

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066523.D
 Acq On : 02 Sep 2020 15:26
 Operator : VA/SY
 Sample : VD0902SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Quant Time: Sep 03 03:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	165722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	229017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	208826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98072	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
35) Dibromofluoromethane	7.91	113	78614	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
50) Toluene-d8	10.34	98	287988	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
62) 4-Bromofluorobenzene	12.63	95	103190	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	31369	22.188	ug/l	97
3) Chloromethane	2.20	50	19283	22.688	ug/l	94
4) Vinyl Chloride	2.35	62	22440	21.651	ug/l	96
5) Bromomethane	2.76	94	18496	21.835	ug/l	95
6) Chloroethane	2.92	64	13076	18.752	ug/l	91
7) Trichlorofluoromethane	3.27	101	67200	21.270	ug/l	100
8) Diethyl Ether	3.70	74	12569	21.226	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.10	101	29097	22.115	ug/l	95
10) Methyl Iodide	4.30	142	26540	18.191	ug/l	99
11) Tert butyl alcohol	5.20	59	8148	53.434	ug/l #	90
12) 1,1-Dichloroethene	4.06	96	26016	21.041	ug/l	97
13) Acrolein	3.91	56	6044	104.405	ug/l	91
14) Allyl chloride	4.71	41	30401	21.996	ug/l	97
15) Acrylonitrile	5.42	53	22933	107.997	ug/l #	85
16) Acetone	4.16	43	26506	100.562	ug/l #	85
17) Carbon Disulfide	4.41	76	73670	20.618	ug/l #	91
18) Methyl Acetate	4.71	43	9068	21.426	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	67391	20.889	ug/l #	90
20) Methylene Chloride	4.97	84	34103	23.524	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	28537	20.178	ug/l	87
22) Diisopropyl ether	6.36	45	57893	20.900	ug/l	91
23) Vinyl Acetate	6.30	43	191315	107.429	ug/l	99
24) 1,1-Dichloroethane	6.26	63	45401	20.869	ug/l	98
25) 2-Butanone	7.21	43	28529	104.574	ug/l	97
26) 2,2-Dichloropropane	7.21	77	56727	20.578	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	32364	21.102	ug/l	97
28) Bromochloromethane	7.54	49	13054	20.740	ug/l	95
29) Tetrahydrofuran	7.56	42	15023	107.121	ug/l	95
30) Chloroform	7.71	83	58175	20.709	ug/l	95
31) Cyclohexane	7.99	56	38414	21.200	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	65580	20.961	ug/l	98
36) 1,1-Dichloropropene	8.10	75	42357	21.099	ug/l	99
37) Ethyl Acetate	7.29	43	12022	19.950	ug/l #	81
38) Carbon Tetrachloride	8.09	117	63003	20.601	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066523.D
 Acq On : 02 Sep 2020 15:26
 Operator : VA/SY
 Sample : VD0902SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Quant Time: Sep 03 03:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 15:08:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	48648	20.741	ug/l	98
40) Benzene	8.34	78	107694	20.795	ug/l	95
41) Methacrylonitrile	7.52	41	5623	17.934	ug/l #	96
42) 1,2-Dichloroethane	8.41	62	46152	21.066	ug/l	99
43) Isopropyl Acetate	8.44	43	26373	20.892	ug/l	98
44) Trichloroethene	9.11	130	37735	21.111	ug/l	95
45) 1,2-Dichloropropane	9.38	63	21886	21.300	ug/l	97
46) Dibromomethane	9.47	93	15801	21.005	ug/l	96
47) Bromodichloromethane	9.66	83	45652	20.419	ug/l	88
48) Methyl methacrylate	9.45	41	14224	22.110	ug/l	98
49) 1,4-Dioxane	9.46	88	4076	468.101	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	63113	108.728	ug/l	99
52) Toluene	10.40	92	77649	21.080	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	41827	20.476	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	45027	20.923	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	20803	21.885	ug/l #	87
56) Ethyl methacrylate	10.66	69	23325	20.850	ug/l	96
57) 1,3-Dichloropropane	10.94	76	32800	20.895	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	50060	114.636	ug/l	98
59) 2-Hexanone	10.98	43	45493	108.517	ug/l	95
60) Dibromochloromethane	11.14	129	32414	20.622	ug/l	96
61) 1,2-Dibromoethane	11.25	107	19784	20.418	ug/l	100
64) Tetrachloroethene	10.87	164	33350	20.484	ug/l	93
65) Chlorobenzene	11.67	112	87572	21.315	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	37710	21.694	ug/l	99
67) Ethyl Benzene	11.74	91	154725	21.379	ug/l	99
68) m/p-Xylenes	11.85	106	118938	42.476	ug/l	98
69) o-Xylene	12.18	106	54392	20.507	ug/l	99
70) Styrene	12.20	104	98015	21.584	ug/l	98
71) Bromoform	12.36	173	20407	21.403	ug/l #	95
73) Isopropylbenzene	12.48	105	155372	20.521	ug/l	100
74) N-amyl acetate	12.29	43	24171	21.172	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	19367	21.646	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15200	21.324	ug/l	92
77) Bromobenzene	12.76	156	39440	20.527	ug/l	99
78) n-propylbenzene	12.82	91	171146	20.743	ug/l	99
79) 2-Chlorotoluene	12.91	91	99097	20.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	135926	20.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	7556	23.606	ug/l	91
82) 4-Chlorotoluene	13.01	91	108724	21.204	ug/l	98
83) tert-Butylbenzene	13.23	119	115840	20.063	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	137086	20.822	ug/l	97
85) sec-Butylbenzene	13.40	105	151752	20.747	ug/l	100
86) p-Isopropyltoluene	13.52	119	151005	20.655	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	75562	21.204	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	74359	20.627	ug/l	97
89) n-Butylbenzene	13.85	91	126479	20.654	ug/l	98
90) Hexachloroethane	14.12	117	27795	21.186	ug/l	90
91) 1,2-Dichlorobenzene	13.89	146	64694	20.872	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5076	21.452	ug/l	97

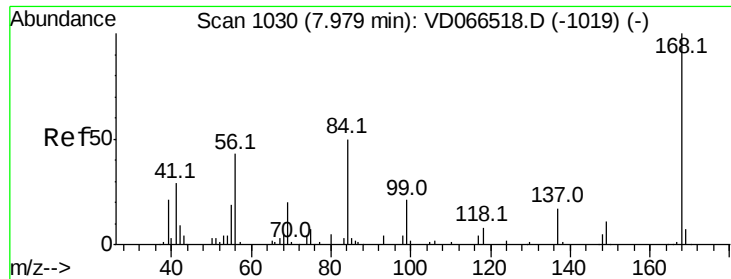
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
Data File : VD066523.D
Acq On : 02 Sep 2020 15:26
Operator : VA/SY
Sample : VD0902SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Quant Time: Sep 03 03:42:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 02 15:08:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49261	20.135	ug/l	95
94) Hexachlorobutadiene	15.27	225	32296	20.364	ug/l	97
95) Naphthalene	15.41	128	77549	20.392	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	44273	20.943	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

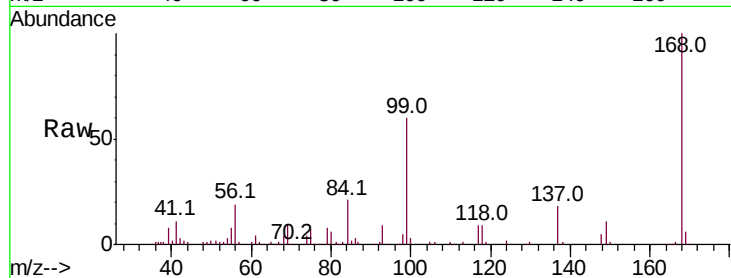
VD0902SBS01

Tot Ion:168 Resp: 165722

Ion Ratio Lower Upper

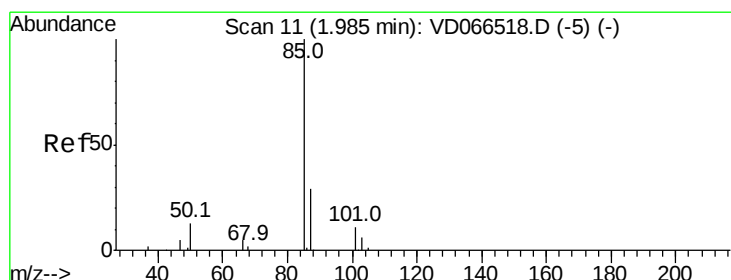
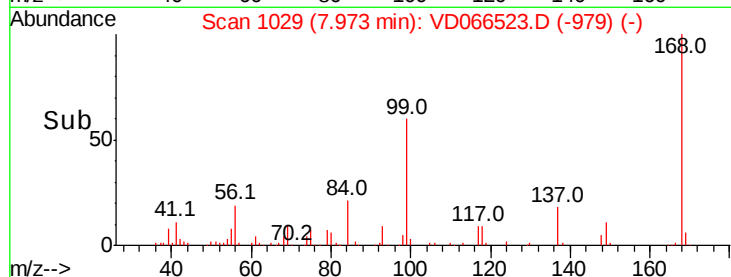
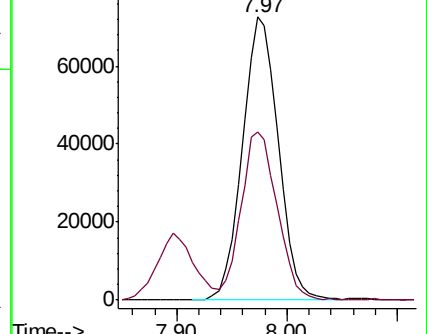
168 100

99 59.5 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 22.188 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066523.D

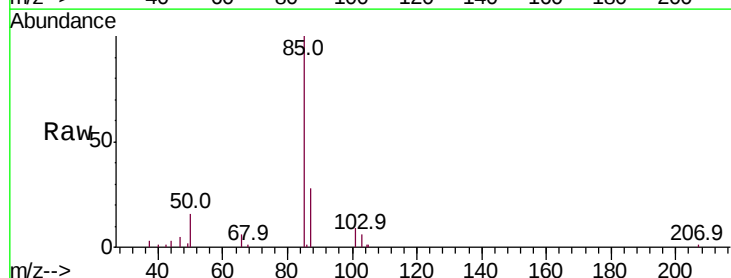
Acq: 02 Sep 2020 15:26

Tgt Ion: 85 Resp: 31369

Ion Ratio Lower Upper

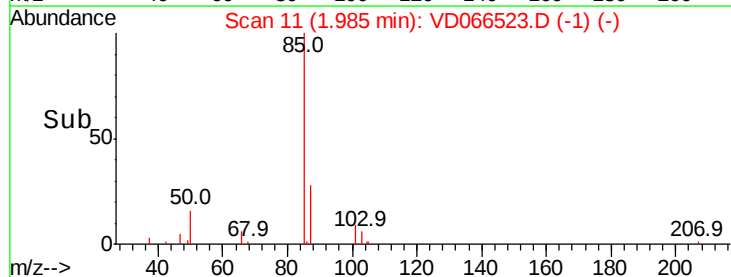
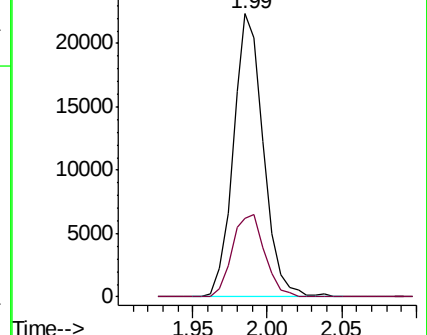
85 100

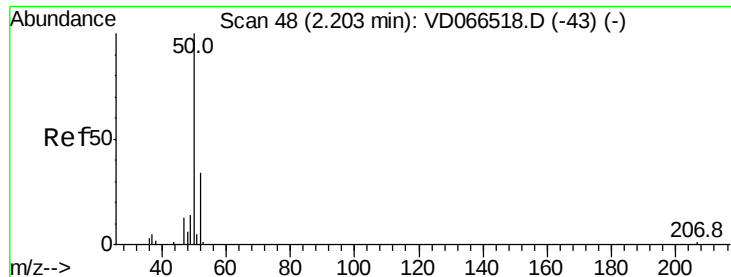
87 27.6 14.6 44.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.688 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

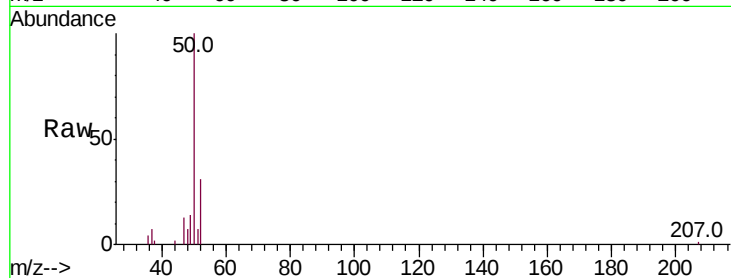
VD0902SBS01

Tot Ion: 50 Resp: 19283

Ion Ratio Lower Upper

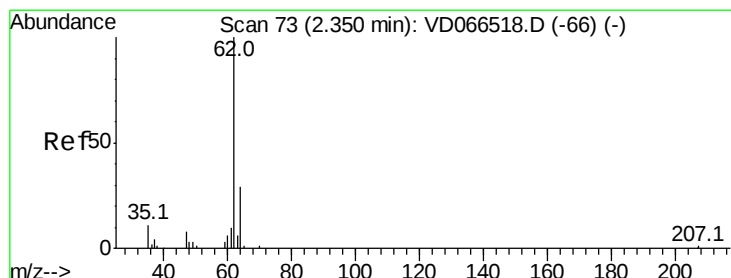
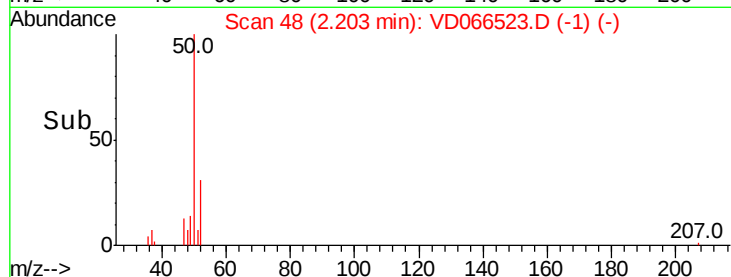
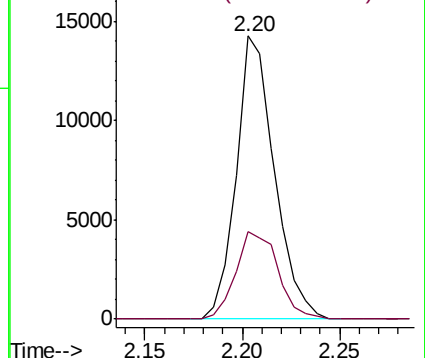
50 100

52 31.1 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.651 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066523.D

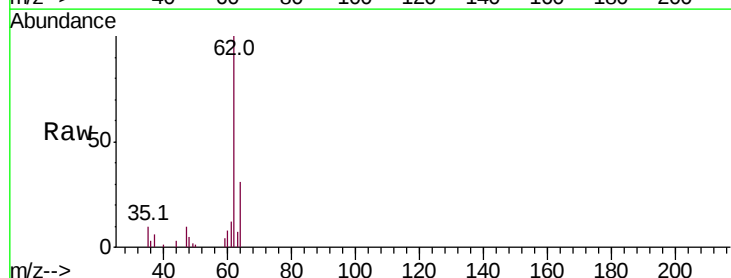
Acq: 02 Sep 2020 15:26

Tgt Ion: 62 Resp: 22440

Ion Ratio Lower Upper

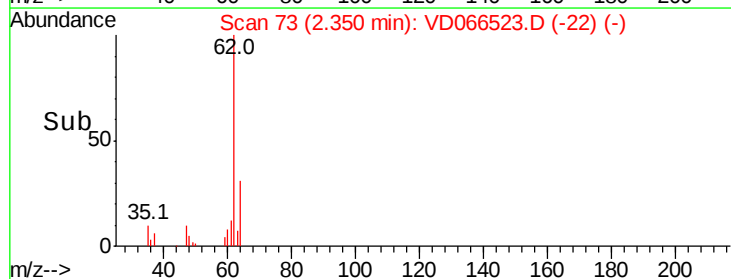
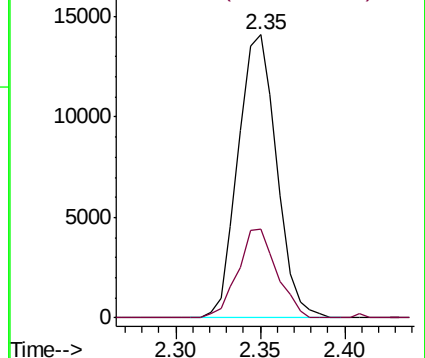
62 100

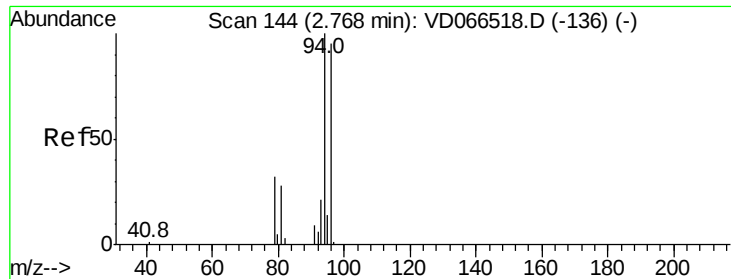
64 31.3 23.4 35.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.835 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

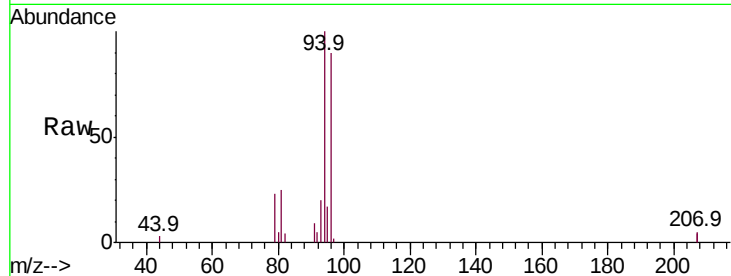
VD0902SBS01

Tot Ion: 94 Resp: 18496

Ion Ratio Lower Upper

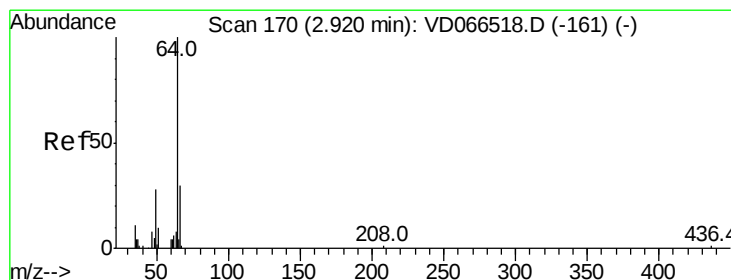
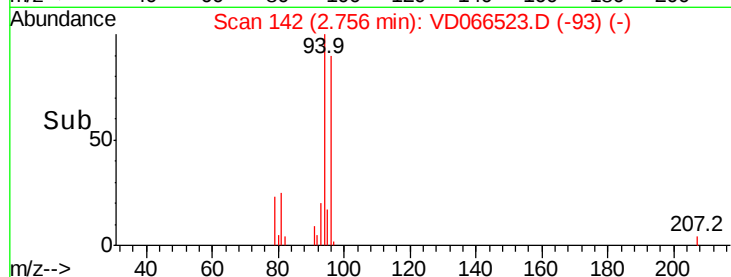
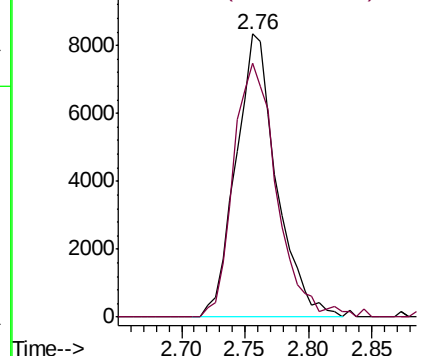
94 100

96 89.6 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 18.752 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066523.D

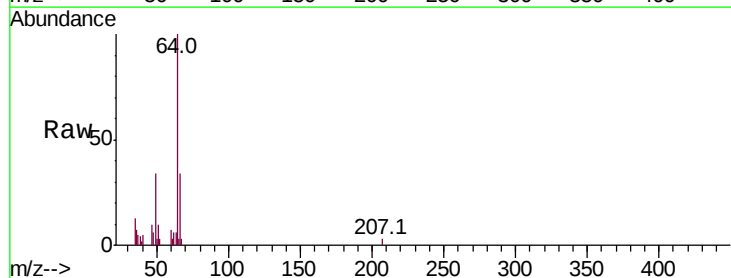
Acq: 02 Sep 2020 15:26

Tgt Ion: 64 Resp: 13076

Ion Ratio Lower Upper

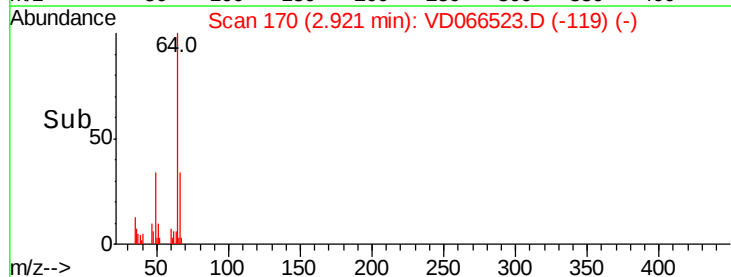
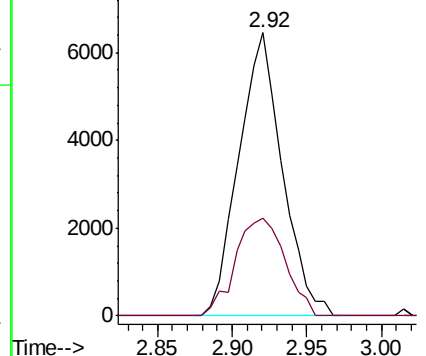
64 100

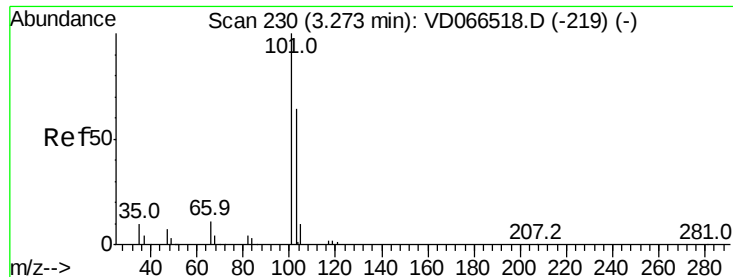
66 34.4 23.7 35.5



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



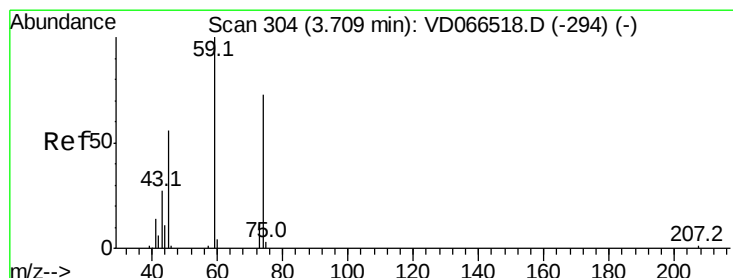
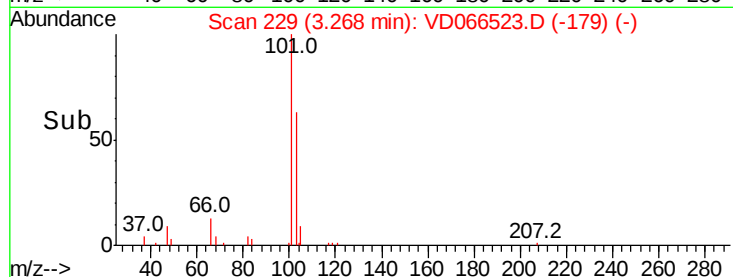
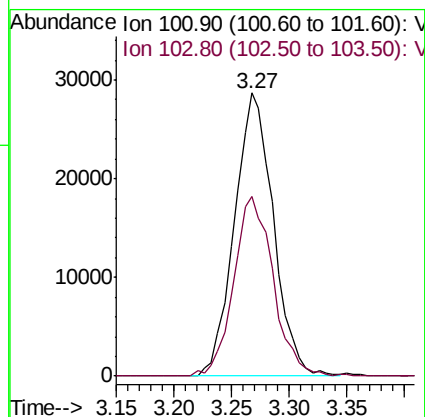
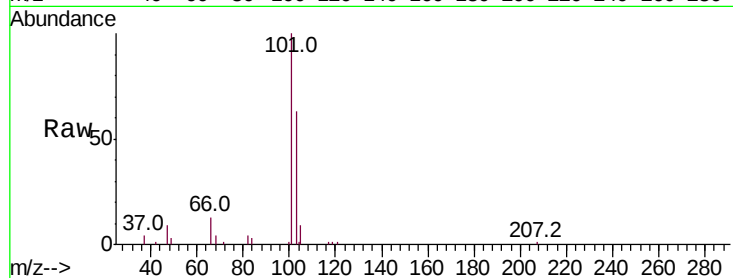


#7

Trichlorofluoromethane
Concen: 21.270 ug/l
RT: 3.27 min Scan# 229
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

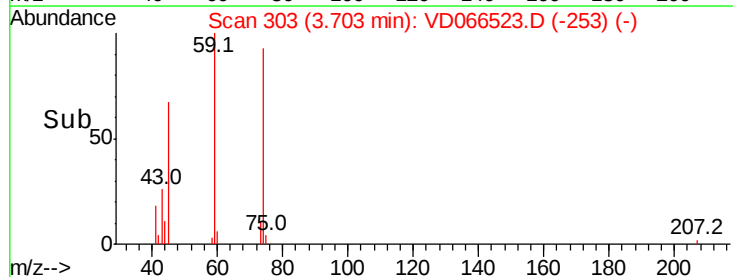
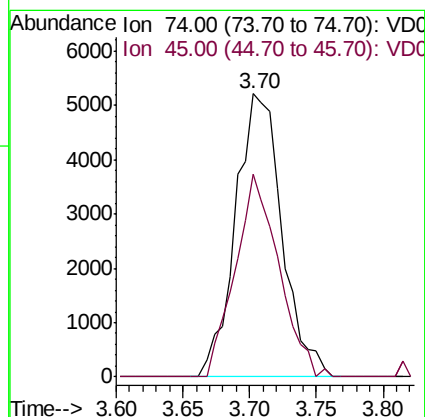
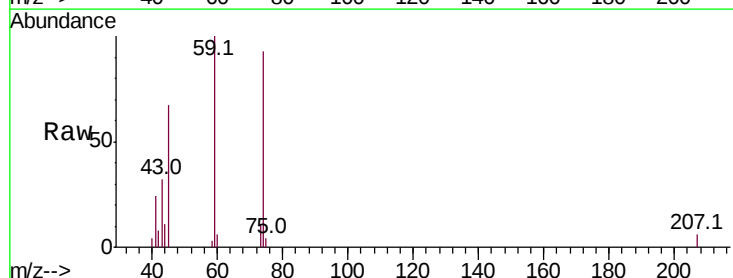
Tot Ion:101 Resp: 67200
Ion Ratio Lower Upper
101 100
103 63.4 50.9 76.3

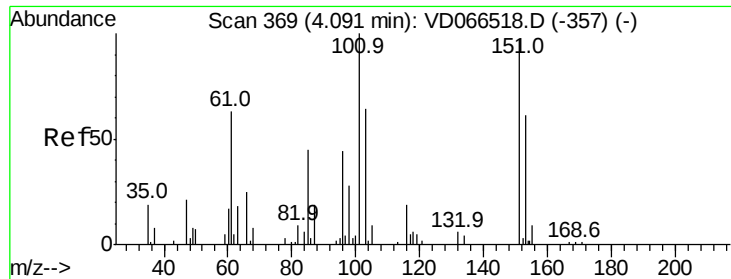


#8

Diethyl Ether
Concen: 21.226 ug/l
RT: 3.70 min Scan# 303
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 74 Resp: 12569
Ion Ratio Lower Upper
74 100
45 67.4 38.6 115.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.115 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

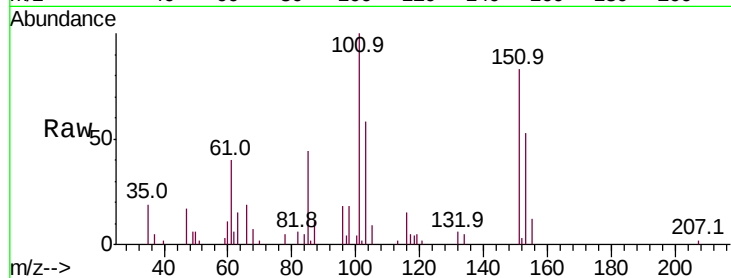
Tot Ion:101 Resp: 29097

Ion Ratio Lower Upper

101 100

85 47.2 39.4 59.0

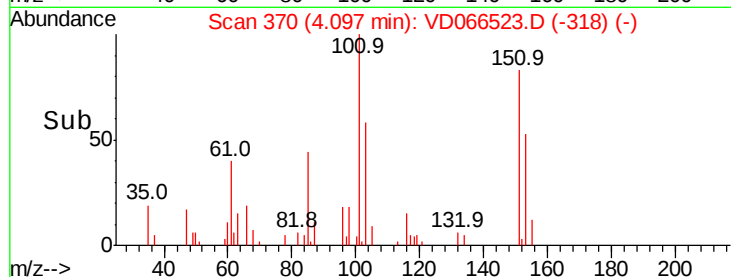
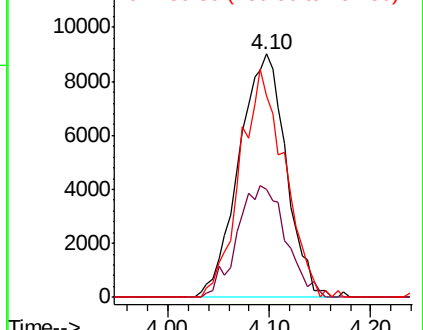
151 89.0 75.5 113.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.191 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

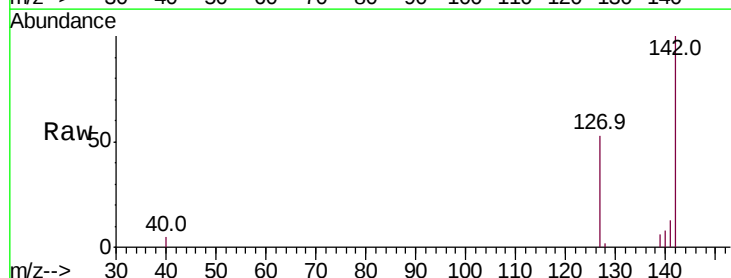
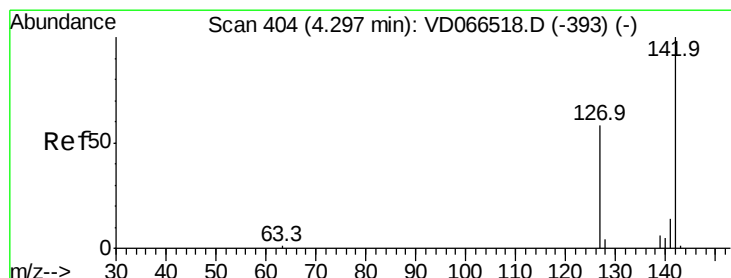
Tgt Ion:142 Resp: 26540

Ion Ratio Lower Upper

142 100

127 58.4 46.3 69.5

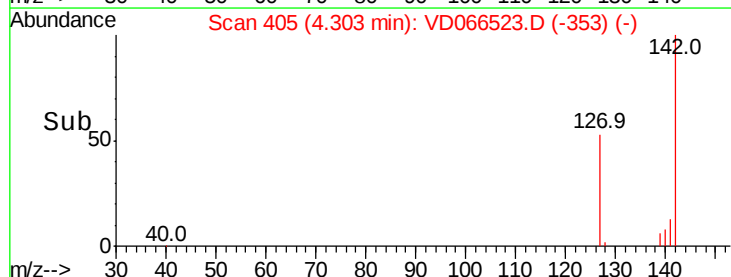
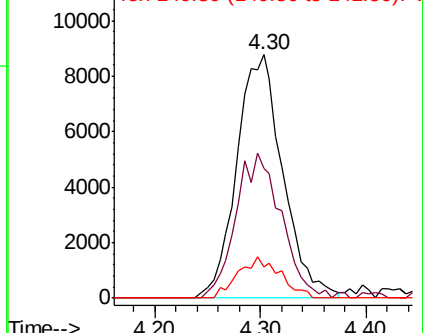
141 15.3 12.4 18.6

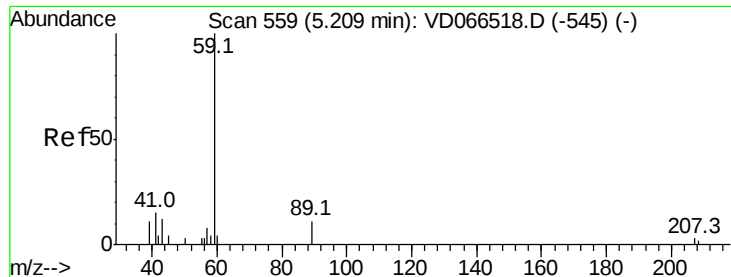


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



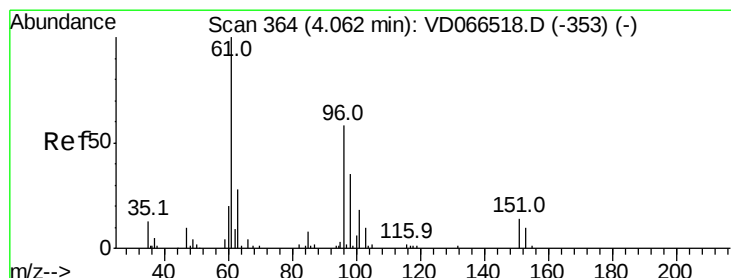
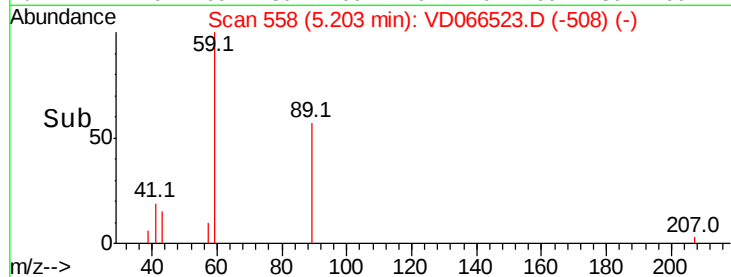
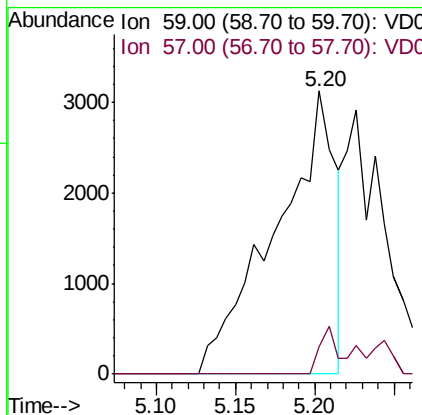
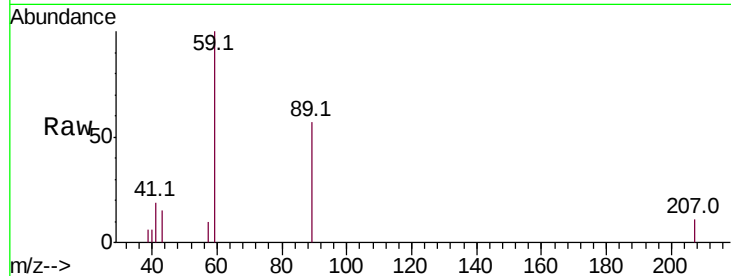


#11

Tert butyl alcohol
 Concen: 53.434 ug/l
 RT: 5.20 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

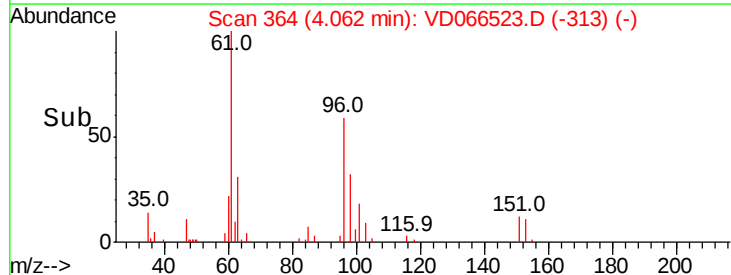
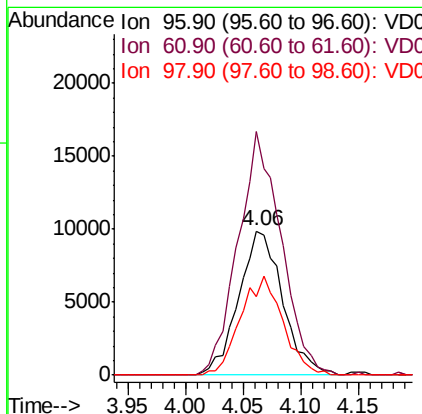
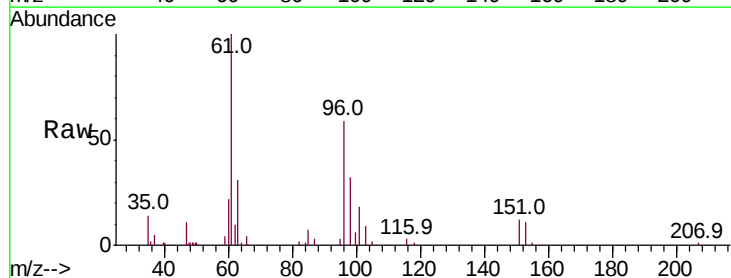
Tot Ion: 59 Resp: 8148
 Ion Ratio Lower Upper
 59 100
 57 5.1 6.8 10.2#

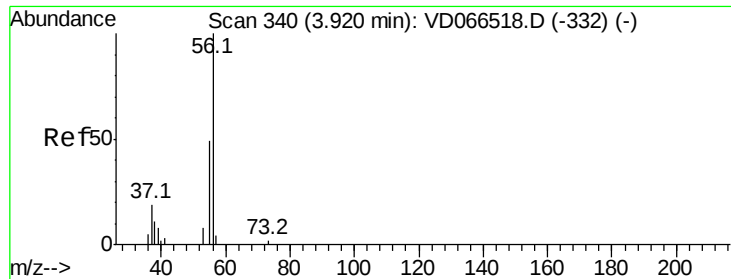


#12

1,1-Dichloroethene
 Concen: 21.041 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 96 Resp: 26016
 Ion Ratio Lower Upper
 96 100
 61 169.4 137.5 206.3
 98 55.0 47.8 71.6





#13

Acrolein

Concen: 104.405 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

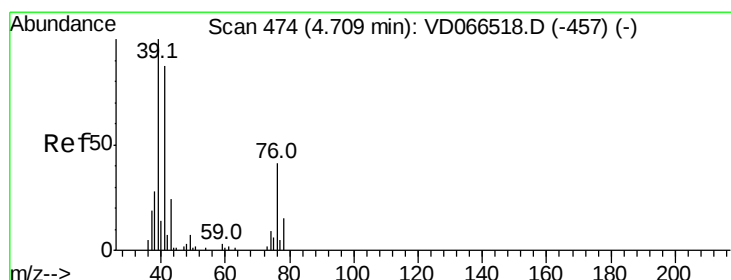
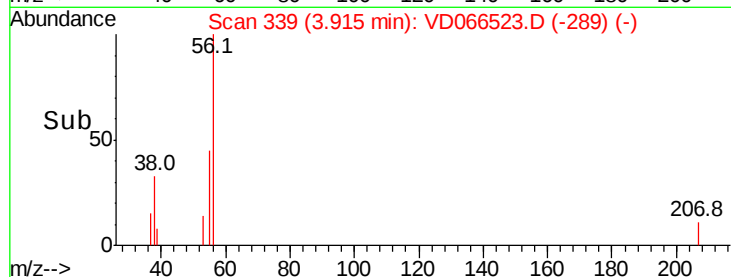
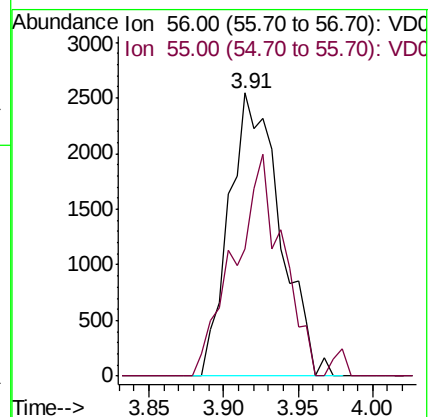
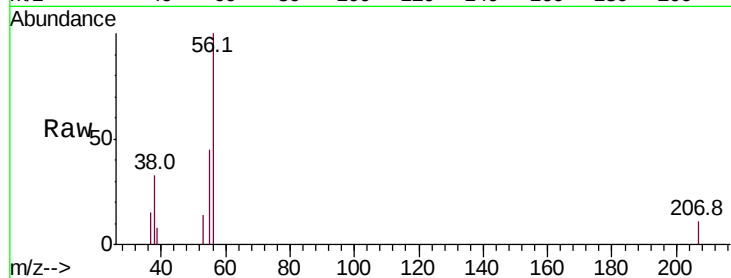
VD0902SBS01

Tot Ion: 56 Resp: 6044

Ion Ratio Lower Upper

56 100

55 73.5 53.0 79.4



#14

Allyl chloride

Concen: 21.996 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

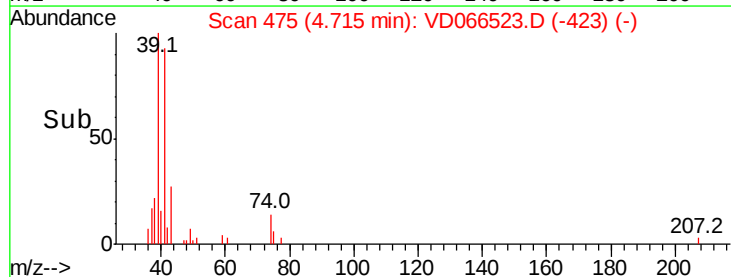
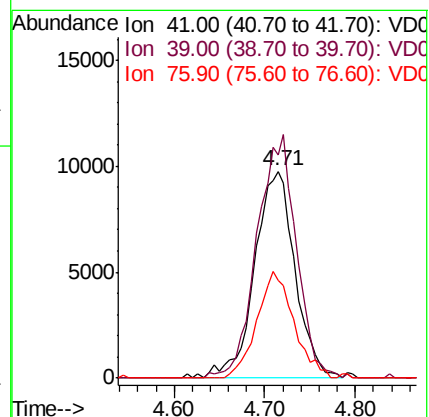
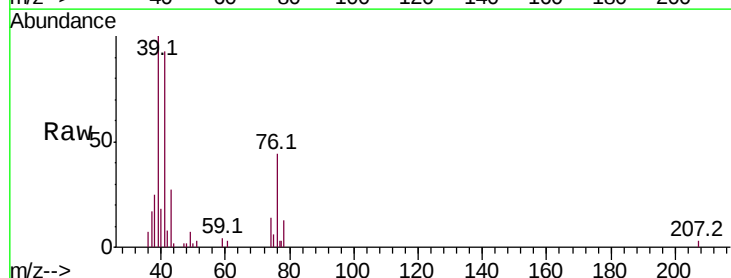
Tgt Ion: 41 Resp: 30401

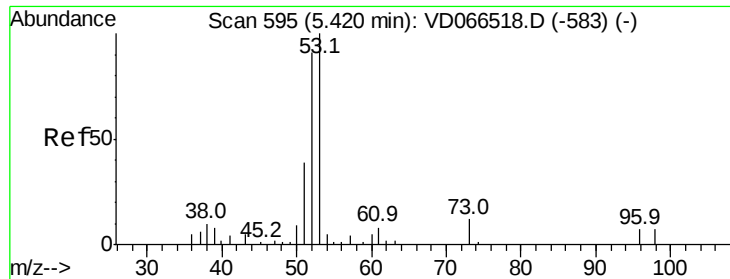
Ion Ratio Lower Upper

41 100

39 114.3 93.8 140.8

76 47.1 39.4 59.0





#15

Acrylonitrile

Concen: 107.997 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

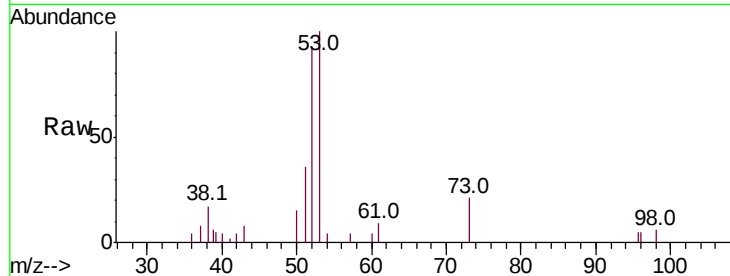
Tot Ion: 53 Resp: 22933

Ion Ratio Lower Upper

53 100

52 83.8 71.0 106.4

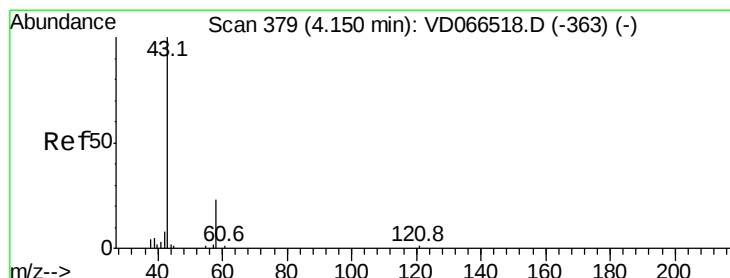
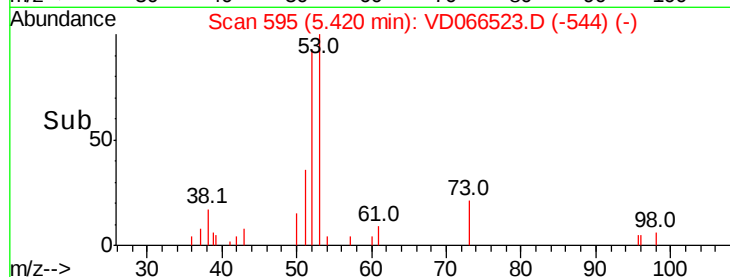
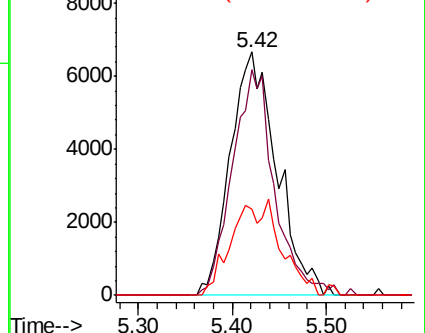
51 22.6 35.8 53.6#



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: 100.562 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066523.D

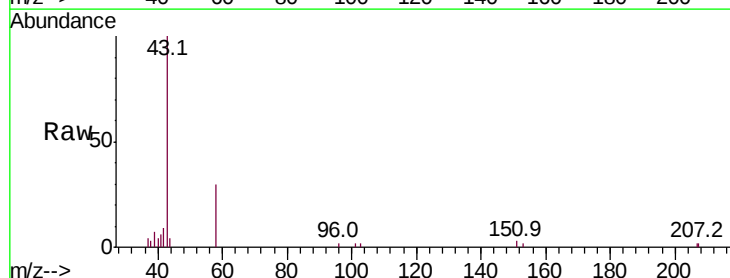
Acq: 02 Sep 2020 15:26

Tgt Ion: 43 Resp: 26506

Ion Ratio Lower Upper

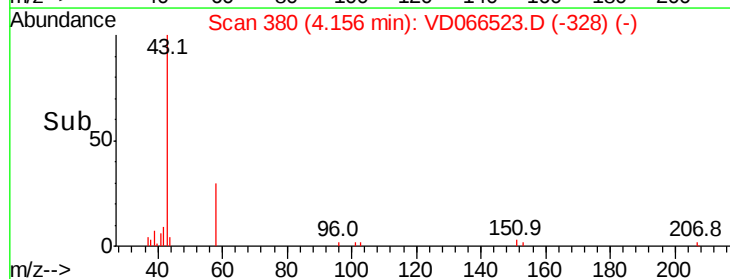
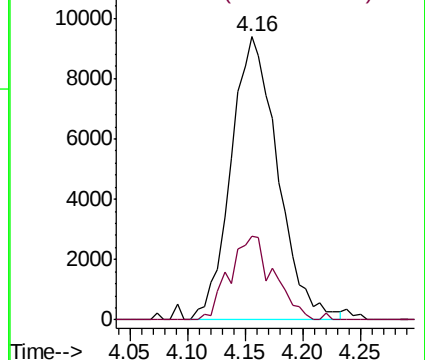
43 100

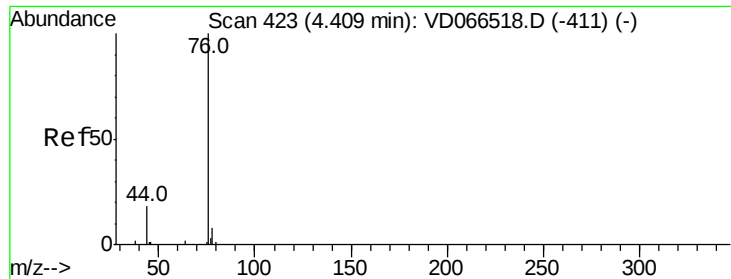
58 29.6 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.618 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

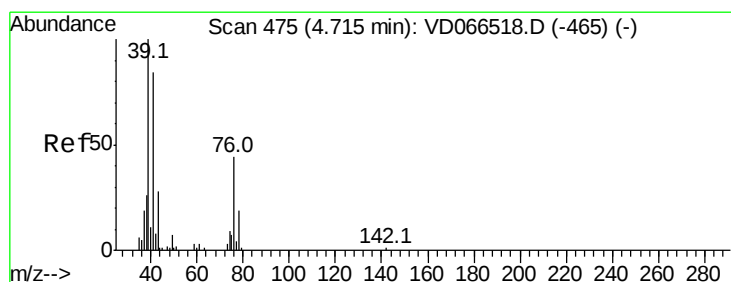
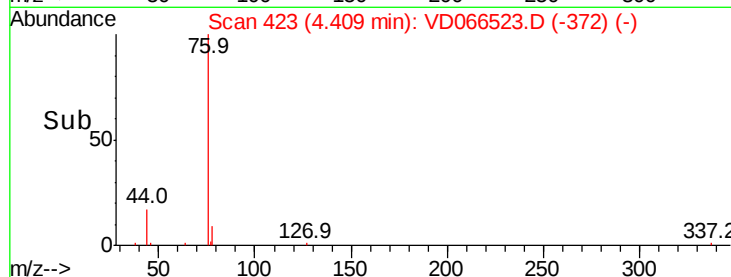
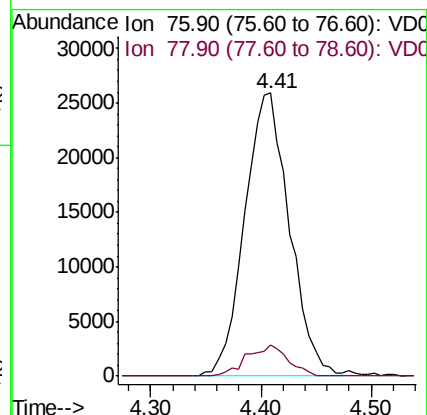
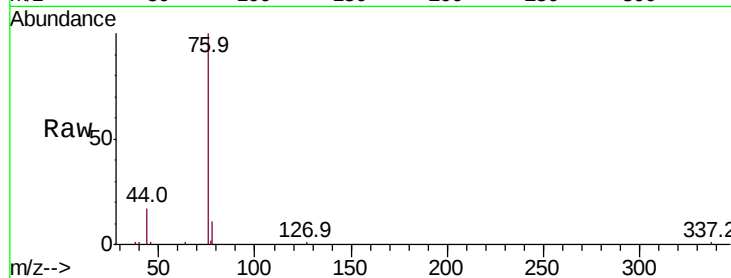
VD0902SBS01

Tot Ion: 76 Resp: 73670

Ion Ratio Lower Upper

76 100

78 10.8 6.2 9.4#



#18

Methyl Acetate

Concen: 21.426 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066523.D

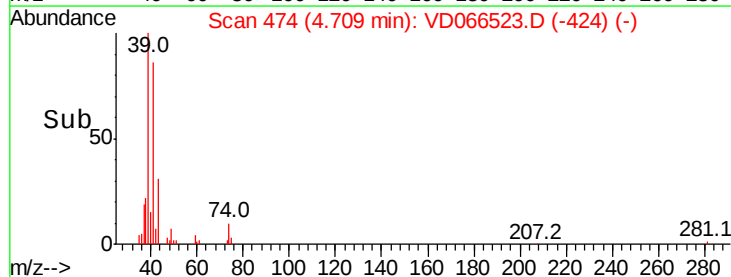
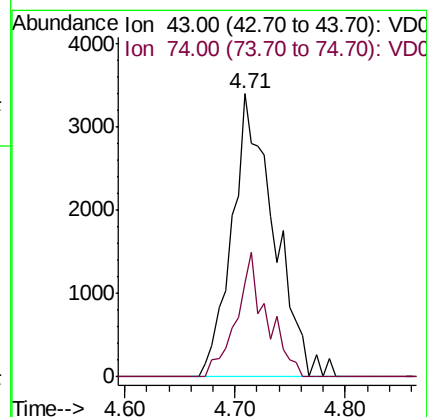
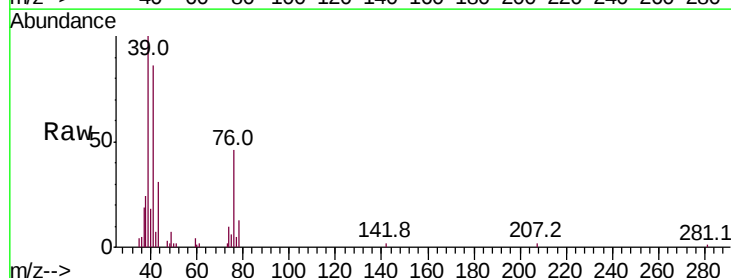
Acq: 02 Sep 2020 15:26

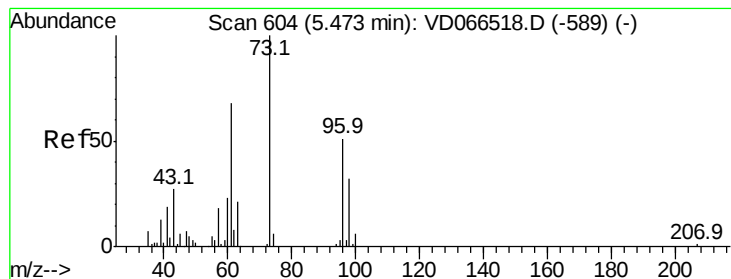
Tgt Ion: 43 Resp: 9068

Ion Ratio Lower Upper

43 100

74 32.1 26.3 39.5



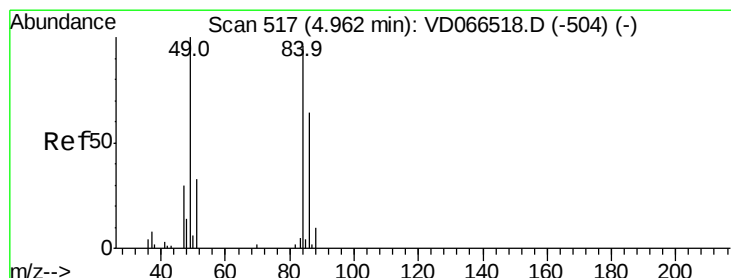
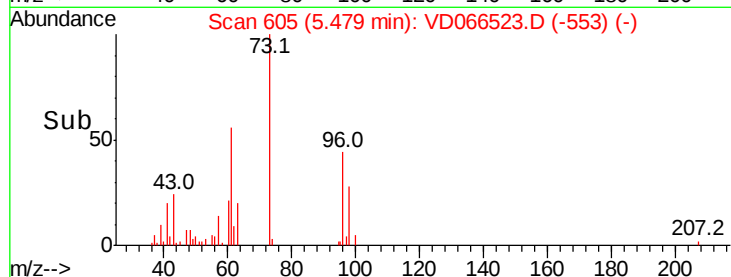
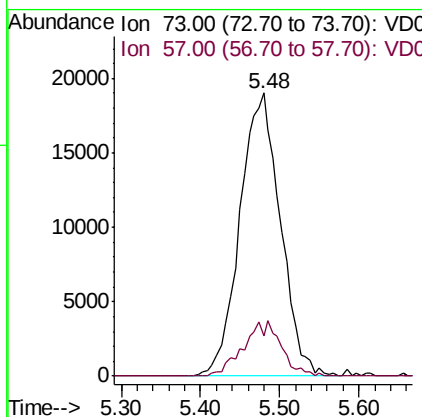
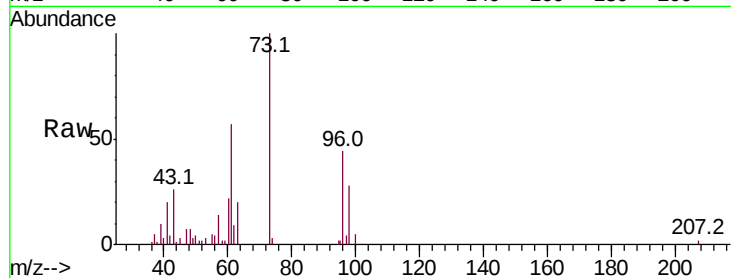


#19

Methyl tert-butyl Ether
 Concen: 20.889 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. 0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

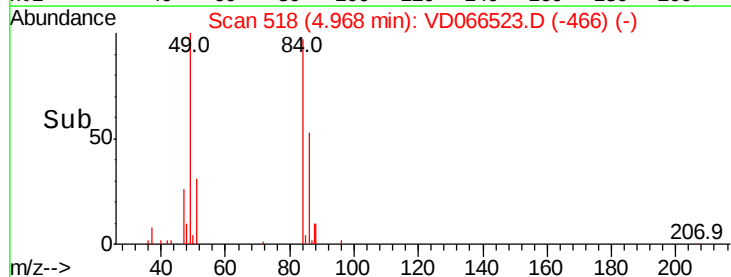
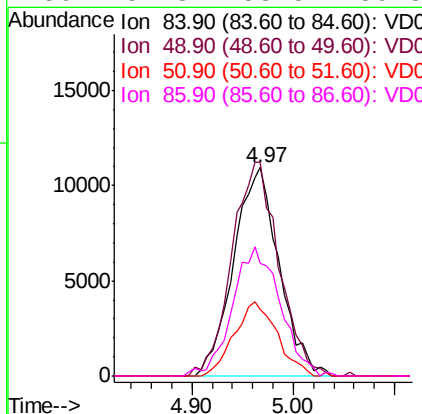
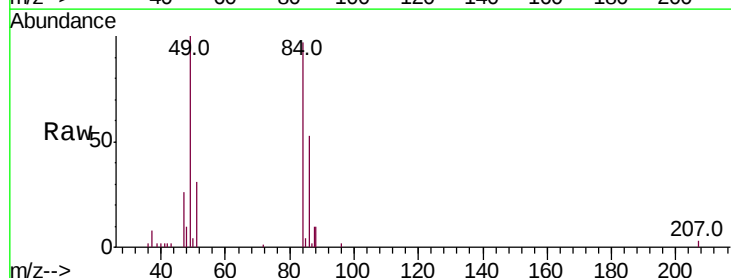
Tot Ion: 73 Resp: 67391
 Ion Ratio Lower Upper
 73 100
 57 14.0 14.6 22.0#

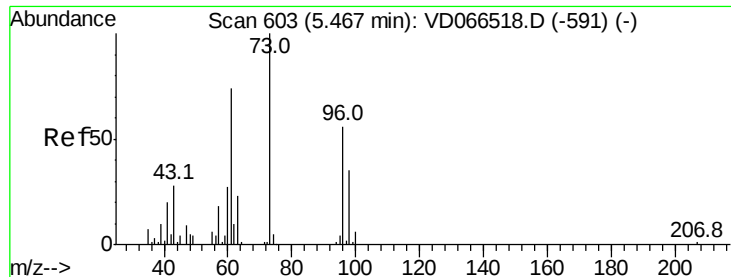


#20

Methylene Chloride
 Concen: 23.524 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 84 Resp: 34103
 Ion Ratio Lower Upper
 84 100
 49 102.6 83.5 125.3
 51 32.2 27.8 41.8
 86 54.3 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 20.178 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

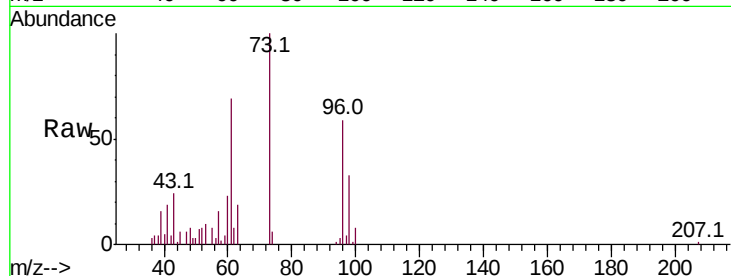
Tot Ion: 96 Resp: 28537

Ion Ratio Lower Upper

96 100

61 116.7 106.6 160.0

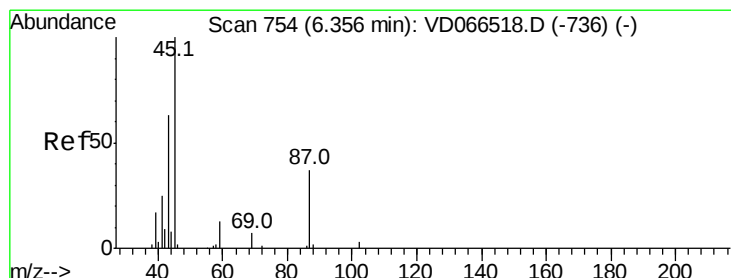
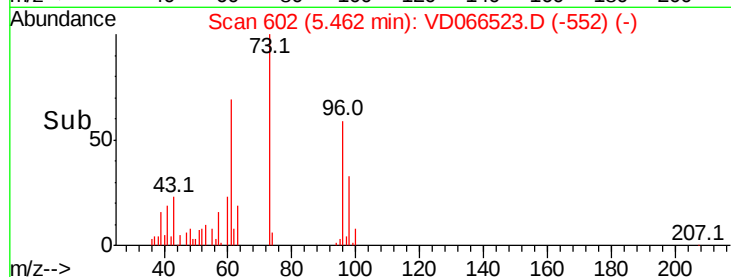
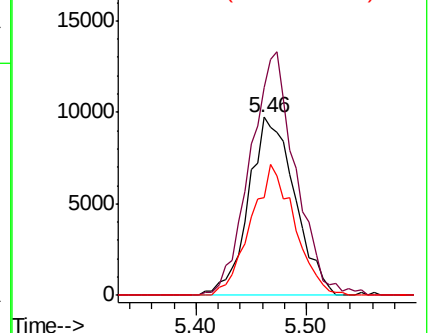
98 55.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.900 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Tgt Ion: 45 Resp: 57893

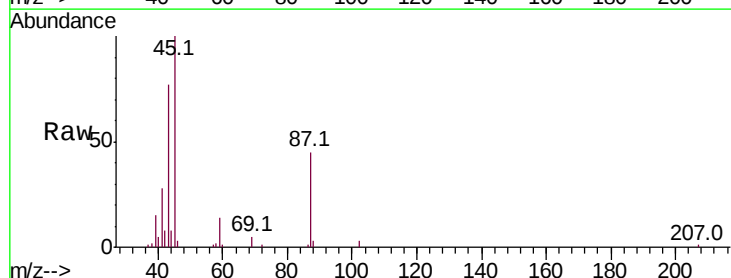
Ion Ratio Lower Upper

45 100

43 74.6 53.4 80.0

87 44.4 30.2 45.4

59 14.5 11.1 16.7

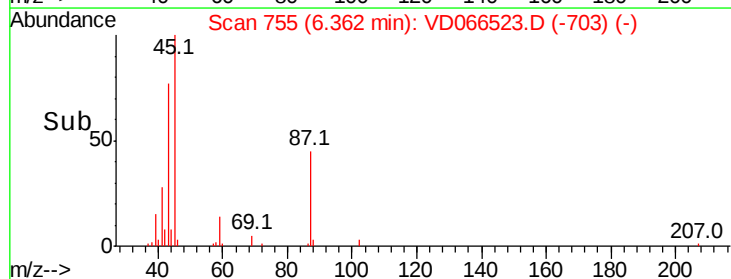
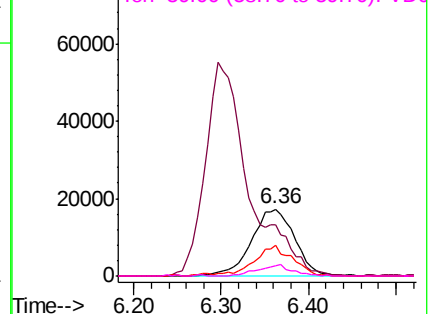


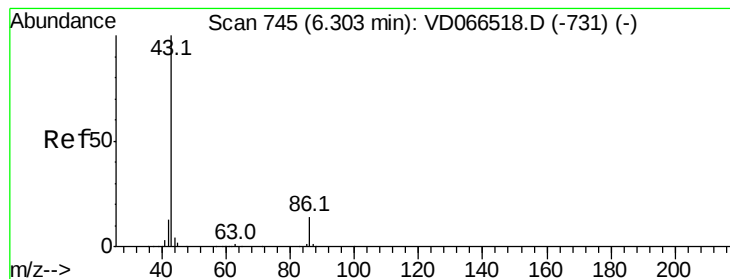
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 107.429 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

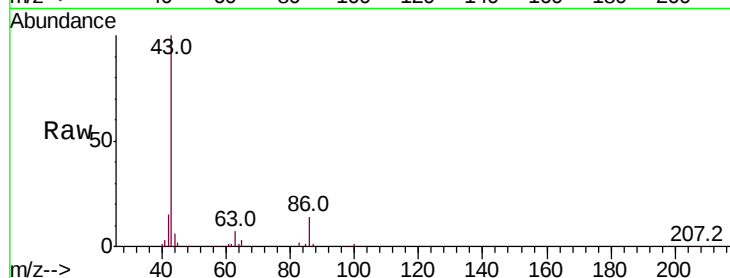
VD0902SBS01

Tot Ion: 43 Resp: 191315

Ion Ratio Lower Upper

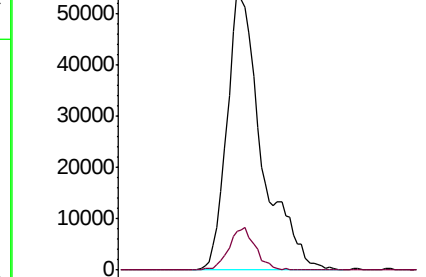
43 100

86 13.8 11.3 16.9

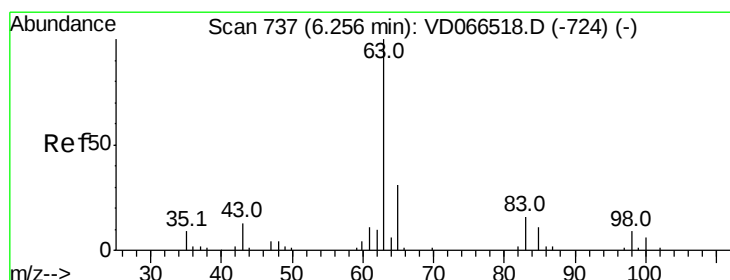
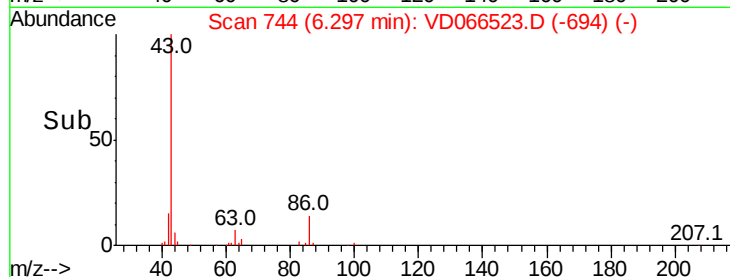


Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



Time-->



#24

1,1-Dichloroethane

Concen: 20.869 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

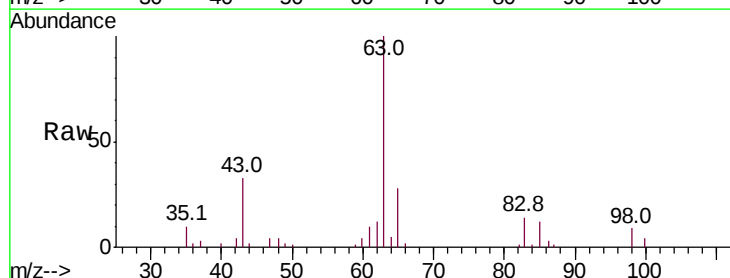
Tgt Ion: 63 Resp: 45401

Ion Ratio Lower Upper

63 100

98 9.0 4.3 13.1

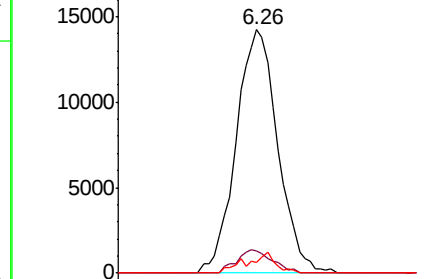
100 4.4 2.9 8.7



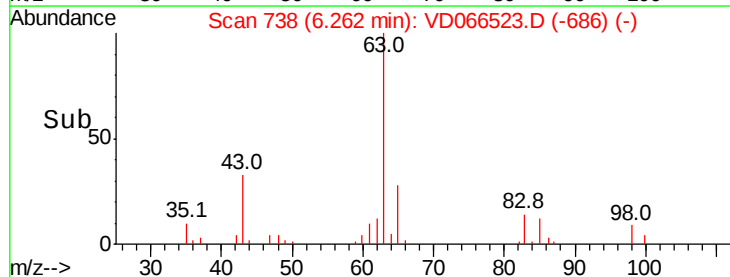
Abundance Ion 62.90 (62.60 to 63.60): VDC

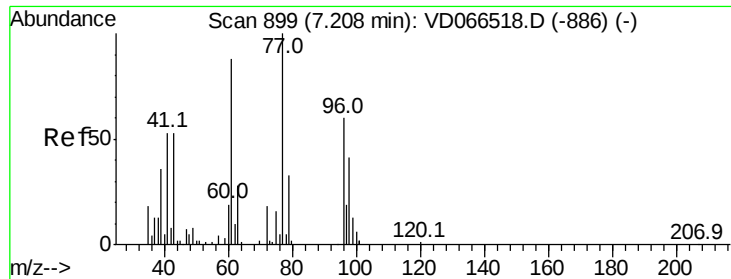
Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC



Time-->

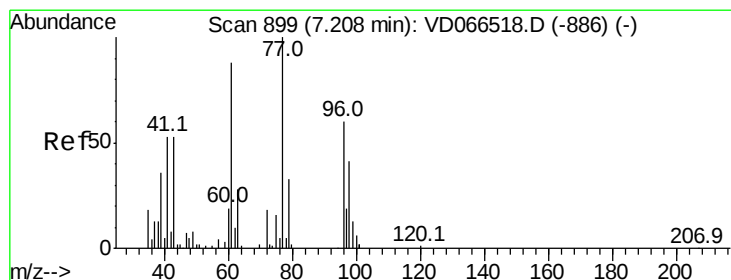
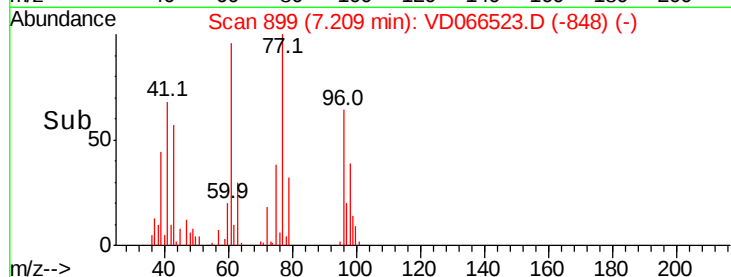
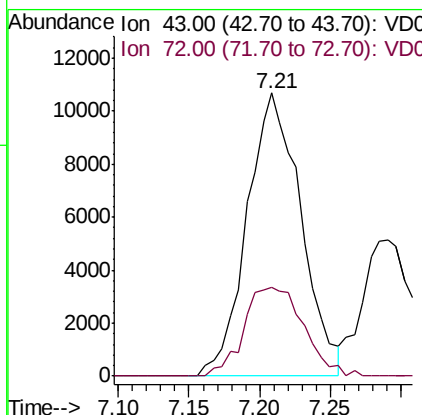
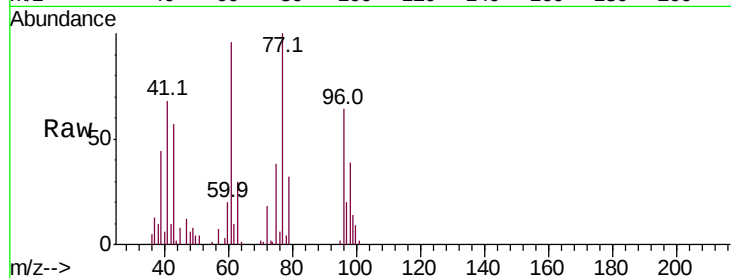




#25
 2-Butanone
 Concen: 104.574 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

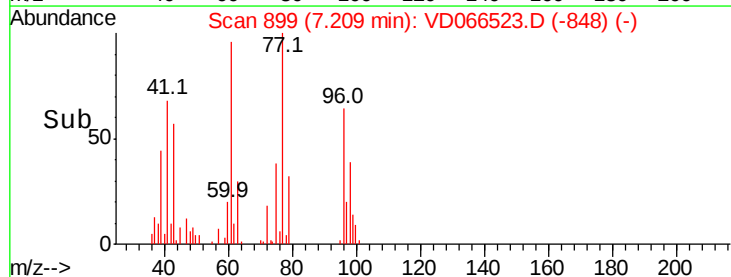
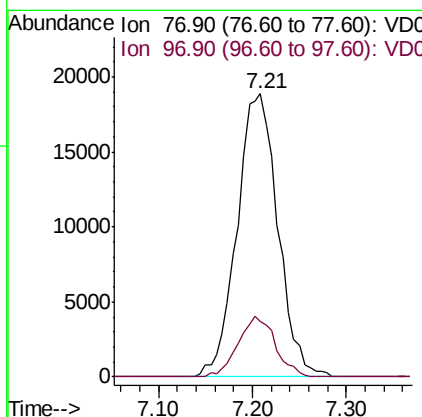
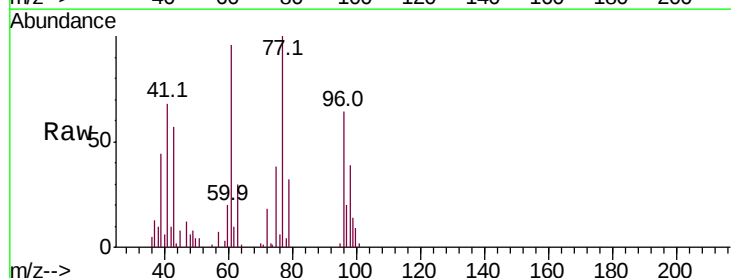
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

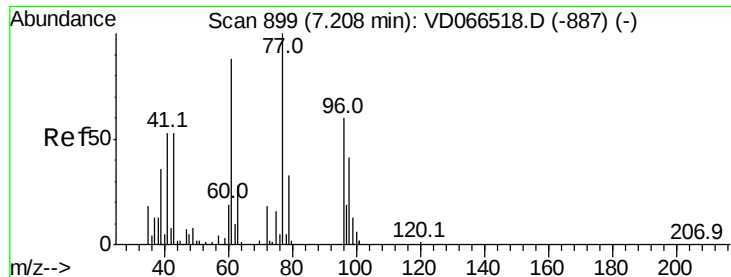
Tot Ion: 43 Resp: 28529
 Ion Ratio Lower Upper
 43 100
 72 31.6 26.8 40.2



#26
 2,2-Dichloropropane
 Concen: 20.578 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 77 Resp: 56727
 Ion Ratio Lower Upper
 77 100
 97 19.5 10.2 30.4



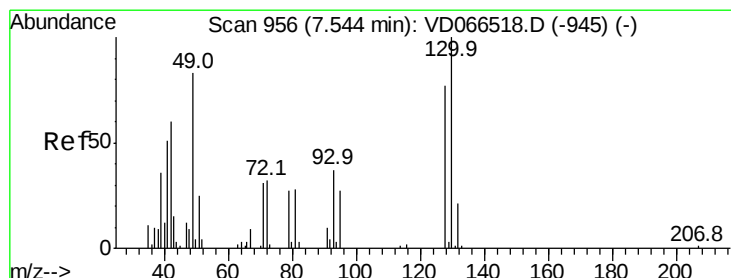
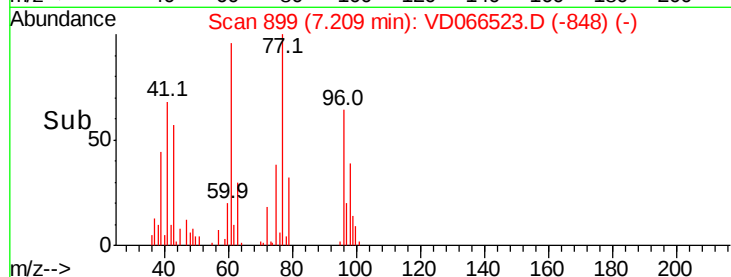
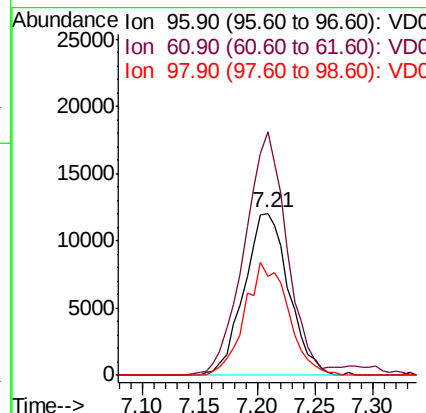
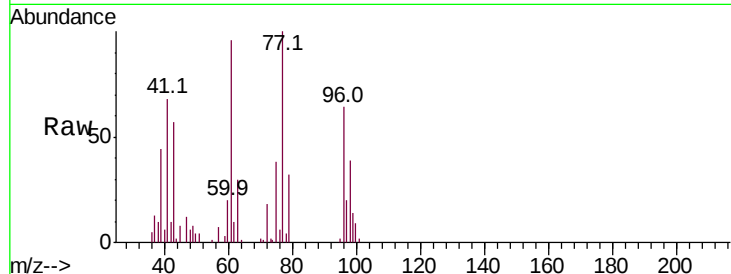


#27

cis-1,2-Dichloroethene
 Concen: 21.102 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

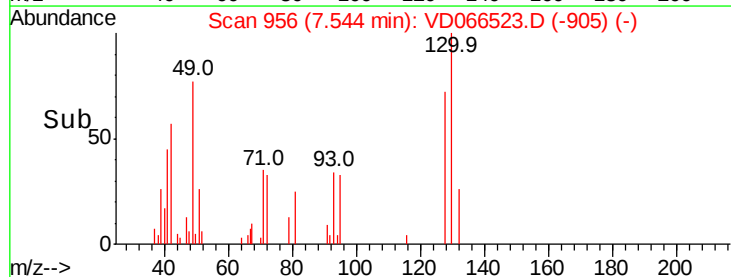
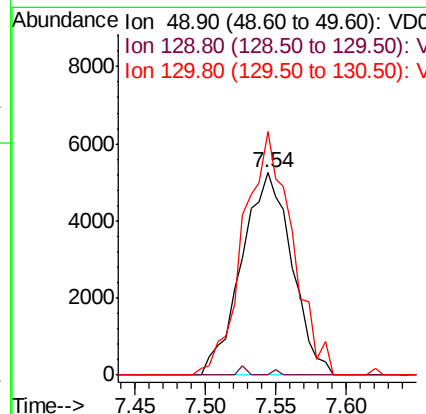
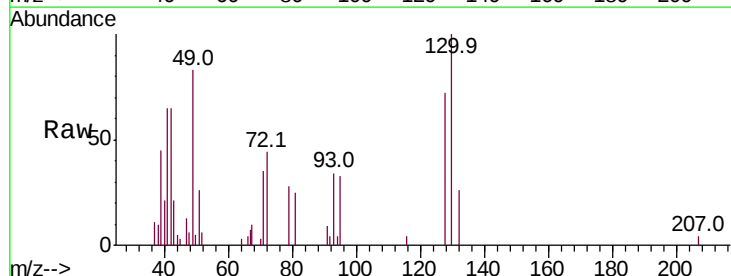
Tot Ion: 96 Resp: 32364
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 292.8
 98 67.8 0.0 130.2

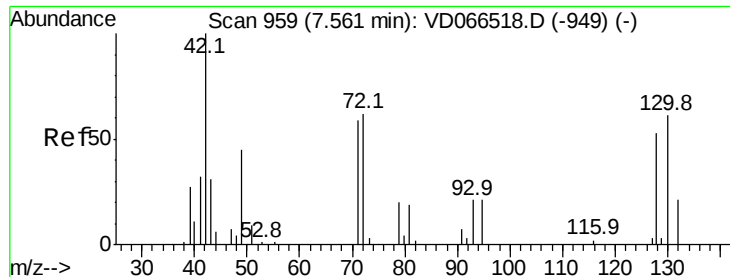


#28

Bromochloromethane
 Concen: 20.740 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 49 Resp: 13054
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 1.2
 130 116.7 98.0 147.0





#29

Tetrahydrofuran

Concen: 107.121 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

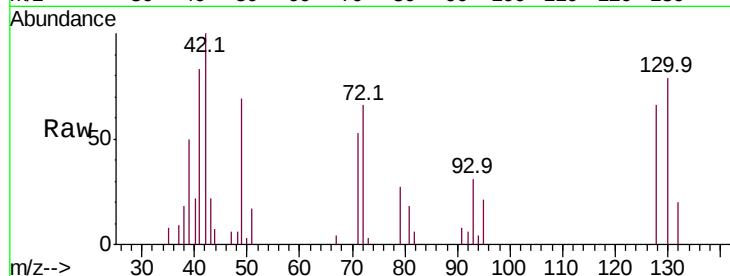
Tot Ion: 42 Resp: 15023

Ion Ratio Lower Upper

42 100

72 63.9 48.6 72.8

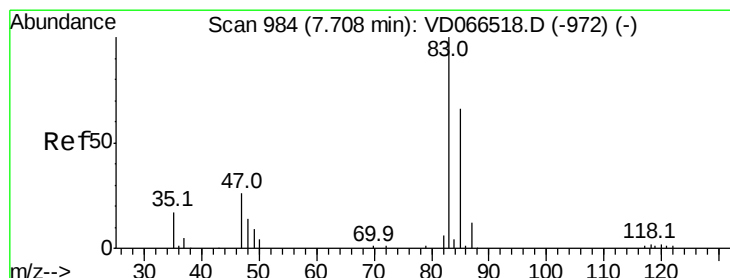
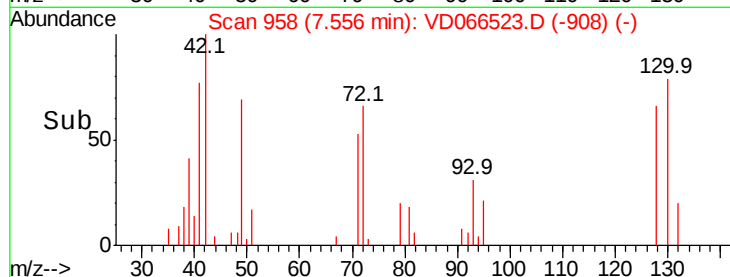
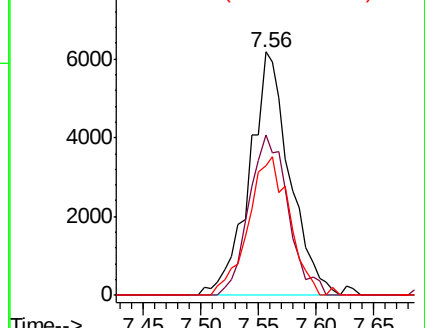
71 57.9 43.2 64.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.709 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.00 min

Lab File: VD066523.D

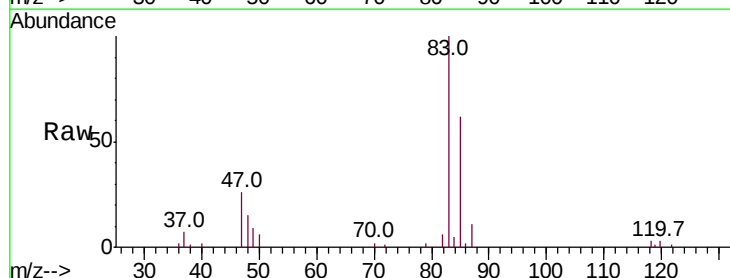
Acq: 02 Sep 2020 15:26

Tgt Ion: 83 Resp: 58175

Ion Ratio Lower Upper

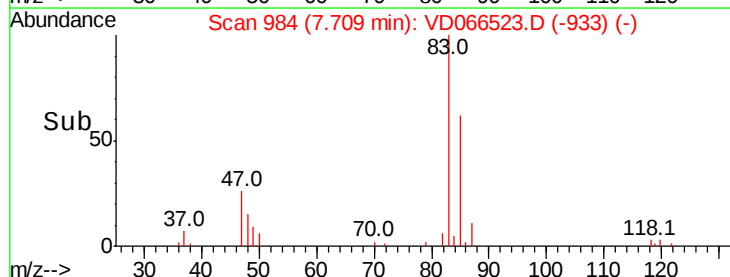
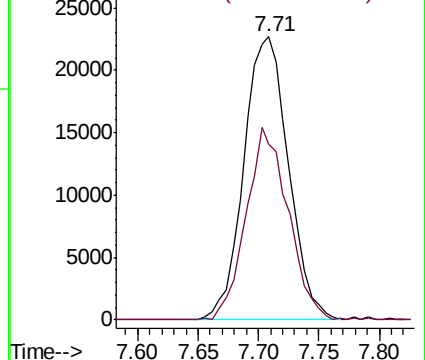
83 100

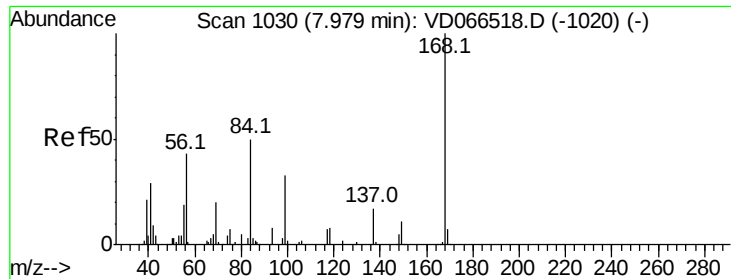
85 62.1 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

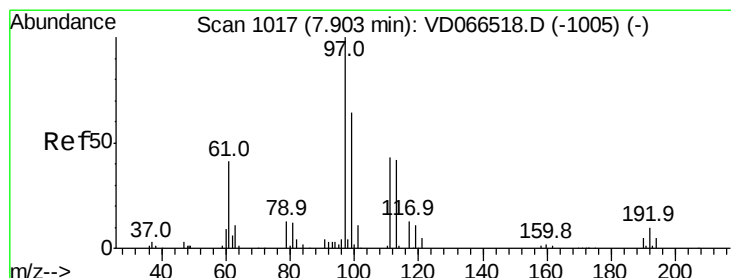
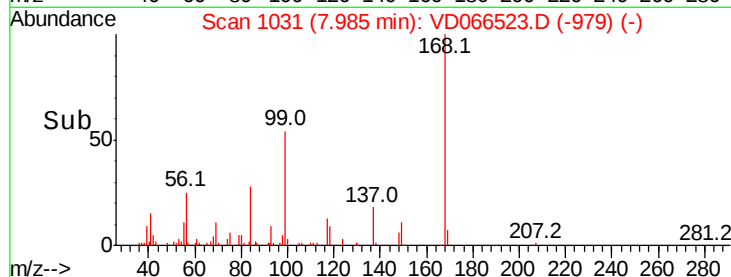
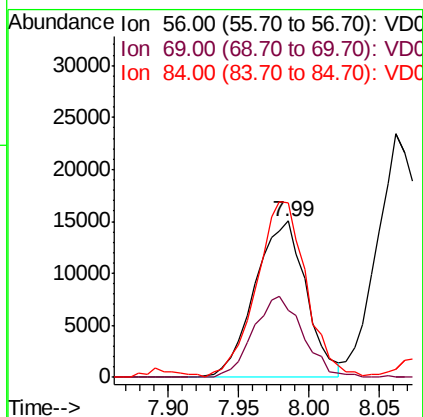
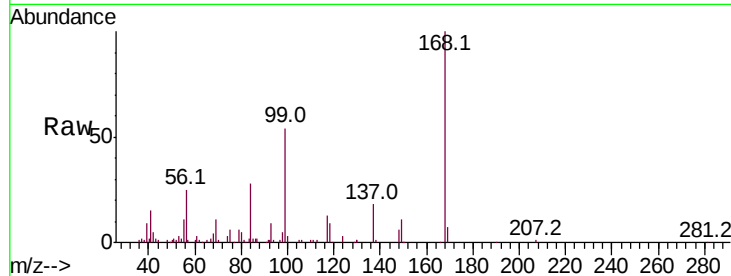




#31
Cyclohexane
Concen: 21.200 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

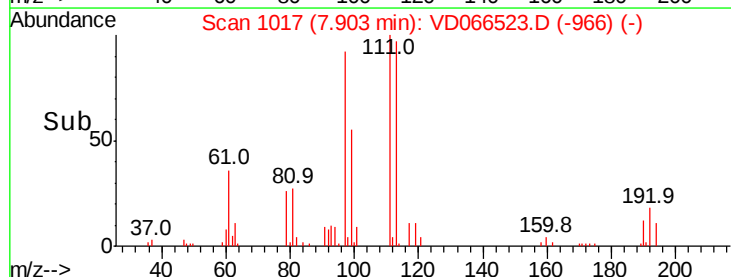
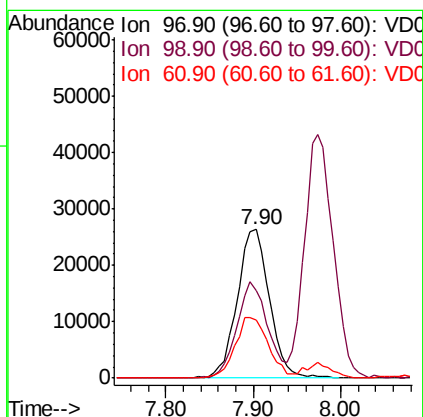
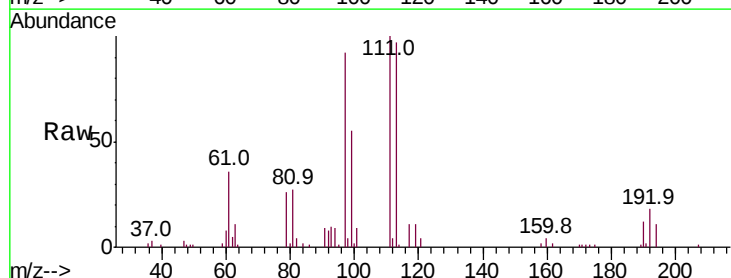
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

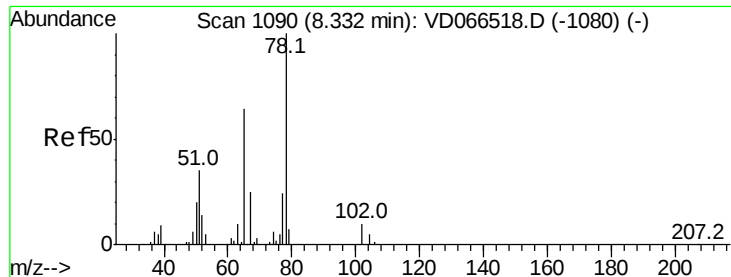
Tot Ion: 56 Resp: 38414
Ion Ratio Lower Upper
56 100
69 42.7 36.8 55.2
84 109.7 93.4 140.0



#32
1,1,1-Trichloroethane
Concen: 20.961 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 97 Resp: 65580
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 41.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.027 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

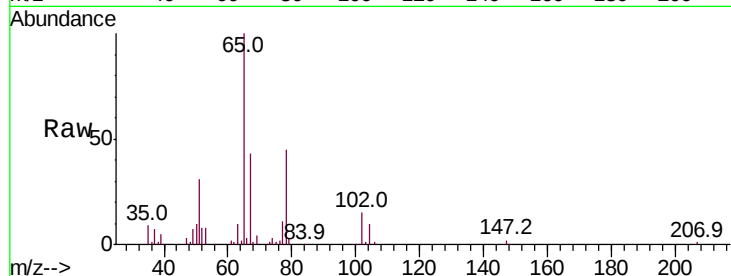
VD0902SBS01

Tot Ion: 65 Resp: 98072

Ion Ratio Lower Upper

65 100

67 44.8 0.0 88.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

40000

30000

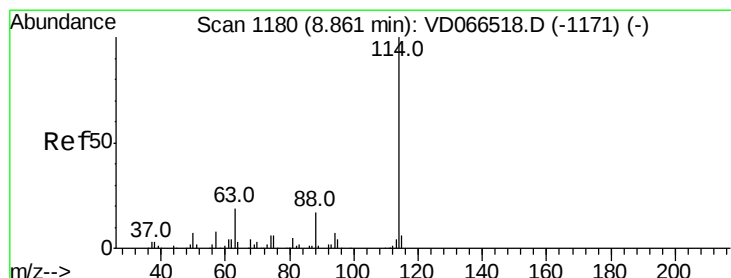
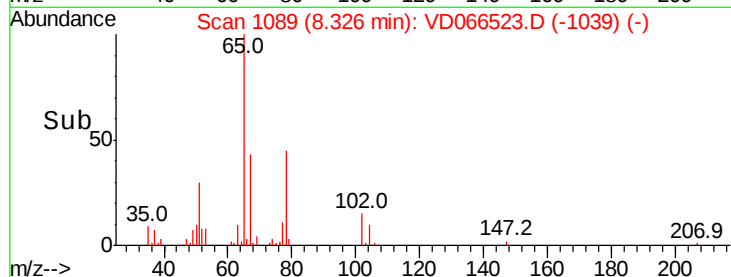
20000

10000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

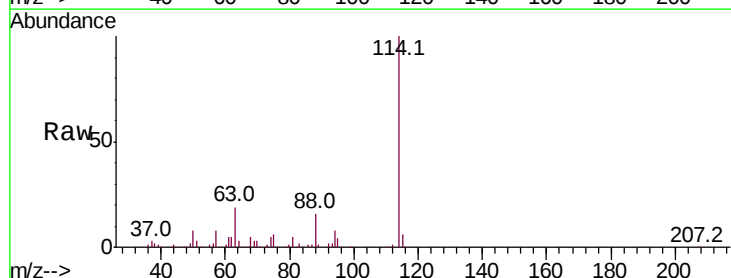
Tgt Ion: 114 Resp: 229017

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 15.9 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

150000

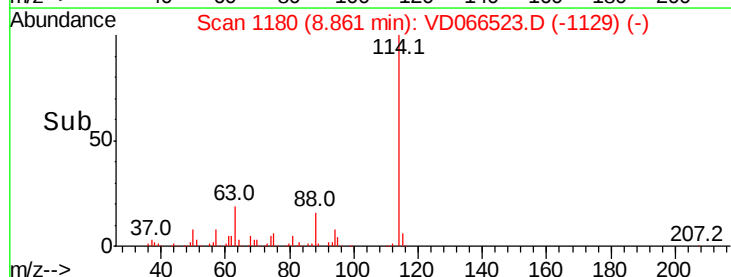
100000

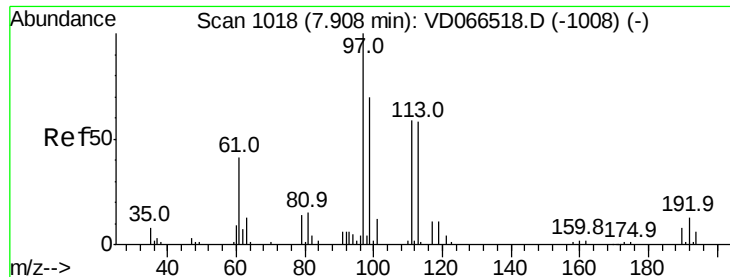
50000

0

8.80 8.90 9.00

Time-->





#35

Dibromofluoromethane

Concen: 57.073 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

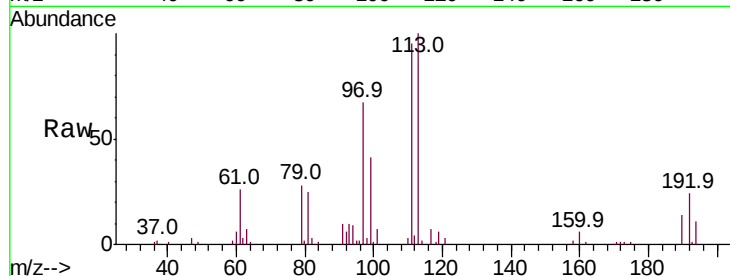
Tot Ion:113 Resp: 78614

Ion Ratio Lower Upper

113 100

111 98.6 82.5 123.7

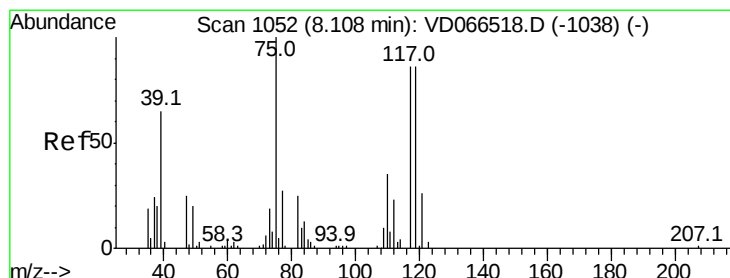
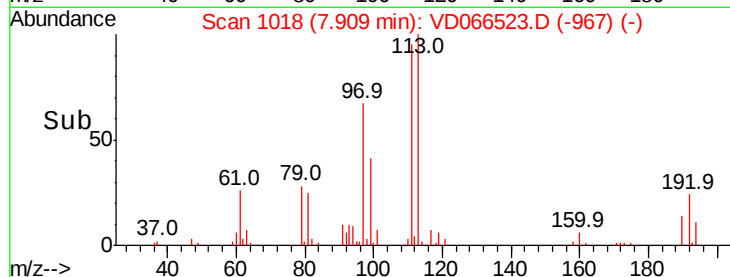
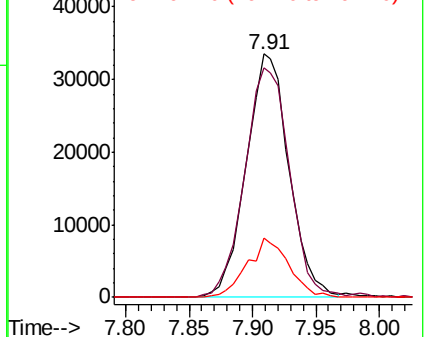
192 23.6 20.7 31.1



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: 21.099 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

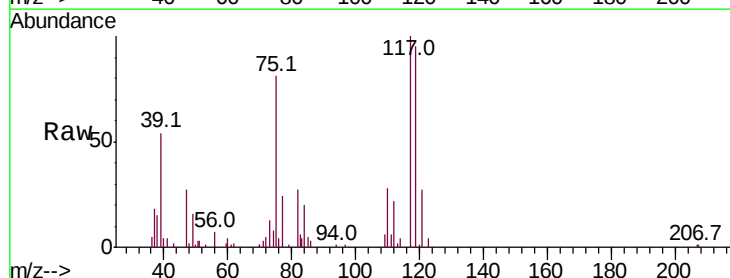
Tgt Ion: 75 Resp: 42357

Ion Ratio Lower Upper

75 100

110 36.6 18.4 55.2

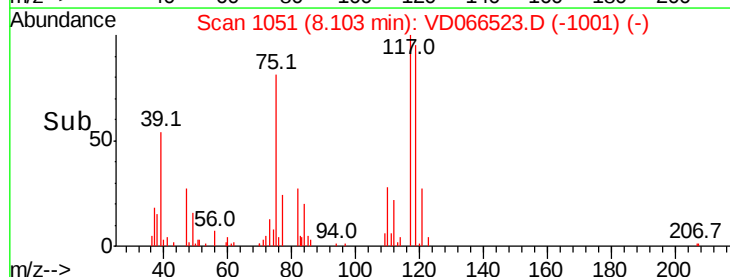
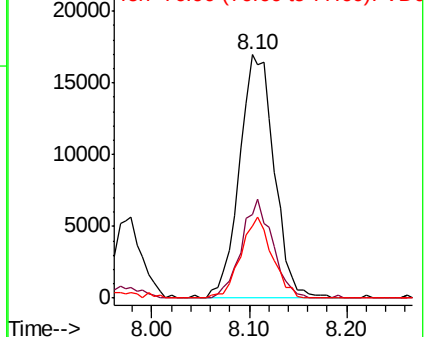
77 29.9 24.6 36.8

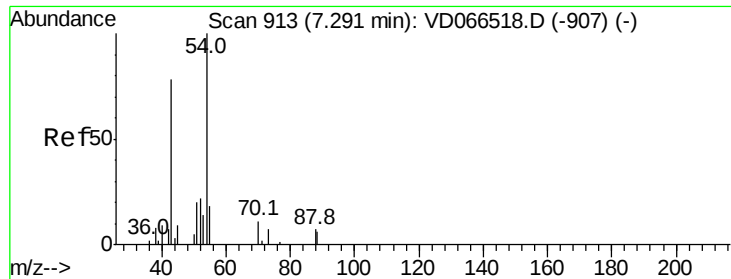


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

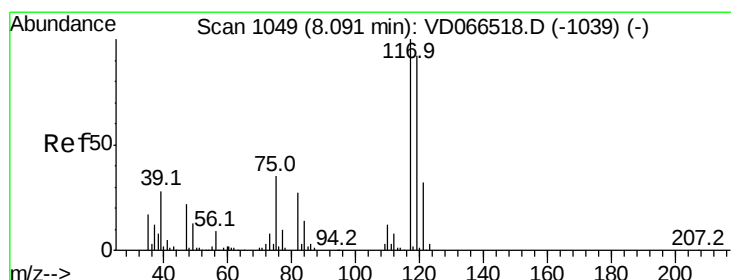
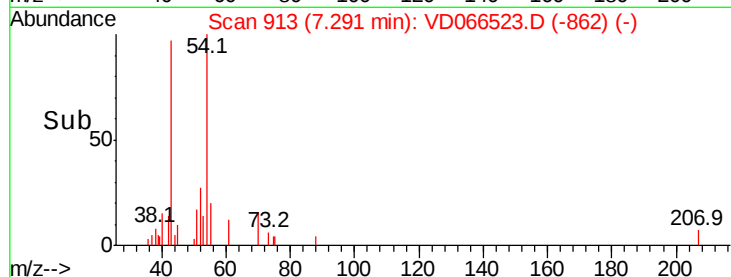
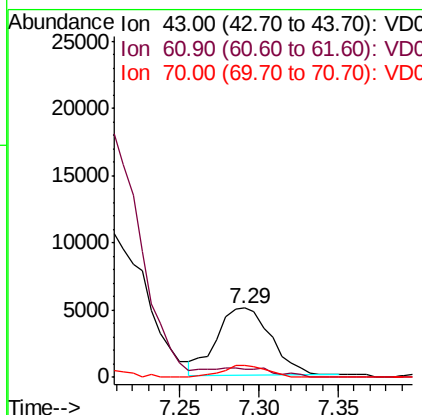
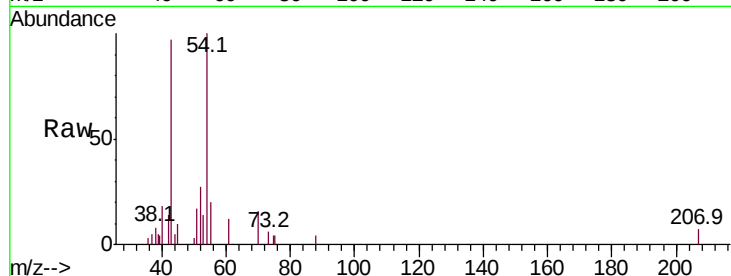




#37
Ethyl Acetate
Concen: 19.950 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

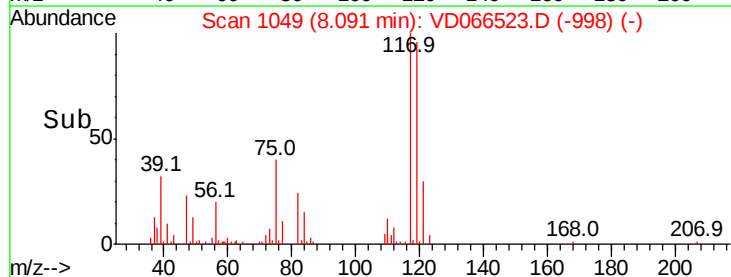
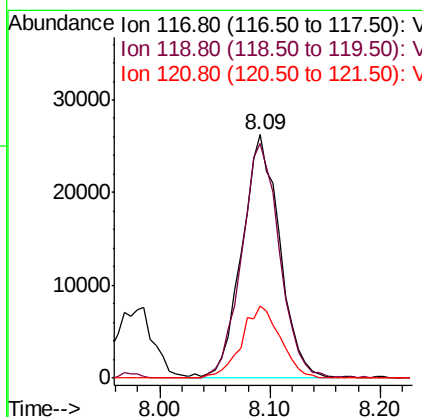
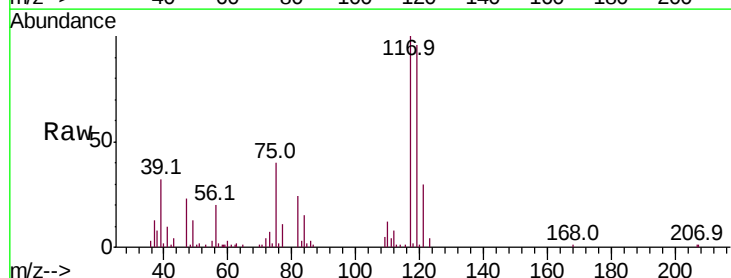
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

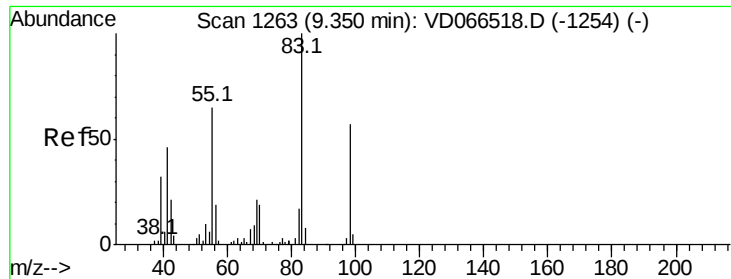
Tot Ion: 43 Resp: 12022
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 14.3 10.2 15.2



#38
Carbon Tetrachloride
Concen: 20.601 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 117 Resp: 63003
Ion Ratio Lower Upper
117 100
119 96.4 73.9 110.9
121 29.7 25.6 38.4

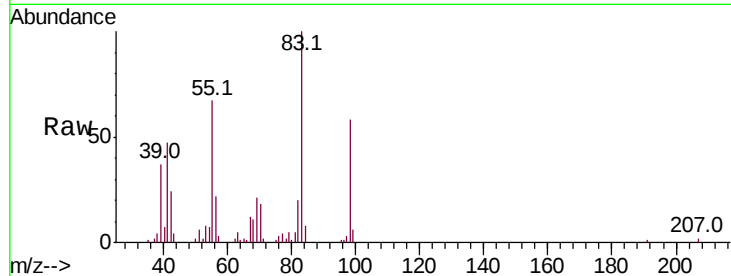




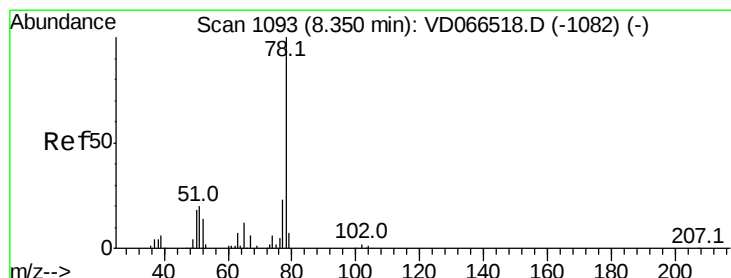
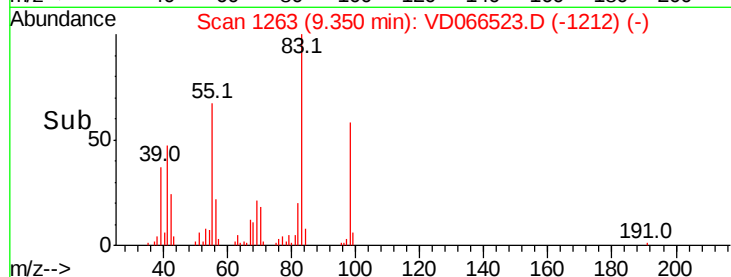
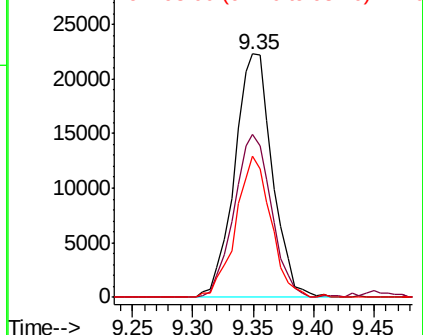
#39
Methvlcvclohexane
Concen: 20.741 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Tot Ion: 83 Resp: 48648
Ion Ratio Lower Upper
83 100
55 66.7 52.2 78.2
98 58.0 45.6 68.4

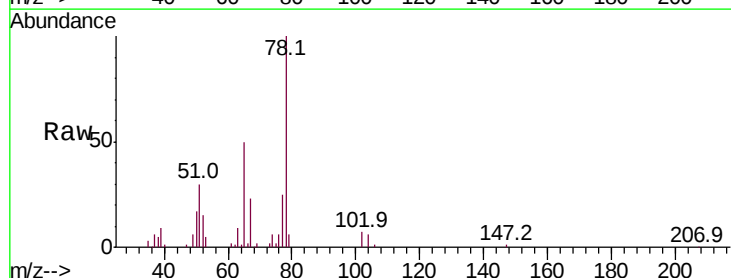


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

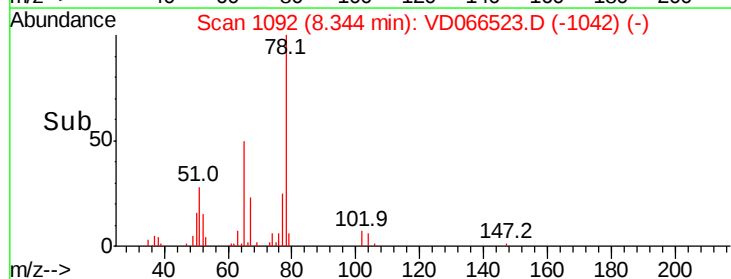
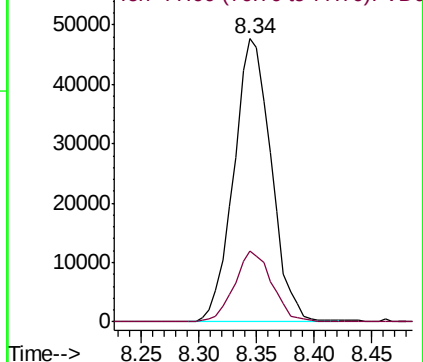


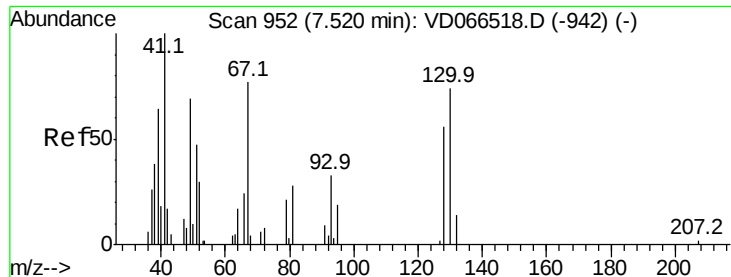
#40
Benzene
Concen: 20.795 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 78 Resp: 107694
Ion Ratio Lower Upper
78 100
77 25.0 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

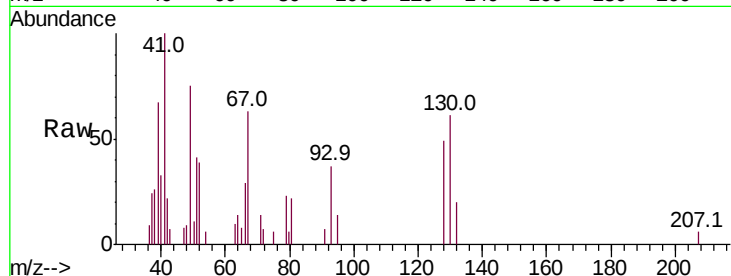




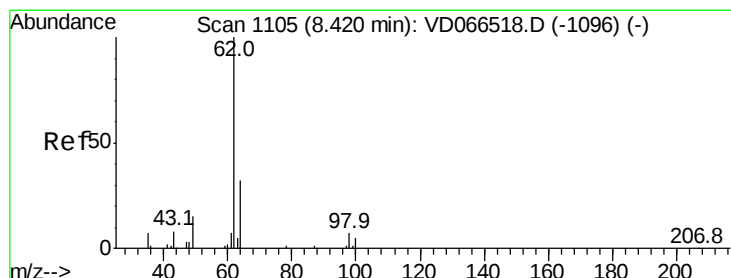
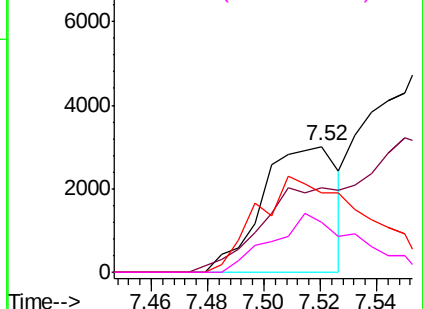
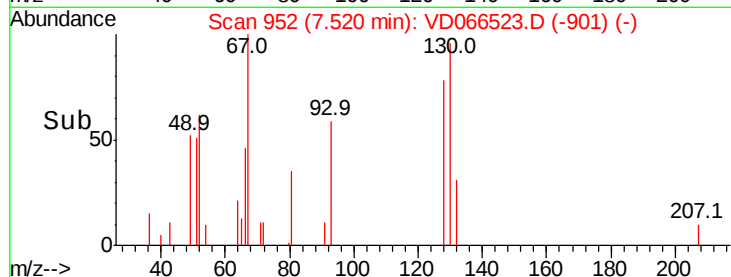
#41
Methacrylonitrile
Concen: 17.934 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleID :
VD0902SBS01

Tot Ion: 41 Resp: 5623
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 109.6 85.0 127.4
52 52.0 38.8 58.2

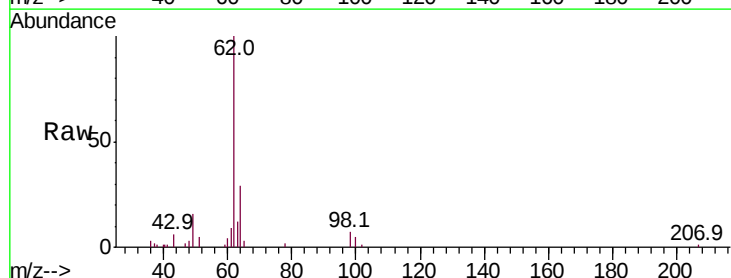


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

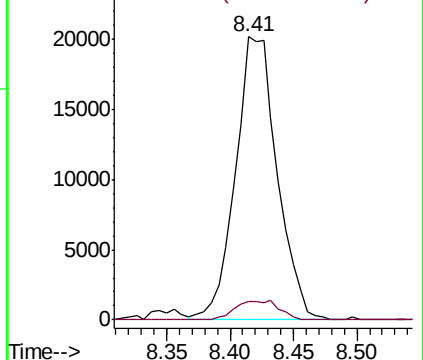
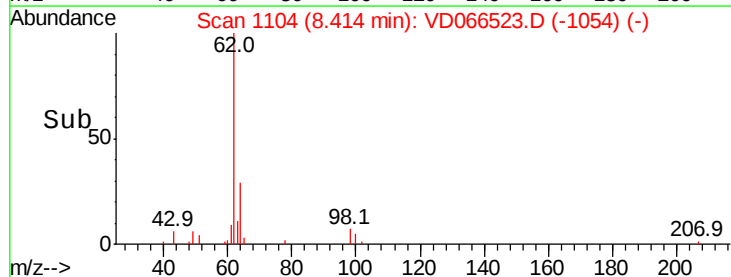


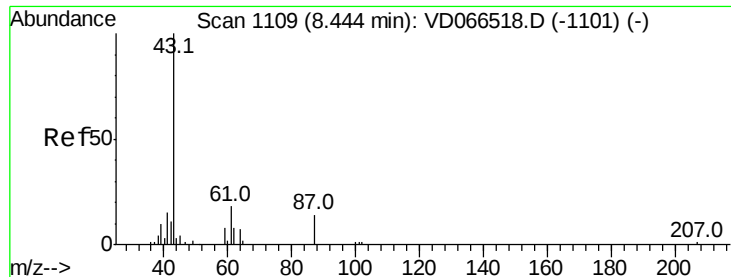
#42
1,2-Dichloroethane
Concen: 21.066 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 62 Resp: 46152
Ion Ratio Lower Upper
62 100
98 7.1 0.0 15.2



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





#43

Isopropyl Acetate

Concen: 20.892 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

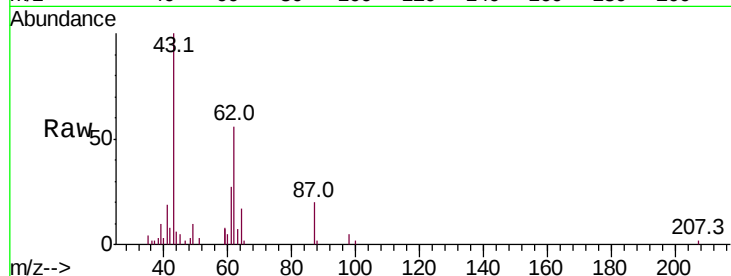
Tot Ion: 43 Resp: 26373

Ion Ratio Lower Upper

43 100

61 34.8 26.9 40.3

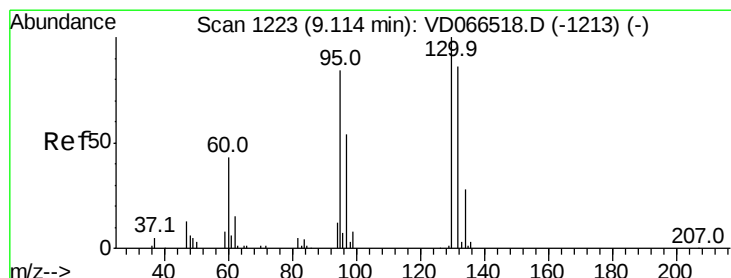
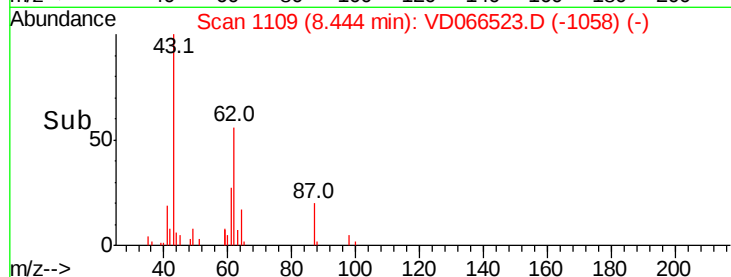
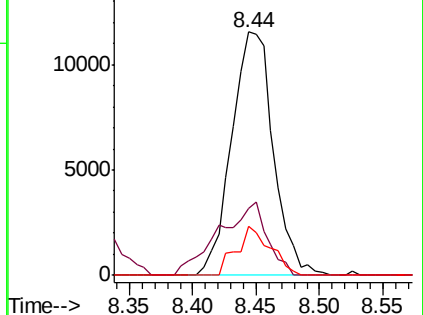
87 16.3 12.9 19.3



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: 21.111 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.01 min

Lab File: VD066523.D

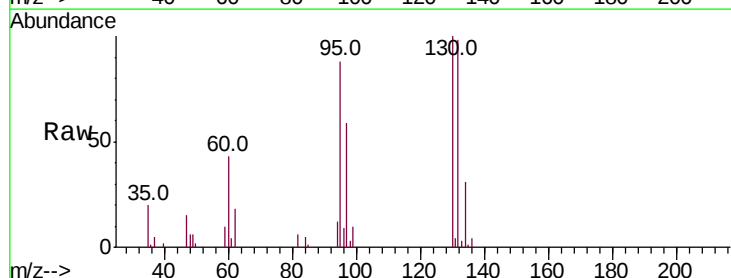
Acq: 02 Sep 2020 15:26

Tgt Ion:130 Resp: 37735

Ion Ratio Lower Upper

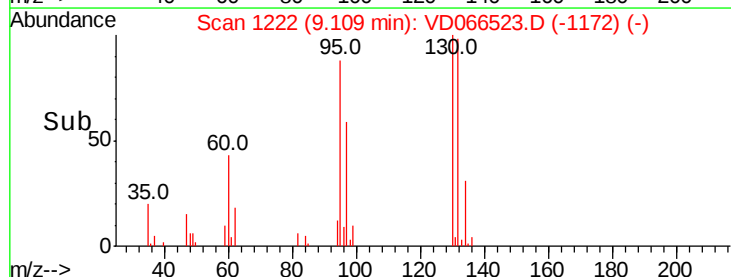
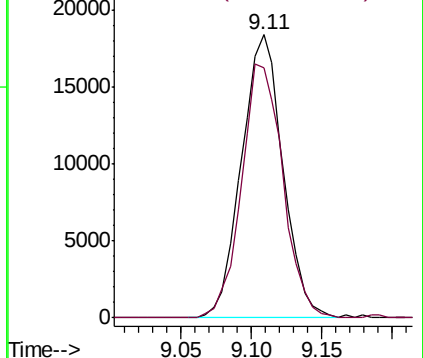
130 100

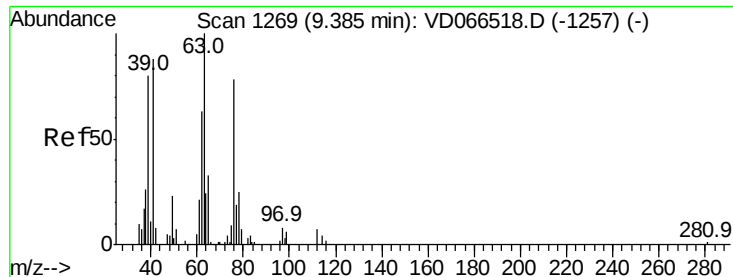
95 88.5 0.0 167.2



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.300 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

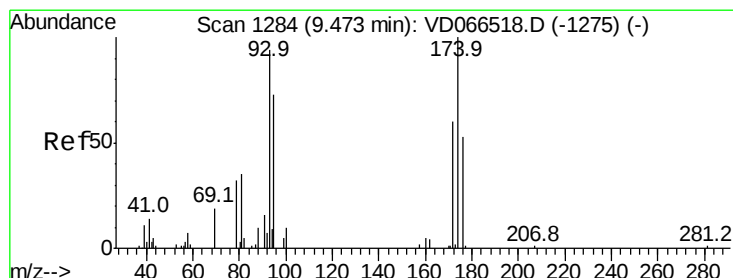
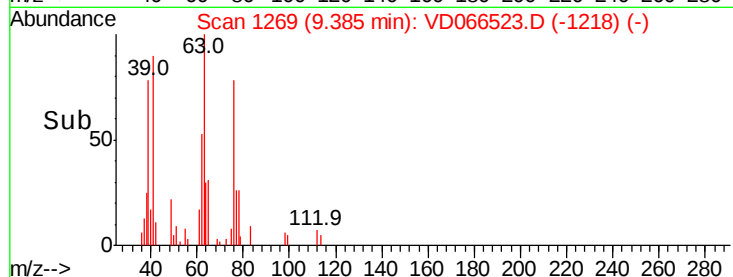
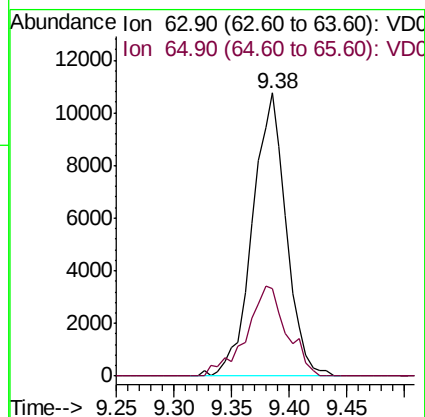
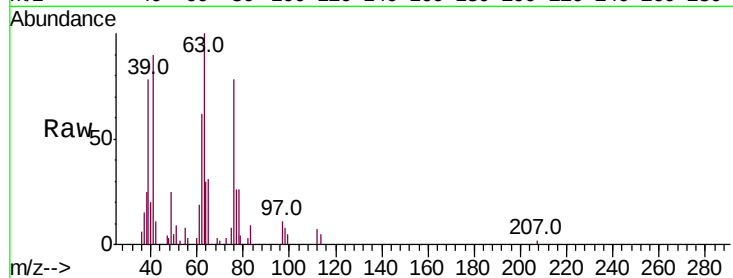
VD0902SBS01

Tot Ion: 63 Resp: 21886

Ion Ratio Lower Upper

63 100

65 31.0 26.2 39.4



#46

Dibromomethane

Concen: 21.005 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

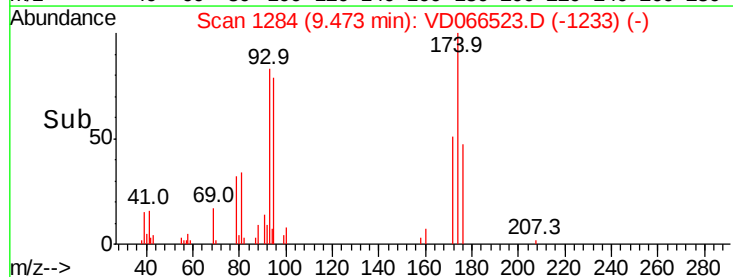
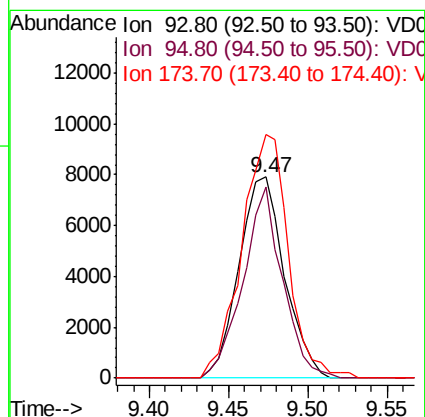
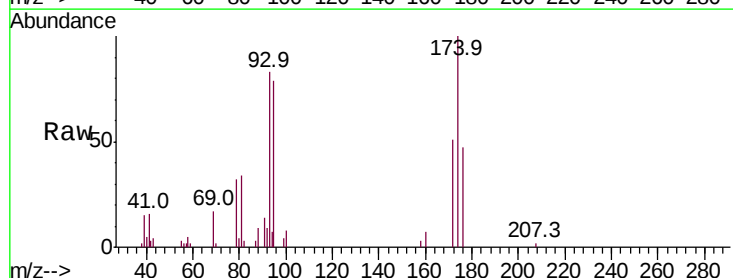
Tgt Ion: 93 Resp: 15801

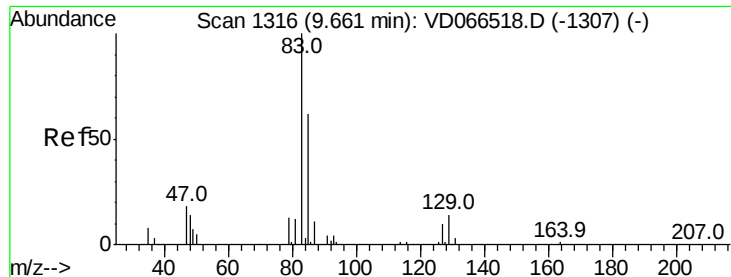
Ion Ratio Lower Upper

93 100

95 82.5 63.9 95.9

174 124.0 94.4 141.6

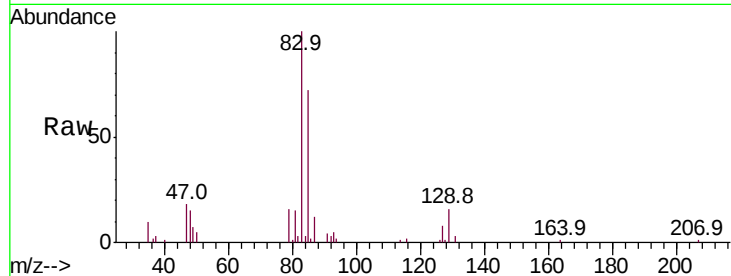




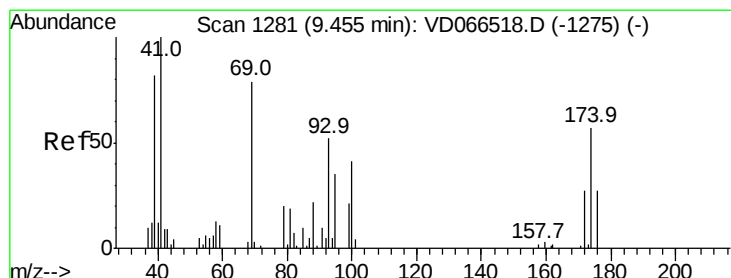
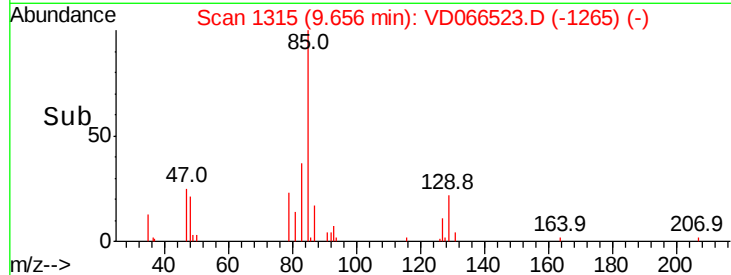
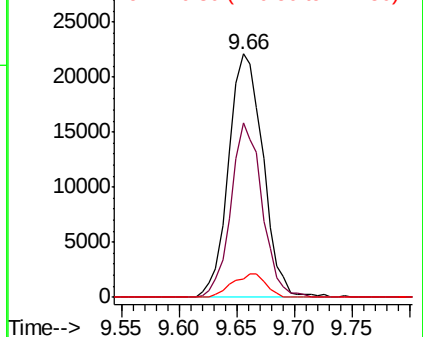
#47
Bromodichloromethane
Concen: 20.419 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Tot Ion: 83 Resp: 45652
Ion Ratio Lower Upper
83 100
85 71.6 49.6 74.4
127 7.8 7.8 11.6

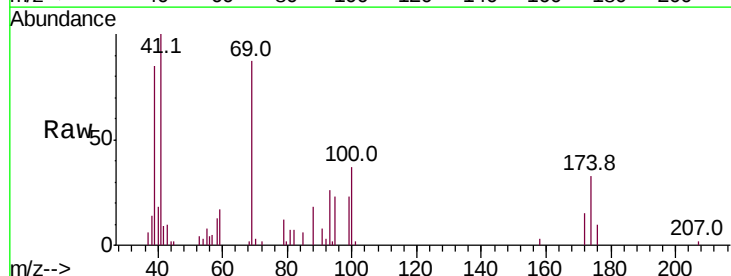


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

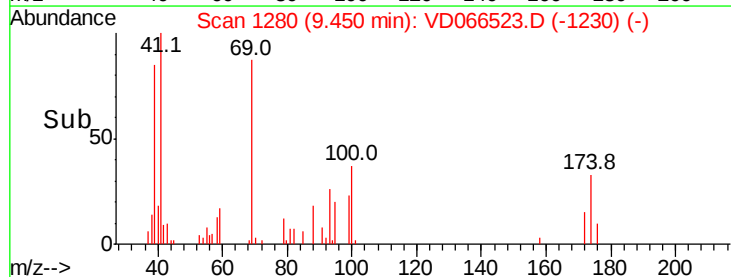
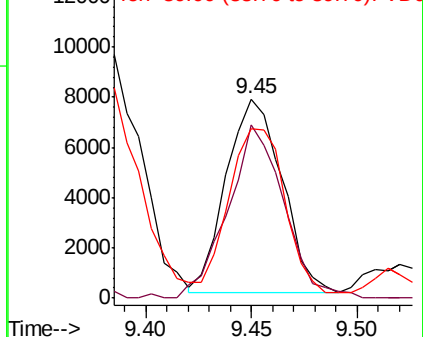


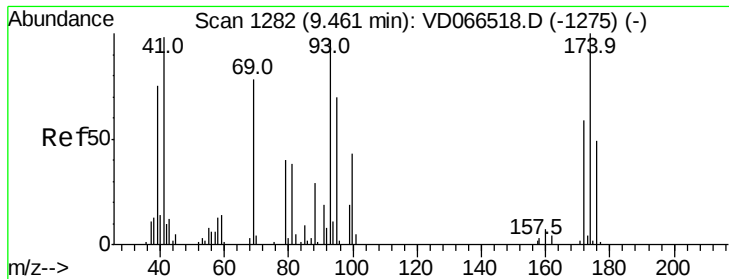
#48
Methyl methacrylate
Concen: 22.110 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 41 Resp: 14224
Ion Ratio Lower Upper
41 100
69 89.4 71.1 106.7
39 91.3 75.4 113.2



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

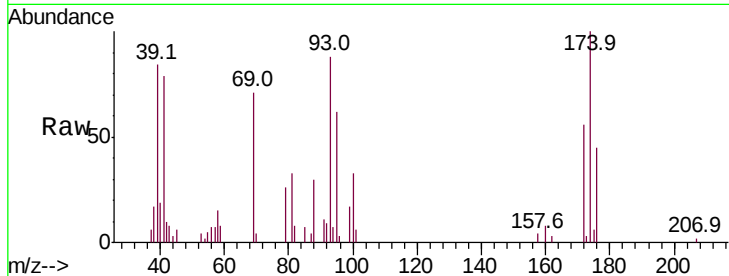




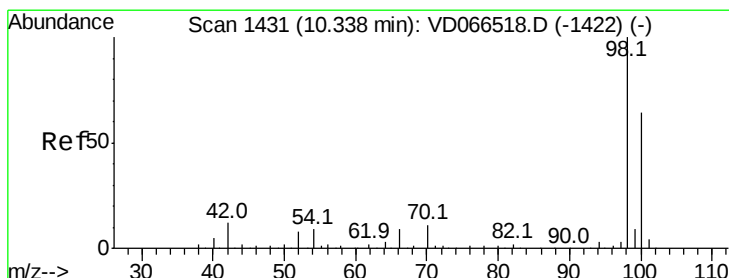
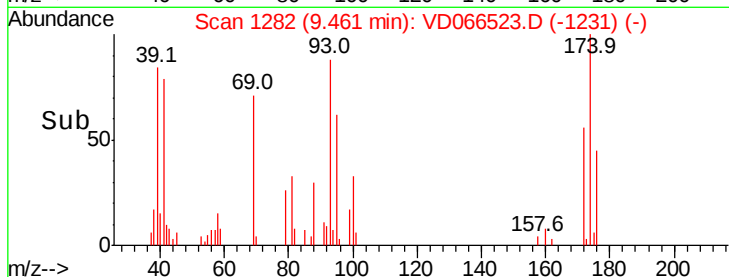
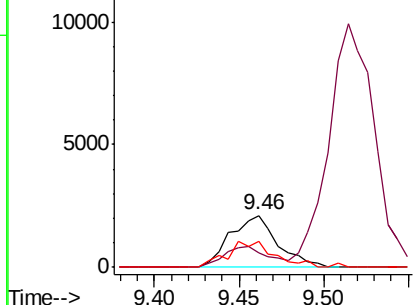
#49
1,4-Dioxane
Concen: 468.101 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Tot Ion: 88 Resp: 4076
Ion Ratio Lower Upper
88 100
43 38.4 33.8 50.6
58 50.0 46.2 69.4

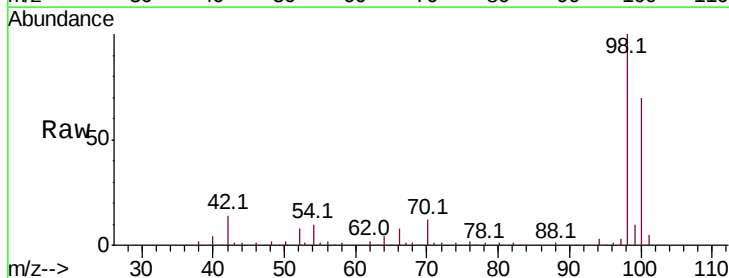


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

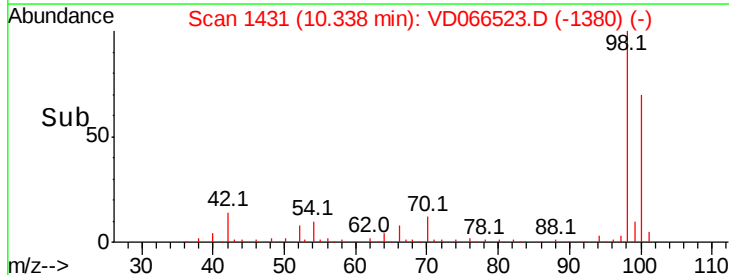
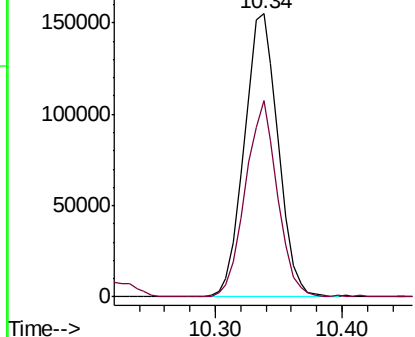


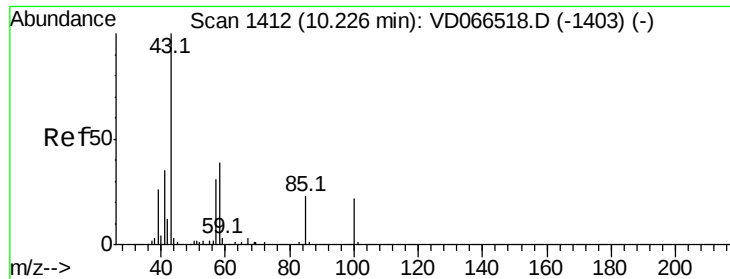
#50
Toluene-d8
Concen: 55.681 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 98 Resp: 287988
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2



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: 108.728 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

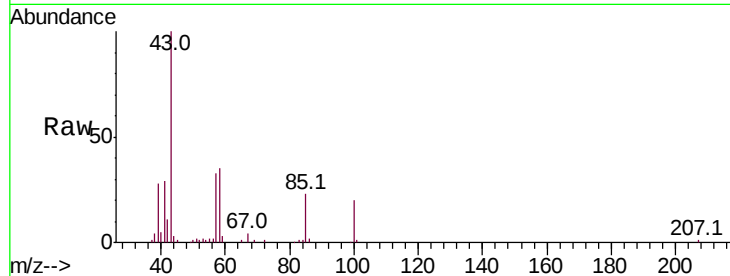
VD0902SBS01

Tot Ion: 43 Resp: 63113

Ion Ratio Lower Upper

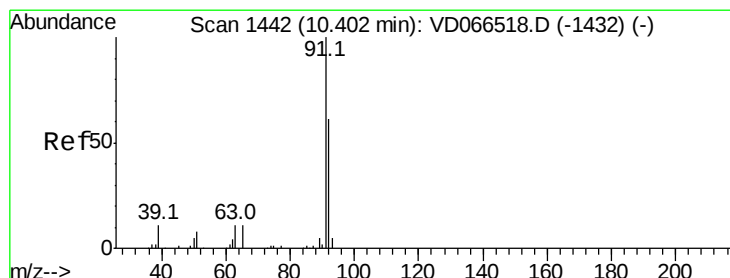
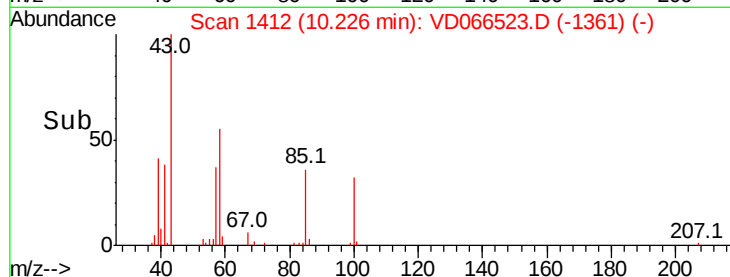
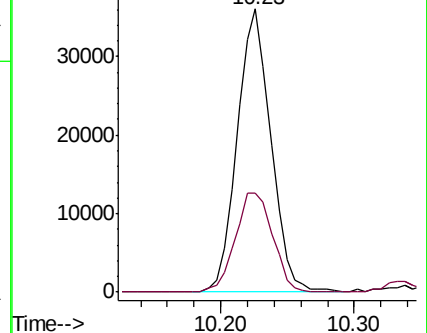
43 100

58 38.7 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 21.080 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066523.D

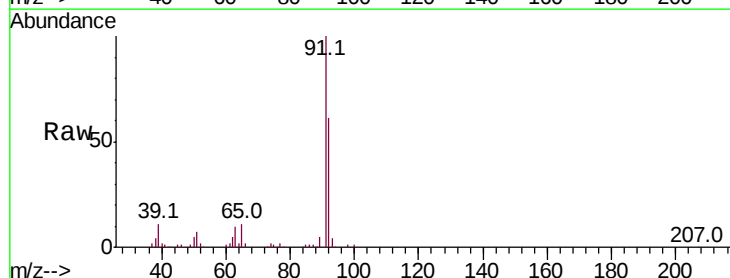
Acq: 02 Sep 2020 15:26

Tgt Ion: 92 Resp: 77649

Ion Ratio Lower Upper

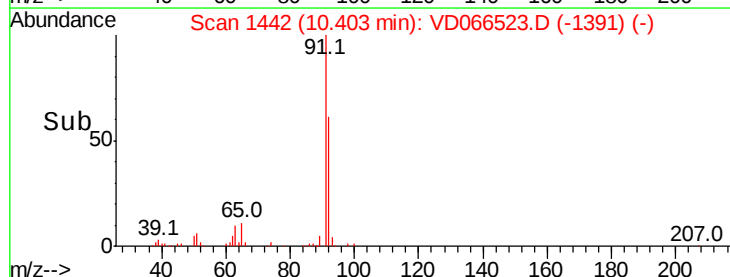
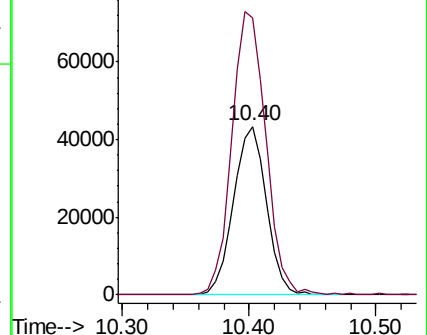
92 100

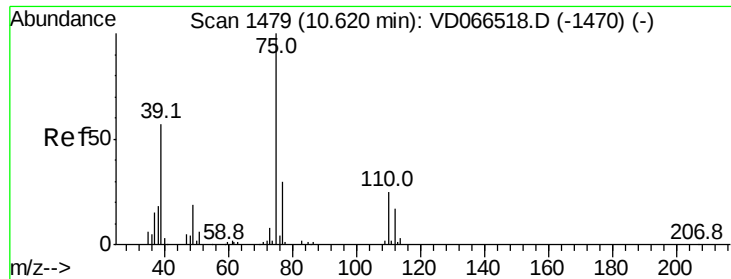
91 173.6 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#53

t-1,3-Dichloropropene

Concen: 20.476 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

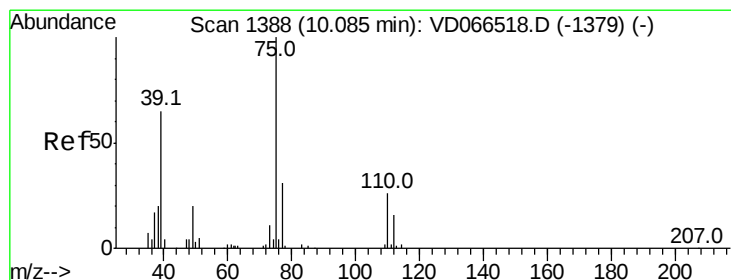
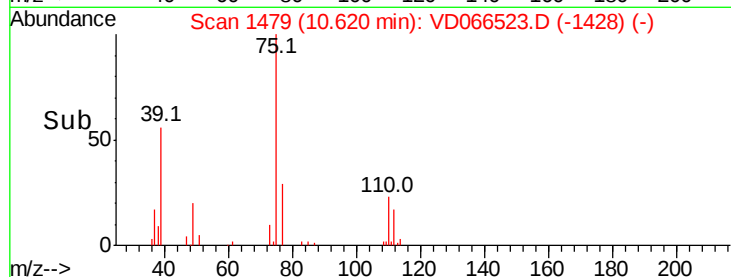
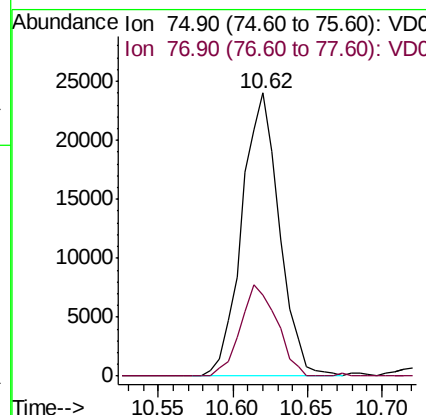
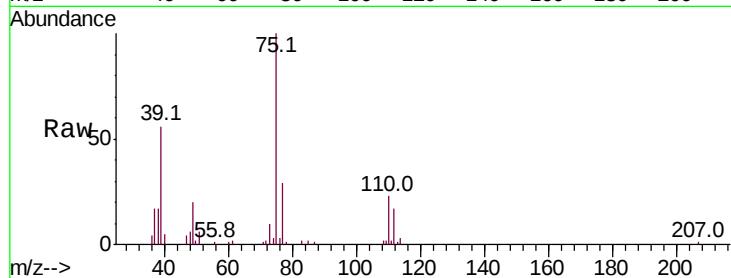
Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

Tot Ion: 75 Resp: 41827

Ion	Ratio	Lower	Upper
75	100		
77	28.8	23.7	35.5



#54

cis-1,3-Dichloropropene

Concen: 20.923 ug/l

RT: 10.08 min Scan# 1388

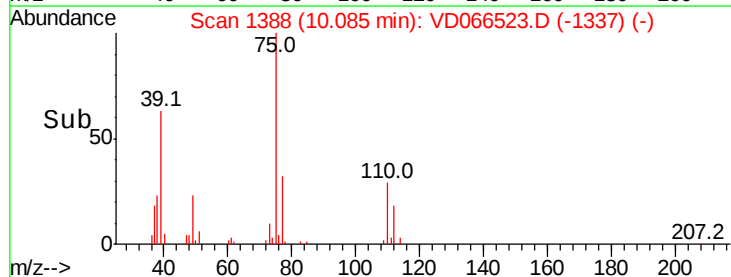
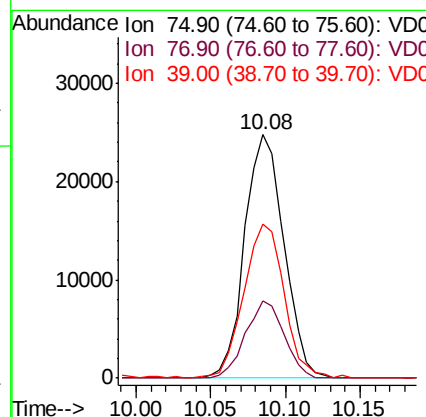
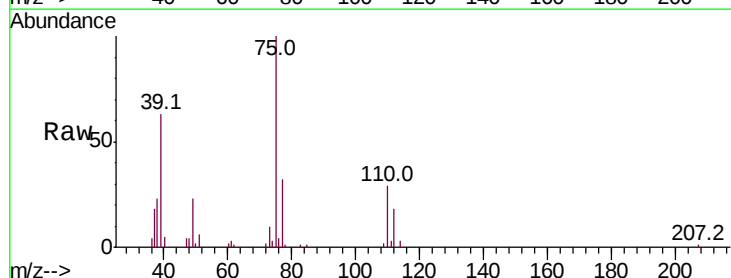
Delta R.T. 0.00 min

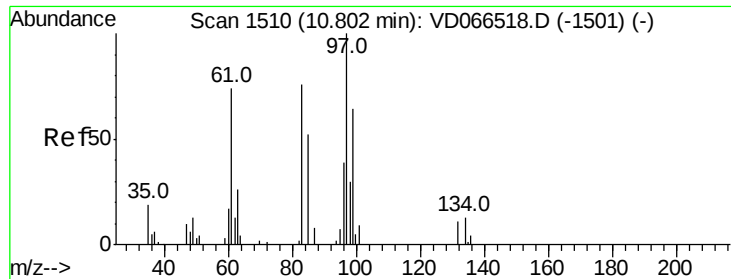
Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Tgt Ion: 75 Resp: 45027

Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.5	36.7
39	63.0	52.4	78.6

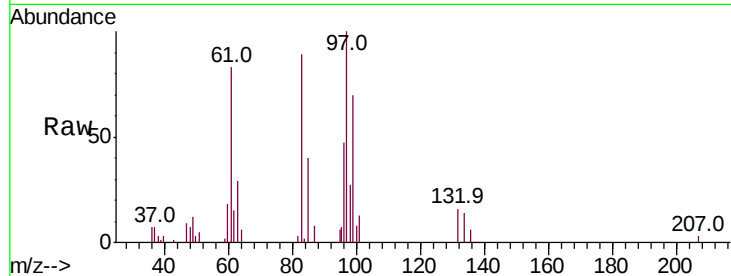




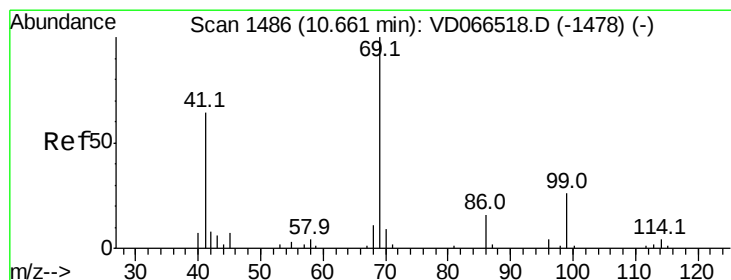
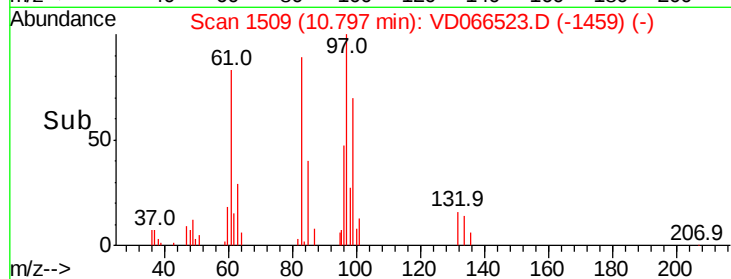
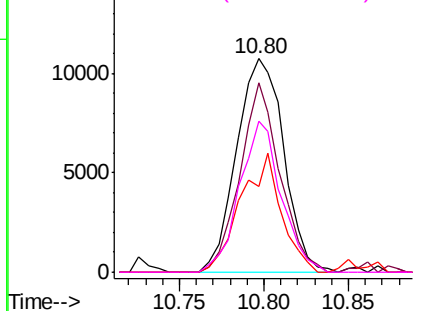
#55
 1,1,2-Trichloroethane
 Concen: 21.885 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Tot Ion:	97	Resp:	20803
Ion	Ratio	Lower	Upper
97	100		
83	89.0	61.2	91.8
85	40.0	42.0	63.0#
99	70.4	51.2	76.8

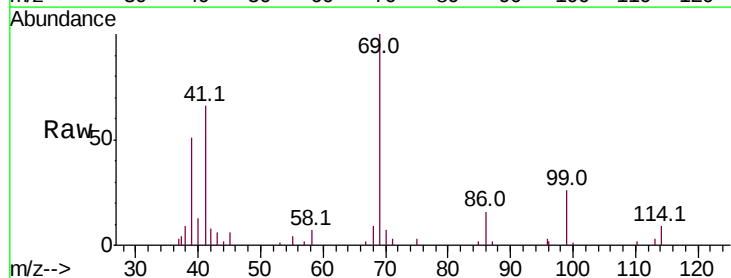


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

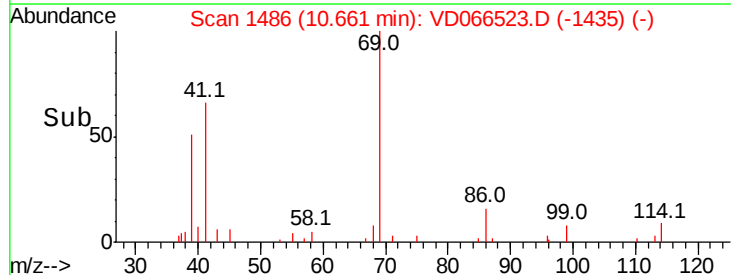
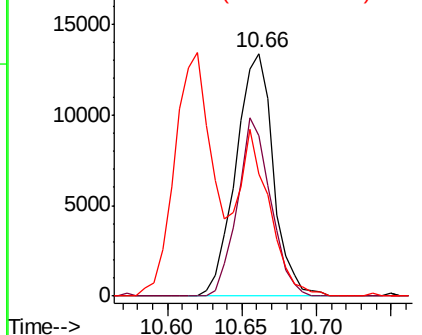


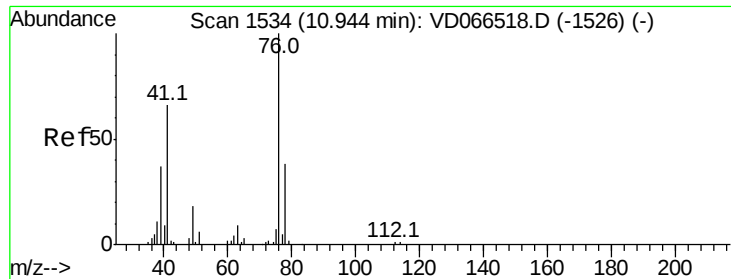
#56
 Ethyl methacrylate
 Concen: 20.850 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion:	69	Resp:	23325
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.5	78.7
39	58.3	42.1	63.1



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





#57

1,3-Dichloropropane

Concen: 20.895 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

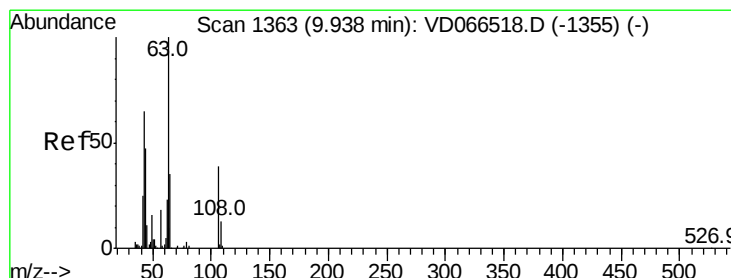
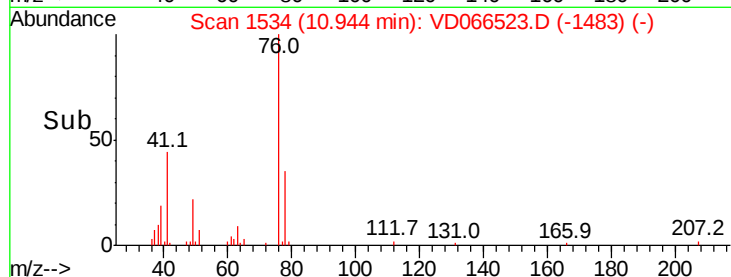
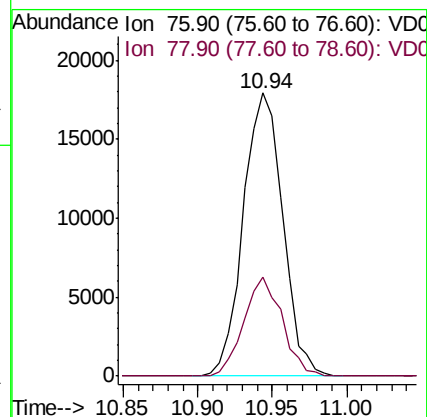
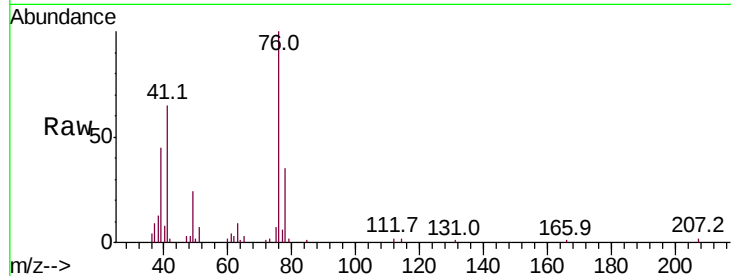
VD0902SBS01

Tot Ion: 76 Resp: 32800

Ion Ratio Lower Upper

76 100

78 34.1 28.2 42.2



#58

2-Chloroethyl Vinyl ether

Concen: 114.636 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066523.D

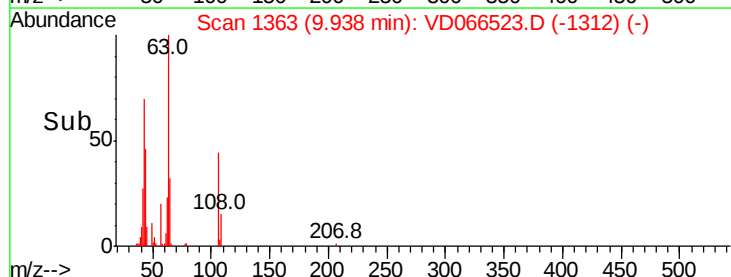
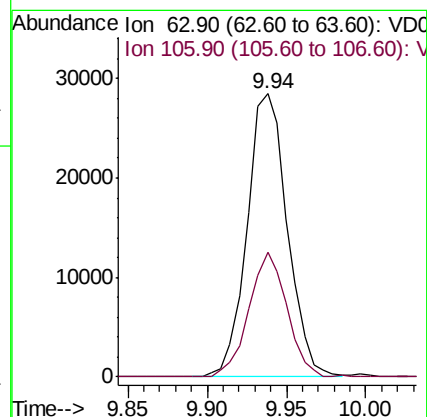
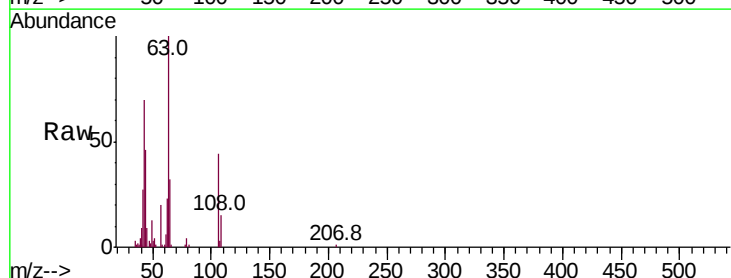
Acq: 02 Sep 2020 15:26

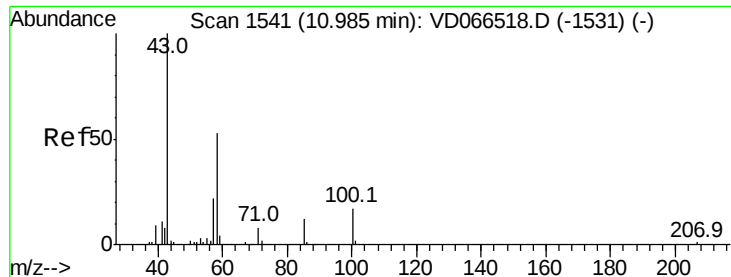
Tgt Ion: 63 Resp: 50060

Ion Ratio Lower Upper

63 100

106 41.5 32.1 48.1

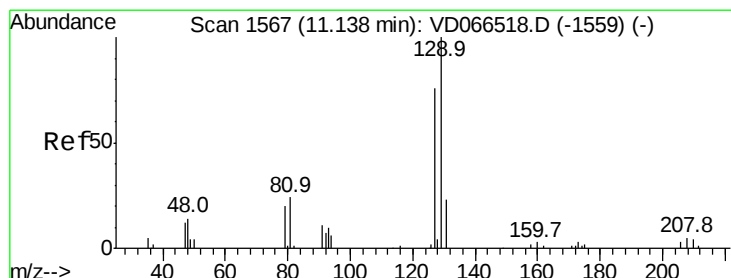
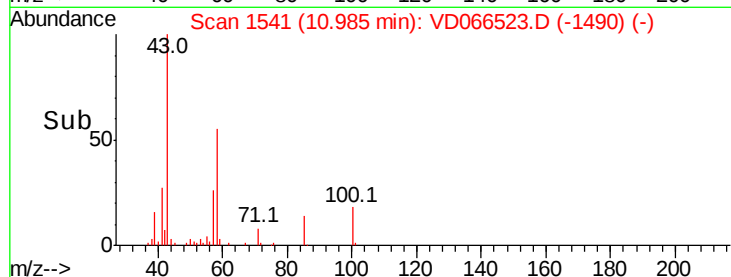
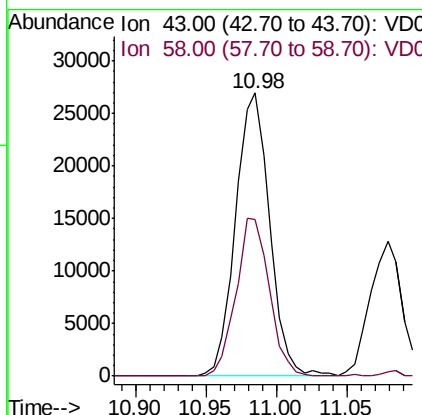
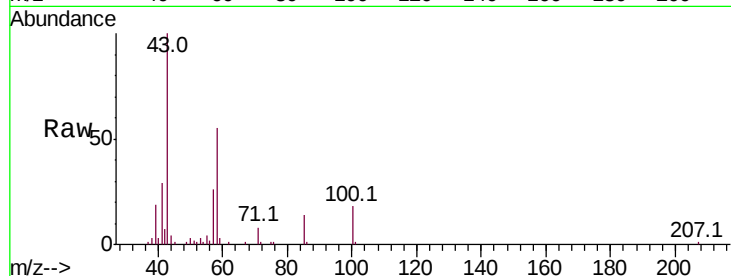




#59
2-Hexanone
Concen: 108.517 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

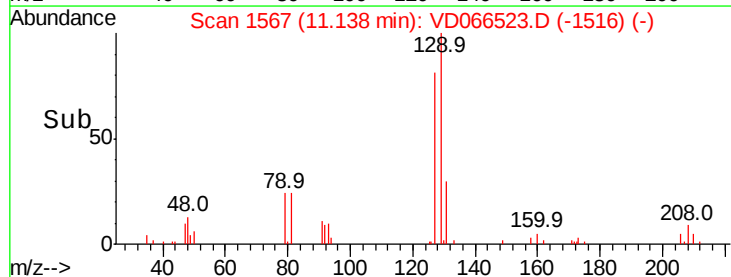
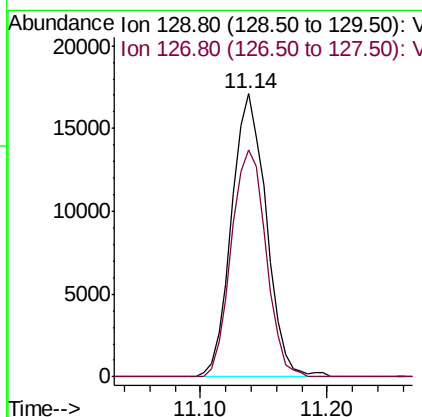
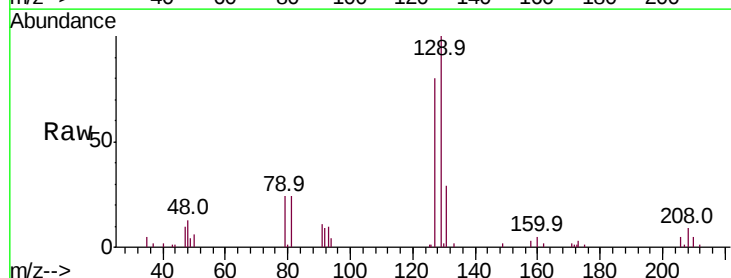
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

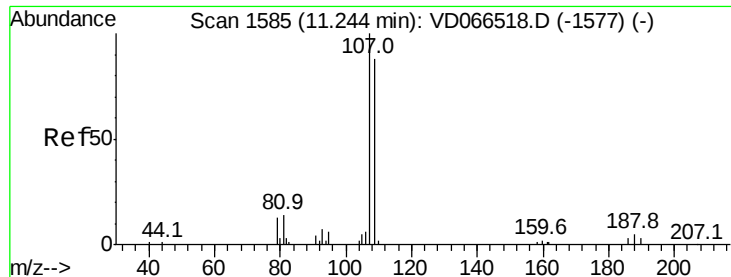
Tot Ion: 43 Resp: 45493
Ion Ratio Lower Upper
43 100
58 54.6 25.7 77.0



#60
Dibromochloromethane
Concen: 20.622 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 129 Resp: 32414
Ion Ratio Lower Upper
129 100
127 79.8 38.2 114.6

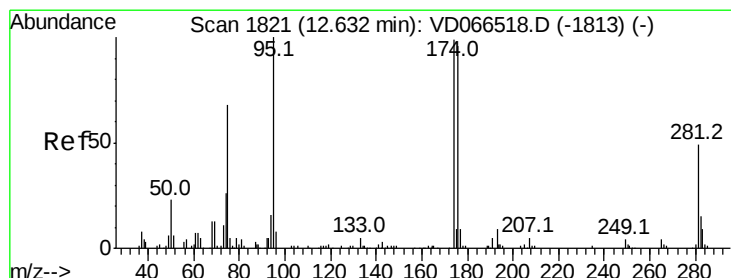
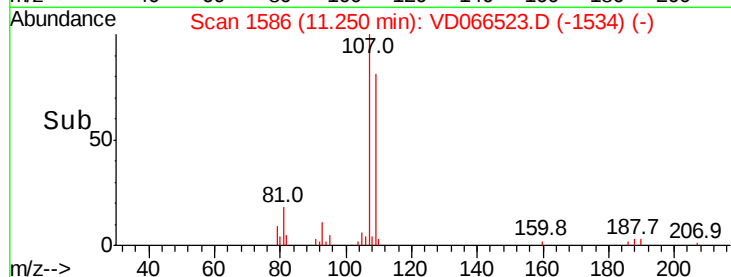
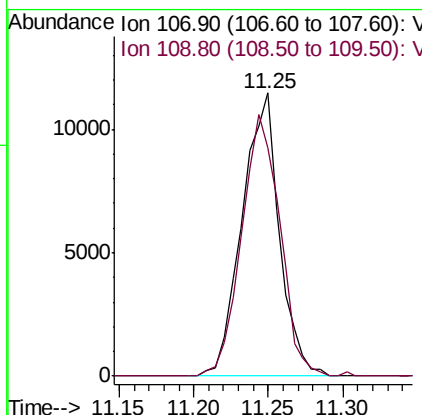
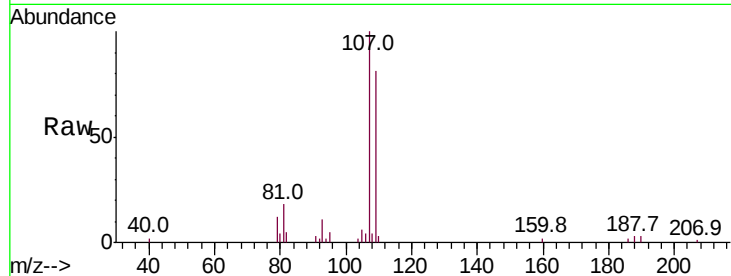




#61
 1,2-Dibromoethane
 Concen: 20.418 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

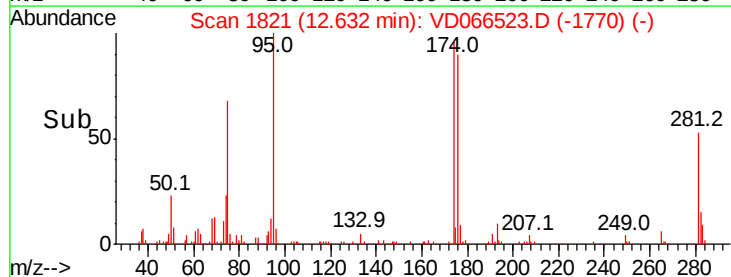
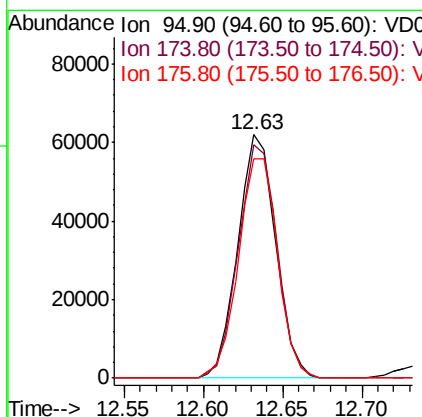
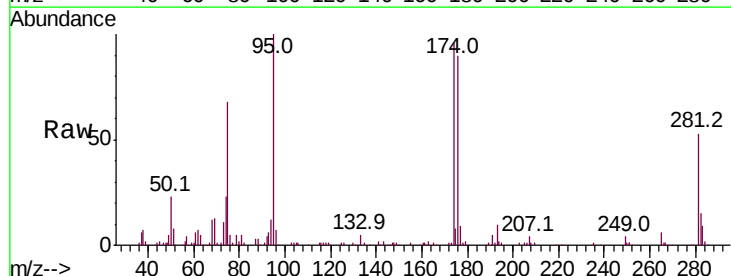
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

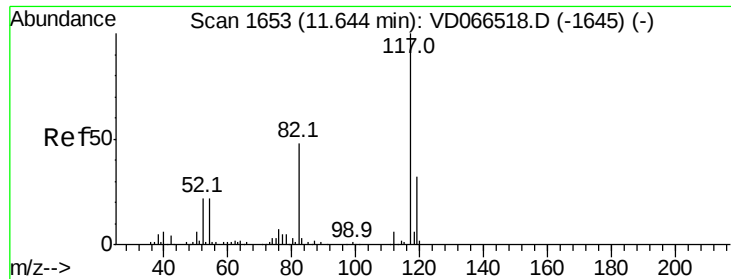
Tot Ion:107 Resp: 19784
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 55.969 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 95 Resp: 103190
 Ion Ratio Lower Upper
 95 100
 174 97.7 0.0 203.2
 176 93.3 0.0 198.6

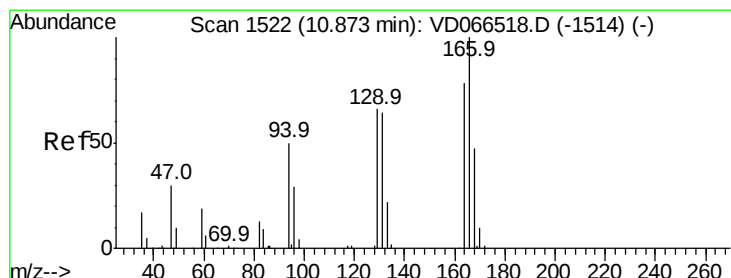
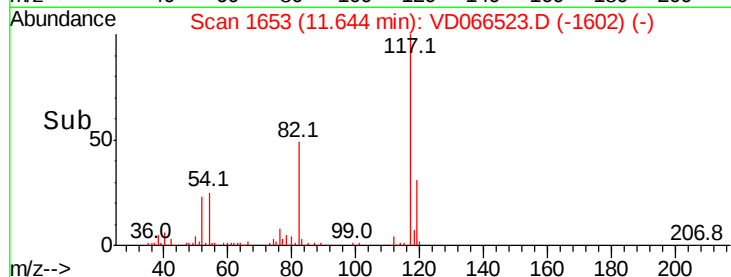
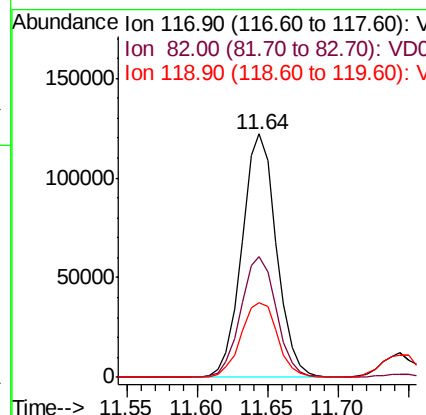
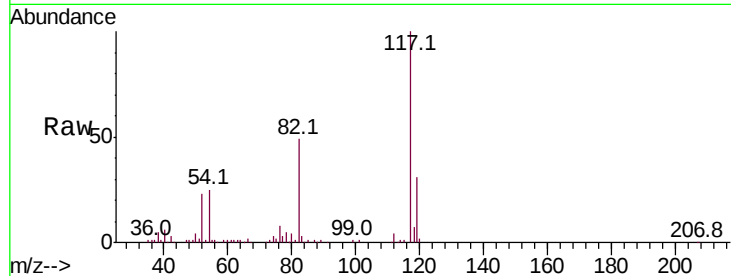




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

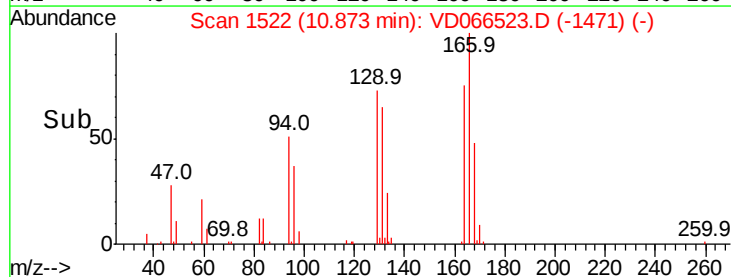
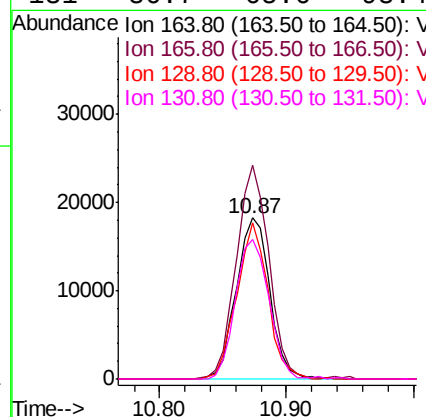
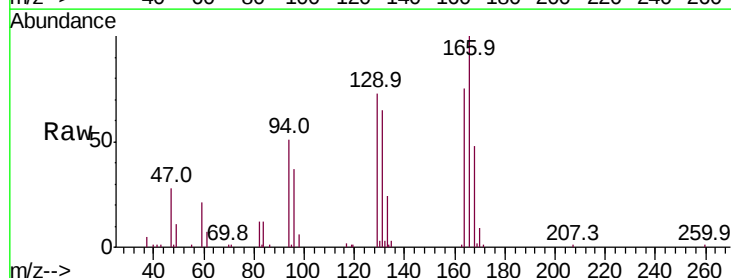
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

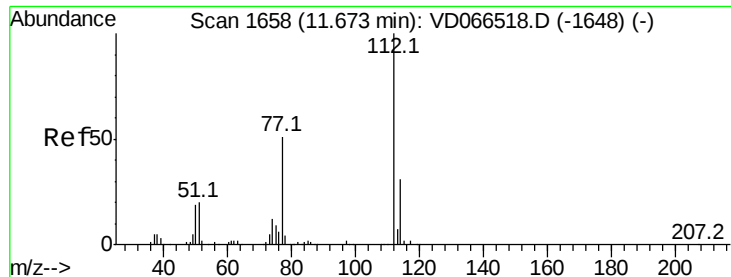
Tot Ion:117 Resp: 208826
Ion Ratio Lower Upper
117 100
82 49.3 38.5 57.7
119 30.5 25.9 38.9



#64
Tetrachloroethene
Concen: 20.484 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion:164 Resp: 33350
Ion Ratio Lower Upper
164 100
166 132.6 103.0 154.6
129 97.0 68.3 102.5
131 86.7 65.6 98.4

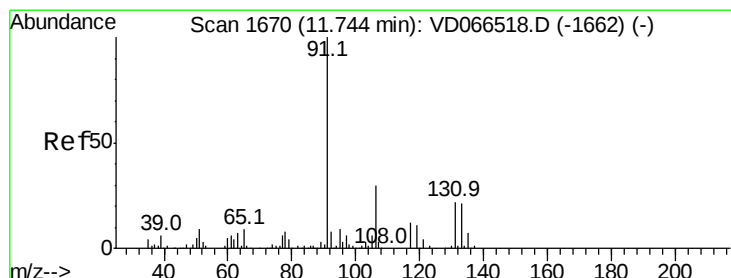
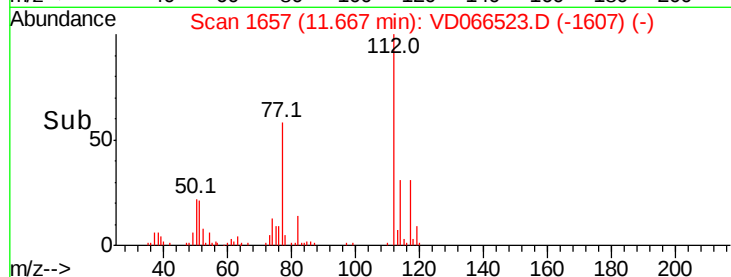
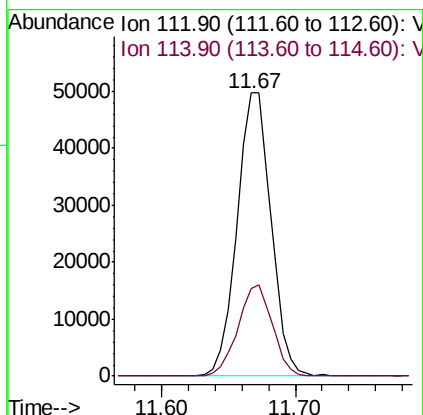
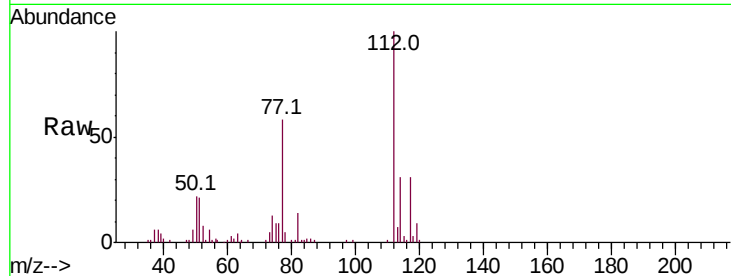




#65
Chlorobenzene
Concen: 21.315 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

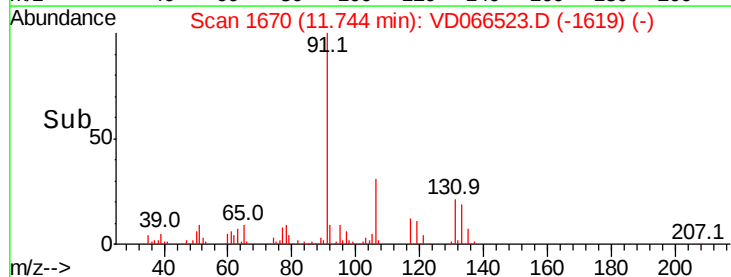
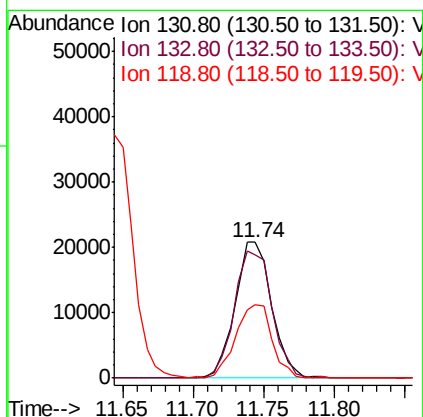
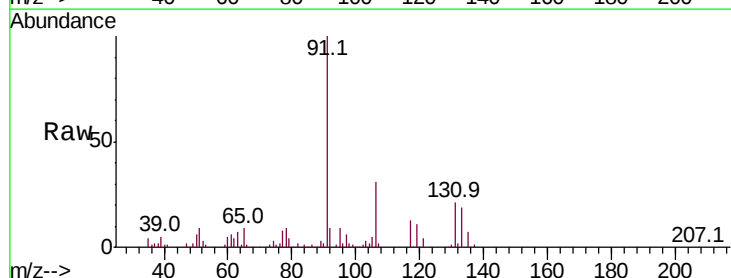
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

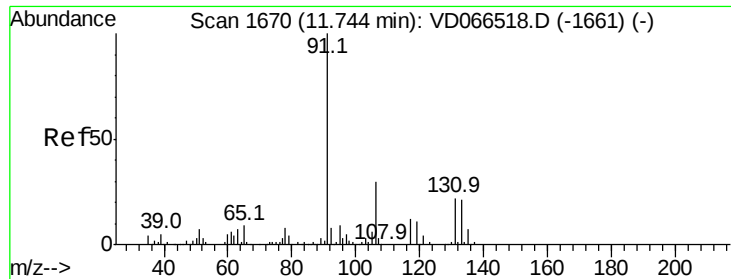
Tot Ion:112 Resp: 87572
Ion Ratio Lower Upper
112 100
114 31.0 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.694 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion:131 Resp: 37710
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 54.0 27.2 81.6

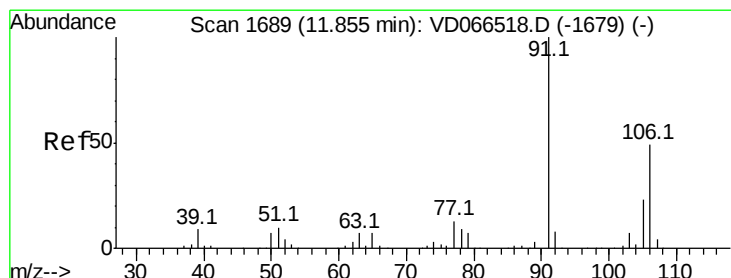
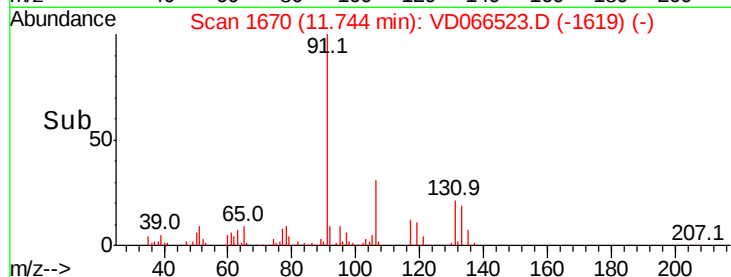
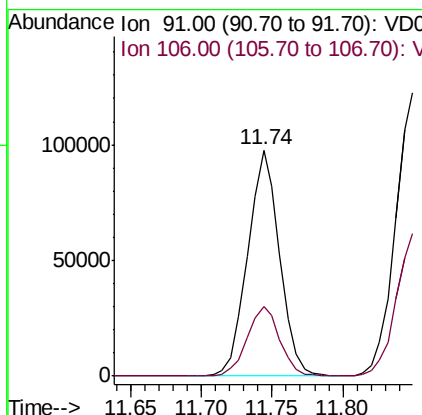
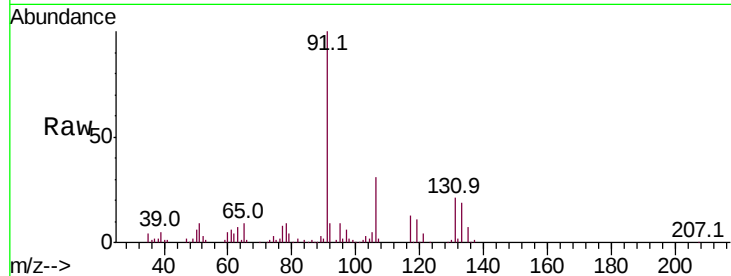




#67
Ethyl Benzene
Concen: 21.379 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

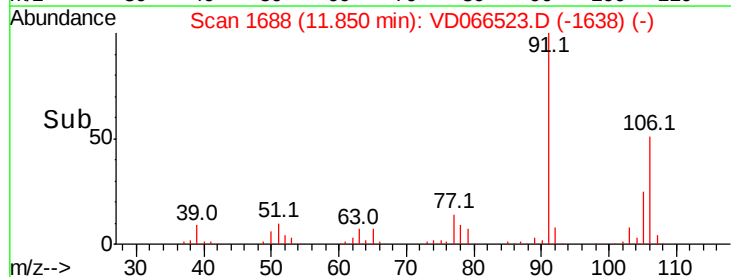
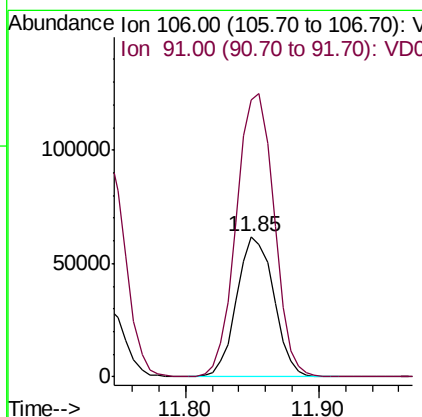
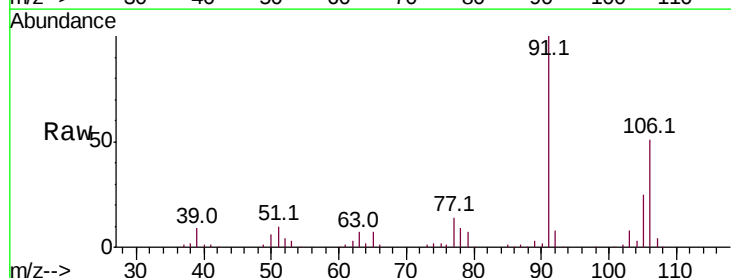
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

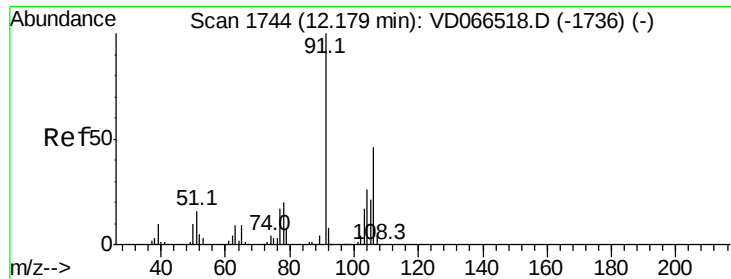
Tot Ion: 91 Resp: 154725
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0



#68
m/p-Xylenes
Concen: 42.476 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 106 Resp: 118938
Ion Ratio Lower Upper
106 100
91 206.4 163.3 244.9

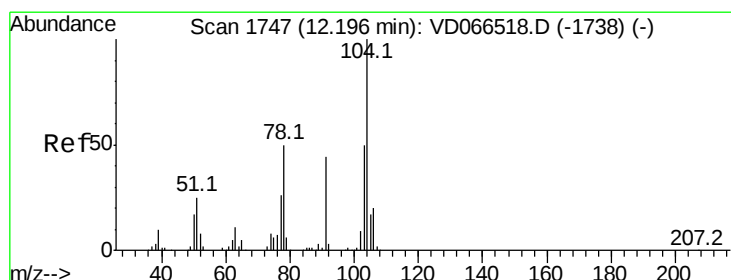
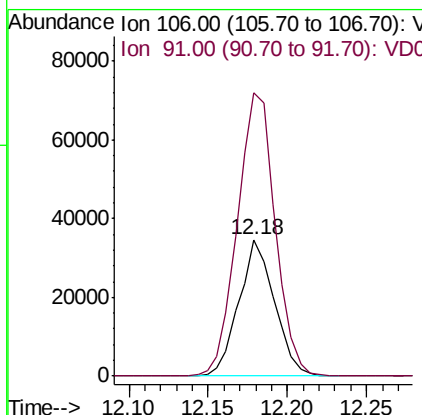
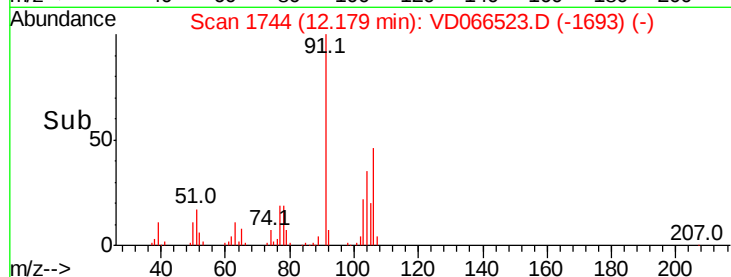
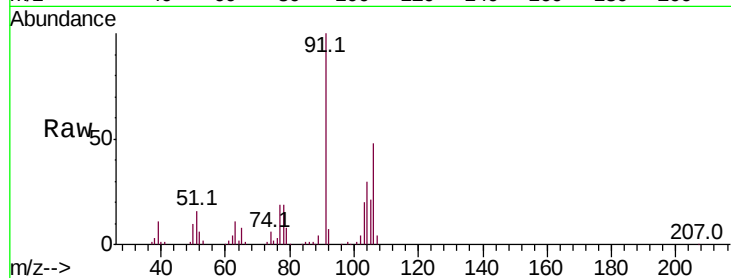




#69
o-Xylene
Concen: 20.507 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

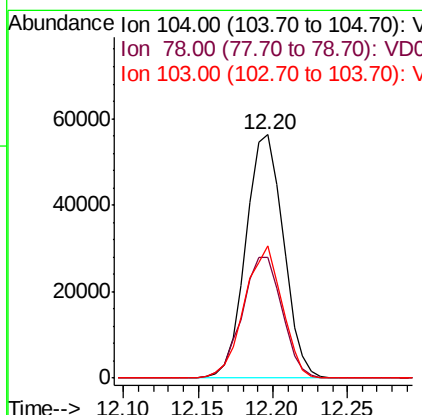
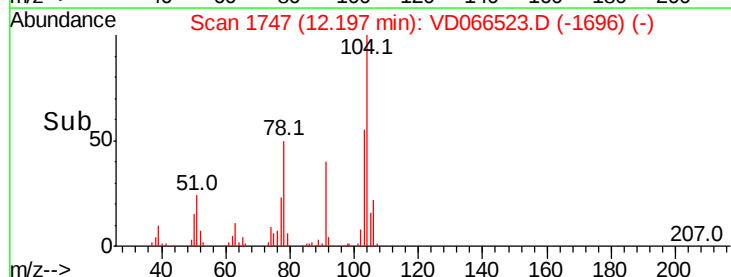
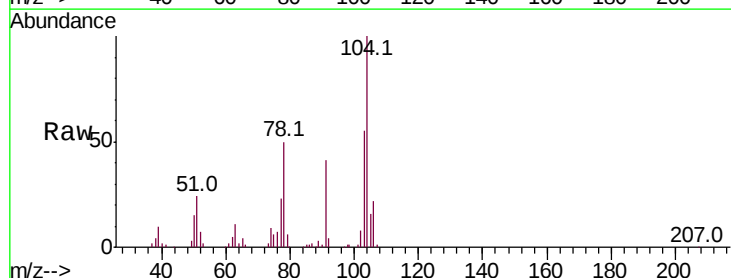
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

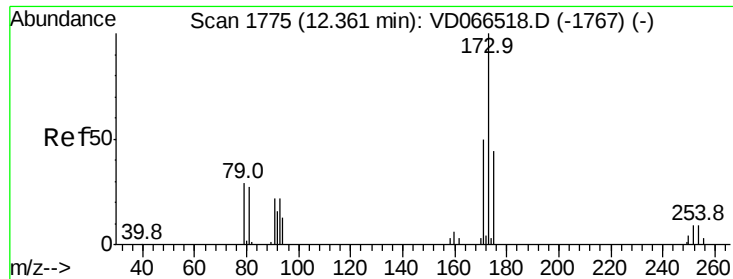
Tot Ion:106 Resp: 54392
Ion Ratio Lower Upper
106 100
91 219.3 108.7 326.3



#70
Styrene
Concen: 21.584 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion:104 Resp: 98015
Ion Ratio Lower Upper
104 100
78 53.2 44.3 66.5
103 54.5 44.1 66.1





#71

Bromoform

Concen: 21.403 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

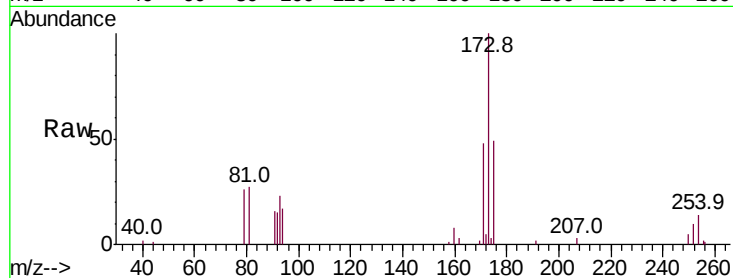
Tot Ion:173 Resp: 20407

Ion Ratio Lower Upper

173 100

175 48.1 22.3 66.8

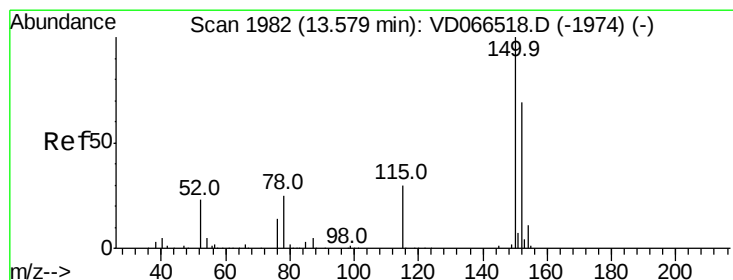
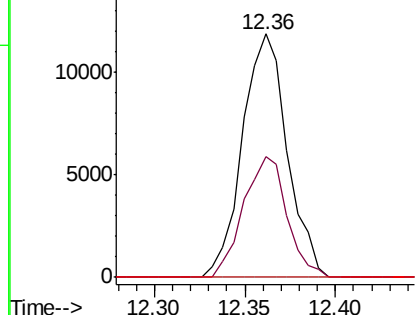
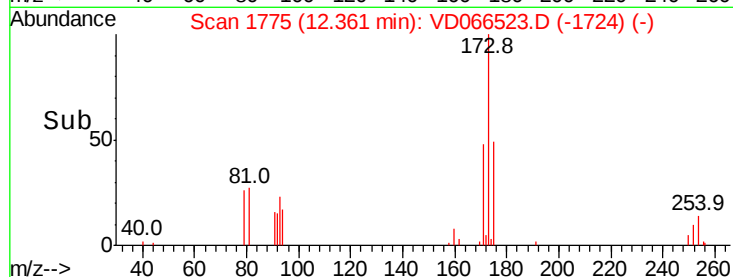
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

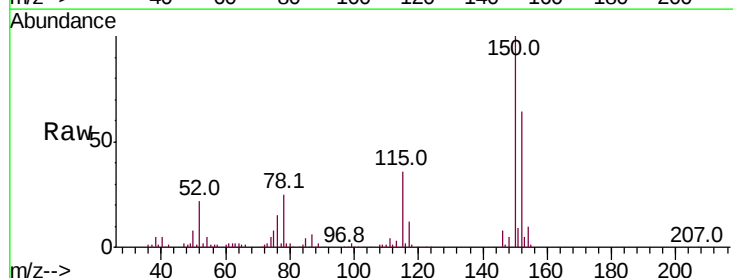
Tgt Ion:152 Resp: 113312

Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.8

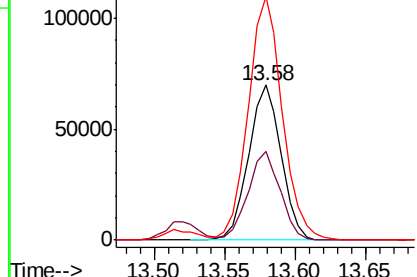
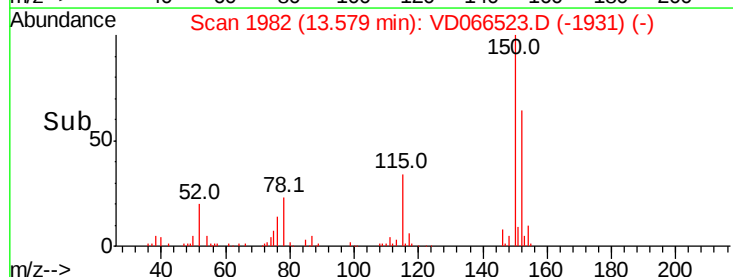
150 164.6 0.0 339.6

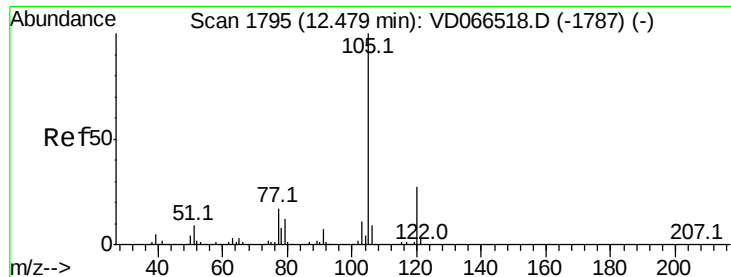


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.521 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

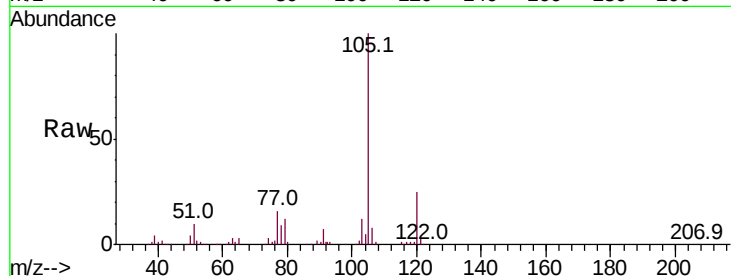
VD0902SBS01

Tot Ion:105 Resp: 155372

Ion Ratio Lower Upper

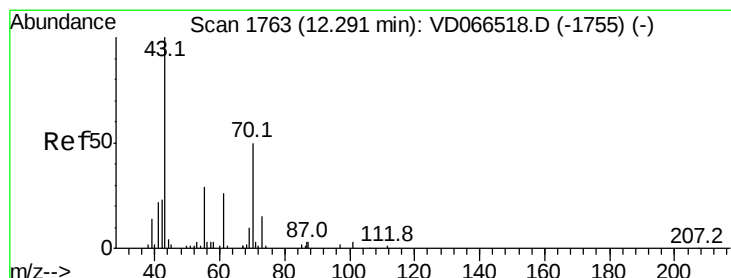
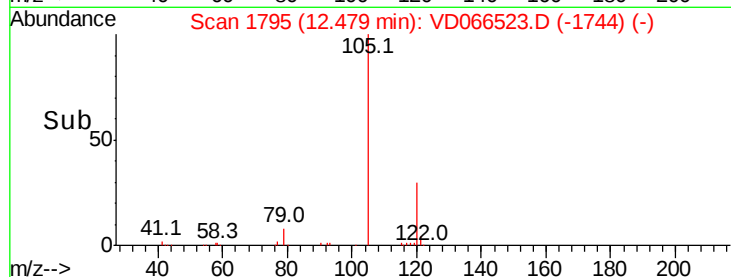
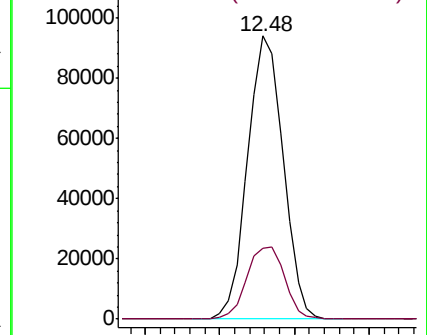
105 100

120 26.8 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.172 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Tgt Ion: 43 Resp: 24171

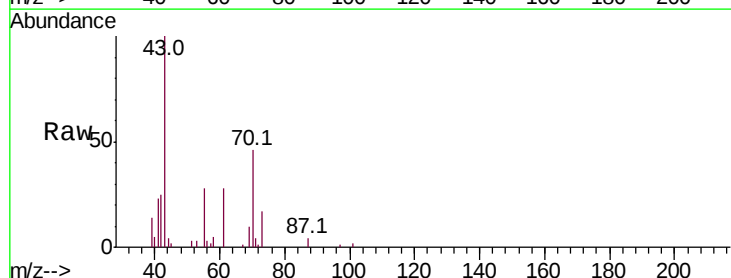
Ion Ratio Lower Upper

43 100

70 44.4 36.2 54.2

55 27.6 20.6 30.8

61 21.5 19.5 29.3

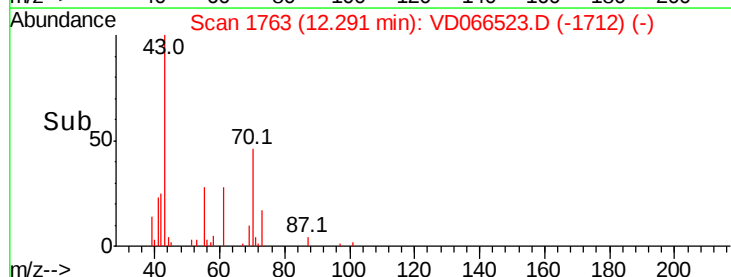
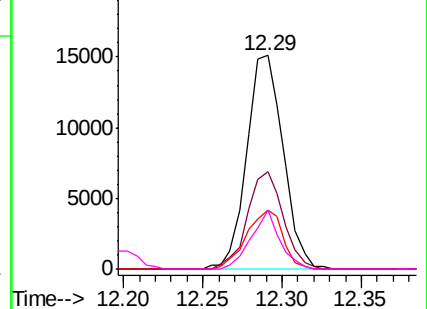


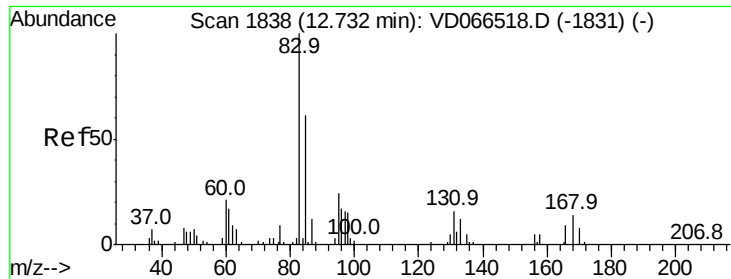
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.646 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

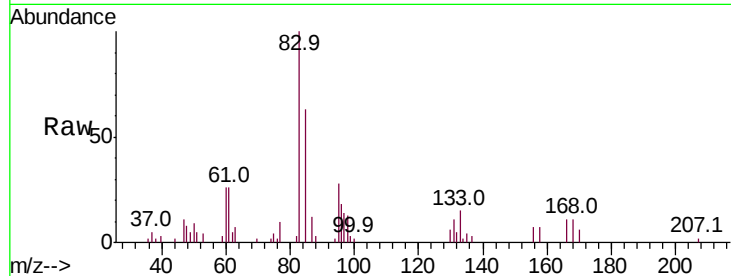
Tot Ion: 83 Resp: 19367

Ion Ratio Lower Upper

83 100

131 15.3 8.3 24.9

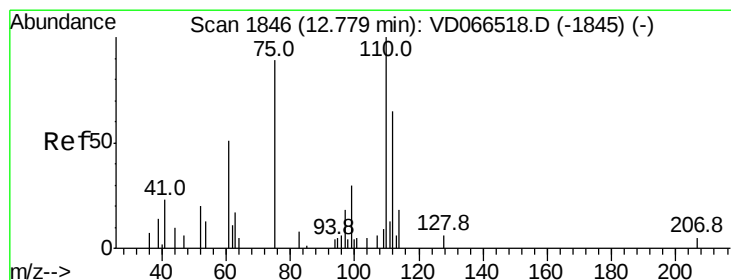
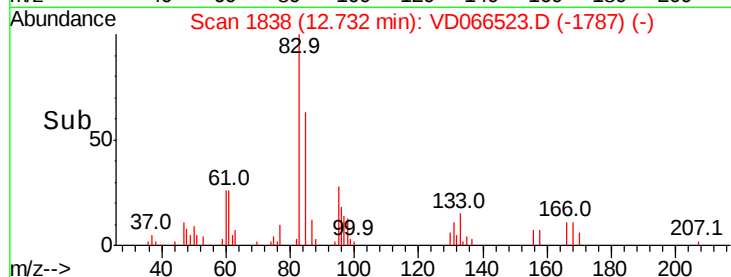
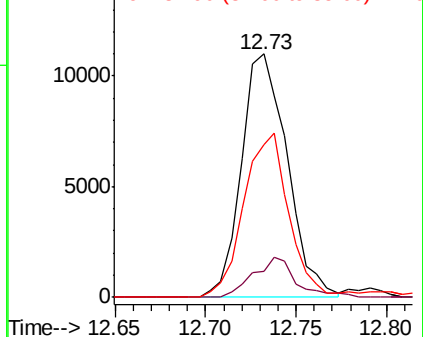
85 66.0 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 21.324 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.01 min

Lab File: VD066523.D

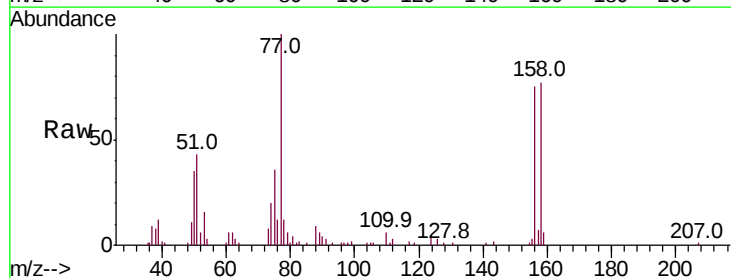
Acq: 02 Sep 2020 15:26

Tgt Ion: 75 Resp: 15200

Ion Ratio Lower Upper

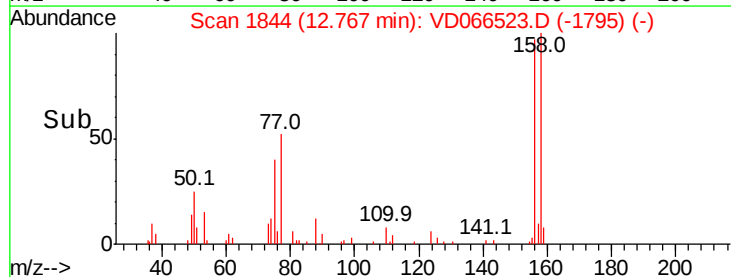
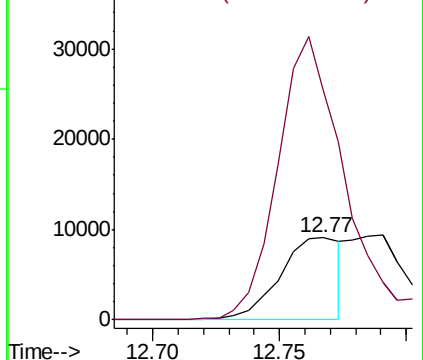
75 100

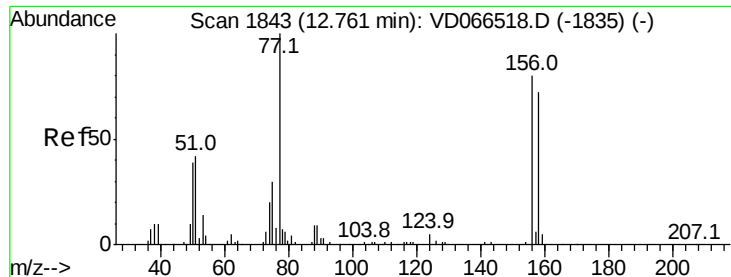
77 375.5 196.9 590.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.527 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

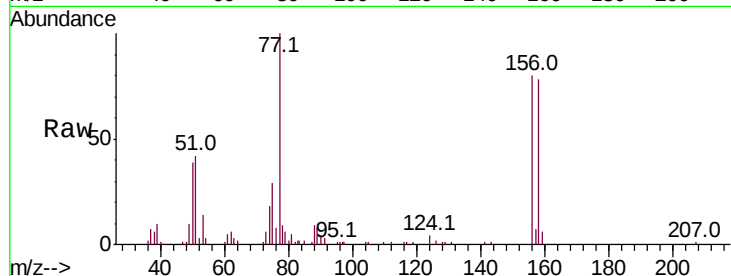
Tot Ion:156 Resp: 39440

Ion Ratio Lower Upper

156 100

77 144.7 71.0 213.2

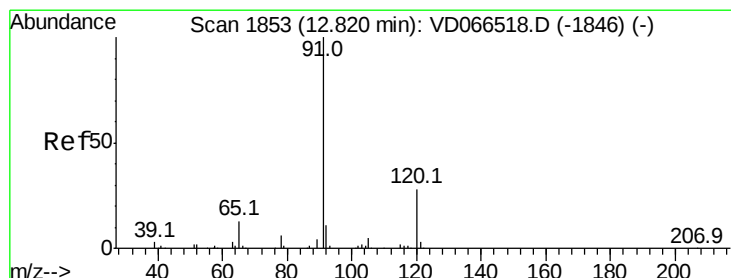
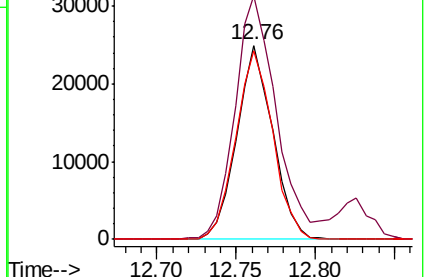
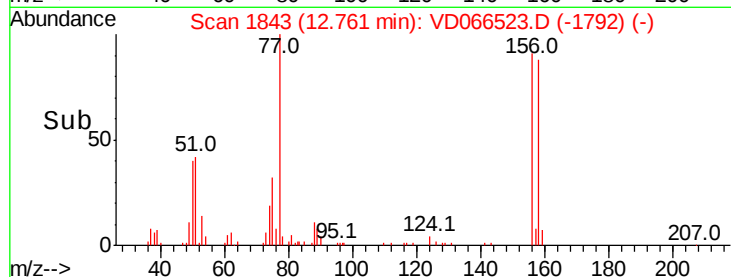
158 99.5 49.5 148.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 20.743 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066523.D

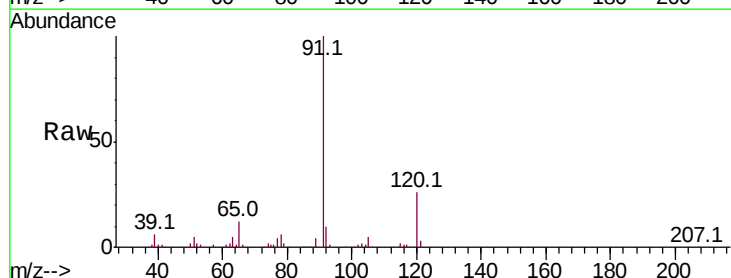
Acq: 02 Sep 2020 15:26

Tgt Ion: 91 Resp: 171146

Ion Ratio Lower Upper

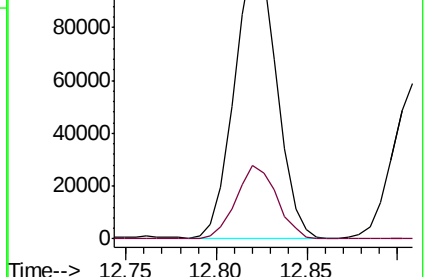
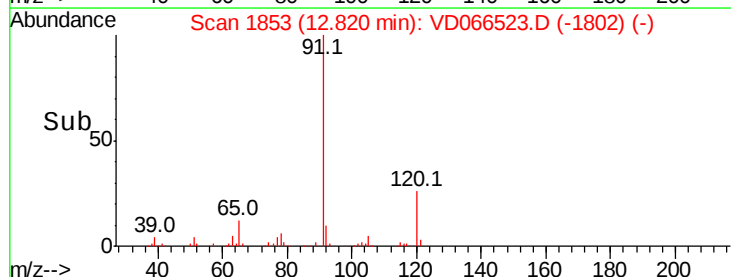
91 100

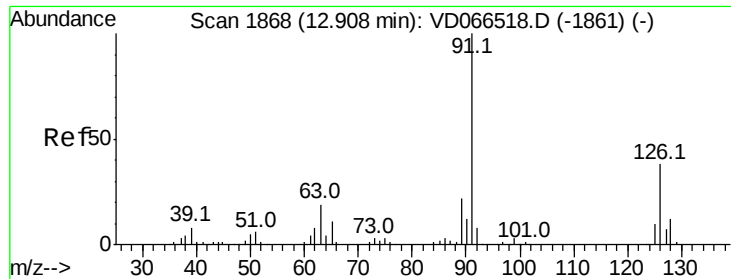
120 25.3 13.0 39.0



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 20.758 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

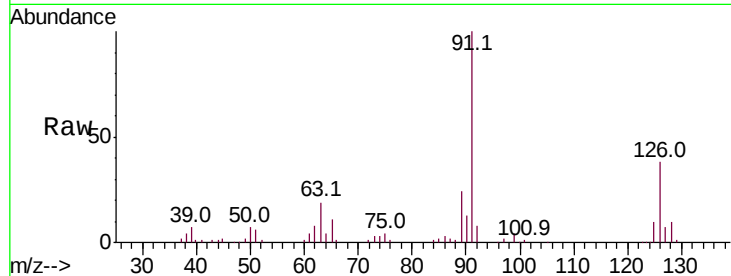
VD0902SBS01

Tot Ion: 91 Resp: 99097

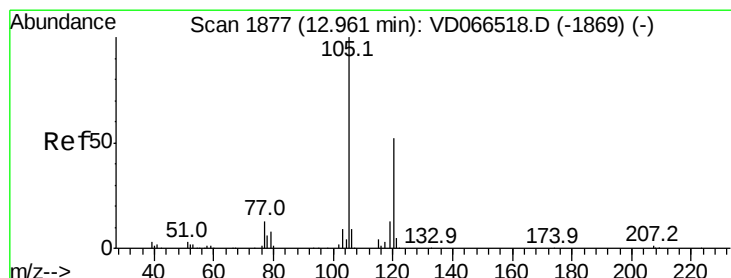
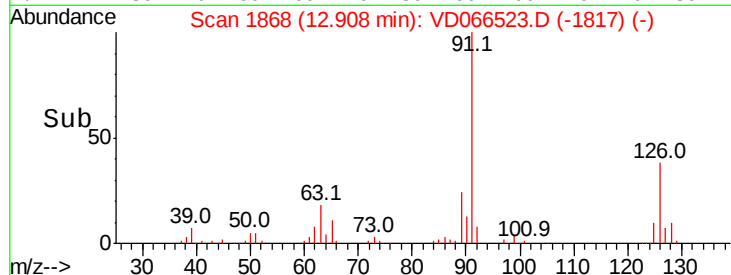
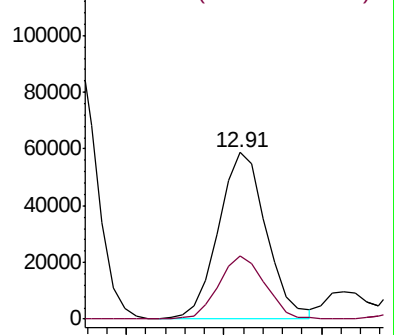
Ion Ratio Lower Upper

91 100

126 36.8 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.649 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066523.D

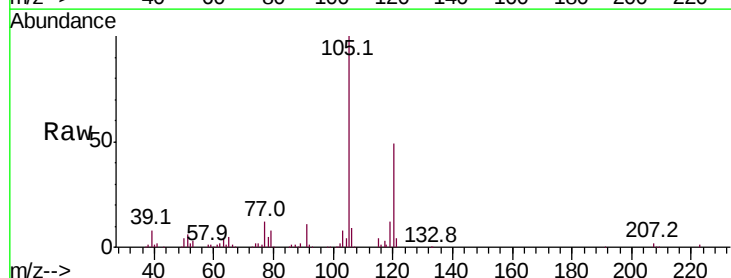
Acq: 02 Sep 2020 15:26

Tgt Ion:105 Resp: 135926

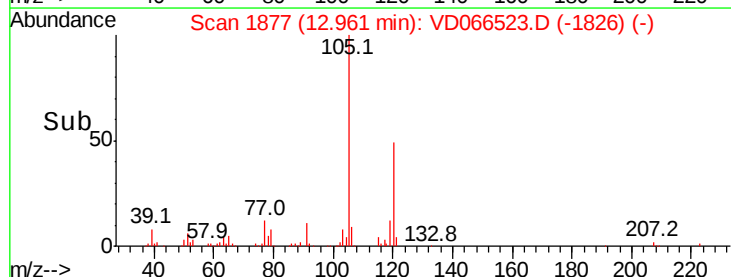
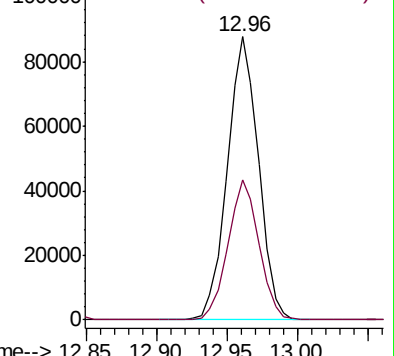
Ion Ratio Lower Upper

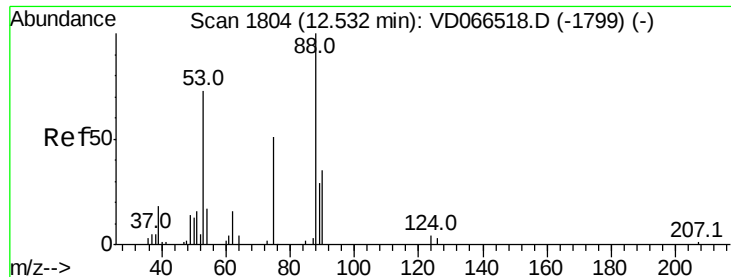
105 100

120 49.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

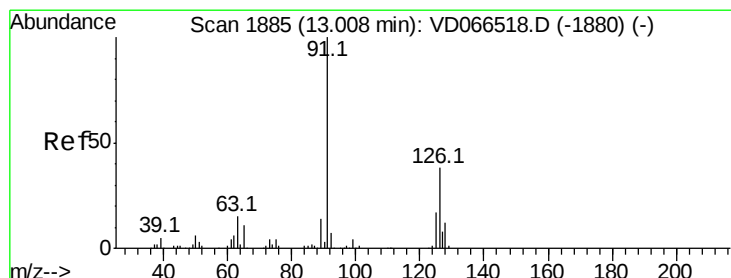
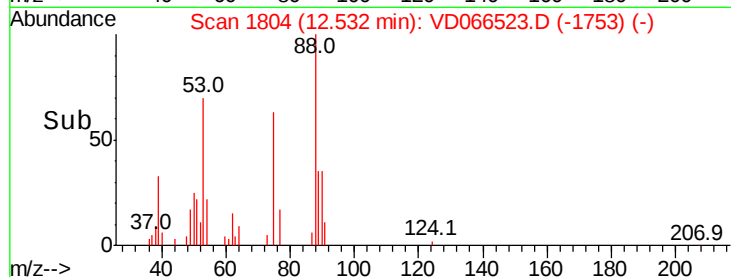
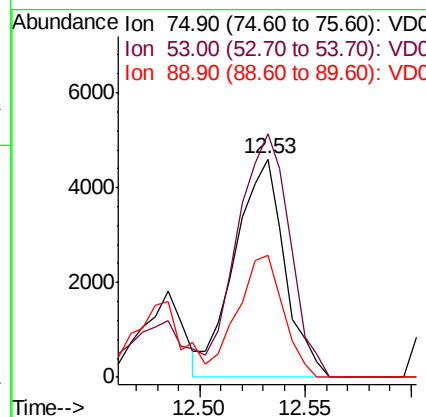
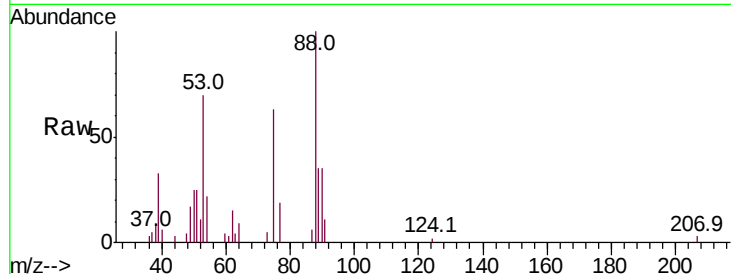




#81
trans-1,4-Dichloro-2-butene
Concen: 23.606 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

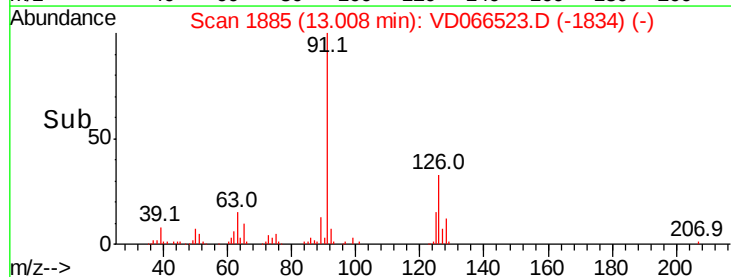
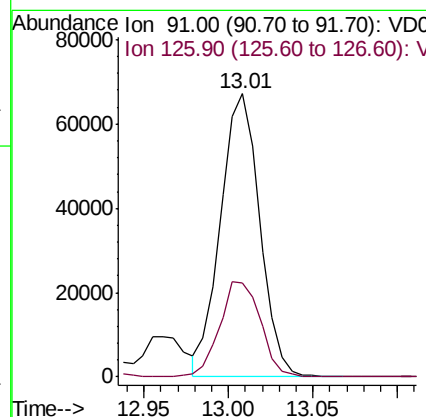
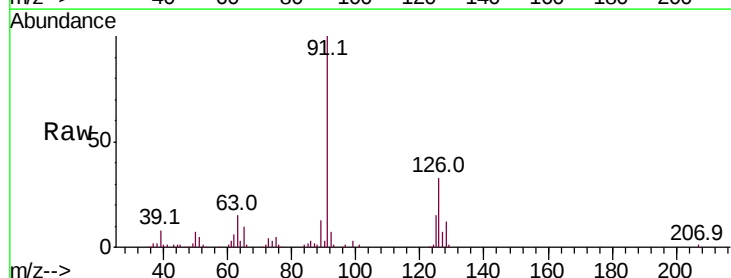
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

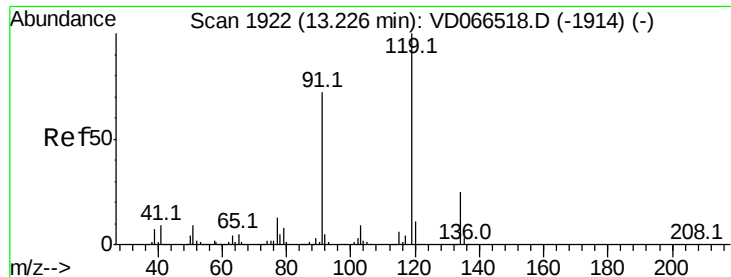
Tot Ion: 75 Resp: 7556
Ion Ratio Lower Upper
75 100
53 116.2 101.8 152.8
89 51.6 46.0 69.0



#82
4-Chlorotoluene
Concen: 21.204 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 91 Resp: 108724
Ion Ratio Lower Upper
91 100
126 35.0 18.2 54.6

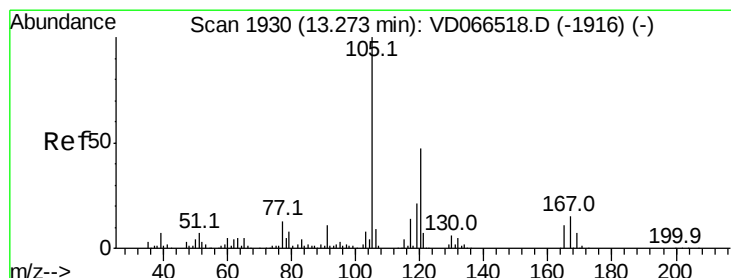
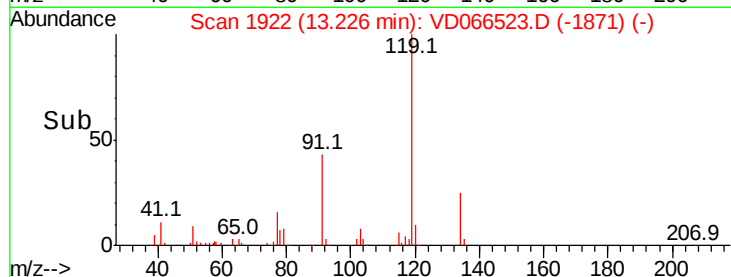
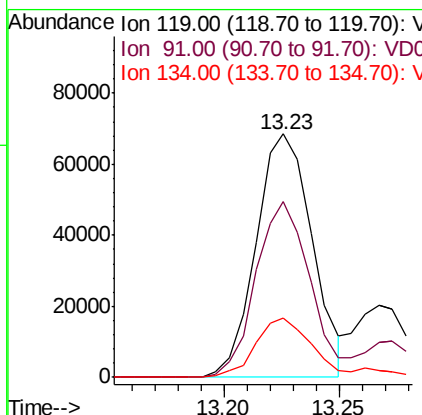
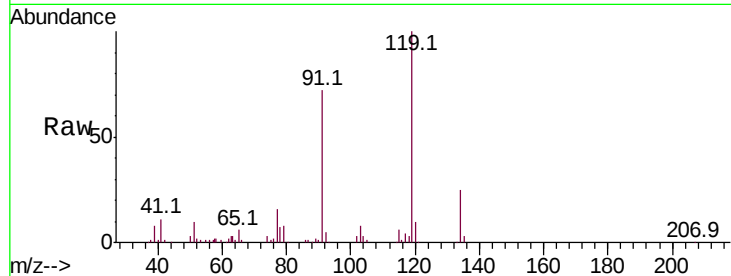




#83
tert-Butylbenzene
Concen: 20.063 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

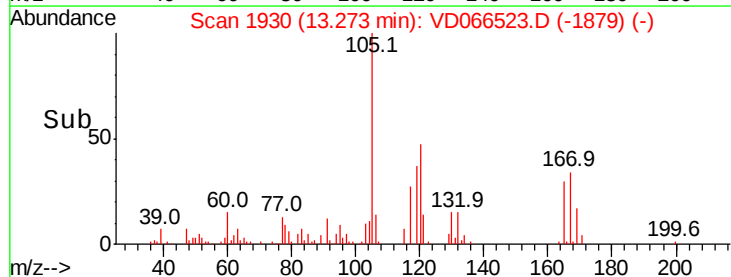
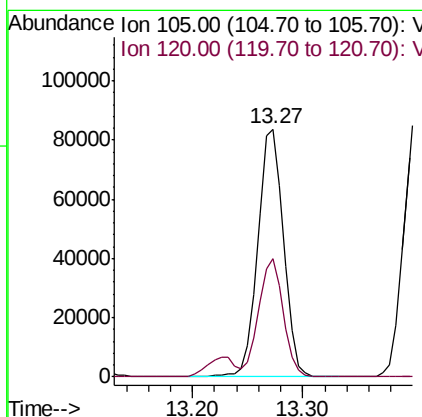
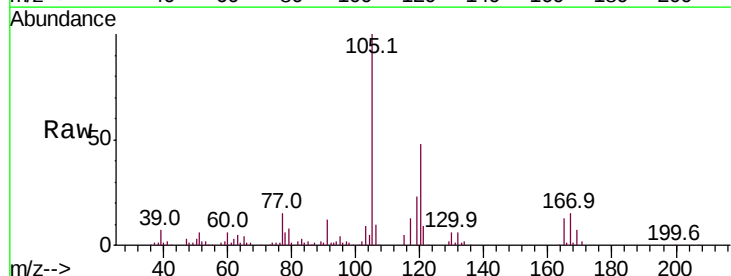
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

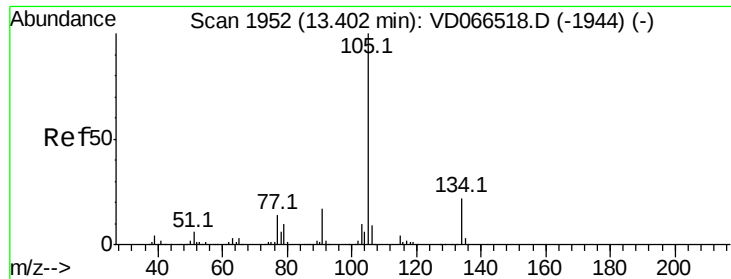
Tot Ion:119 Resp: 115840
Ion Ratio Lower Upper
119 100
91 70.3 34.4 103.2
134 24.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 20.822 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion:105 Resp: 137086
Ion Ratio Lower Upper
105 100
120 45.6 21.7 65.1





#85

sec-Butylbenzene

Concen: 20.747 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

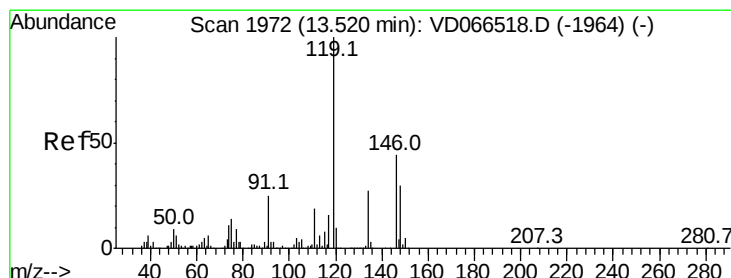
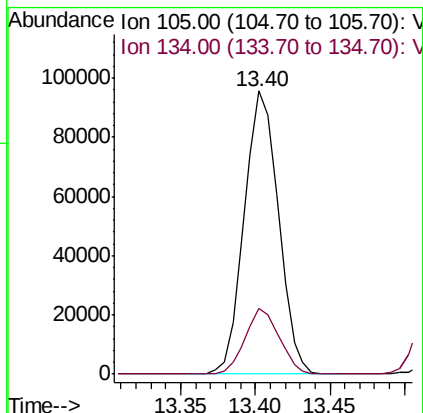
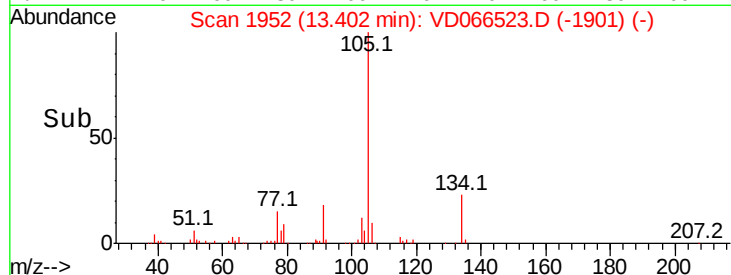
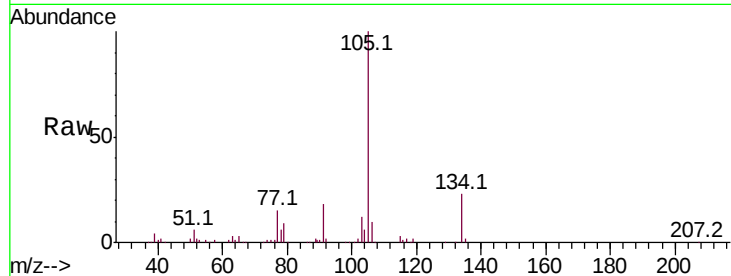
VD0902SBS01

Tot Ion:105 Resp: 151752

Ion Ratio Lower Upper

105 100

134 23.0 11.5 34.4



#86

p-Isopropyltoluene

Concen: 20.655 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

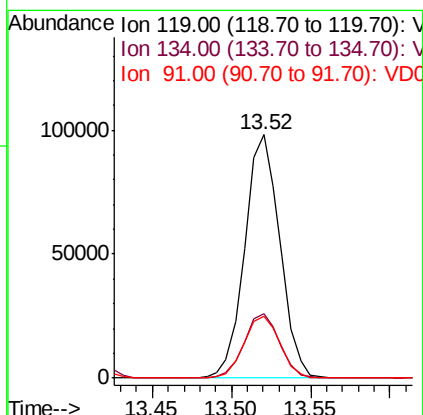
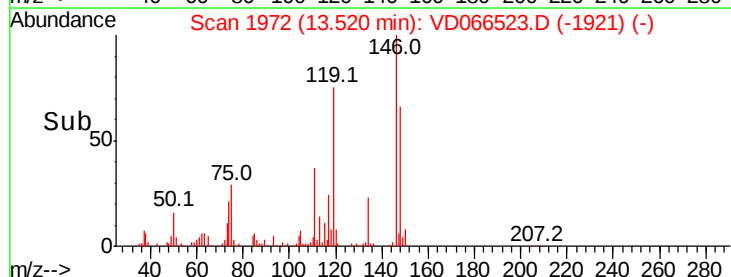
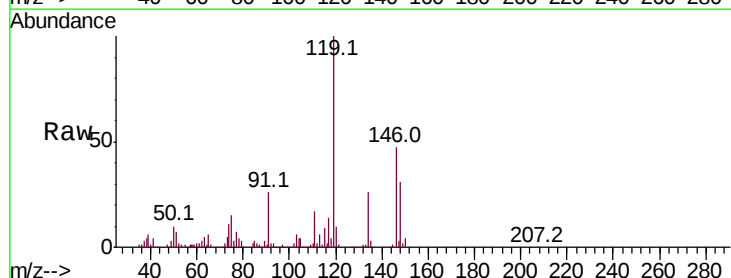
Tgt Ion:119 Resp: 151005

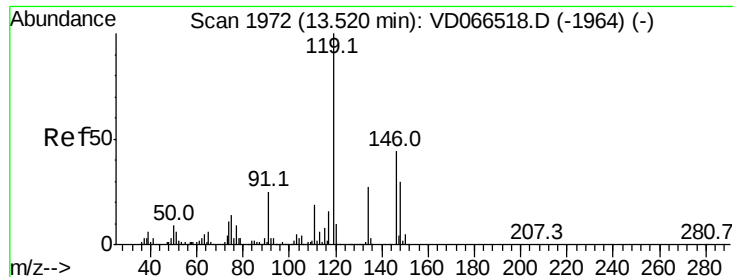
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 26.2 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 21.204 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

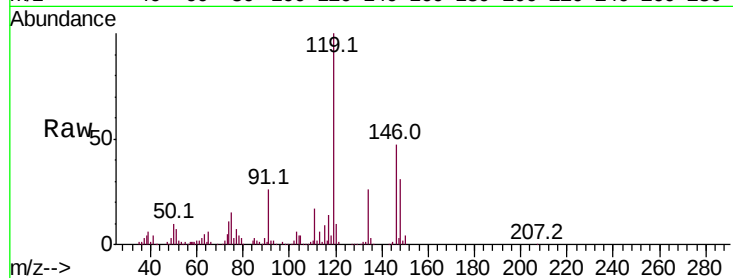
Tot Ion:146 Resp: 75562

Ion Ratio Lower Upper

146 100

111 38.9 20.3 61.0

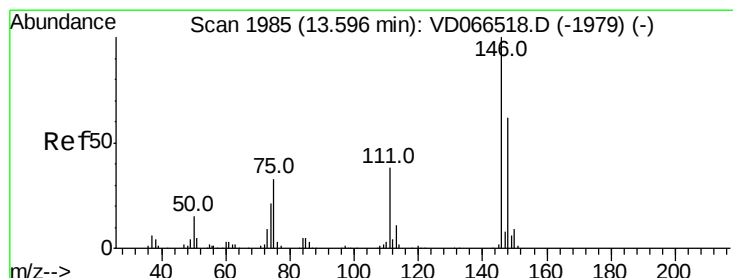
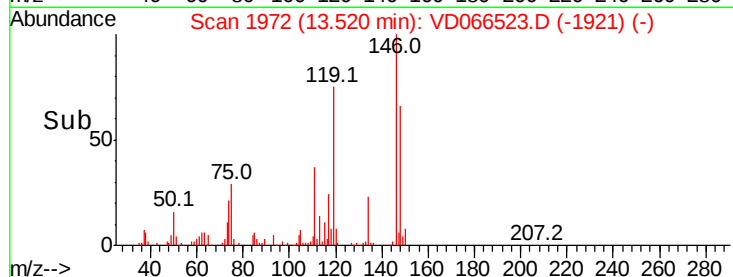
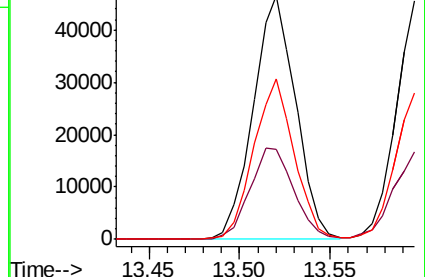
148 63.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.627 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

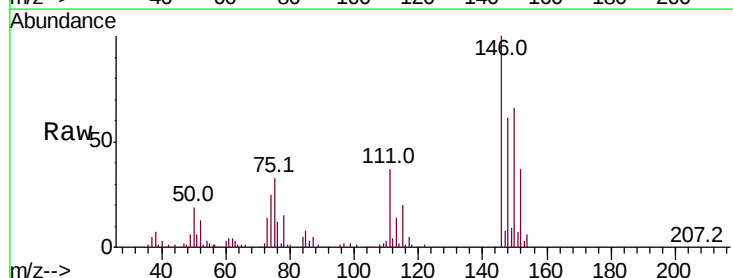
Tgt Ion:146 Resp: 74359

Ion Ratio Lower Upper

146 100

111 39.1 18.4 55.4

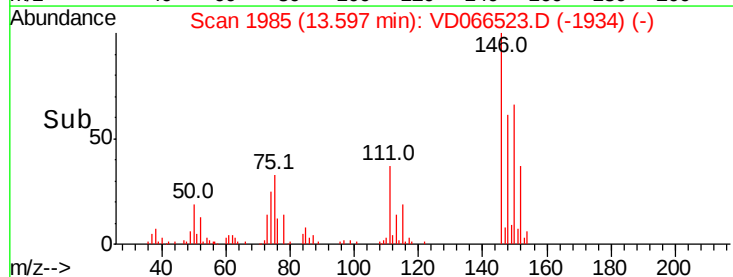
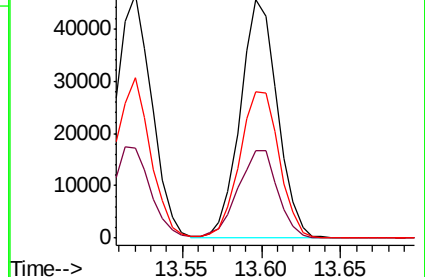
148 65.2 31.5 94.5

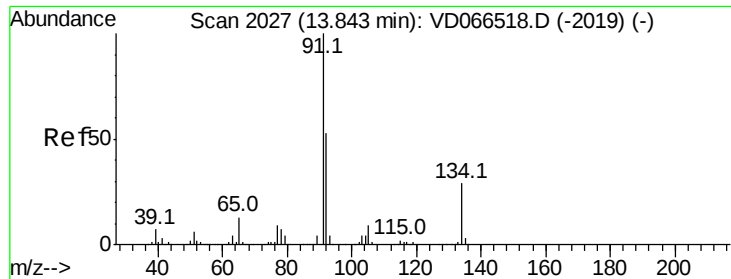


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

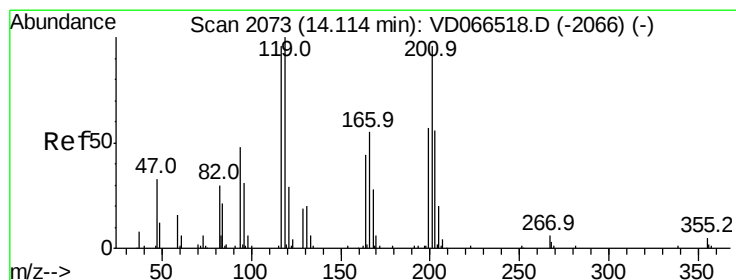
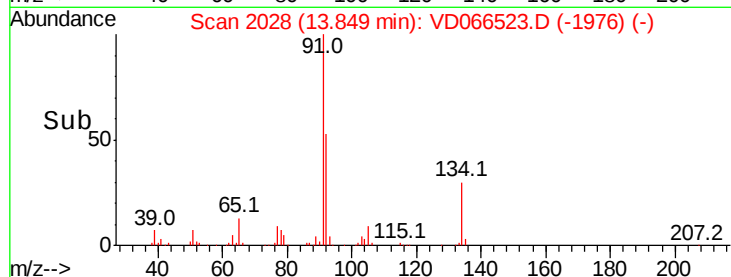
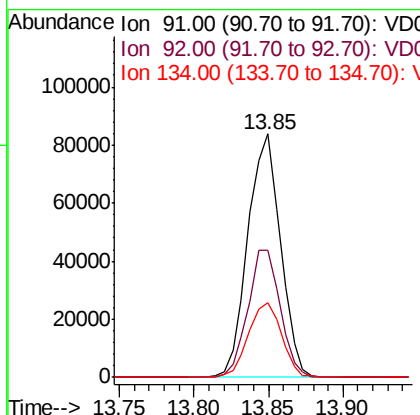
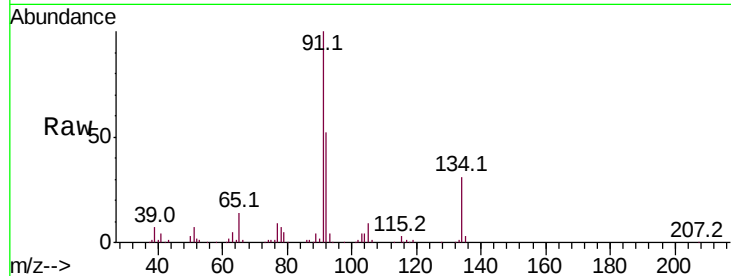




#89
n-Butylbenzene
Concen: 20.654 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

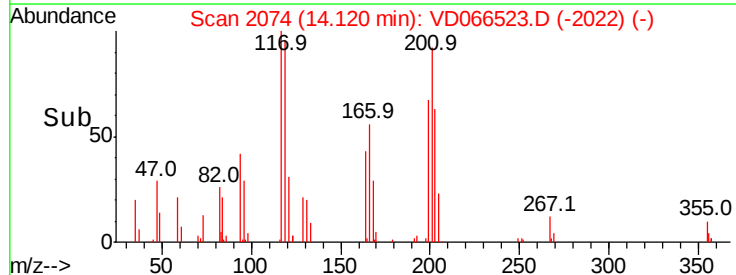
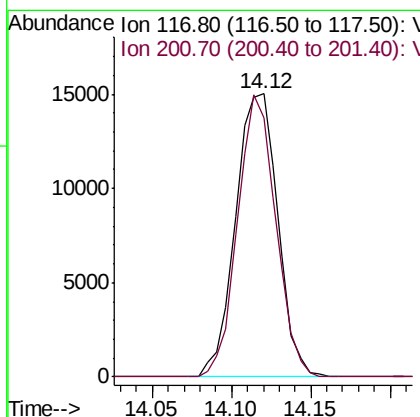
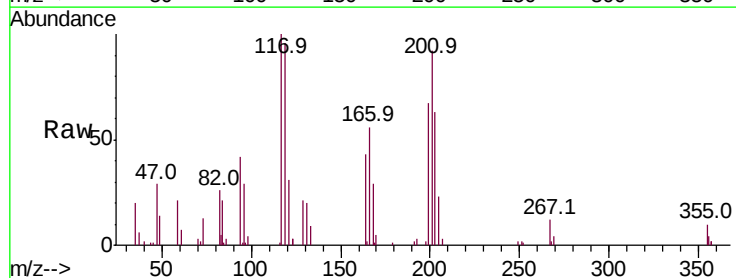
Instrument :
MSVOA_D
ClientSampleId :
VD0902SBS01

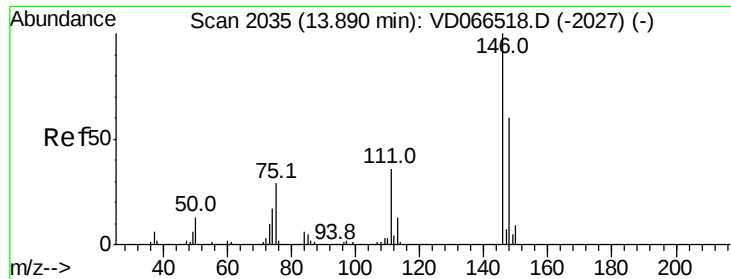
Tot Ion: 91 Resp: 126479
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 31.2 15.0 45.1



#90
Hexachloroethane
Concen: 21.186 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD066523.D
Acq: 02 Sep 2020 15:26

Tgt Ion: 117 Resp: 27795
Ion Ratio Lower Upper
117 100
201 89.9 50.0 150.0

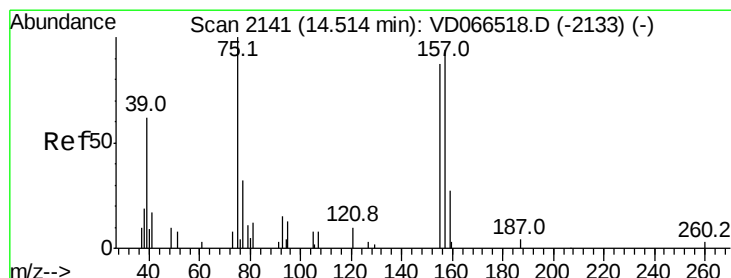
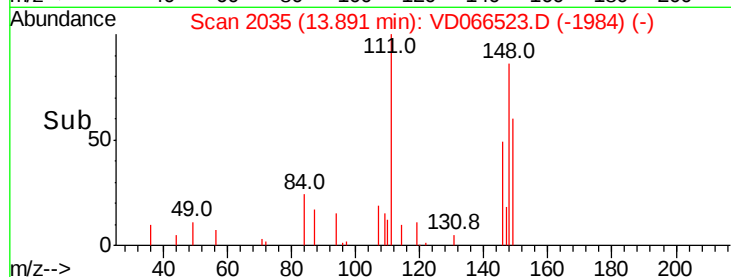
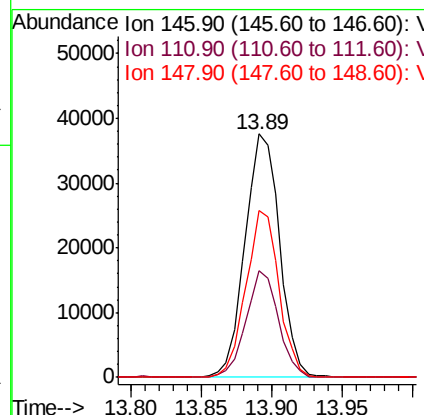
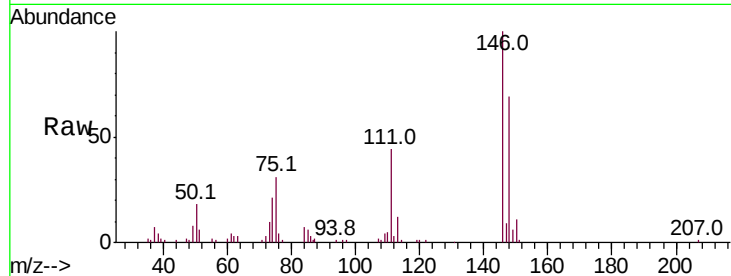




#91
 1,2-Dichlorobenzene
 Concen: 20.872 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

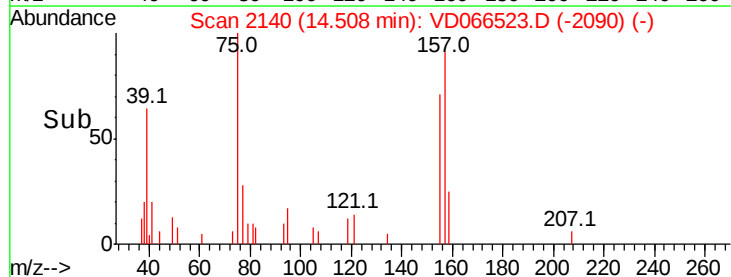
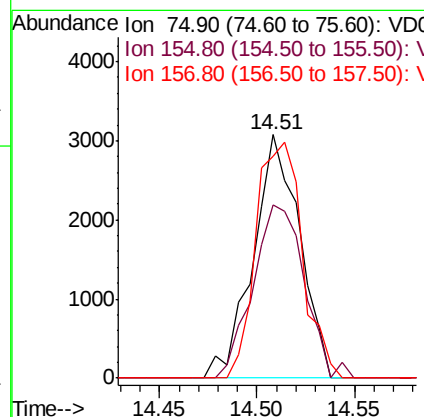
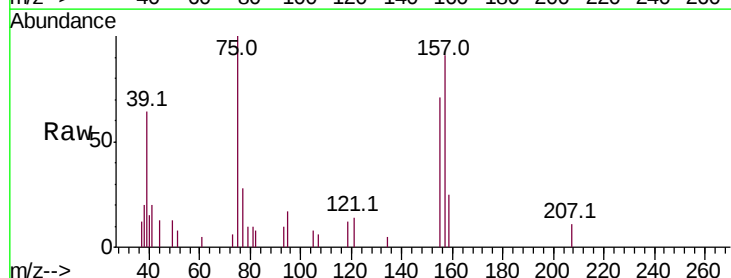
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

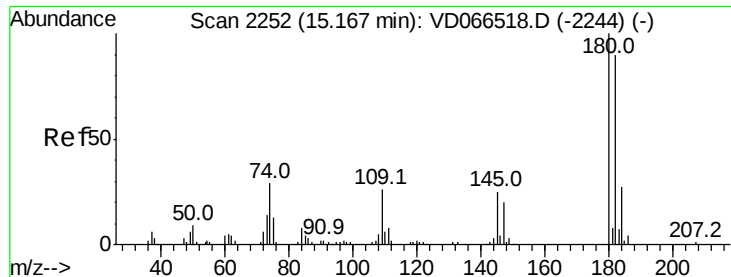
Tot Ion:146 Resp: 64694
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.1 60.2
 148 65.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.452 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion: 75 Resp: 5076
 Ion Ratio Lower Upper
 75 100
 155 78.6 40.8 122.5
 157 96.3 49.3 147.8

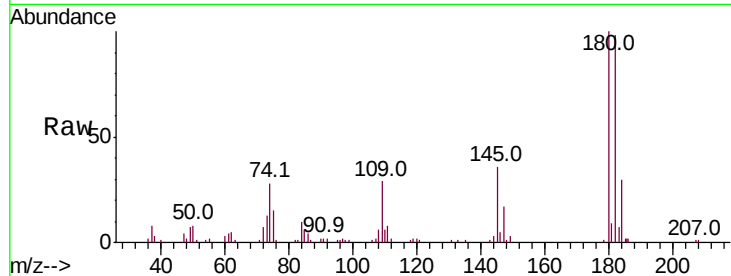




#93
 1,2,4-Trichlorobenzene
 Concen: 20.135 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0902SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	46.9	140.6
145	32.9	15.0	45.1

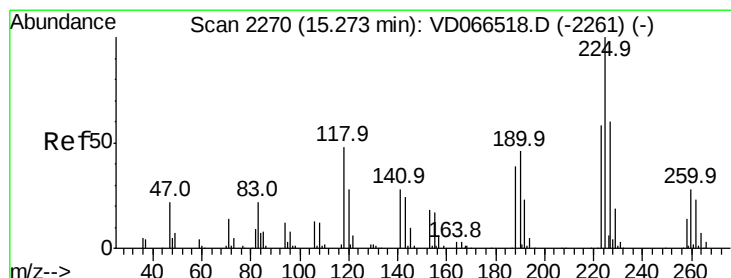
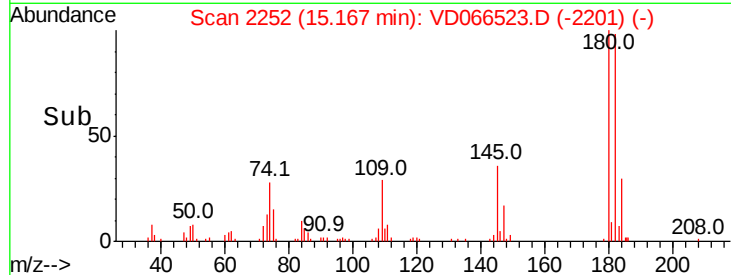
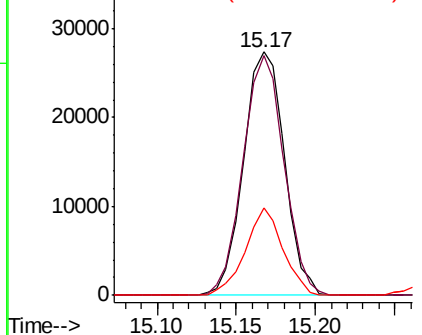


Abundance

Ion 179.80 (179.50 to 180.50): V

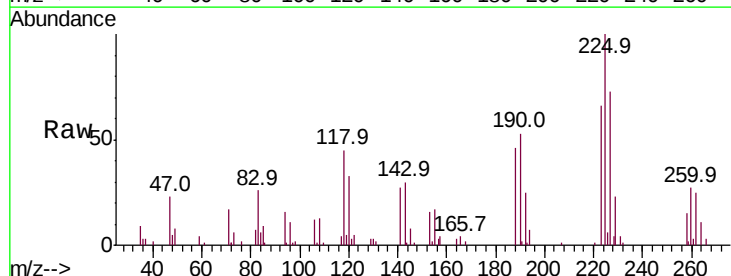
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.364 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066523.D
 Acq: 02 Sep 2020 15:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.6	94.7
227	64.8	31.4	94.3

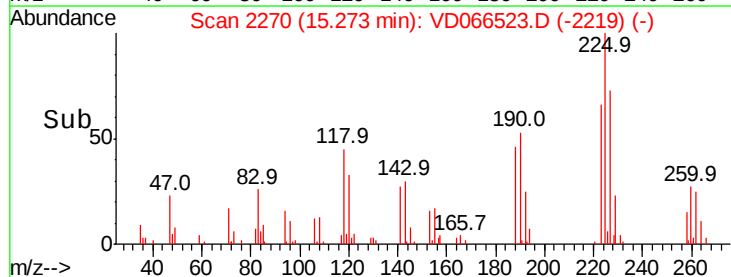
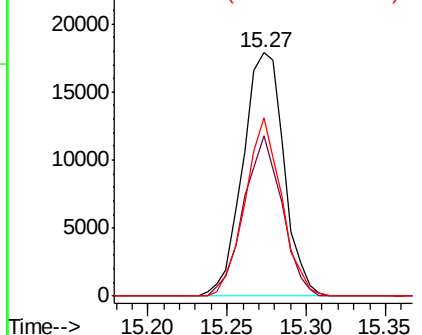


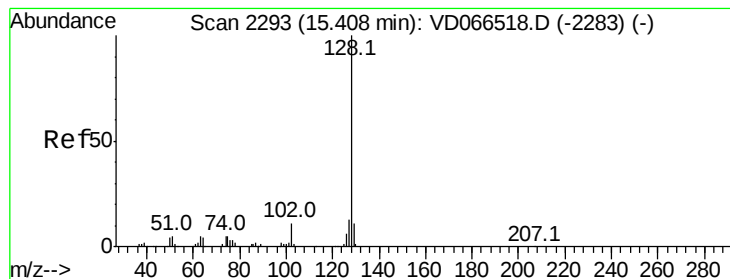
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.392 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VD0902SBS01

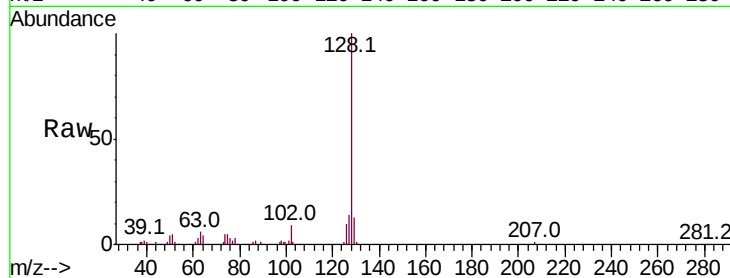
Tot Ion:128 Resp: 77549

Ion Ratio Lower Upper

128 100

127 13.4 11.1 16.7

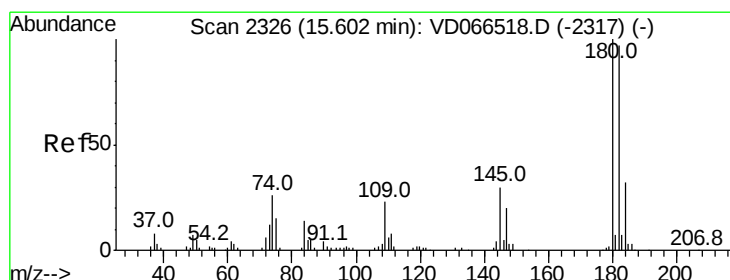
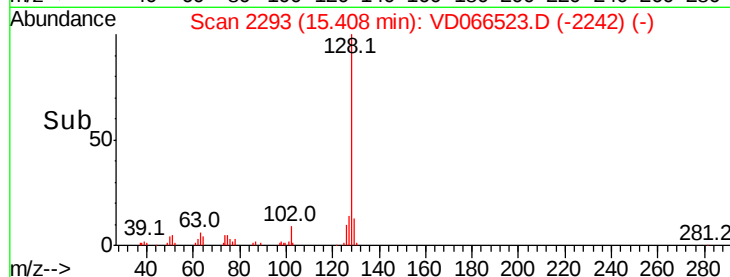
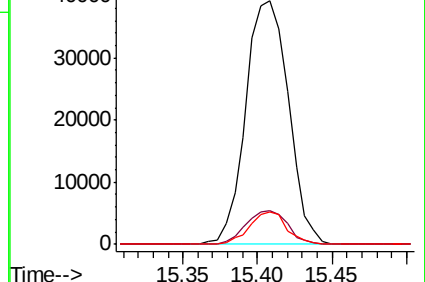
129 11.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.943 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066523.D

Acq: 02 Sep 2020 15:26

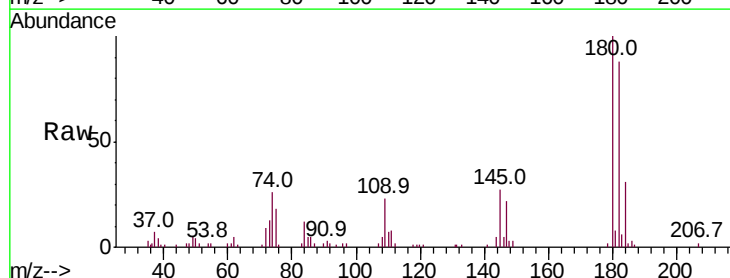
Tgt Ion:180 Resp: 44273

Ion Ratio Lower Upper

180 100

182 96.5 47.5 142.5

145 32.7 16.2 48.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

