

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090920\
 Data File : VD066599.D
 Acq On : 10 Sep 2020 00:21
 Operator : VA/SY
 Sample : VD0909SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

Quant Time: Sep 10 02:39:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	312295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	553296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	511033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	218964	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	7.91	113	198425	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
50) Toluene-d8	10.34	98	717812	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.63	95	237988	53.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	66376	23.662	ug/l	94
3) Chloromethane	2.21	50	91110	23.069	ug/l	97
4) Vinyl Chloride	2.35	62	97888	22.347	ug/l	99
5) Bromomethane	2.76	94	72111	23.641	ug/l	90
6) Chloroethane	2.92	64	63402	22.788	ug/l	96
7) Trichlorofluoromethane	3.27	101	138747	21.441	ug/l	92
8) Diethyl Ether	3.71	74	36746	22.551	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	73990	21.127	ug/l	97
10) Methyl Iodide	4.30	142	63044	22.171	ug/l	99
11) Tert butyl alcohol	5.21	59	30718	103.330	ug/l #	87
12) 1,1-Dichloroethene	4.07	96	67519	21.459	ug/l	93
13) Acrolein	3.93	56	14492	93.802	ug/l	94
14) Allyl chloride	4.71	41	113283	21.969	ug/l	99
15) Acrylonitrile	5.43	53	81685	116.695	ug/l	98
16) Acetone	4.16	43	68890	99.090	ug/l	96
17) Carbon Disulfide	4.41	76	218578	21.132	ug/l	99
18) Methyl Acetate	4.71	43	44622	26.925	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	168557	22.845	ug/l	96
20) Methylene Chloride	4.96	84	109590	25.709	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	80911	21.655	ug/l	96
22) Diisopropyl ether	6.36	45	249847	23.561	ug/l	95
23) Vinyl Acetate	6.30	43	682969	113.179	ug/l	98
24) 1,1-Dichloroethane	6.27	63	150108	22.510	ug/l	96
25) 2-Butanone	7.21	43	103163	110.540	ug/l	98
26) 2,2-Dichloropropane	7.21	77	120196	19.650	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	90540	22.534	ug/l	98
28) Bromochloromethane	7.54	49	58032	22.604	ug/l	98
29) Tetrahydrofuran	7.56	42	68996	118.707	ug/l	98
30) Chloroform	7.71	83	162062	22.972	ug/l	97
31) Cyclohexane	7.98	56	122746	19.913	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	141165	21.283	ug/l	100
36) 1,1-Dichloropropene	8.11	75	118408	20.564	ug/l	100
37) Ethyl Acetate	7.29	43	49197	21.456	ug/l	98
38) Carbon Tetrachloride	8.09	117	124488	20.454	ug/l	97

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	120527	18.745	ug/l	98
40) Benzene	8.34	78	332270	21.069	ug/l	100
41) Methacrylonitrile	7.52	41	22109	19.920	ug/l	89
42) 1,2-Dichloroethane	8.42	62	111421	21.806	ug/l	100
43) Isopropyl Acetate	8.45	43	90459	20.587	ug/l	97
44) Trichloroethene	9.11	130	85751	20.729	ug/l	99
45) 1,2-Dichloropropane	9.38	63	85940	21.670	ug/l	96
46) Dibromomethane	9.47	93	47262	21.600	ug/l	97
47) Bromodichloromethane	9.66	83	122782	20.741	ug/l	99
48) Methyl methacrylate	9.45	41	47247	21.265	ug/l	96
49) 1,4-Dioxane	9.46	88	10558	439.833	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	245246	110.669	ug/l	98
52) Toluene	10.40	92	214264	21.464	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	109228	20.902	ug/l	89
54) cis-1,3-Dichloropropene	10.08	75	133455	21.266	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	61244	21.770	ug/l	95
56) Ethyl methacrylate	10.66	69	69416	21.192	ug/l	96
57) 1,3-Dichloropropane	10.94	76	105017	21.312	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	182665	121.919	ug/l	100
59) 2-Hexanone	10.98	43	160008	107.371	ug/l	97
60) Dibromochloromethane	11.14	129	81246	21.839	ug/l	99
61) 1,2-Dibromoethane	11.24	107	59878	21.877	ug/l	99
64) Tetrachloroethene	10.87	164	70682	20.542	ug/l	96
65) Chlorobenzene	11.67	112	222212	21.068	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	81096	20.146	ug/l	97
67) Ethyl Benzene	11.74	91	392582	20.271	ug/l	99
68) m/p-Xylenes	11.85	106	295382	41.077	ug/l	99
69) o-Xylene	12.18	106	127343	19.760	ug/l	93
70) Styrene	12.19	104	226486	20.215	ug/l	97
71) Bromoform	12.36	173	43098	21.244	ug/l #	96
73) Isopropylbenzene	12.48	105	360603	20.692	ug/l	99
74) N-amyl acetate	12.29	43	81839	20.734	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	64919	21.086	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	87102	38.478	ug/l #	100
77) Bromobenzene	12.76	156	82884	21.333	ug/l	99
78) n-propylbenzene	12.82	91	434712	20.577	ug/l	100
79) 2-Chlorotoluene	12.91	91	254094	21.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	308593	21.039	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	19038	19.635	ug/l	100
82) 4-Chlorotoluene	13.00	91	271941	21.457	ug/l	99
83) tert-Butylbenzene	13.23	119	244913	20.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	309809	21.215	ug/l	99
85) sec-Butylbenzene	13.40	105	350750	20.325	ug/l	97
86) p-Isopropyltoluene	13.52	119	313655	20.194	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	159648	20.698	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	155936	20.142	ug/l	97
89) n-Butylbenzene	13.84	91	291513	19.260	ug/l	98
90) Hexachloroethane	14.11	117	70068	20.936	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136965	20.316	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10588	20.245	ug/l	95

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

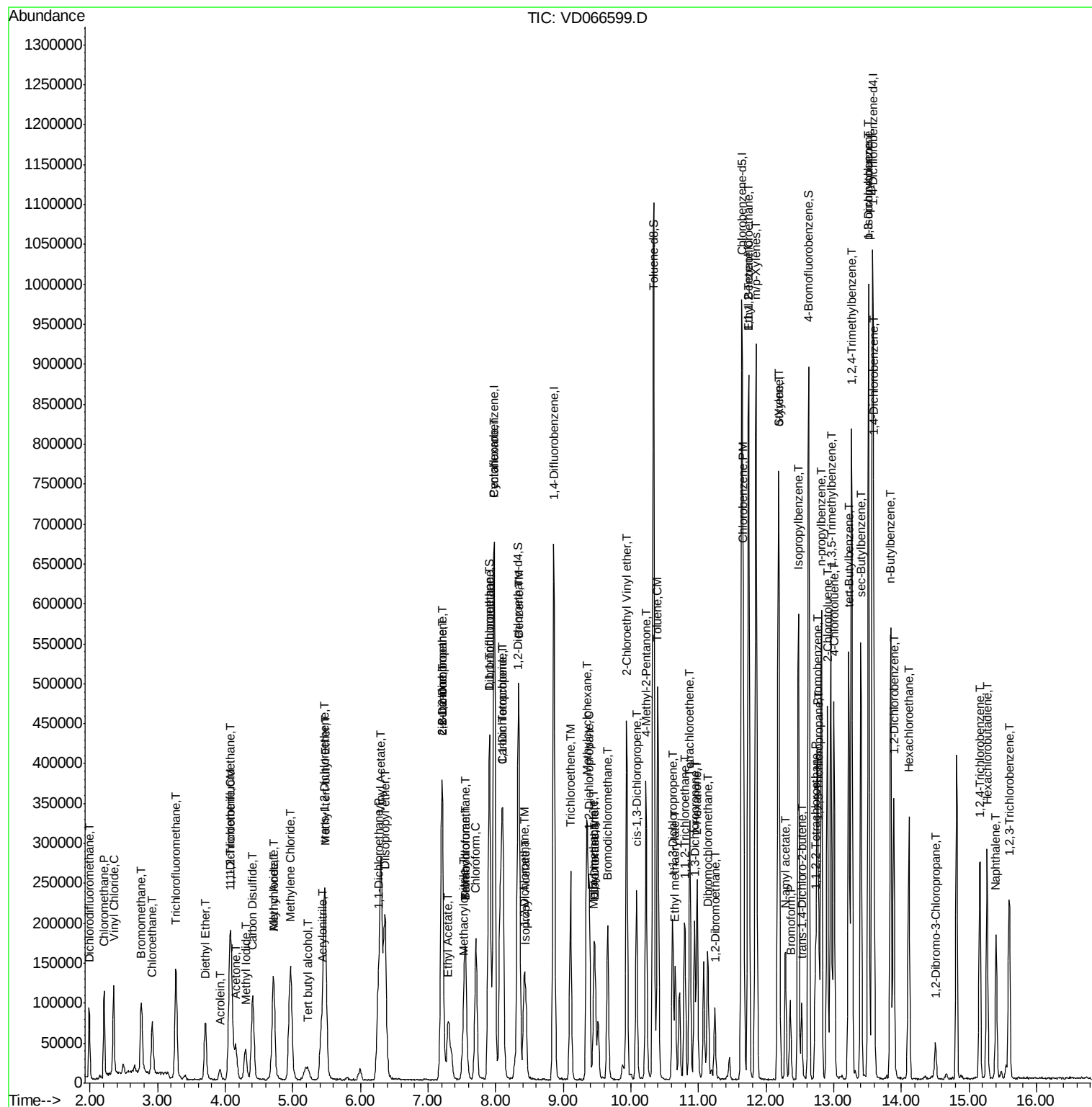
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80480	19.891	ug/l	99
94) Hexachlorobutadiene	15.27	225	47455	19.523	ug/l	99
95) Naphthalene	15.40	128	148751	21.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	74589	21.623	ug/l	96

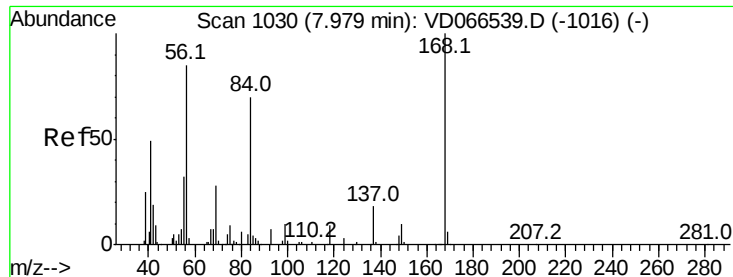
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090920\
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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

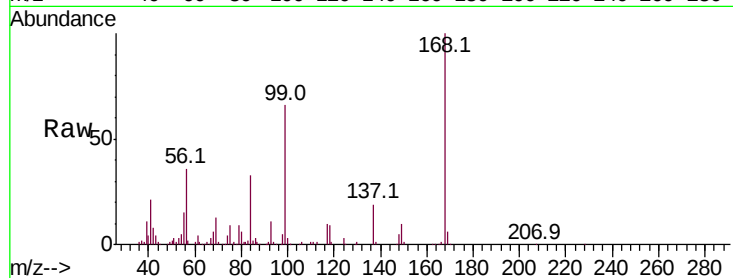
VD0909SBSD02

Tot Ion:168 Resp: 312295

Ion Ratio Lower Upper

168 100

99 65.6 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

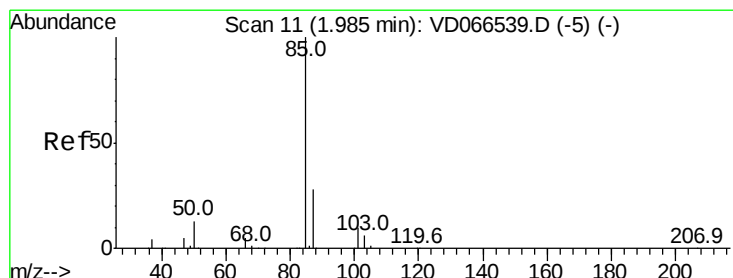
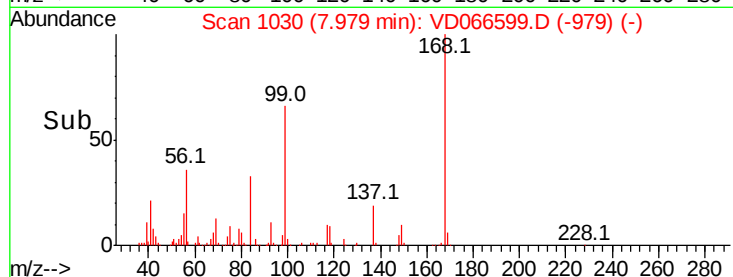
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 23.662 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066599.D

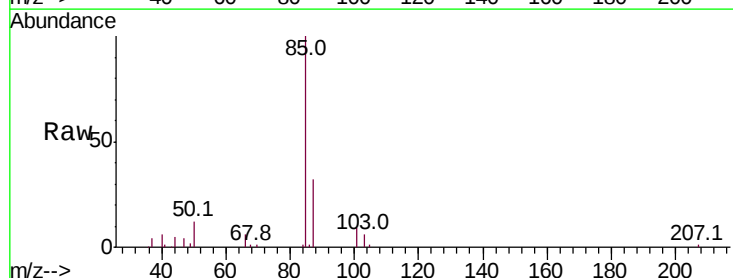
Acq: 10 Sep 2020 00:21

Tgt Ion: 85 Resp: 66376

Ion Ratio Lower Upper

85 100

87 31.7 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

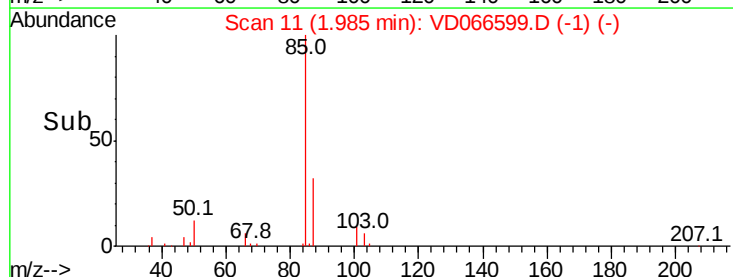
20000

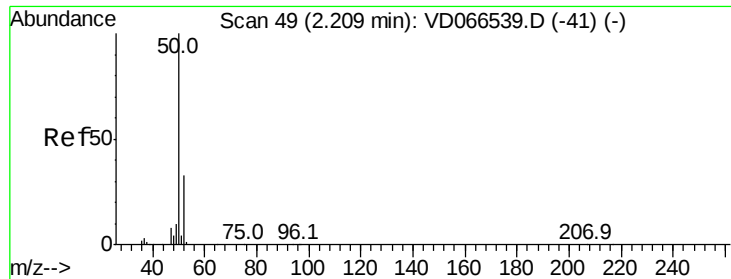
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 23.069 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

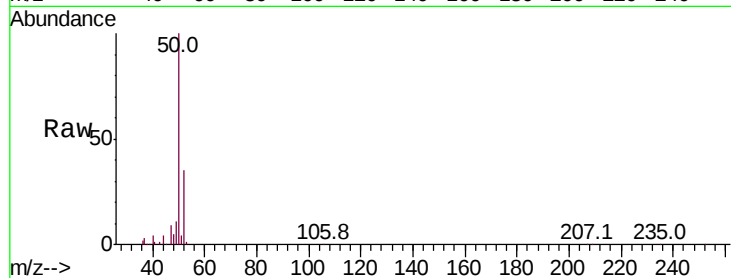
VD0909SBSD02

Tot Ion: 50 Resp: 91110

Ion Ratio Lower Upper

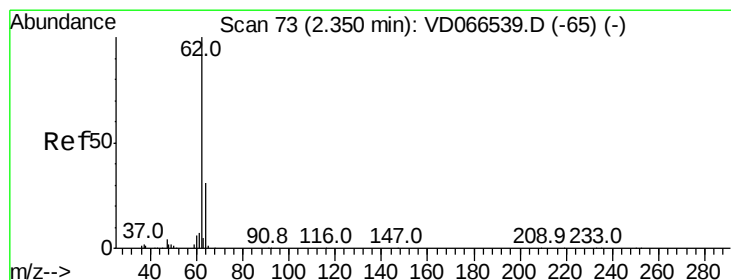
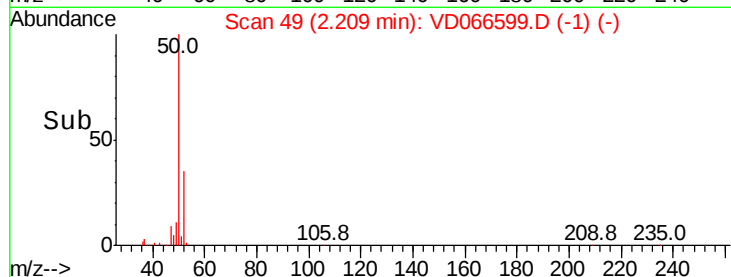
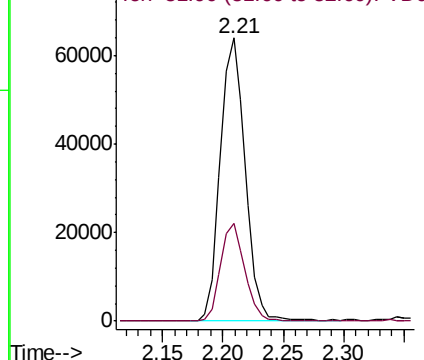
50 100

52 34.5 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 22.347 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066599.D

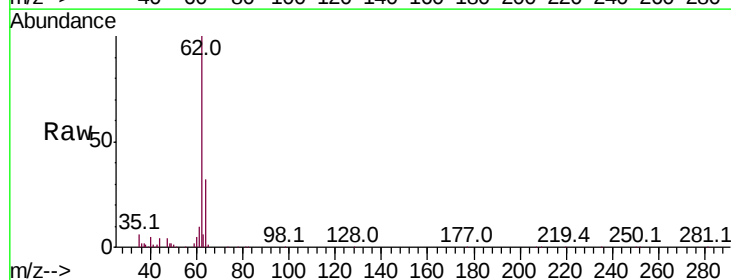
Acq: 10 Sep 2020 00:21

Tgt Ion: 62 Resp: 97888

Ion Ratio Lower Upper

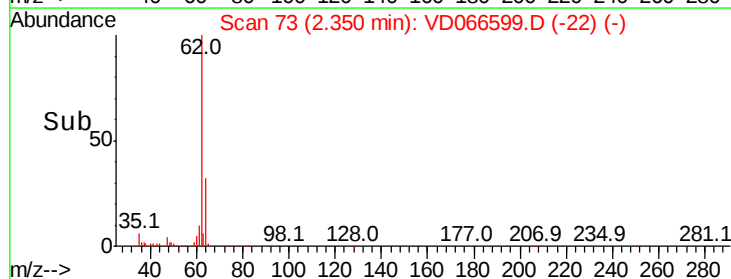
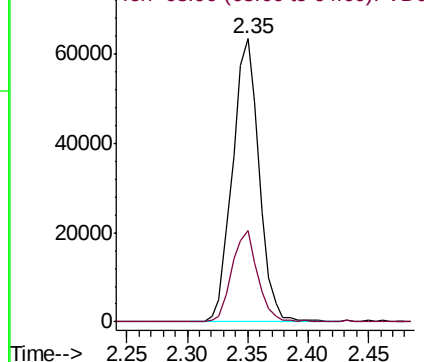
62 100

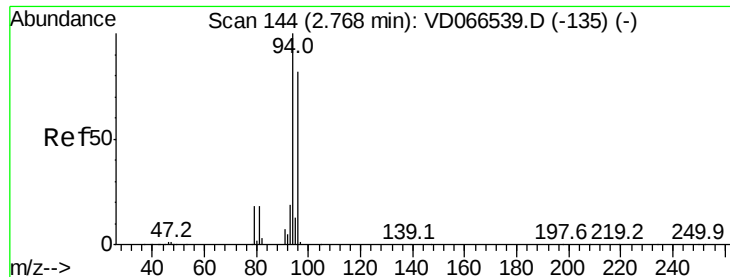
64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 23.641 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

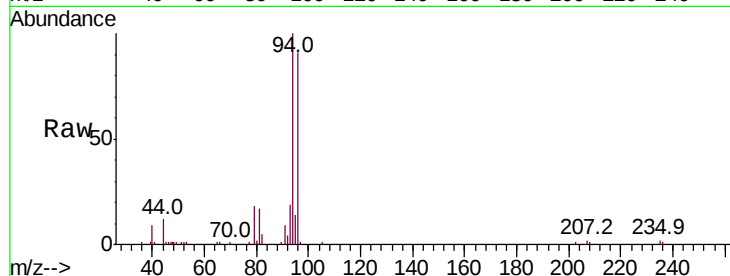
VD0909SBSD02

Tot Ion: 94 Resp: 72111

Ion Ratio Lower Upper

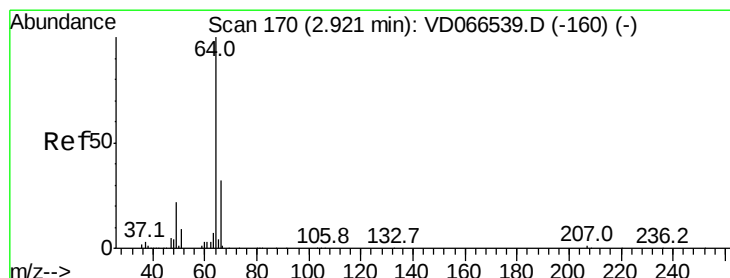
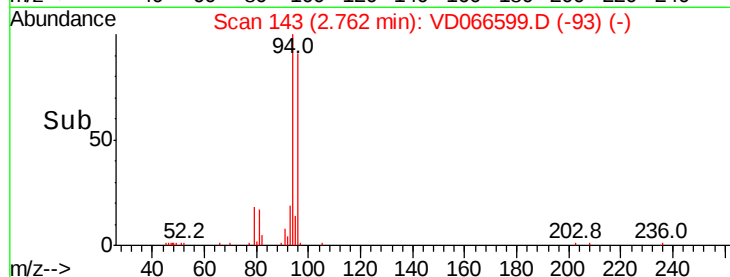
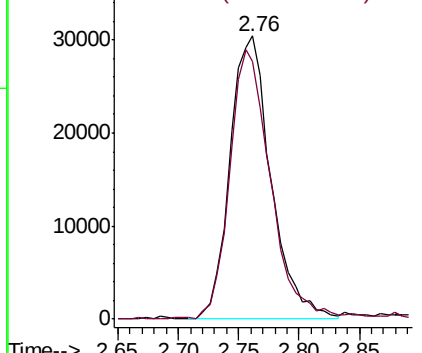
94 100

96 90.2 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 22.788 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066599.D

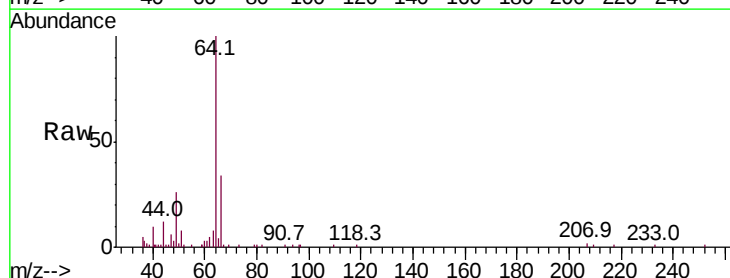
Acq: 10 Sep 2020 00:21

Tgt Ion: 64 Resp: 63402

Ion Ratio Lower Upper

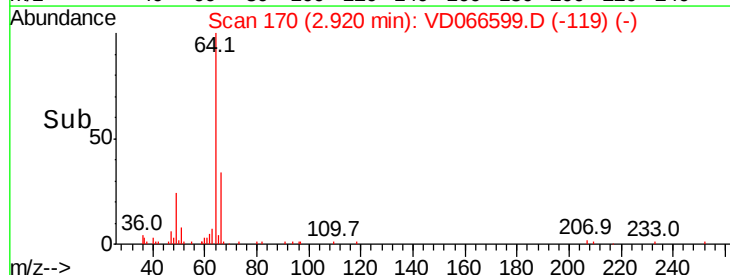
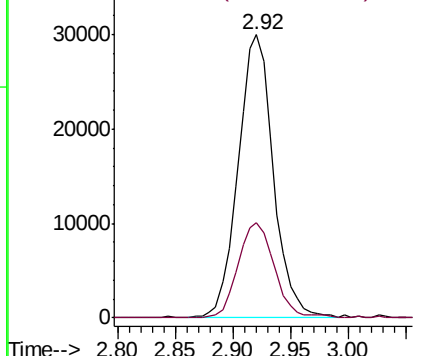
64 100

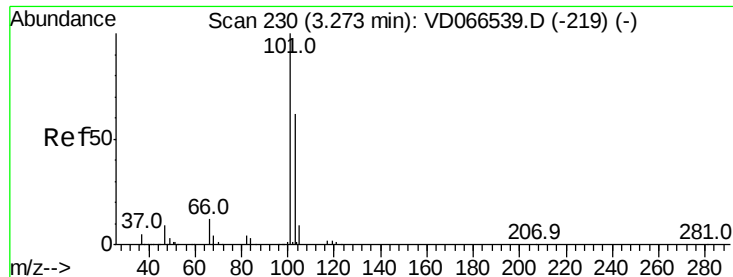
66 33.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



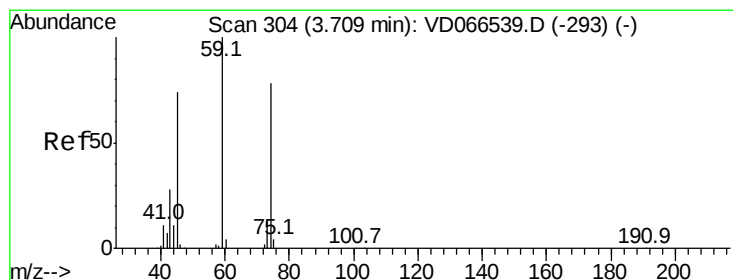
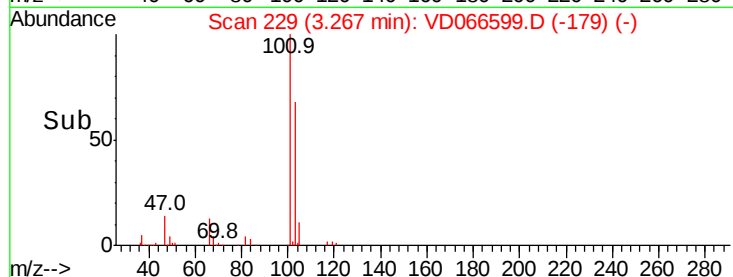
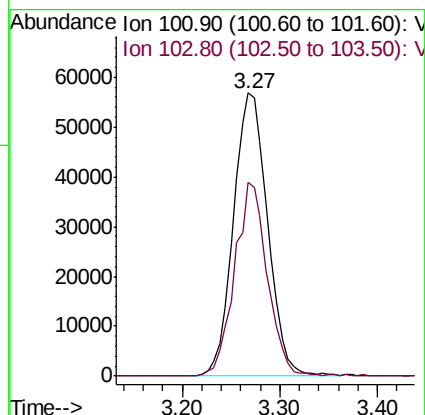
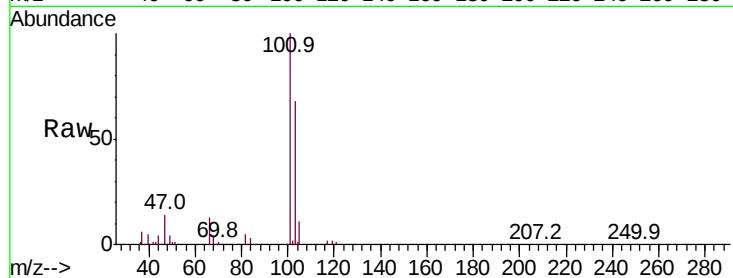


#7

Trichlorofluoromethane
 Concen: 21.441 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
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 VD0909SBSD02

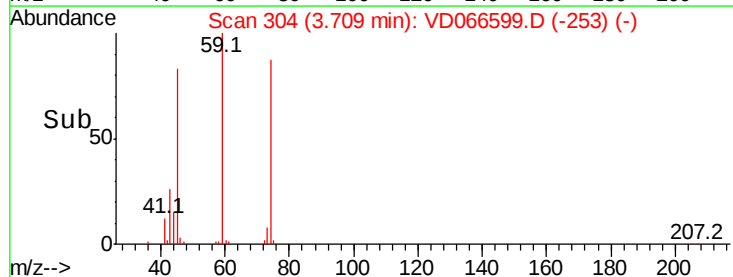
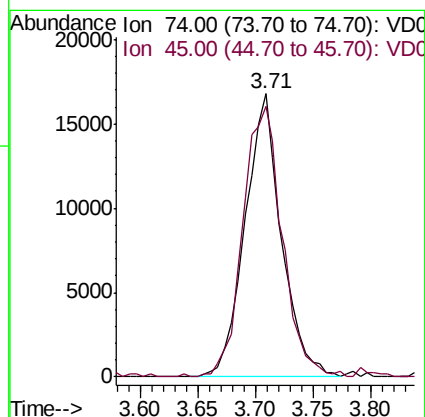
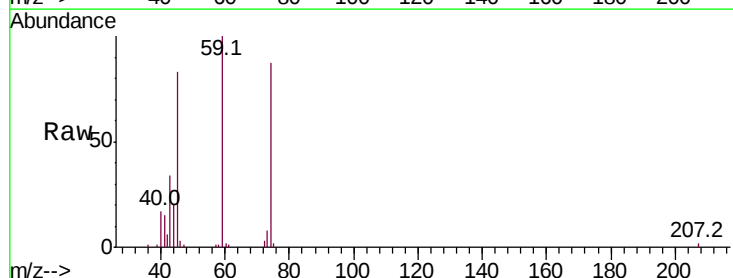
Tot Ion:101 Resp: 138747
 Ion Ratio Lower Upper
 101 100
 103 68.3 49.7 74.5

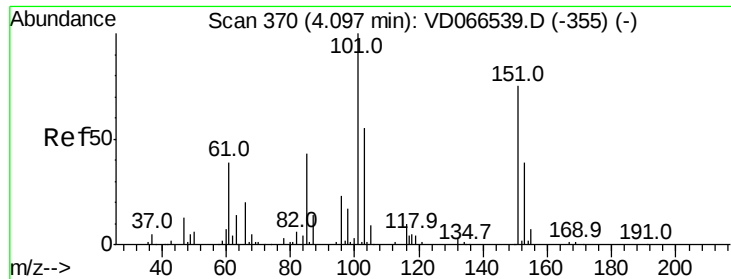


#8

Diethyl Ether
 Concen: 22.551 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 74 Resp: 36746
 Ion Ratio Lower Upper
 74 100
 45 103.6 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.127 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

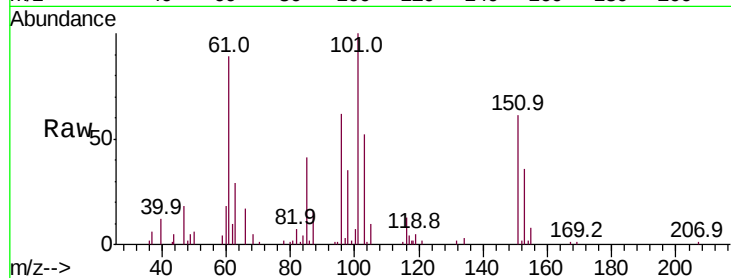
Tot Ion:101 Resp: 73990

Ion Ratio Lower Upper

101 100

85 47.0 37.0 55.6

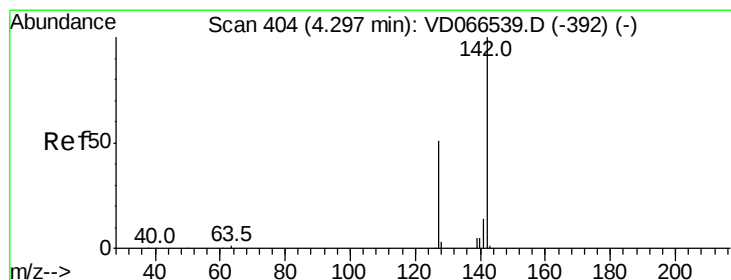
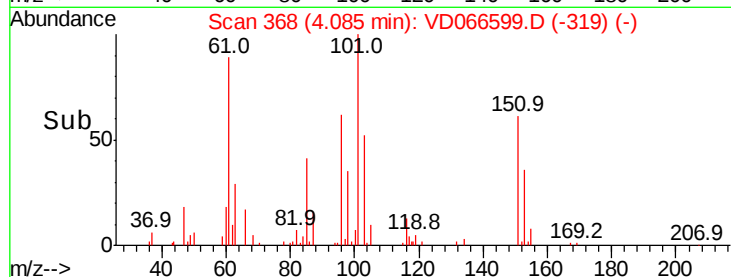
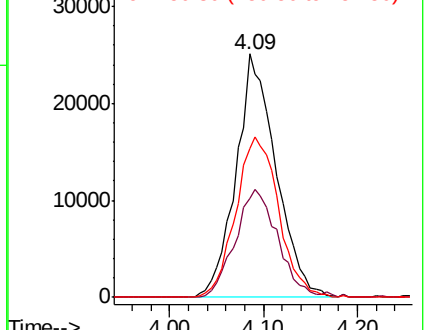
151 70.6 59.4 89.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.171 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

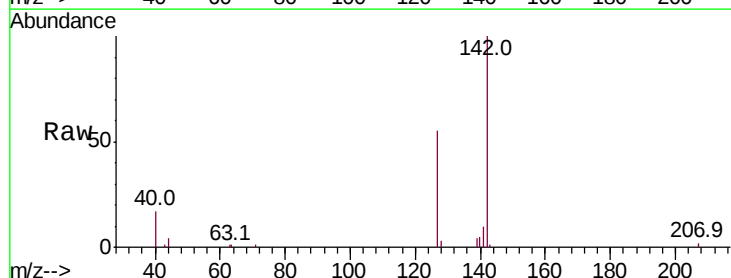
Tgt Ion:142 Resp: 63044

Ion Ratio Lower Upper

142 100

127 51.5 40.6 61.0

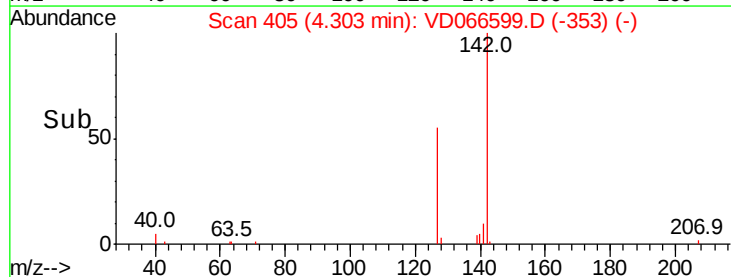
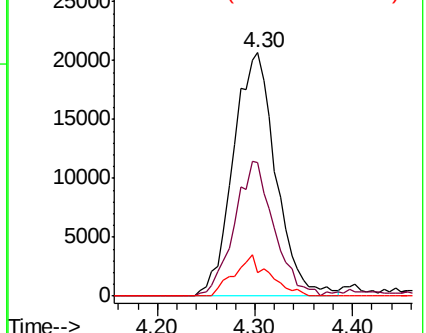
141 14.0 12.2 18.4

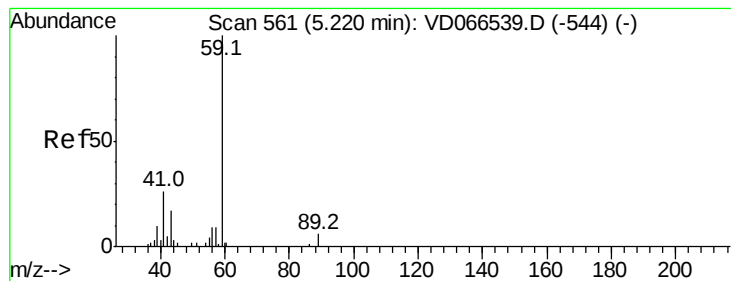


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



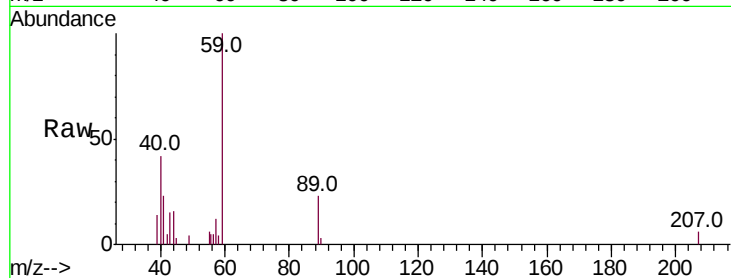


#11

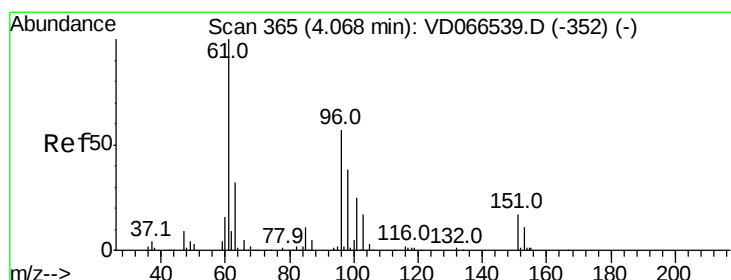
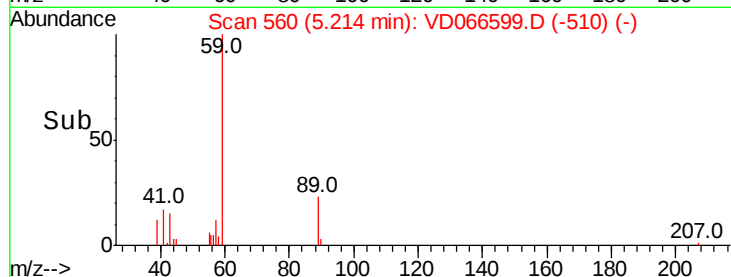
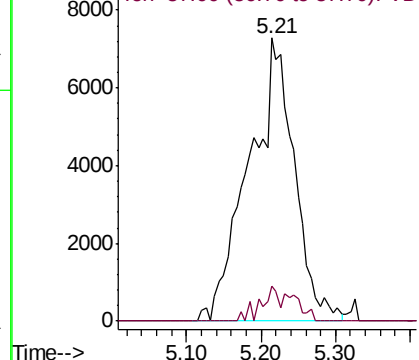
Tert butyl alcohol
Concen: 103.330 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

Tot Ion: 59 Resp: 30718
Ion Ratio Lower Upper
59 100
57 4.8 7.6 11.4#



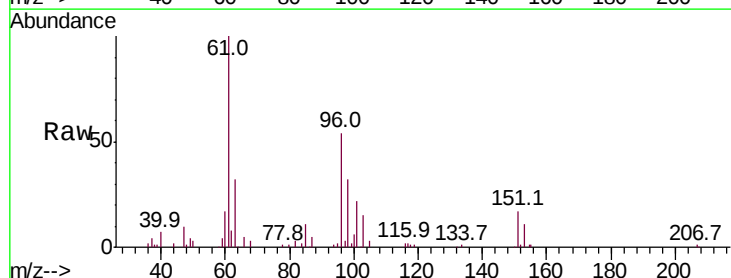
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



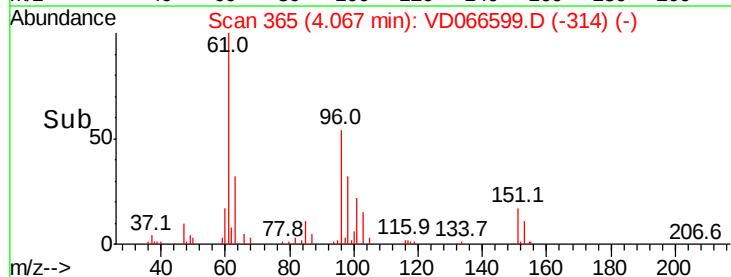
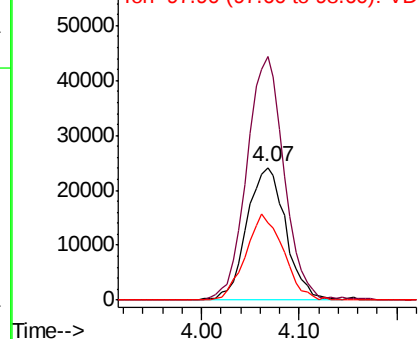
#12

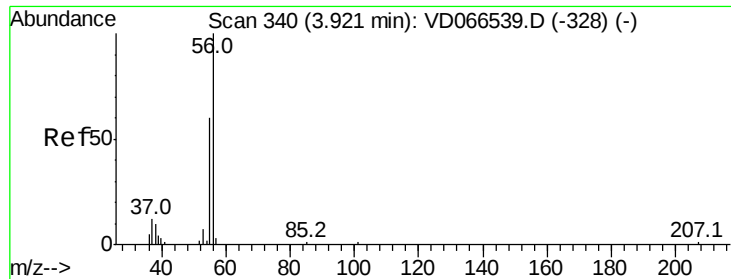
1,1-Dichloroethene
Concen: 21.459 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 96 Resp: 67519
Ion Ratio Lower Upper
96 100
61 184.1 140.9 211.3
98 58.6 53.2 79.8



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

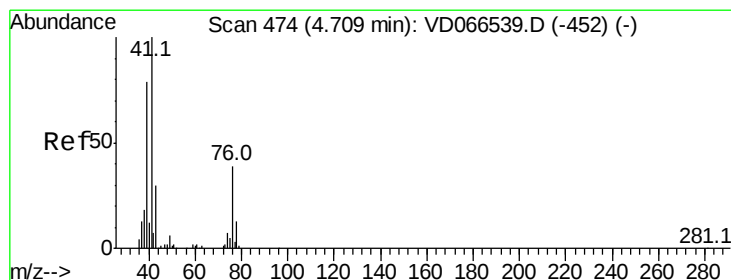
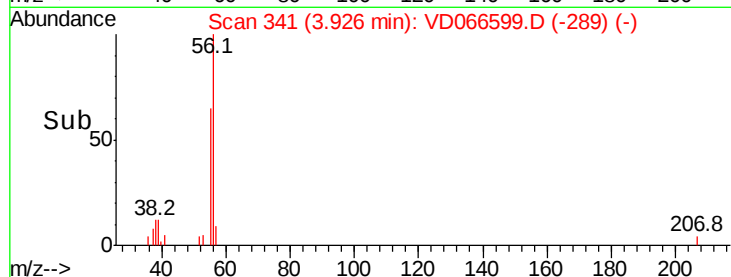
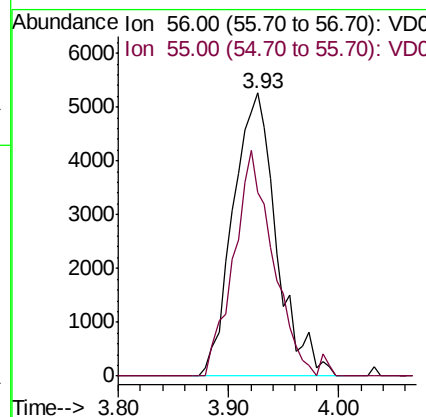
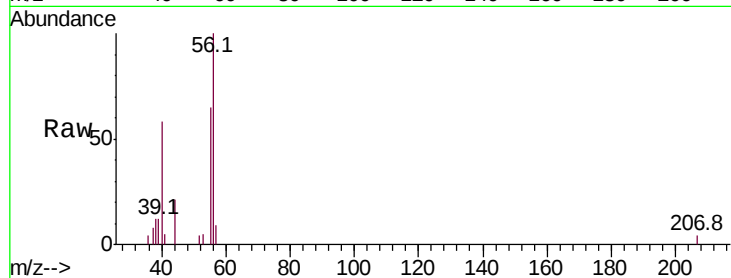




#13
Acrolein
Concen: 93.802 ug/l
RT: 3.93 min Scan# 341
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

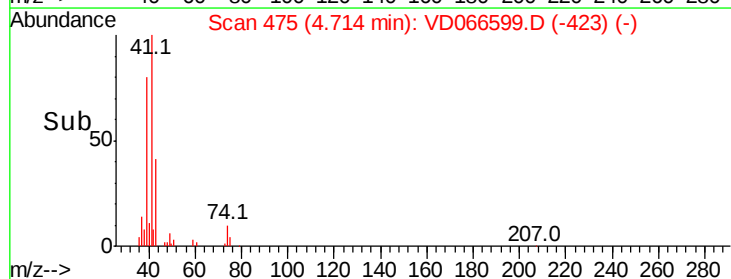
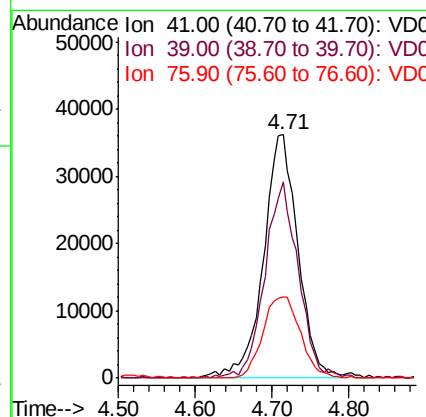
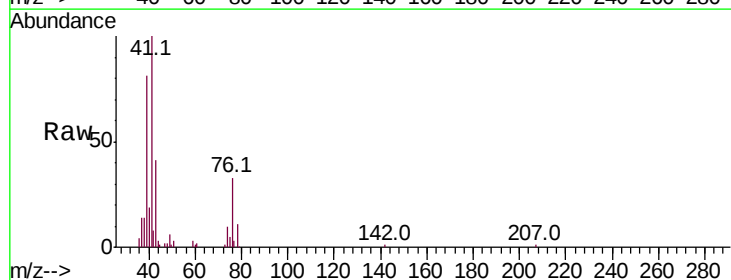
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

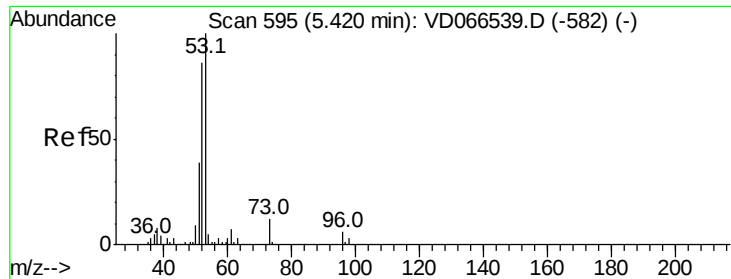
Tot Ion: 56 Resp: 14492
Ion Ratio Lower Upper
56 100
55 72.0 53.6 80.4



#14
Allyl chloride
Concen: 21.969 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 41 Resp: 113283
Ion Ratio Lower Upper
41 100
39 78.4 61.9 92.9
76 36.1 29.0 43.6





#15

Acrylonitrile

Concen: 116.695 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

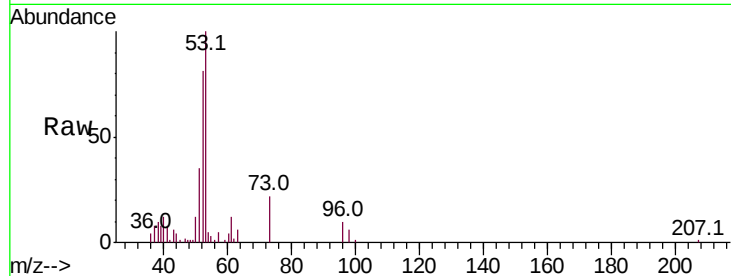
Tot Ion: 53 Resp: 81685

Ion Ratio Lower Upper

53 100

52 79.3 65.4 98.2

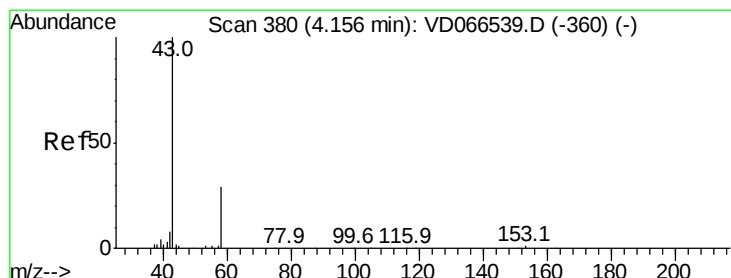
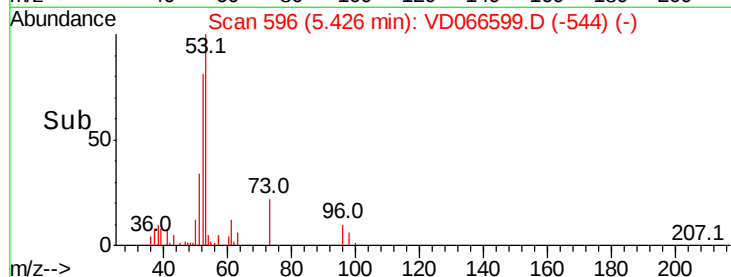
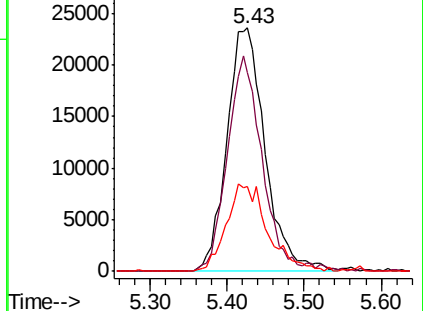
51 38.4 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 99.090 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066599.D

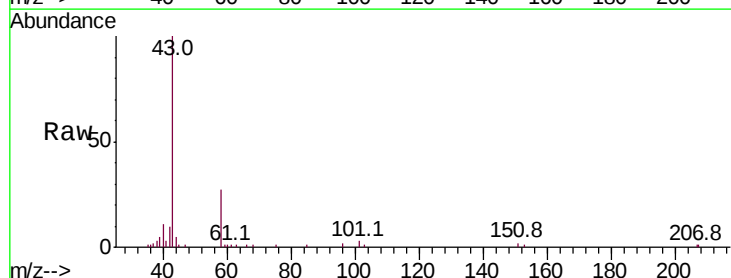
Acq: 10 Sep 2020 00:21

Tgt Ion: 43 Resp: 68890

Ion Ratio Lower Upper

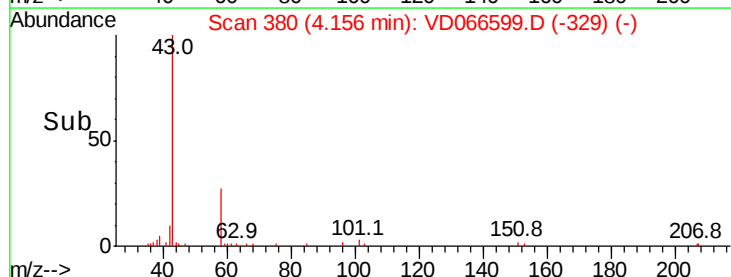
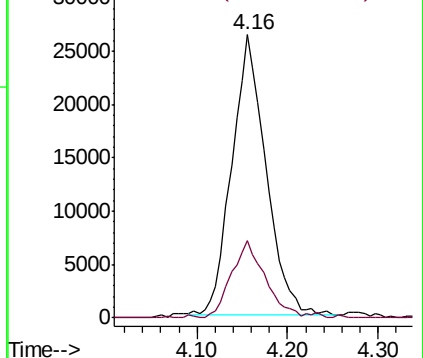
43 100

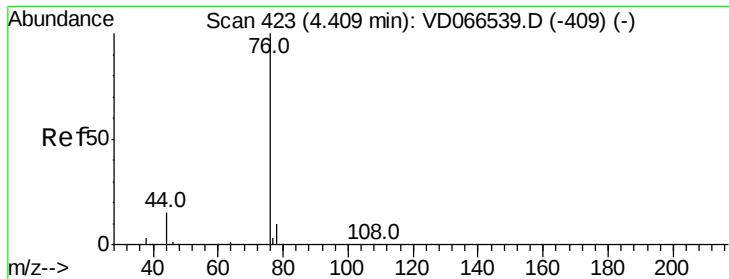
58 26.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

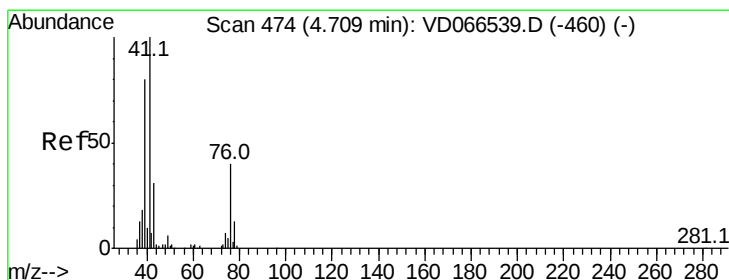
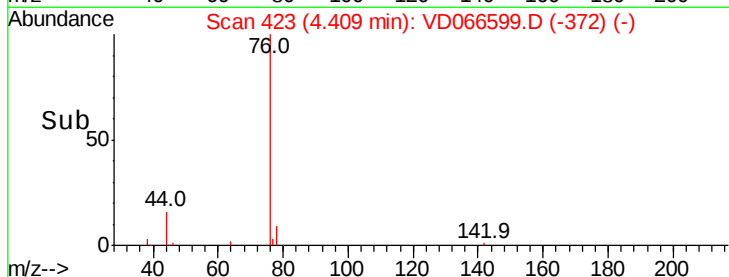
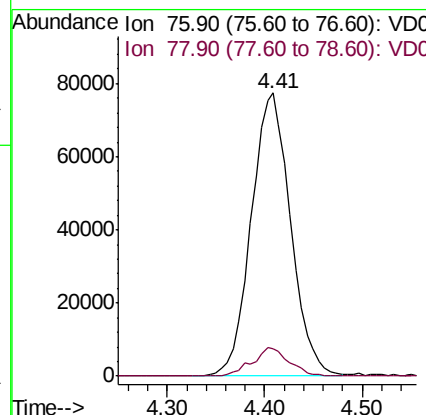
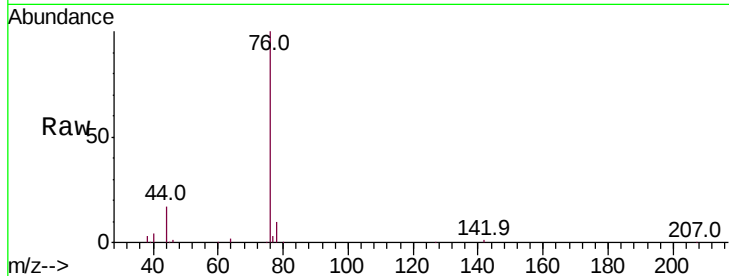




#17
Carbon Disulfide
Concen: 21.132 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

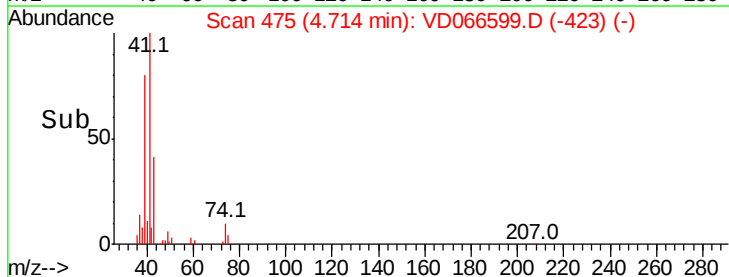
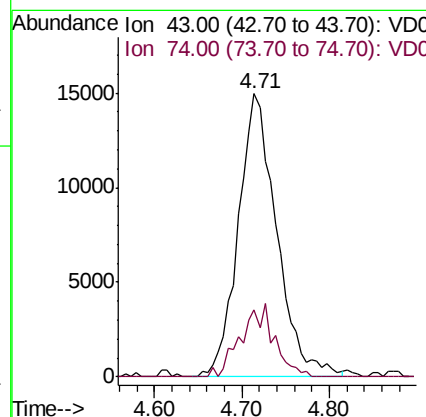
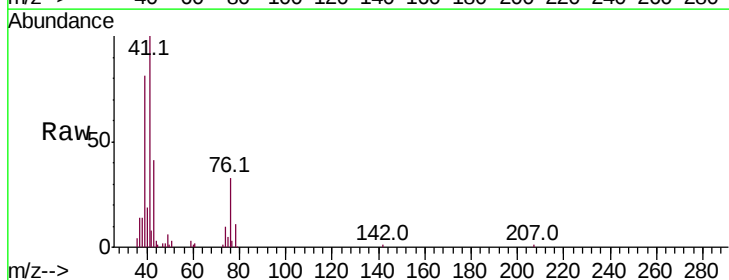
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

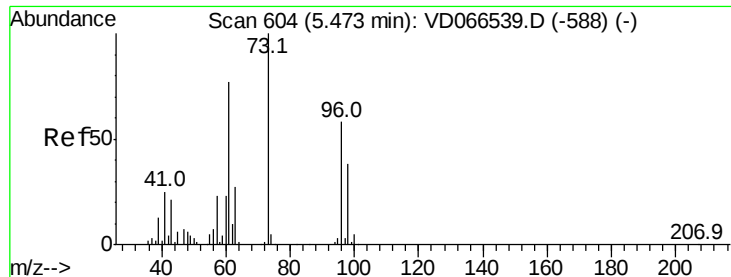
Tot Ion: 76 Resp: 218578
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 26.925 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 43 Resp: 44622
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0





#19

Methyl tert-butyl Ether

Concen: 22.845 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

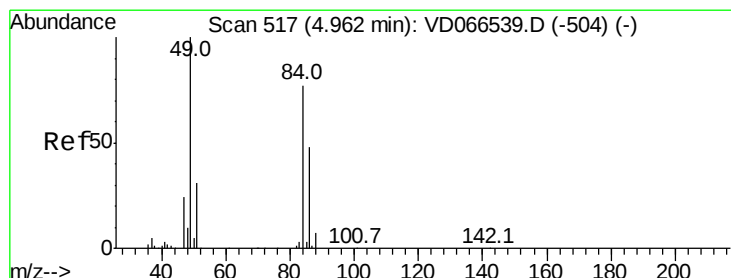
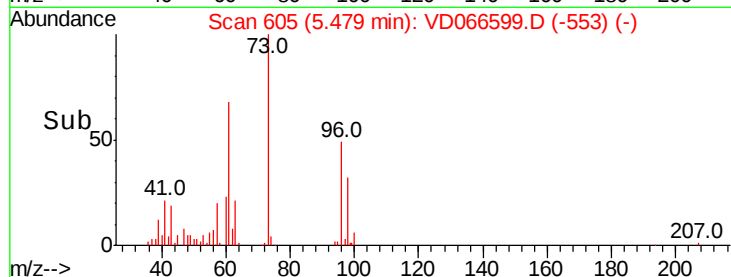
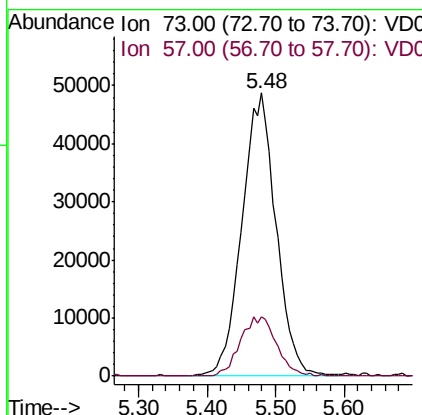
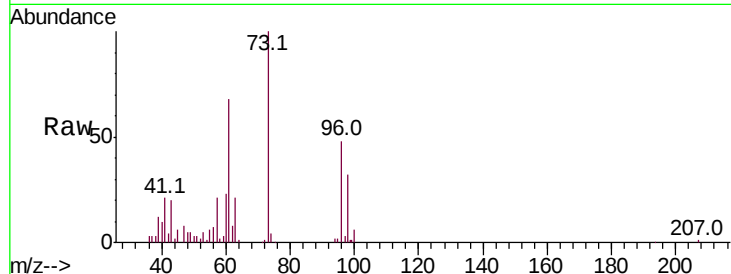
Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

Tot Ion: 73 Resp: 168557

Ion	Ratio	Lower	Upper
73	100		
57	20.8	18.3	27.5



#20

Methylene Chloride

Concen: 25.709 ug/l

RT: 4.96 min Scan# 516

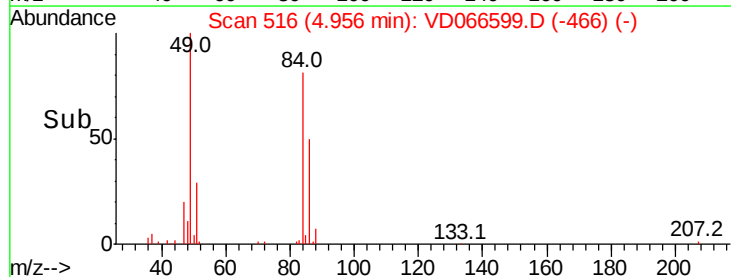
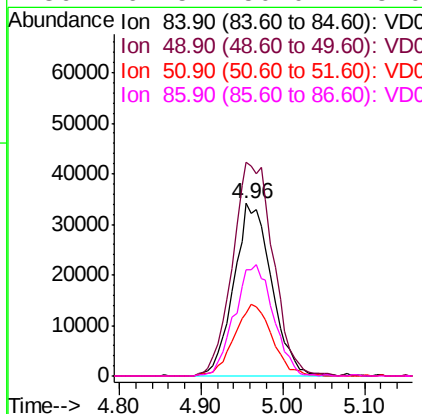
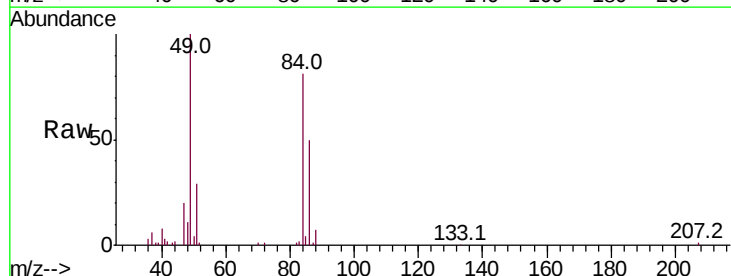
Delta R.T. -0.01 min

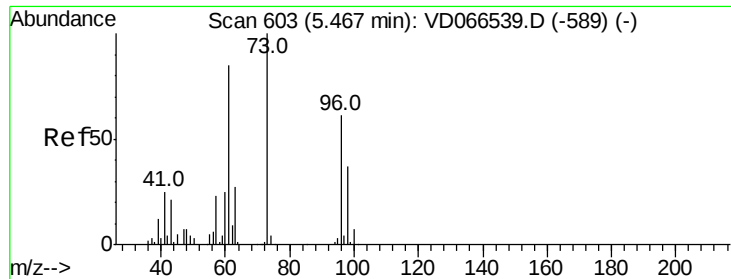
Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion: 84 Resp: 109590

Ion	Ratio	Lower	Upper
84	100		
49	123.7	104.3	156.5
51	36.3	32.2	48.4
86	61.5	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 21.655 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

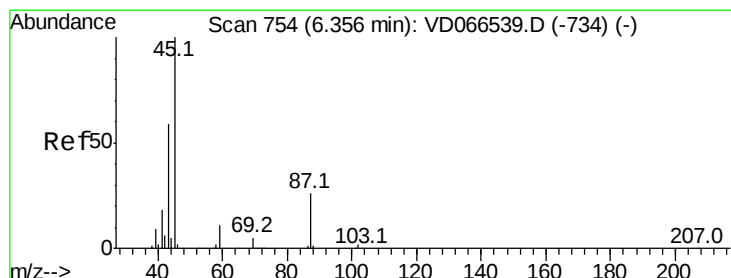
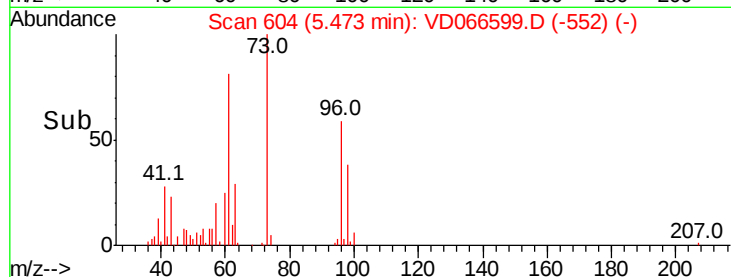
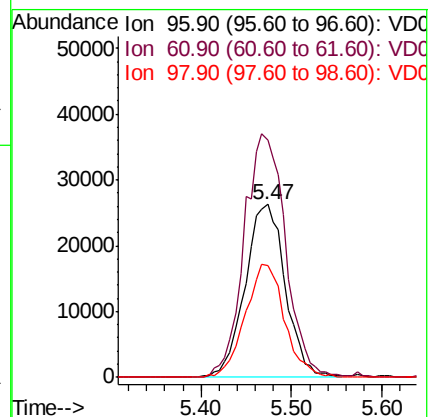
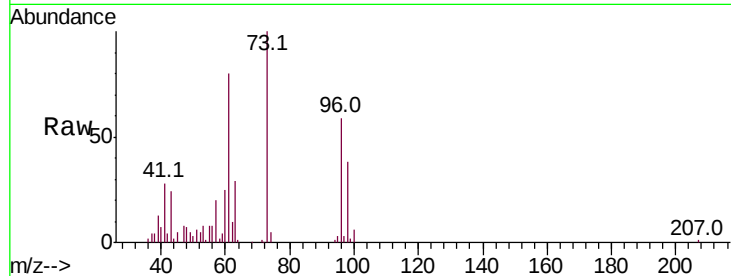
Tot Ion: 96 Resp: 80911

Ion Ratio Lower Upper

96 100

61 136.8 112.1 168.1

98 64.8 48.6 72.8



#22

Diisopropyl ether

Concen: 23.561 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion: 45 Resp: 249847

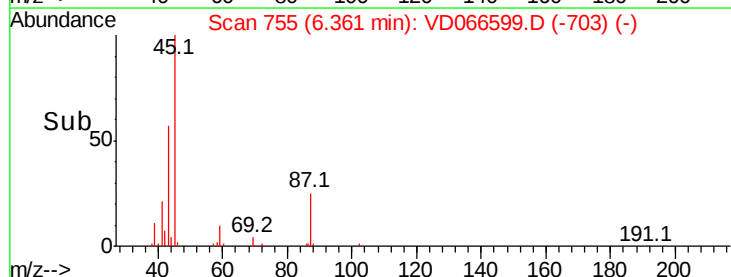
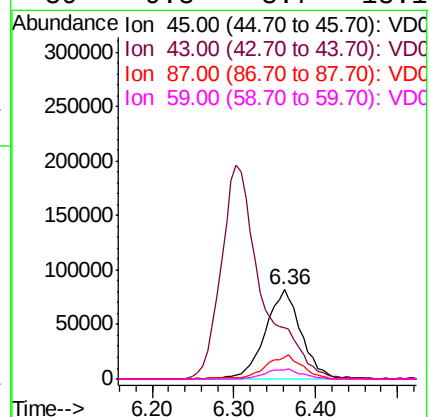
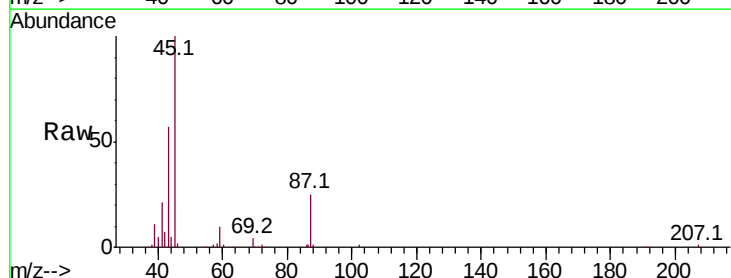
Ion Ratio Lower Upper

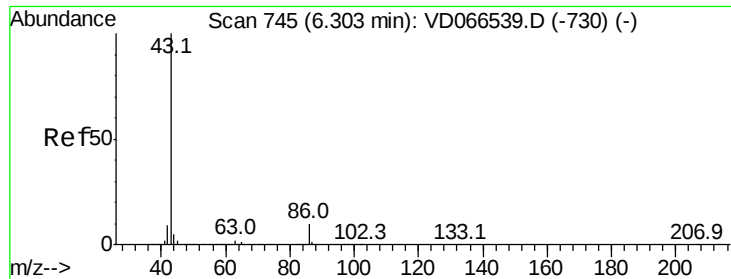
45 100

43 54.9 47.0 70.4

87 24.0 21.3 31.9

59 9.8 8.7 13.1

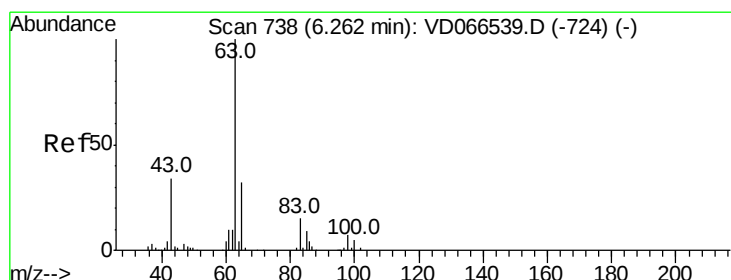
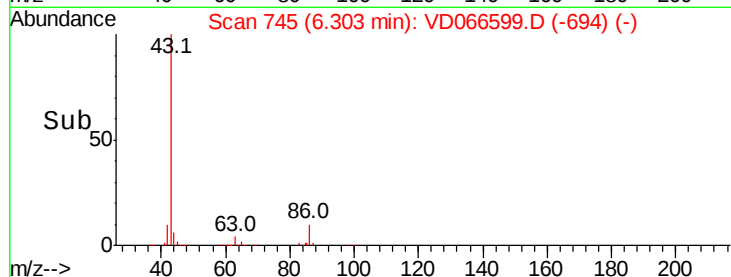
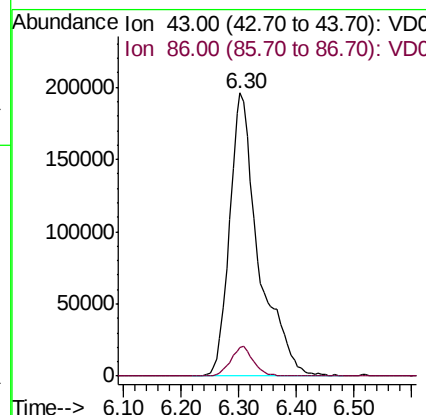
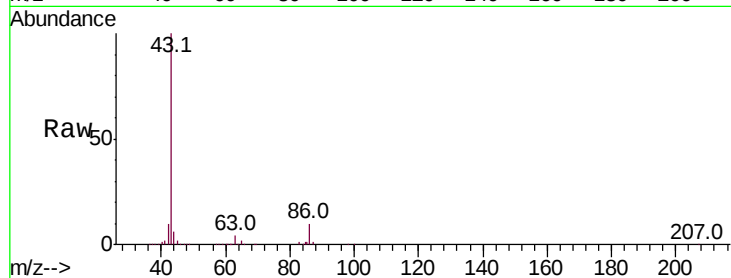




#23
 Vinyl Acetate
 Concen: 113.179 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

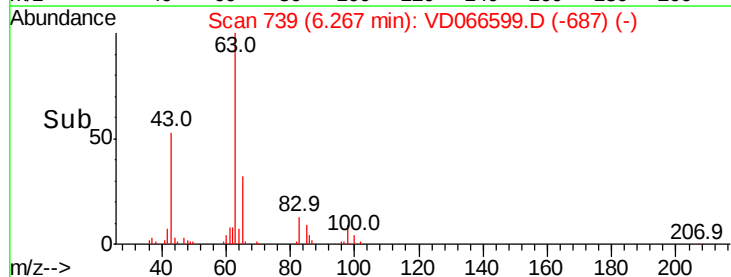
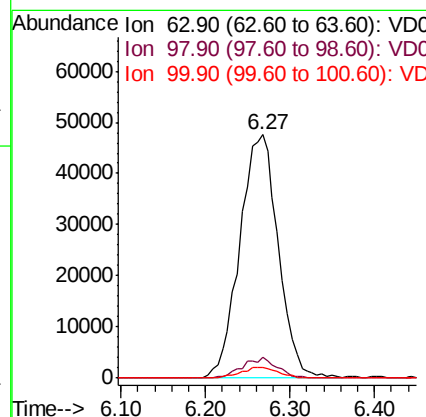
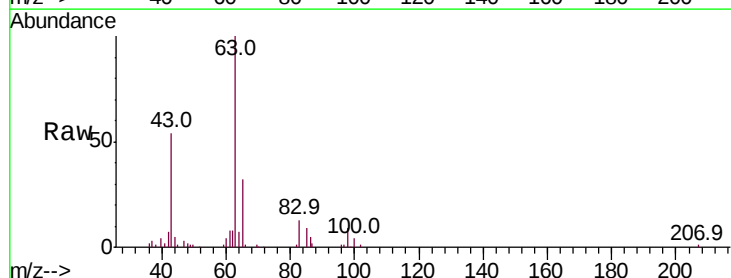
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

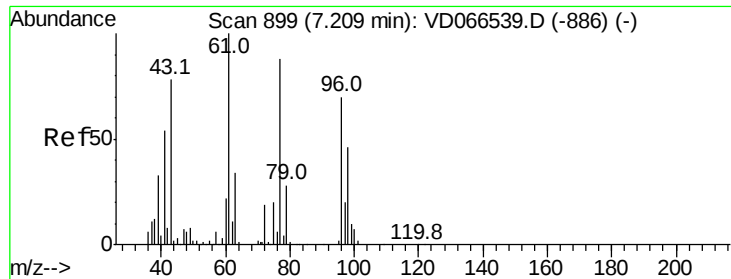
Tot Ion: 43 Resp: 682969
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 22.510 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 63 Resp: 150108
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.4 10.1
 100 4.4 2.5 7.4





#25

2-Butanone

Concen: 110.540 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

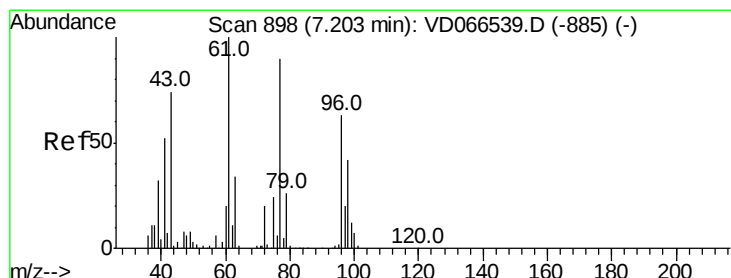
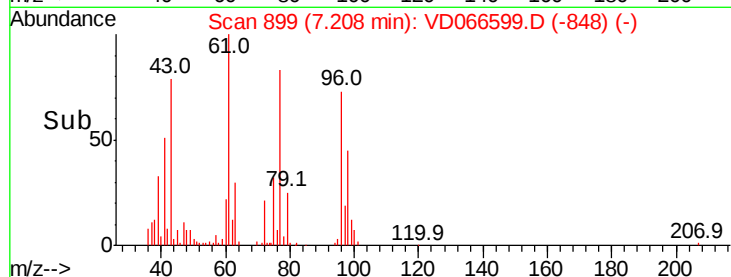
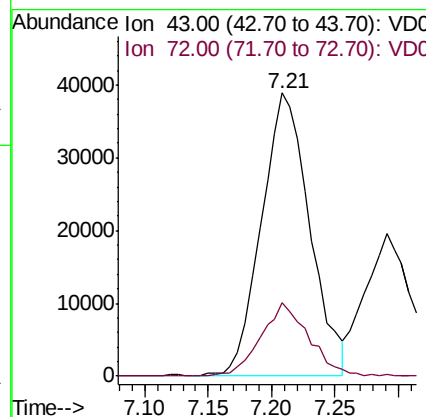
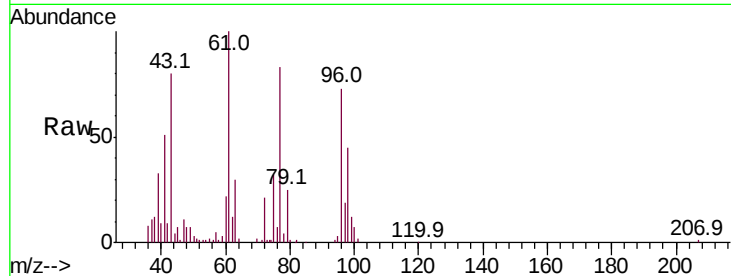
VD0909SBSD02

Tot Ion: 43 Resp: 103163

Ion Ratio Lower Upper

43 100

72 25.8 19.8 29.6



#26

2,2-Dichloropropane

Concen: 19.650 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066599.D

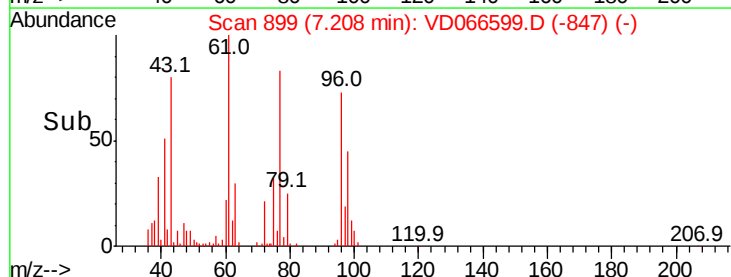
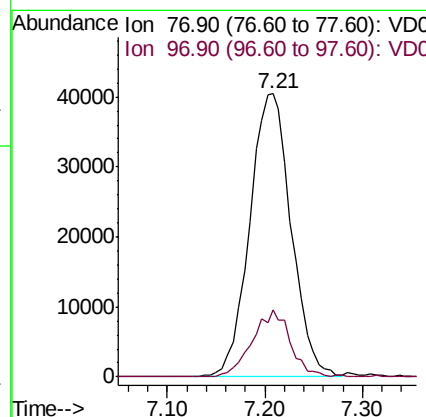
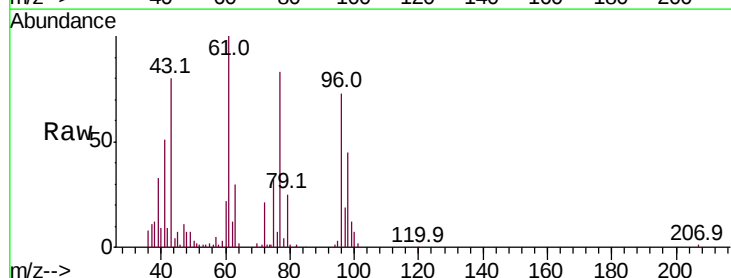
Acq: 10 Sep 2020 00:21

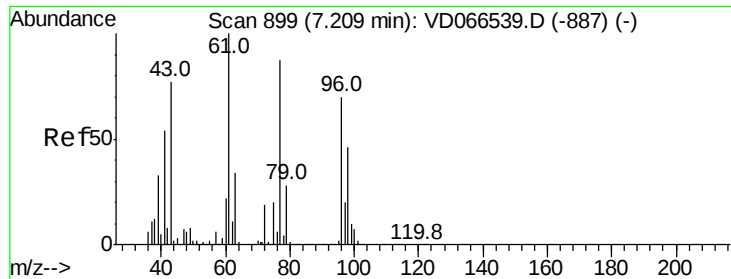
Tgt Ion: 77 Resp: 120196

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3

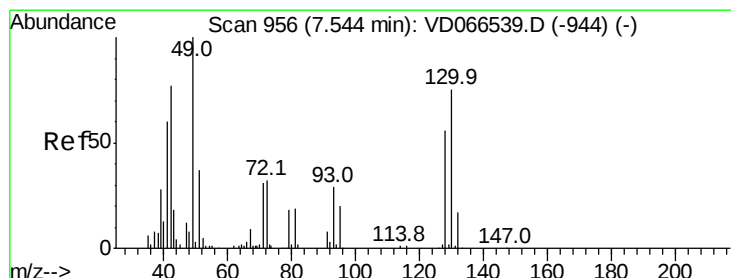
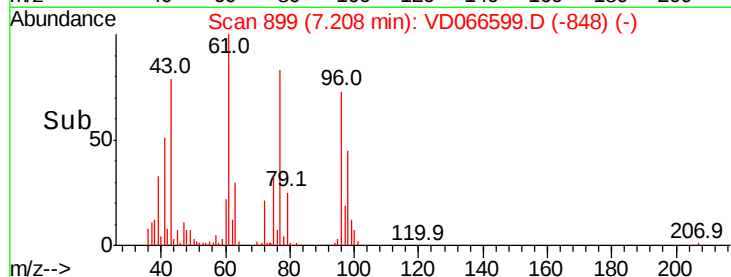
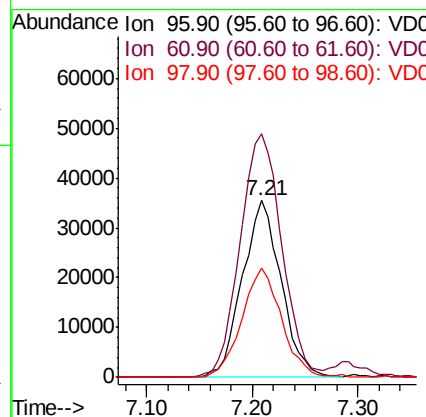
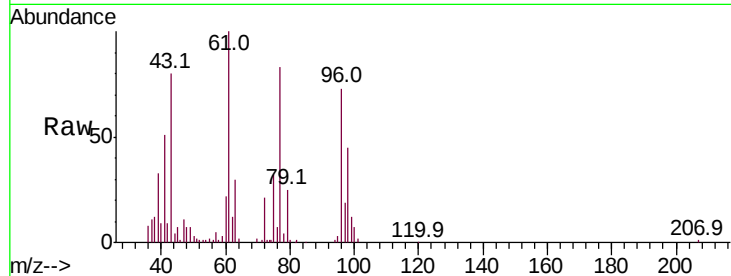




#27
 cis-1,2-Dichloroethene
 Concen: 22.534 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

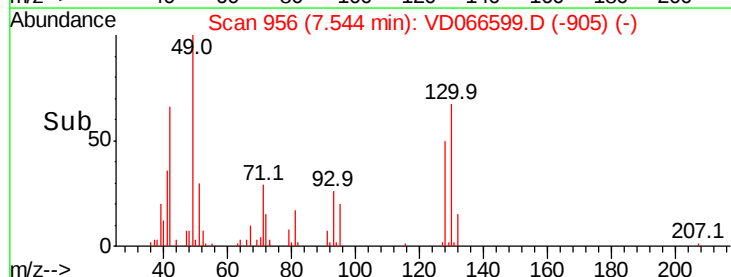
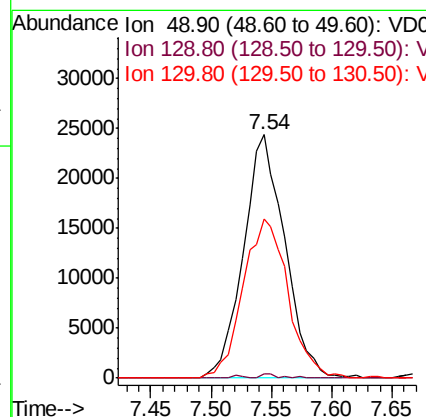
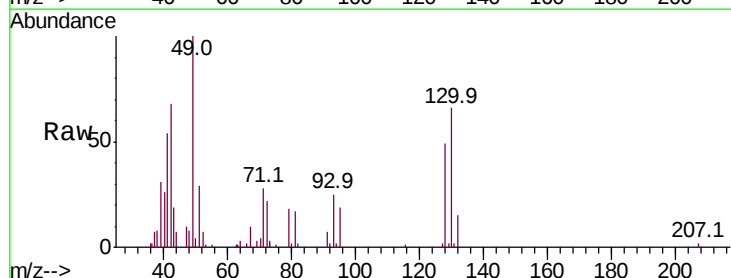
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBS02

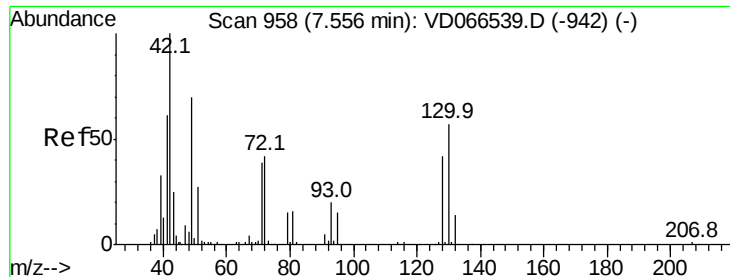
Tot Ion: 96 Resp: 90540
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 301.0
 98 62.8 0.0 129.8



#28
 Bromochloromethane
 Concen: 22.604 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 49 Resp: 58032
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 2.6
 130 71.2 58.2 87.2





#29

Tetrahydrofuran

Concen: 118.707 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

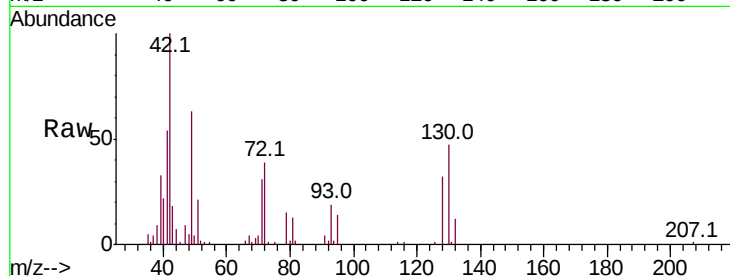
Tot Ion: 42 Resp: 68996

Ion Ratio Lower Upper

42 100

72 40.1 33.4 50.0

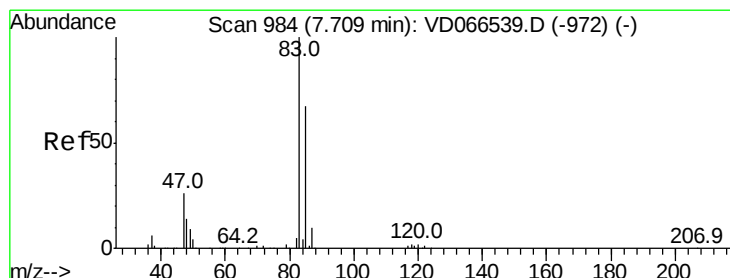
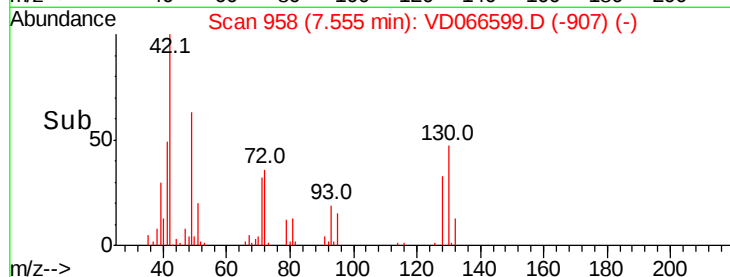
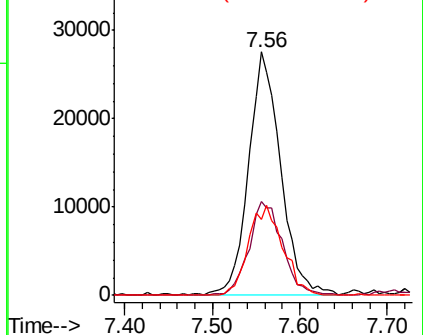
71 39.4 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 22.972 ug/l

RT: 7.71 min Scan# 984

Delta R.T. -0.00 min

Lab File: VD066599.D

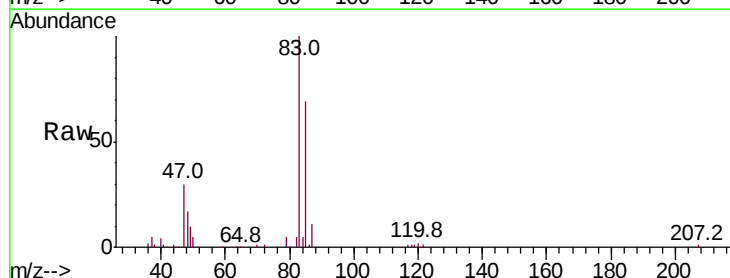
Acq: 10 Sep 2020 00:21

Tgt Ion: 83 Resp: 162062

Ion Ratio Lower Upper

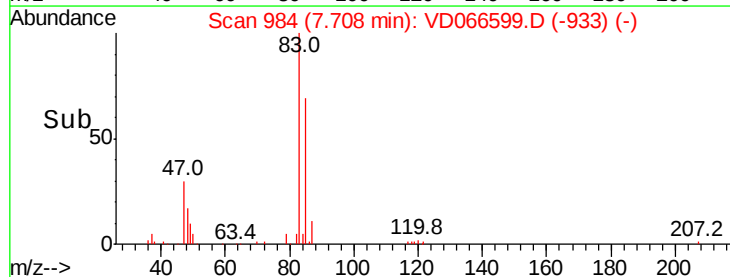
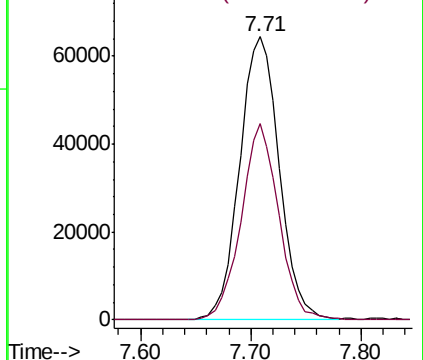
83 100

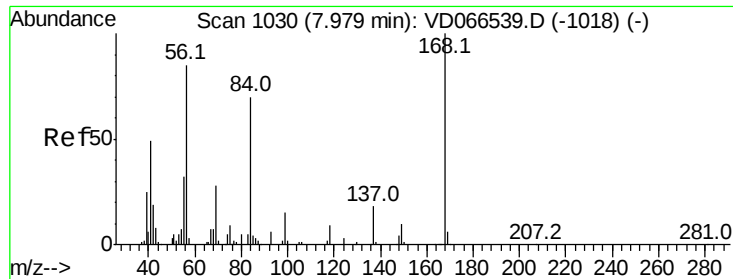
85 69.4 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

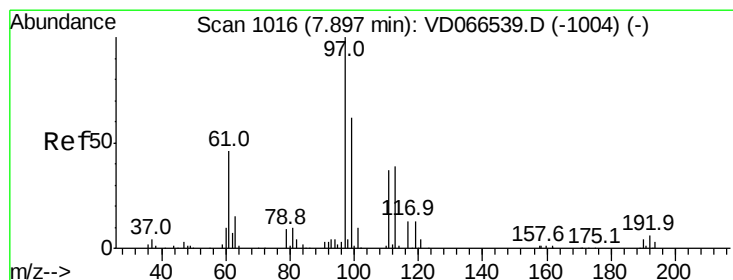
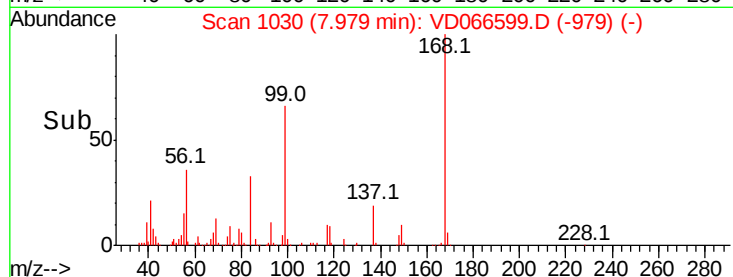
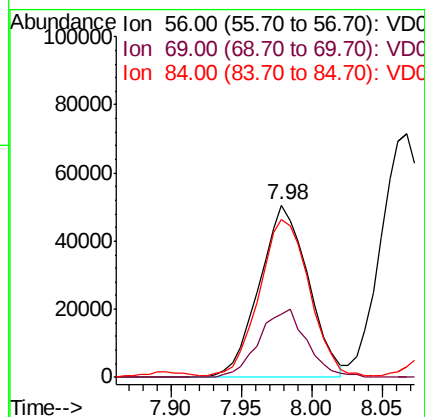
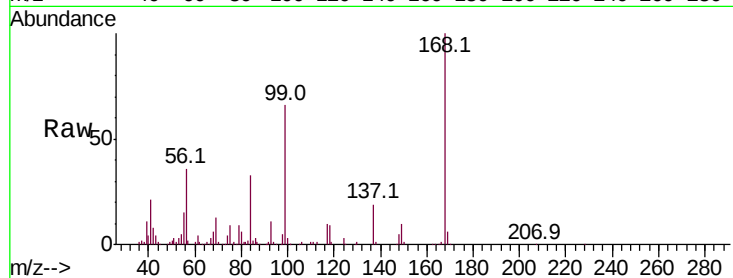




#31
Cyclohexane
Concen: 19.913 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

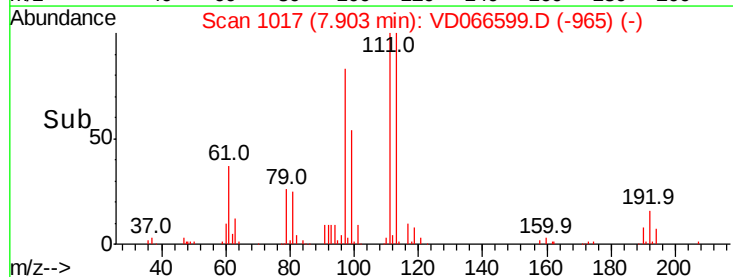
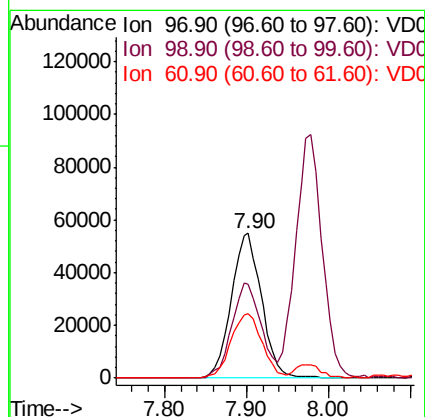
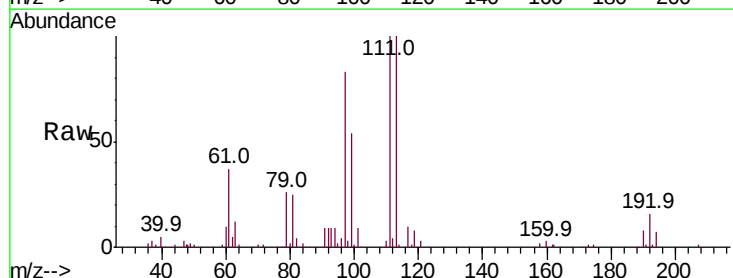
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

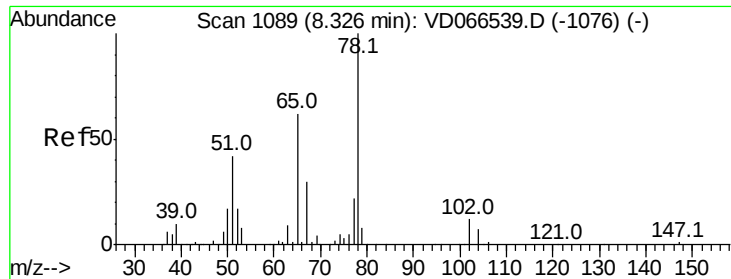
Tot Ion: 56 Resp: 122746
Ion Ratio Lower Upper
56 100
69 36.5 26.3 39.5
84 90.0 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 21.283 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 97 Resp: 141165
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.3 37.4 56.0

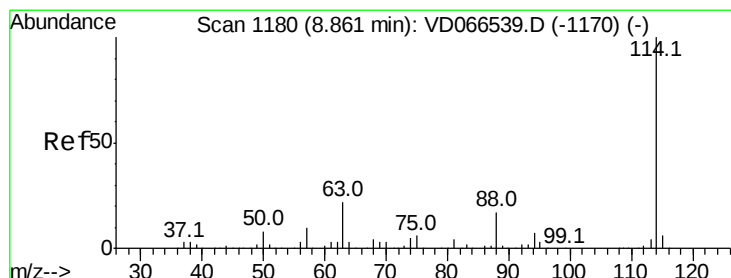
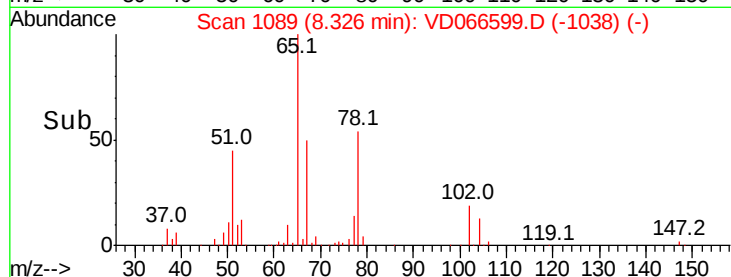
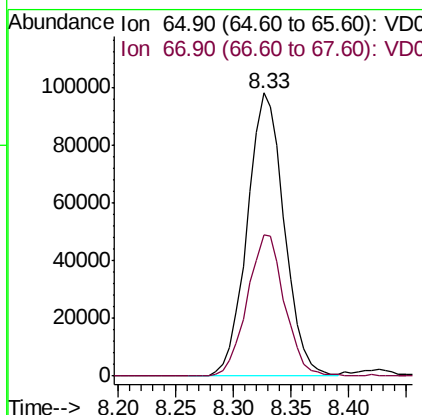
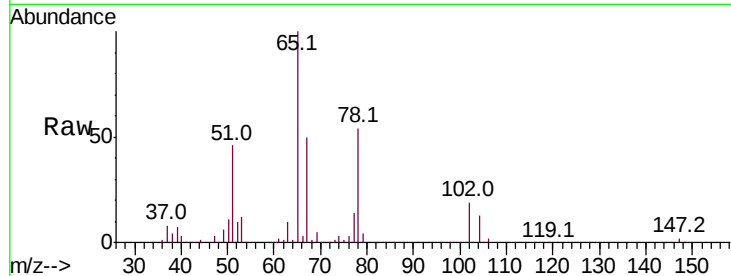




#33
 1,2-Dichloroethane-d4
 Concen: 57.950 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

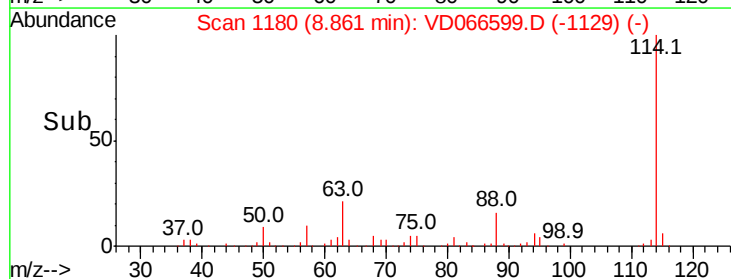
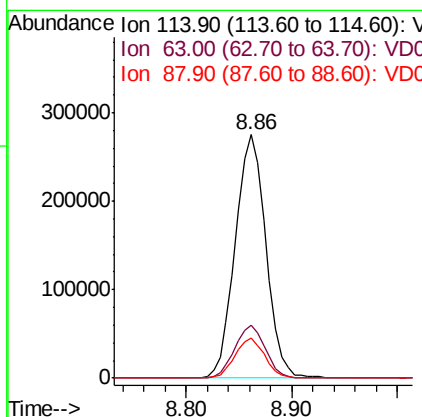
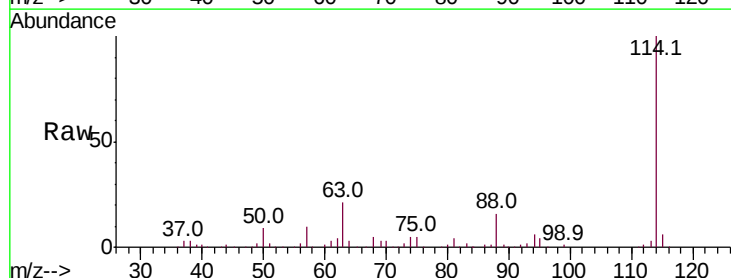
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

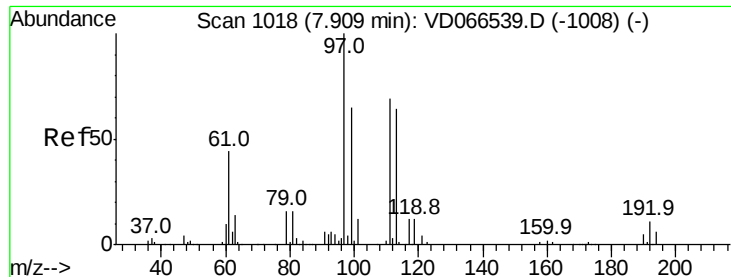
Tot Ion: 65 Resp: 218964
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 114 Resp: 553296
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 16.3 0.0 33.2

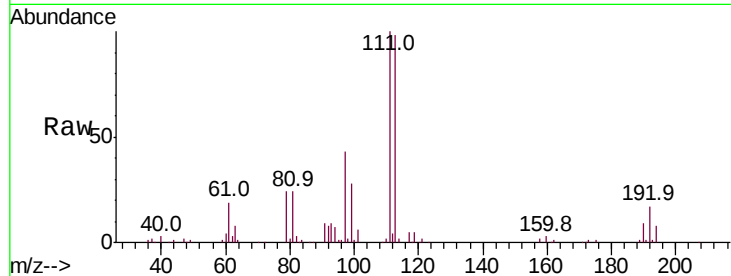




#35
 Dibromofluoromethane
 Concen: 53.160 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.2	124.8
192	17.1	13.7	20.5

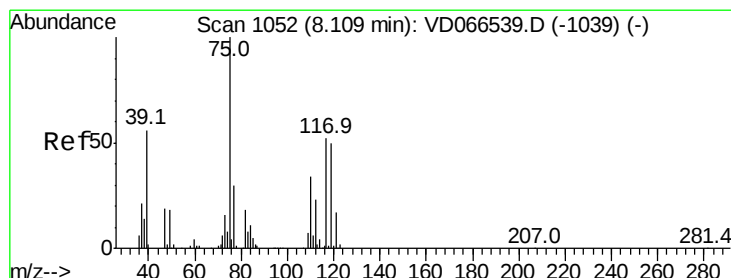
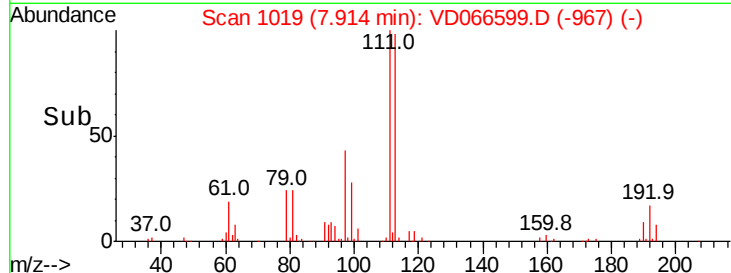
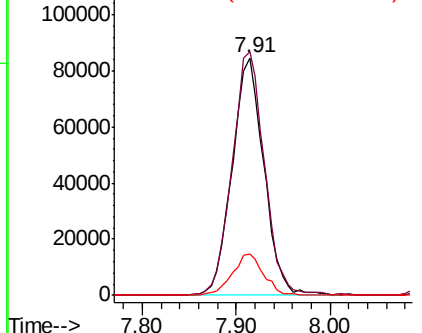


Abundance

Ion 112.80 (112.50 to 113.50): V

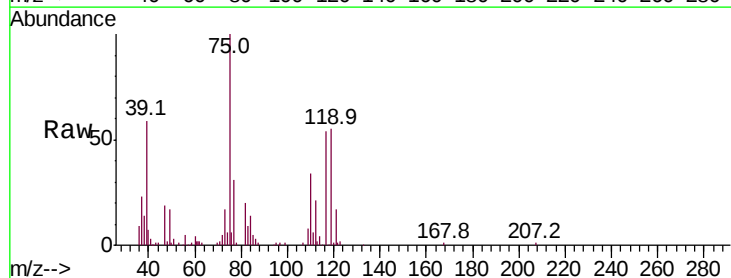
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.564 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	52.0
77	31.4	25.1	37.7

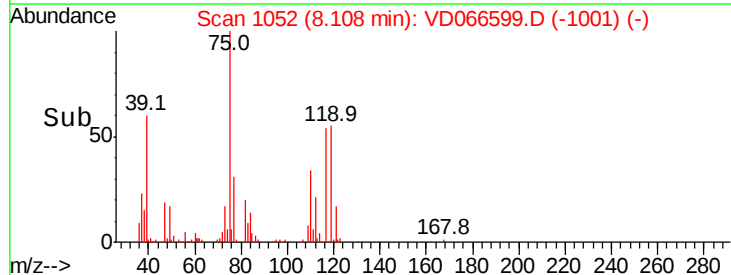
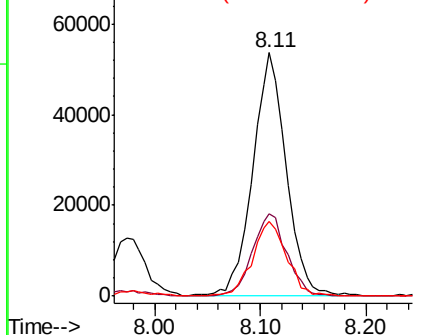


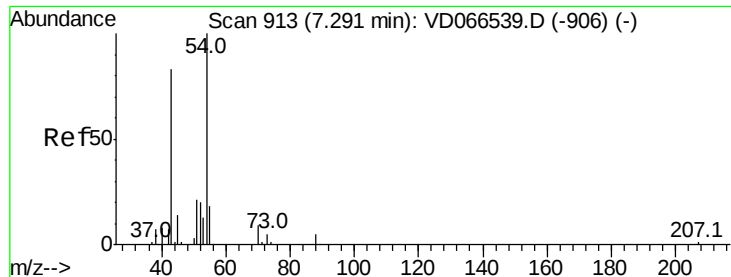
Abundance

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

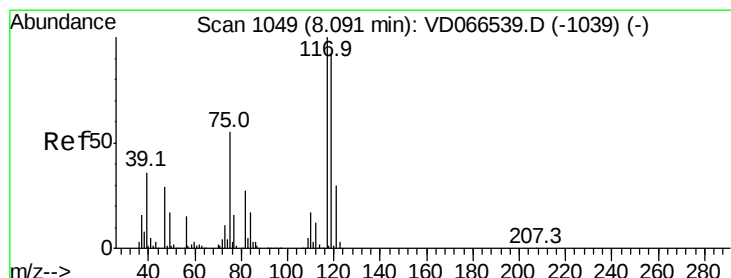
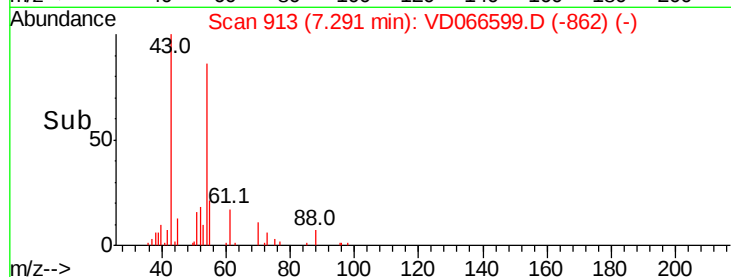
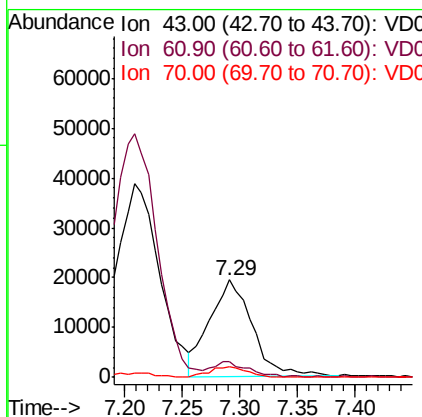
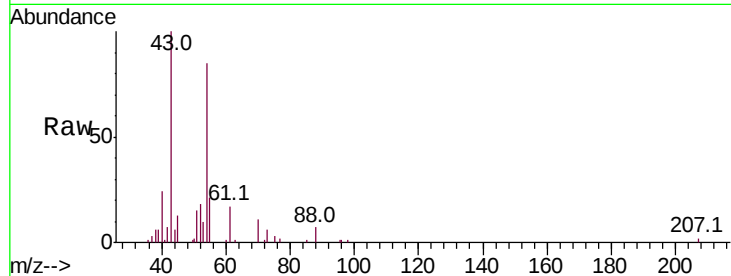




#37
Ethyl Acetate
Concen: 21.456 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

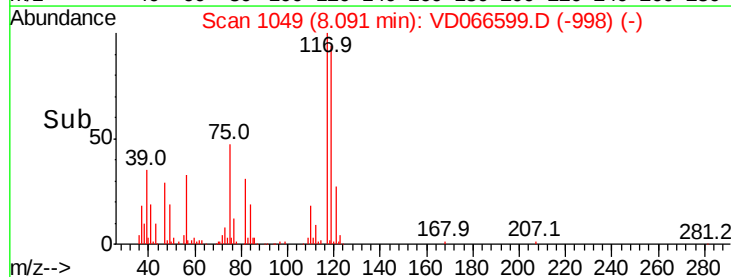
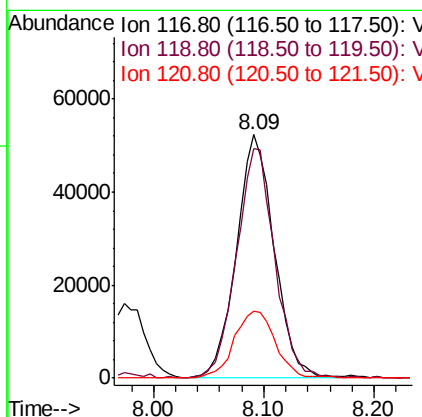
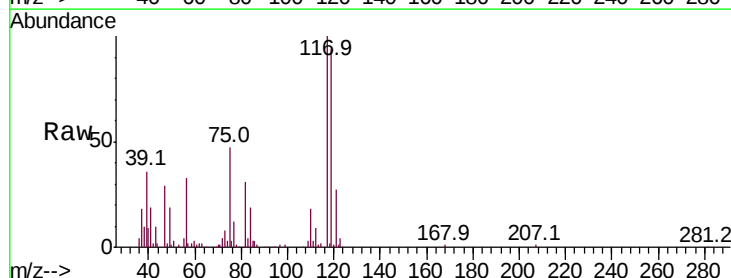
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

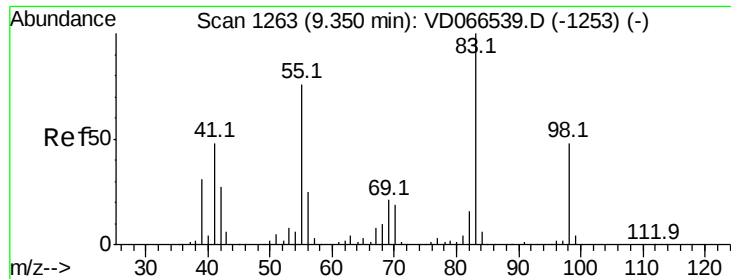
Tot Ion: 43 Resp: 49197
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.8
70 9.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.454 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 117 Resp: 124488
Ion Ratio Lower Upper
117 100
119 94.6 73.9 110.9
121 27.6 24.1 36.1

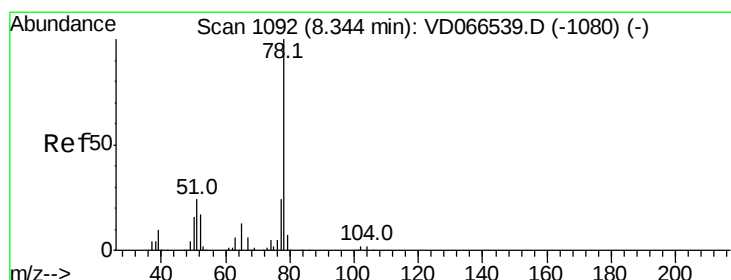
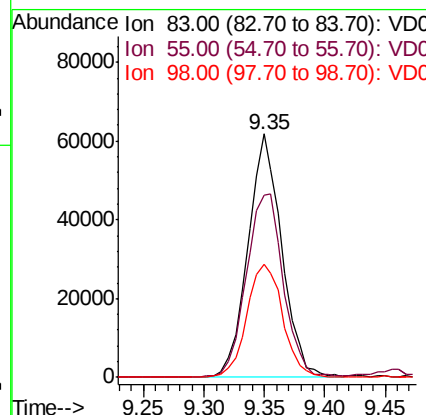
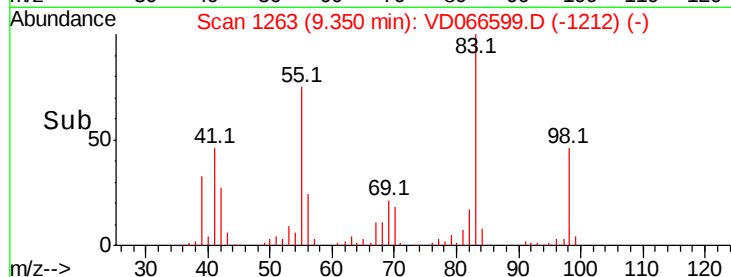
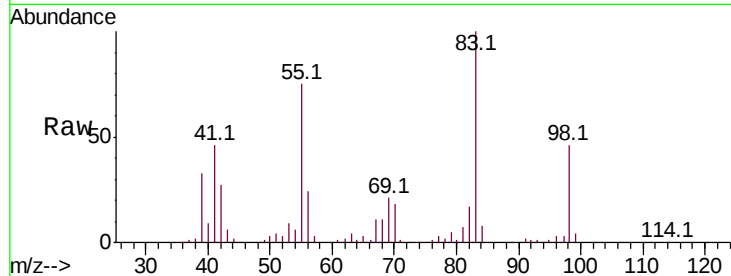




#39
Methvlcvclohexane
Concen: 18.745 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

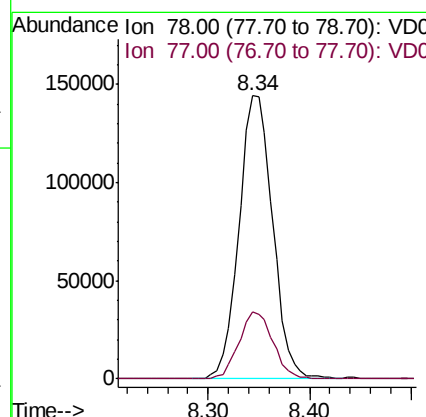
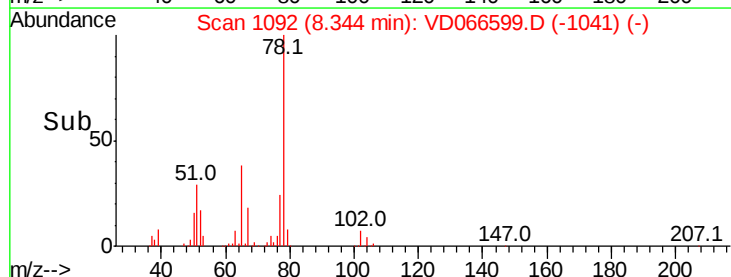
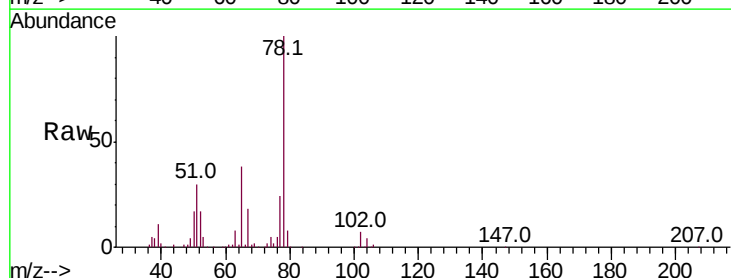
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

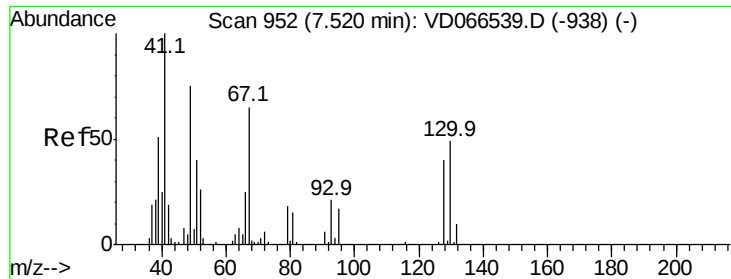
Tot Ion: 83 Resp: 120527
Ion Ratio Lower Upper
83 100
55 74.9 60.8 91.2
98 46.2 38.6 58.0



#40
Benzene
Concen: 21.069 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 78 Resp: 332270
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7

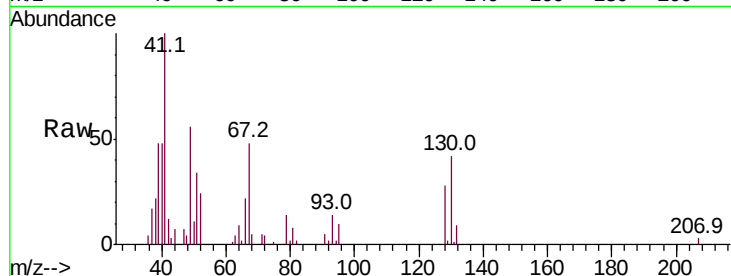




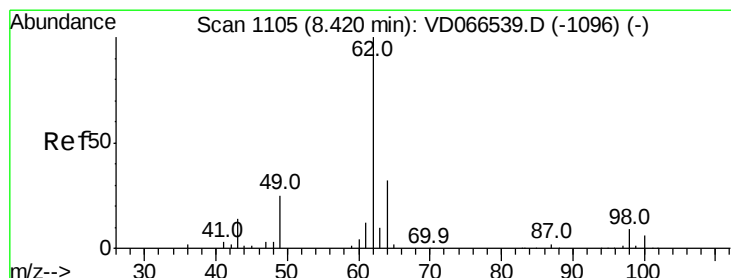
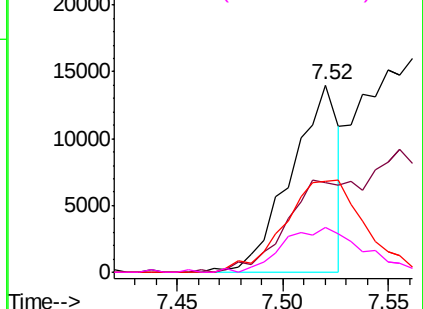
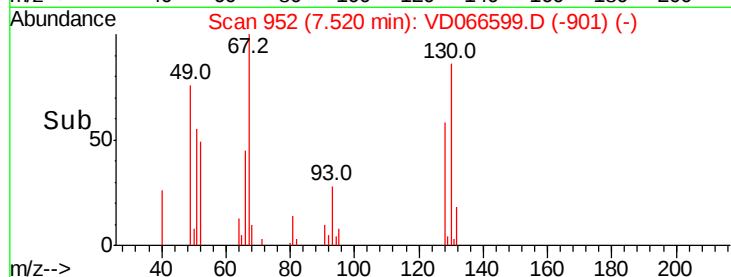
#41
Methacrylonitrile
Concen: 19.920 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

Tot Ion:	41	Resp:	22109
Ion	Ratio	Lower	Upper
41	100		
39	55.7	53.6	80.4
67	81.3	59.2	88.8
52	39.4	26.8	40.2

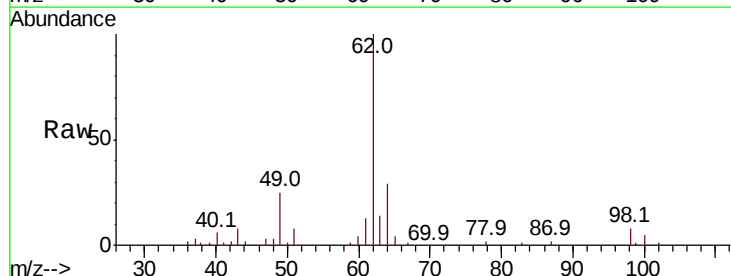


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

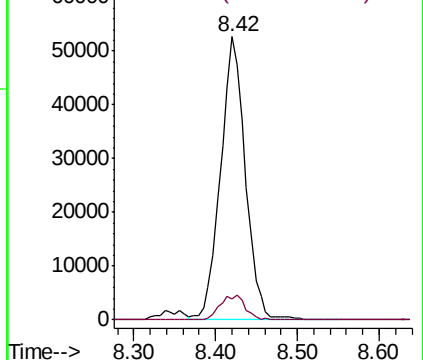
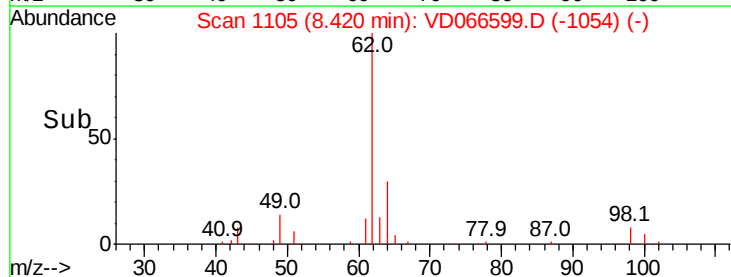


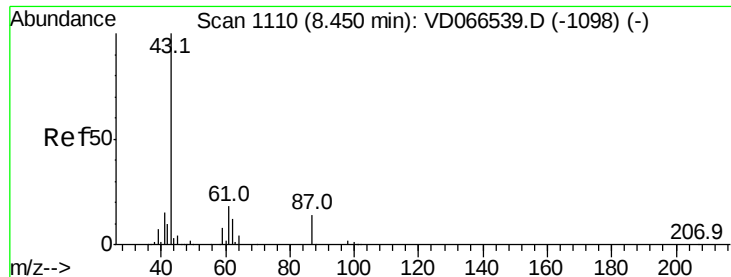
#42
1,2-Dichloroethane
Concen: 21.806 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:	62	Resp:	111421
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 20.587 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBS02

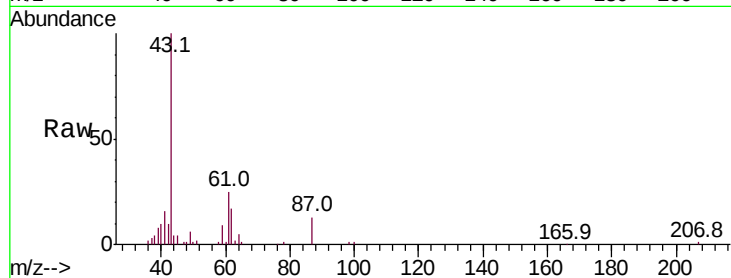
Tot Ion: 43 Resp: 90459

Ion Ratio Lower Upper

43 100

61 32.1 23.8 35.8

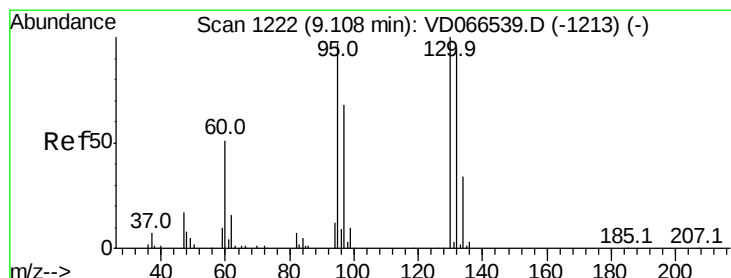
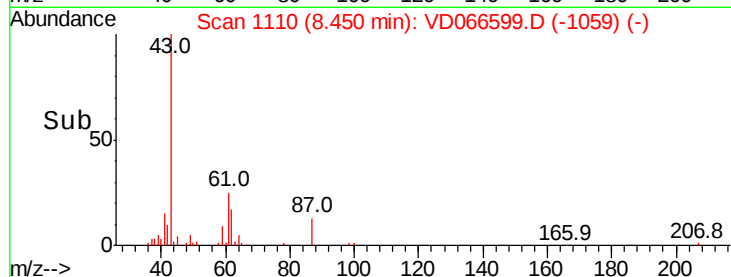
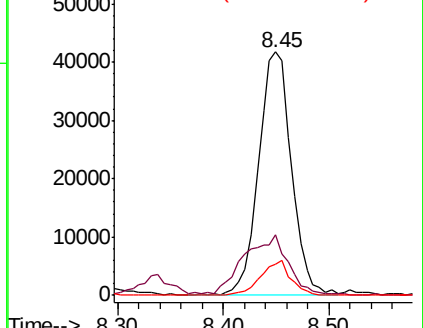
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.729 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066599.D

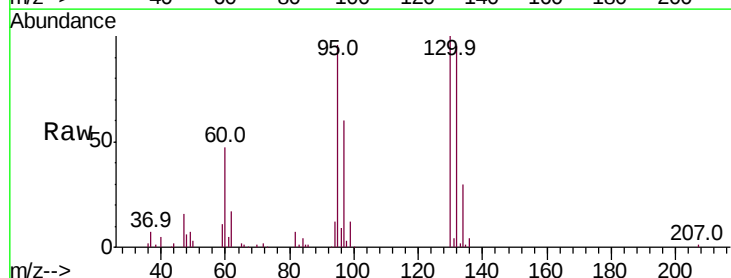
Acq: 10 Sep 2020 00:21

Tgt Ion:130 Resp: 85751

Ion Ratio Lower Upper

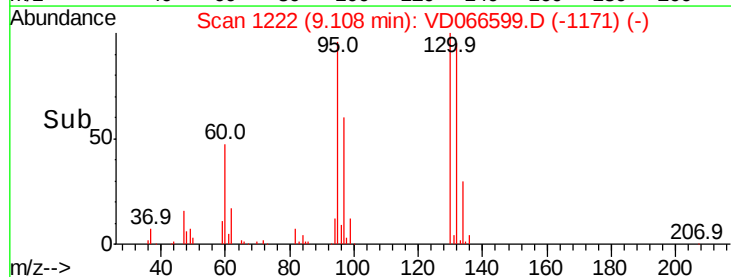
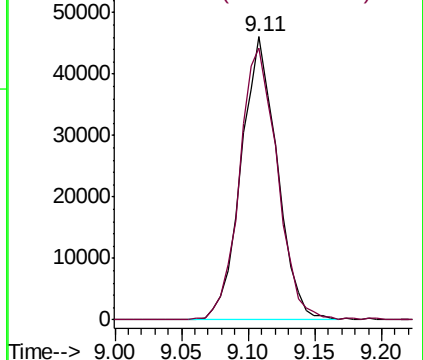
130 100

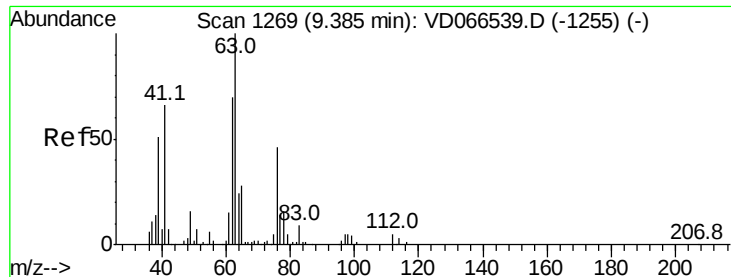
95 96.1 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.670 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

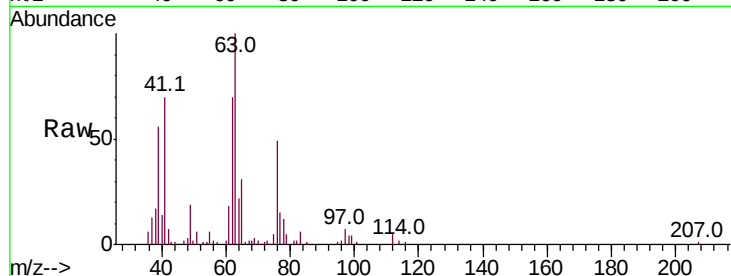
VD0909SBSD02

Tot Ion: 63 Resp: 85940

Ion Ratio Lower Upper

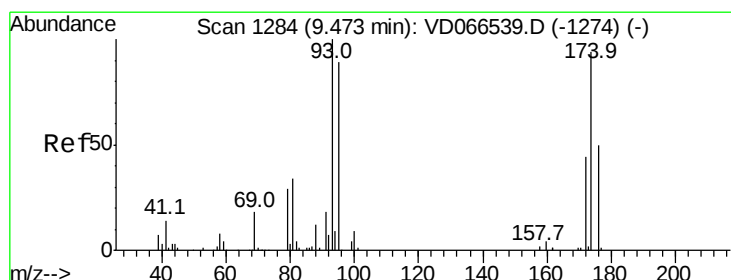
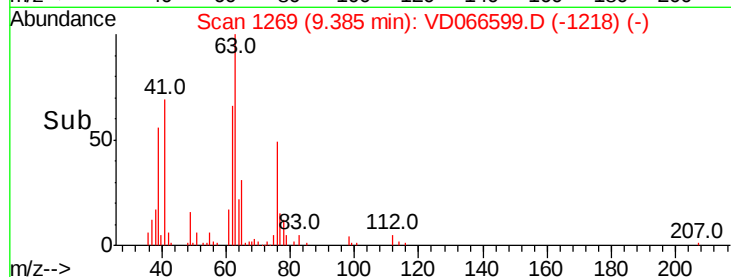
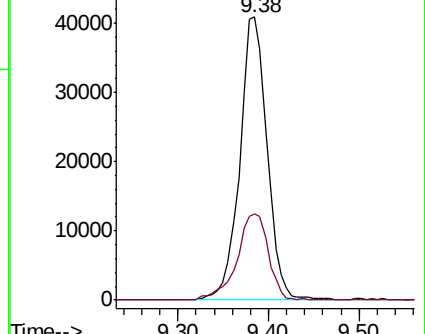
63 100

65 30.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.600 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

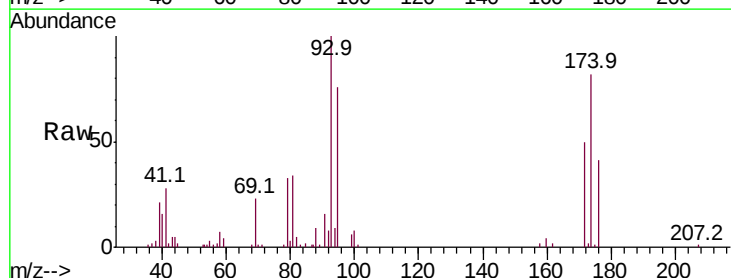
Tgt Ion: 93 Resp: 47262

Ion Ratio Lower Upper

93 100

95 81.1 68.7 103.1

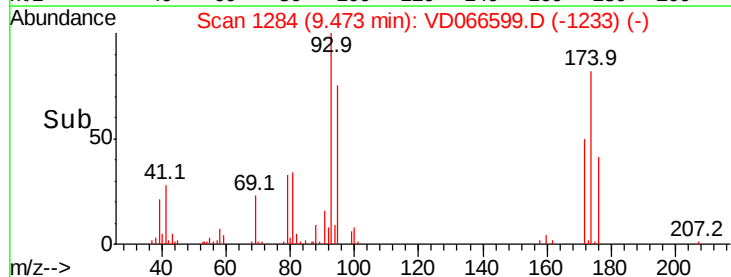
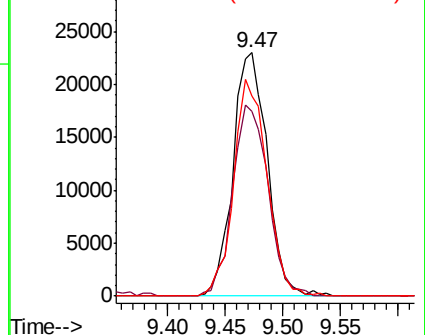
174 86.7 70.0 105.0

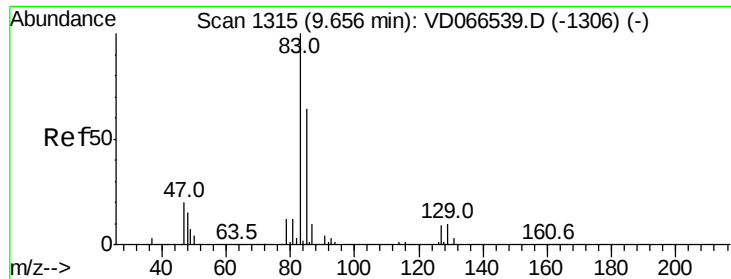


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.741 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

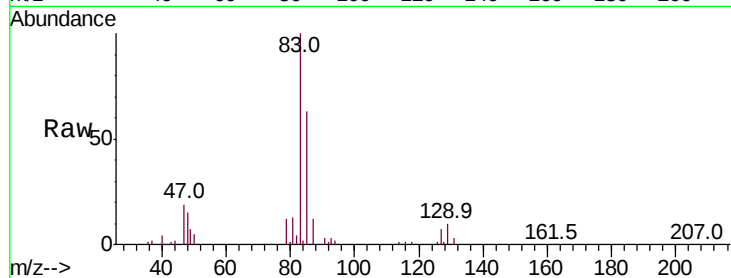
Tot Ion: 83 Resp: 122782

Ion Ratio Lower Upper

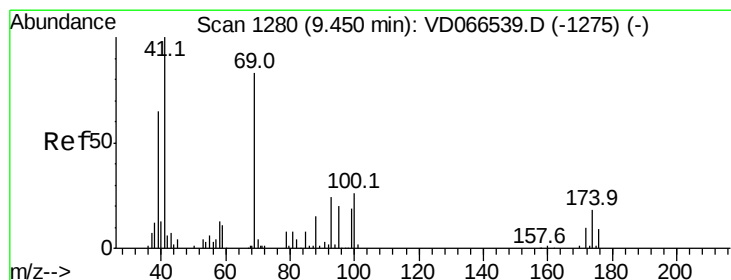
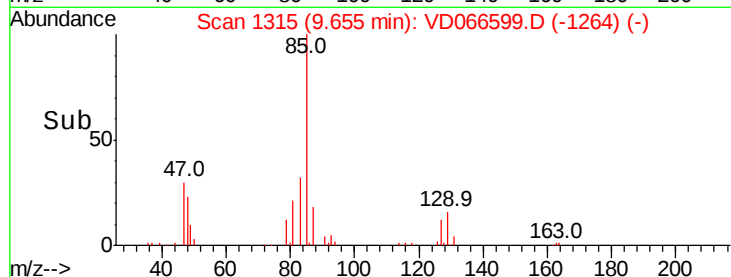
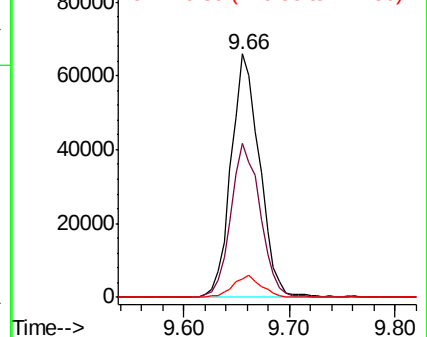
83 100

85 63.3 51.1 76.7

127 7.3 6.9 10.3



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



#48

Methyl methacrylate

Concen: 21.265 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

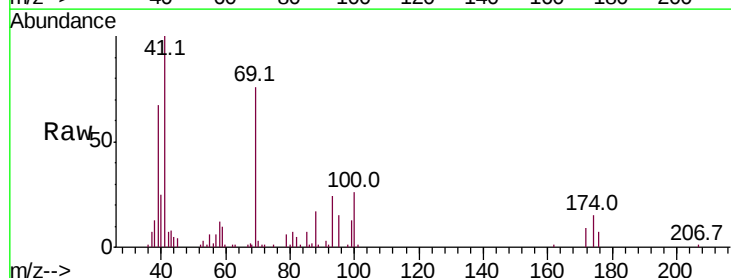
Tgt Ion: 41 Resp: 47247

Ion Ratio Lower Upper

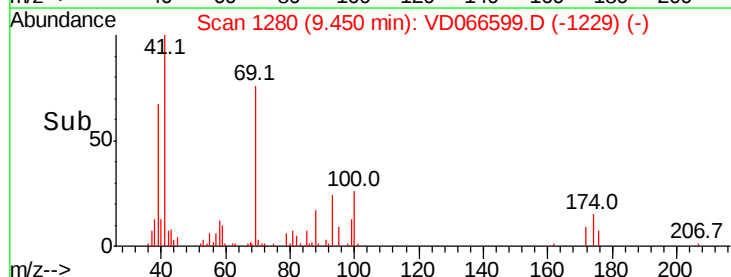
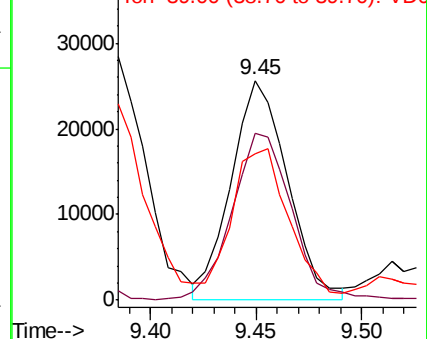
41 100

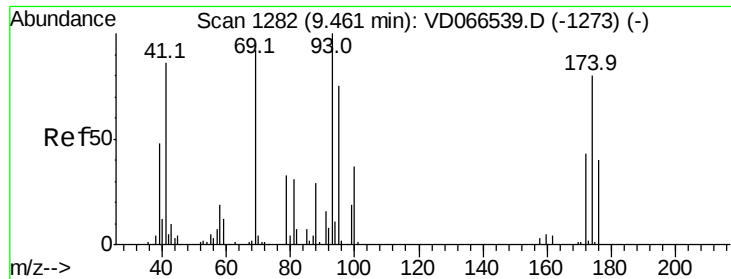
69 81.6 64.5 96.7

39 65.0 46.6 69.8



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





#49

1,4-Dioxane

Concen: 439.833 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

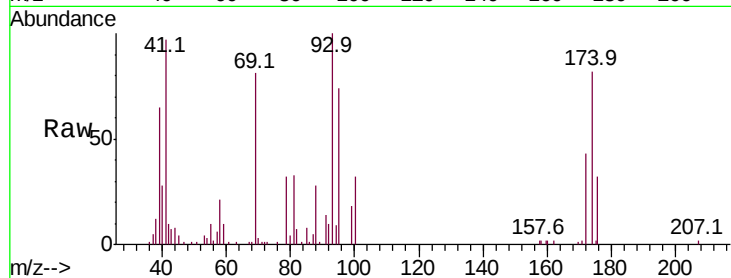
Tot Ion: 88 Resp: 10558

Ion Ratio Lower Upper

88 100

43 38.3 28.3 42.5

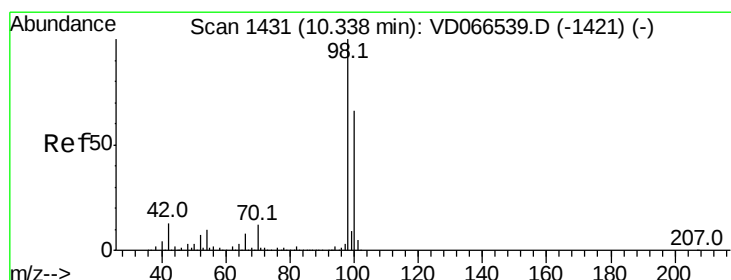
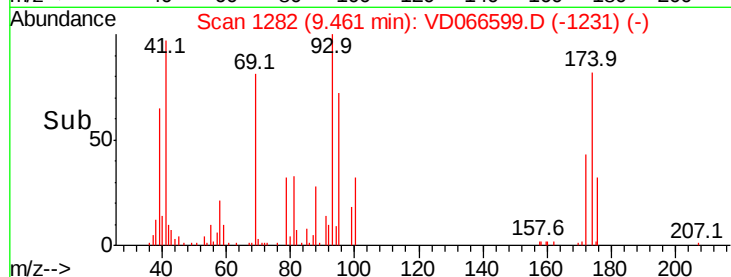
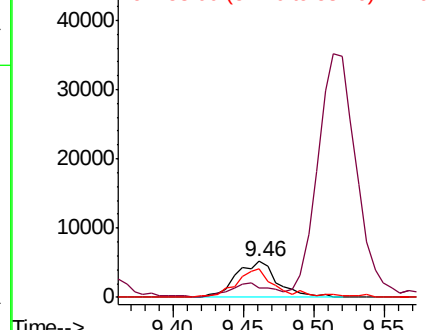
58 72.1 56.1 84.1



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 53.806 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066599.D

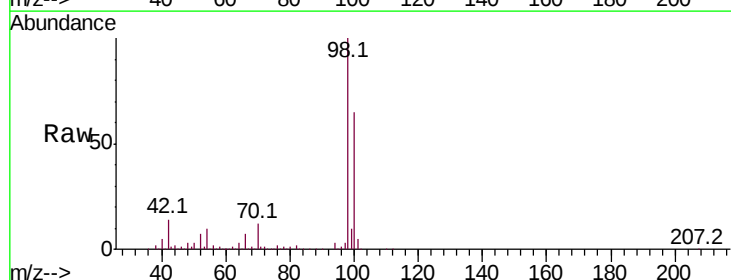
Acq: 10 Sep 2020 00:21

Tgt Ion: 98 Resp: 717812

Ion Ratio Lower Upper

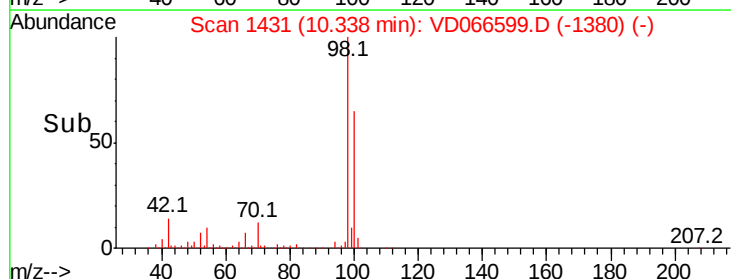
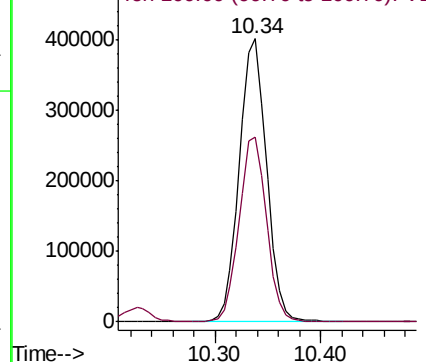
98 100

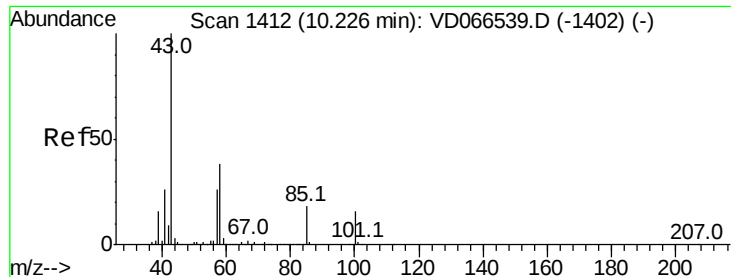
100 65.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 110.669 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

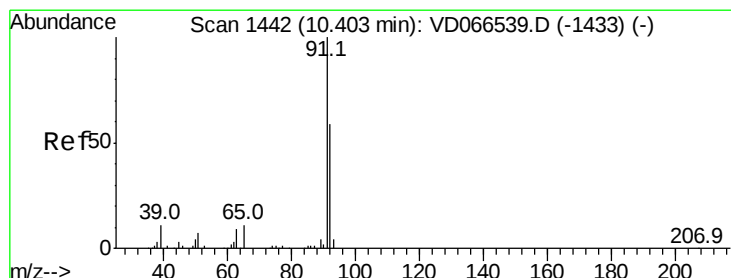
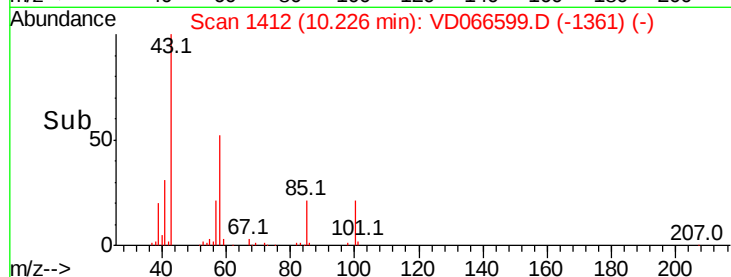
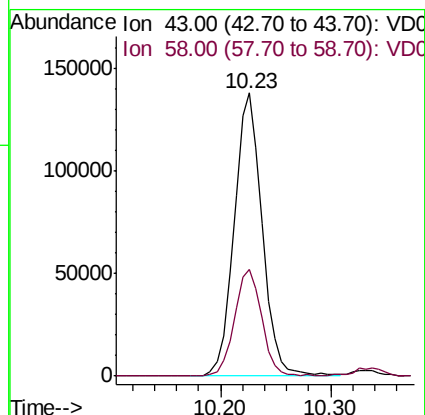
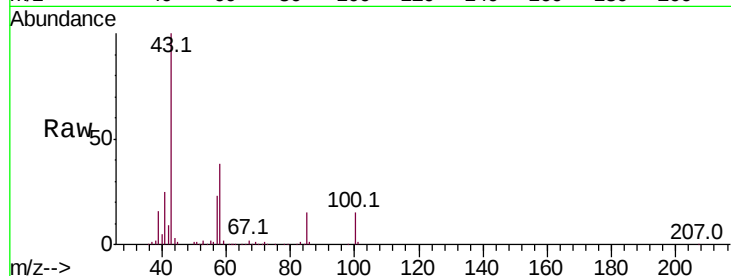
VD0909SBSD02

Tot Ion: 43 Resp: 245246

Ion Ratio Lower Upper

43 100

58 36.8 30.5 45.7



#52

Toluene

Concen: 21.464 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066599.D

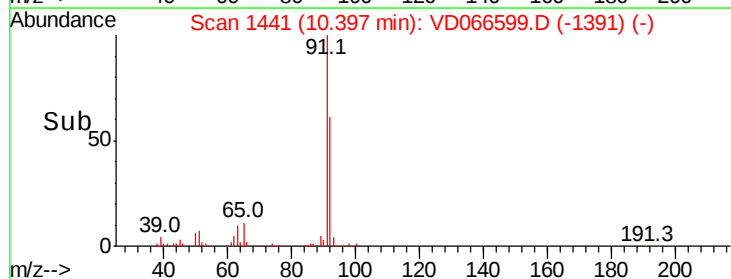
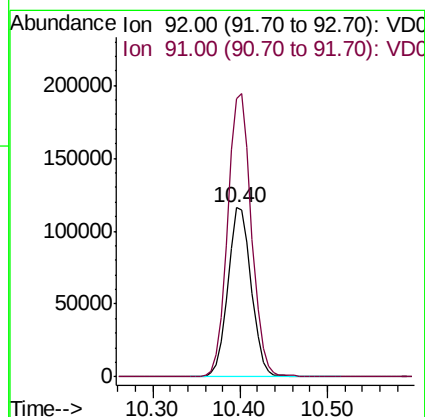
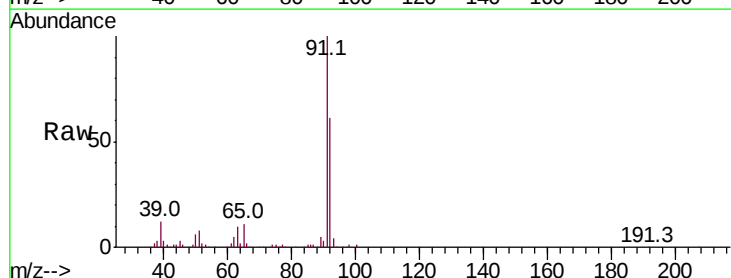
Acq: 10 Sep 2020 00:21

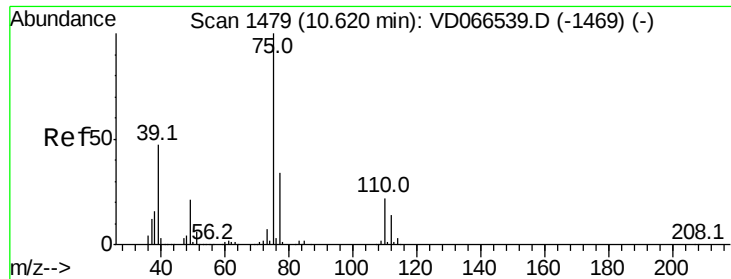
Tgt Ion: 92 Resp: 214264

Ion Ratio Lower Upper

92 100

91 169.3 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.902 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

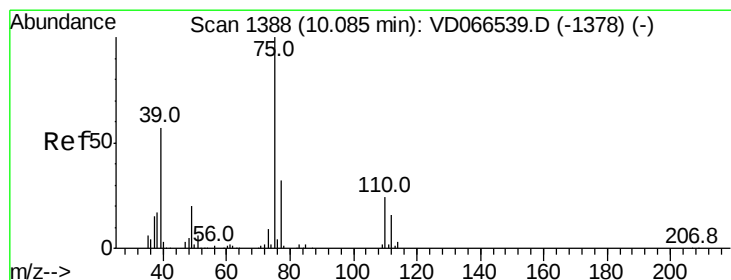
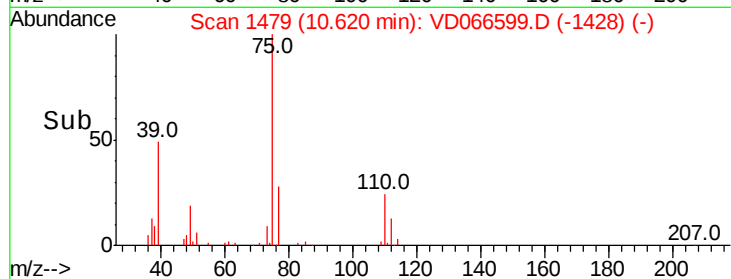
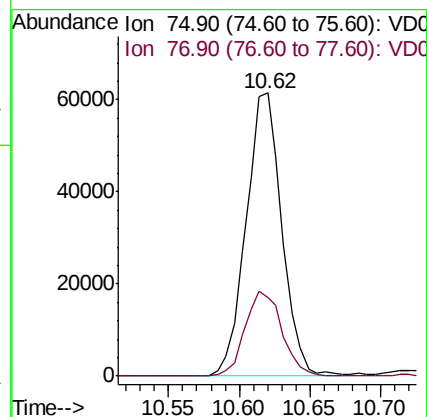
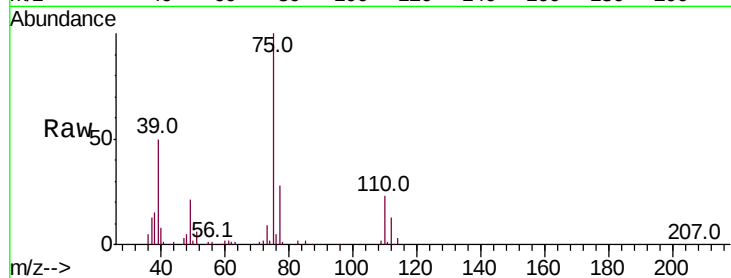
VD0909SBSD02

Tot Ion: 75 Resp: 109228

Ion Ratio Lower Upper

75 100

77 27.8 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 21.266 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

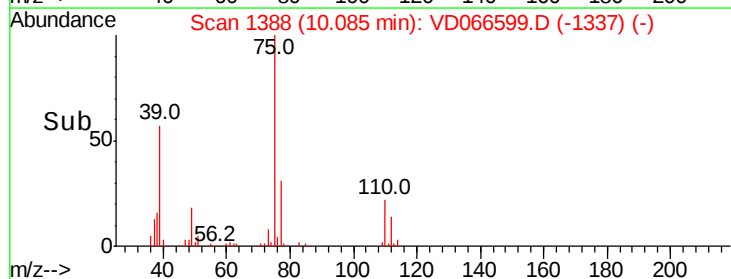
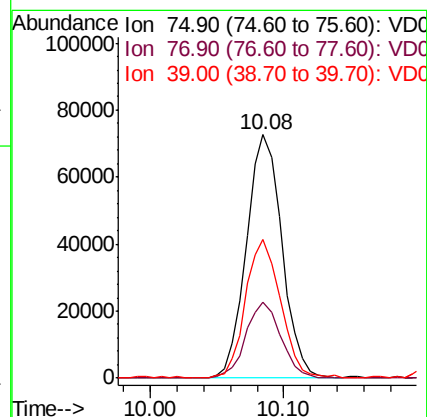
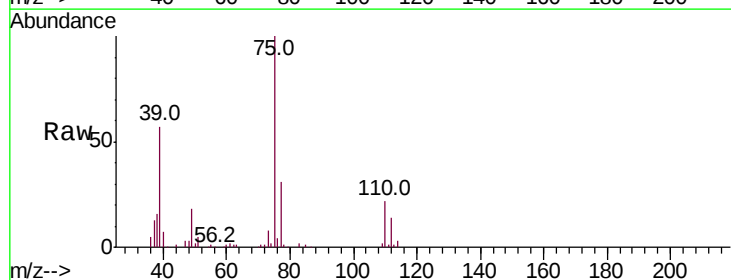
Tgt Ion: 75 Resp: 133455

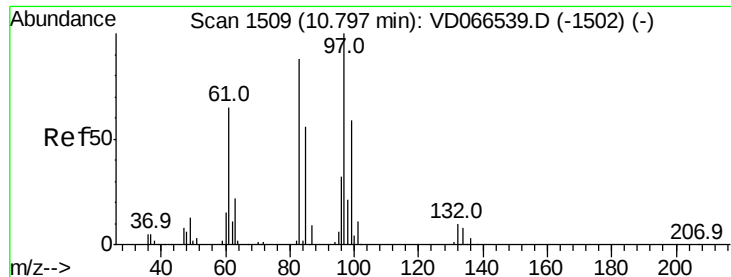
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 56.5 45.4 68.0



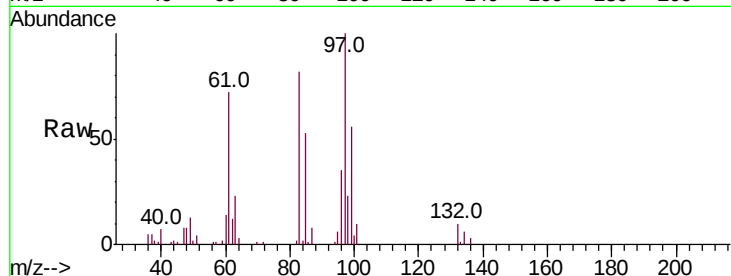


#55
 1,1,2-Trichloroethane
 Concen: 21.770 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

Tot Ion: 97 Resp: 61244

Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.1	105.1
85	52.9	44.5	66.7
99	56.3	47.1	70.7



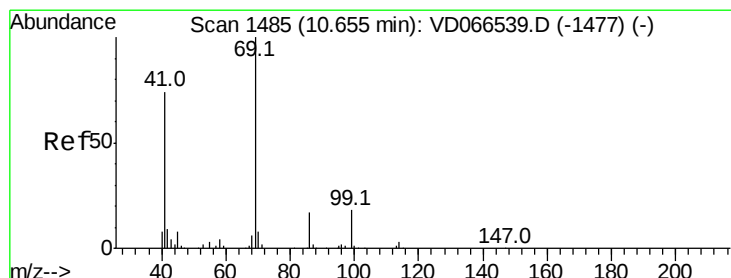
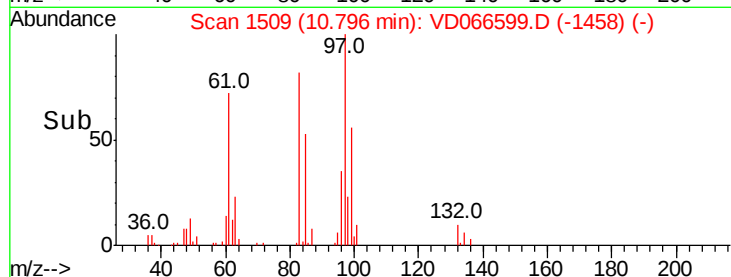
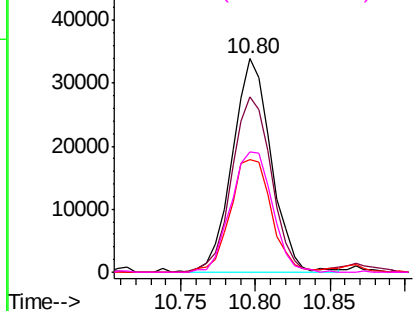
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

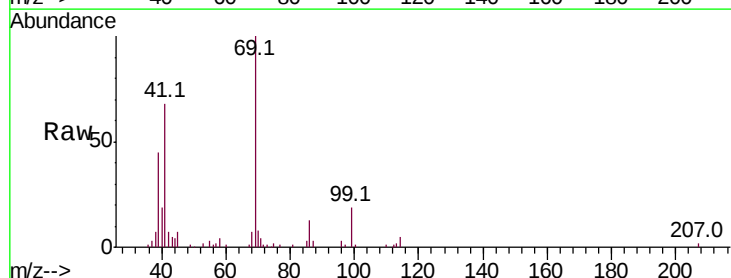
Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 21.192 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 69 Resp: 69416

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.8	85.2
39	45.0	30.6	46.0

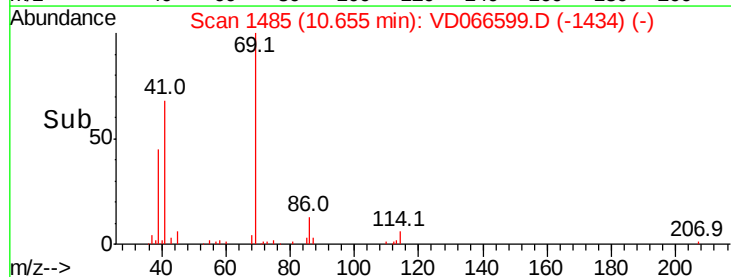
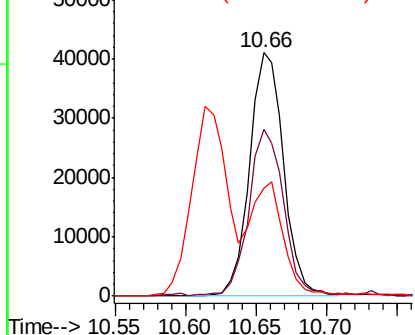


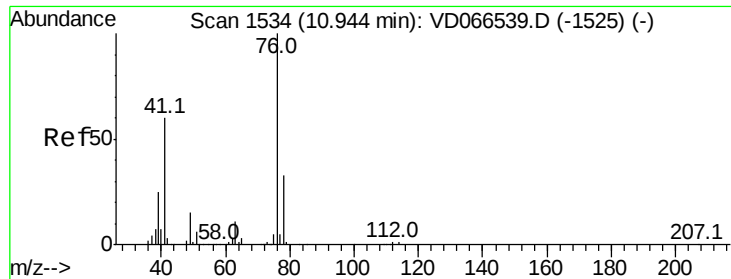
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.312 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

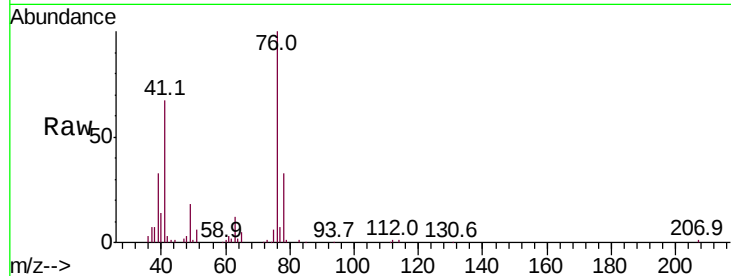
VD0909SBSD02

Tot Ion: 76 Resp: 105017

Ion Ratio Lower Upper

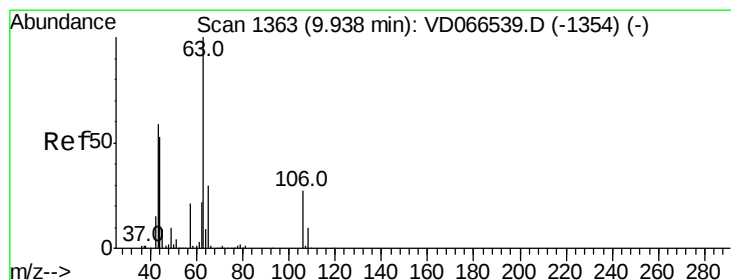
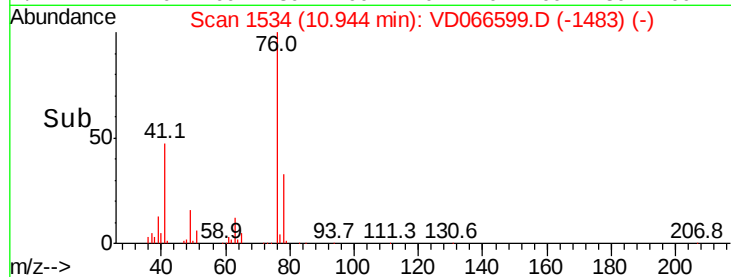
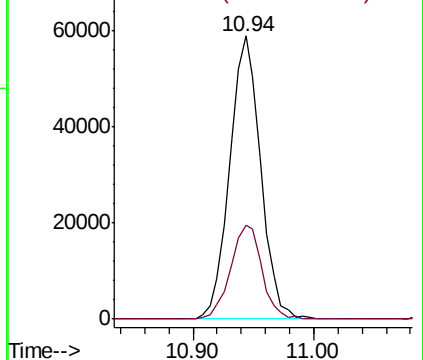
76 100

78 33.8 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 121.919 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066599.D

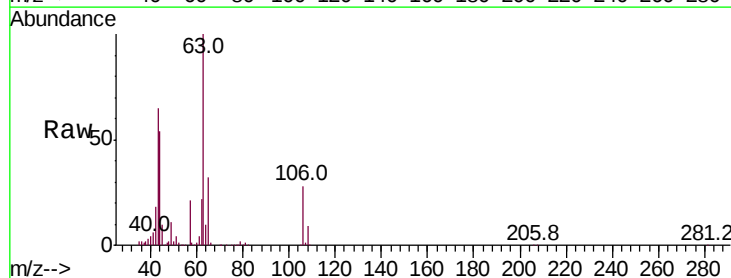
Acq: 10 Sep 2020 00:21

Tgt Ion: 63 Resp: 182665

Ion Ratio Lower Upper

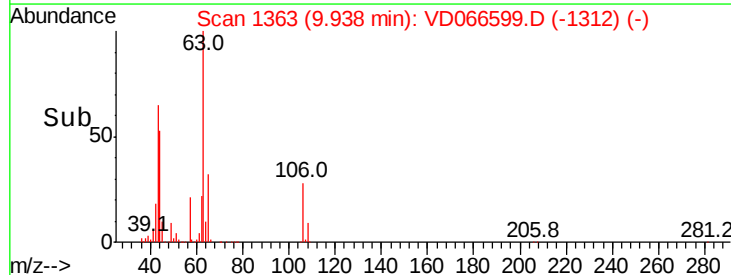
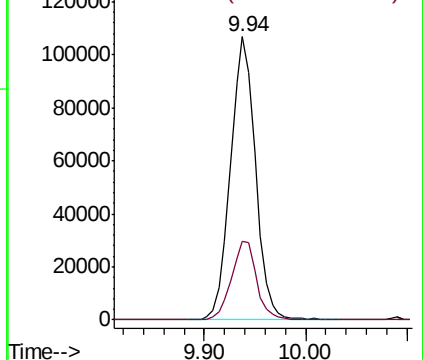
63 100

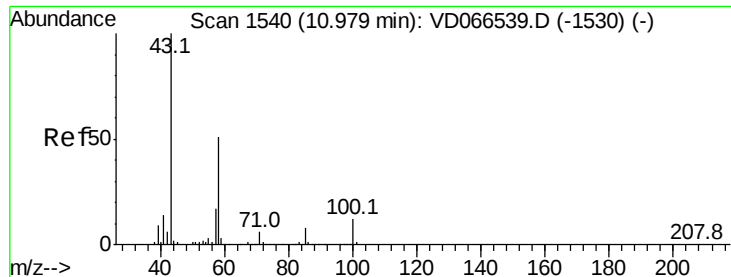
106 27.7 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

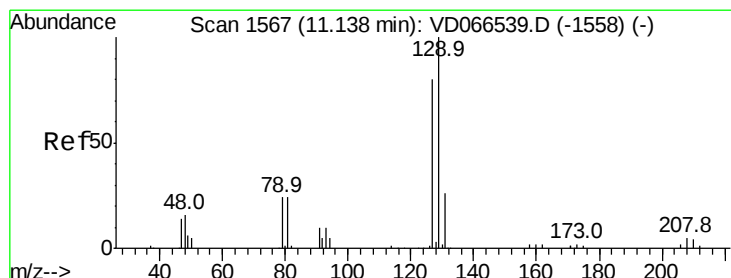
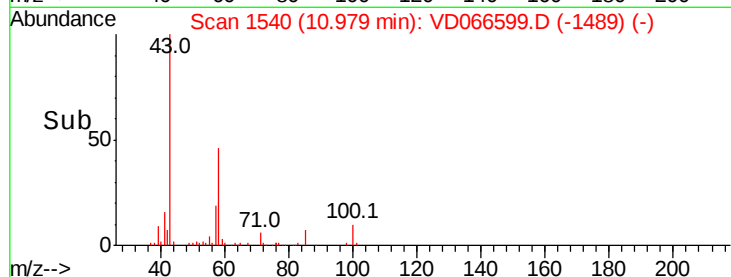
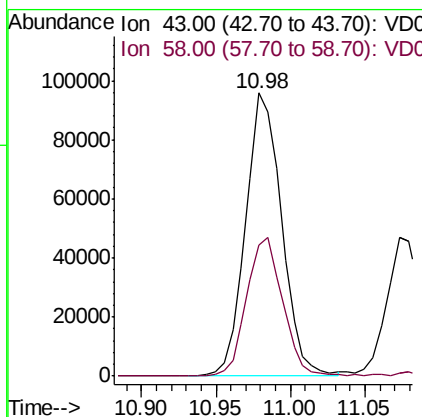
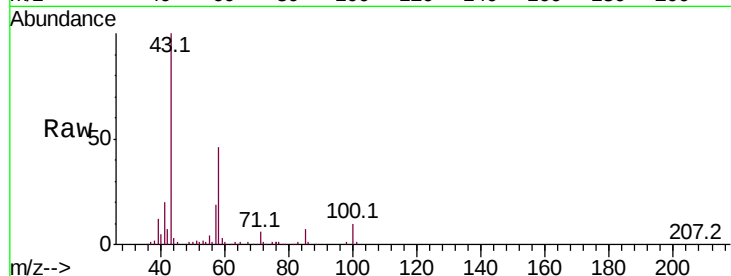




#59
2-Hexanone
Concen: 107.371 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

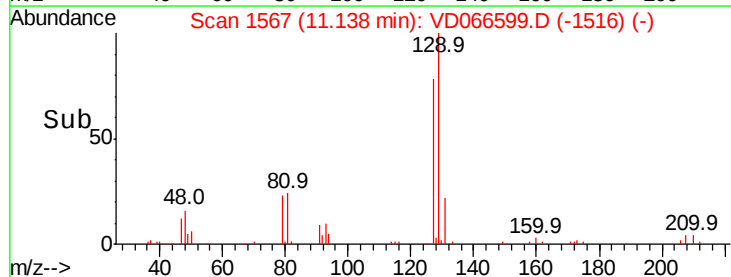
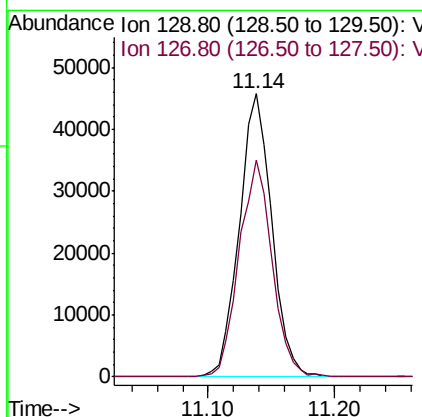
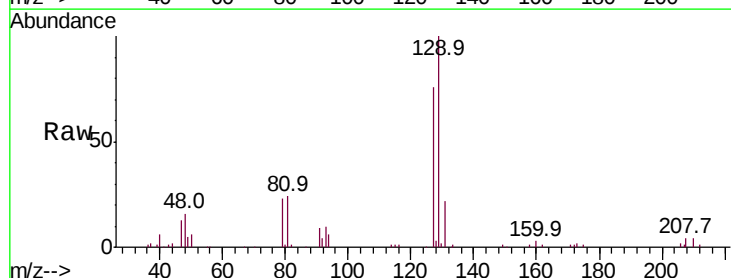
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

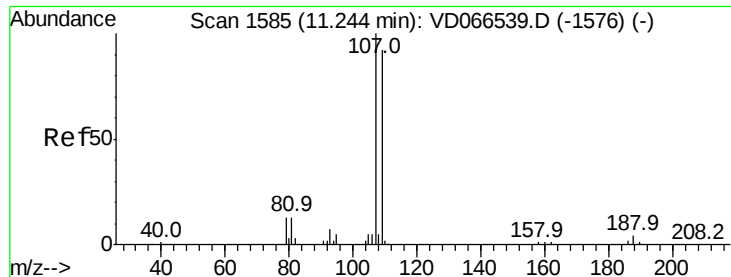
Tot Ion: 43 Resp: 160008
Ion Ratio Lower Upper
43 100
58 48.9 25.6 76.8



#60
Dibromochloromethane
Concen: 21.839 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 129 Resp: 81246
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

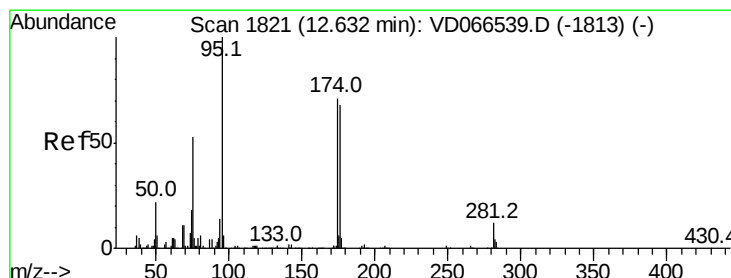
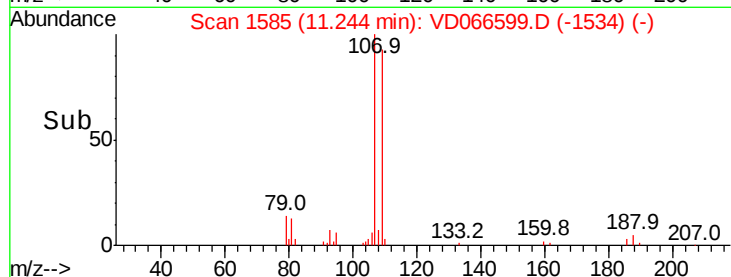
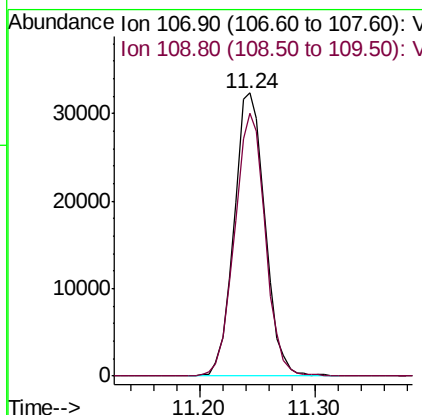
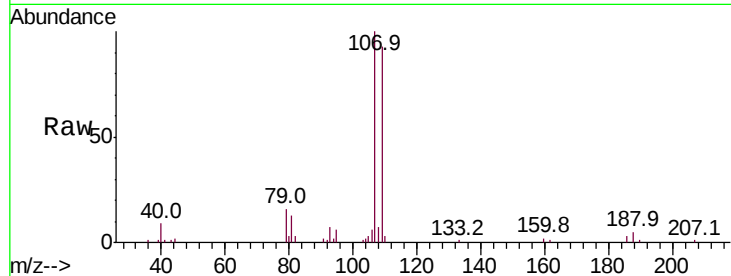




#61
 1,2-Dibromoethane
 Concen: 21.877 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

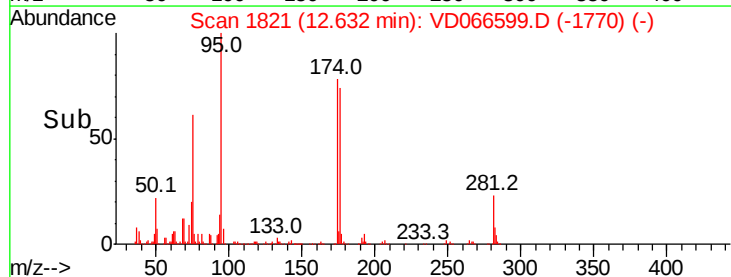
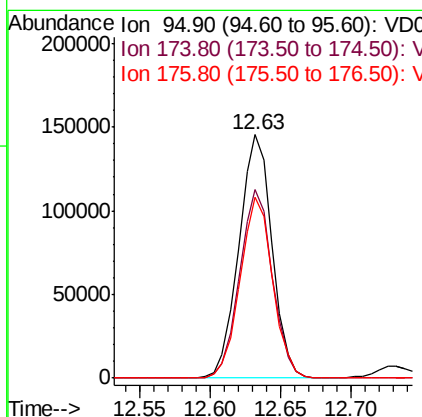
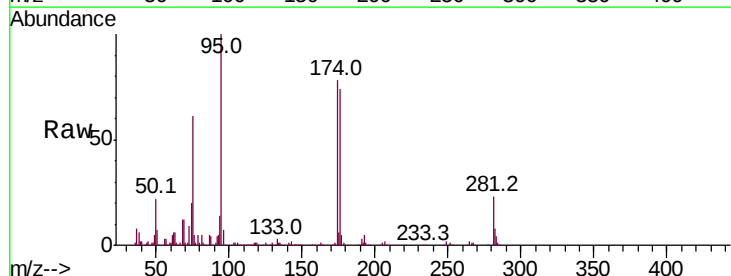
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

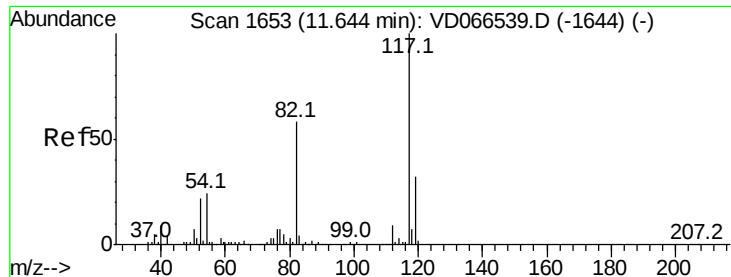
Tot Ion:107 Resp: 59878
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.799 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion: 95 Resp: 237988
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 155.8
 176 73.2 0.0 148.6

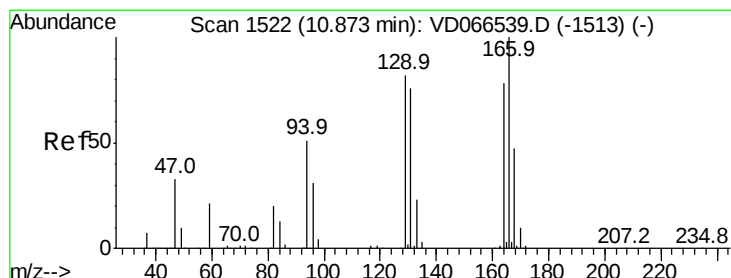
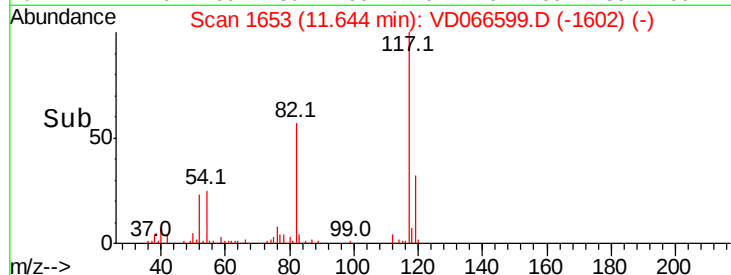
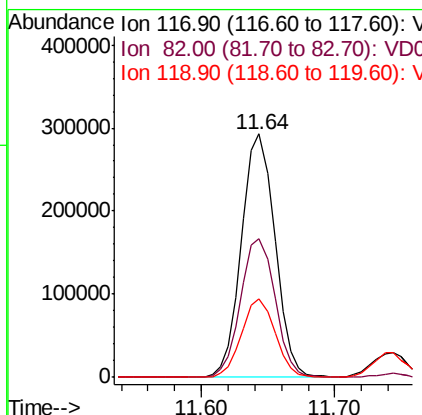
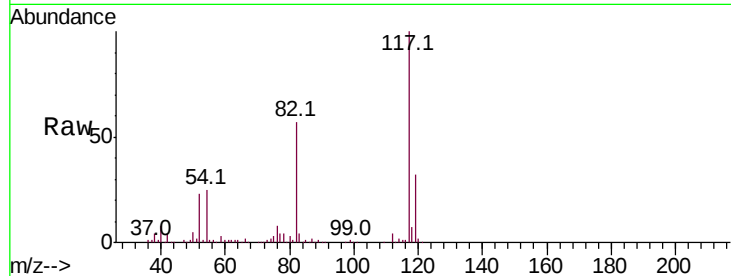




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

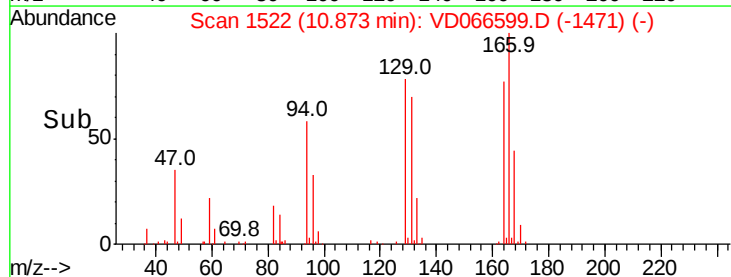
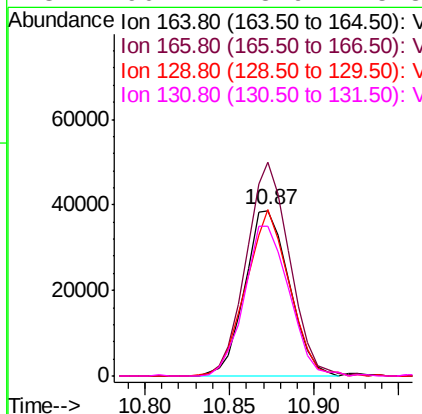
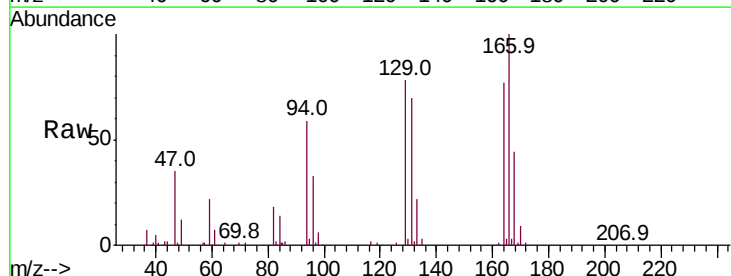
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

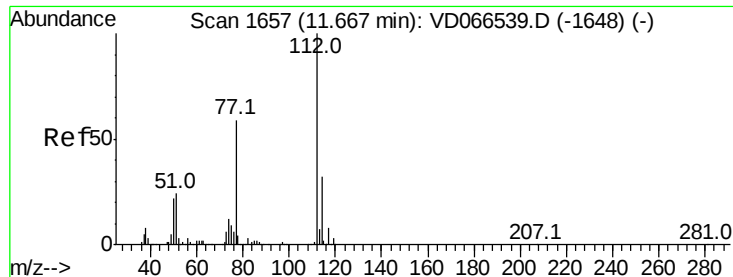
Tot Ion:117 Resp: 511033
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.2
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.542 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:164 Resp: 70682
Ion Ratio Lower Upper
164 100
166 129.3 103.2 154.8
129 100.8 84.5 126.7
131 90.7 78.9 118.3





#65

Chlorobenzene

Concen: 21.068 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

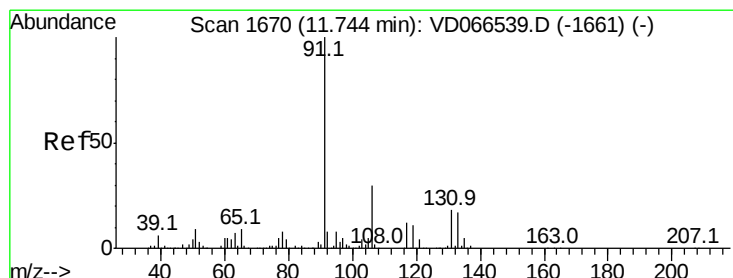
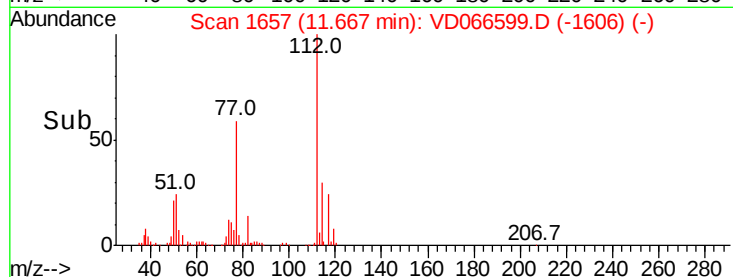
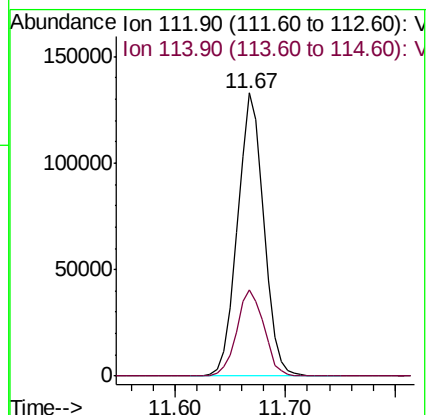
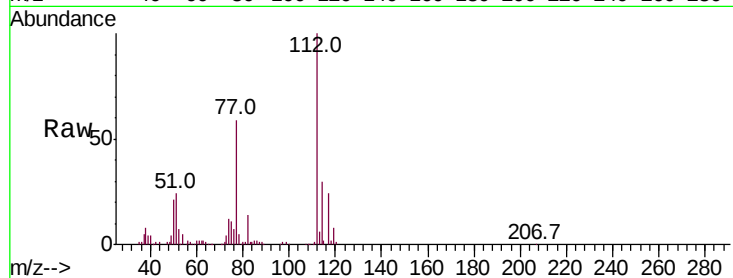
VD0909SBSD02

Tot Ion:112 Resp: 222212

Ion Ratio Lower Upper

112 100

114 30.3 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.146 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

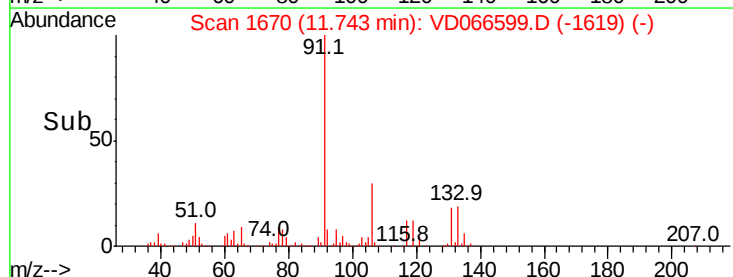
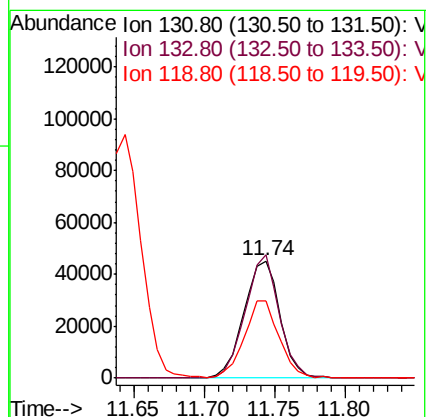
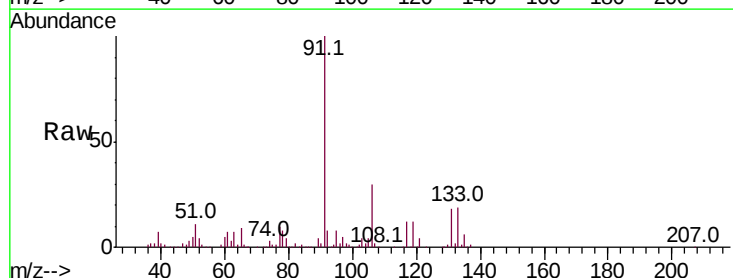
Tgt Ion:131 Resp: 81096

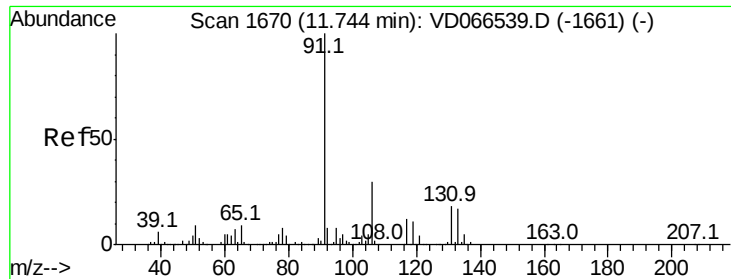
Ion Ratio Lower Upper

131 100

133 98.6 46.7 140.0

119 64.1 31.9 95.7

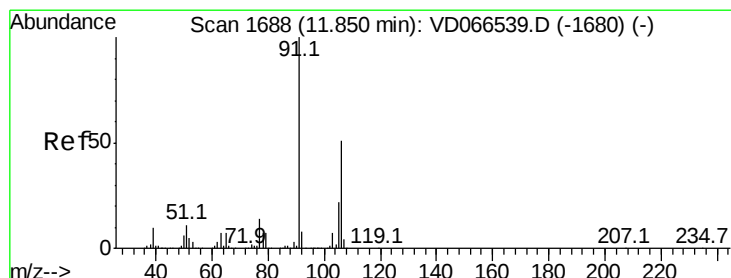
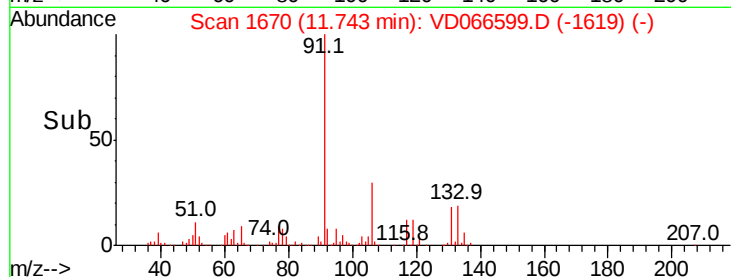
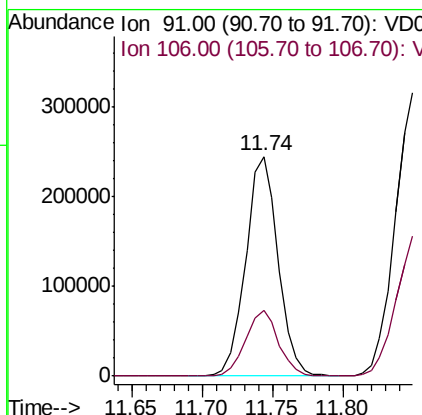
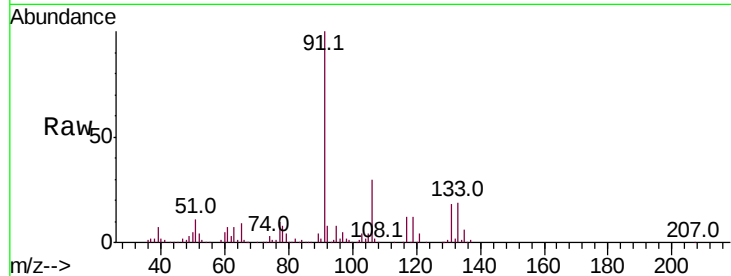




#67
Ethyl Benzene
Concen: 20.271 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

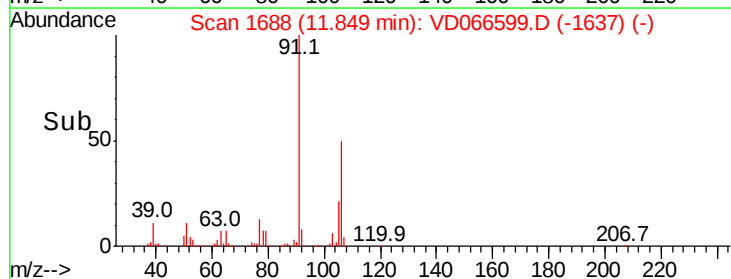
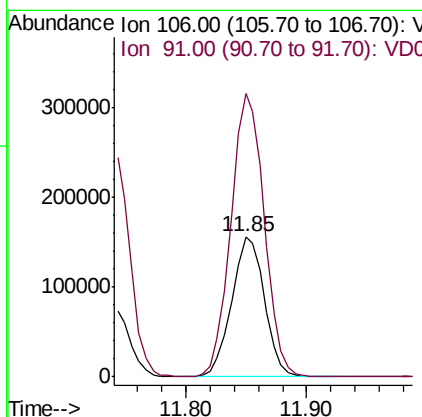
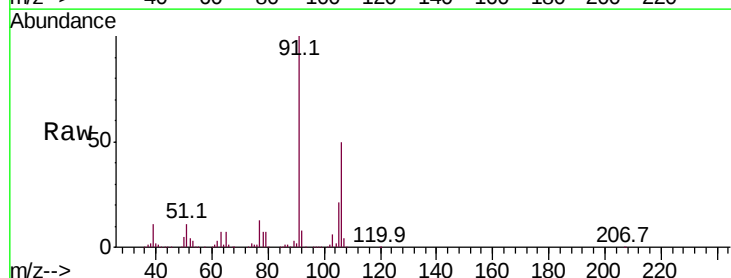
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

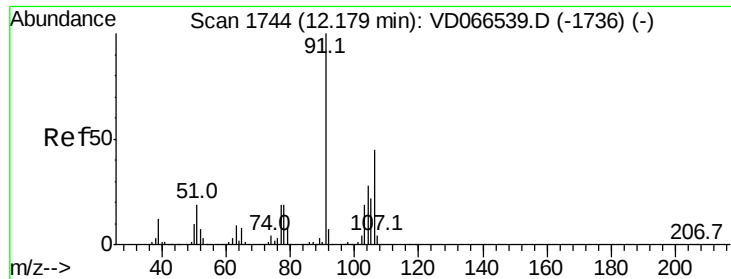
Tot Ion: 91 Resp: 392582
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5



#68
m/p-Xylenes
Concen: 41.077 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:106 Resp: 295382
Ion Ratio Lower Upper
106 100
91 205.2 162.4 243.6

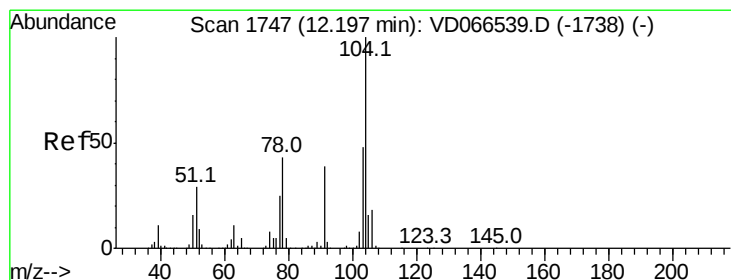
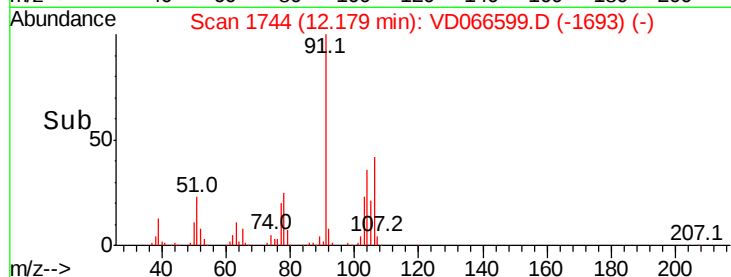
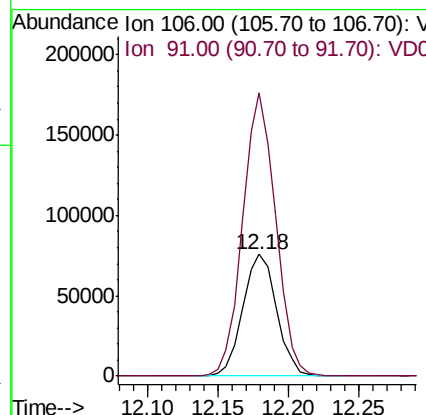
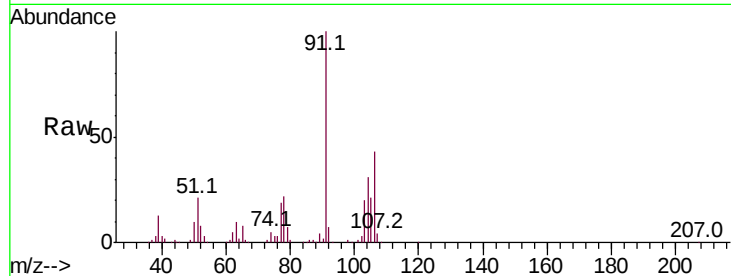




#69
o-Xylene
Concen: 19.760 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

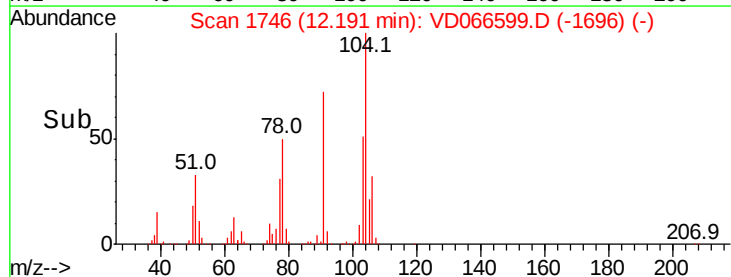
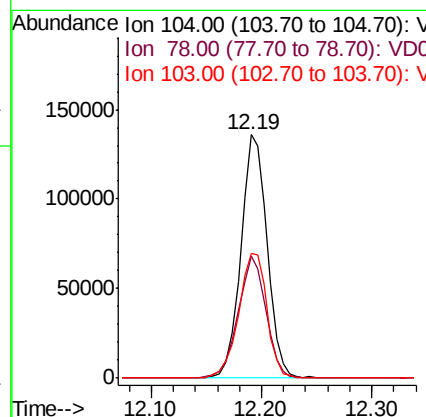
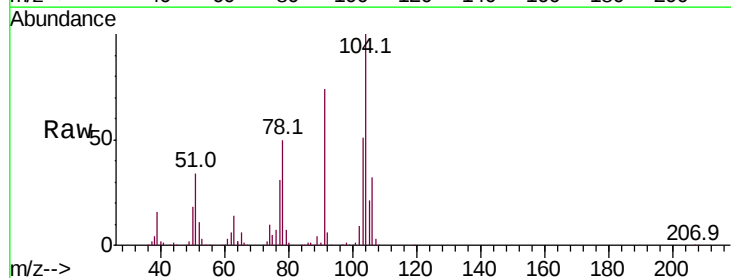
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

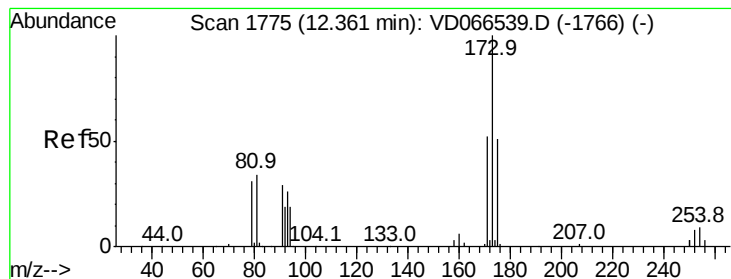
Tot Ion:106 Resp: 127343
Ion Ratio Lower Upper
106 100
91 226.5 107.9 323.8



#70
Styrene
Concen: 20.215 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:104 Resp: 226486
Ion Ratio Lower Upper
104 100
78 53.4 40.7 61.1
103 55.2 42.9 64.3





#71

Bromoform

Concen: 21.244 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

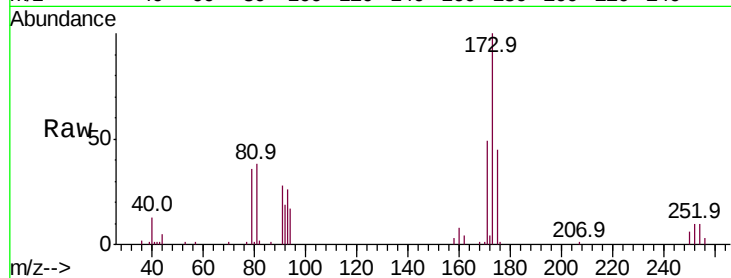
Tot Ion:173 Resp: 43098

Ion Ratio Lower Upper

173 100

175 45.5 24.2 72.6

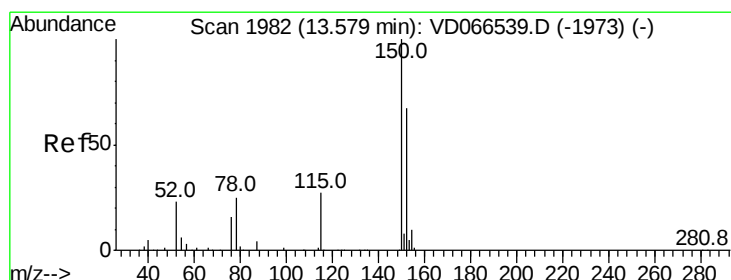
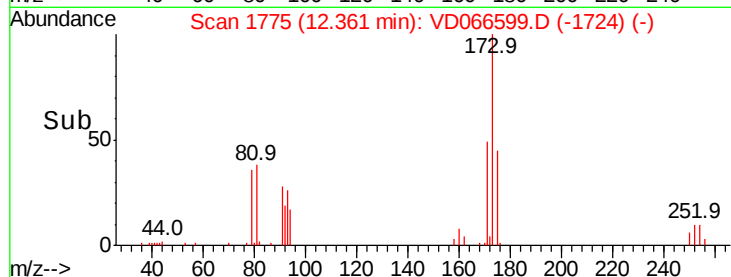
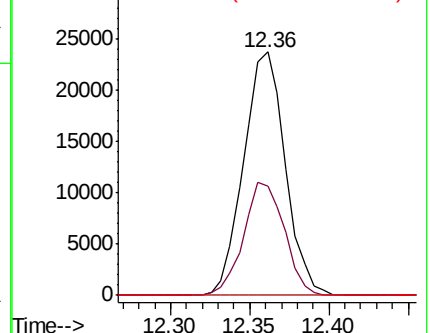
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

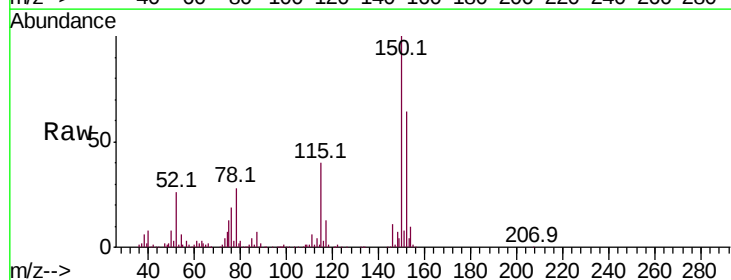
Tgt Ion:152 Resp: 235376

Ion Ratio Lower Upper

152 100

115 61.8 30.4 91.2

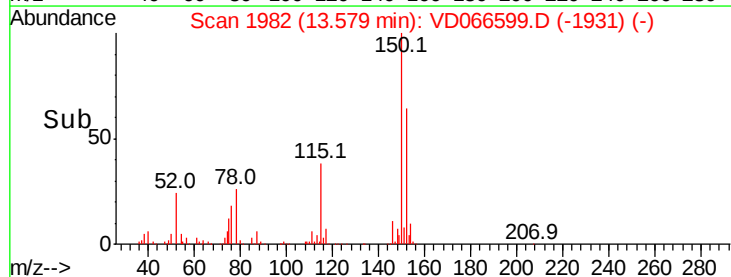
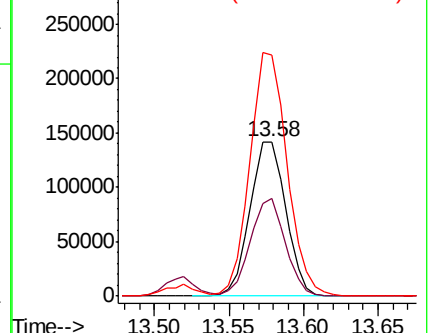
150 164.0 0.0 345.8

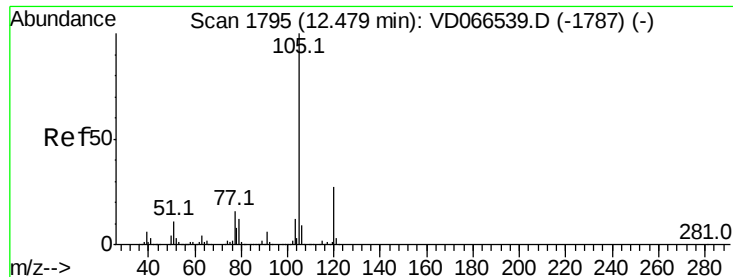


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.692 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

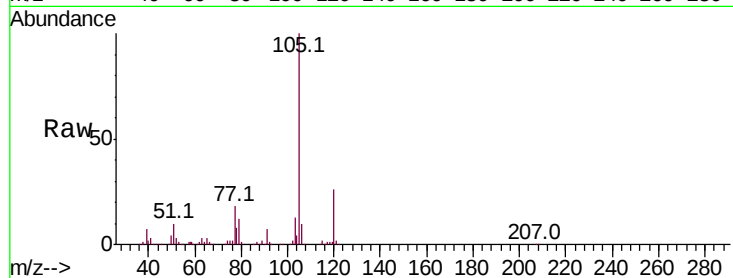
VD0909SBS02

Tot Ion:105 Resp: 360603

Ion Ratio Lower Upper

105 100

120 25.4 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000 12.48

200000

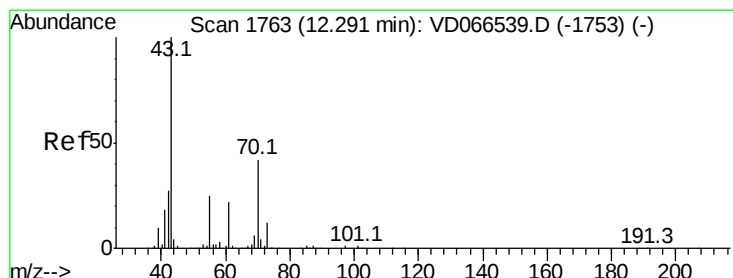
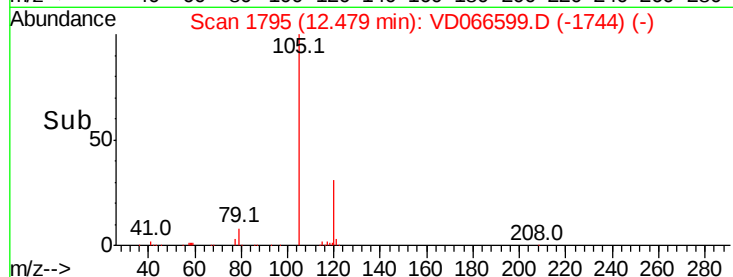
150000

100000

50000

0

Time--> 12.40 12.50



#74

N-ethyl acetate

Concen: 20.734 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Tgt Ion: 43 Resp: 81839

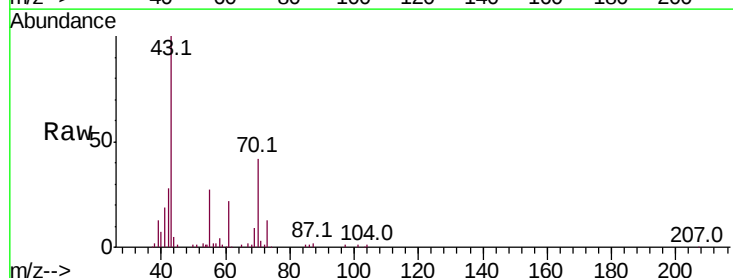
Ion Ratio Lower Upper

43 100

70 41.6 33.4 50.2

55 26.7 20.1 30.1

61 23.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000 12.29

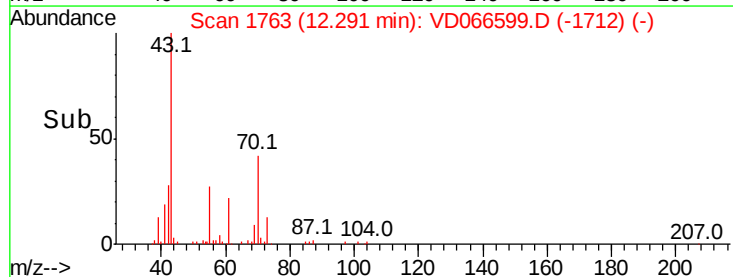
60000

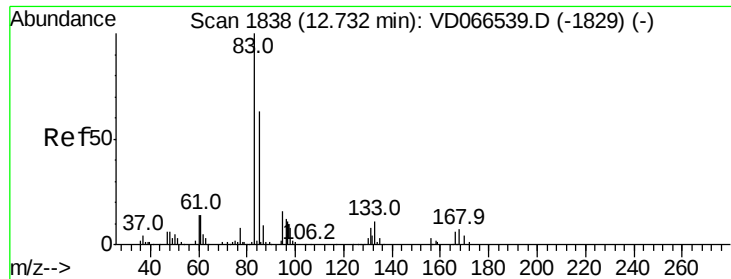
40000

20000

0

Time--> 12.20 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 21.086 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

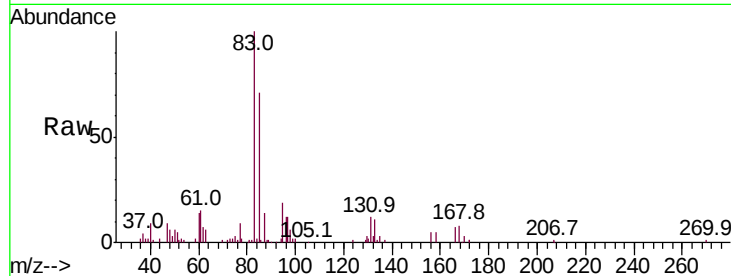
Tot Ion: 83 Resp: 64919

Ion Ratio Lower Upper

83 100

131 12.4 5.0 15.0

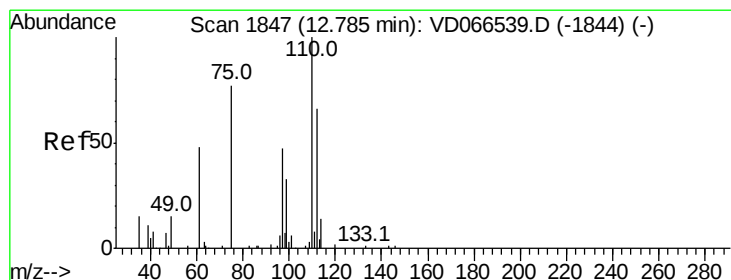
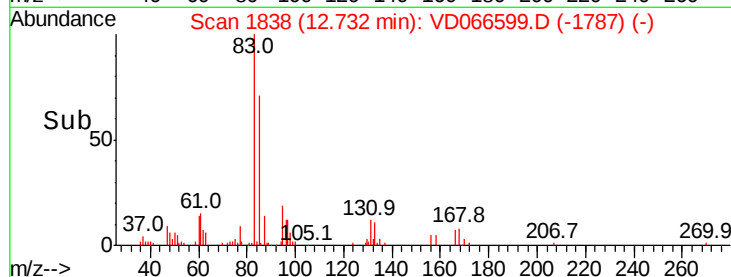
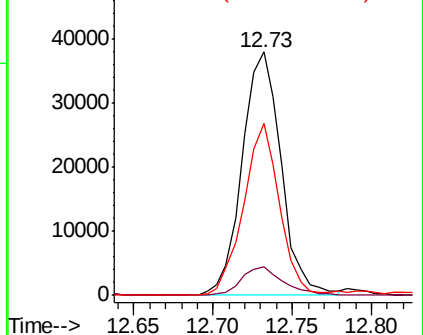
85 65.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.478 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066599.D

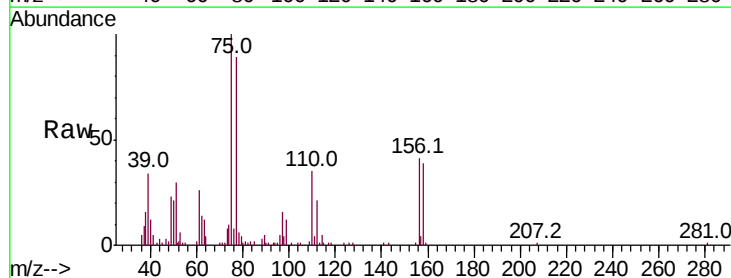
Acq: 10 Sep 2020 00:21

Tgt Ion: 75 Resp: 87102

Ion Ratio Lower Upper

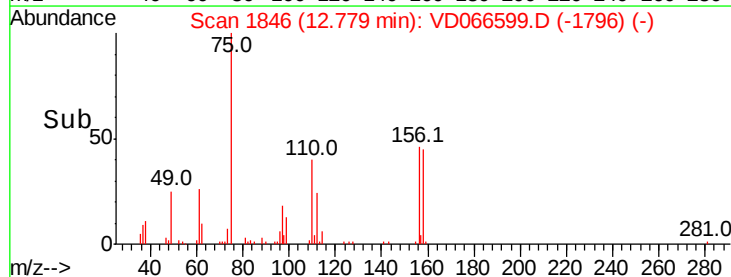
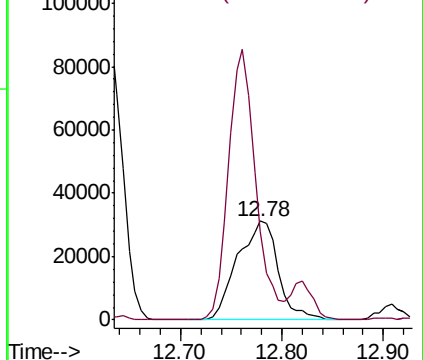
75 100

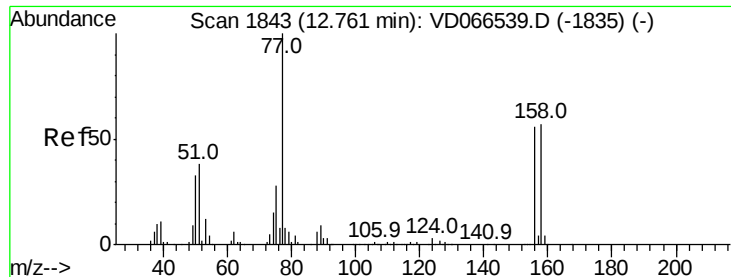
77 184.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.333 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

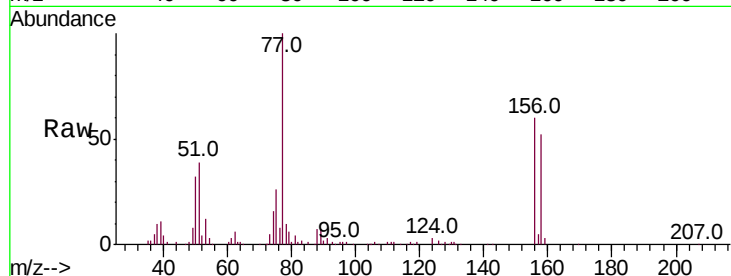
Tot Ion:156 Resp: 82884

Ion Ratio Lower Upper

156 100

77 194.0 98.0 294.1

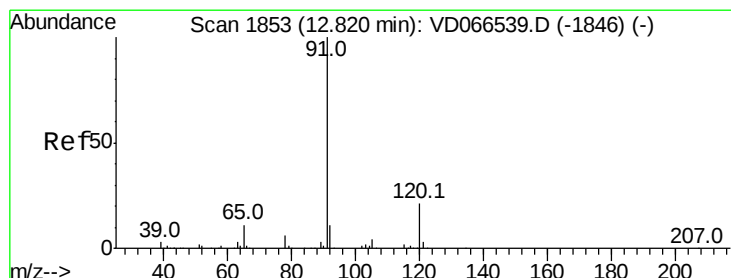
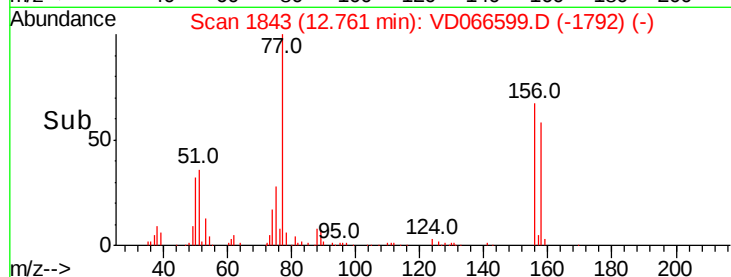
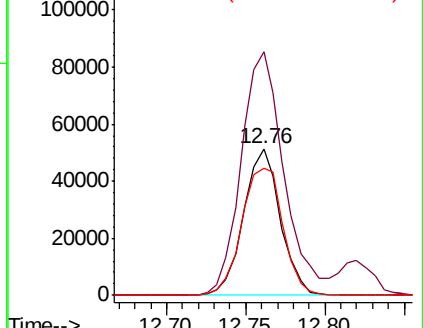
158 97.3 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.577 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066599.D

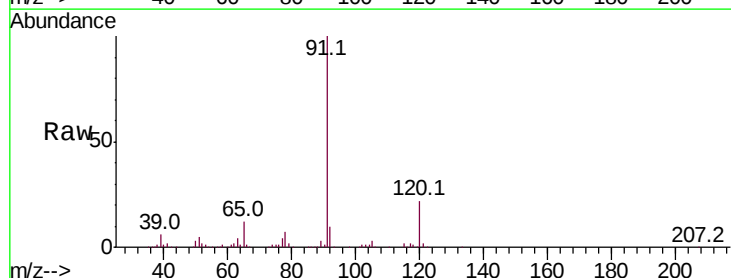
Acq: 10 Sep 2020 00:21

Tgt Ion: 91 Resp: 434712

Ion Ratio Lower Upper

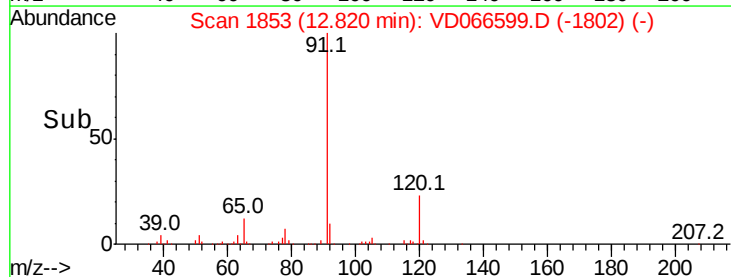
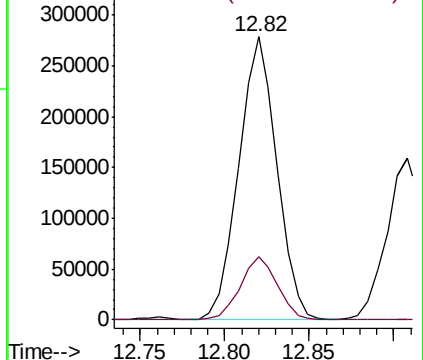
91 100

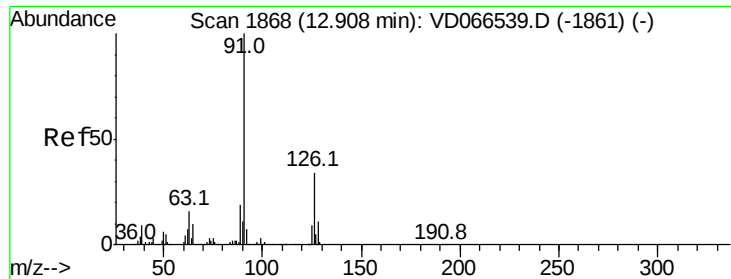
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

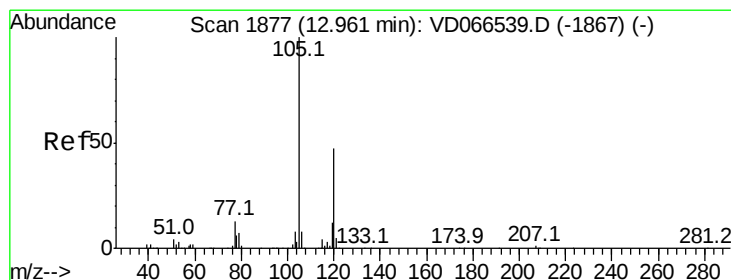
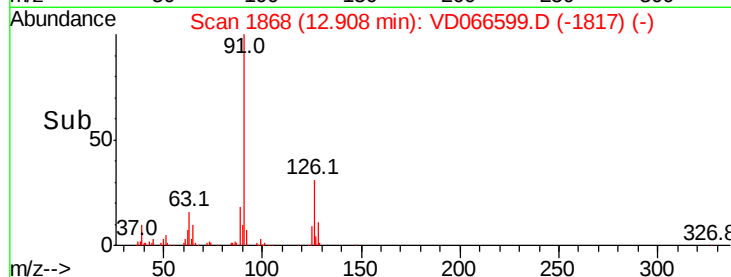
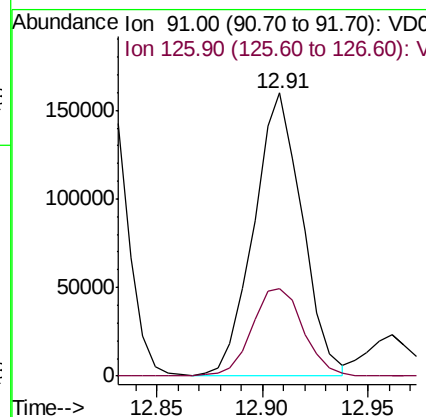
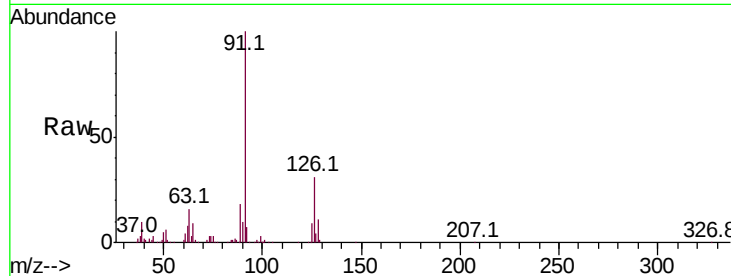




#79
2-Chlorotoluene
Concen: 21.440 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

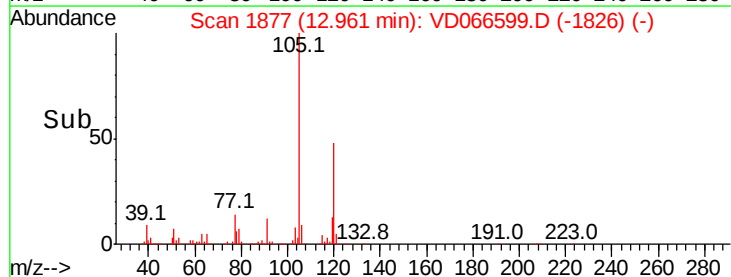
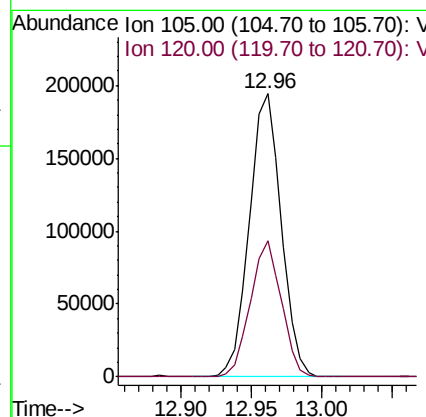
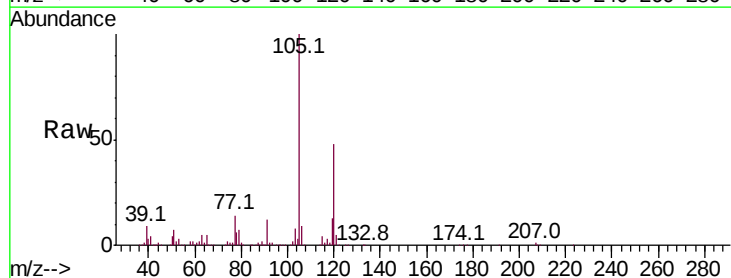
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

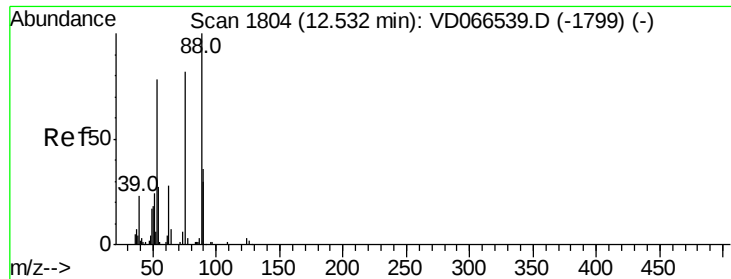
Tot Ion: 91 Resp: 254094
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 21.039 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion: 105 Resp: 308593
Ion Ratio Lower Upper
105 100
120 46.8 23.9 71.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.635 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066599.D

Acq: 10 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0909SBSD02

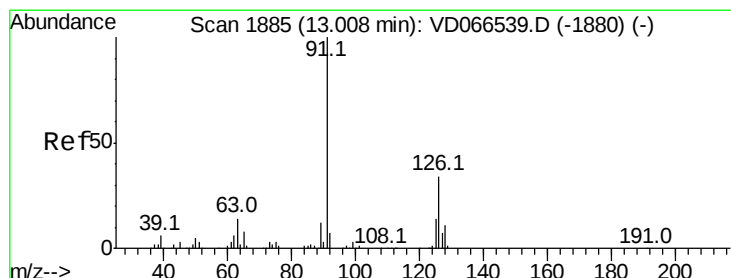
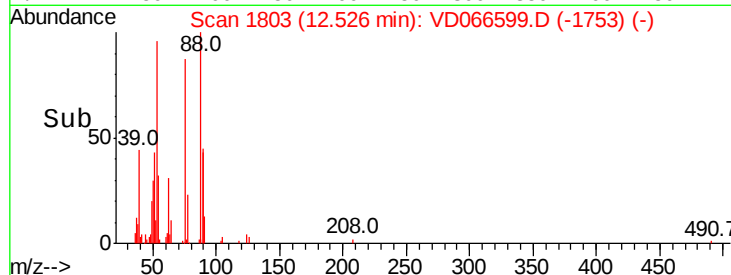
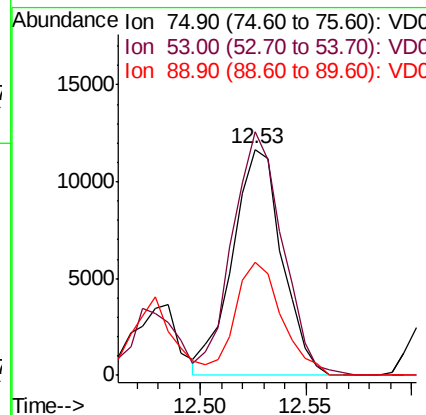
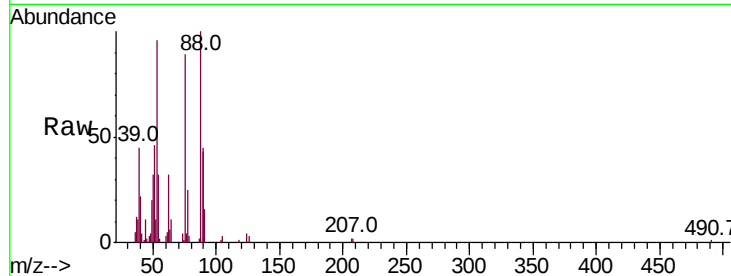
Tot Ion: 75 Resp: 19038

Ion Ratio Lower Upper

75 100

53 108.8 87.0 130.4

89 47.2 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.457 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066599.D

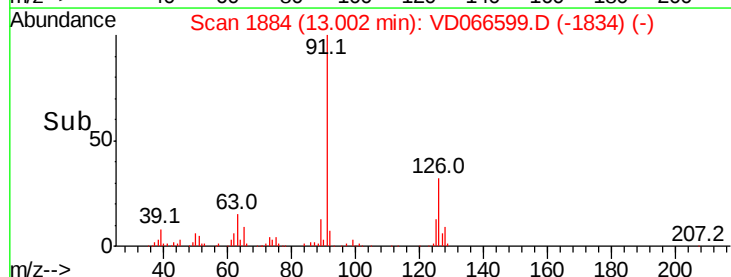
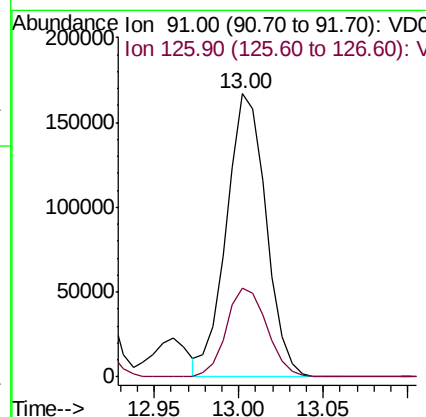
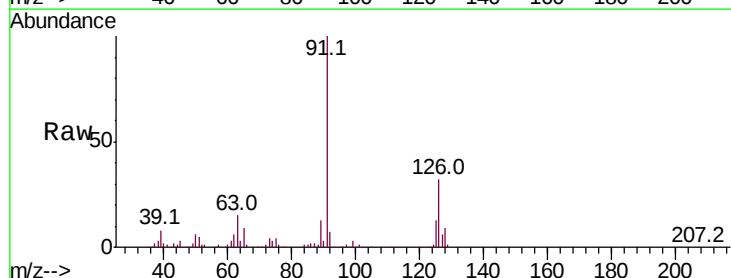
Acq: 10 Sep 2020 00:21

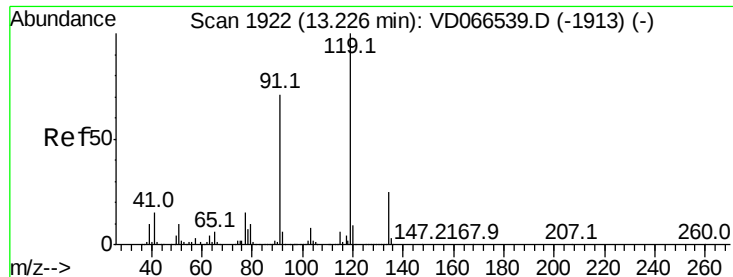
Tgt Ion: 91 Resp: 271941

Ion Ratio Lower Upper

91 100

126 32.3 16.4 49.1

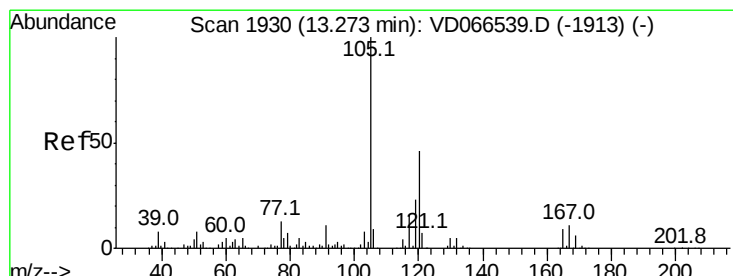
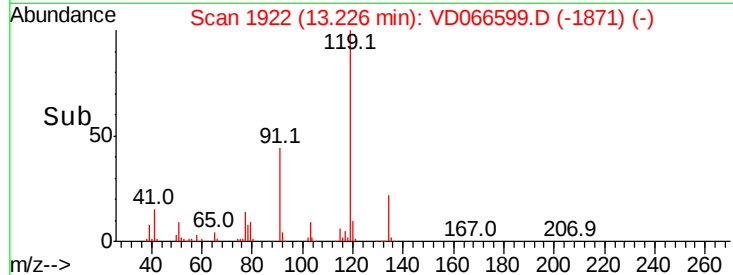
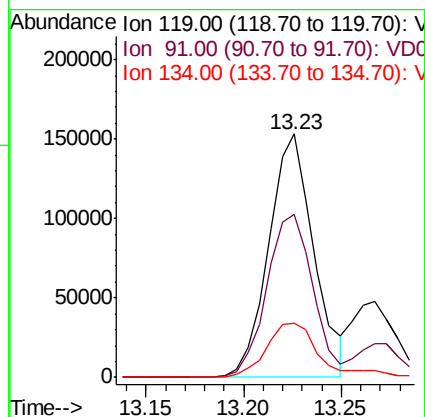
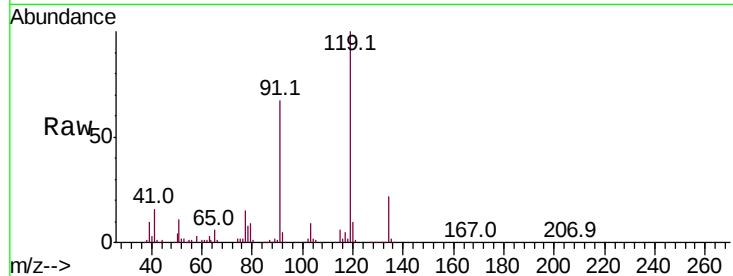




#83
tert-Butylbenzene
Concen: 20.447 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

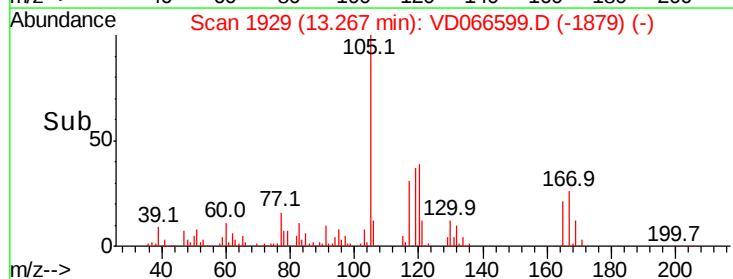
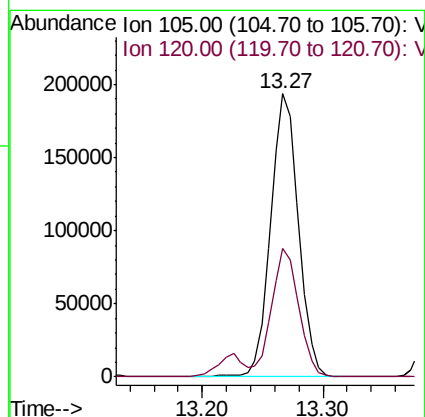
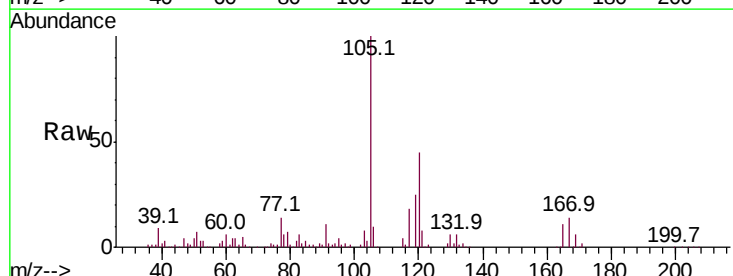
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

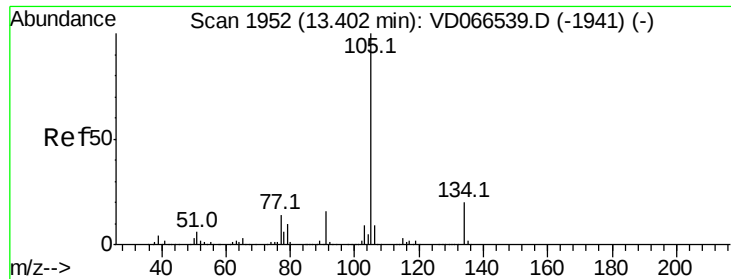
Tot Ion:119 Resp: 244913
Ion Ratio Lower Upper
119 100
91 68.5 35.2 105.6
134 26.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 21.215 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:105 Resp: 309809
Ion Ratio Lower Upper
105 100
120 44.5 22.6 67.7

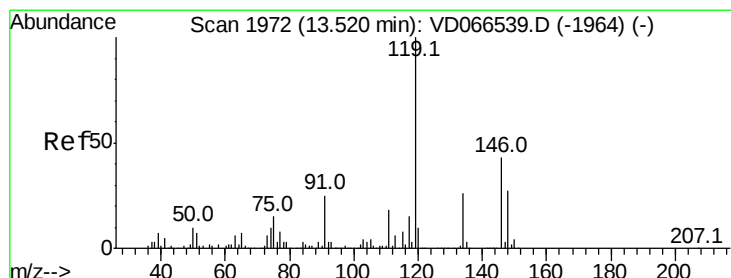
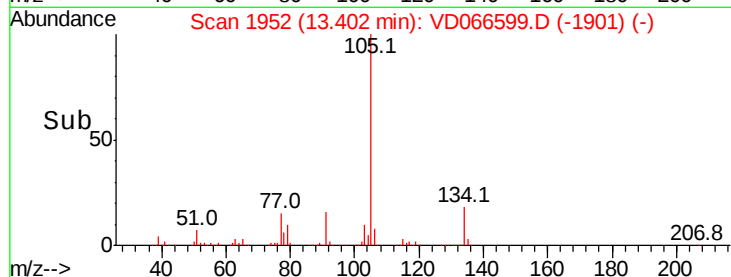
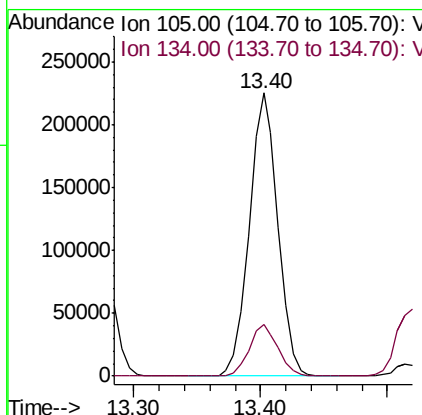
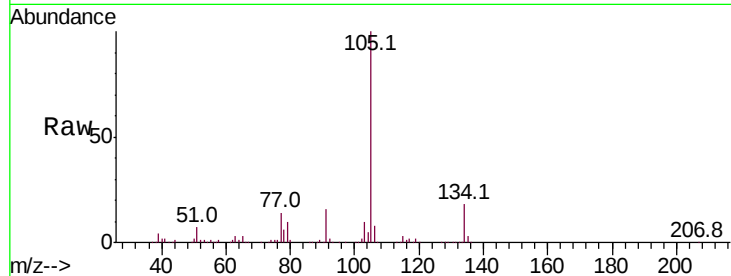




#85
 sec-Butylbenzene
 Concen: 20.325 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

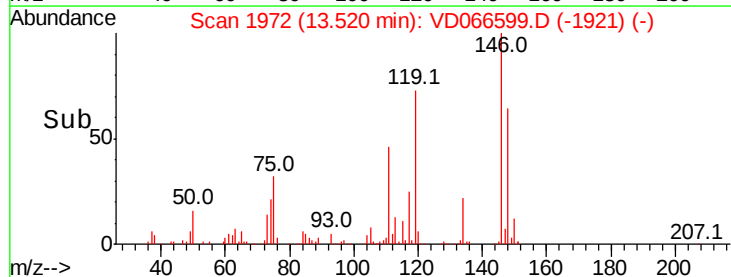
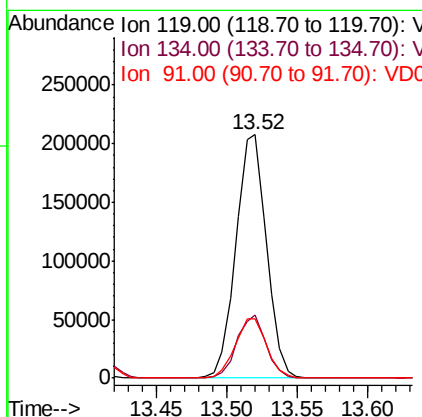
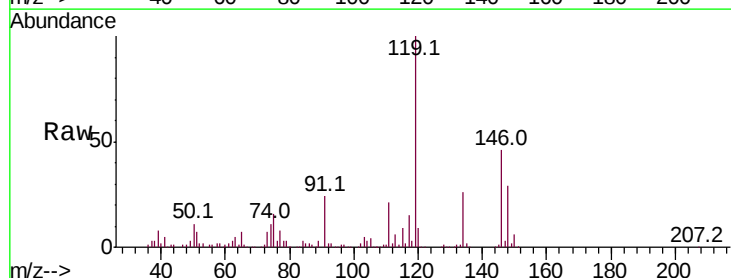
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

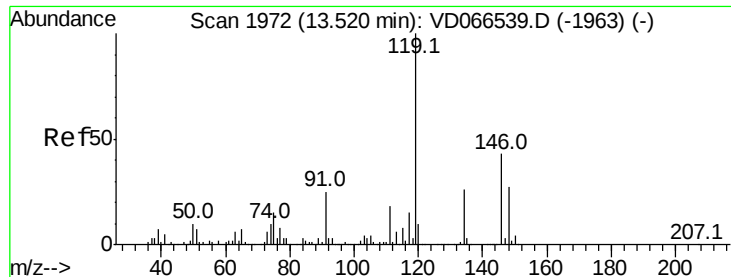
Tot Ion:105 Resp: 350750
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.194 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion:119 Resp: 313655
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.0
 91 25.3 12.5 37.5

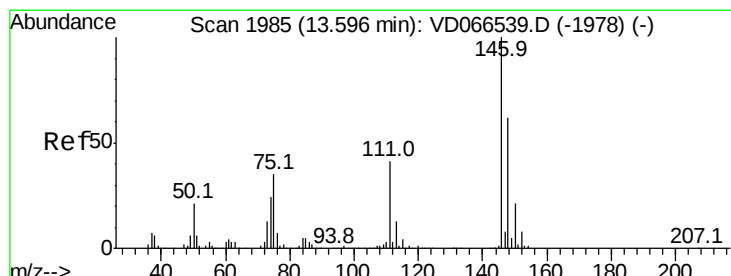
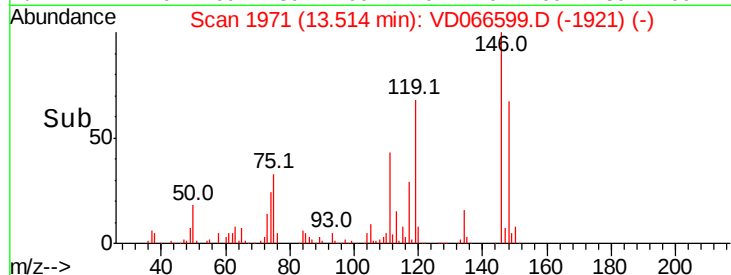
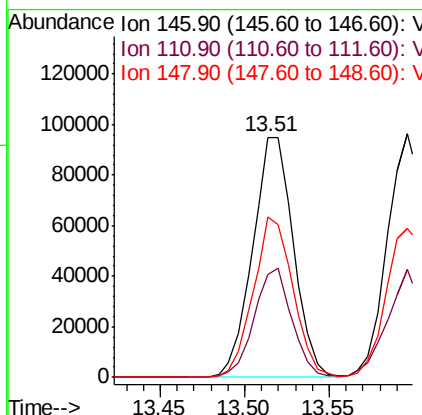
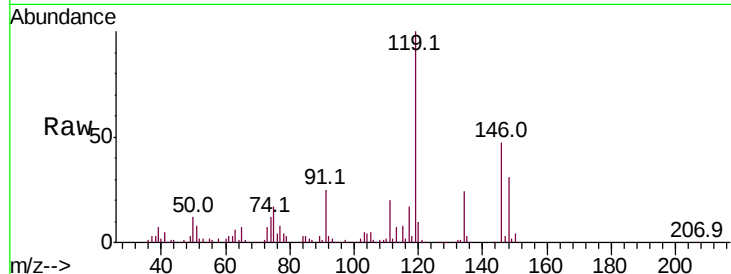




#87
 1,3-Dichlorobenzene
 Concen: 20.698 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

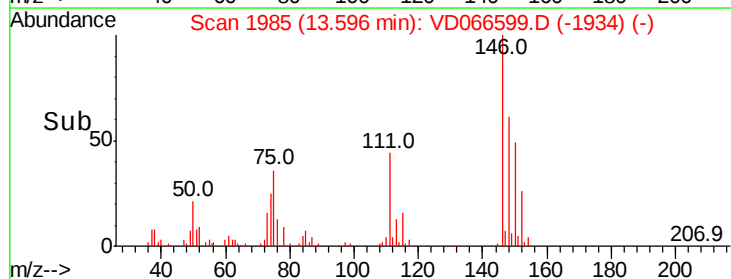
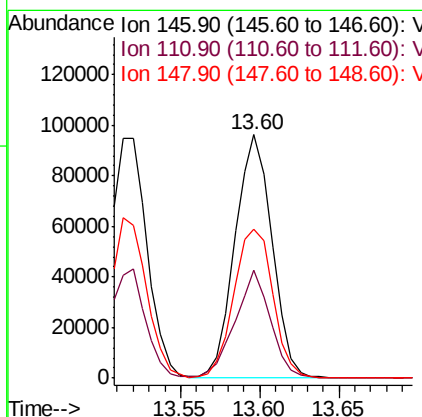
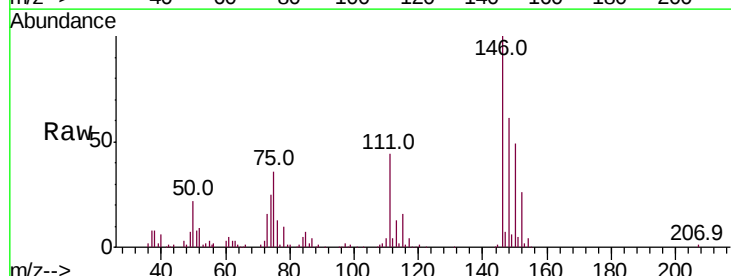
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

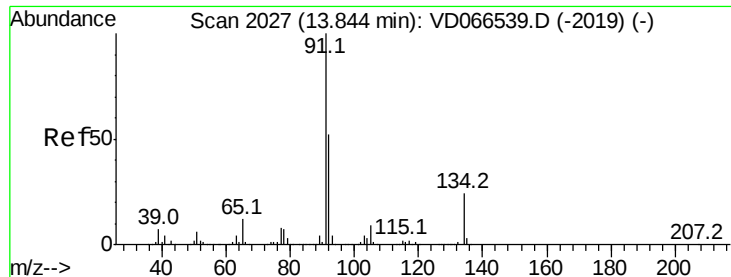
Tot Ion:146 Resp: 159648
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.9
 148 64.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.142 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion:146 Resp: 155936
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.1 60.2
 148 64.8 31.6 94.8

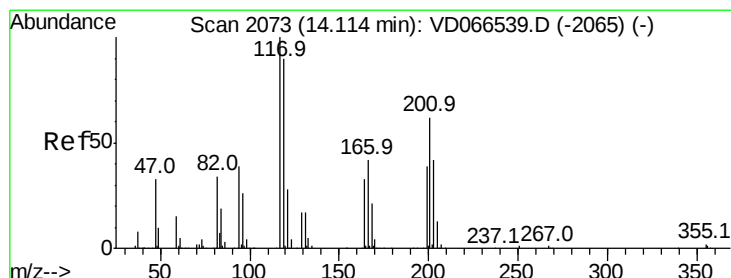
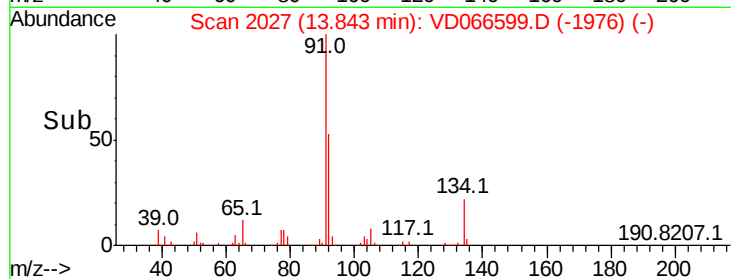
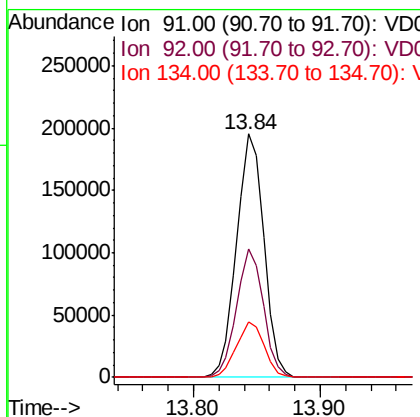
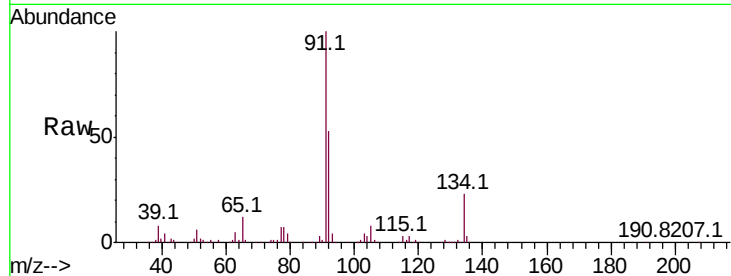




#89
n-Butylbenzene
Concen: 19.260 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

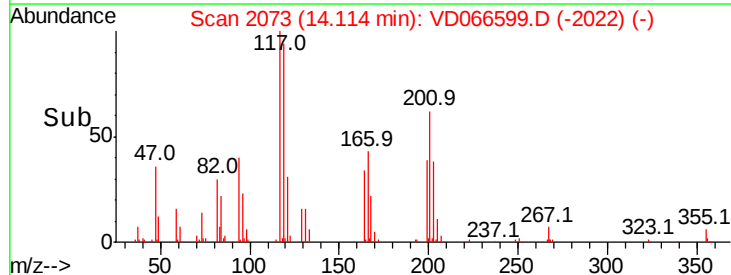
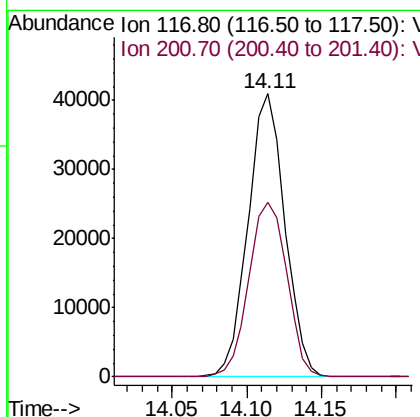
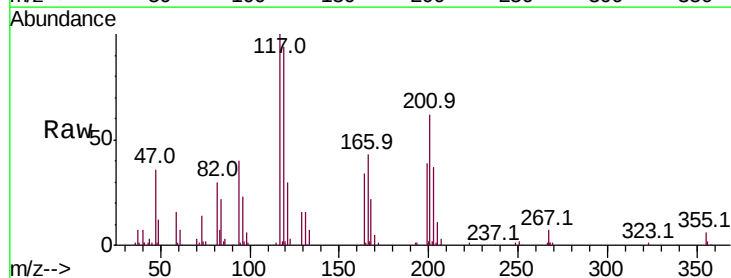
Instrument :
MSVOA_D
ClientSampleId :
VD0909SBS02

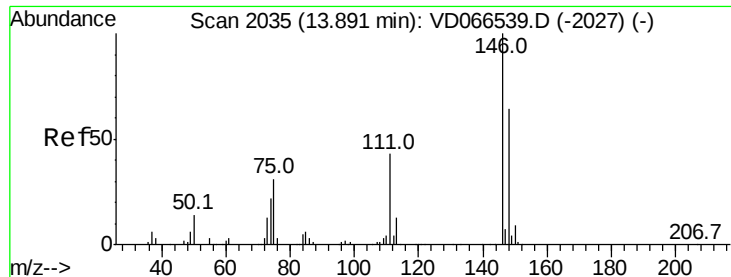
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.5	79.5
134	23.2	12.1	36.3



#90
Hexachloroethane
Concen: 20.936 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.8	31.9	95.5

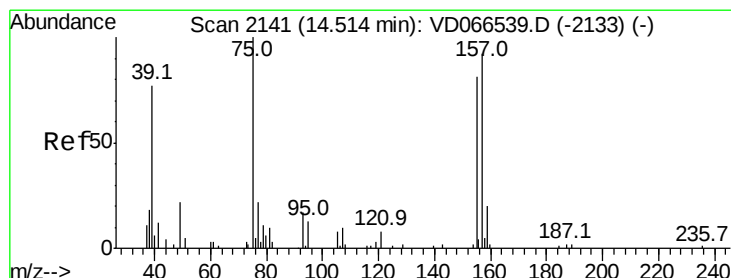
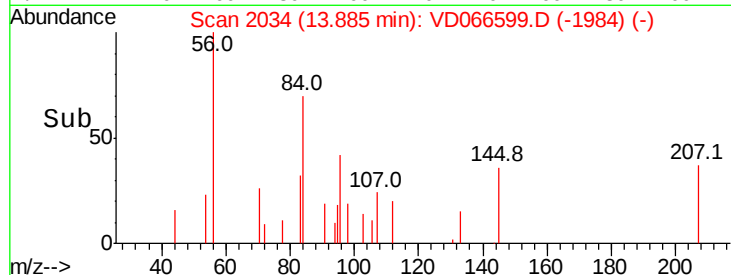
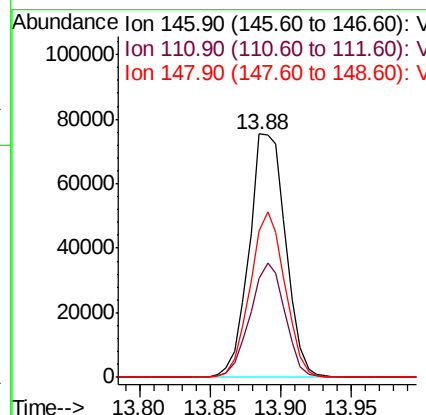
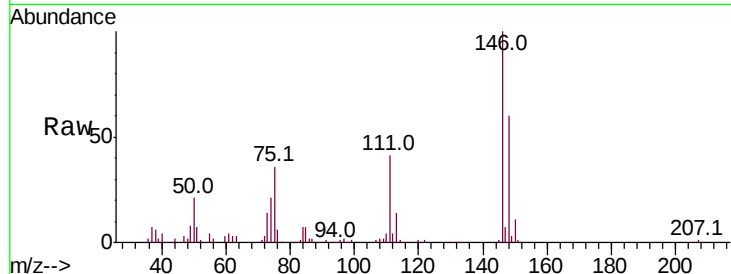




#91
 1,2-Dichlorobenzene
 Concen: 20.316 ug/l
 RT: 13.88 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

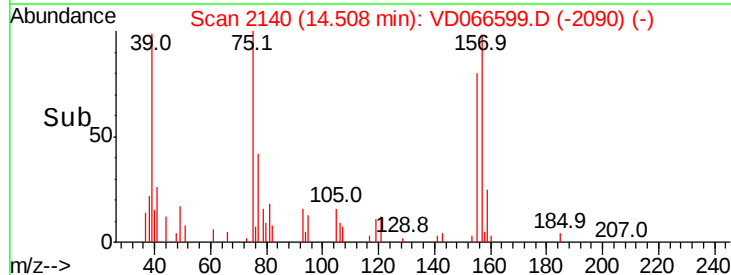
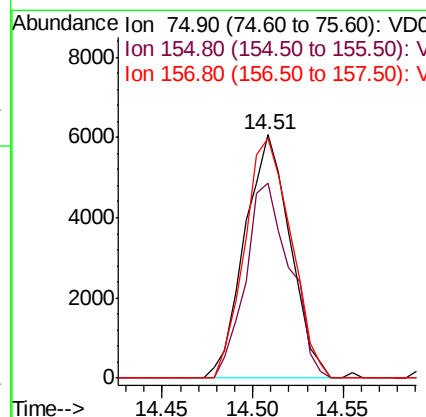
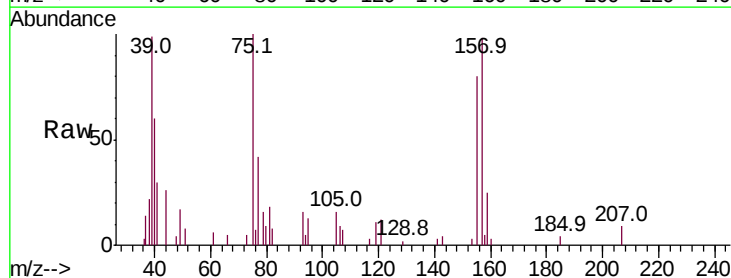
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

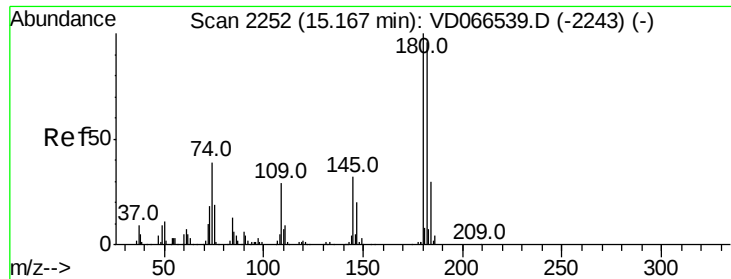
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.1	63.4
148	64.9	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.245 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	39.3	117.8
157	100.9	46.0	137.8

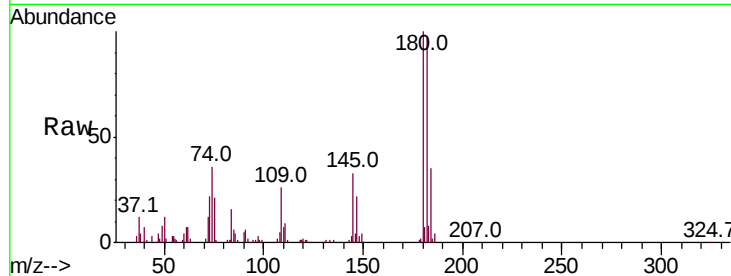




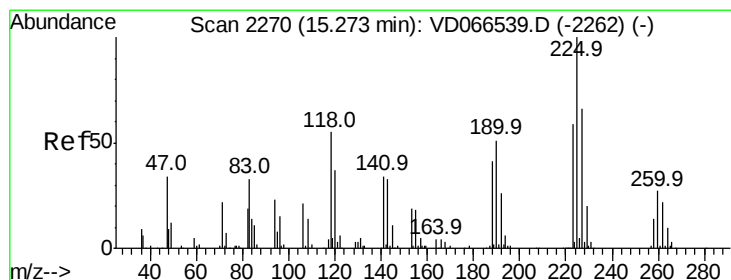
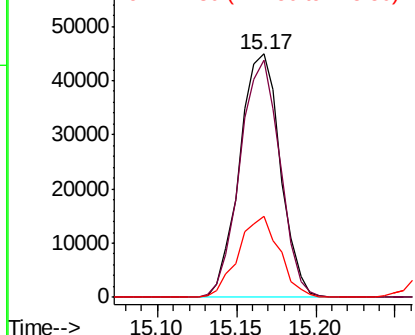
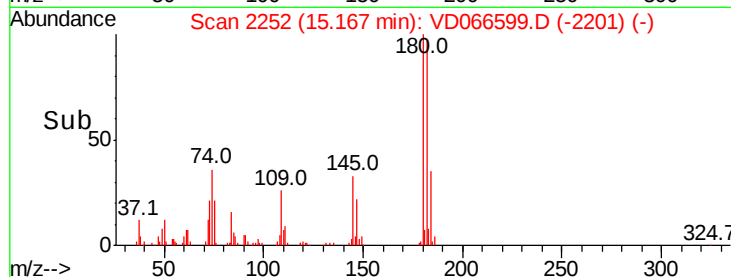
#93
 1,2,4-Trichlorobenzene
 Concen: 19.891 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0909SBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	33.6	16.7	50.0

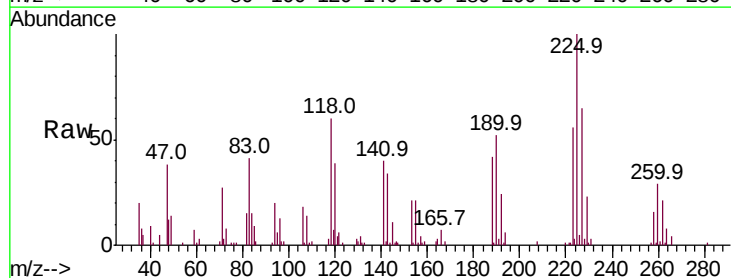


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

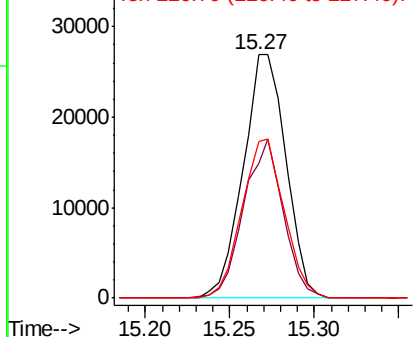
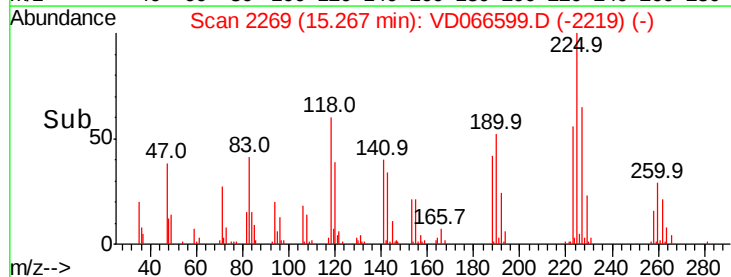


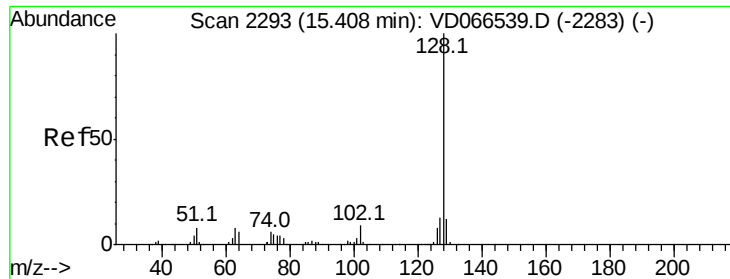
#94
 Hexachlorobutadiene
 Concen: 19.523 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066599.D
 Acq: 10 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	30.5	91.5
227	64.6	32.4	97.2



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

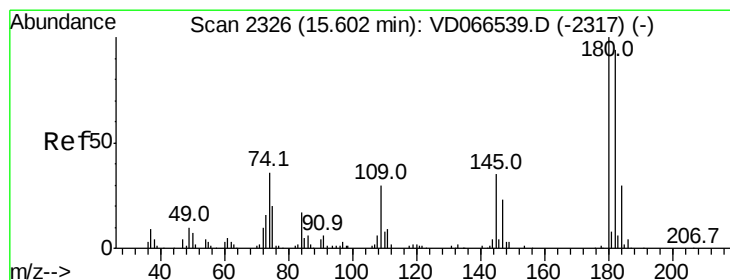
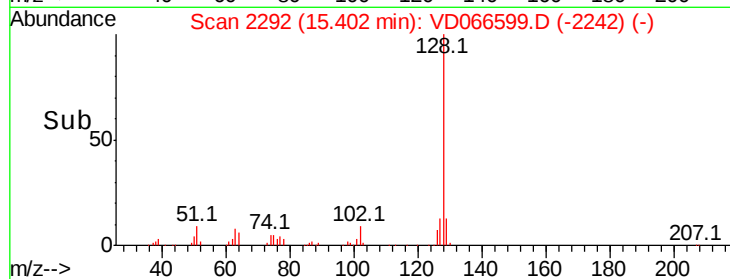
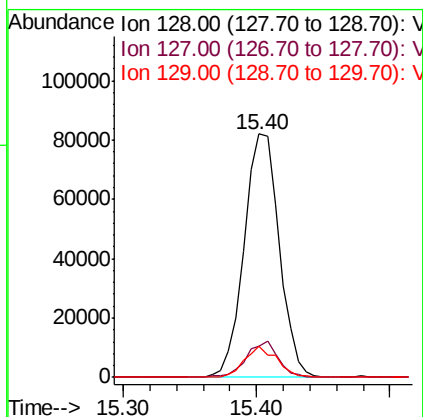
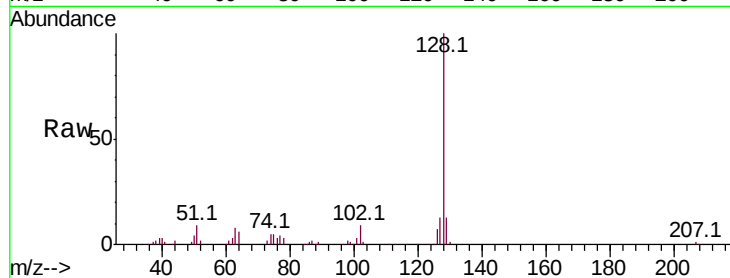




#95
Naphthalene
Concen: 21.039 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0909SBSD02

Tot Ion:128 Resp: 148751
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.7 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 21.623 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066599.D
Acq: 10 Sep 2020 00:21

Tgt Ion:180 Resp: 74589
Ion Ratio Lower Upper
180 100
182 90.5 47.9 143.6
145 33.4 17.3 51.7

