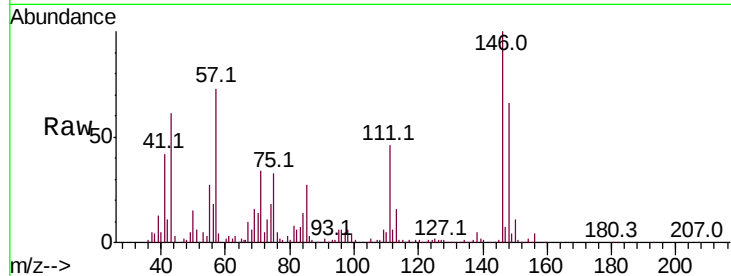




#91
 1,2-Dichlorobenzene
 Concen: 49.417 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

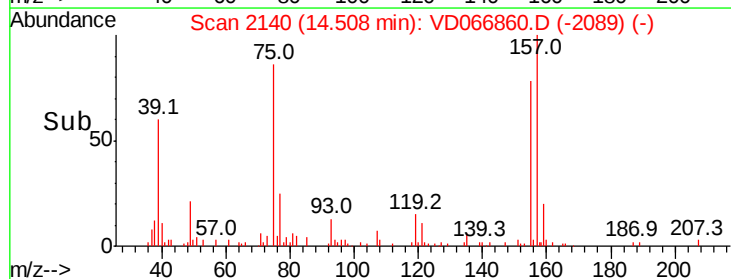
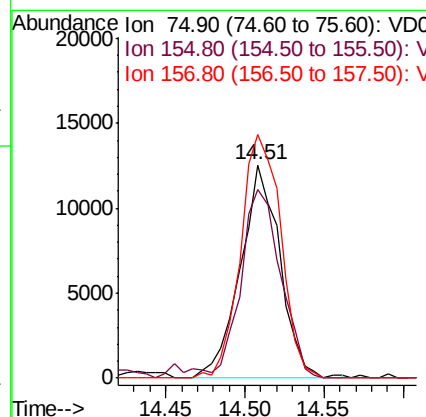
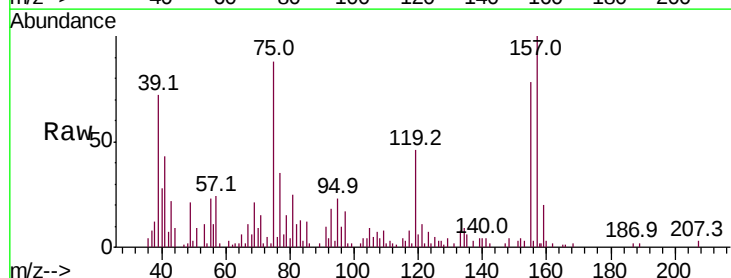
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

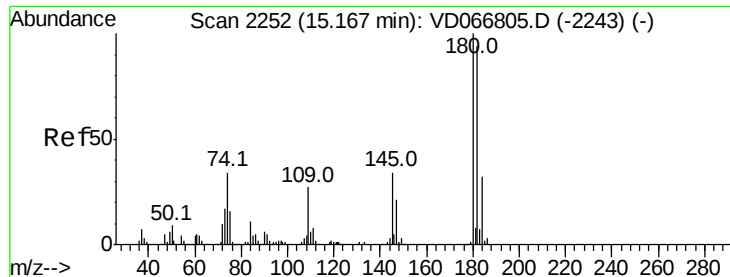
Tot Ion:146 Resp: 193739
 Ion Ratio Lower Upper
 146 100
 111 46.4 20.9 62.7
 148 64.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 79.263 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion: 75 Resp: 21820
 Ion Ratio Lower Upper
 75 100
 155 88.5 40.4 121.2
 157 115.9 51.3 153.9

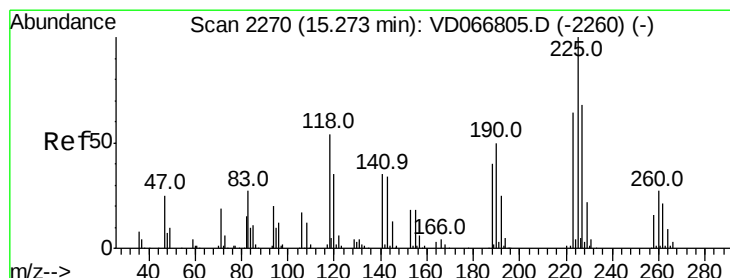
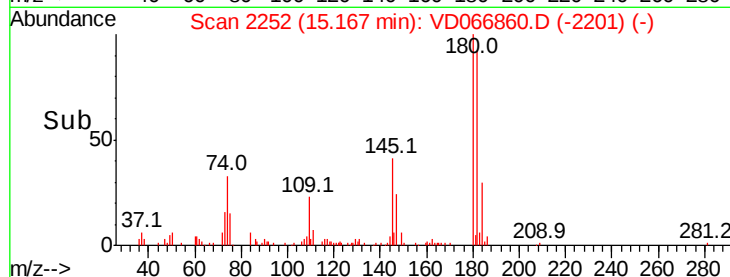
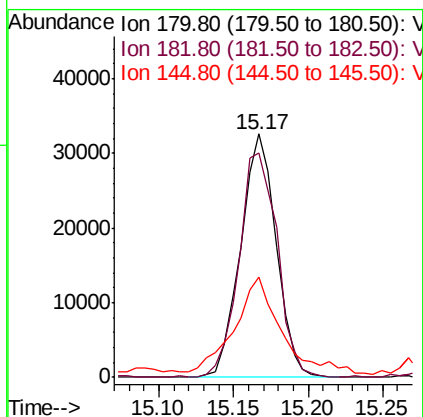
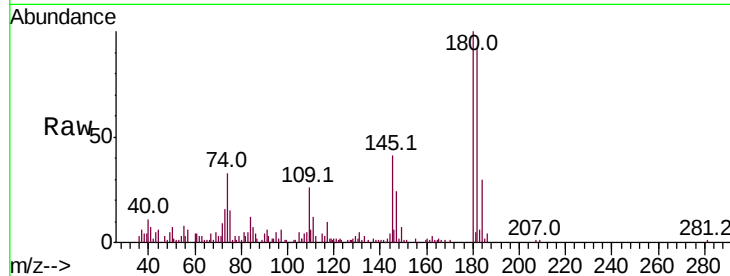




#93
 1,2,4-Trichlorobenzene
 Concen: 21.739 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

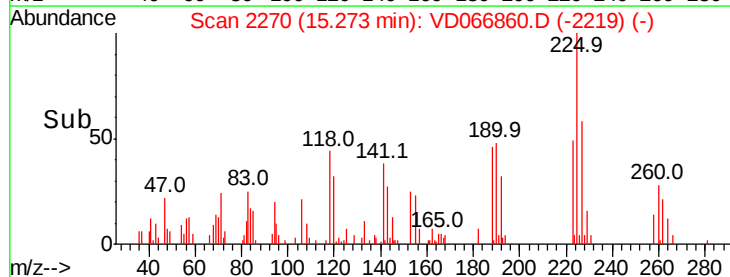
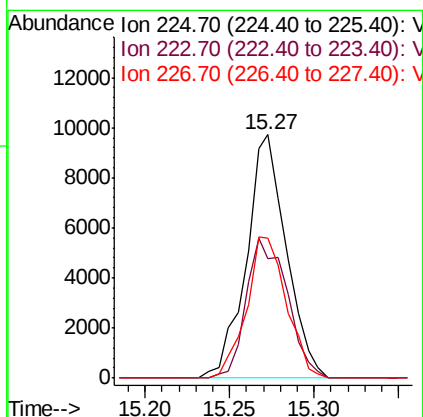
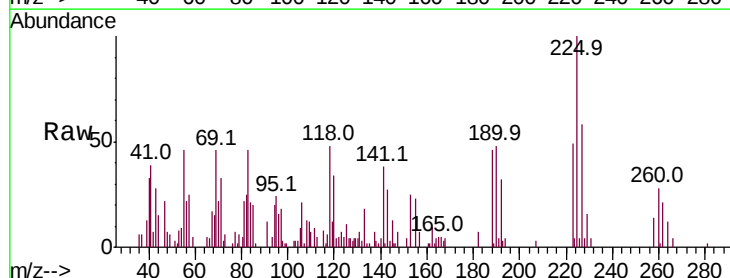
Instrument :
 MSVOA_D
 ClientSampleId :
 B-2(4-5)MSD

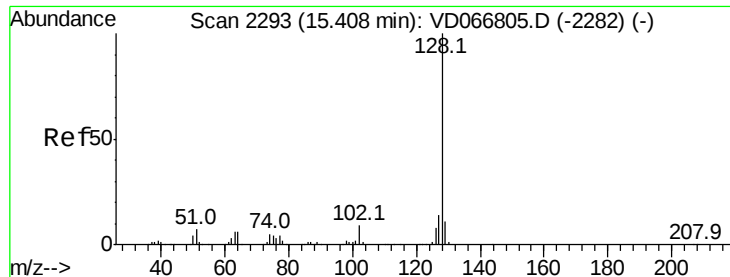
Tot Ion:180 Resp: 53652
 Ion Ratio Lower Upper
 180 100
 182 99.7 48.8 146.3
 145 57.3 16.7 50.0#



#94
 Hexachlorobutadiene
 Concen: 10.806 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066860.D
 Acq: 24 Sep 2020 19:23

Tgt Ion:225 Resp: 15981
 Ion Ratio Lower Upper
 225 100
 223 58.7 31.1 93.3
 227 57.8 31.7 95.1

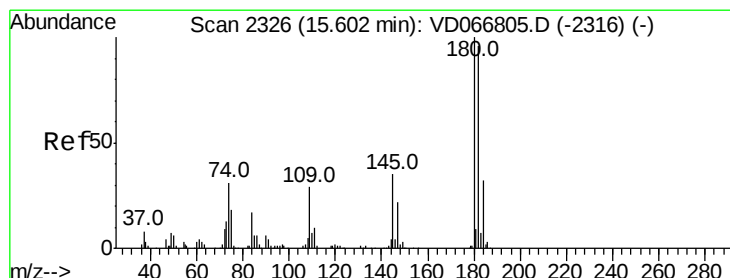
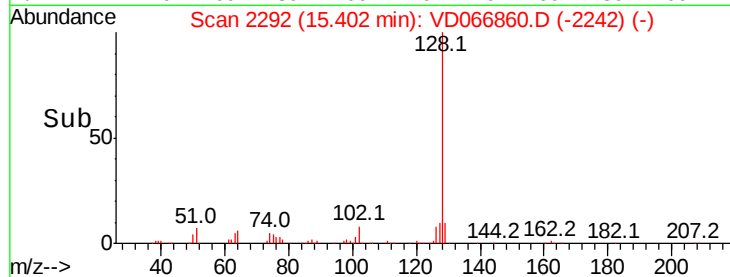
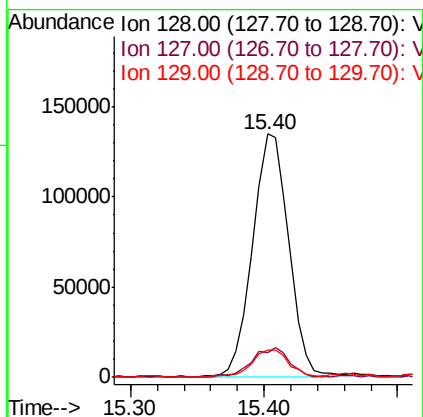
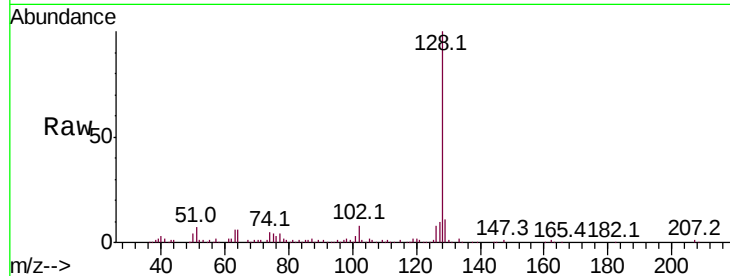




#95
Naphthalene
Concen: 59.958 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Instrument :
MSVOA_D
ClientSampleId :
B-2(4-5)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.9	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.145 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066860.D
Acq: 24 Sep 2020 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.8	140.3
145	60.6	17.0	51.0#

