

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
 Data File : VD066866.D
 Acq On : 25 Sep 2020 11:37
 Operator : VA/SY
 Sample : VD0925SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Quant Time: Sep 25 14:22:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	594207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283476	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188157	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.91	113	194810	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.34	98	708657	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.63	95	240933	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	76663	24.058	ug/l	91
3) Chloromethane	2.21	50	77512	20.776	ug/l	96
4) Vinyl Chloride	2.35	62	74919	20.327	ug/l	94
5) Bromomethane	2.76	94	53548	20.670	ug/l	95
6) Chloroethane	2.92	64	45510	19.883	ug/l	92
7) Trichlorofluoromethane	3.27	101	154925	20.467	ug/l	97
8) Diethyl Ether	3.71	74	36971	19.239	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	91519	20.850	ug/l	98
10) Methyl Iodide	4.30	142	65784	16.984	ug/l	96
11) Tert butyl alcohol	5.22	59	25604	72.743	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	78395	19.716	ug/l	97
13) Acrolein	3.92	56	25574	87.229	ug/l	93
14) Allyl chloride	4.72	41	107929	18.485	ug/l	98
15) Acrylonitrile	5.43	53	79480	93.328	ug/l	97
16) Acetone	4.16	43	75211	89.210	ug/l	96
17) Carbon Disulfide	4.41	76	241058	19.830	ug/l	100
18) Methyl Acetate	4.71	43	35863	16.644	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	158878	18.400	ug/l	100
20) Methylene Chloride	4.97	84	107859	20.240	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	92174	20.021	ug/l	97
22) Diisopropyl ether	6.37	45	236030	19.661	ug/l	98
23) Vinyl Acetate	6.31	43	556129	87.085	ug/l	100
24) 1,1-Dichloroethane	6.27	63	157679	19.634	ug/l	96
25) 2-Butanone	7.21	43	88069	86.925	ug/l	95
26) 2,2-Dichloropropane	7.21	77	144952	19.692	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	99187	19.828	ug/l	98
28) Bromochloromethane	7.54	49	65743	19.815	ug/l	95
29) Tetrahydrofuran	7.56	42	57478	88.539	ug/l	99
30) Chloroform	7.71	83	166144	19.192	ug/l	96
31) Cyclohexane	7.98	56	138664	19.189	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	155894	19.907	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125730	19.872	ug/l	97
37) Ethyl Acetate	7.28	43	41410	18.105	ug/l	94
38) Carbon Tetrachloride	8.10	117	142320	20.575	ug/l	95

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 Sample : VD0925SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Sep 25 14:22:43 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	141475	19.475	ug/l	98
40) Benzene	8.34	78	358177	20.312	ug/l	95
41) Methacrylonitrile	7.56	41	60797	43.223	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102362	19.636	ug/l	98
43) Isopropyl Acetate	8.45	43	79555	18.041	ug/l	99
44) Trichloroethene	9.11	130	101724	20.239	ug/l	99
45) 1,2-Dichloropropane	9.38	63	87781	19.786	ug/l	94
46) Dibromomethane	9.47	93	49534	20.549	ug/l	98
47) Bromodichloromethane	9.66	83	130755	20.193	ug/l	99
48) Methyl methacrylate	9.45	41	41841	19.244	ug/l	93
49) 1,4-Dioxane	9.46	88	12119	378.882	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	206912	92.601	ug/l	100
52) Toluene	10.40	92	235845	20.764	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	106064	19.244	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	134558	20.023	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	65205	19.677	ug/l	95
56) Ethyl methacrylate	10.66	69	67660	19.059	ug/l	98
57) 1,3-Dichloropropane	10.94	76	109458	20.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	186550	110.984	ug/l	100
59) 2-Hexanone	10.98	43	139503	92.579	ug/l	99
60) Dibromochloromethane	11.14	129	86594	20.022	ug/l	100
61) 1,2-Dibromoethane	11.24	107	61400	19.921	ug/l	100
64) Tetrachloroethene	10.87	164	91071	21.307	ug/l	94
65) Chlorobenzene	11.67	112	245892	19.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	94081	20.097	ug/l	98
67) Ethyl Benzene	11.74	91	422244	19.437	ug/l	98
68) m/p-Xylenes	11.85	106	336064	40.860	ug/l	100
69) o-Xylene	12.18	106	149222	20.065	ug/l	100
70) Styrene	12.19	104	257524	19.939	ug/l	100
71) Bromoform	12.36	173	46090	19.446	ug/l #	98
73) Isopropylbenzene	12.48	105	406989	19.874	ug/l	98
74) N-amyl acetate	12.29	43	72156	18.043	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.73	83	68082	19.267	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	90401	38.481	ug/l #	100
77) Bromobenzene	12.76	156	96439	20.136	ug/l	96
78) n-propylbenzene	12.82	91	500307	20.308	ug/l	99
79) 2-Chlorotoluene	12.91	91	282610	20.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	353010	20.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18123	19.301	ug/l	94
82) 4-Chlorotoluene	13.00	91	304682	20.588	ug/l	100
83) tert-Butylbenzene	13.23	119	289708	20.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	354113	20.552	ug/l	99
85) sec-Butylbenzene	13.40	105	412563	20.093	ug/l	98
86) p-Isopropyltoluene	13.52	119	382993	20.694	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190445	20.127	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	187112	19.910	ug/l	99
89) n-Butylbenzene	13.84	91	349171	19.849	ug/l	99
90) Hexachloroethane	14.11	117	73073	19.448	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	163411	20.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10298	18.116	ug/l	92

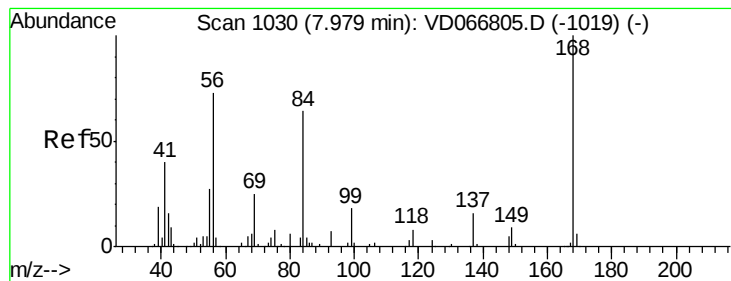
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD092520\
Data File : VD066866.D
Acq On : 25 Sep 2020 11:37
Operator : VA/SY
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Quant Time: Sep 25 14:22:43 2020
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	102427	20.099	ug/l	95
94) Hexachlorobutadiene	15.27	225	61691	20.201	ug/l	98
95) Naphthalene	15.40	128	156984	18.144	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	86054	19.565	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

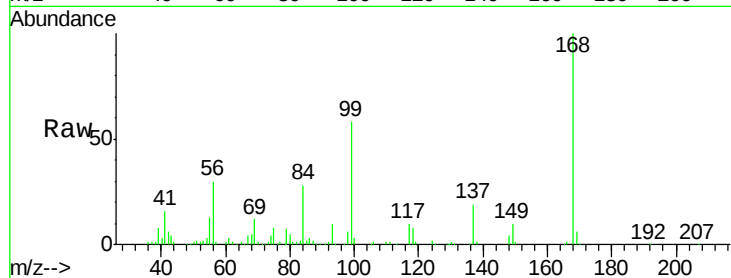
VD0925SBS01

Tgt Ion:168 Resp: 406053

Ion Ratio Lower Upper

168 100

99 57.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

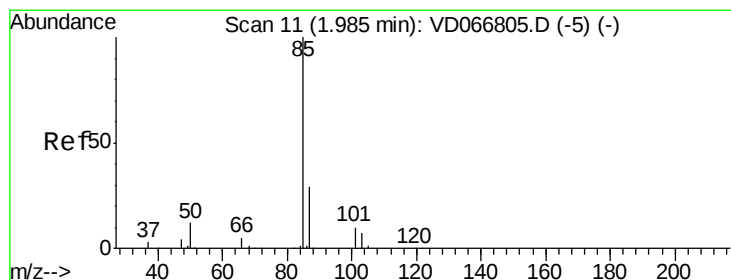
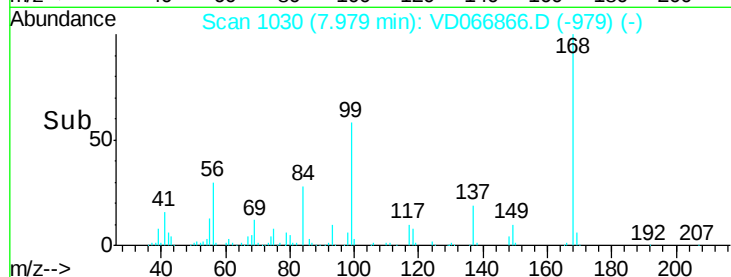
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 24.058 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066866.D

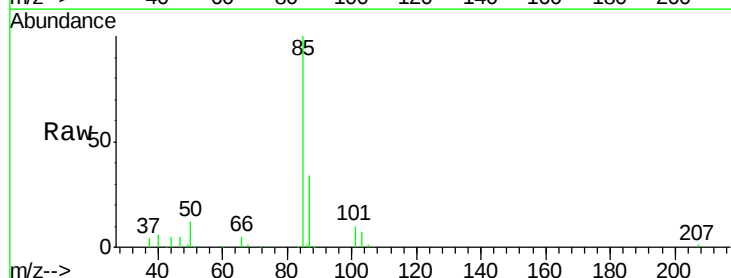
Acq: 25 Sep 2020 11:37

Tgt Ion: 85 Resp: 76663

Ion Ratio Lower Upper

85 100

87 33.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

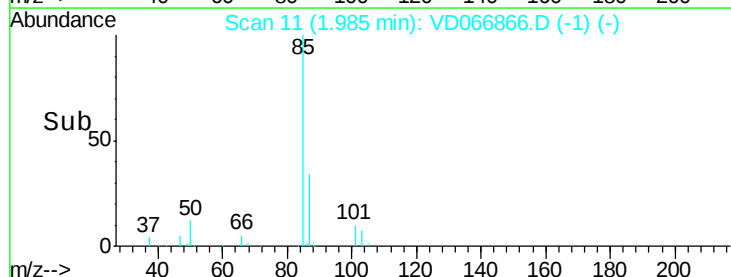
20000

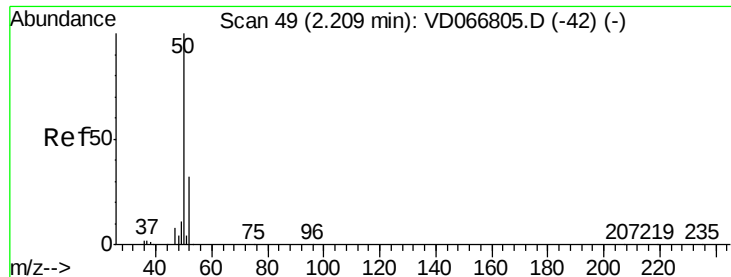
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.776 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

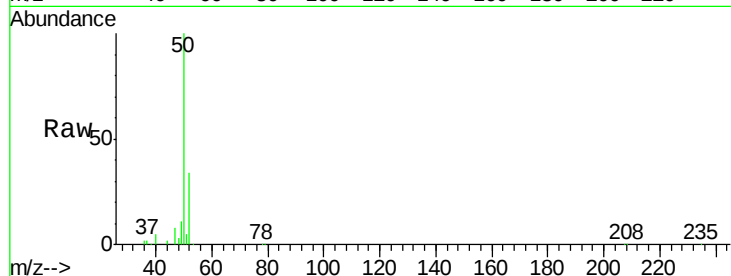
VD0925SBS01

Tgt Ion: 50 Resp: 77512

Ion Ratio Lower Upper

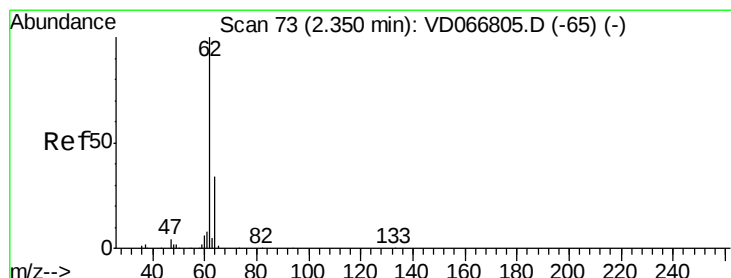
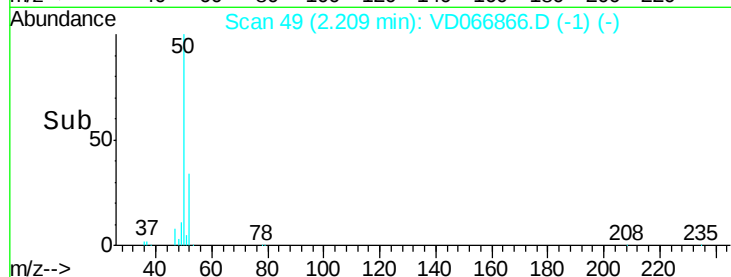
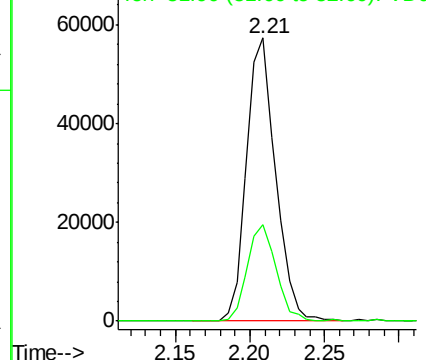
50 100

52 34.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.327 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066866.D

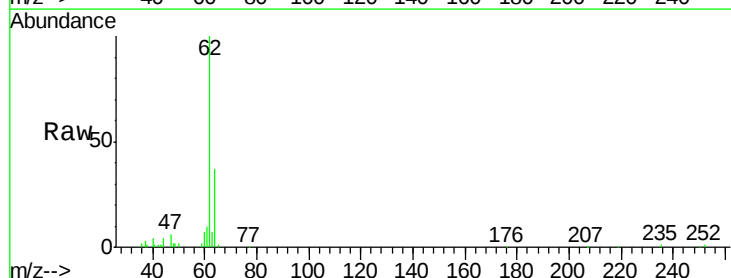
Acq: 25 Sep 2020 11:37

Tgt Ion: 62 Resp: 74919

Ion Ratio Lower Upper

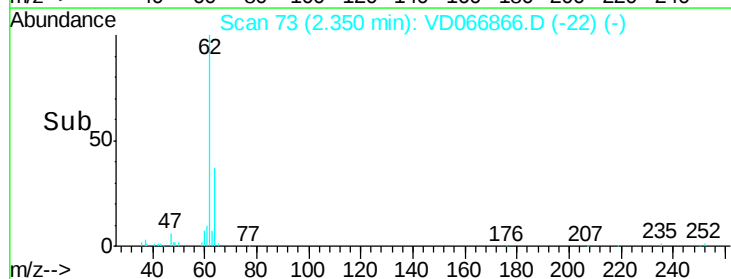
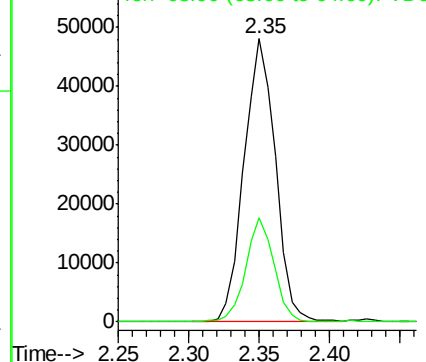
62 100

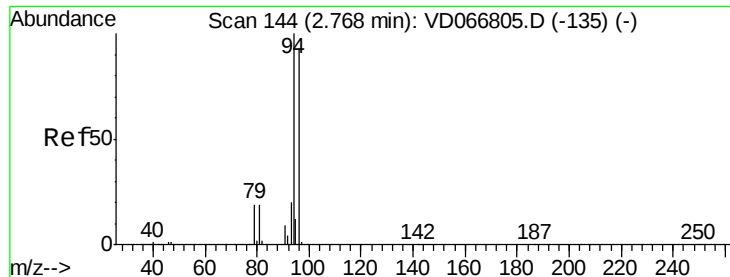
64 37.0 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.670 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

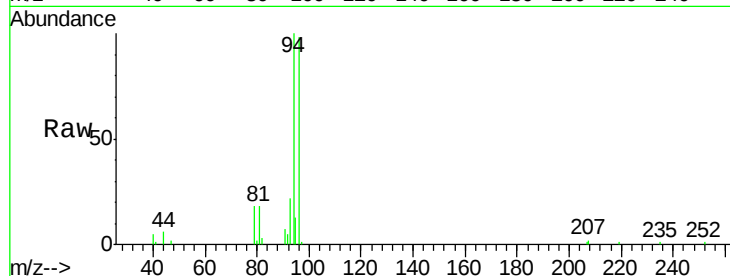
VD0925SBS01

Tgt Ion: 94 Resp: 53548

Ion Ratio Lower Upper

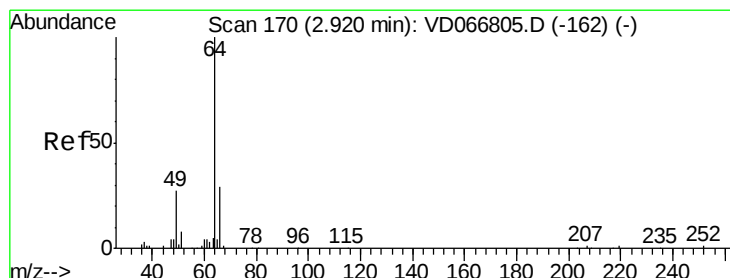
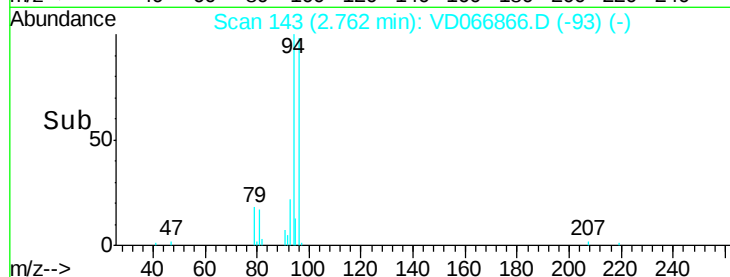
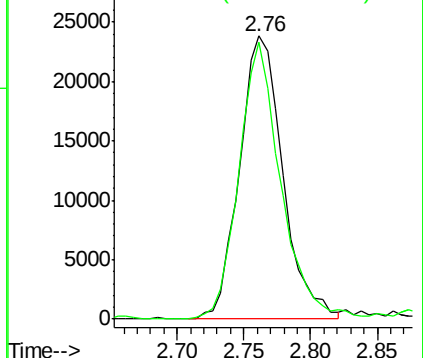
94 100

96 97.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.883 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066866.D

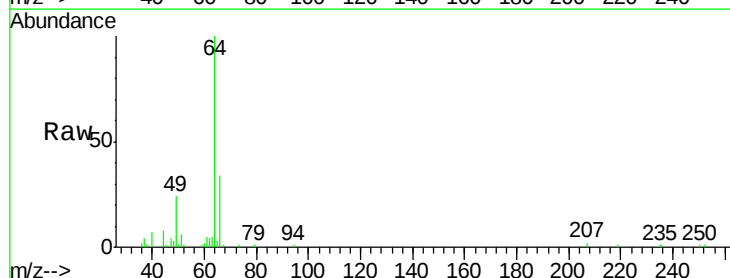
Acq: 25 Sep 2020 11:37

Tgt Ion: 64 Resp: 45510

Ion Ratio Lower Upper

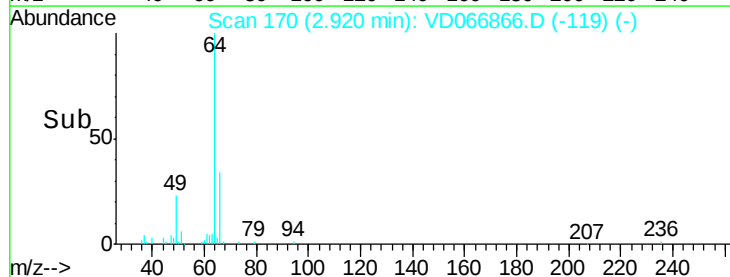
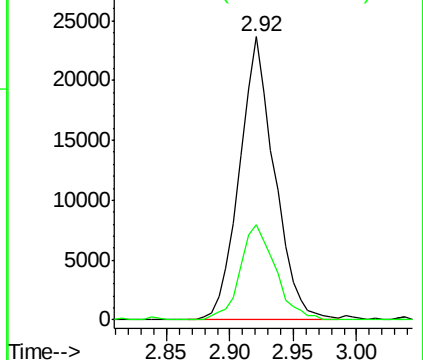
64 100

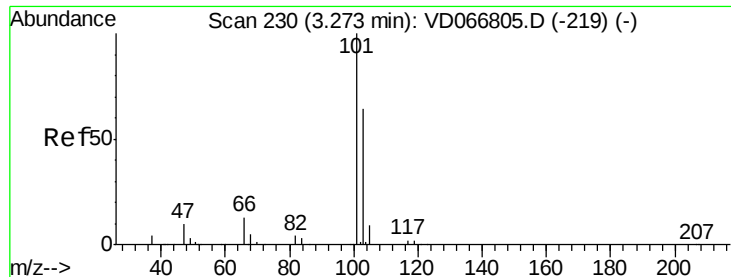
66 33.6 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



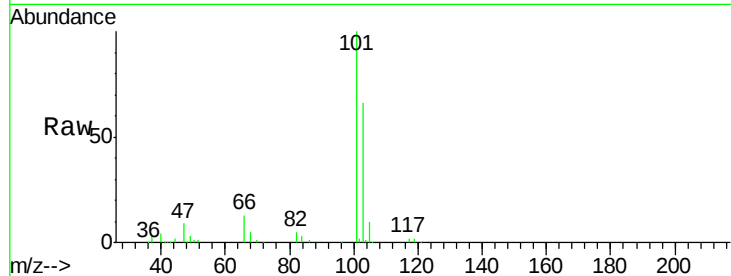


#7

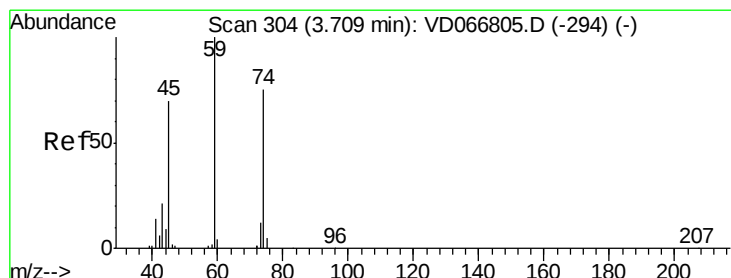
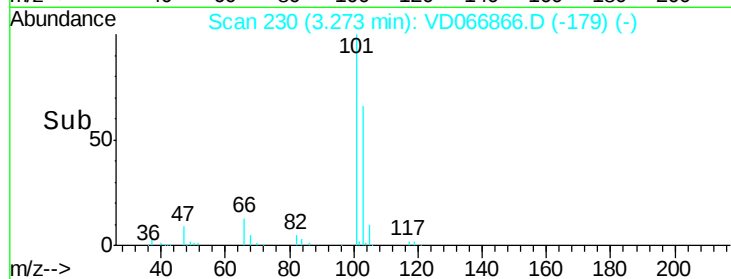
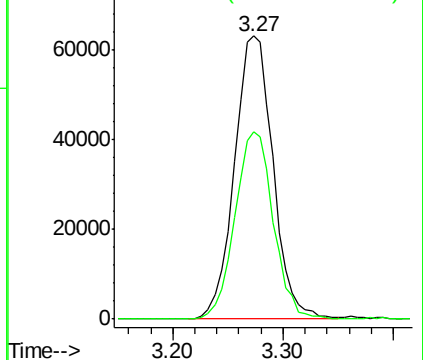
Trichlorofluoromethane
 Concen: 20.467 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
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 VD0925SBS01

Tgt Ion:101 Resp: 154925
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.0 76.6



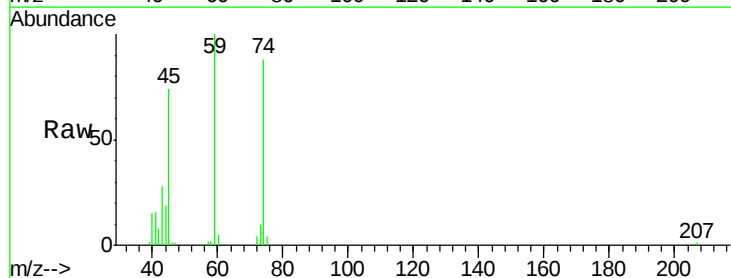
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



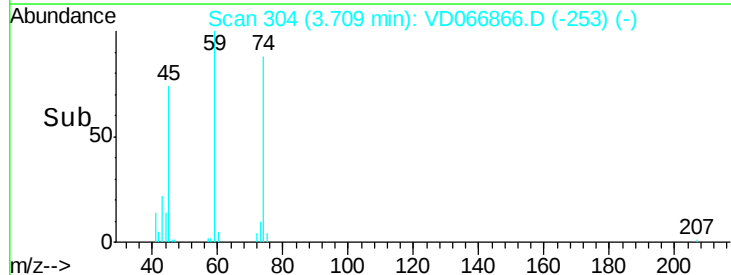
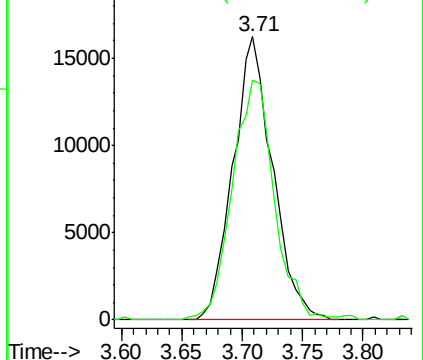
#8

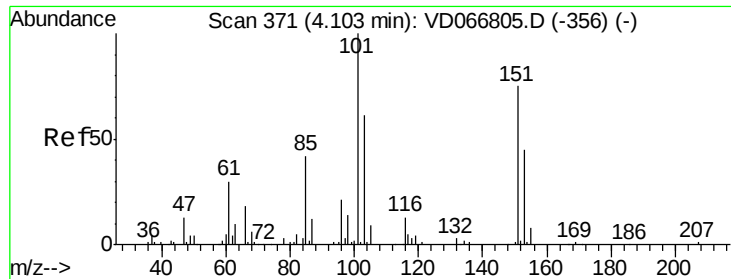
Diethyl Ether
 Concen: 19.239 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 74 Resp: 36971
 Ion Ratio Lower Upper
 74 100
 45 90.1 46.0 138.0



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.850 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

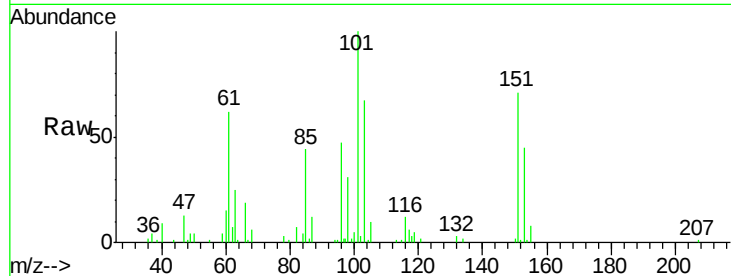
Tgt Ion:101 Resp: 91519

Ion Ratio Lower Upper

101 100

85 42.3 35.4 53.2

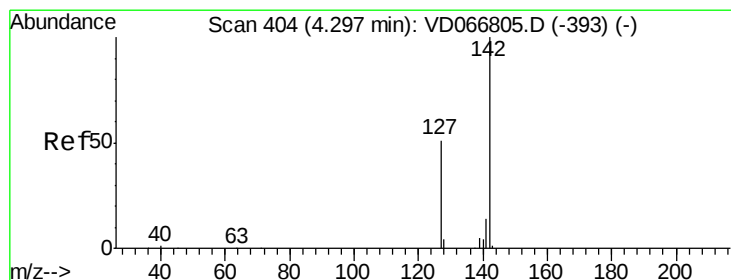
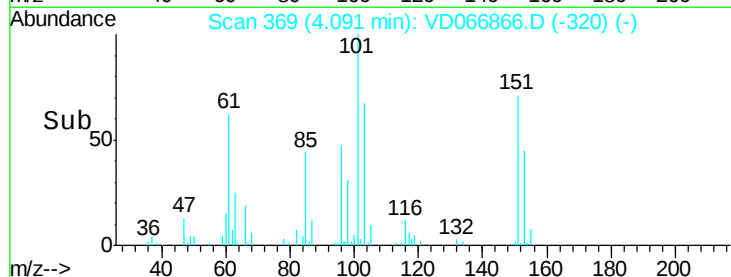
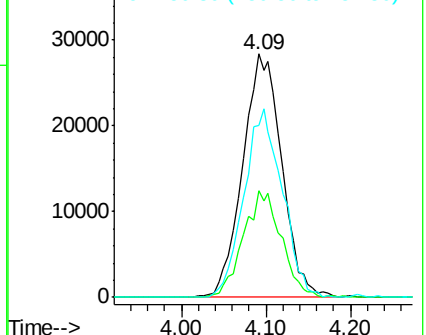
151 75.7 61.4 92.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.984 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

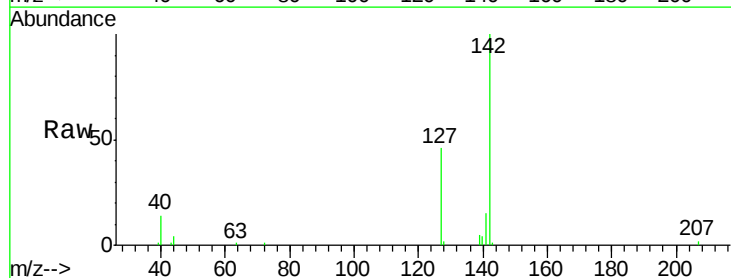
Tgt Ion:142 Resp: 65784

Ion Ratio Lower Upper

142 100

127 46.3 39.4 59.0

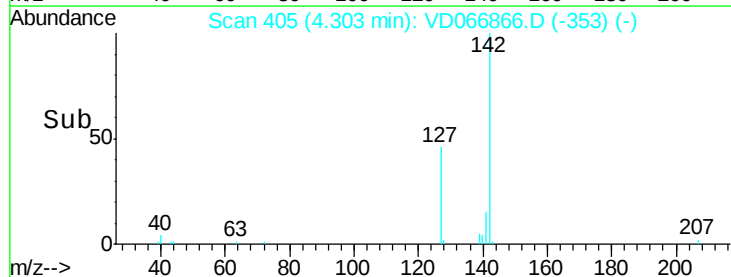
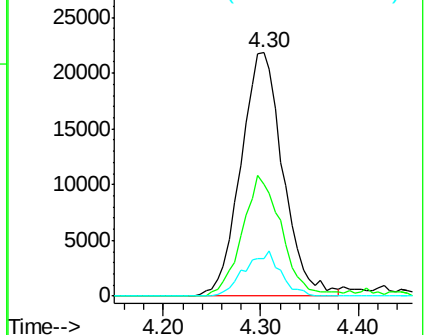
141 15.8 12.1 18.1

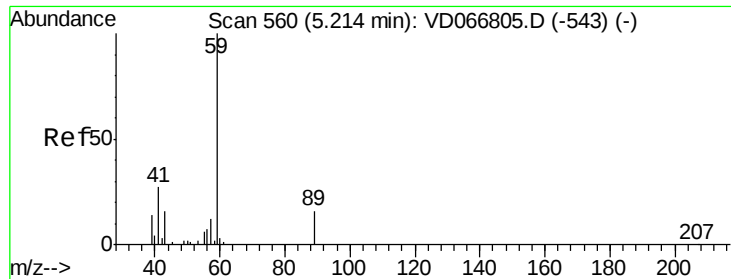


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

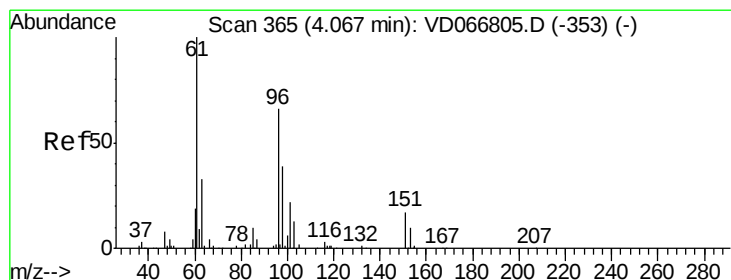
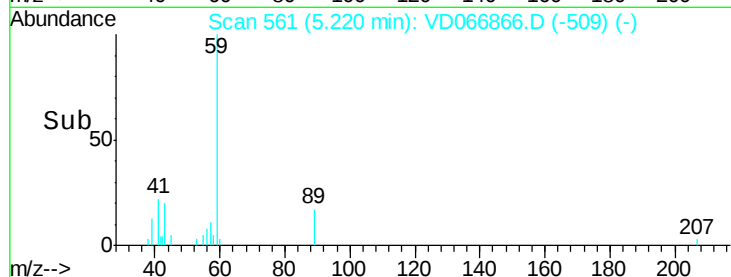
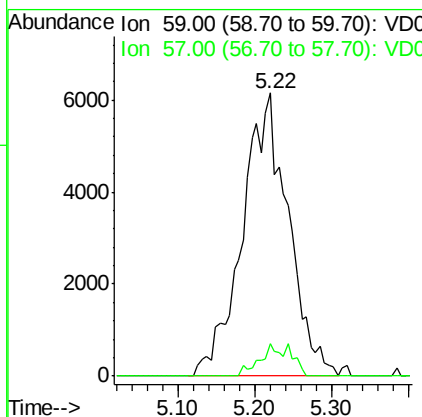
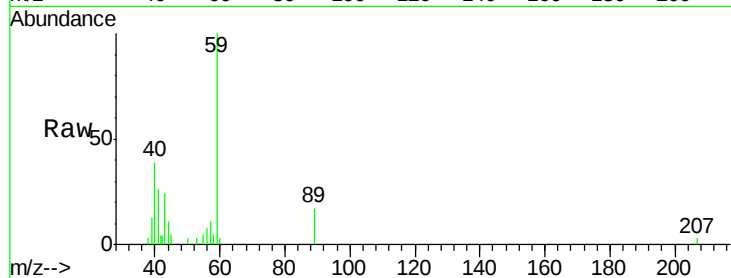




#11
Tert butyl alcohol
Concen: 72.743 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

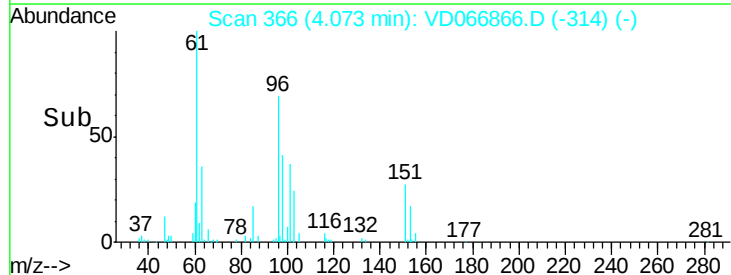
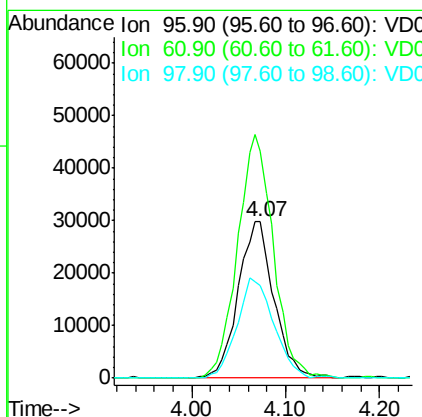
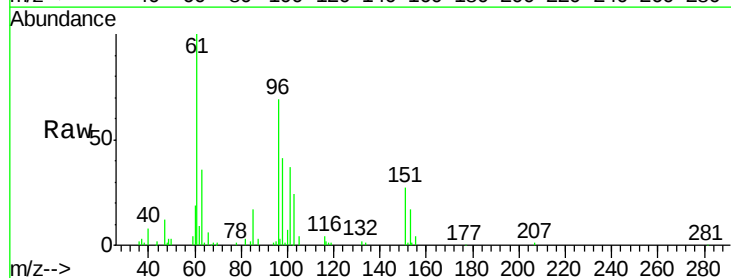
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

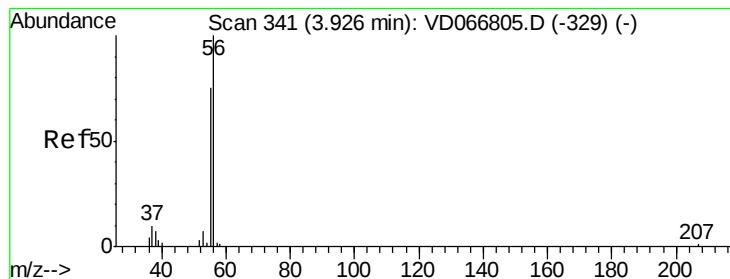
Tgt Ion: 59 Resp: 25604
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 19.716 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 96 Resp: 78395
Ion Ratio Lower Upper
96 100
61 145.3 120.8 181.2
98 59.1 47.7 71.5





#13

Acrolein

Concen: 87.229 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

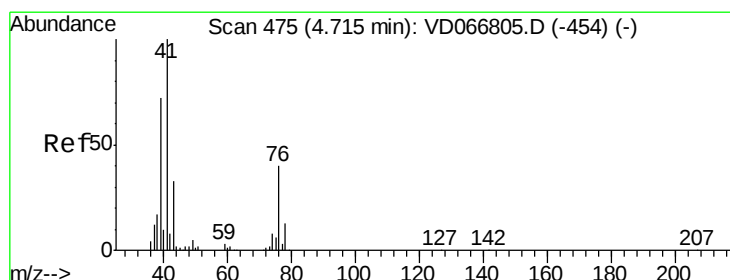
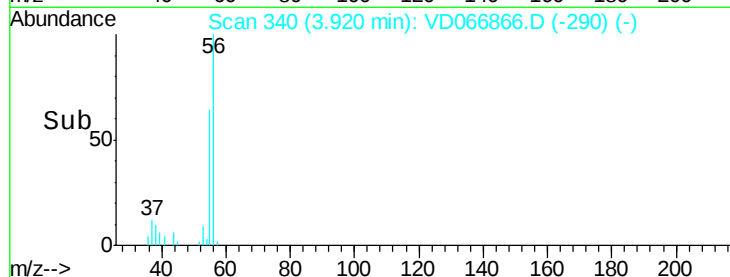
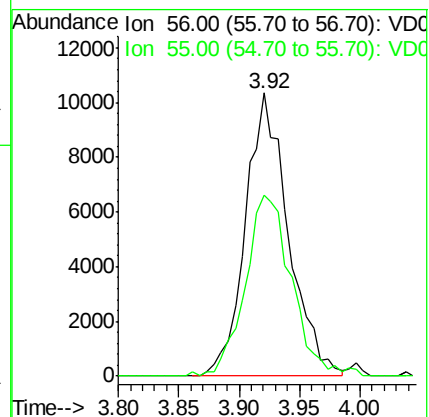
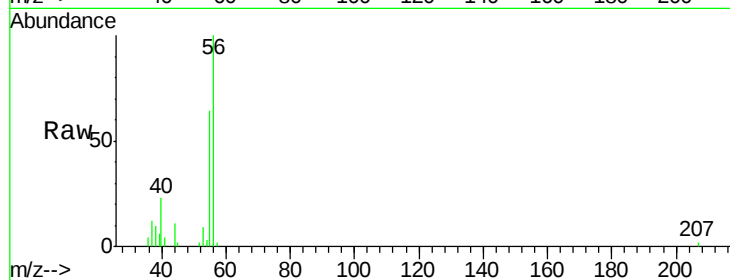
VD0925SBS01

Tgt Ion: 56 Resp: 25574

Ion Ratio Lower Upper

56 100

55 69.0 60.3 90.5



#14

Allyl chloride

Concen: 18.485 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

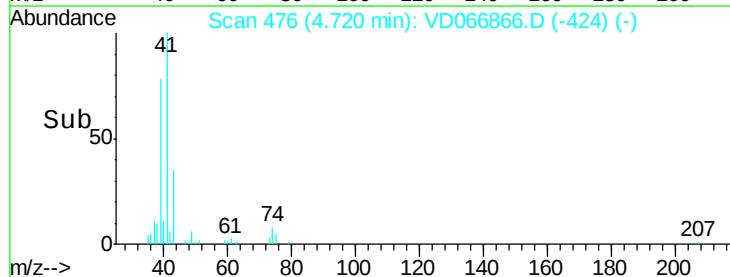
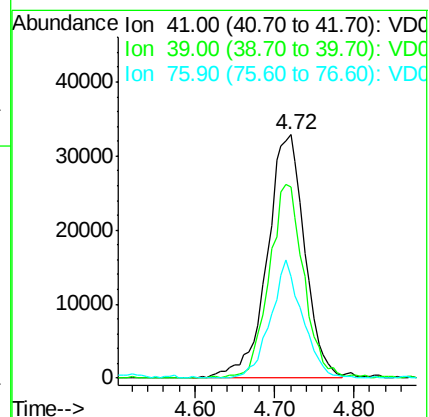
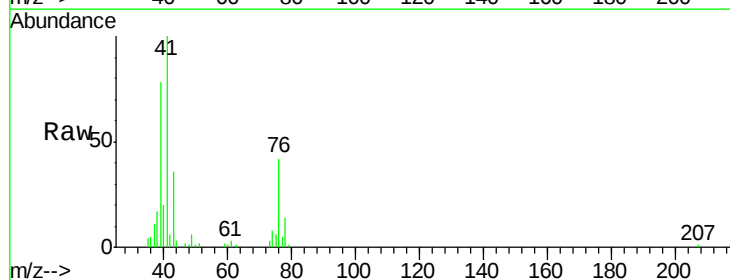
Tgt Ion: 41 Resp: 107929

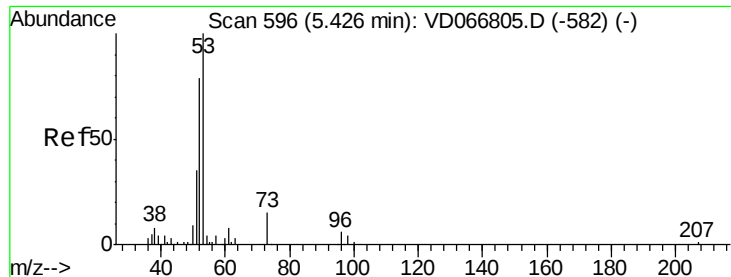
Ion Ratio Lower Upper

41 100

39 73.5 57.8 86.8

76 41.0 30.9 46.3





#15

Acrylonitrile

Concen: 93.328 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

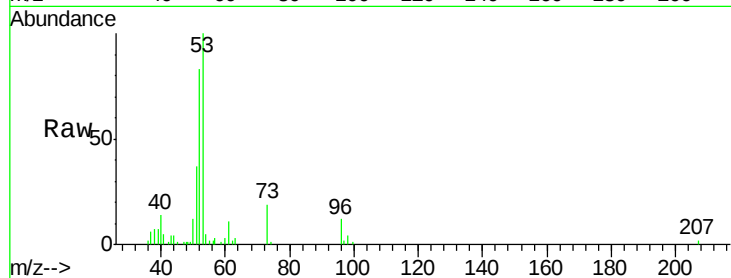
Tgt Ion: 53 Resp: 79480

Ion Ratio Lower Upper

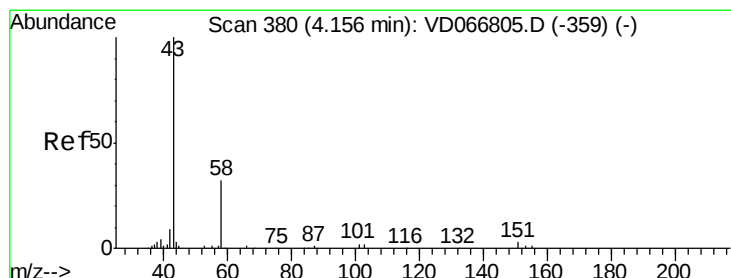
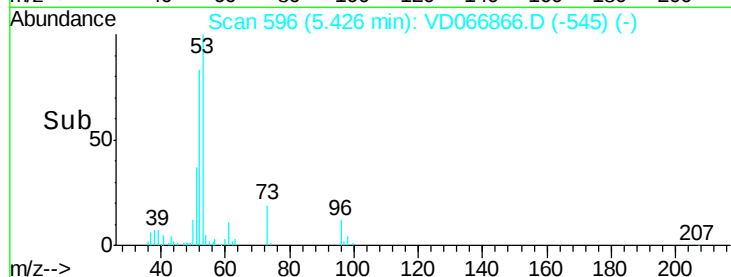
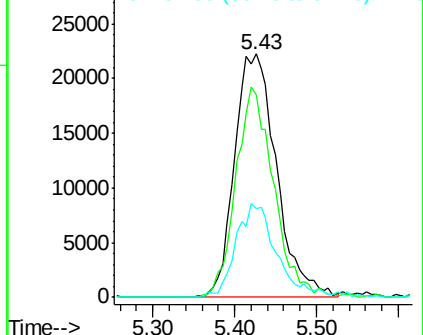
53 100

52 77.9 65.2 97.8

51 37.0 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 89.210 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066866.D

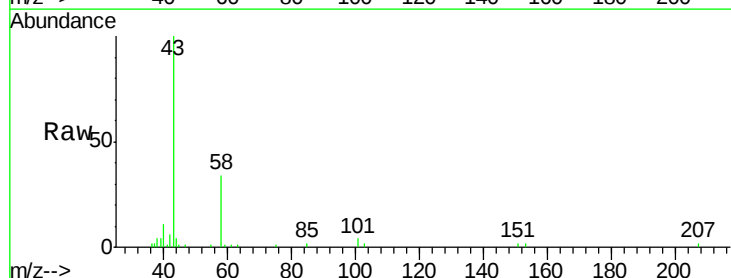
Acq: 25 Sep 2020 11:37

Tgt Ion: 43 Resp: 75211

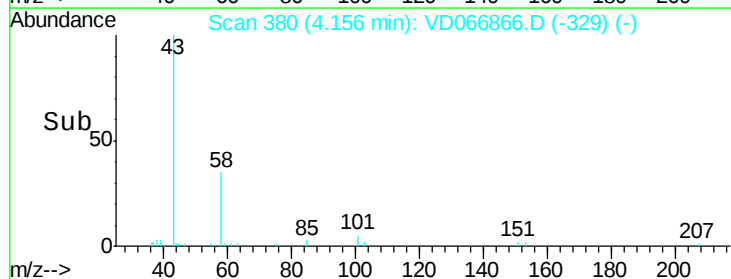
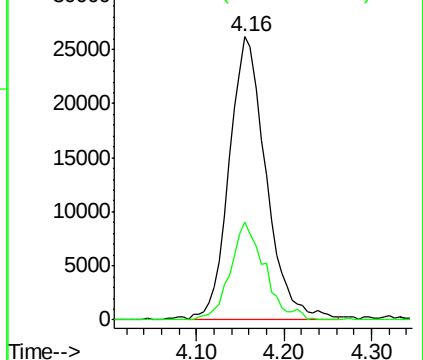
Ion Ratio Lower Upper

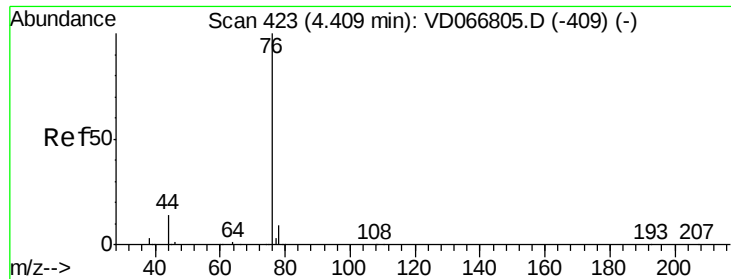
43 100

58 34.5 25.6 38.4



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

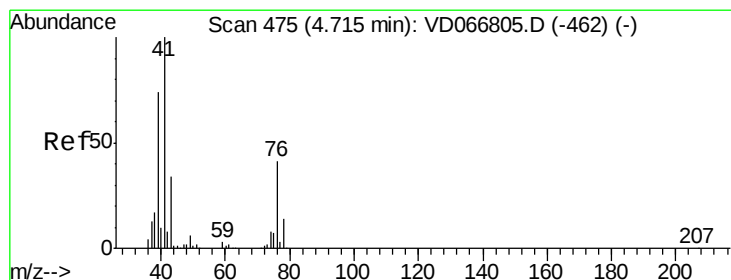
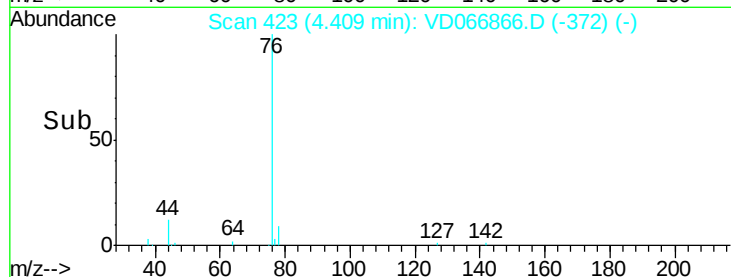
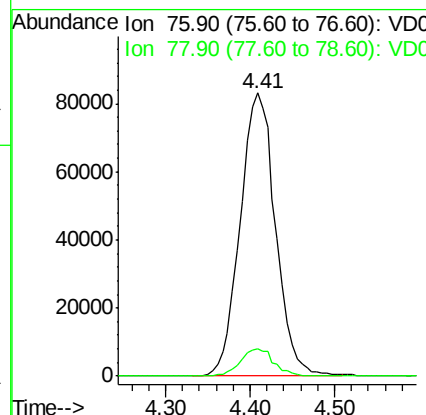
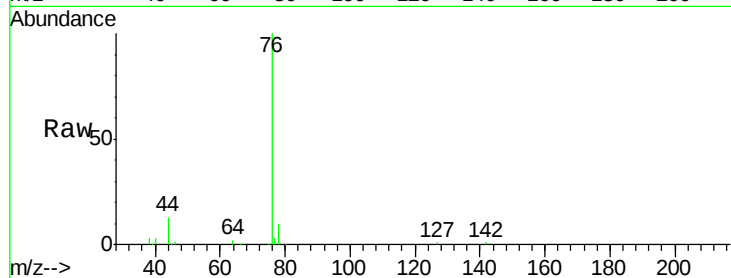




#17
Carbon Disulfide
Concen: 19.830 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

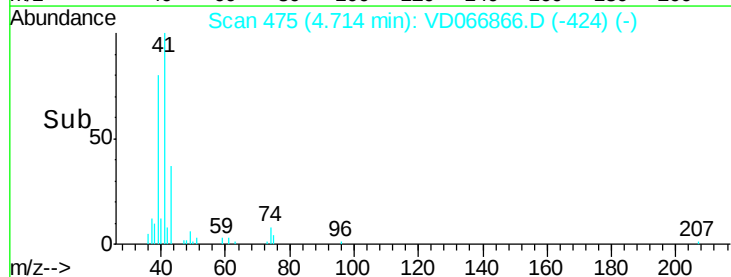
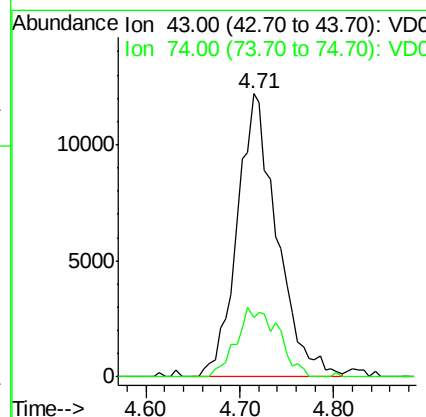
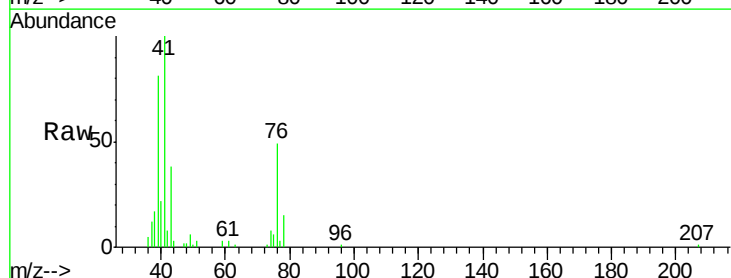
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

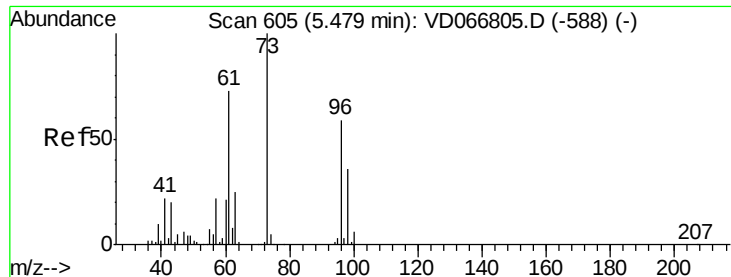
Tgt Ion: 76 Resp: 241058
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4



#18
Methyl Acetate
Concen: 16.644 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 43 Resp: 35863
Ion Ratio Lower Upper
43 100
74 25.7 20.3 30.5

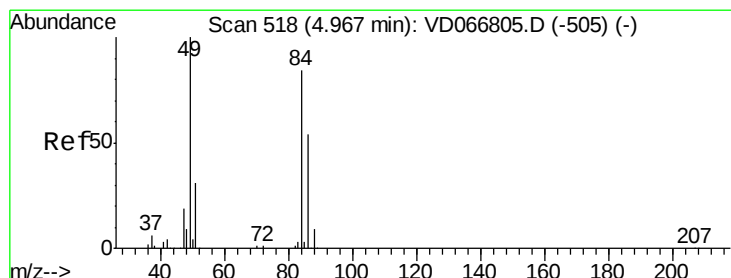
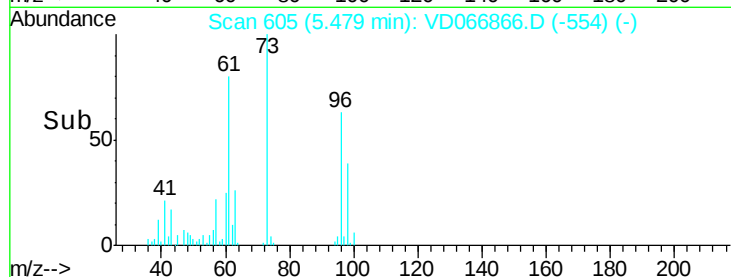
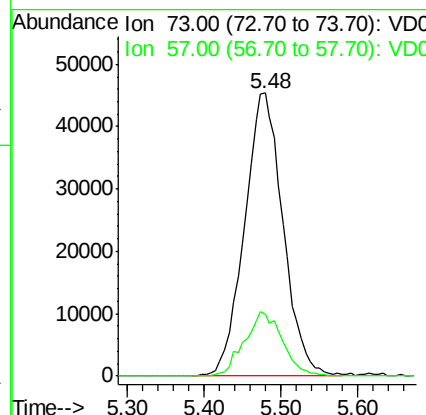
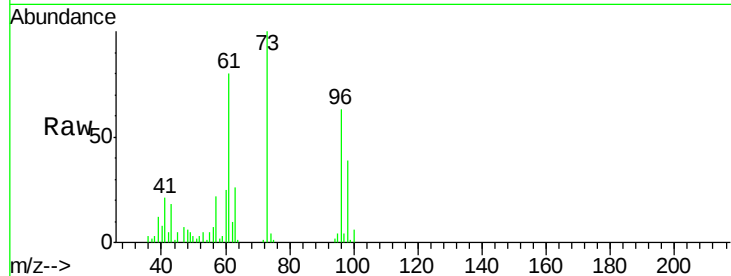




#19
Methyl tert-butyl Ether
Concen: 18.400 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

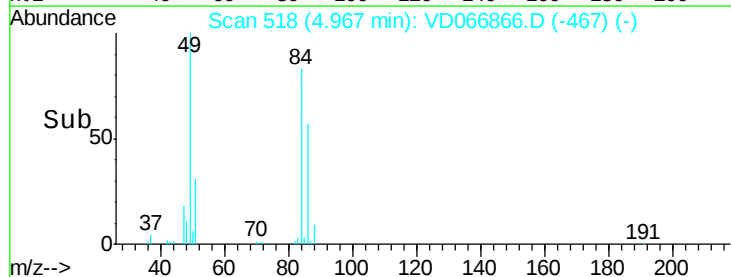
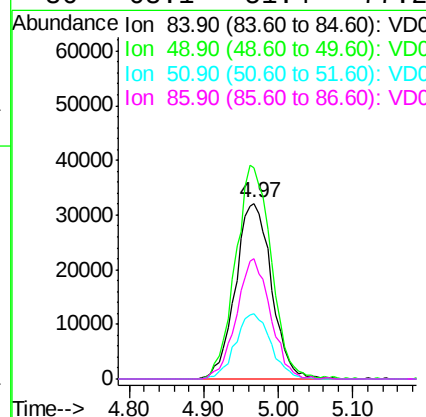
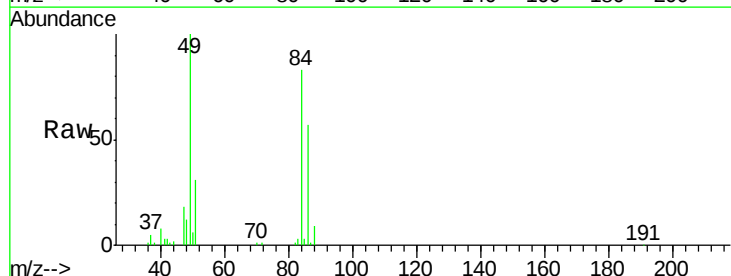
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

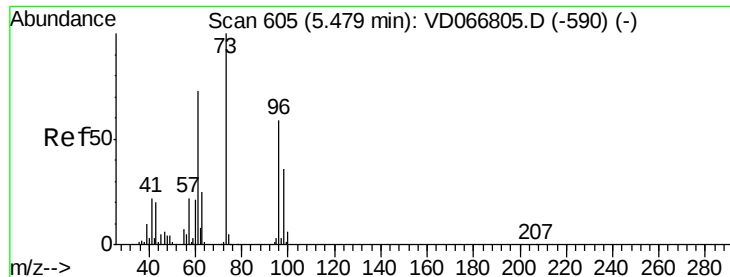
Tgt Ion: 73 Resp: 158878
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 20.240 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 84 Resp: 107859
Ion Ratio Lower Upper
84 100
49 120.0 95.4 143.2
51 37.4 29.7 44.5
86 68.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.021 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

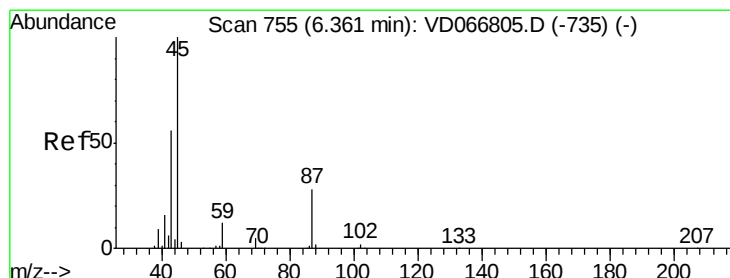
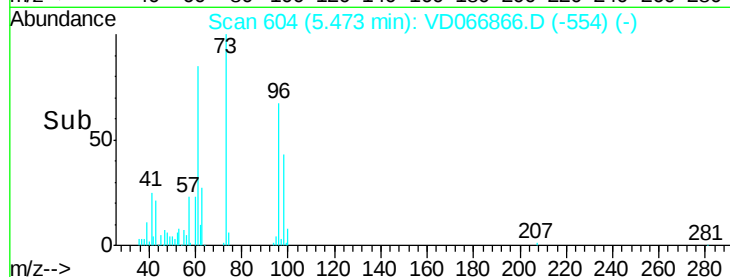
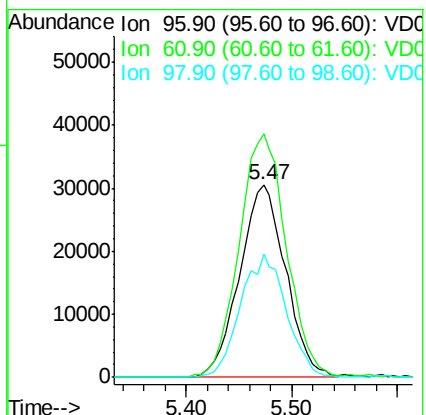
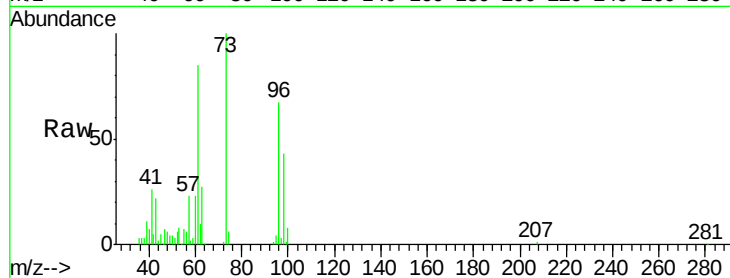
Tgt Ion: 96 Resp: 92174

Ion Ratio Lower Upper

96 100

61 126.4 98.9 148.3

98 63.8 48.4 72.6



#22

Diisopropyl ether

Concen: 19.661 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion: 45 Resp: 236030

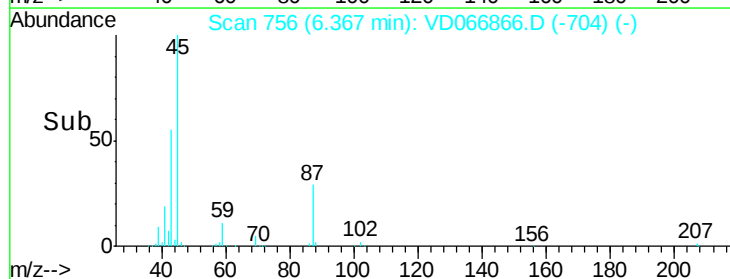
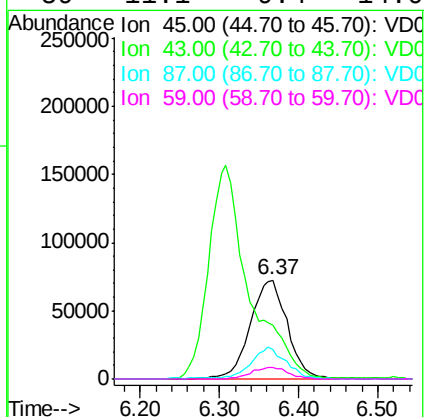
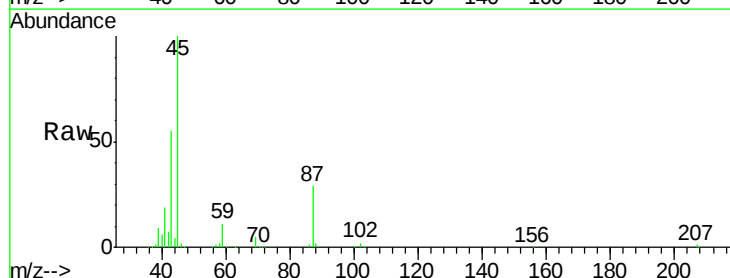
Ion Ratio Lower Upper

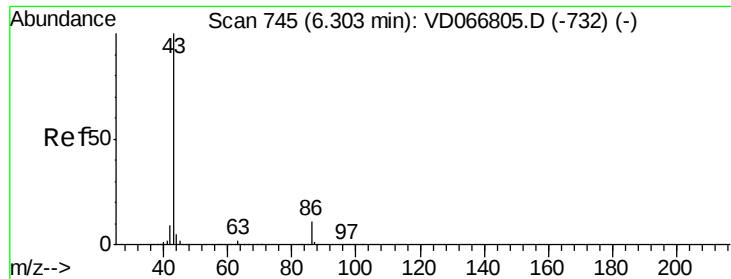
45 100

43 53.9 44.5 66.7

87 29.0 22.9 34.3

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 87.085 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

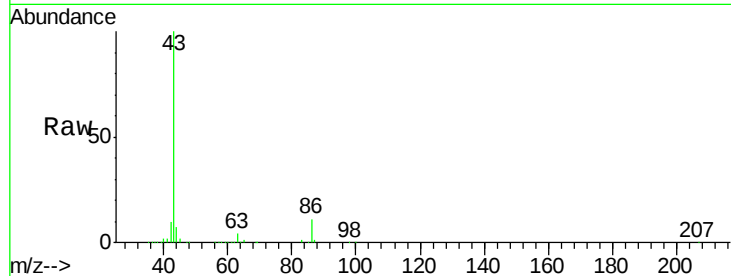
VD0925SBS01

Tgt Ion: 43 Resp: 556129

Ion Ratio Lower Upper

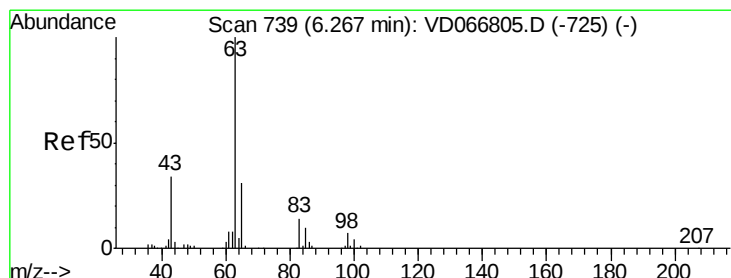
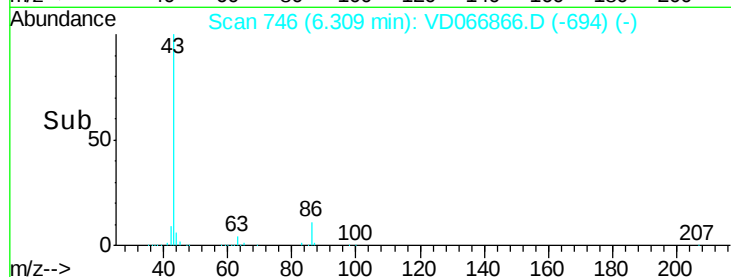
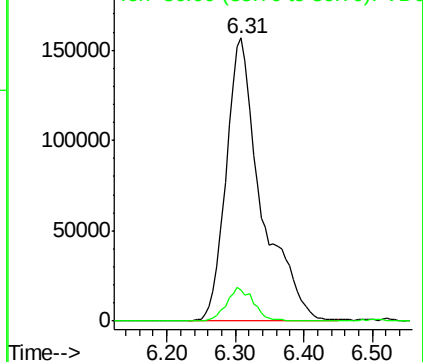
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.634 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

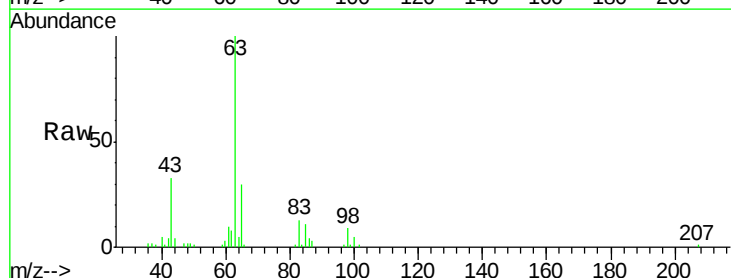
Tgt Ion: 63 Resp: 157679

Ion Ratio Lower Upper

63 100

98 8.6 3.7 11.1

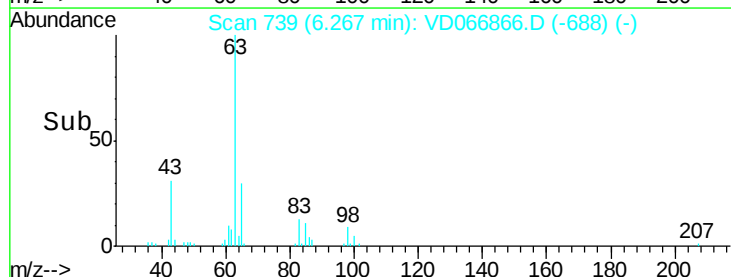
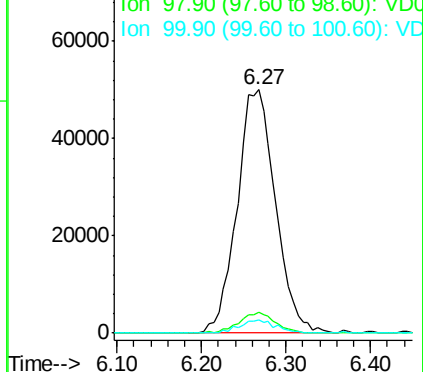
100 5.2 1.8 5.5

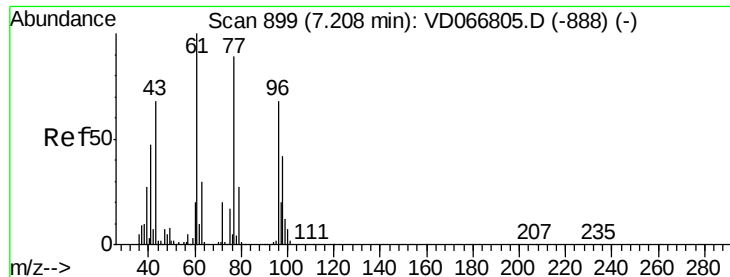


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.925 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

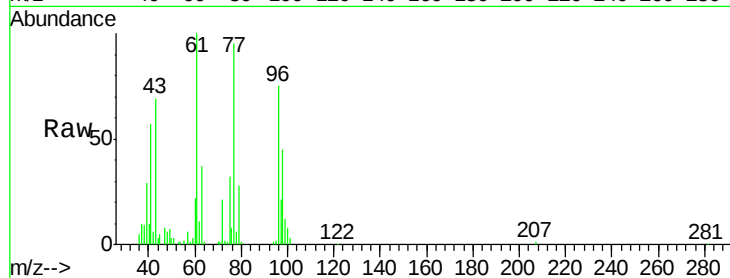
VD0925SBS01

Tgt Ion: 43 Resp: 88069

Ion Ratio Lower Upper

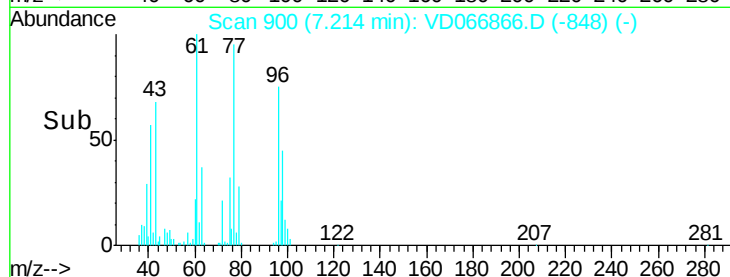
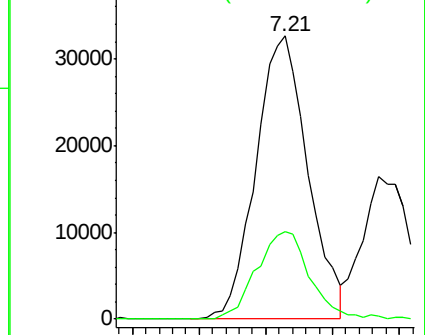
43 100

72 31.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.692 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066866.D

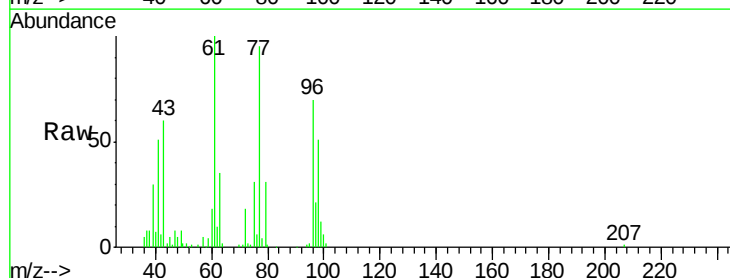
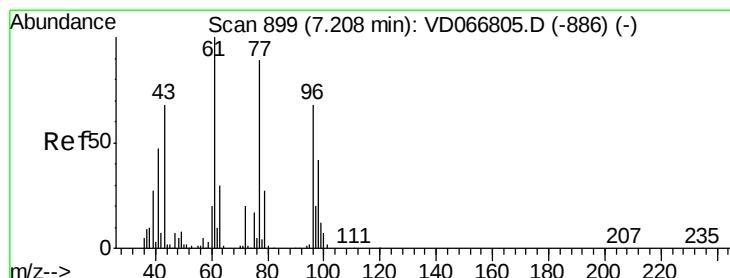
Acq: 25 Sep 2020 11:37

Tgt Ion: 77 Resp: 144952

Ion Ratio Lower Upper

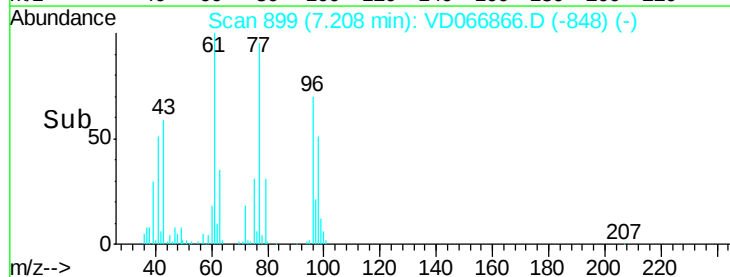
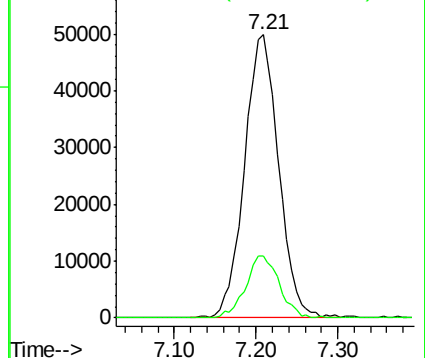
77 100

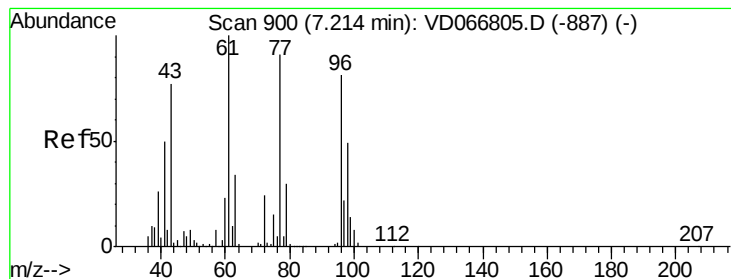
97 21.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 19.828 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

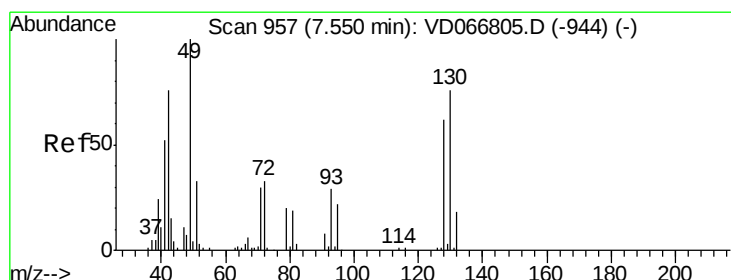
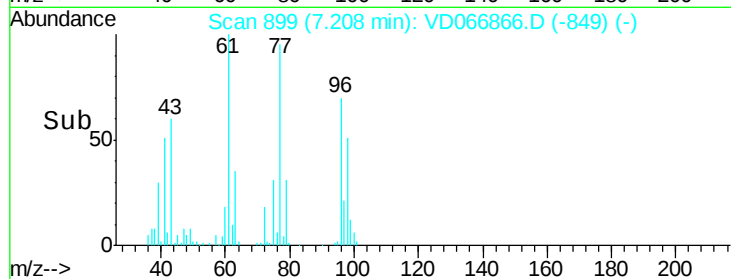
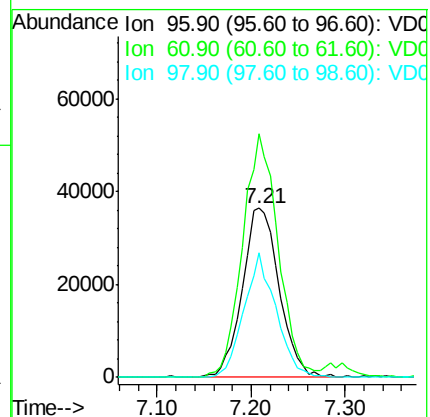
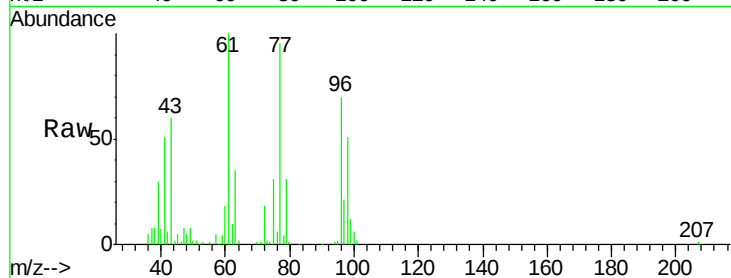
Tgt Ion: 96 Resp: 99187

Ion Ratio Lower Upper

96 100

61 139.0 0.0 283.8

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 19.815 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

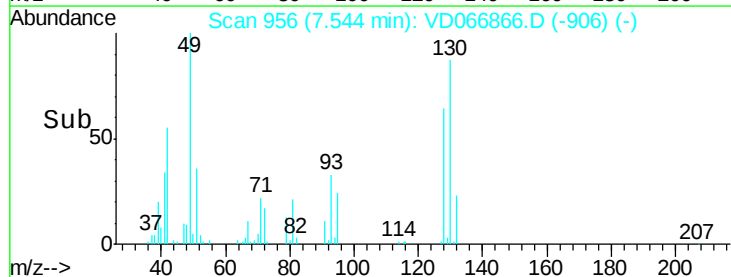
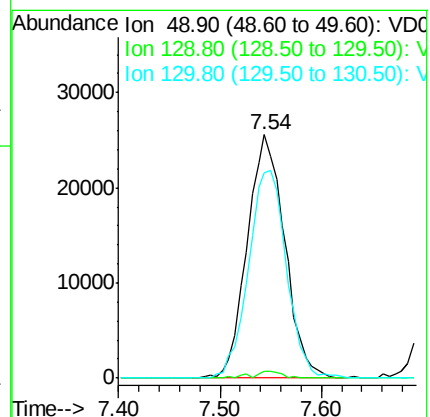
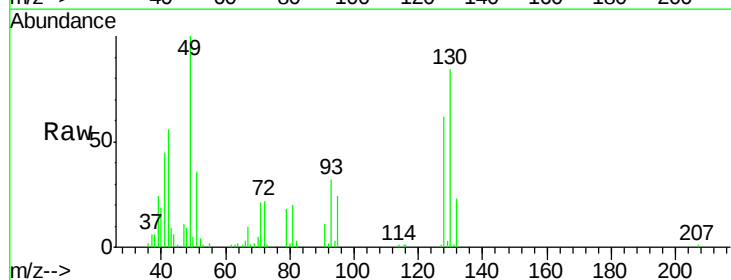
Tgt Ion: 49 Resp: 65743

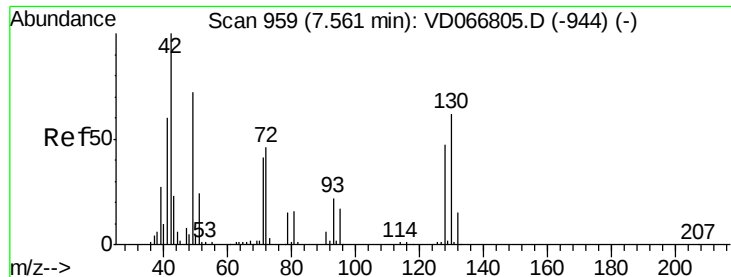
Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.0

130 86.5 65.9 98.9

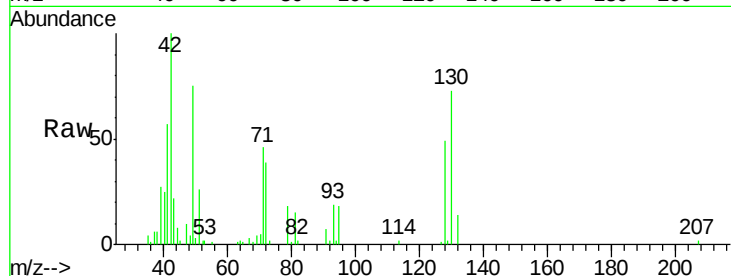




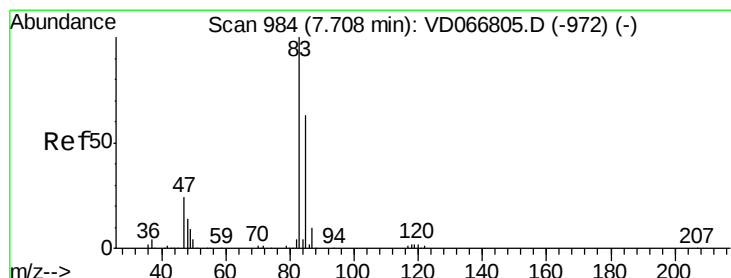
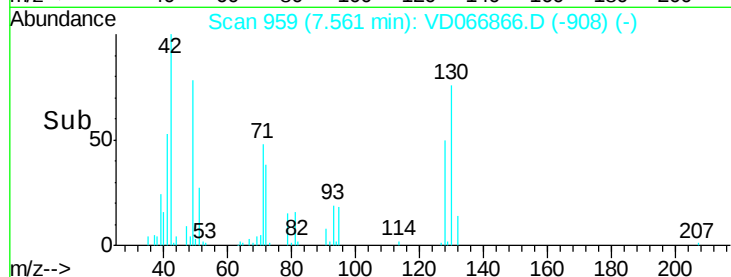
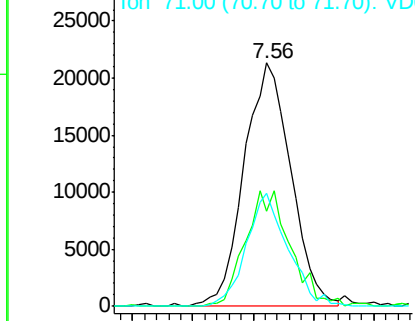
#29
Tetrahydrofuran
Concen: 88.539 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tgt Ion: 42 Resp: 57478
Ion Ratio Lower Upper
42 100
72 45.6 36.2 54.4
71 41.3 32.4 48.6

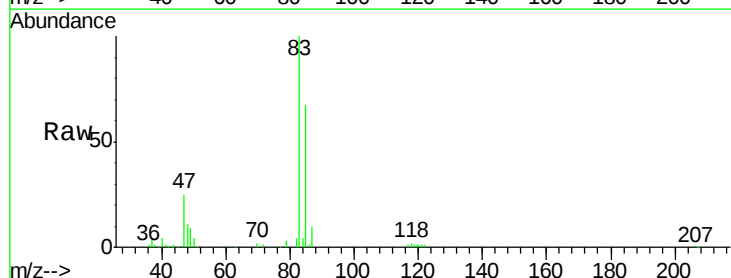


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

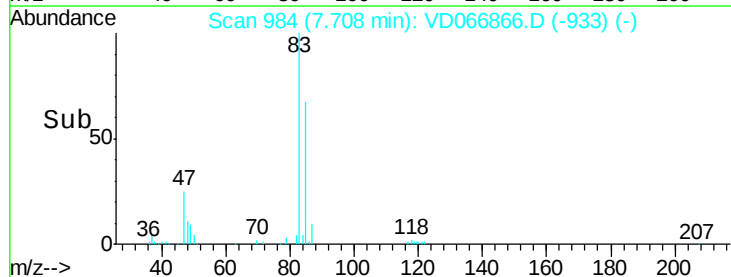
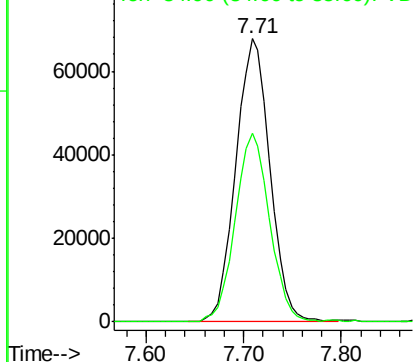


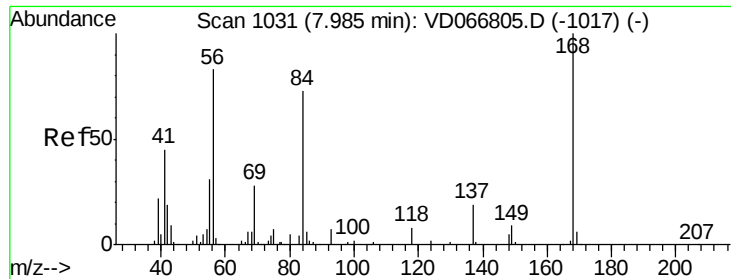
#30
Chloroform
Concen: 19.192 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 83 Resp: 166144
Ion Ratio Lower Upper
83 100
85 66.7 50.6 75.8



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

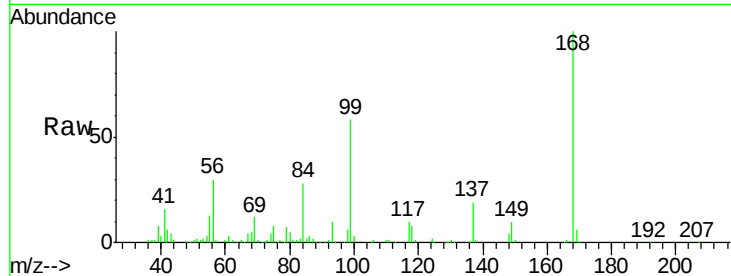




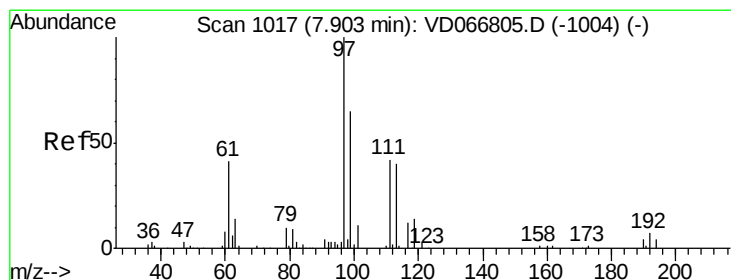
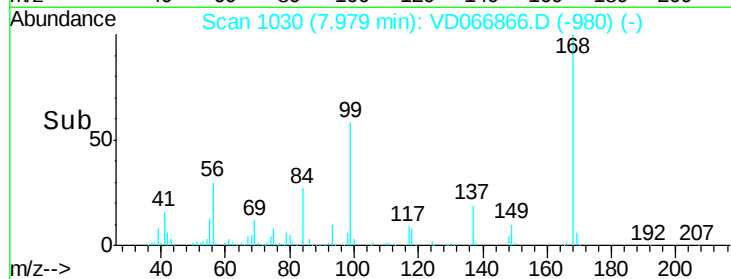
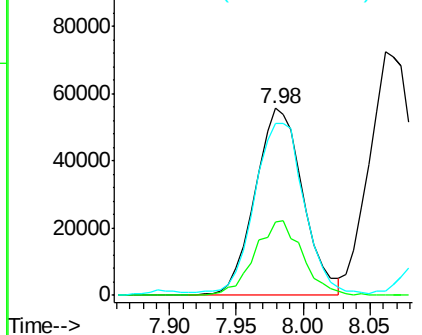
#31
Cyclohexane
Concen: 19.189 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tgt Ion: 56 Resp: 138664
Ion Ratio Lower Upper
56 100
69 39.1 27.0 40.4
84 91.1 70.2 105.4

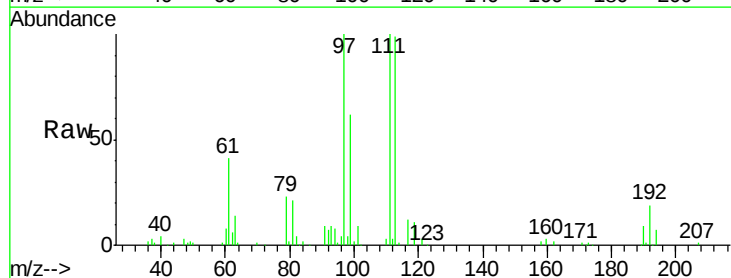


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

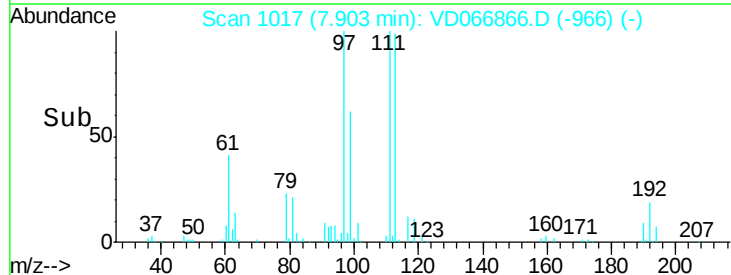
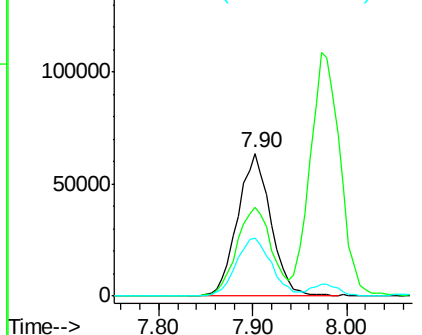


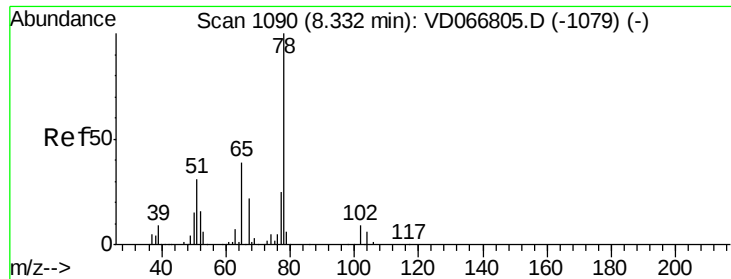
#32
1,1,1-Trichloroethane
Concen: 19.907 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 97 Resp: 155894
Ion Ratio Lower Upper
97 100
99 65.4 51.5 77.3
61 43.3 34.2 51.4



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

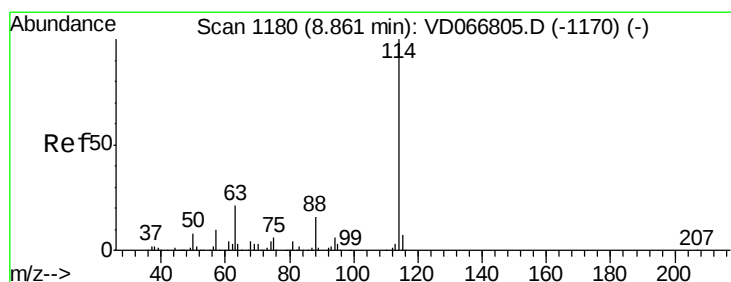
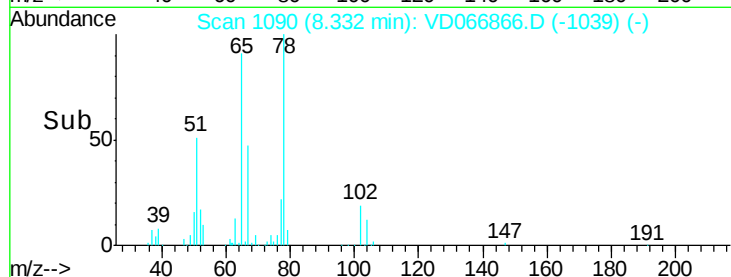
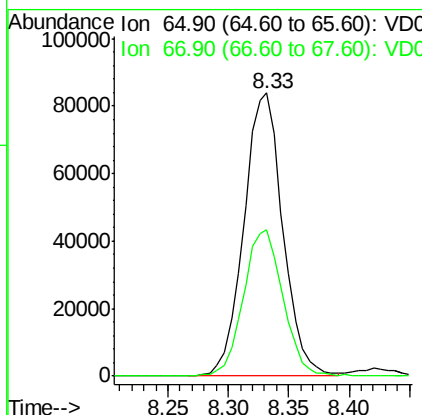
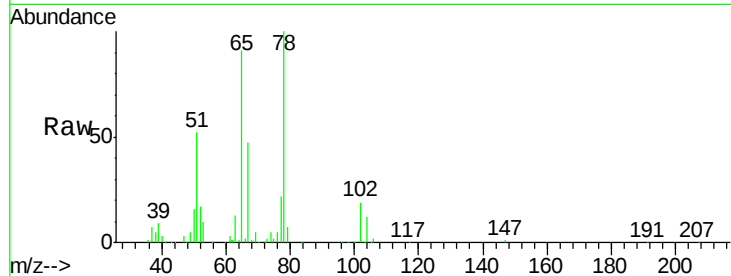




#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

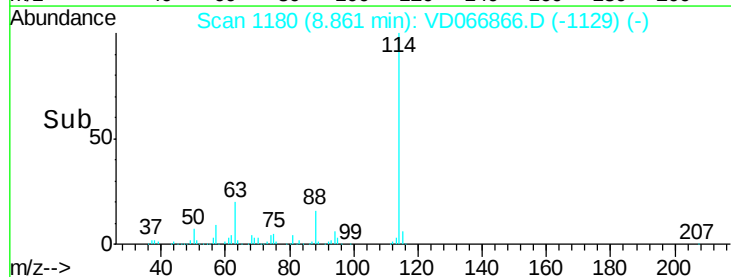
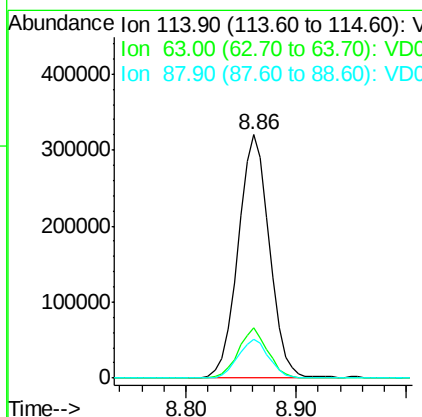
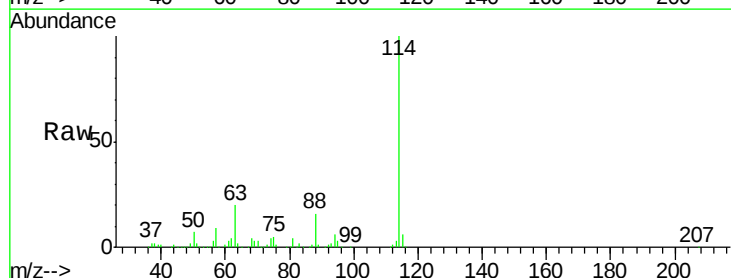
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

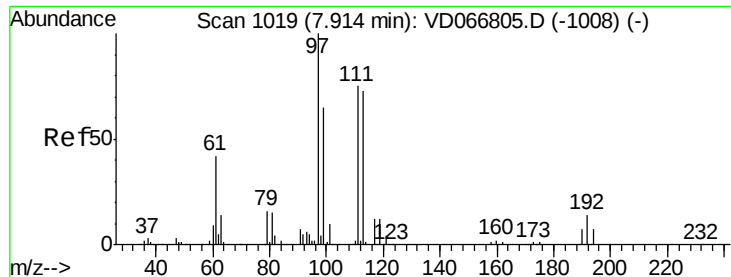
Tgt Ion: 65 Resp: 188157
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 114 Resp: 637752
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 16.2 0.0 32.6

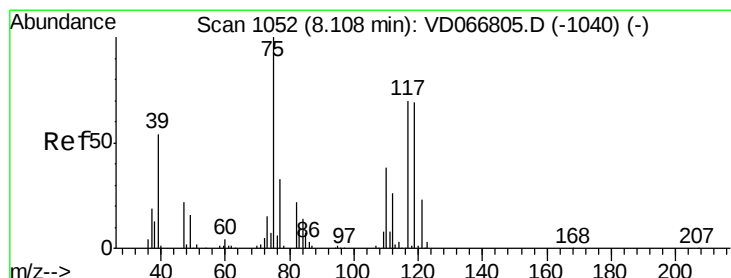
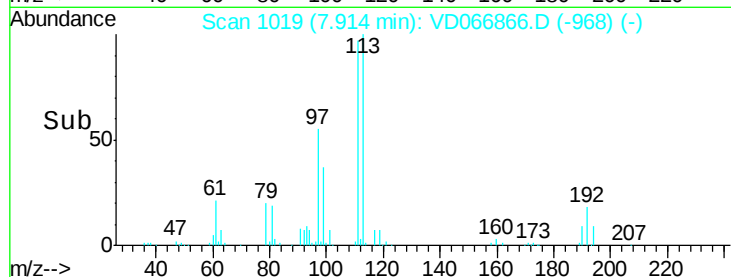
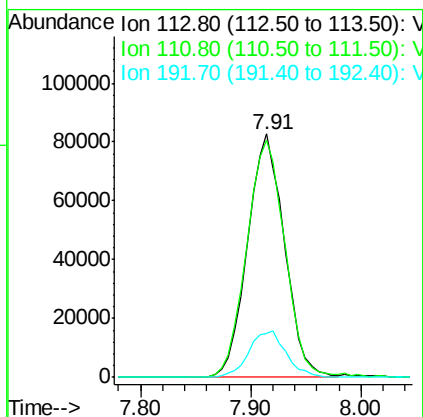
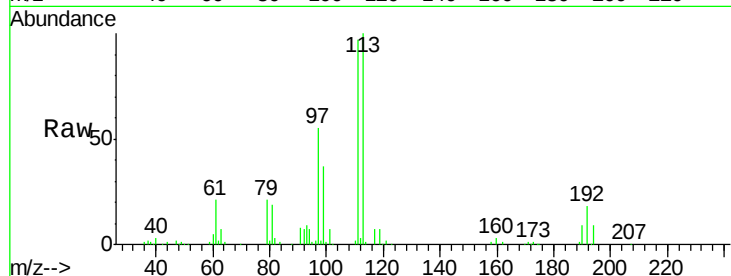




#35
 Dibromofluoromethane
 Concen: 48.014 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

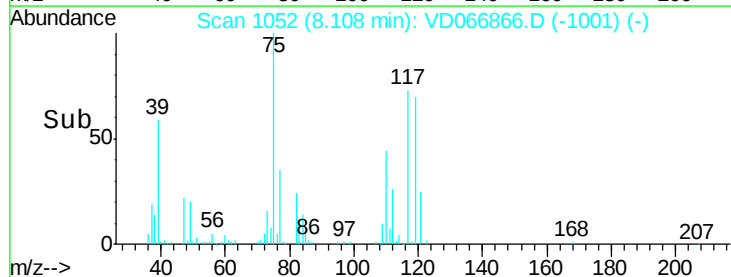
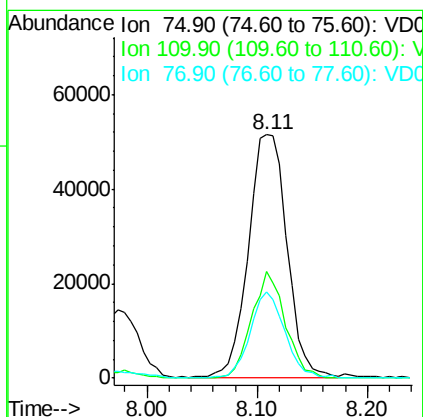
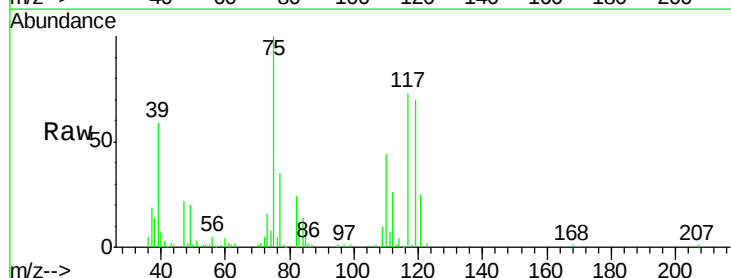
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

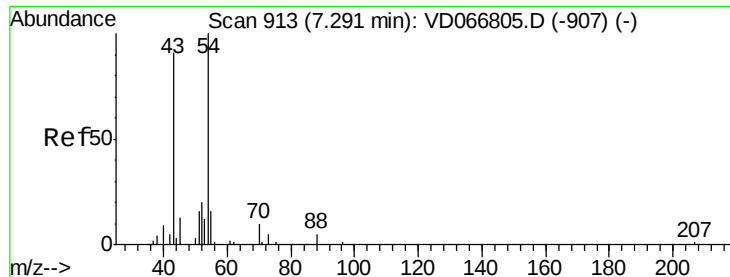
Tgt Ion: 113 Resp: 194810
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.8 122.8
 192 19.2 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 19.872 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 75 Resp: 125730
 Ion Ratio Lower Upper
 75 100
 110 38.4 17.9 53.8
 77 32.0 25.0 37.6

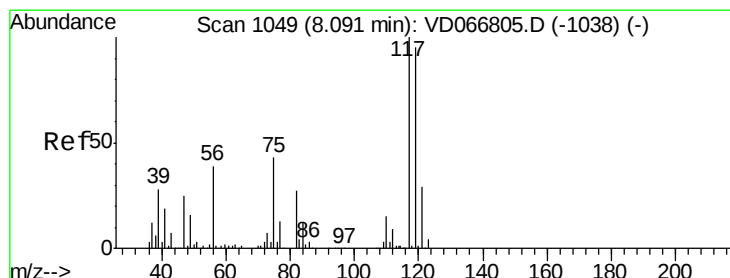
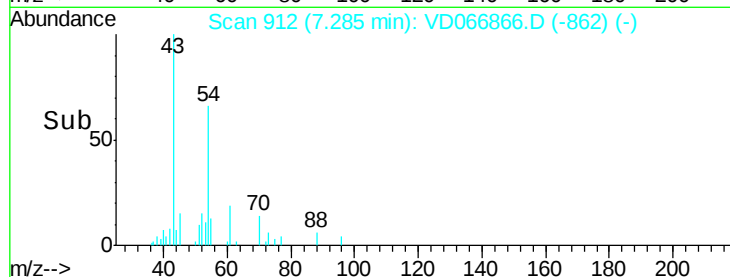
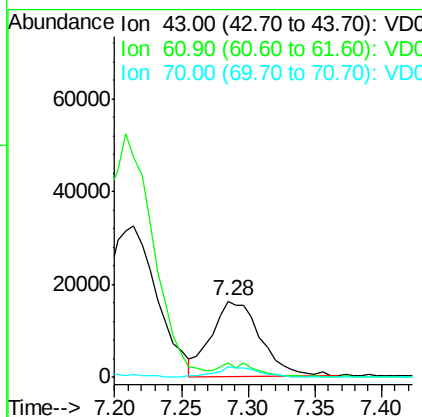
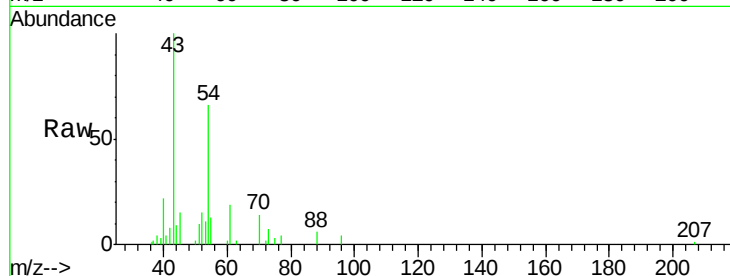




#37
Ethyl Acetate
Concen: 18.105 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

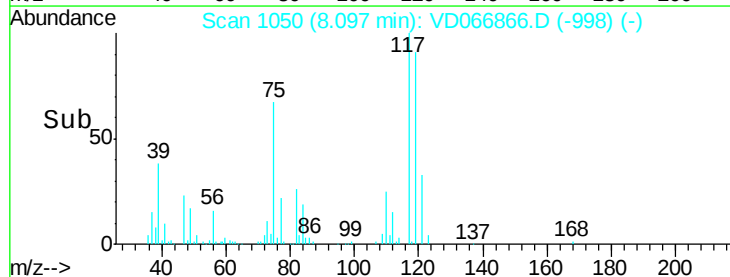
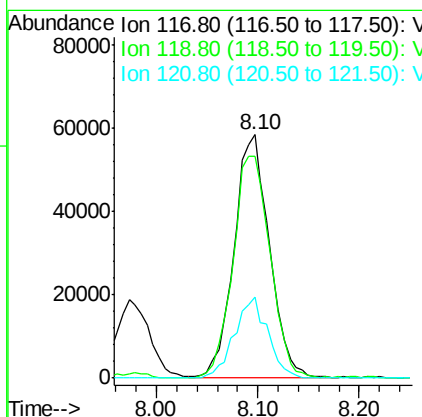
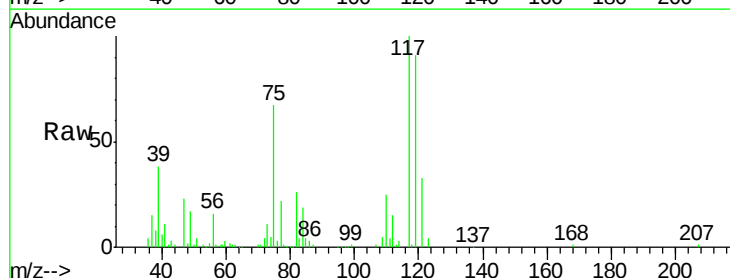
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

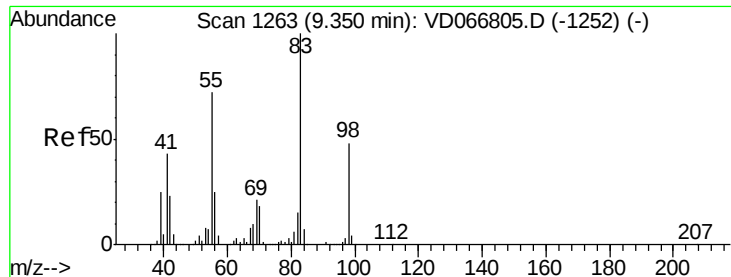
Tgt Ion: 43 Resp: 41410
Ion Ratio Lower Upper
43 100
61 14.4 9.8 14.8
70 12.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.575 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 117 Resp: 142320
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.8
121 33.2 23.4 35.0

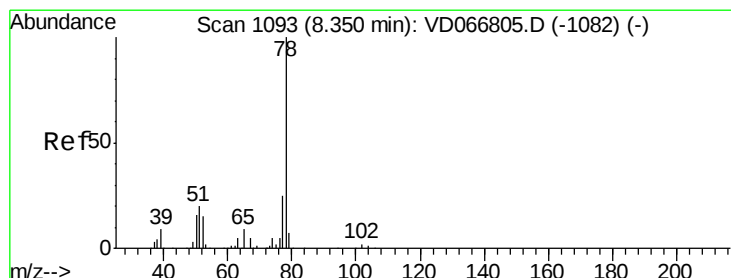
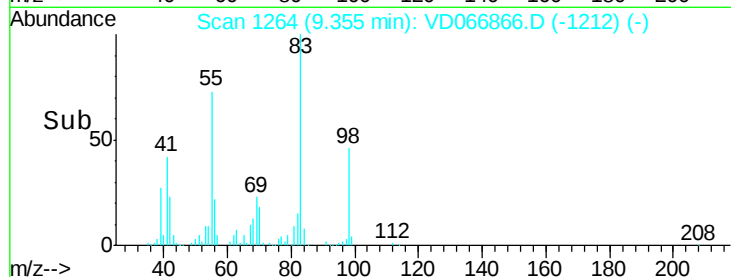
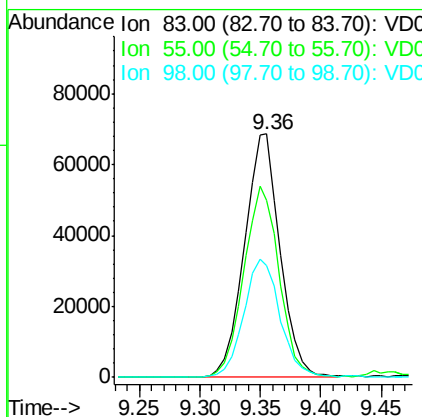
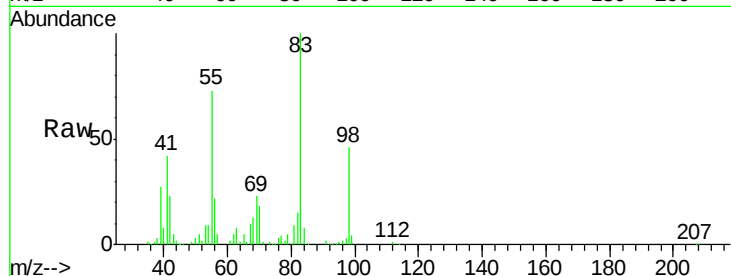




#39
Methylcyclohexane
Concen: 19.475 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

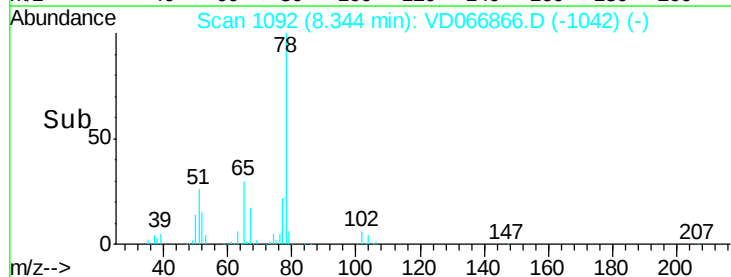
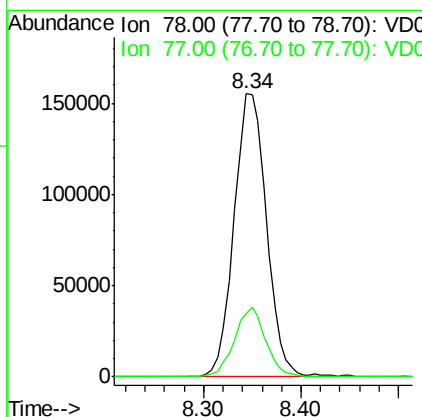
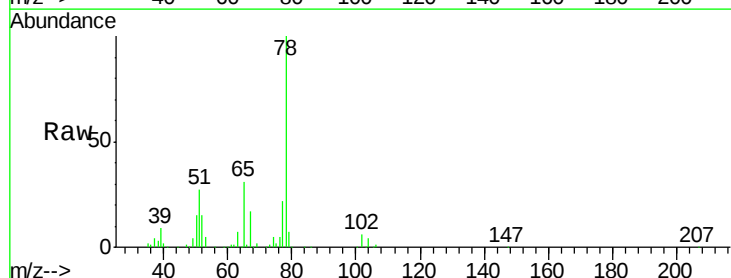
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

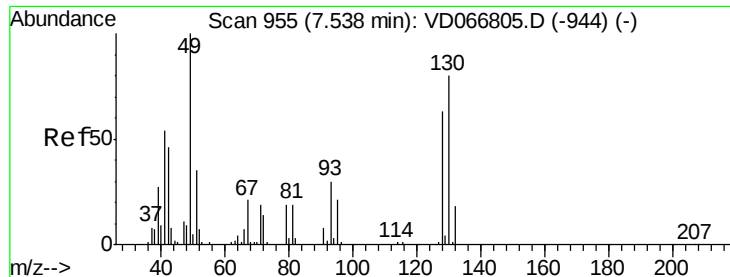
Tgt Ion: 83 Resp: 141475
Ion Ratio Lower Upper
83 100
55 72.8 57.7 86.5
98 46.1 38.4 57.6



#40
Benzene
Concen: 20.312 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 78 Resp: 358177
Ion Ratio Lower Upper
78 100
77 22.2 19.9 29.9





#41

Methacrylonitrile

Concen: 43.223 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.02 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tgt Ion: 41 Resp: 60797

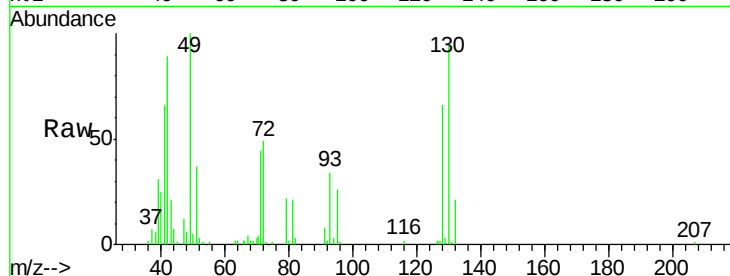
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

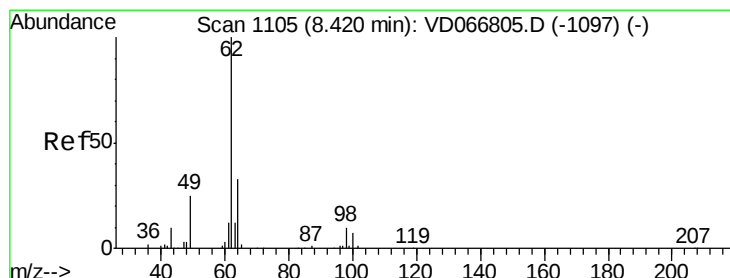
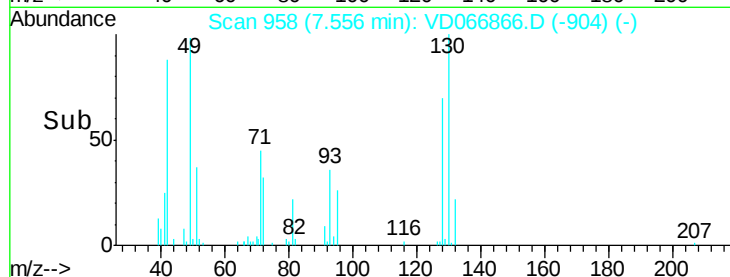
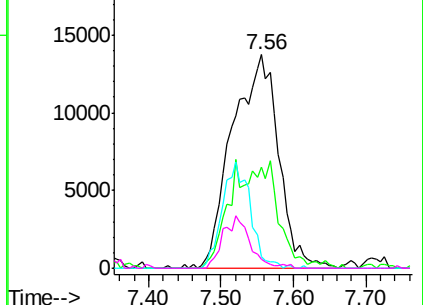


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.636 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066866.D

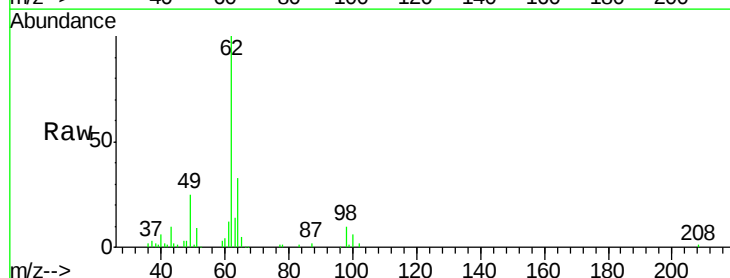
Acq: 25 Sep 2020 11:37

Tgt Ion: 62 Resp: 102362

Ion Ratio Lower Upper

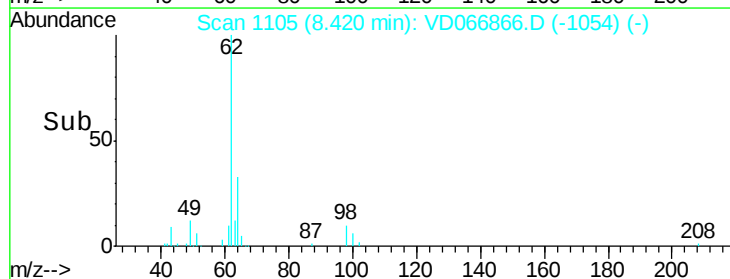
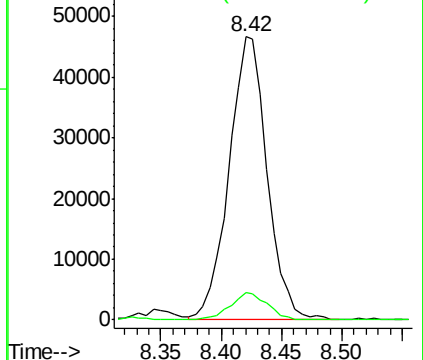
62 100

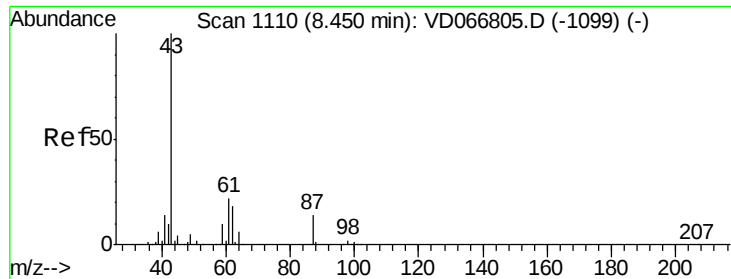
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

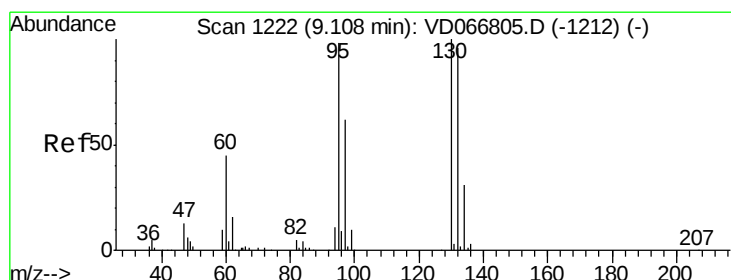
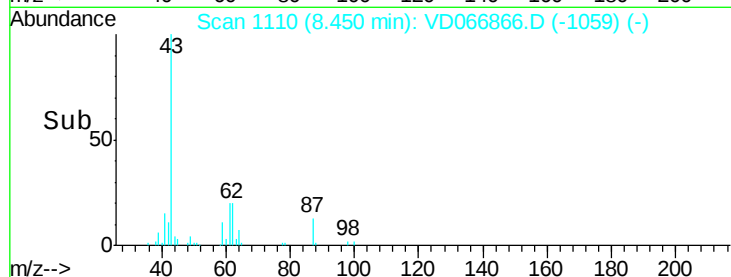
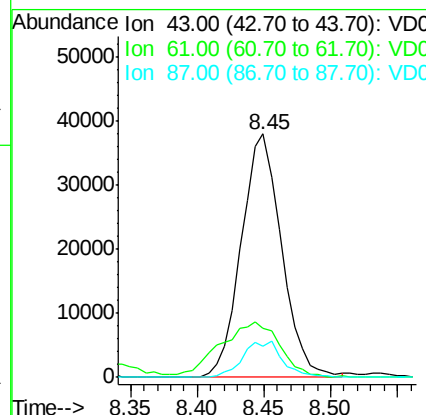
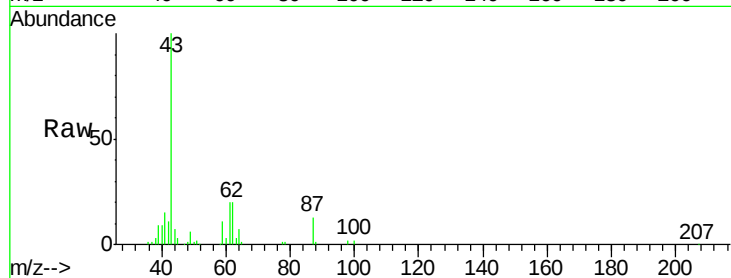




#43
Isopropyl Acetate
Concen: 18.041 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

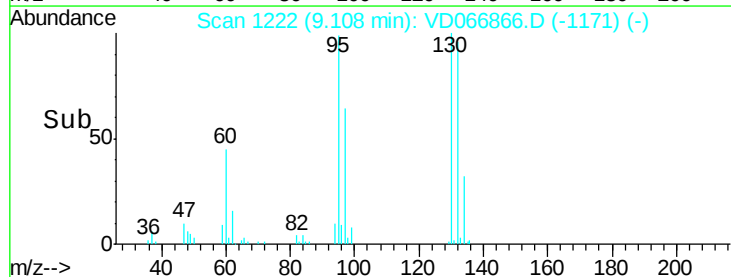
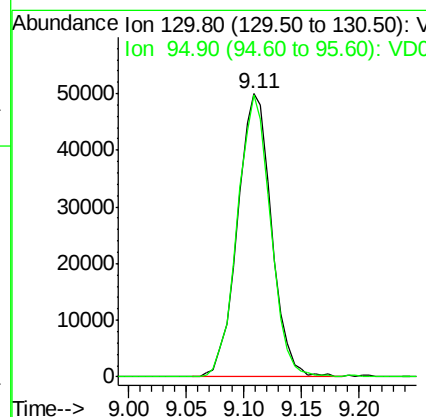
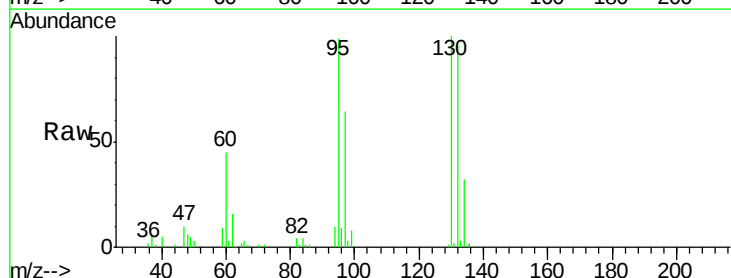
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

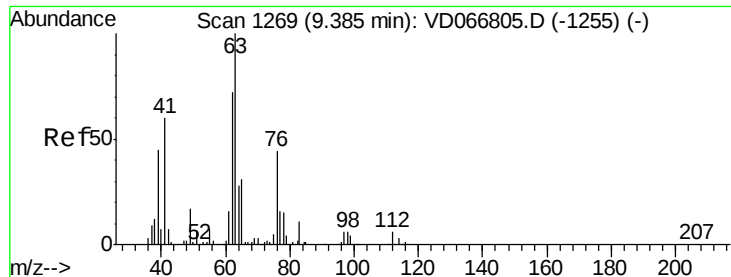
Tgt Ion: 43 Resp: 79555
Ion Ratio Lower Upper
43 100
61 33.7 26.2 39.4
87 14.7 11.5 17.3



#44
Trichloroethene
Concen: 20.239 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 130 Resp: 101724
Ion Ratio Lower Upper
130 100
95 99.5 0.0 197.0

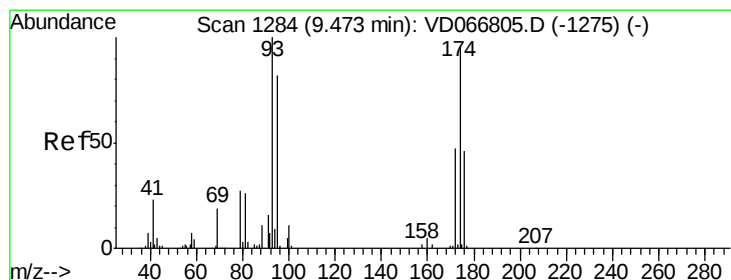
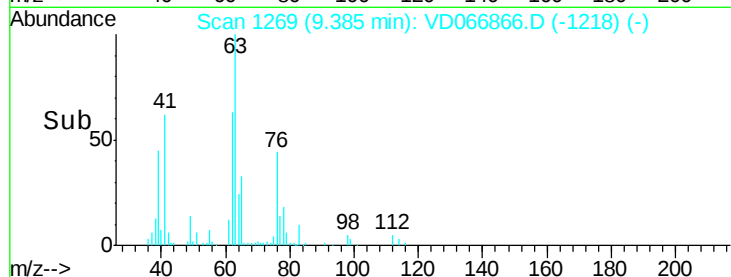
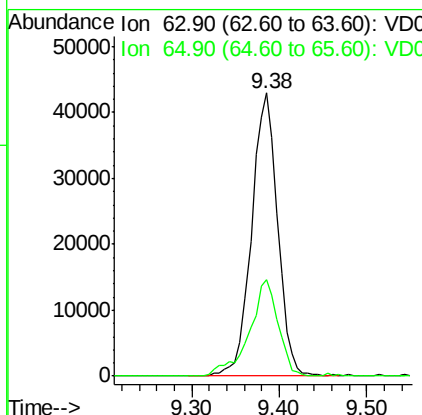
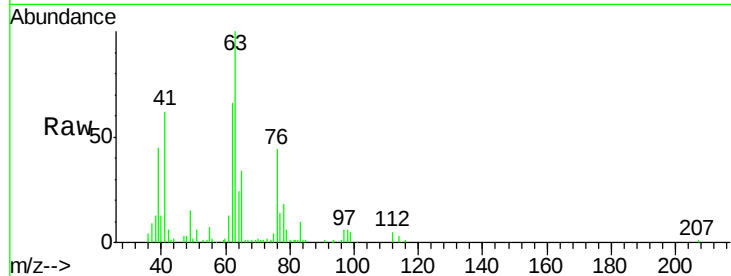




#45
 1,2-Dichloropropane
 Concen: 19.786 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

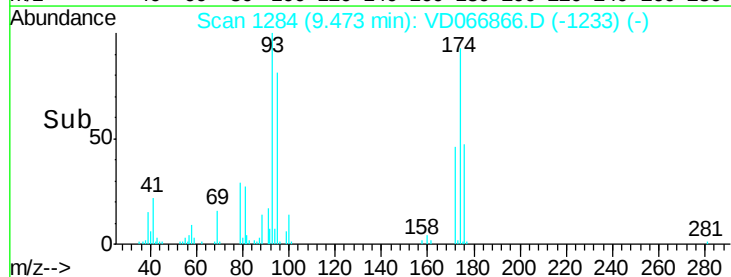
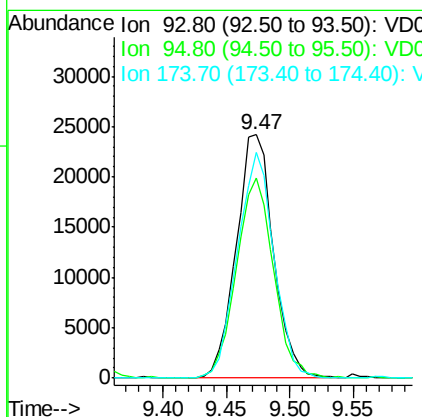
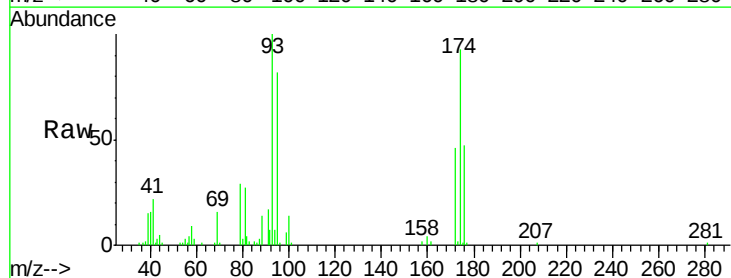
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

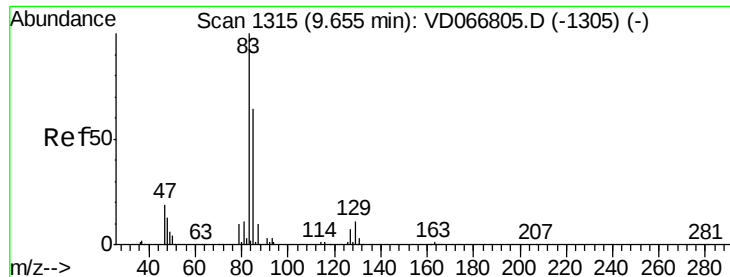
Tgt Ion: 63 Resp: 87781
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.7 37.1



#46
 Dibromomethane
 Concen: 20.549 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 93 Resp: 49534
 Ion Ratio Lower Upper
 93 100
 95 81.6 65.3 97.9
 174 90.4 75.4 113.2





#47

Bromodichloromethane

Concen: 20.193 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

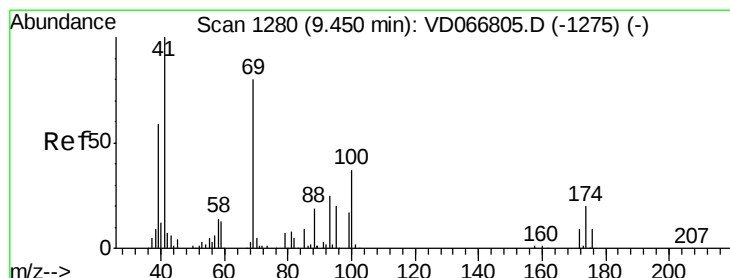
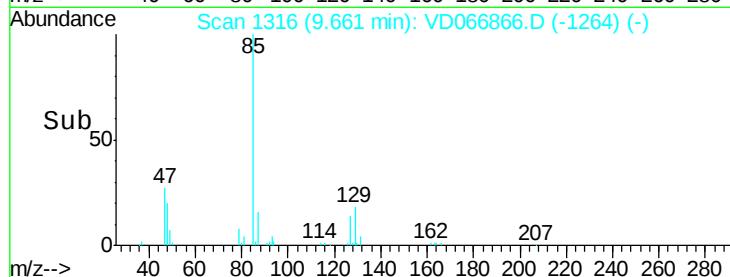
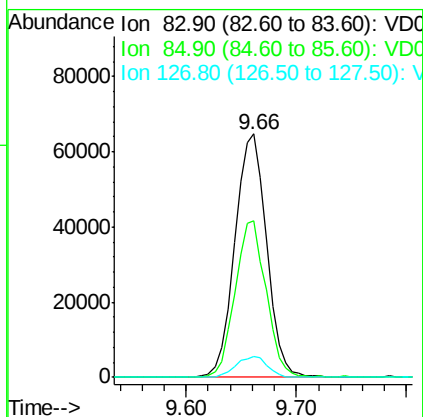
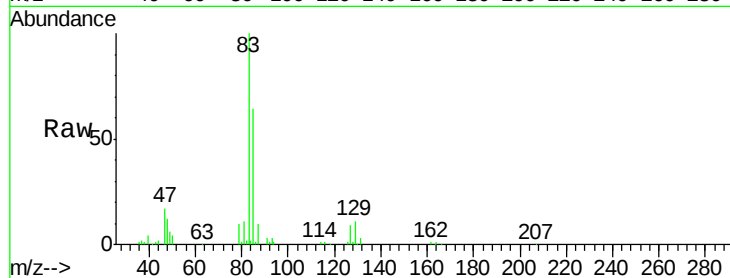
Tgt Ion: 83 Resp: 130755

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

127 8.7 5.9 8.9



#48

Methyl methacrylate

Concen: 19.244 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

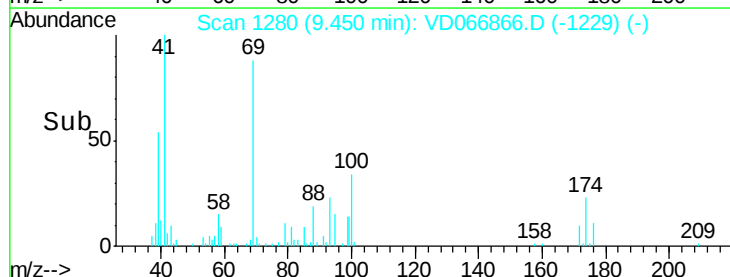
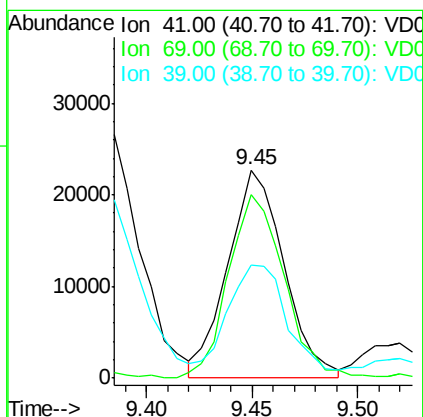
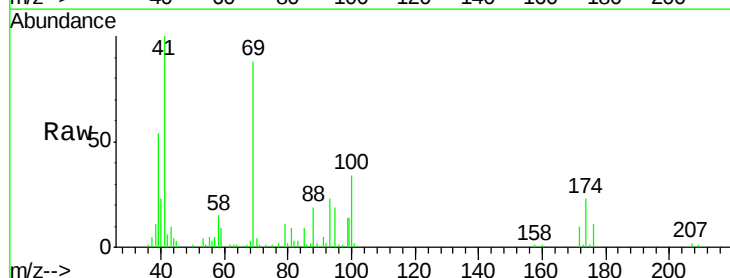
Tgt Ion: 41 Resp: 41841

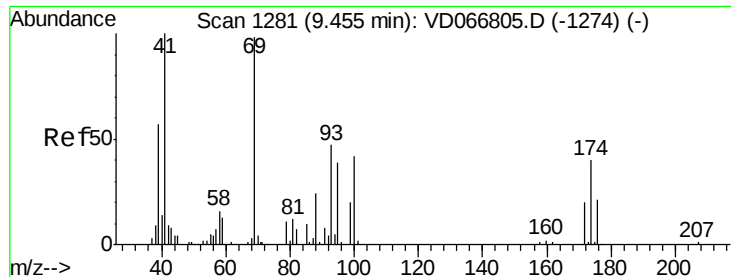
Ion Ratio Lower Upper

41 100

69 87.9 74.5 111.7

39 51.2 47.0 70.6

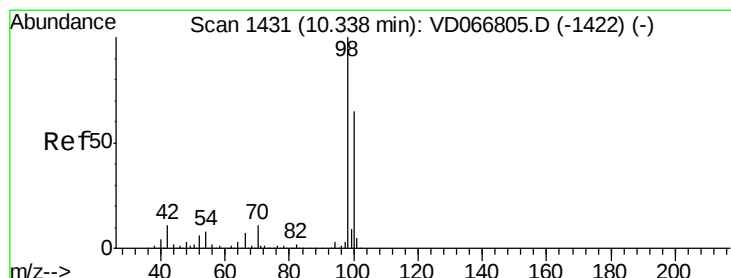
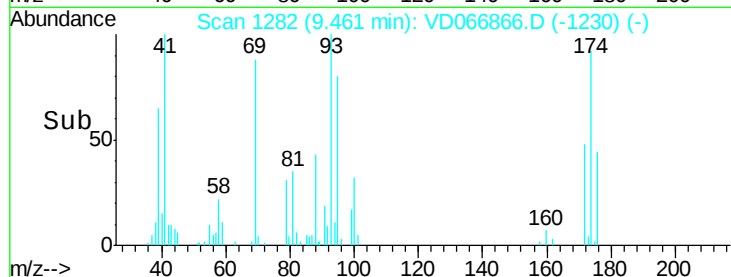
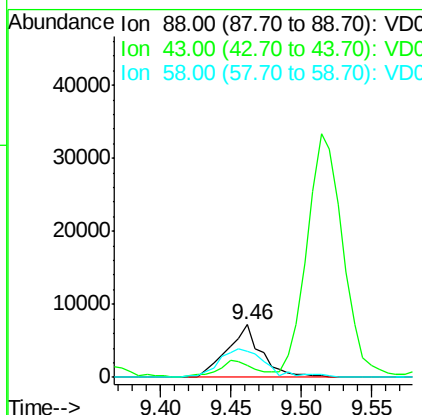
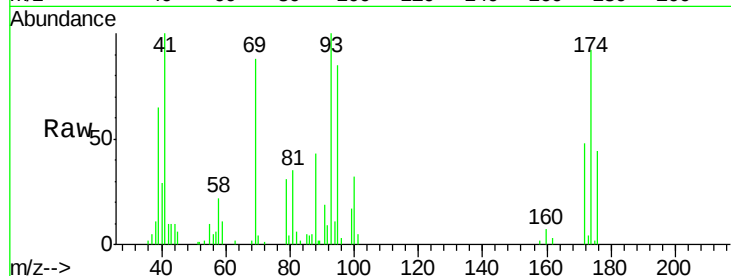




#49
1,4-Dioxane
Concen: 378.882 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

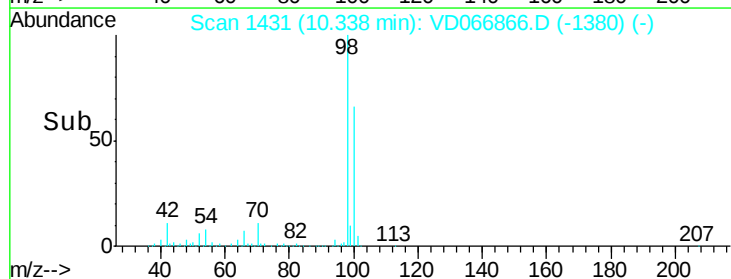
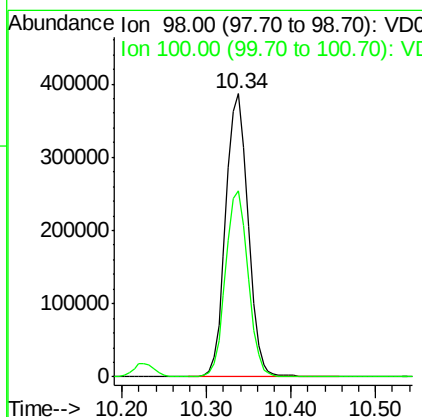
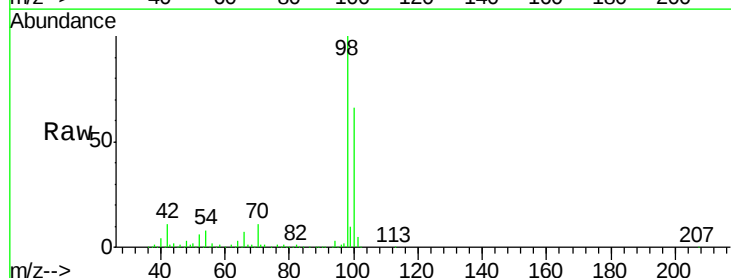
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

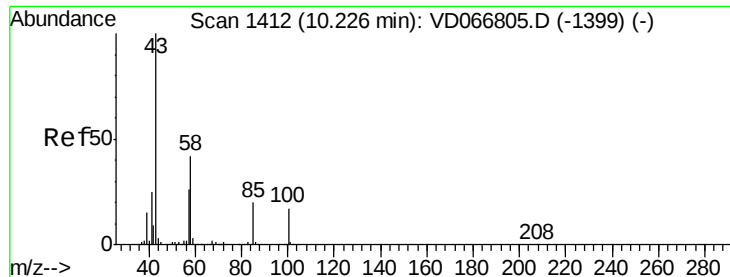
Tgt Ion: 88 Resp: 12119
Ion Ratio Lower Upper
88 100
43 34.2 27.7 41.5
58 72.9 55.5 83.3



#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 98 Resp: 708657
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.2

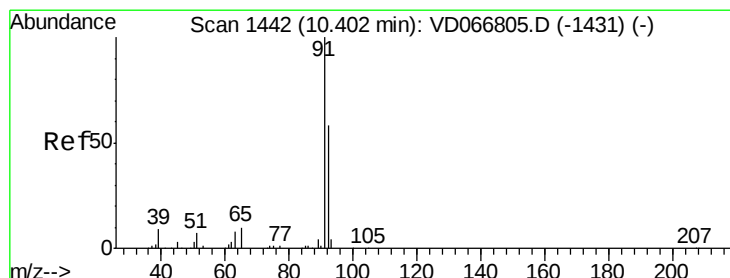
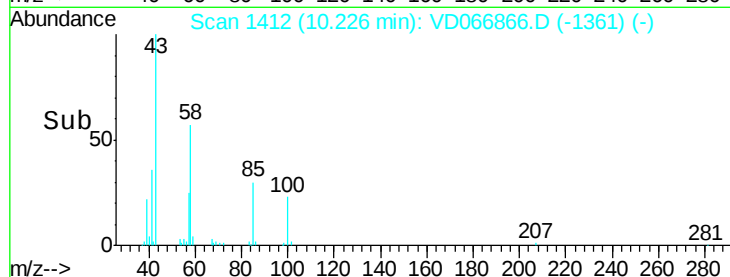
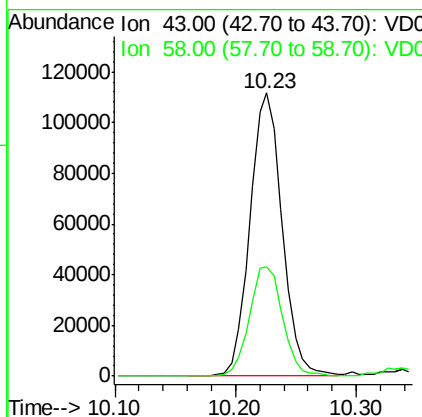
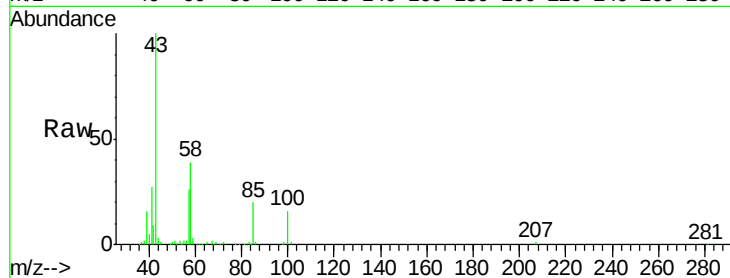




#51
 4-Methyl-2-Pentanone
 Concen: 92.601 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

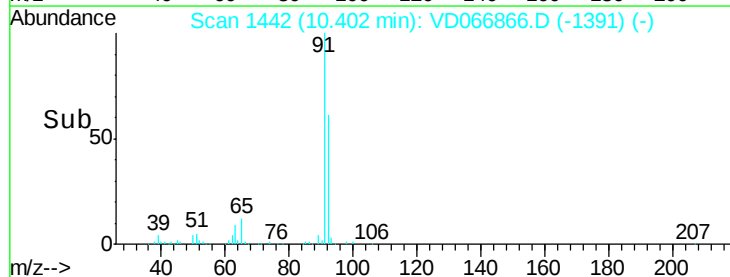
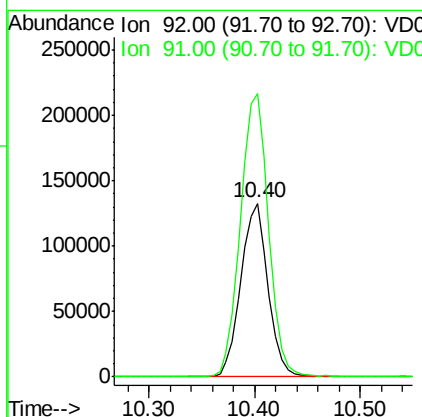
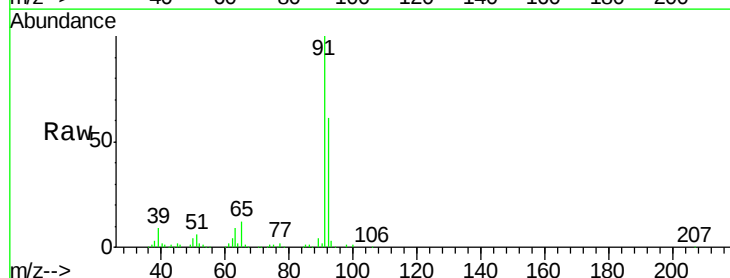
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

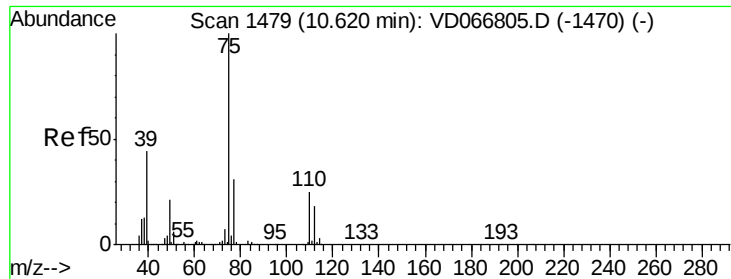
Tgt Ion: 43 Resp: 206912
 Ion Ratio Lower Upper
 43 100
 58 40.1 32.2 48.4



#52
 Toluene
 Concen: 20.764 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 92 Resp: 235845
 Ion Ratio Lower Upper
 92 100
 91 169.4 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 19.244 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

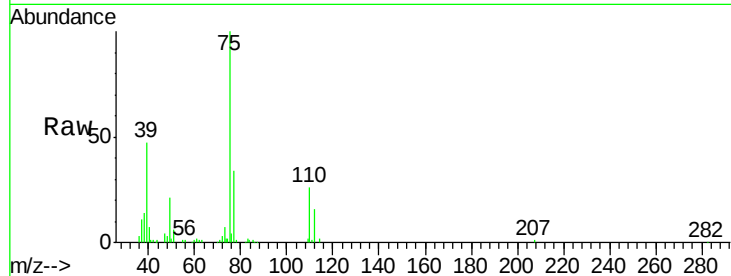
VD0925SBS01

Tgt Ion: 75 Resp: 106064

Ion Ratio Lower Upper

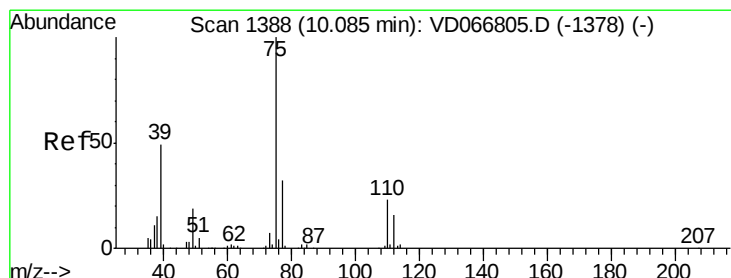
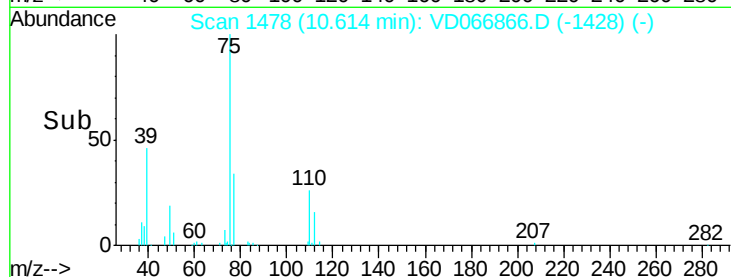
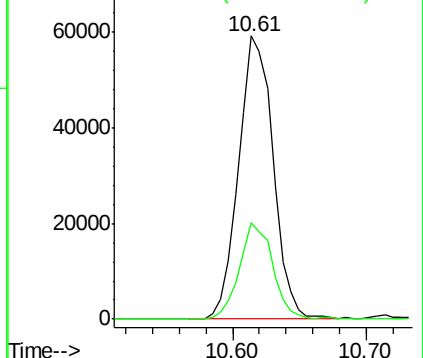
75 100

77 34.1 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC



#54

cis-1,3-Dichloropropene

Concen: 20.023 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

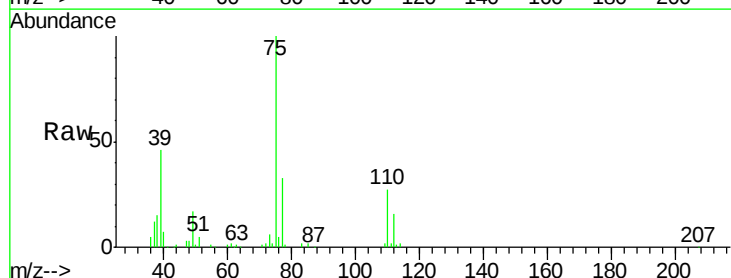
Tgt Ion: 75 Resp: 134558

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4

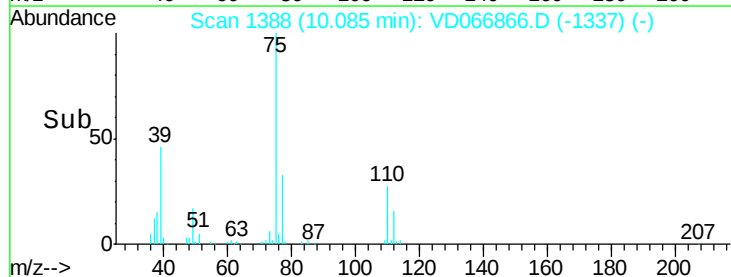
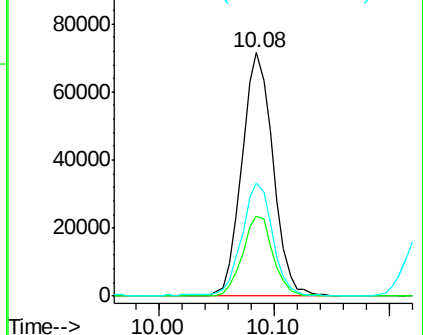
39 46.2 39.2 58.8

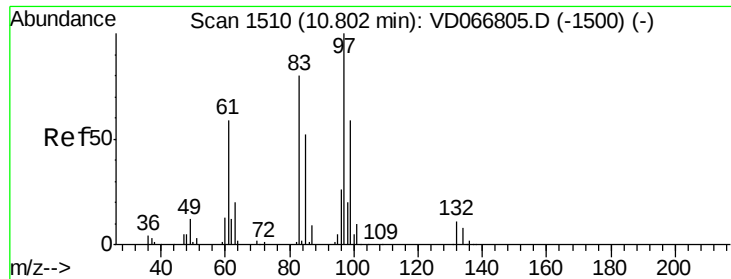


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

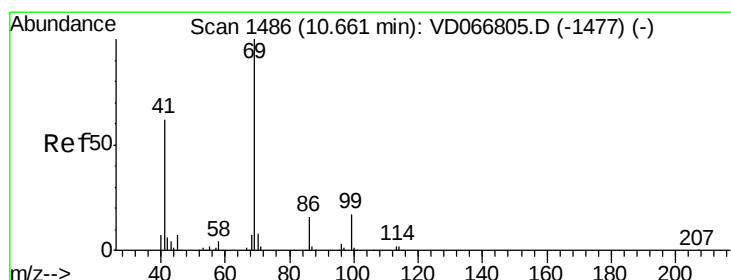
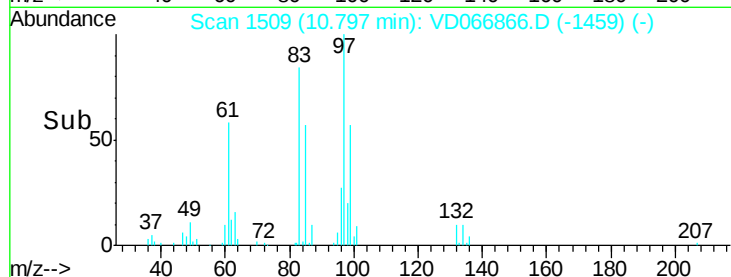
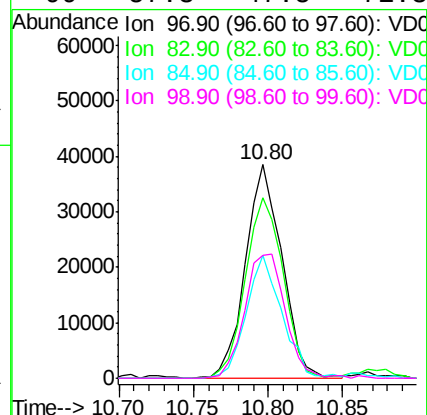
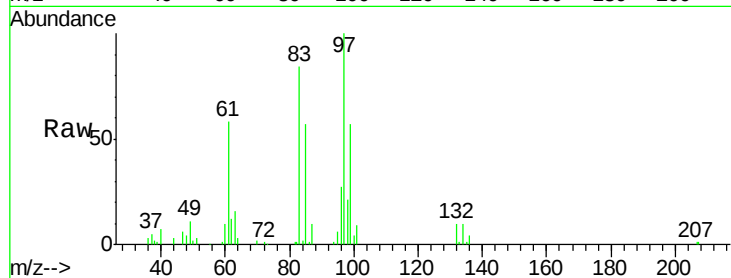




#55
 1,1,2-Trichloroethane
 Concen: 19.677 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

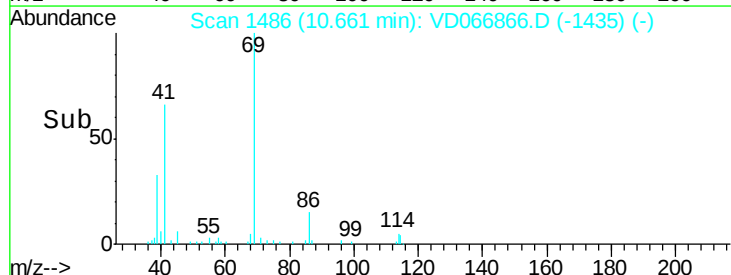
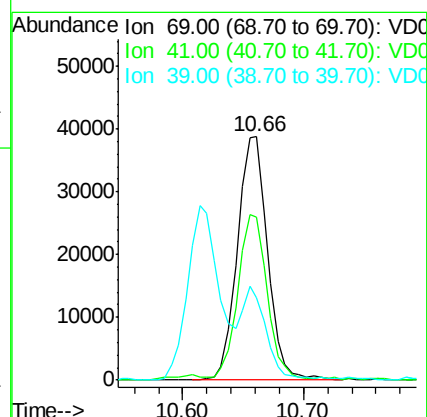
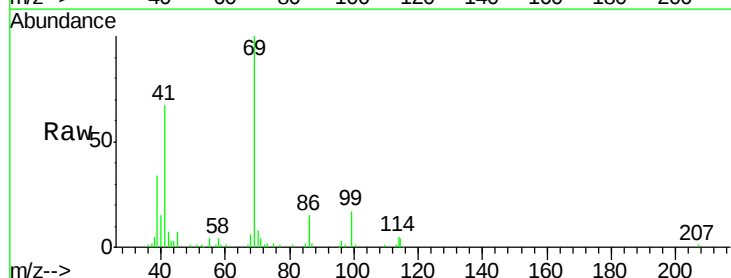
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

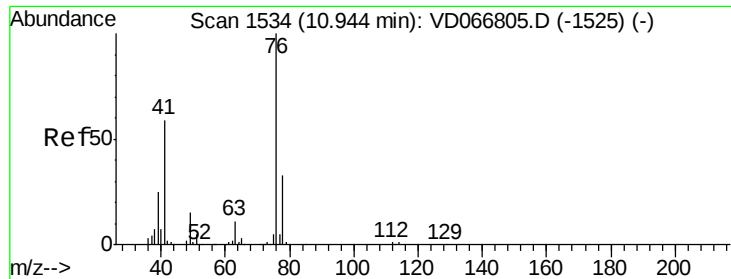
Tgt Ion:	97	Resp:	65205
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.2	96.2
85	57.5	41.9	62.9
99	57.3	47.5	71.3



#56
 Ethyl methacrylate
 Concen: 19.059 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion:	69	Resp:	67660
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	30.0	26.6	40.0

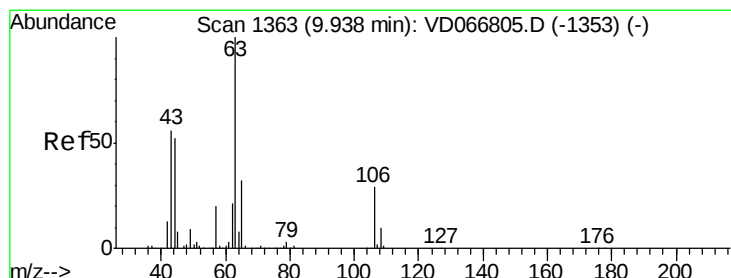
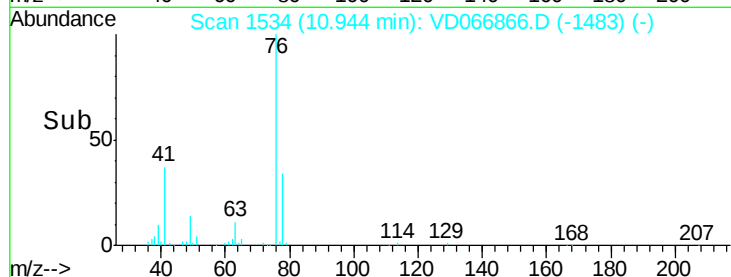
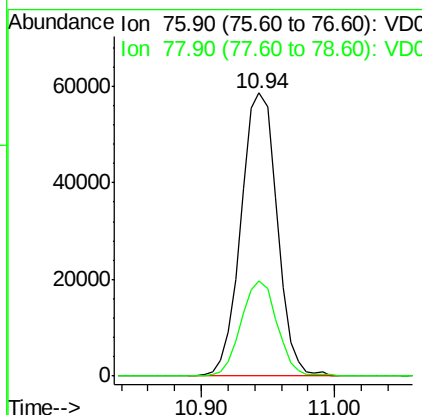
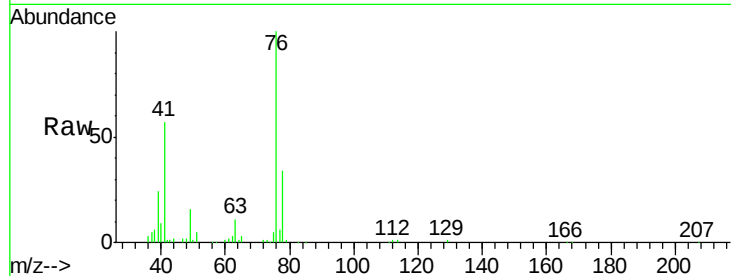




#57
 1,3-Dichloropropane
 Concen: 20.004 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

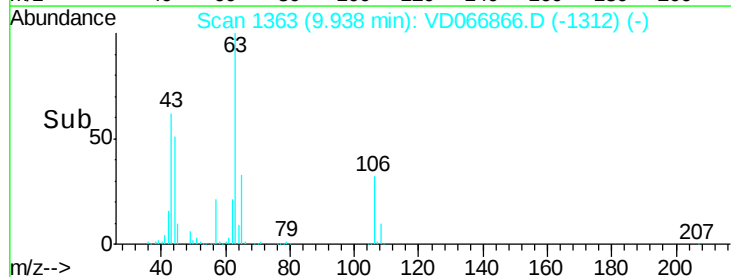
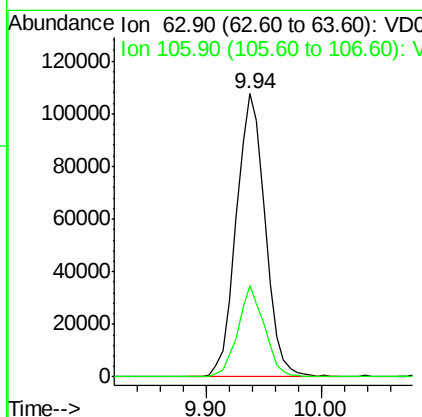
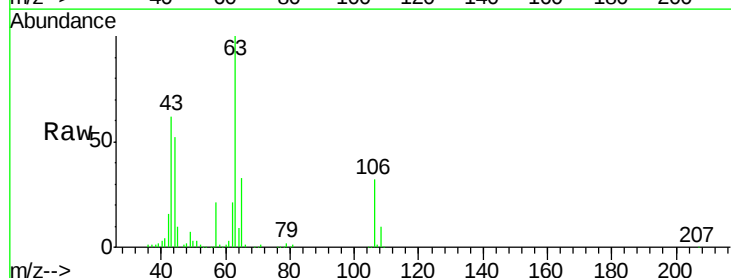
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

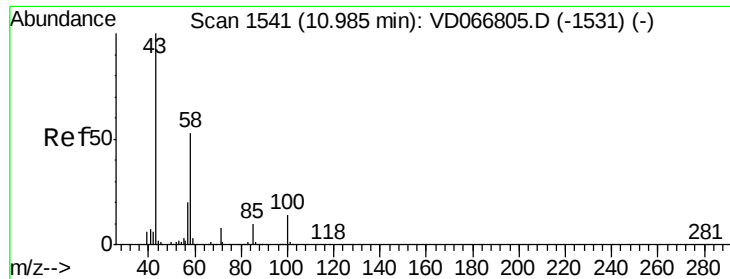
Tgt Ion: 76 Resp: 109458
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.984 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 63 Resp: 186550
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.6

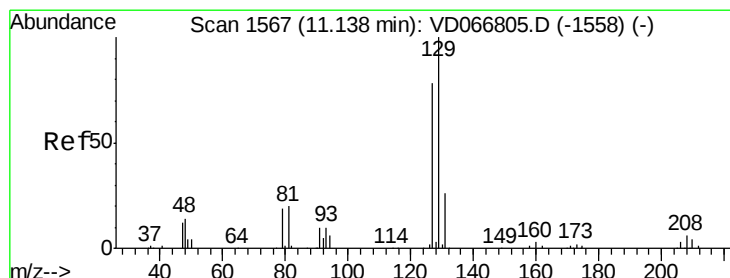
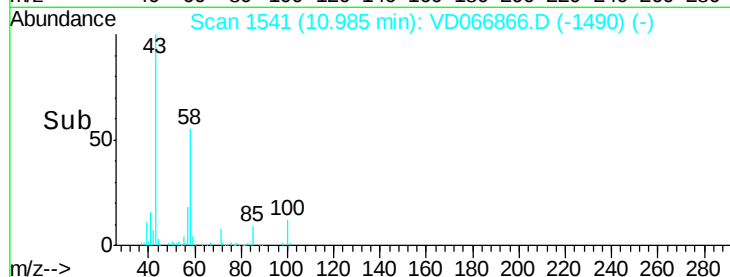
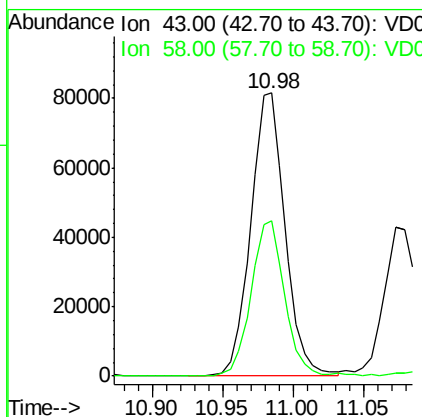
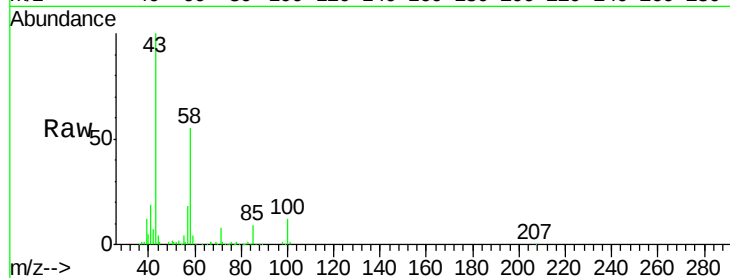




#59
2-Hexanone
Concen: 92.579 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

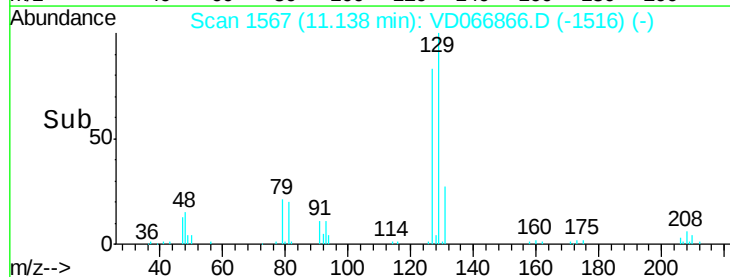
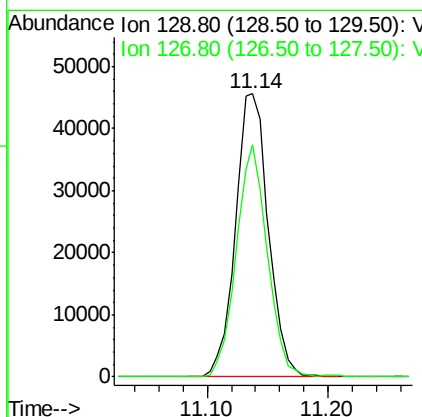
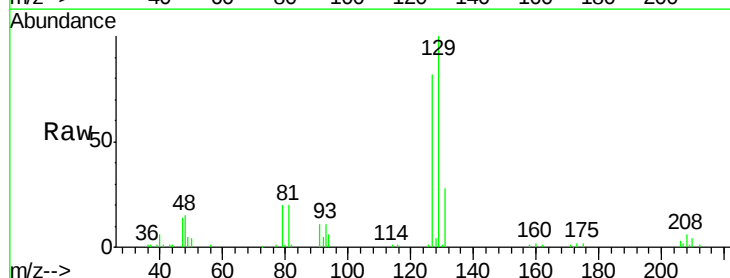
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

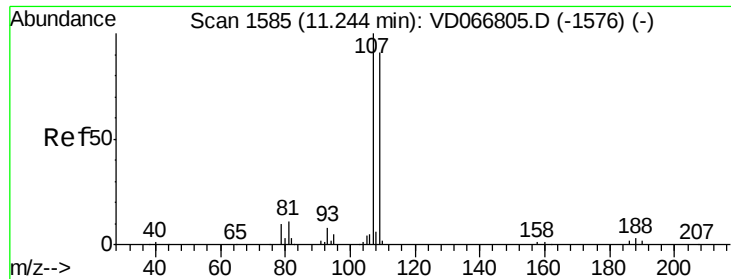
Tgt Ion: 43 Resp: 139503
Ion Ratio Lower Upper
43 100
58 53.2 27.0 80.8



#60
Dibromochloromethane
Concen: 20.022 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 129 Resp: 86594
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0

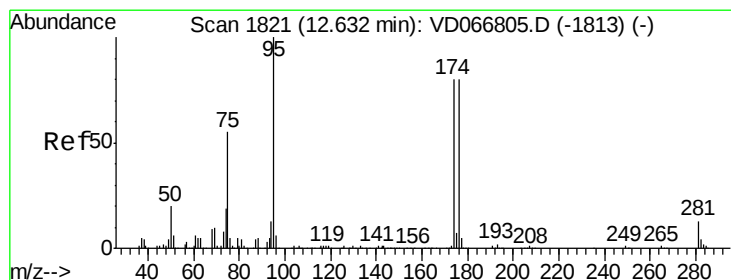
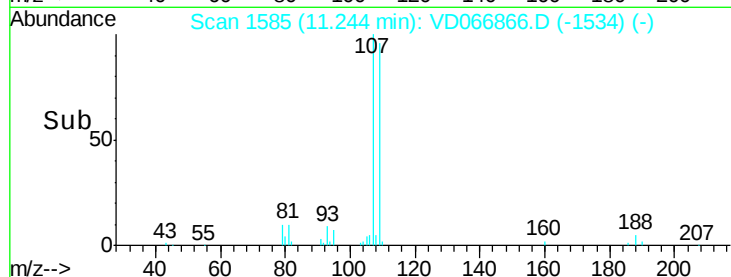
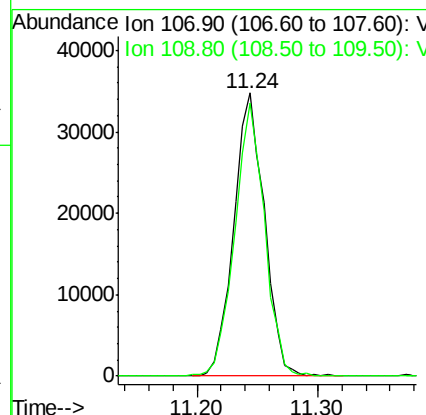
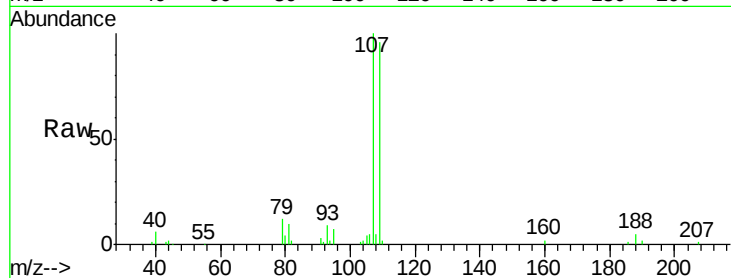




#61
 1,2-Dibromoethane
 Concen: 19.921 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

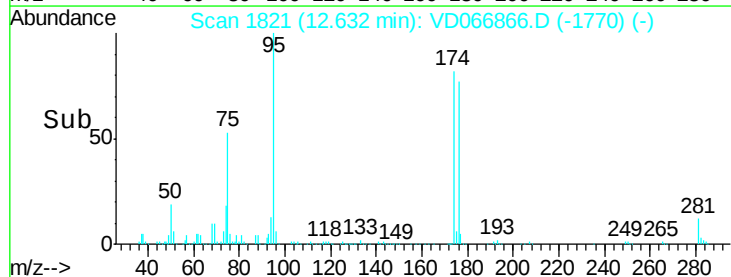
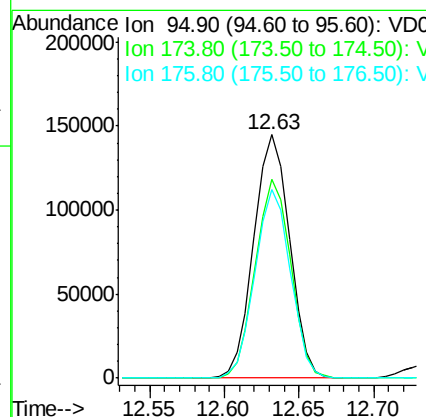
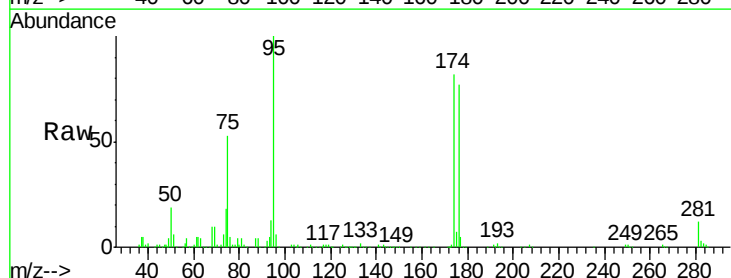
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

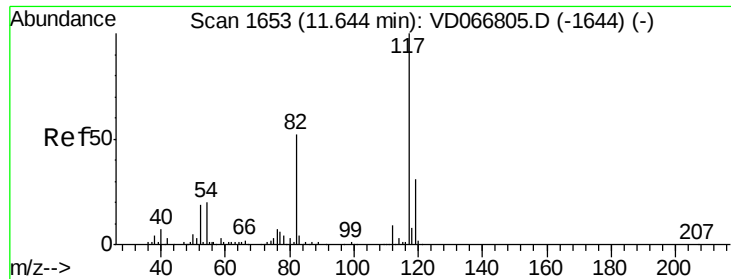
Tgt Ion: 107 Resp: 61400
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.910 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 95 Resp: 240933
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 159.8
 176 76.7 0.0 154.4

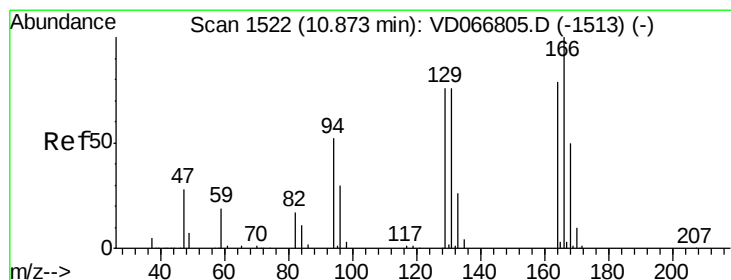
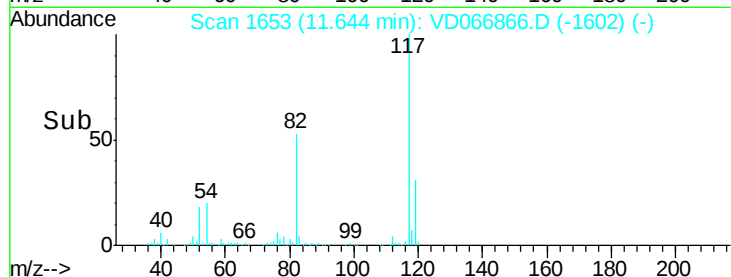
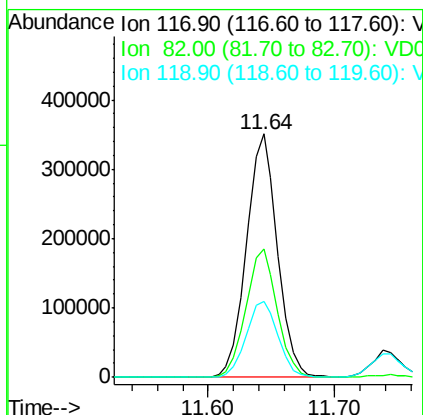
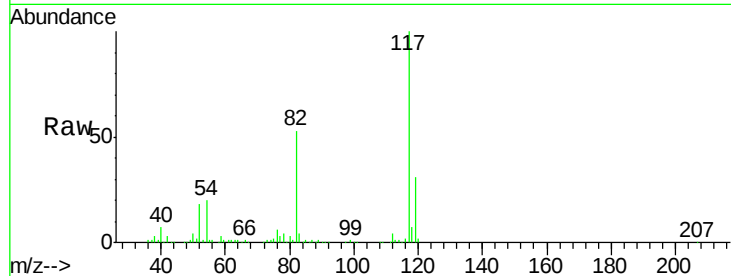




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

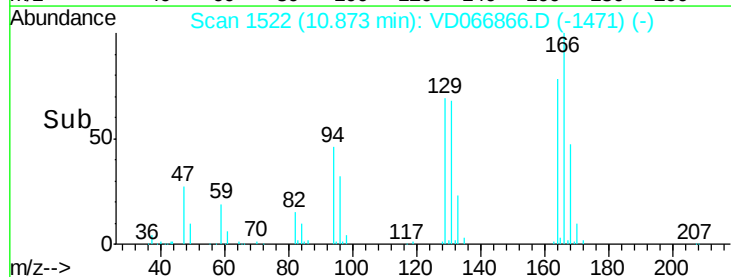
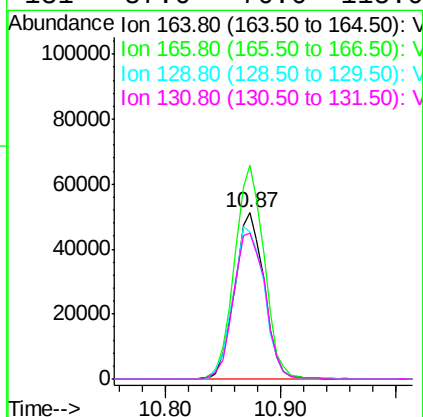
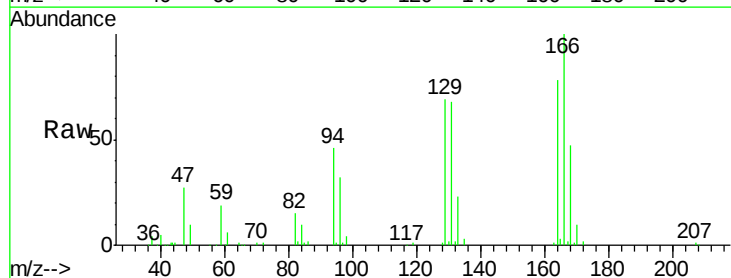
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

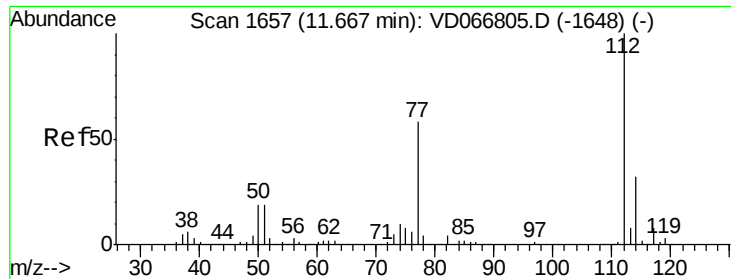
Tgt Ion:117 Resp: 594207
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 31.1 24.6 37.0



#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion:164 Resp: 91071
Ion Ratio Lower Upper
164 100
166 128.4 101.1 151.7
129 88.8 77.0 115.4
131 87.6 76.6 115.0





#65

Chlorobenzene

Concen: 19.880 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

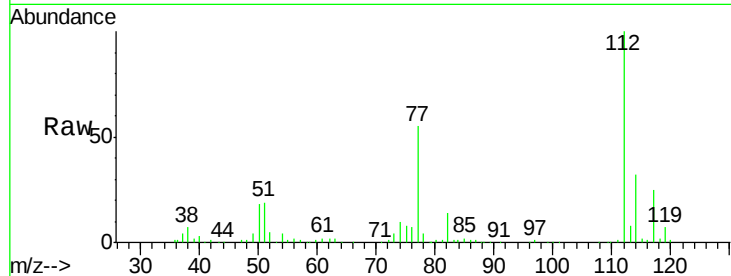
VD0925SBS01

Tgt Ion:112 Resp: 245892

Ion Ratio Lower Upper

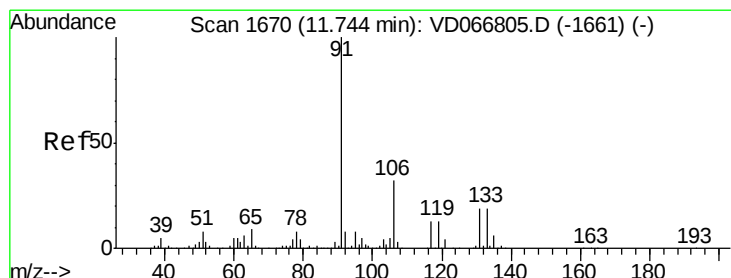
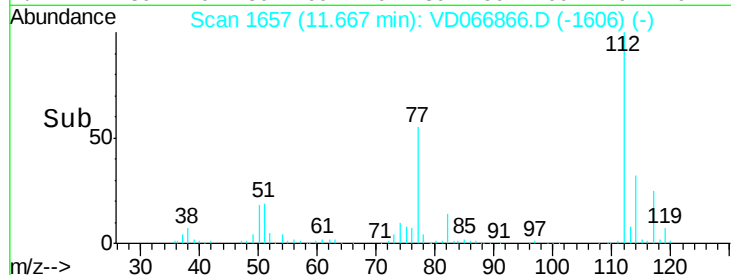
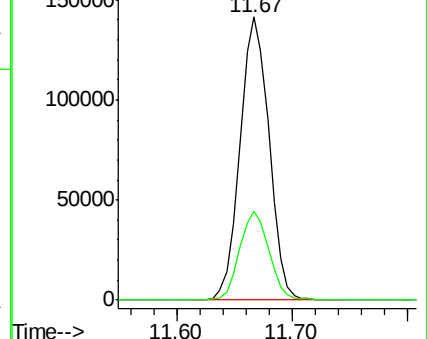
112 100

114 31.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

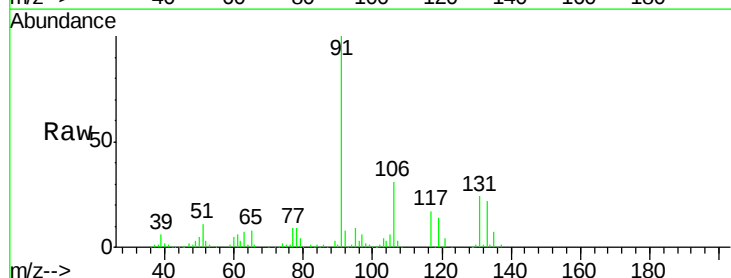
Tgt Ion:131 Resp: 94081

Ion Ratio Lower Upper

131 100

133 95.2 46.7 140.1

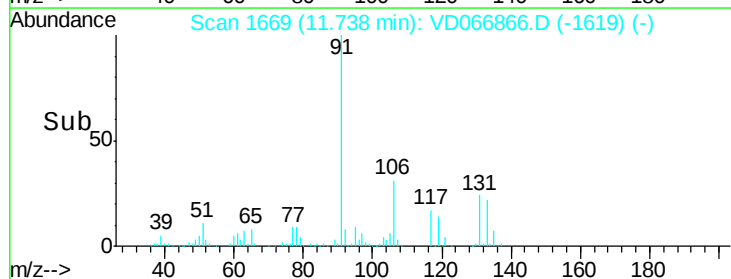
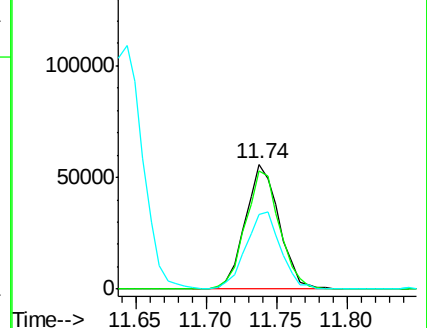
119 63.7 32.3 96.9

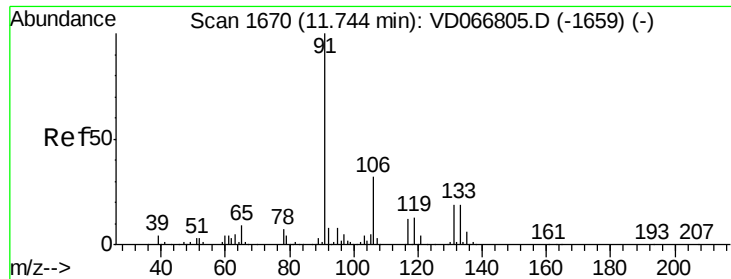


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

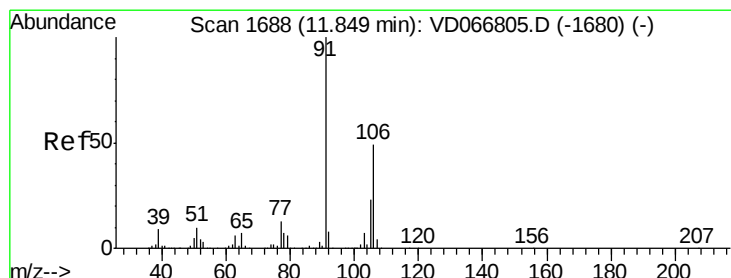
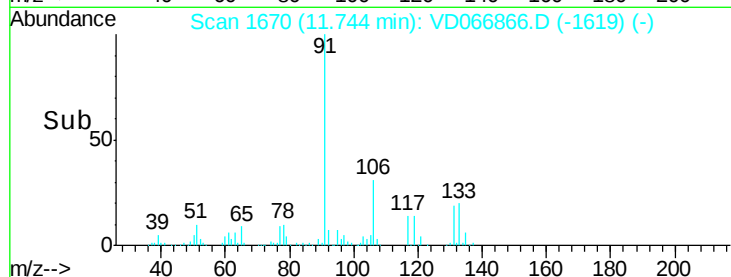
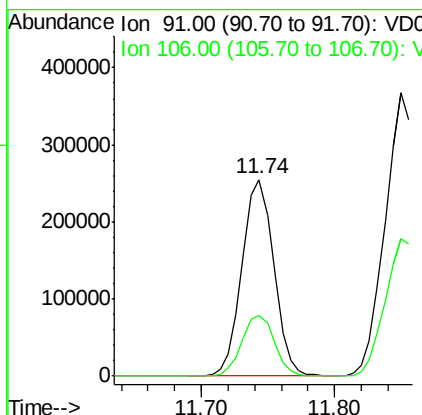
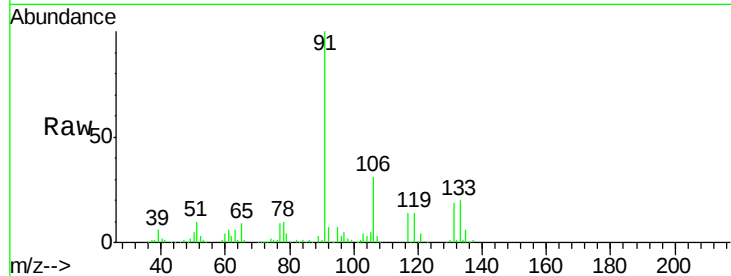




#67
Ethyl Benzene
Concen: 19.437 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

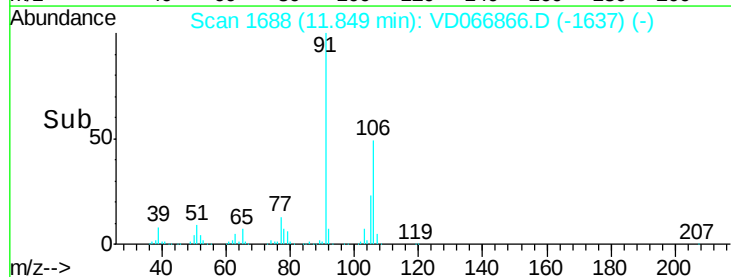
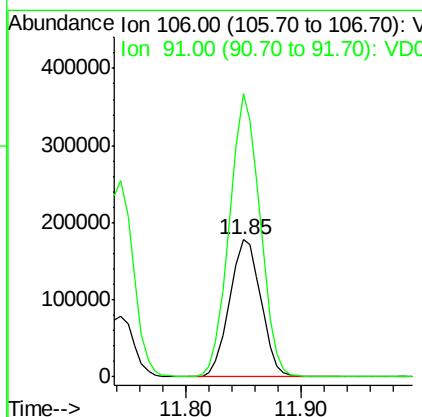
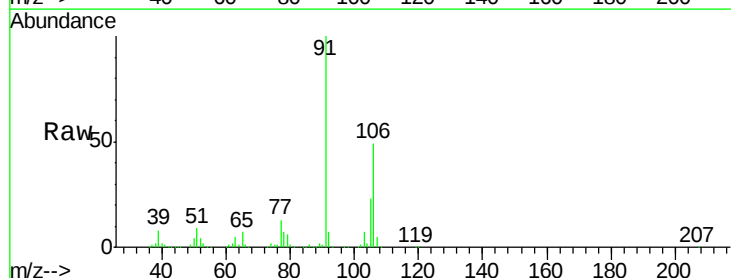
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

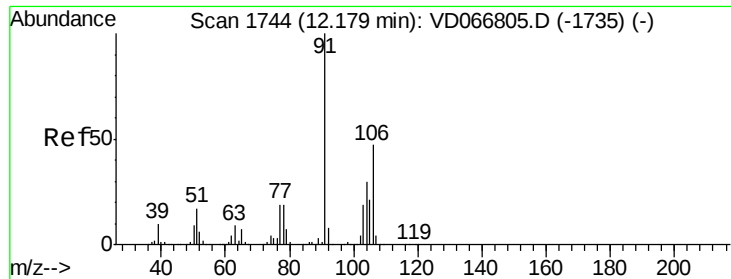
Tgt Ion: 91 Resp: 422244
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 40.860 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 106 Resp: 336064
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1

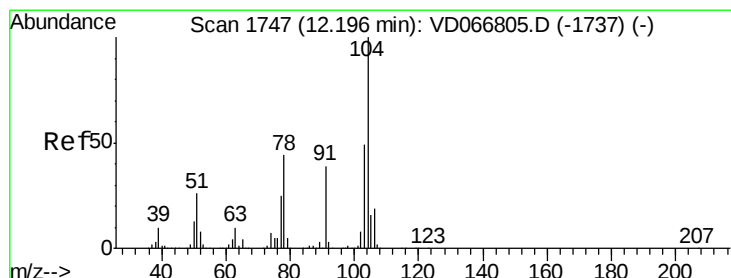
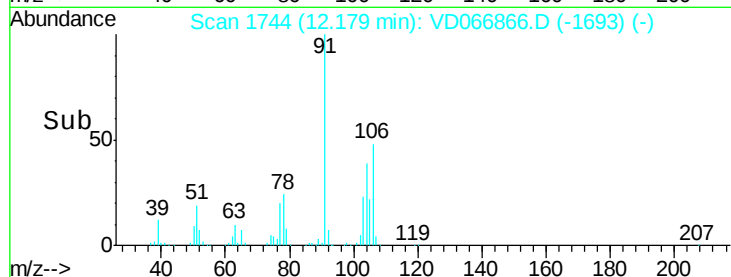
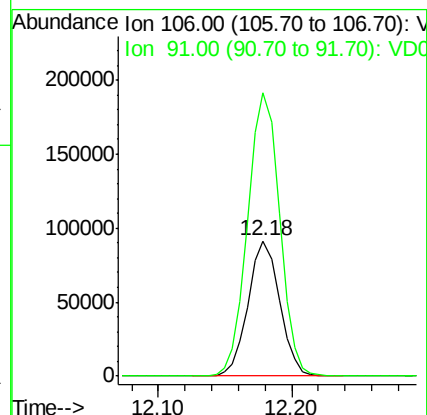
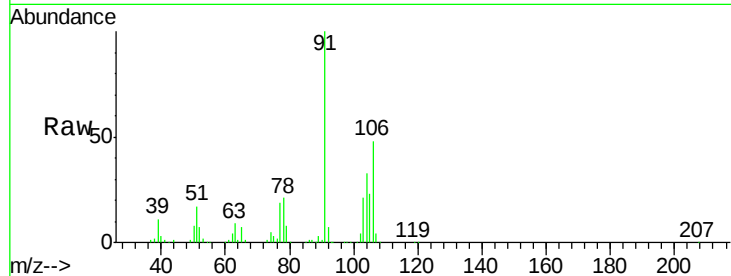




#69
o-Xylene
Concen: 20.065 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

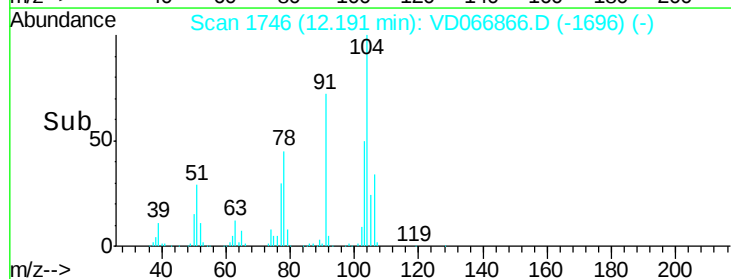
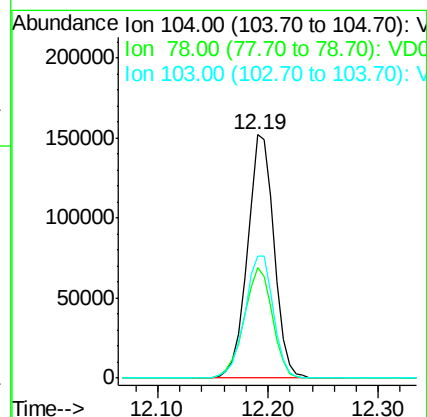
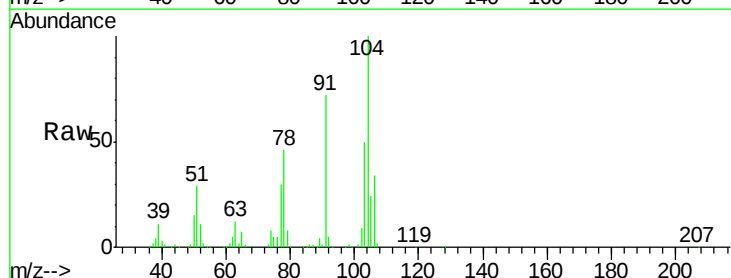
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

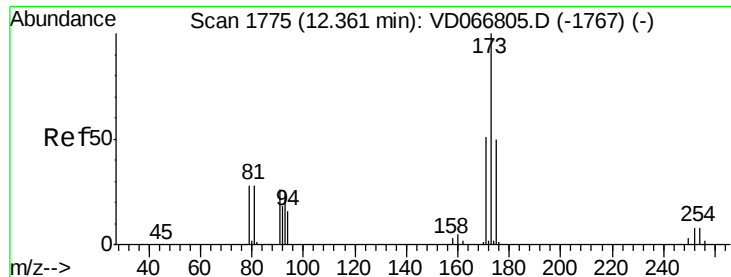
Tgt Ion:106 Resp: 149222
Ion Ratio Lower Upper
106 100
91 212.3 106.3 318.8



#70
Styrene
Concen: 19.939 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion:104 Resp: 257524
Ion Ratio Lower Upper
104 100
78 48.6 38.9 58.3
103 54.2 43.2 64.8





#71

Bromoform

Concen: 19.446 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

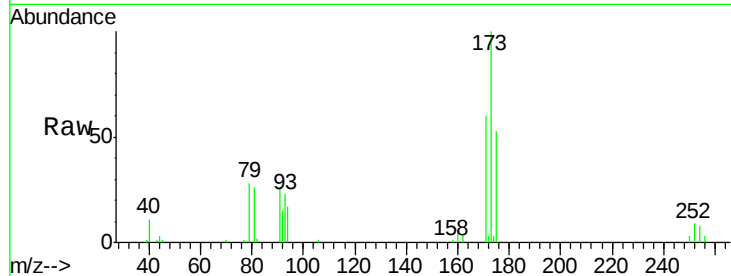
Tgt Ion:173 Resp: 46090

Ion Ratio Lower Upper

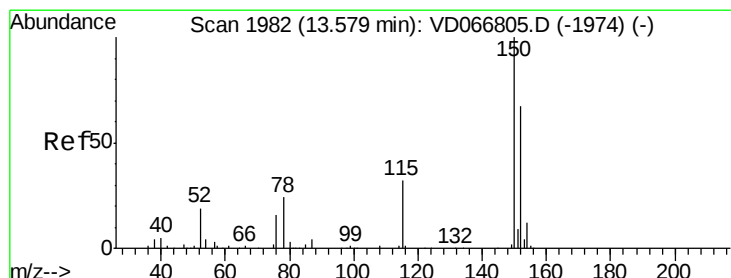
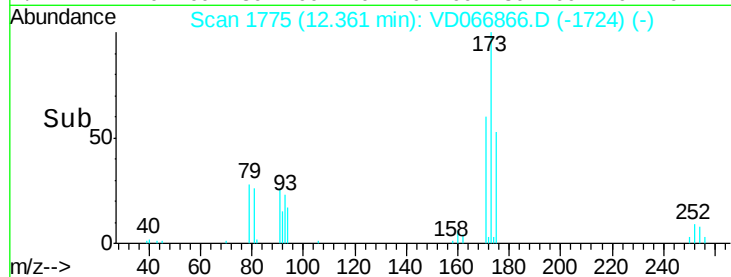
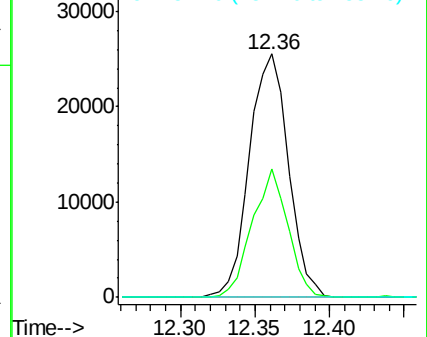
173 100

175 48.4 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

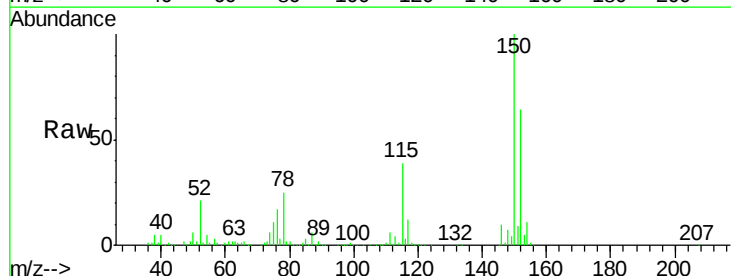
Tgt Ion:152 Resp: 283476

Ion Ratio Lower Upper

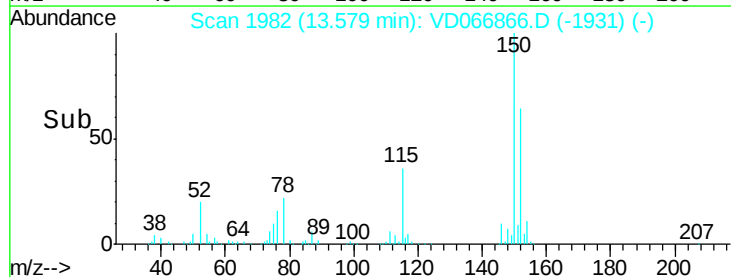
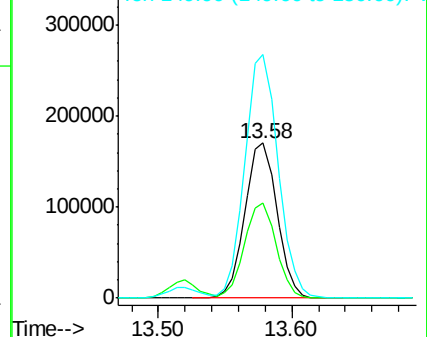
152 100

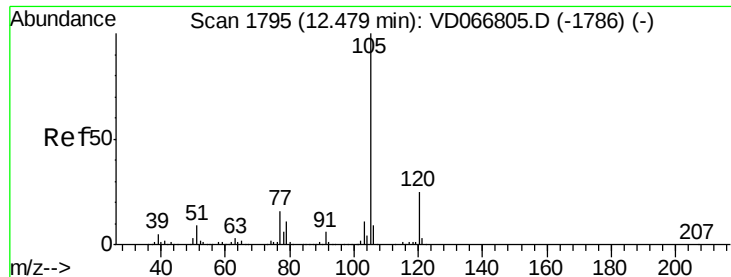
115 60.4 30.3 91.0

150 163.0 0.0 346.2



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





#73

Isopropylbenzene

Concen: 19.874 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

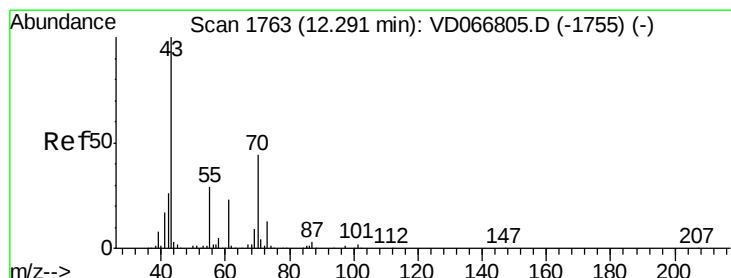
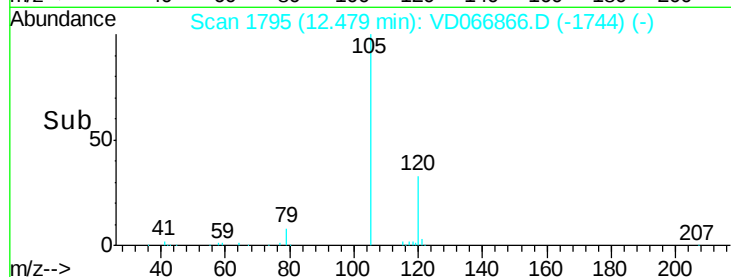
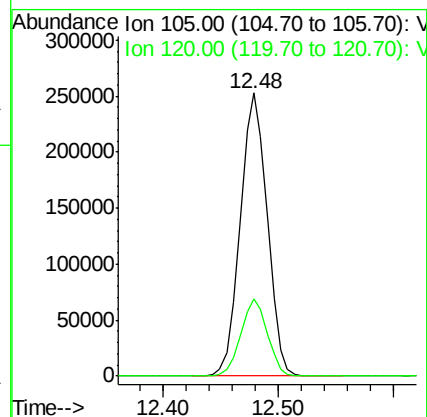
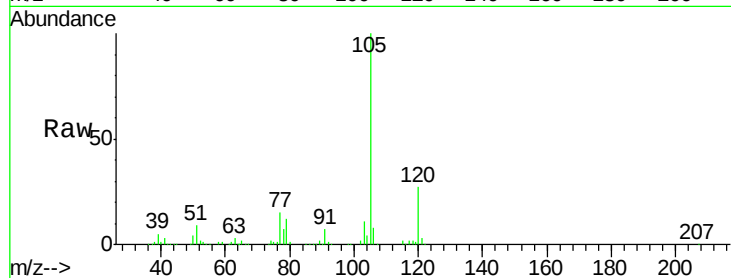
VD0925SBS01

Tgt Ion: 105 Resp: 406989

Ion Ratio Lower Upper

105 100

120 26.7 12.9 38.6



#74

N-ethyl acetate

Concen: 18.043 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion: 43 Resp: 72156

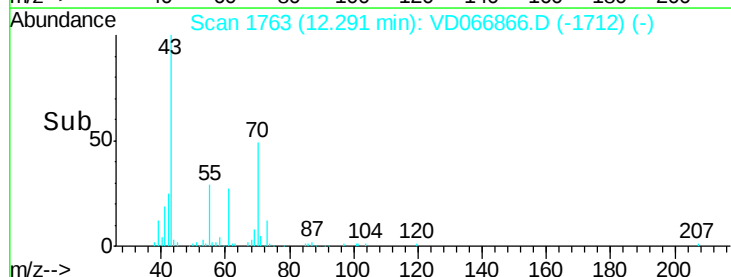
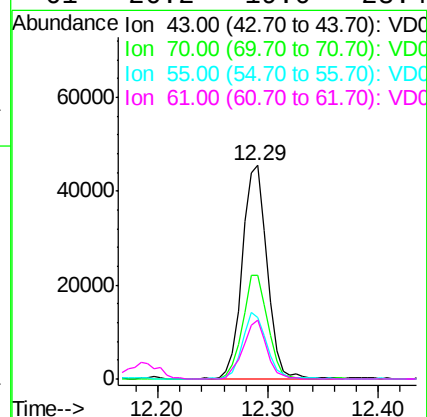
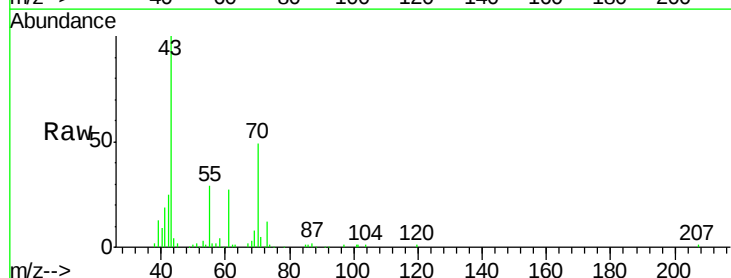
Ion Ratio Lower Upper

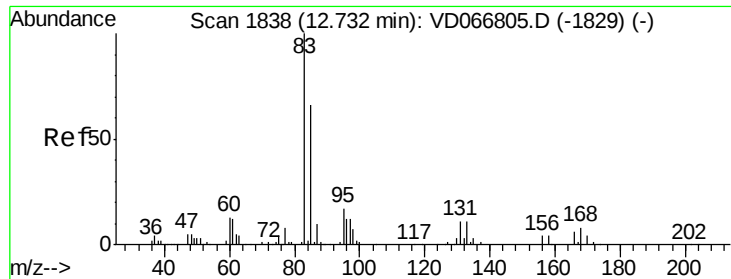
43 100

70 49.0 36.1 54.1

55 30.7 21.8 32.8

61 26.2 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.267 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

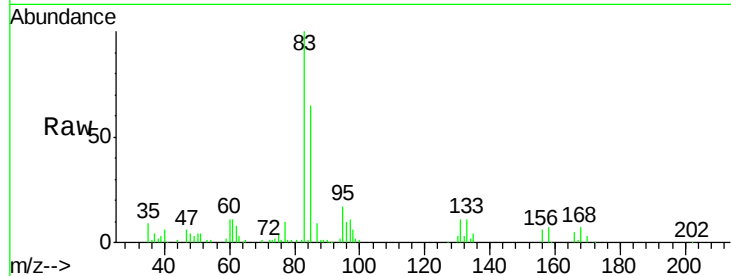
Tgt Ion: 83 Resp: 68082

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

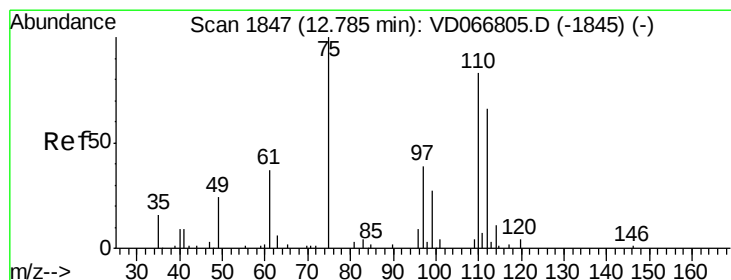
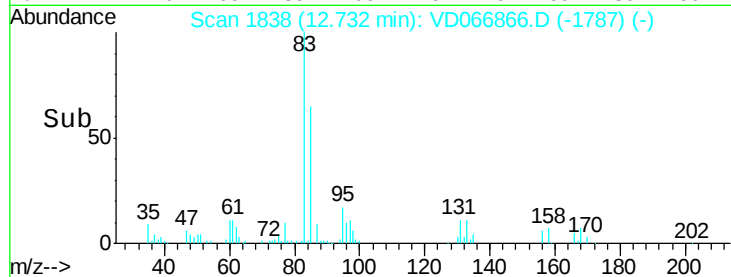
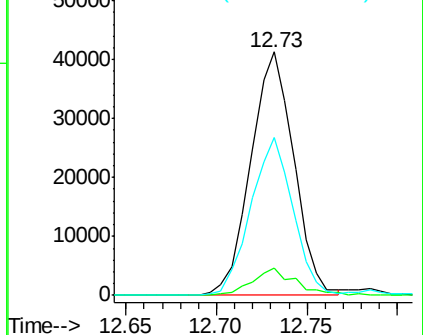
85 63.9 32.1 96.5



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: 38.481 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066866.D

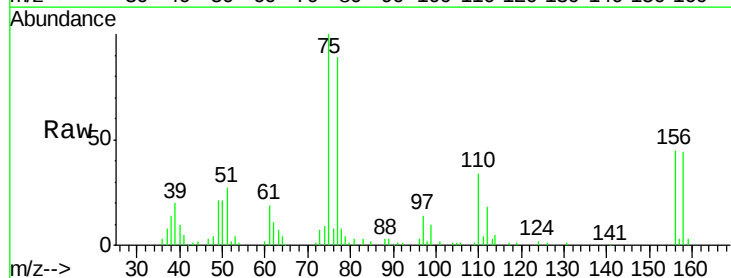
Acq: 25 Sep 2020 11:37

Tgt Ion: 75 Resp: 90401

Ion Ratio Lower Upper

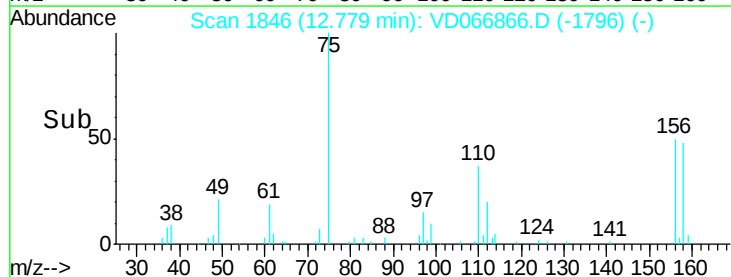
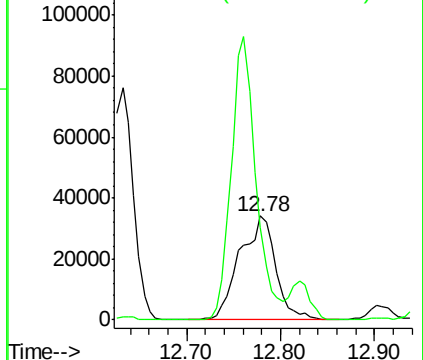
75 100

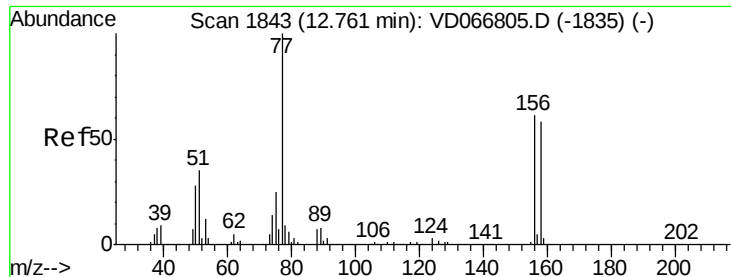
77 188.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

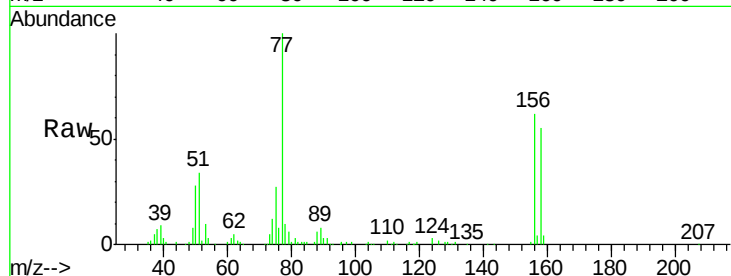
Tgt Ion:156 Resp: 96439

Ion Ratio Lower Upper

156 100

77 176.2 92.3 276.9

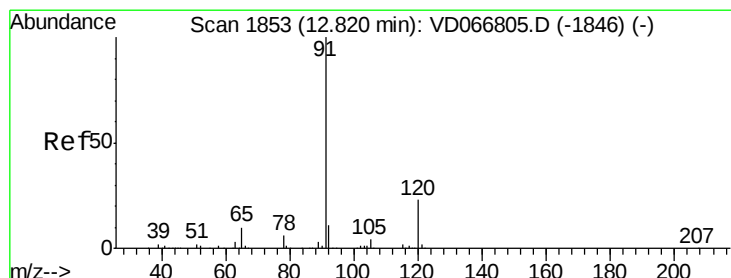
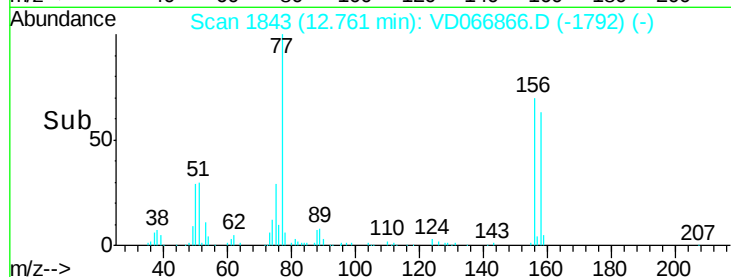
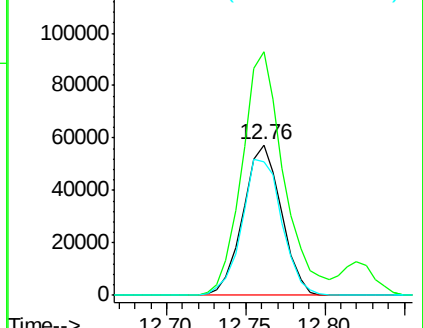
158 94.5 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.308 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066866.D

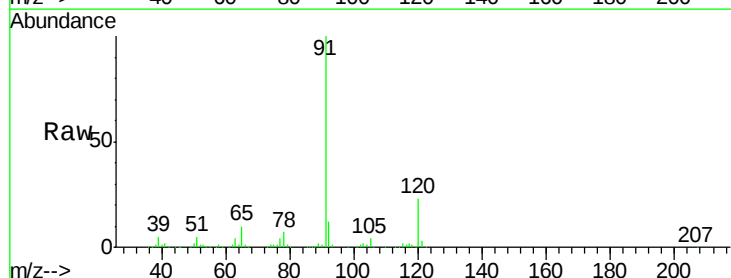
Acq: 25 Sep 2020 11:37

Tgt Ion: 91 Resp: 500307

Ion Ratio Lower Upper

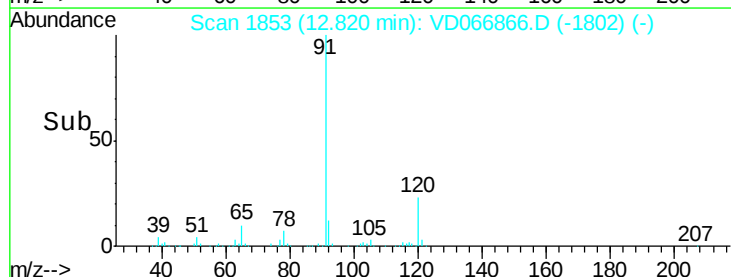
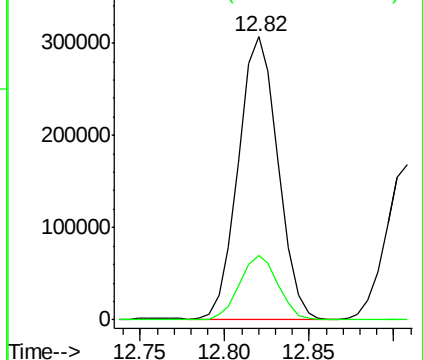
91 100

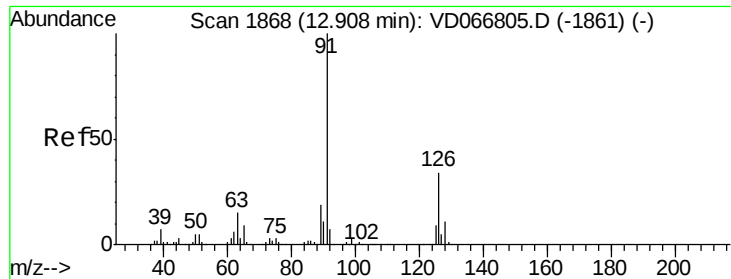
120 22.2 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.130 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

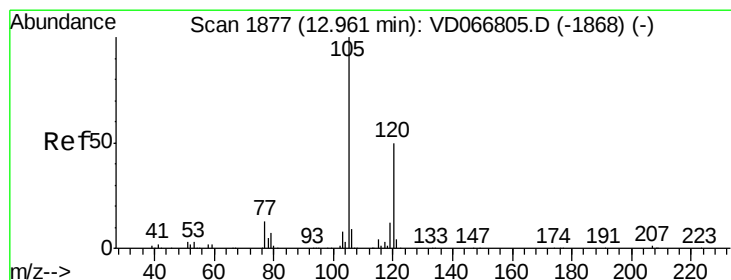
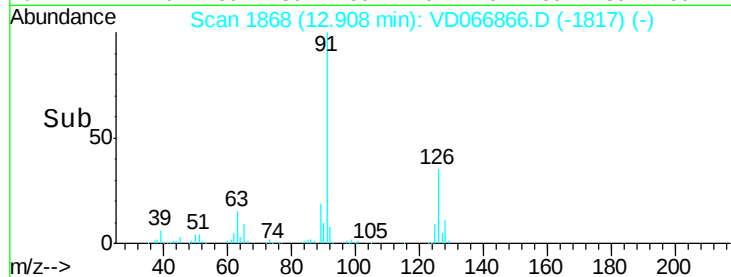
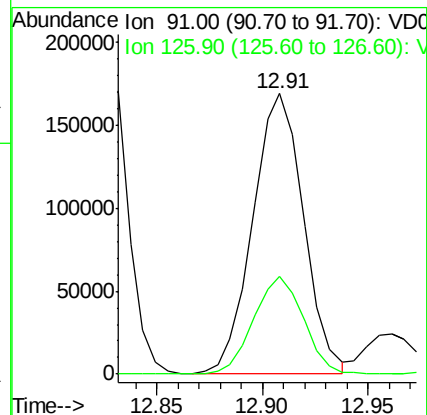
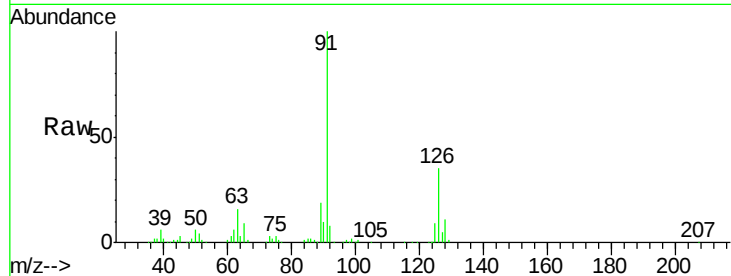
VD0925SBS01

Tgt Ion: 91 Resp: 282610

Ion Ratio Lower Upper

91 100

126 34.2 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.316 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066866.D

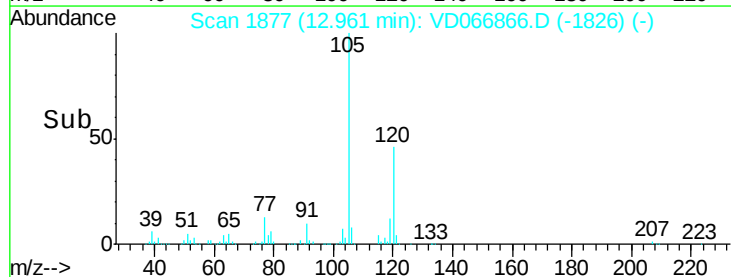
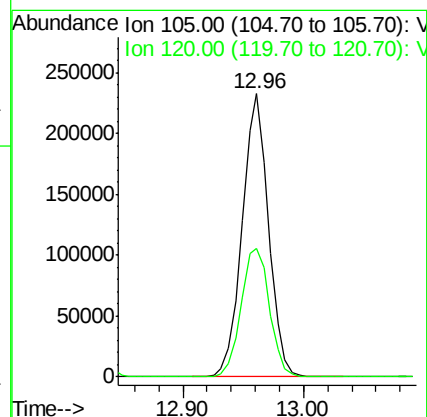
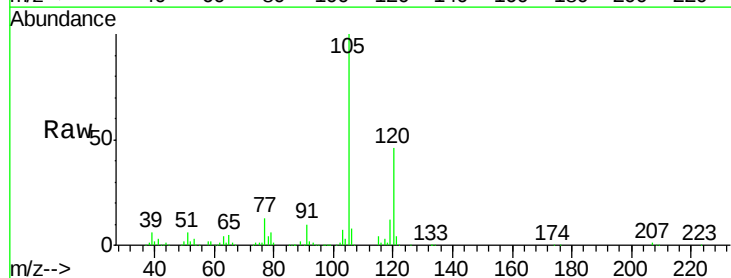
Acq: 25 Sep 2020 11:37

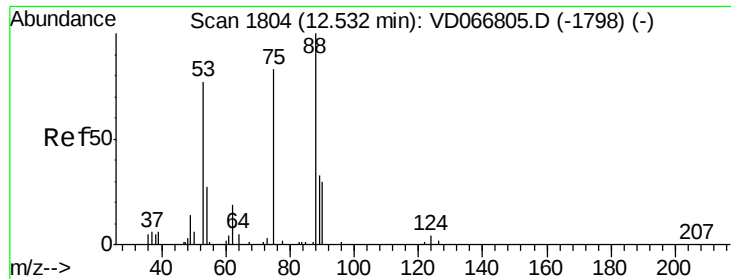
Tgt Ion: 105 Resp: 353010

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.301 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

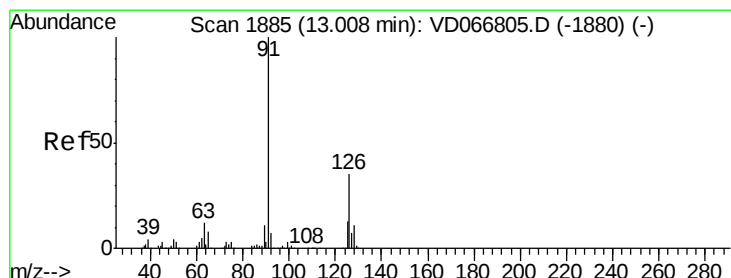
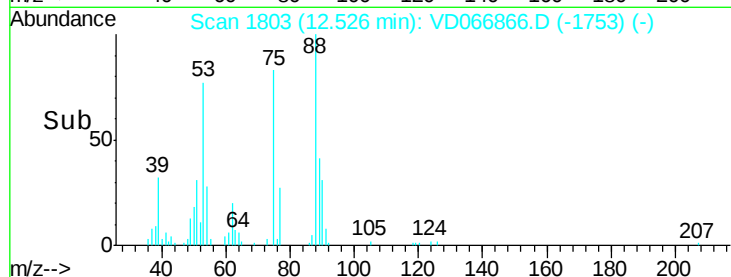
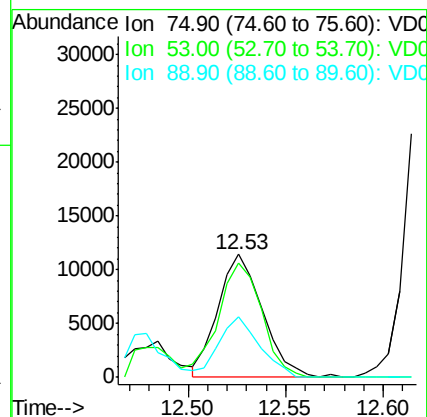
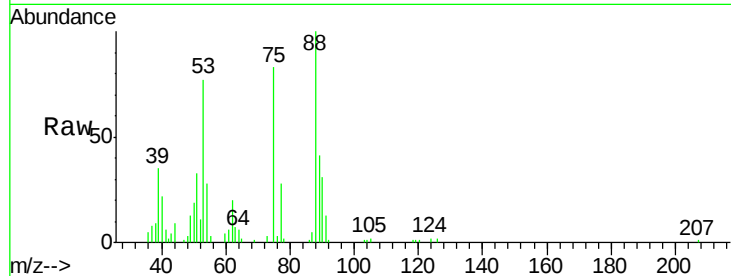
Tgt Ion: 75 Resp: 18123

Ion Ratio Lower Upper

75 100

53 91.7 78.5 117.7

89 45.1 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.588 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066866.D

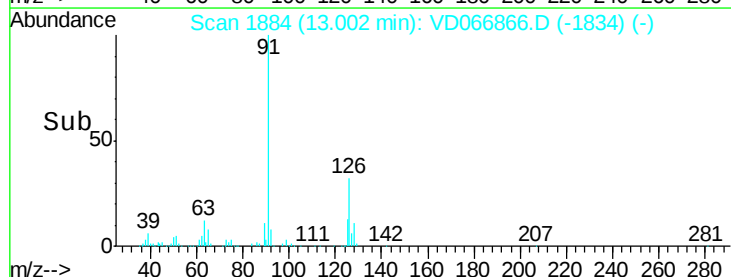
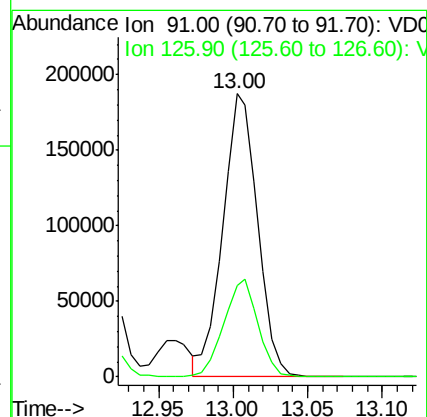
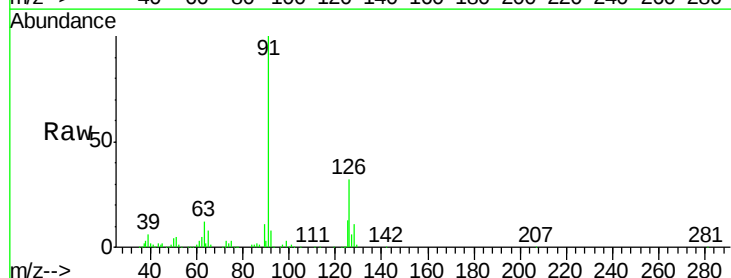
Acq: 25 Sep 2020 11:37

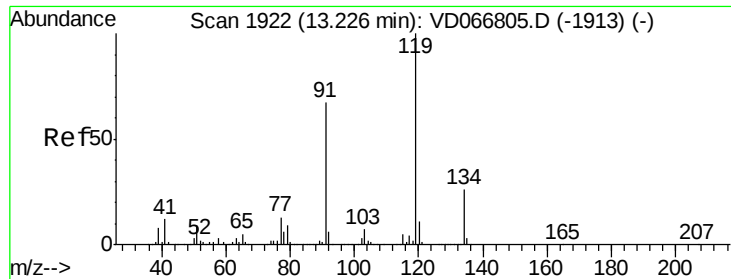
Tgt Ion: 91 Resp: 304682

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2

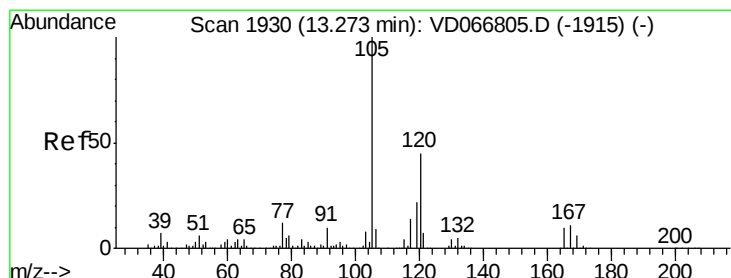
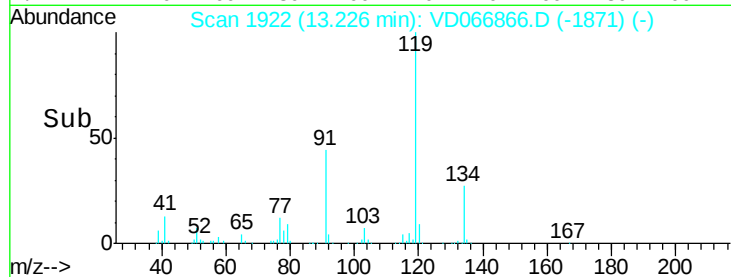
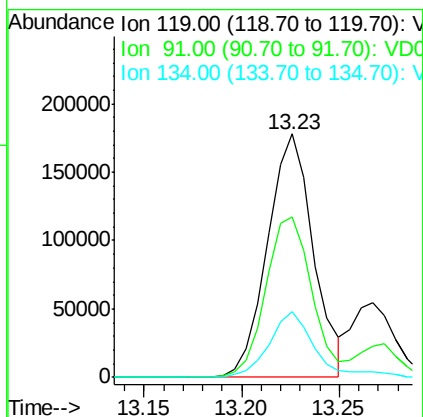
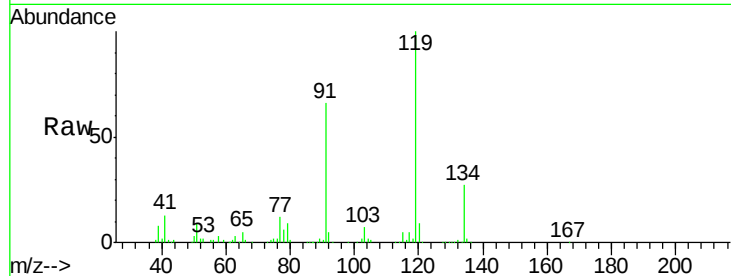




#83
 tert-Butylbenzene
 Concen: 20.290 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

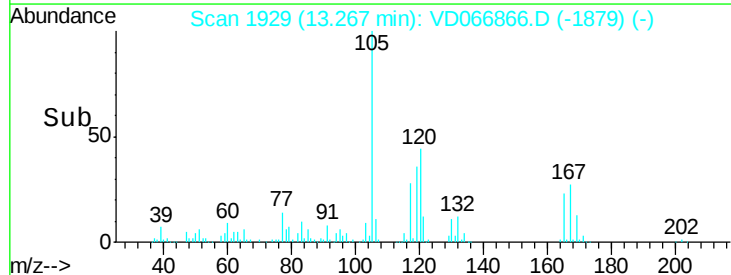
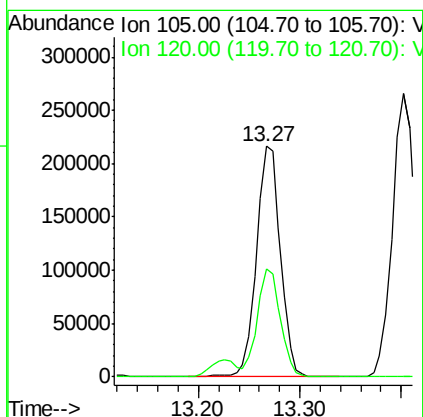
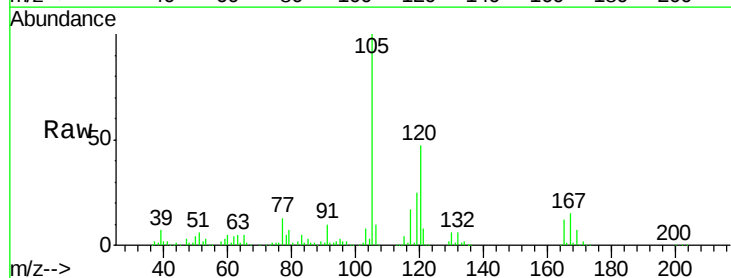
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

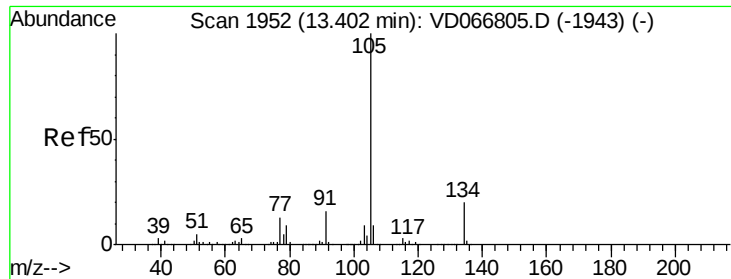
Tgt Ion:119 Resp: 289708
 Ion Ratio Lower Upper
 119 100
 91 65.9 33.6 100.8
 134 27.0 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.552 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion:105 Resp: 354113
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.093 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

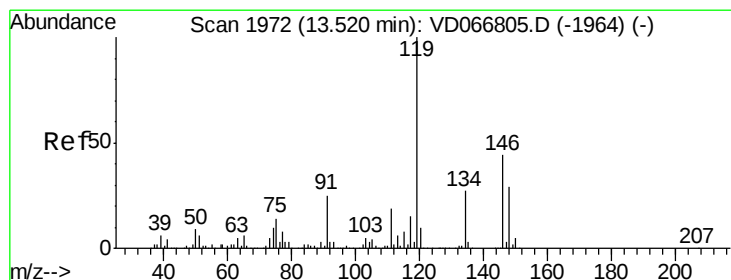
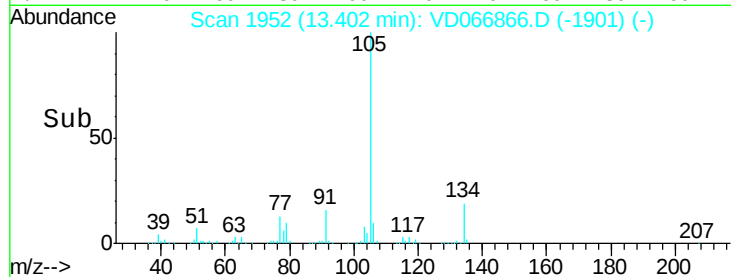
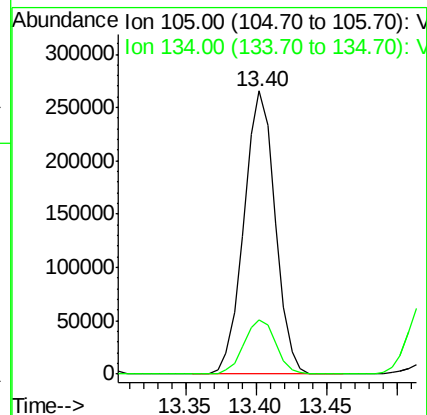
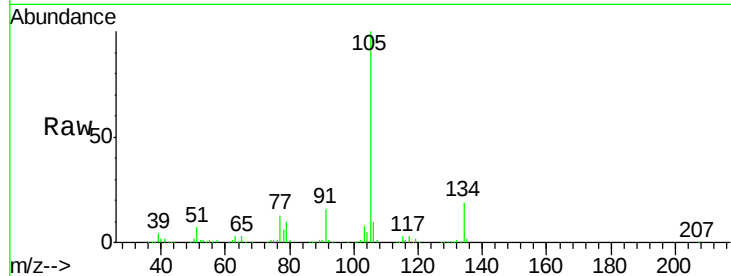
VD0925SBS01

Tgt Ion:105 Resp: 412563

Ion Ratio Lower Upper

105 100

134 19.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.694 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

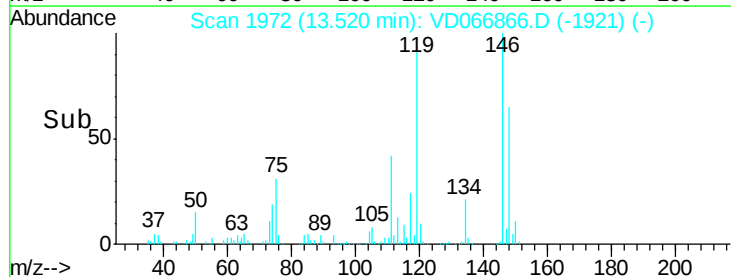
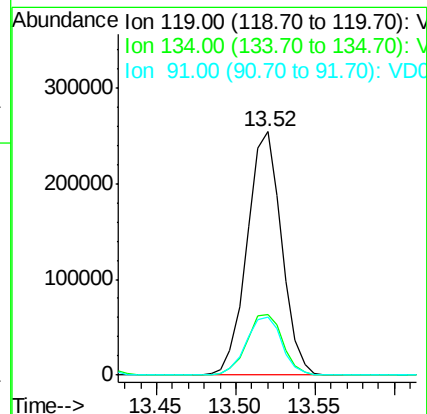
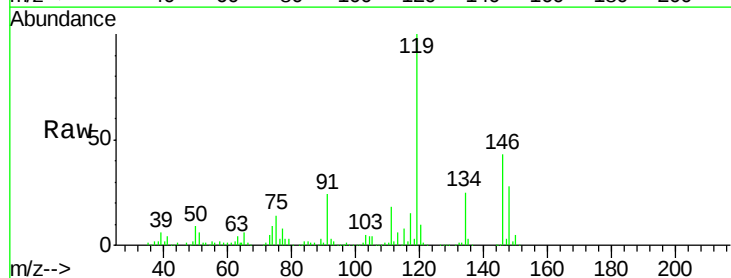
Tgt Ion:119 Resp: 382993

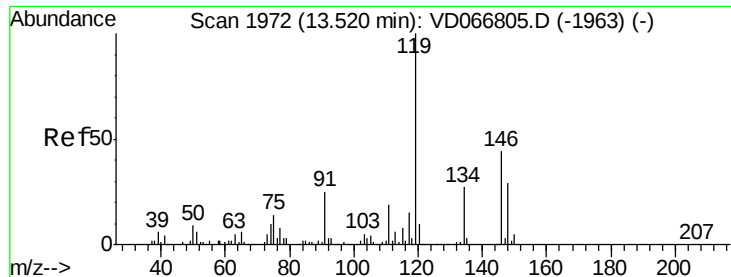
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 20.127 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

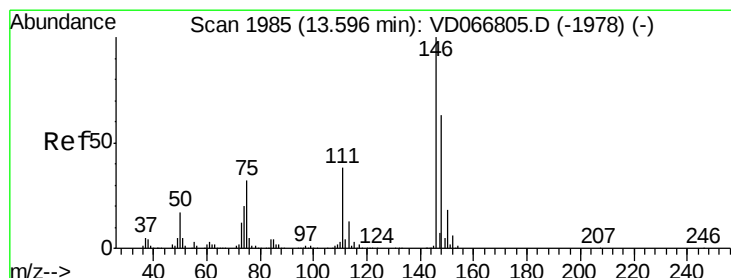
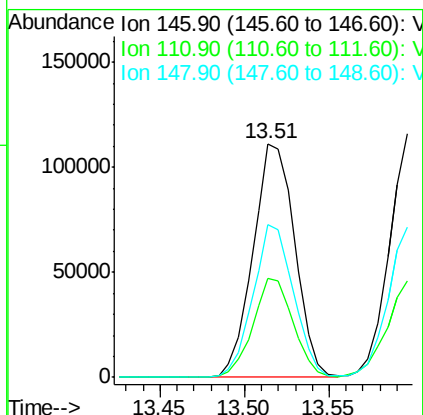
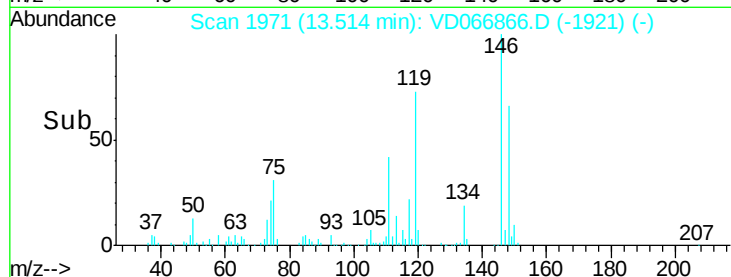
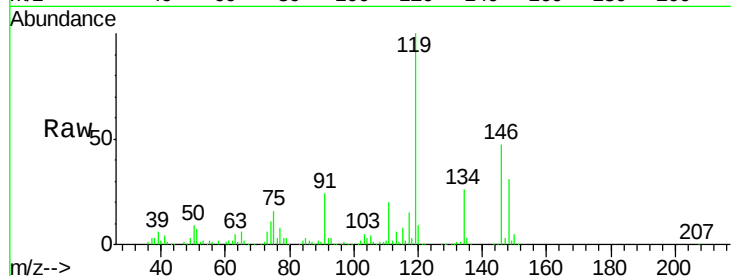
Tgt Ion:146 Resp: 190445

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.910 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

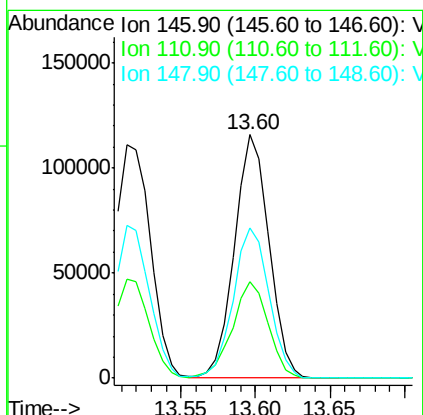
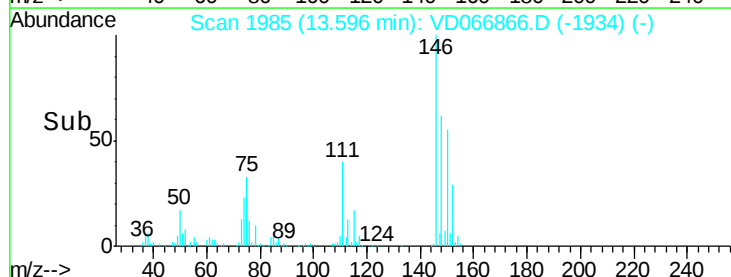
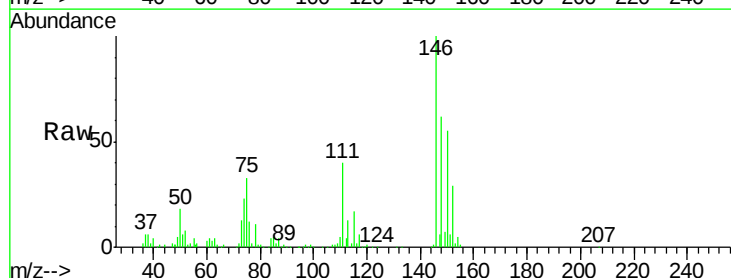
Tgt Ion:146 Resp: 187112

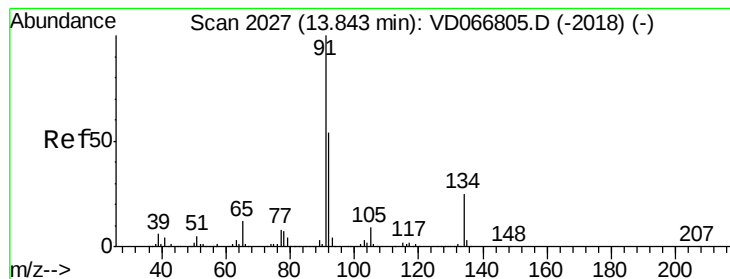
Ion Ratio Lower Upper

146 100

111 41.2 20.2 60.5

148 64.0 31.6 94.7





#89

n-Butylbenzene

Concen: 19.849 ug/l

RT: 13.84 min Scan# 2027

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

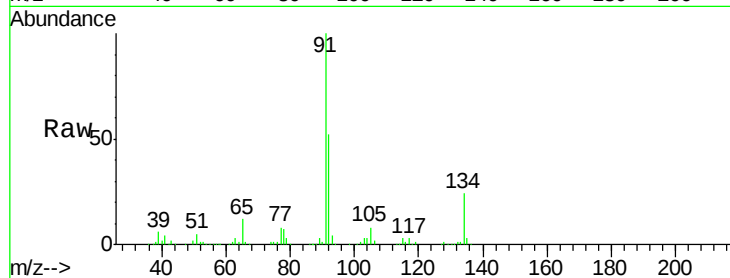
Tgt Ion: 91 Resp: 349171

Ion Ratio Lower Upper

91 100

92 52.5 26.7 80.0

134 25.5 13.1 39.1

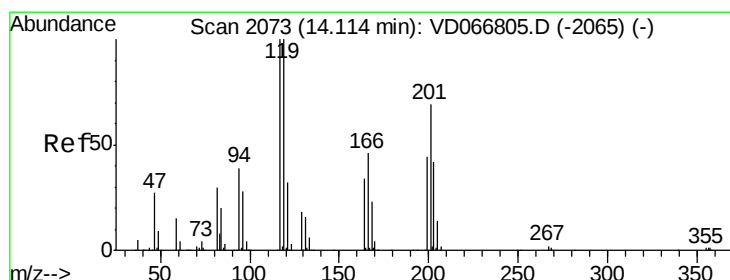
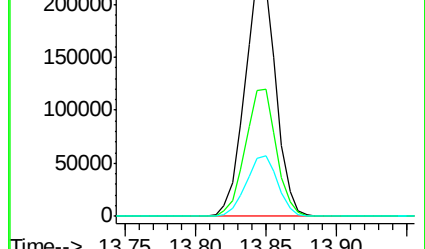
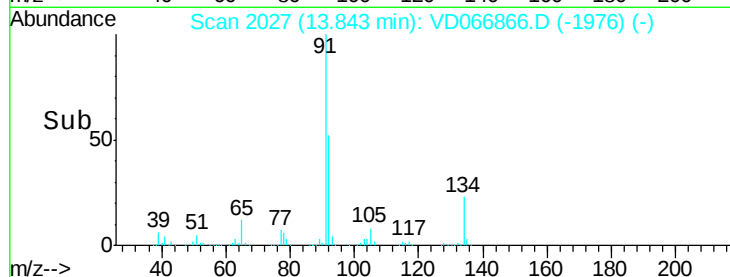


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

Time--> 13.75 13.80 13.85 13.90



#90

Hexachloroethane

Concen: 19.448 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VD066866.D

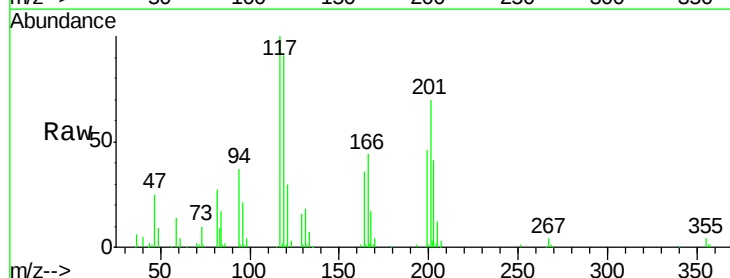
Acq: 25 Sep 2020 11:37

Tgt Ion: 117 Resp: 73073

Ion Ratio Lower Upper

117 100

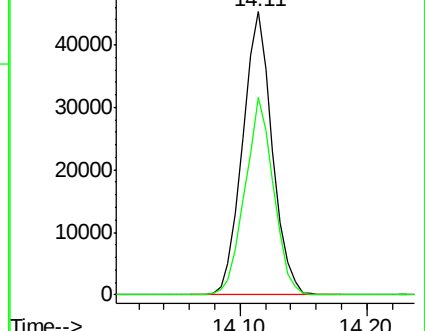
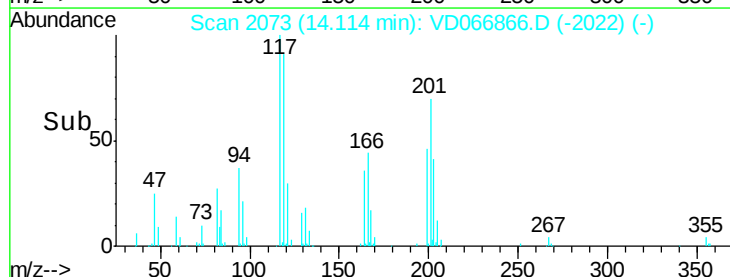
201 67.4 33.7 101.0

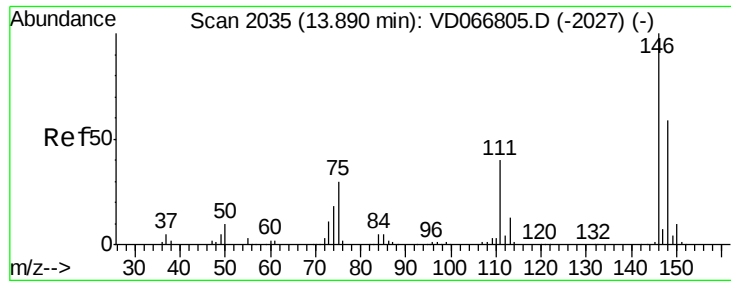


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

Time--> 14.10 14.20

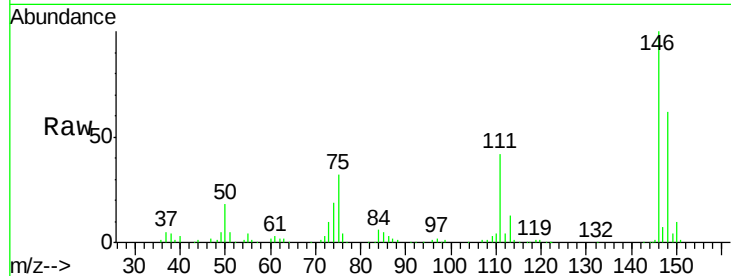




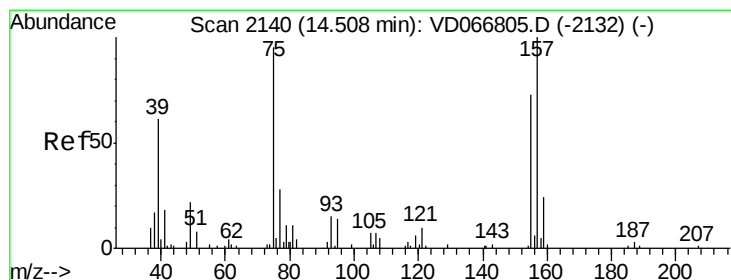
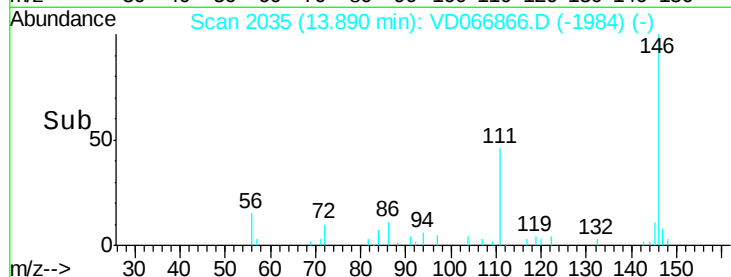
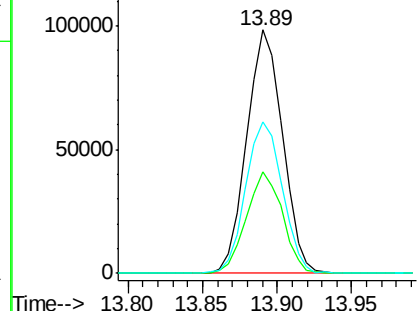
#91
 1,2-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tgt Ion: 146 Resp: 163411
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.9 62.7
 148 63.8 31.8 95.3

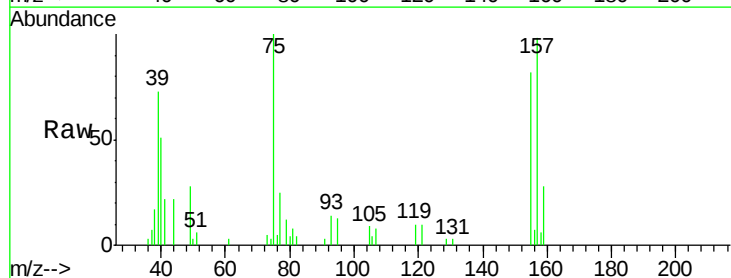


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

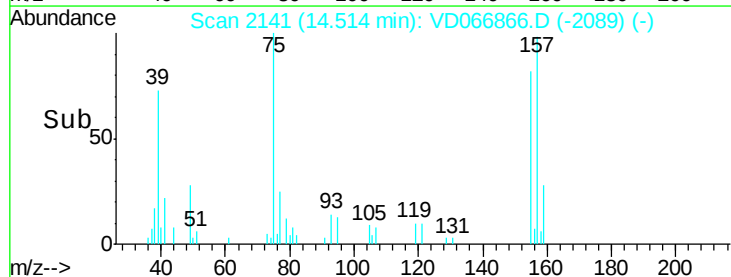
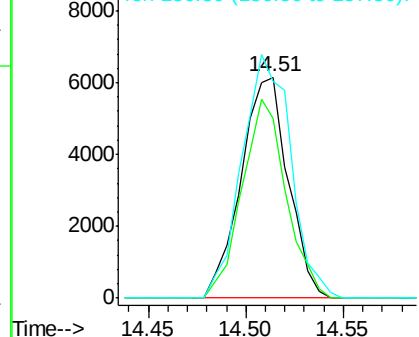


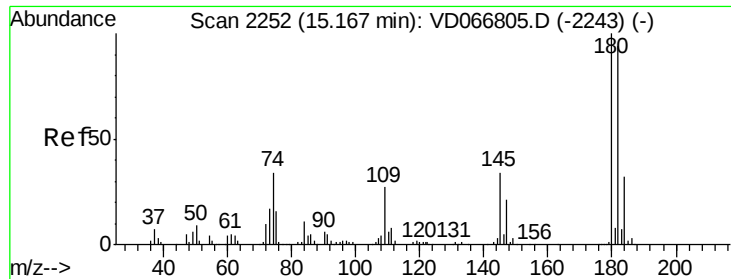
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.116 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion: 75 Resp: 10298
 Ion Ratio Lower Upper
 75 100
 155 84.2 40.4 121.2
 157 114.3 51.3 153.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

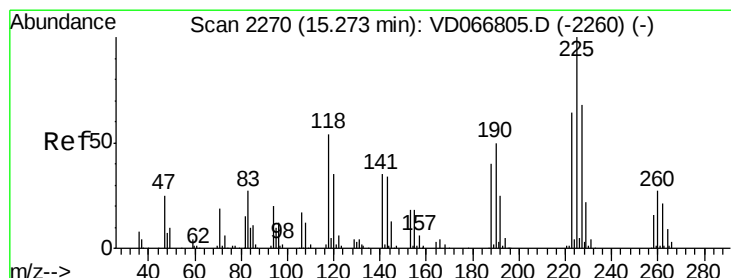
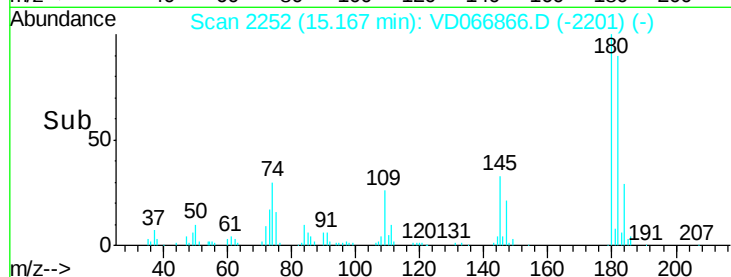
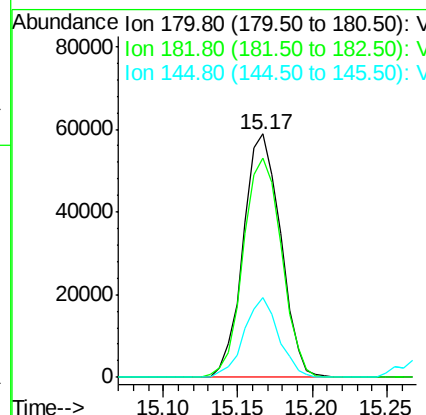
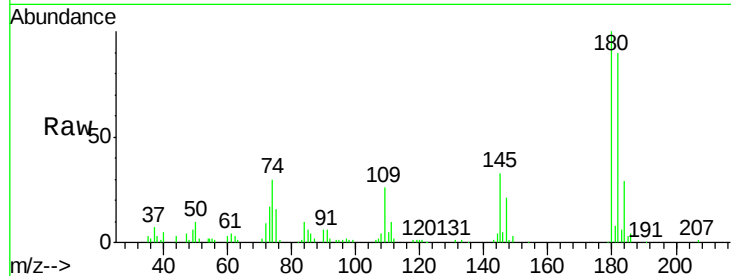




#93
 1,2,4-Trichlorobenzene
 Concen: 20.099 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

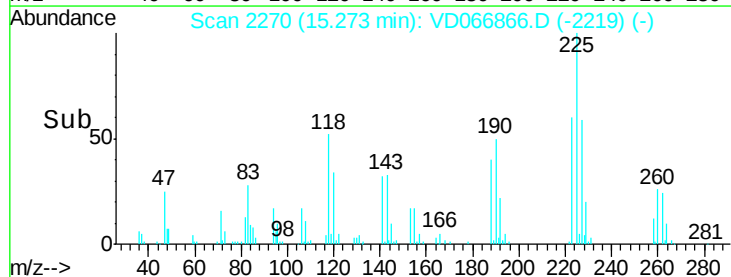
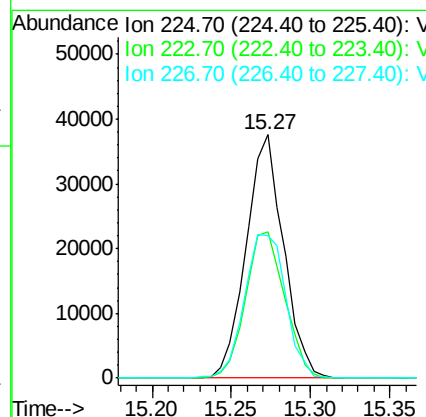
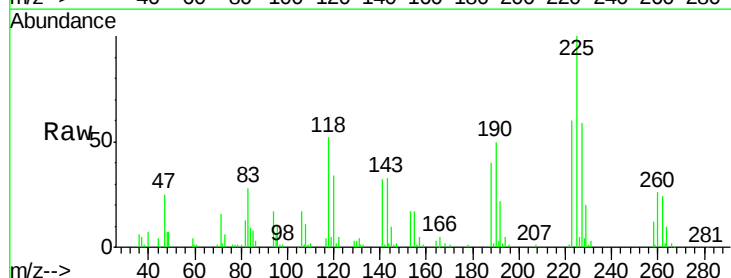
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

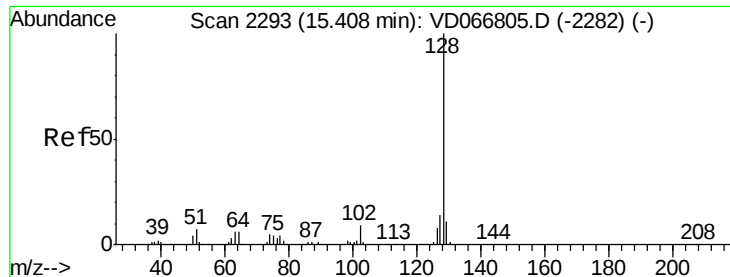
Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	48.8	146.3
145	30.5	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 20.201 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.3
227	65.3	31.7	95.1

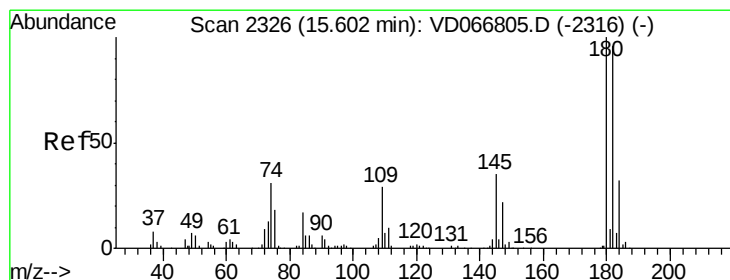
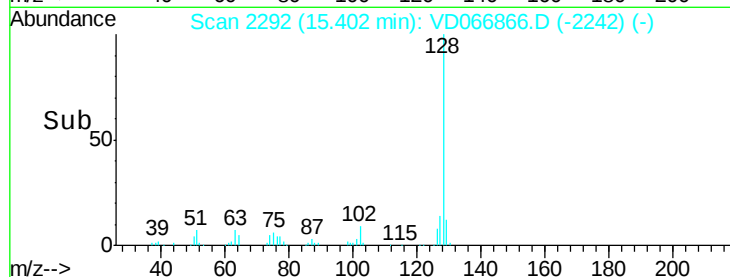
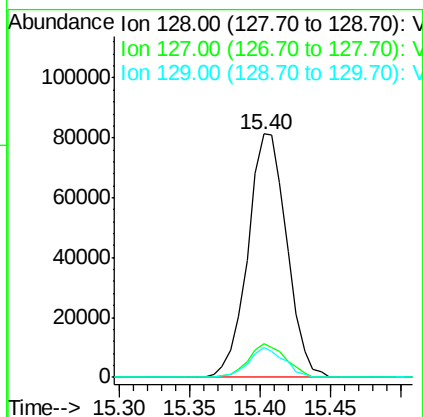
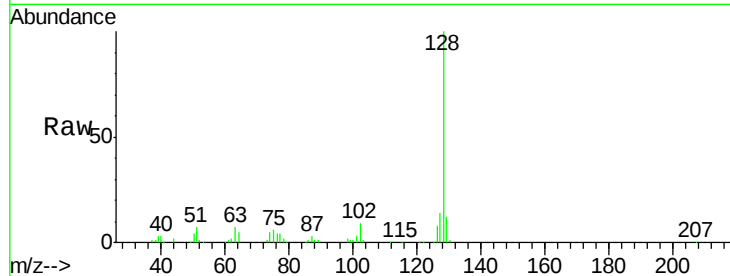




#95
Naphthalene
Concen: 18.144 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tgt Ion:128 Resp: 156984
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.565 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion:180 Resp: 86054
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.3
145 33.0 17.0 51.0

