

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
 Data File : VD072617.D
 Acq On : 19 Apr 2022 11:35
 Operator : VA/SY
 Sample : VD0419SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

Quant Time: Apr 19 16:11:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	311322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	514846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	482153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	183518	48.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.460%
35) Dibromofluoromethane	7.908	113	204356	51.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.160%
50) Toluene-d8	10.332	98	700178	50.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.620	95	275901	50.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	50568	20.467	ug/l	97
3) Chloromethane	2.209	50	42662	18.668	ug/l	98
4) Vinyl Chloride	2.350	62	45862	18.078	ug/l	93
5) Bromomethane	2.744	94	37289	21.175	ug/l	89
6) Chloroethane	2.903	64	33625	19.977	ug/l	94
7) Trichlorofluoromethane	3.268	101	122844	22.906	ug/l	97
8) Diethyl Ether	3.709	74	34178	21.446	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.091	101	84356	23.585	ug/l	94
10) Methyl Iodide	4.303	142	51489	18.023	ug/l	99
11) Tert butyl alcohol	5.197	59	59059	296.956	ug/l #	79
12) 1,1-Dichloroethene	4.062	96	57607	20.602	ug/l	85
13) Acrolein	3.926	56	10249	116.128	ug/l	97
14) Allyl chloride	4.709	41	92272	19.495	ug/l	90
15) Acrylonitrile	5.414	53	92405	115.938	ug/l	96
16) Acetone	4.156	43	75312	107.245	ug/l	96
17) Carbon Disulfide	4.409	76	72432	14.719	ug/l	97
18) Methyl Acetate	4.714	43	52574	26.574	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	185220	22.694	ug/l	100
20) Methylene Chloride	4.962	84	104569	25.013	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	62985	18.930	ug/l	94
22) Diisopropyl ether	6.361	45	251788	22.412	ug/l #	90
23) Vinyl Acetate	6.303	43	557567	96.240	ug/l #	88
24) 1,1-Dichloroethane	6.256	63	153313	22.647	ug/l	98
25) 2-Butanone	7.208	43	106553	109.710	ug/l	95
26) 2,2-Dichloropropane	7.197	77	144091	23.963	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	91602	21.576	ug/l	91
28) Bromochloromethane	7.538	49	63158	21.773	ug/l #	76
29) Tetrahydrofuran	7.561	42	62388	106.397	ug/l #	88
30) Chloroform	7.703	83	183663	24.118	ug/l	100
31) Cyclohexane	7.985	56	93104	18.907	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	158179	24.490	ug/l	96
36) 1,1-Dichloropropene	8.108	75	99426	20.132	ug/l	95
37) Ethyl Acetate	7.291	43	47737	22.517	ug/l #	90
38) Carbon Tetrachloride	8.097	117	132814	24.095	ug/l	94
39) Methylcyclohexane	9.350	83	96906	18.214	ug/l	98
40) Benzene	8.344	78	310587	22.227	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	28571	23.953	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	96745	22.652	ug/l	95
43) Isopropyl Acetate	8.444	43	92265	22.688	ug/l #	91
44) Trichloroethene	9.108	130	87382	22.027	ug/l	95
45) 1,2-Dichloropropane	9.379	63	91618	23.570	ug/l	93
46) Dibromomethane	9.467	93	47027	23.060	ug/l	96
47) Bromodichloromethane	9.655	83	141920	24.223	ug/l	97
48) Methyl methacrylate	9.450	41	44385	22.481	ug/l #	86
49) 1,4-Dioxane	9.450	88	11110	457.975	ug/l #	94
51) 4-Methyl-2-Pentanone	10.220	43	259347	118.853	ug/l	91
52) Toluene	10.397	92	214393	23.095	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	125961	24.672	ug/l	93
54) cis-1,3-Dichloropropene	10.085	75	139815	23.163	ug/l #	84
55) 1,1,2-Trichloroethane	10.797	97	78546	25.405	ug/l	96
56) Ethyl methacrylate	10.655	69	80900	21.965	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	121133	23.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	174745	114.483	ug/l	93
59) 2-Hexanone	10.979	43	170165	114.678	ug/l	92
60) Dibromochloromethane	11.132	129	102676	25.745	ug/l	100
61) 1,2-Dibromoethane	11.238	107	65819	23.977	ug/l	97
64) Tetrachloroethene	10.867	164	72893	23.139	ug/l	98
65) Chlorobenzene	11.661	112	258028	23.936	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	109478	25.402	ug/l	100
67) Ethyl Benzene	11.738	91	431294	22.930	ug/l	99
68) m/p-Xylenes	11.844	106	337252	47.261	ug/l	97
69) o-Xylene	12.173	106	160067	23.249	ug/l	96
70) Styrene	12.185	104	290082	23.906	ug/l	97
71) Bromoform	12.349	173	58250	25.496	ug/l #	98
73) Isopropylbenzene	12.473	105	470046	22.726	ug/l	99
74) N-amyl acetate	12.279	43	94461	21.766	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.720	83	92514	23.614	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	111888	40.056	ug/l #	100
77) Bromobenzene	12.749	156	103840	22.399	ug/l	95
78) n-propylbenzene	12.808	91	568283	22.775	ug/l	97
79) 2-Chlorotoluene	12.896	91	336492	23.060	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	413202	23.326	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	27494	24.153	ug/l	89
82) 4-Chlorotoluene	12.996	91	350745	23.079	ug/l	100
83) tert-Butylbenzene	13.214	119	365841	23.856	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	400495	23.120	ug/l	98
85) sec-Butylbenzene	13.390	105	555962	24.068	ug/l	99
86) p-Isopropyltoluene	13.502	119	451883	23.933	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	234300	24.390	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	232123	23.975	ug/l	99
89) n-Butylbenzene	13.832	91	430283	23.923	ug/l	99
90) Hexachloroethane	14.096	117	95575	24.727	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	208663	24.628	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14478	24.988	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	128062	24.384	ug/l	99
94) Hexachlorobutadiene	15.249	225	78840	26.800	ug/l	96
95) Naphthalene	15.384	128	217278	21.292	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	110392	24.084	ug/l	98

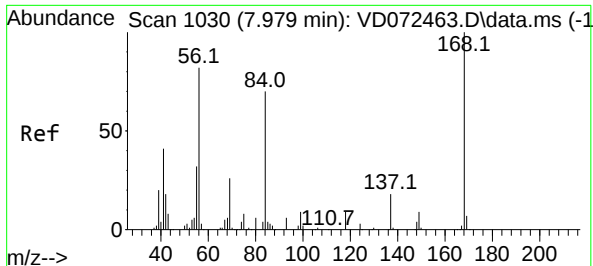
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041922\
Data File : VD072617.D
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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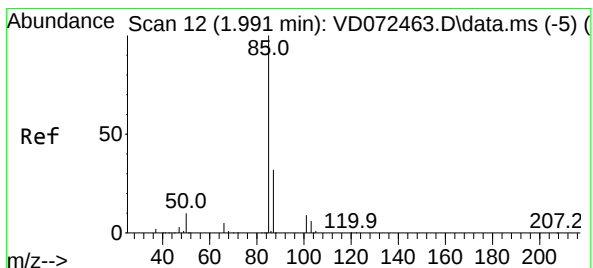
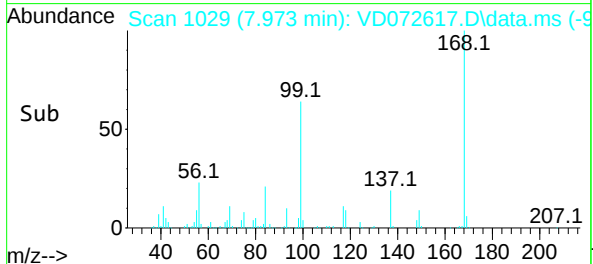
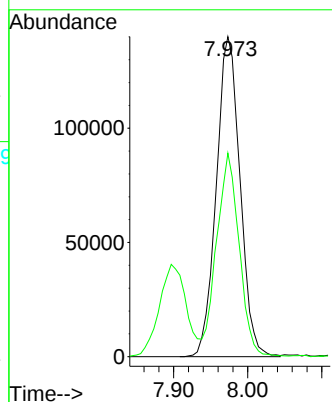
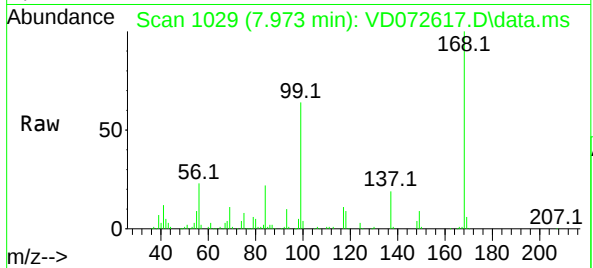
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

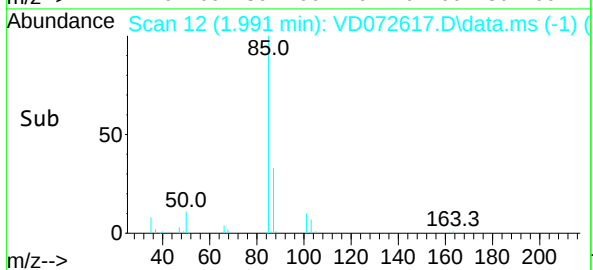
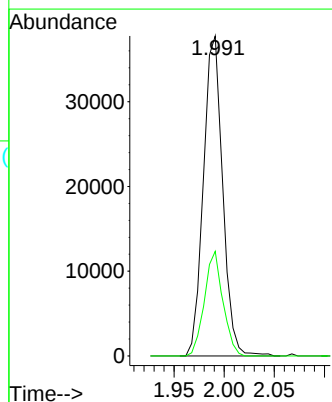
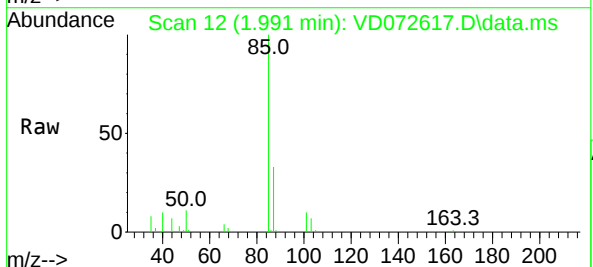
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VD0419SBSD01

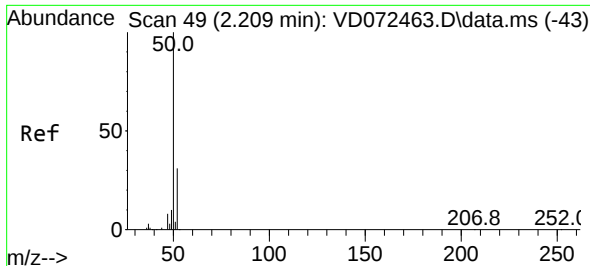
Tgt Ion:168 Resp: 311322
Ion Ratio Lower Upper
168 100
99 63.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 20.467 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 85 Resp: 50568
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0

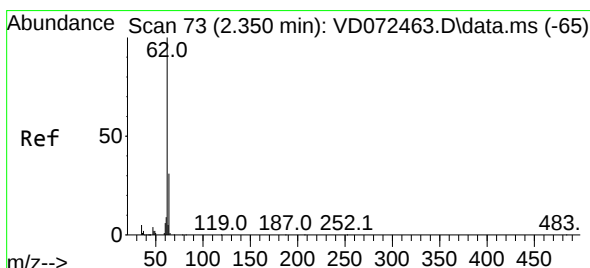
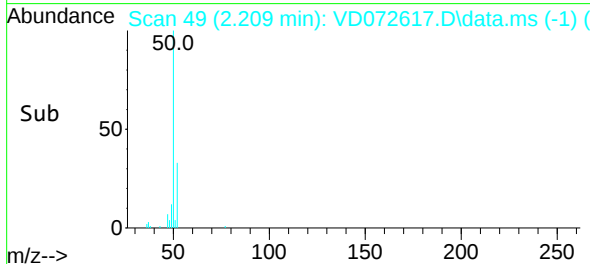
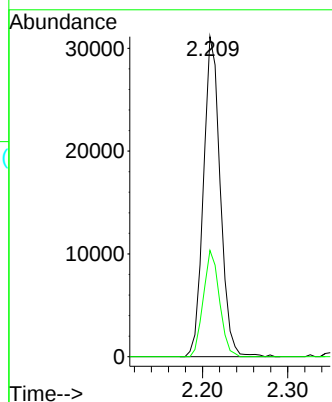
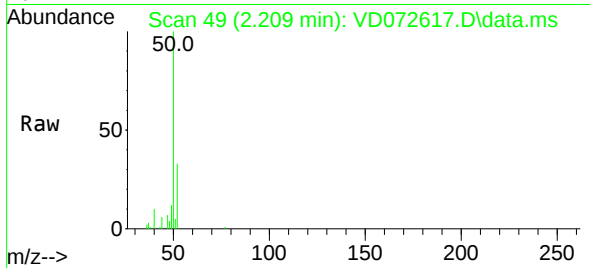




#3
Chloromethane
Concen: 18.668 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

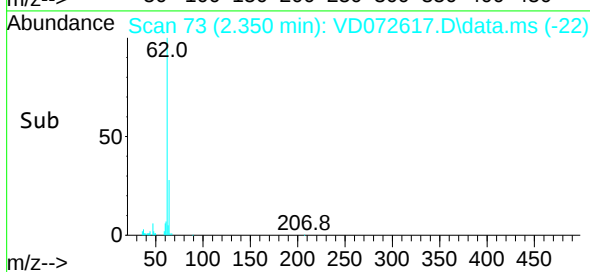
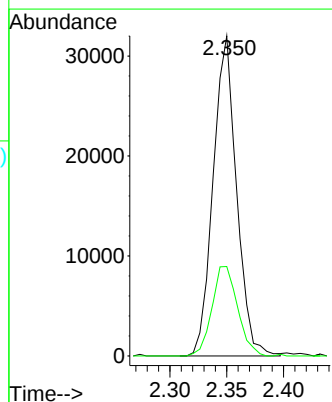
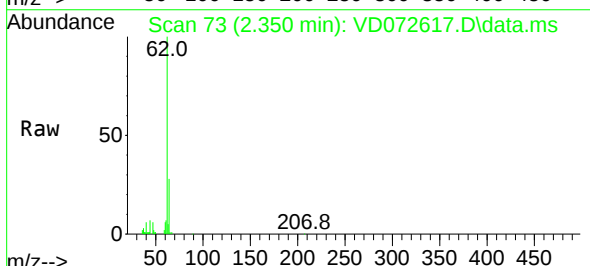
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

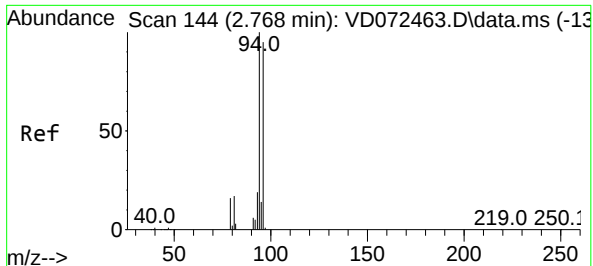
Tgt Ion: 50 Resp: 42662
Ion Ratio Lower Upper
50 100
52 33.2 27.4 41.0



#4
Vinyl Chloride
Concen: 18.078 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 62 Resp: 45862
Ion Ratio Lower Upper
62 100
64 27.9 25.4 38.0

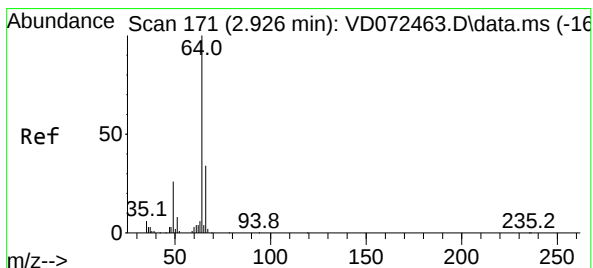
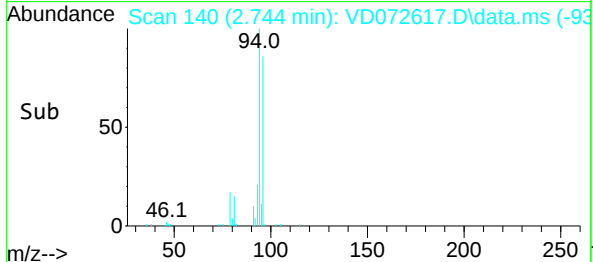
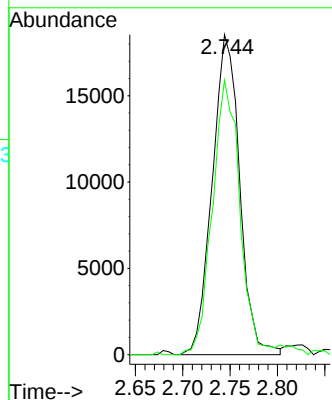
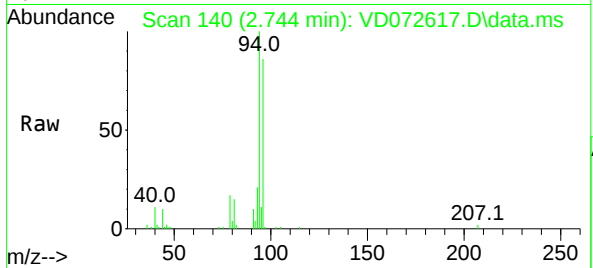




#5
Bromomethane
Concen: 21.175 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.023 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

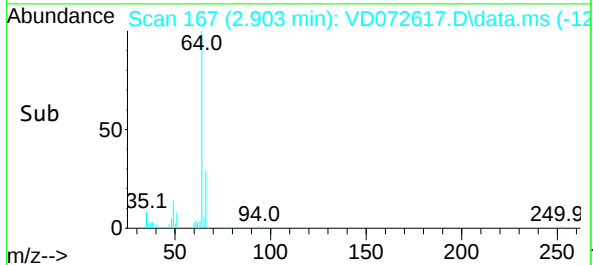
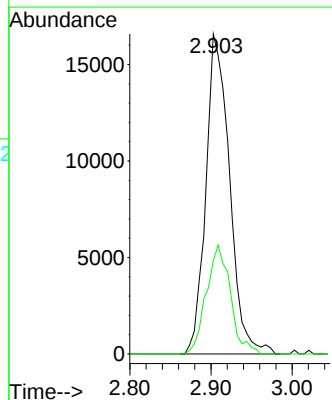
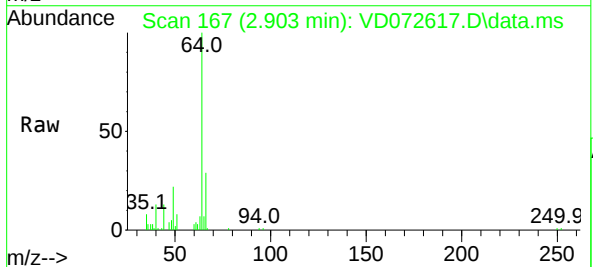
Instrument :
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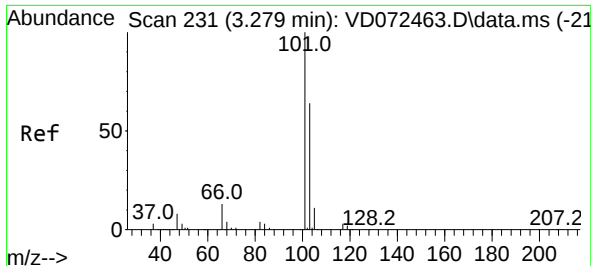
Tgt Ion: 94 Resp: 37289
Ion Ratio Lower Upper
94 100
96 85.8 77.6 116.4



#6
Chloroethane
Concen: 19.977 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.023 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 64 Resp: 33625
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9

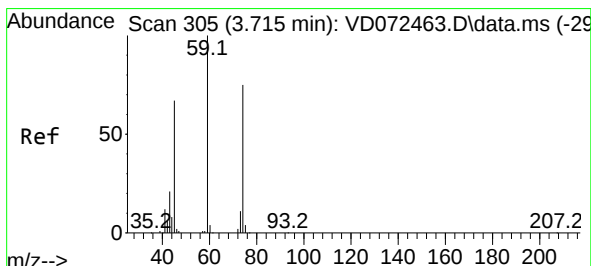
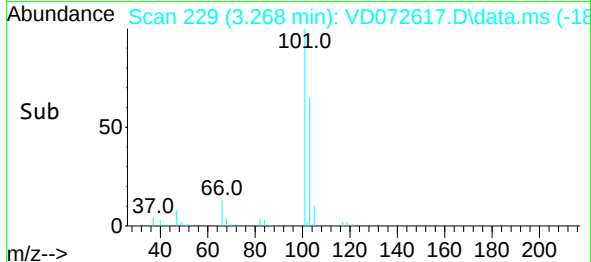
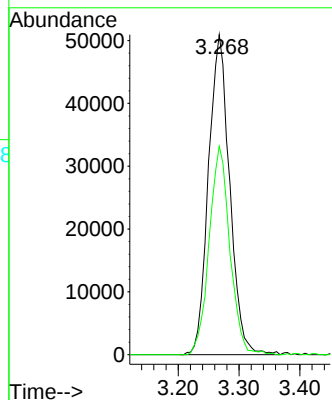
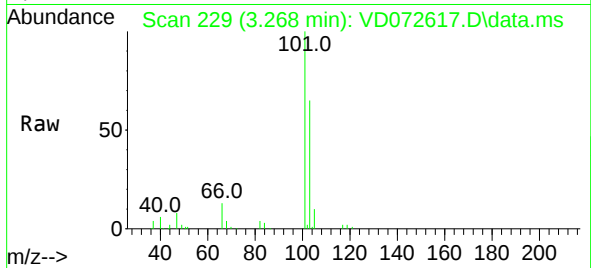




#7
 Trichlorofluoromethane
 Concen: 22.906 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

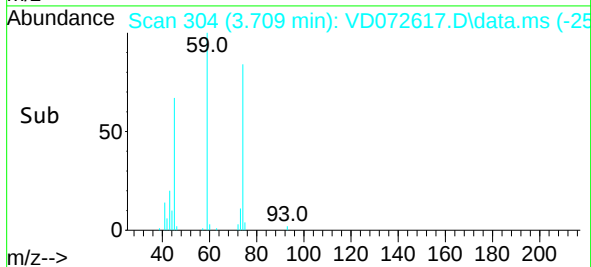
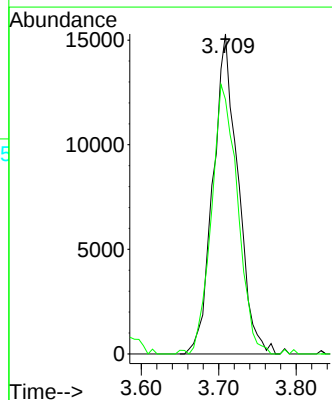
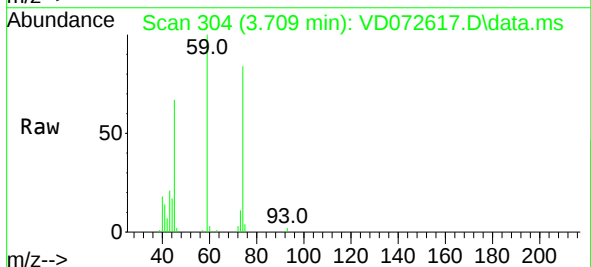
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01

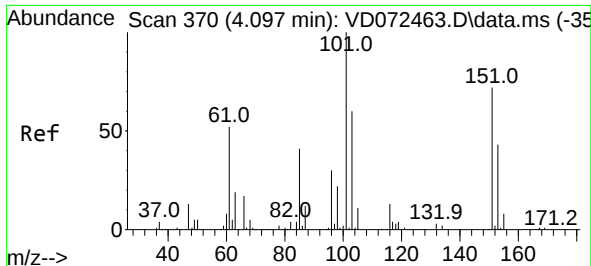
Tgt Ion:101 Resp: 122844
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.446 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion: 74 Resp: 34178
 Ion Ratio Lower Upper
 74 100
 45 88.5 52.6 157.8

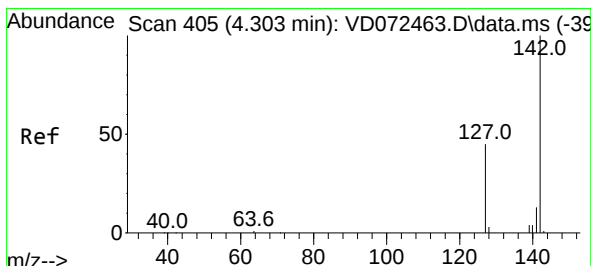
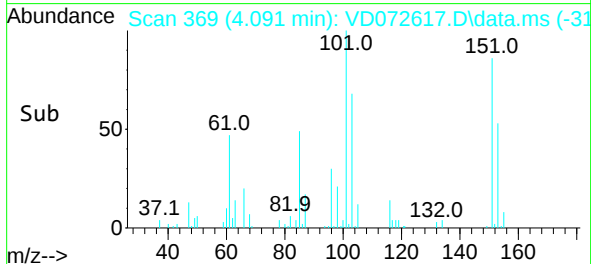
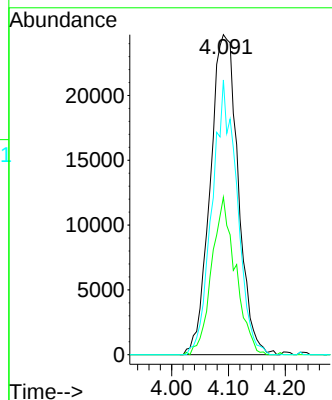
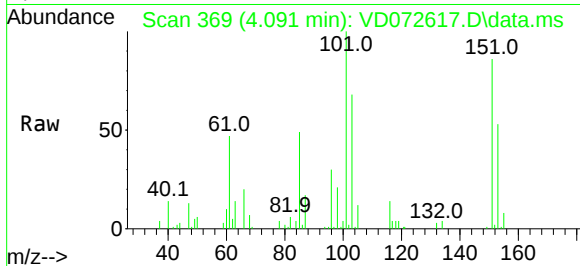




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.585 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

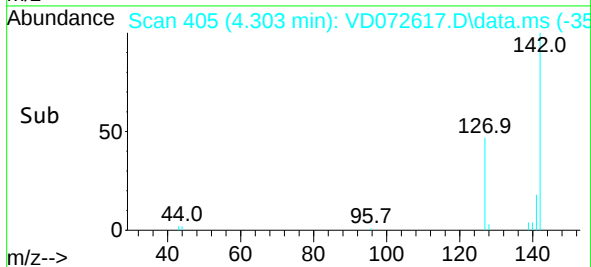
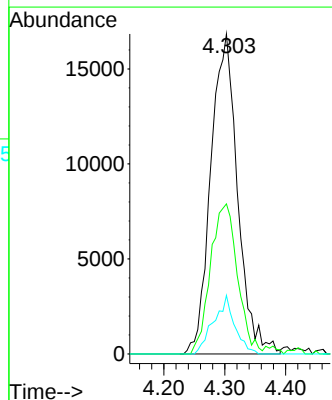
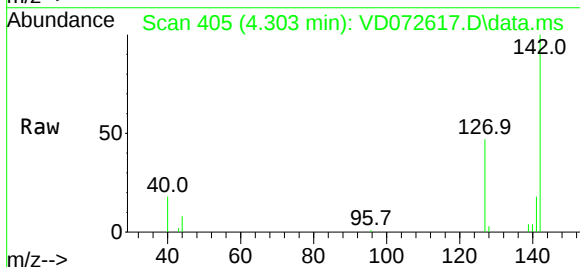
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBS01

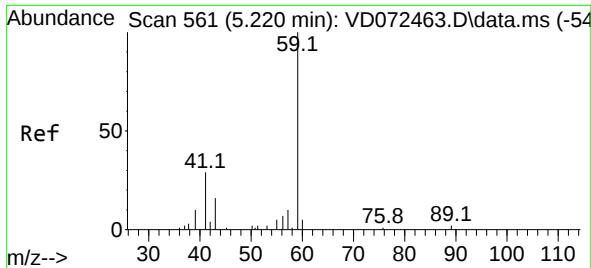
Tgt Ion:101 Resp: 84356
 Ion Ratio Lower Upper
 101 100
 85 42.0 36.4 54.6
 151 76.4 57.3 85.9



#10
 Methyl Iodide
 Concen: 18.023 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion:142 Resp: 51489
 Ion Ratio Lower Upper
 142 100
 127 47.3 37.3 55.9
 141 14.4 11.7 17.5

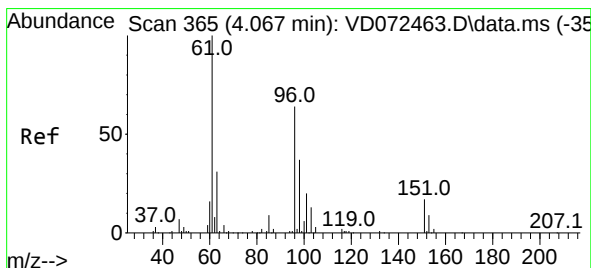
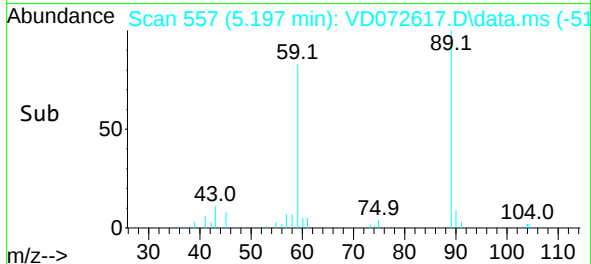
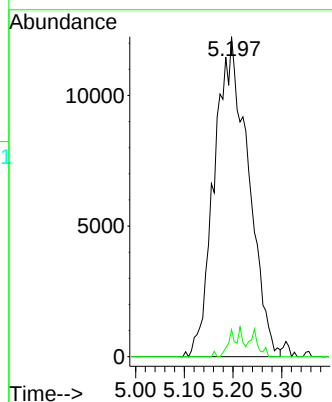
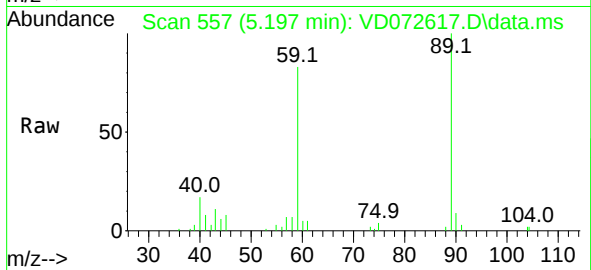




#11
Tert butyl alcohol
Concen: 296.956 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

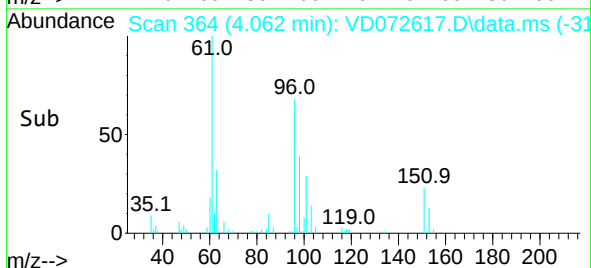
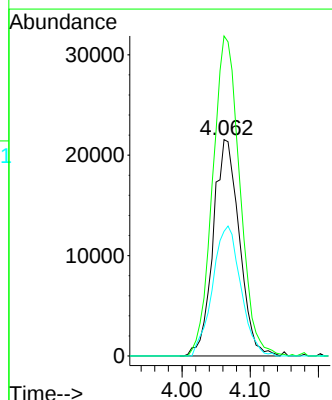
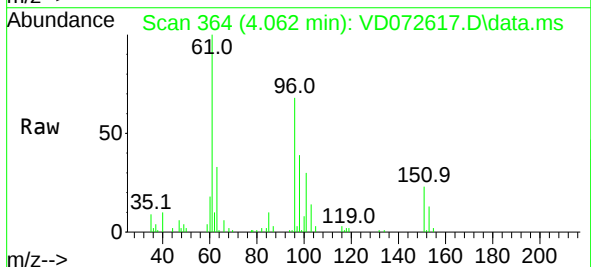
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

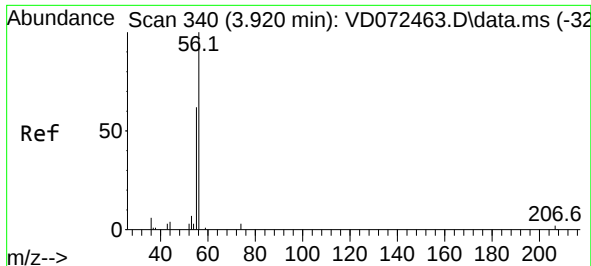
Tgt Ion: 59 Resp: 59059
Ion Ratio Lower Upper
59 100
57 1.9 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 20.602 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 96 Resp: 57607
Ion Ratio Lower Upper
96 100
61 147.9 138.5 207.7
98 57.6 48.6 73.0

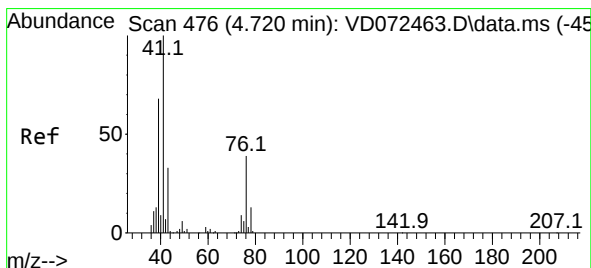
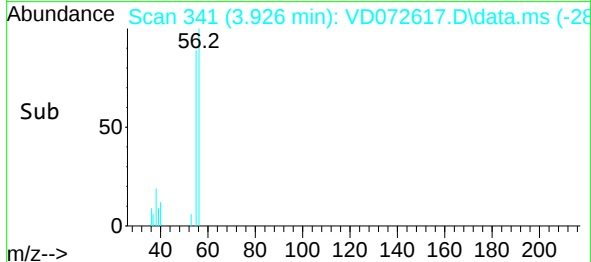
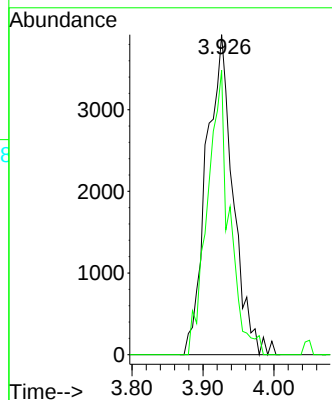
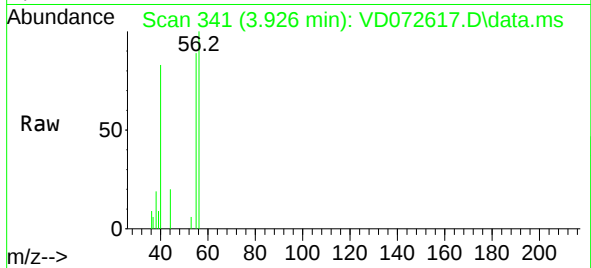




#13
Acrolein
Concen: 116.128 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

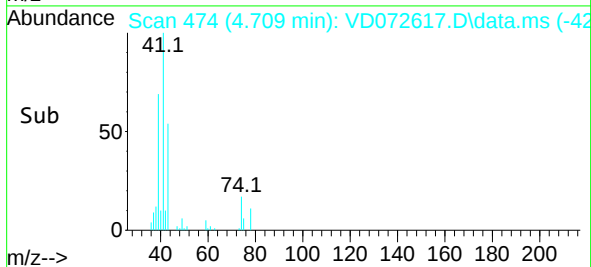
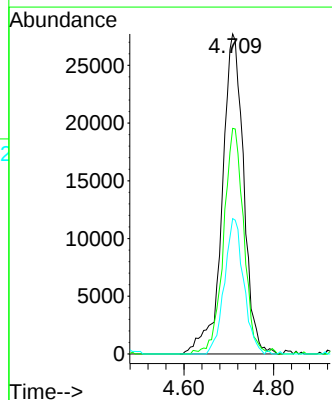
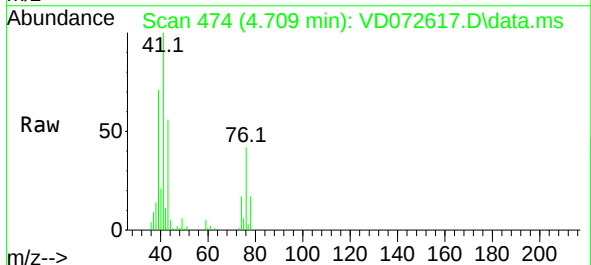
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

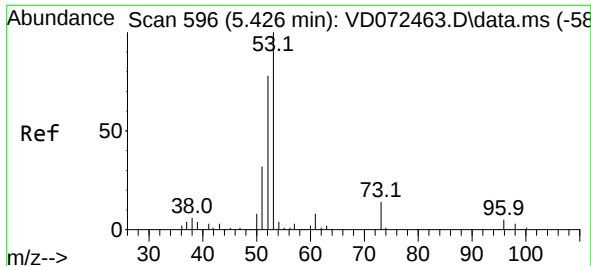
Tgt Ion: 56 Resp: 10249
Ion Ratio Lower Upper
56 100
55 73.6 57.1 85.7



#14
Allyl chloride
Concen: 19.495 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 41 Resp: 92272
Ion Ratio Lower Upper
41 100
39 66.0 59.3 88.9
76 37.9 25.7 38.5

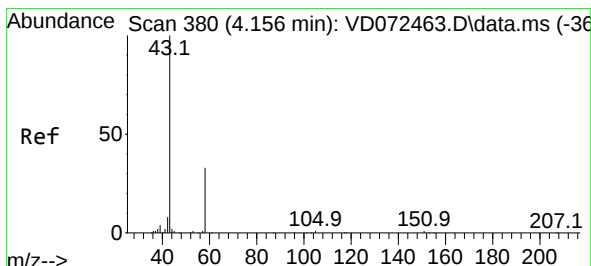
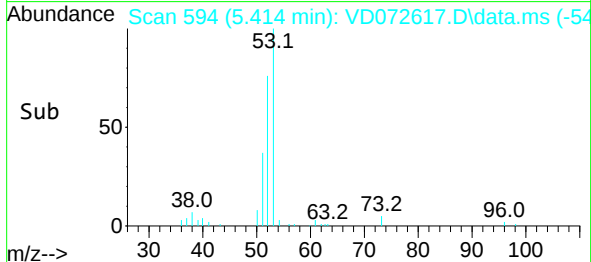
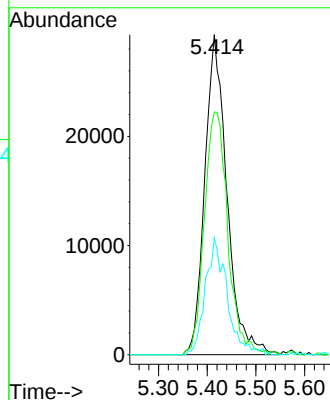
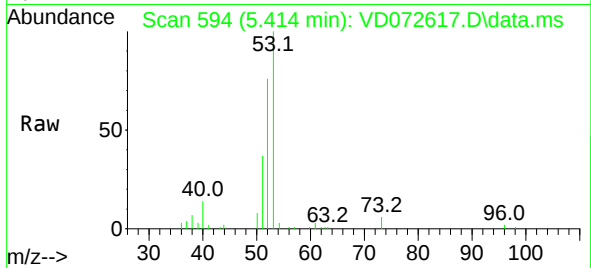




#15
Acrylonitrile
Concen: 115.938 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

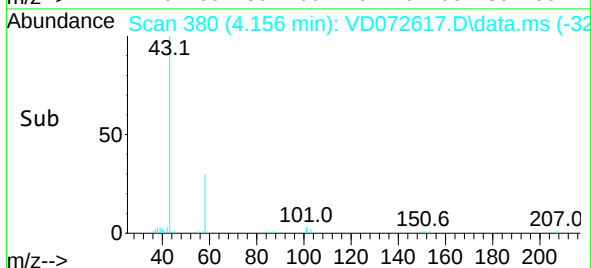
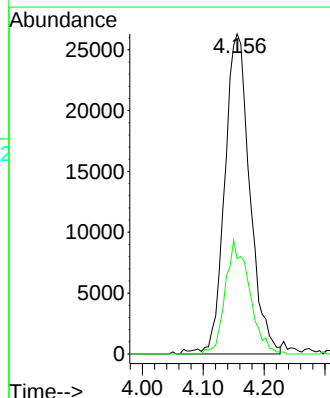
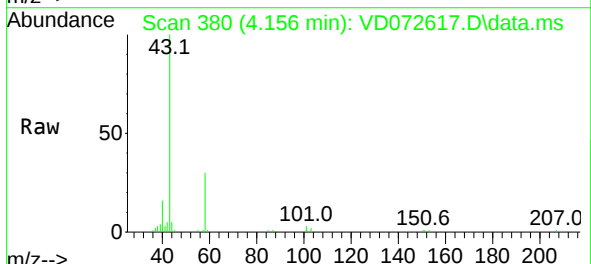
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

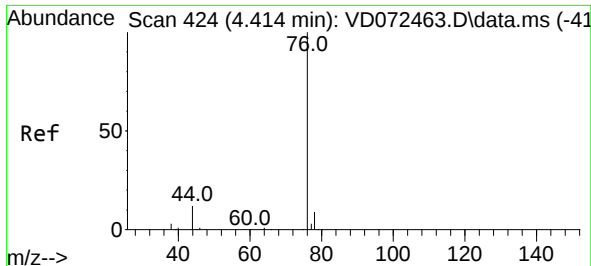
Tgt Ion: 53	Resp: 92405
Ion Ratio	Lower Upper
53 100	
52 80.3	67.2 100.8
51 36.1	30.3 45.5



#16
Acetone
Concen: 107.245 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 43	Resp: 75312
Ion Ratio	Lower Upper
43 100	
58 29.8	22.1 33.1

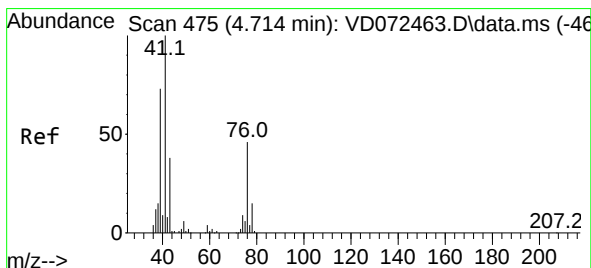
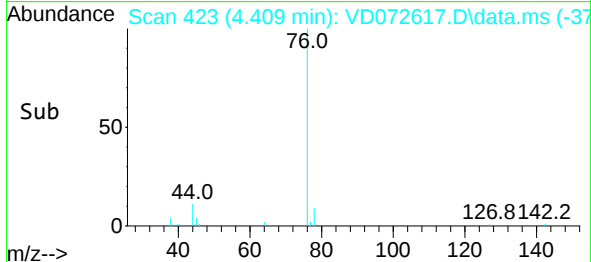
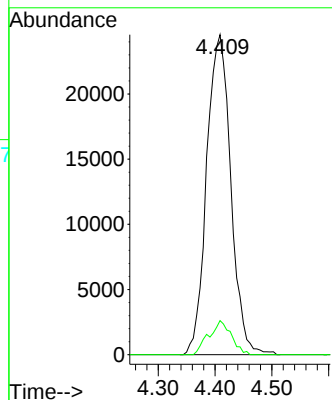
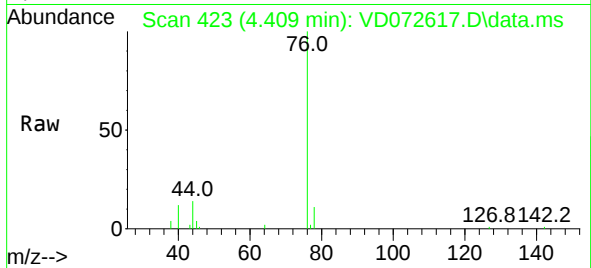




#17
Carbon Disulfide
Concen: 14.719 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

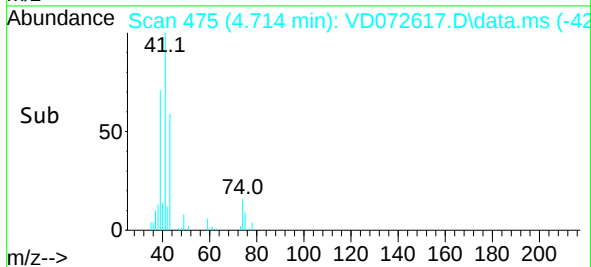
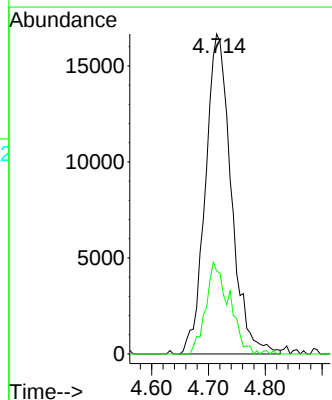
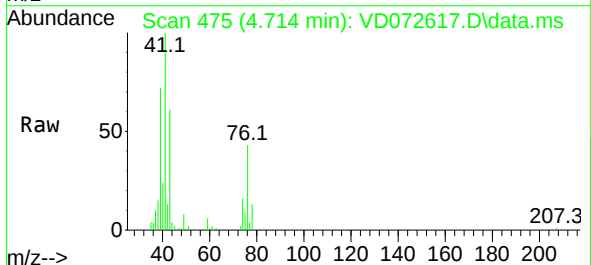
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

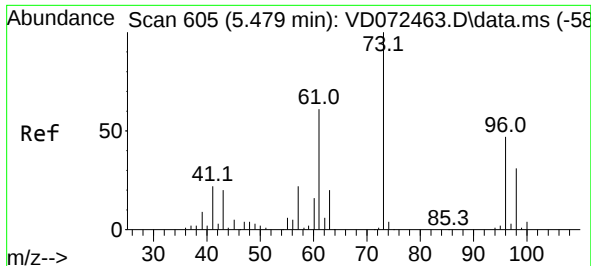
Tgt Ion: 76 Resp: 72432
Ion Ratio Lower Upper
76 100
78 10.6 7.5 11.3



#18
Methyl Acetate
Concen: 26.574 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 43 Resp: 52574
Ion Ratio Lower Upper
43 100
74 26.1 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 22.694 ug/l

RT: 5.467 min Scan# 605

Delta R.T. -0.012 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

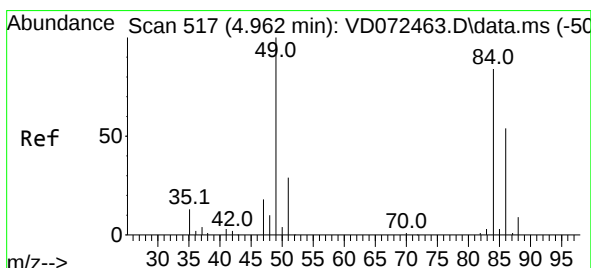
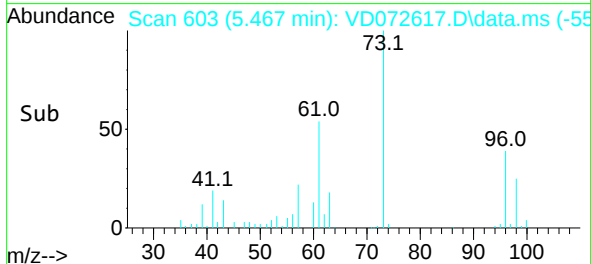
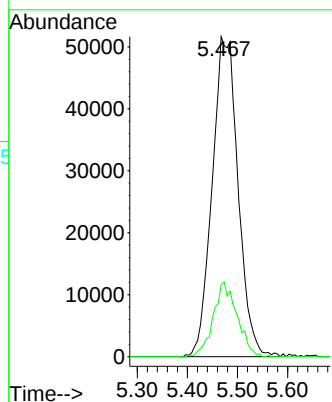
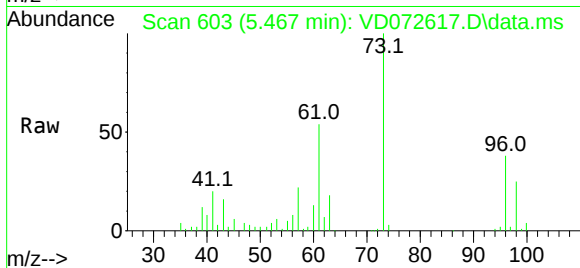
VD0419SBSD01

Tgt Ion: 73 Resp: 185220

Ion Ratio Lower Upper

73 100

57 22.5 18.0 27.0



#20

Methylene Chloride

Concen: 25.013 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Tgt Ion: 84 Resp: 104569

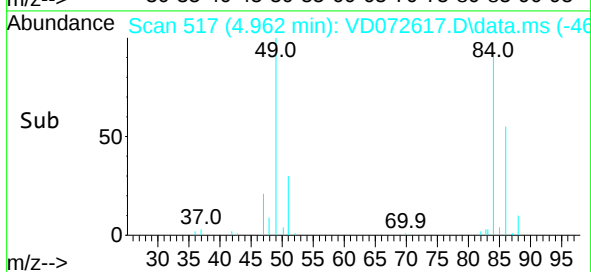
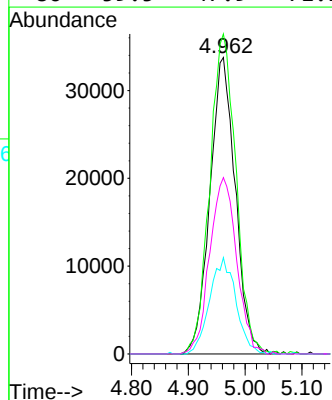
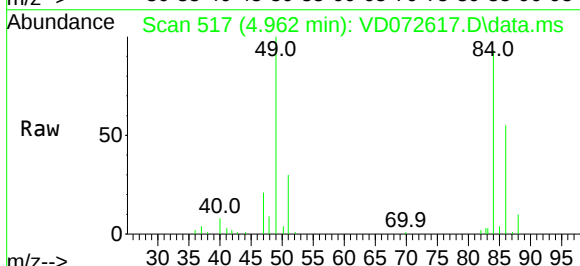
Ion Ratio Lower Upper

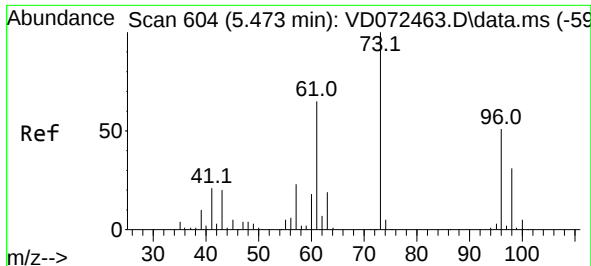
84 100

49 107.9 112.8 169.2#

51 32.5 32.6 48.8#

86 59.5 47.9 71.9

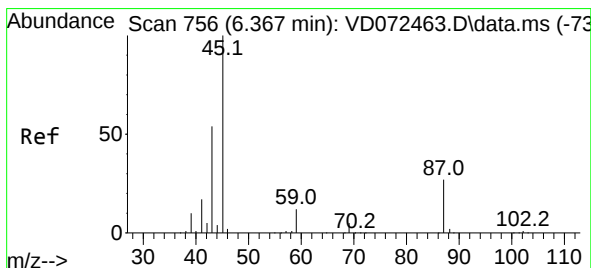
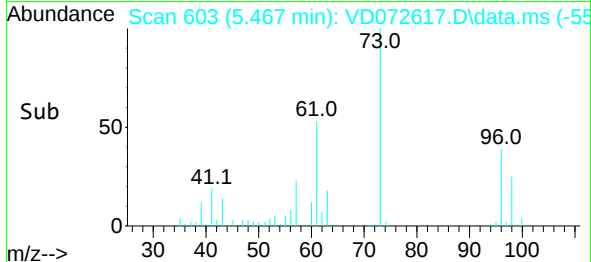
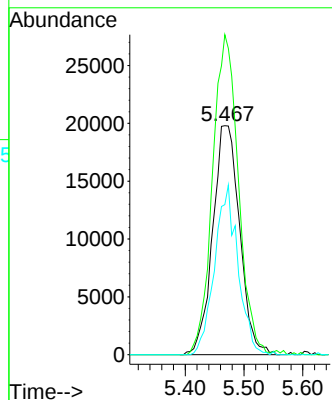
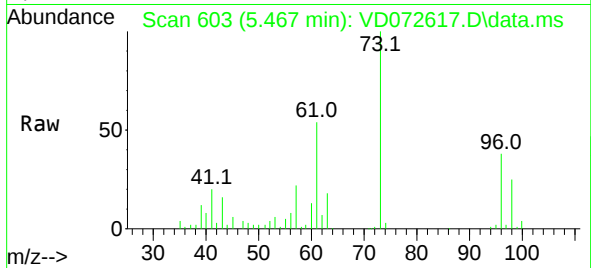




#21
trans-1,2-Dichloroethene
Concen: 18.930 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

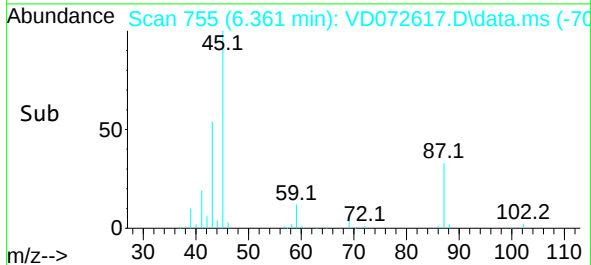
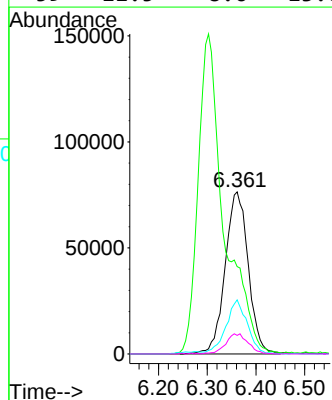
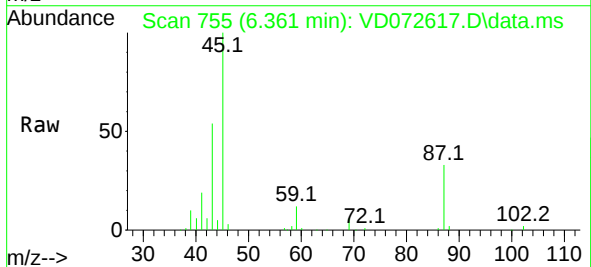
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

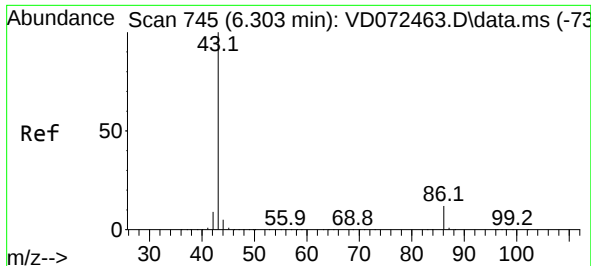
Tgt Ion: 96 Resp: 62985
Ion Ratio Lower Upper
96 100
61 139.8 117.9 176.9
98 65.5 49.4 74.2



#22
Diisopropyl ether
Concen: 22.412 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 45 Resp: 251788
Ion Ratio Lower Upper
45 100
43 53.1 46.6 70.0
87 33.1 18.4 27.6#
59 11.5 8.6 13.0

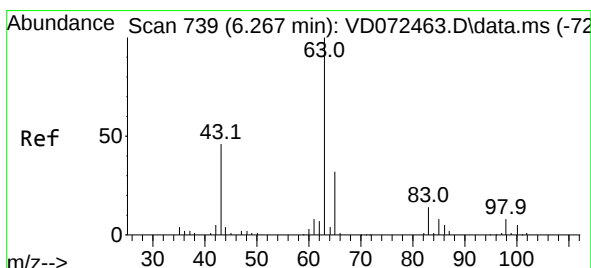
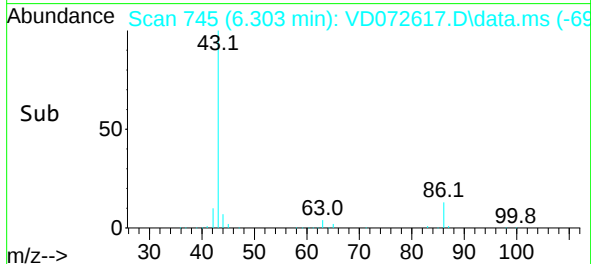
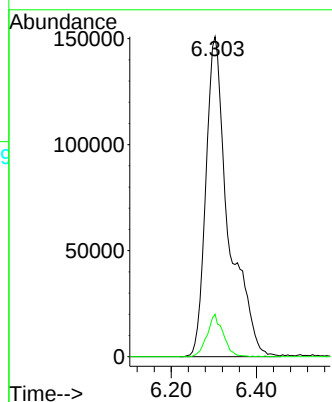
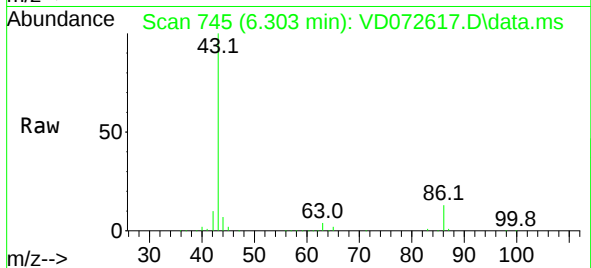




#23
 Vinyl Acetate
 Concen: 96.240 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

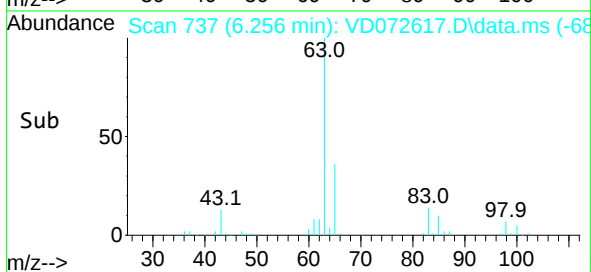
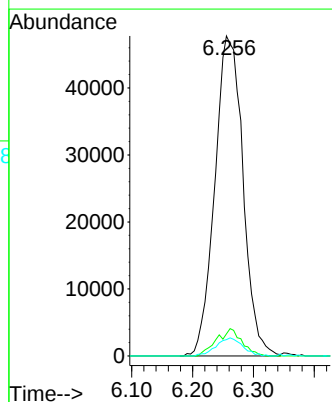
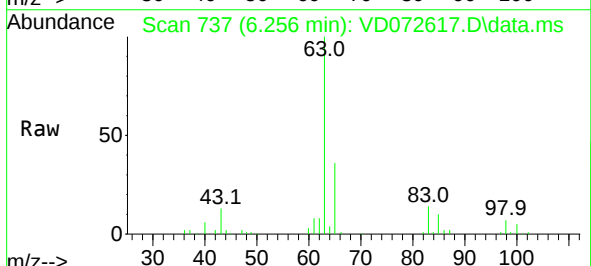
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01

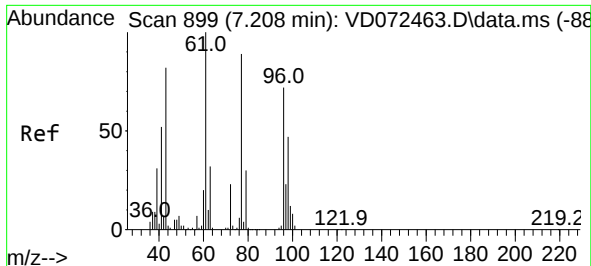
Tgt Ion: 43 Resp: 557567
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.647 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion: 63 Resp: 153313
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 5.1 2.1 6.5

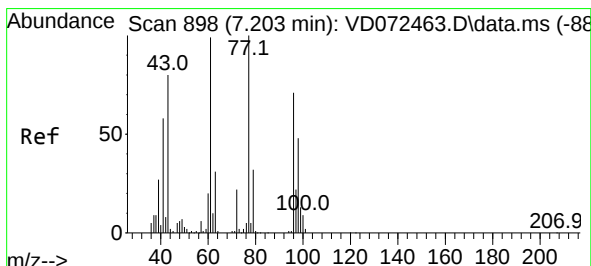
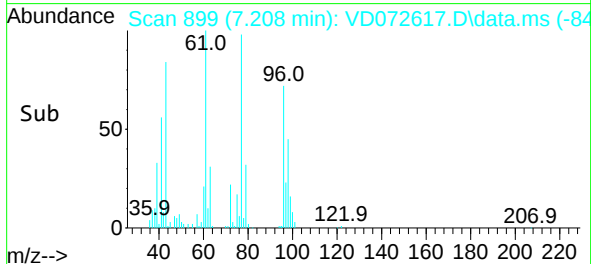
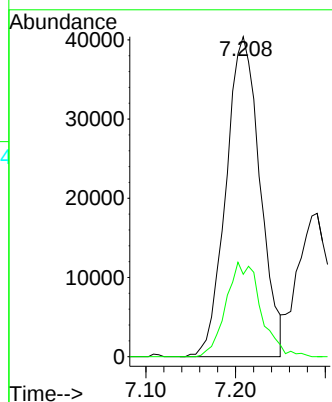
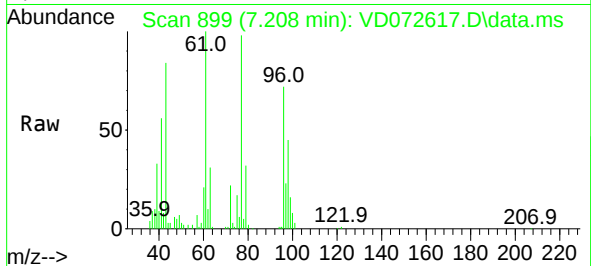




#25
2-Butanone
Concen: 109.710 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

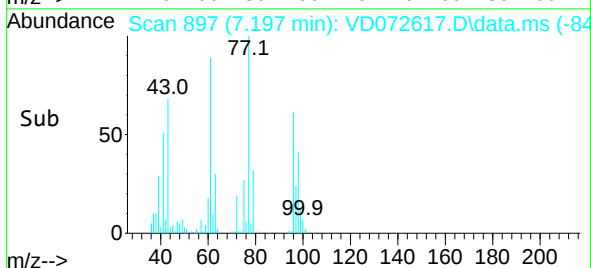
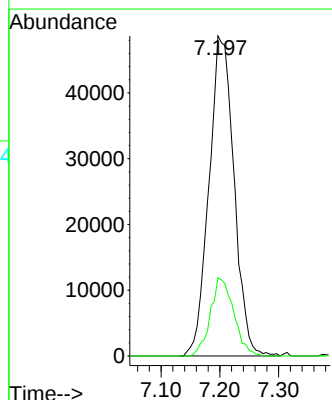
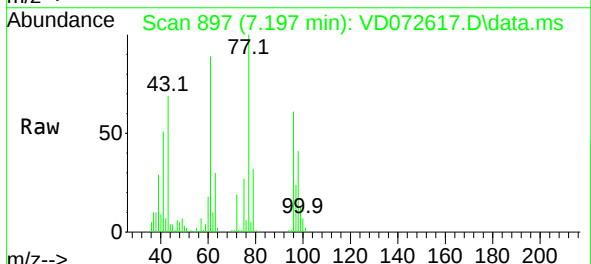
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

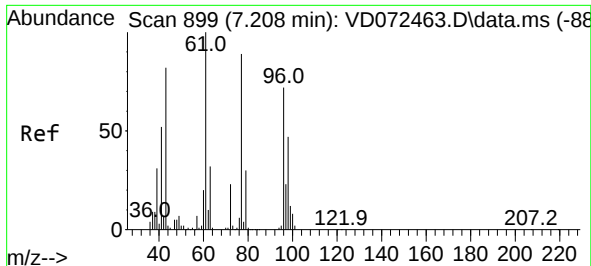
Tgt Ion: 43 Resp: 106553
Ion Ratio Lower Upper
43 100
72 25.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 23.963 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 77 Resp: 144091
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4

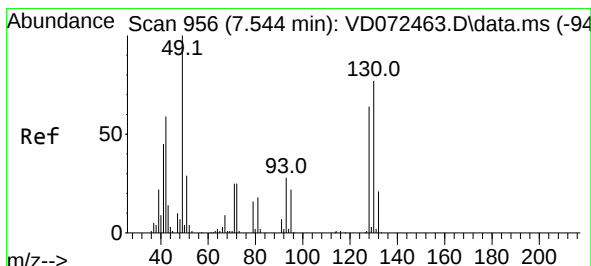
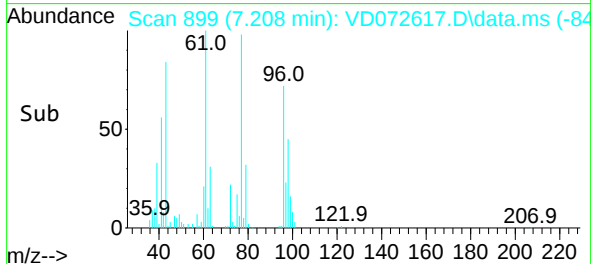
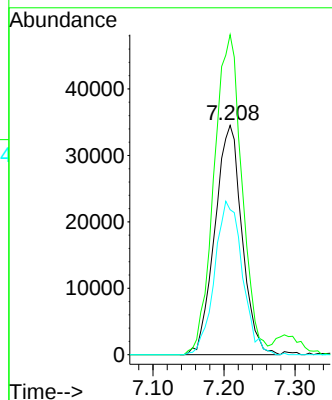
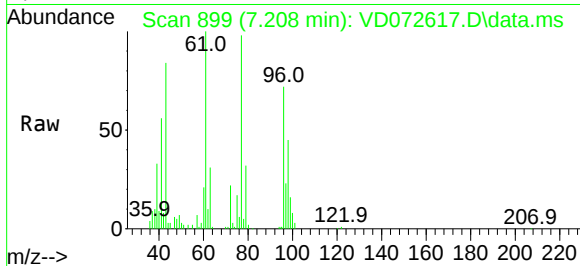




#27
 cis-1,2-Dichloroethene
 Concen: 21.576 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

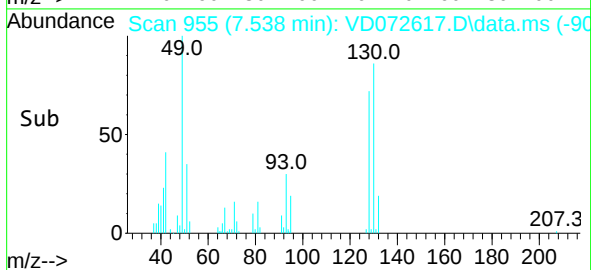
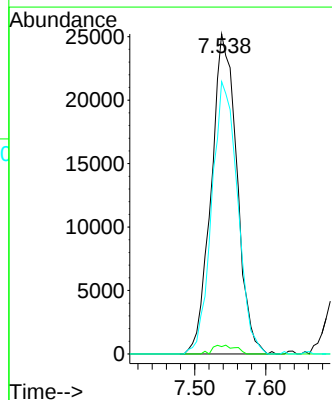
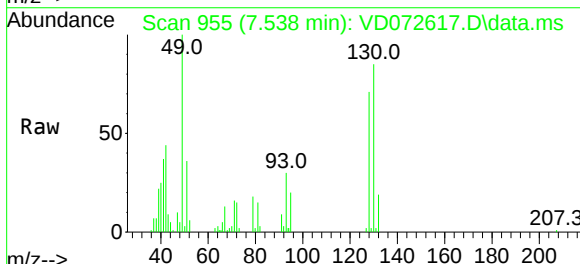
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01

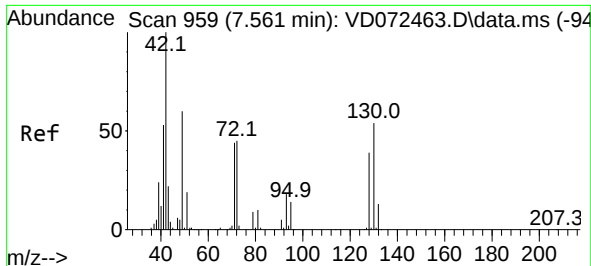
Tgt Ion: 96 Resp: 91602
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 313.8
 98 68.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.773 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion: 49 Resp: 63158
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 85.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 106.397 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072617.D

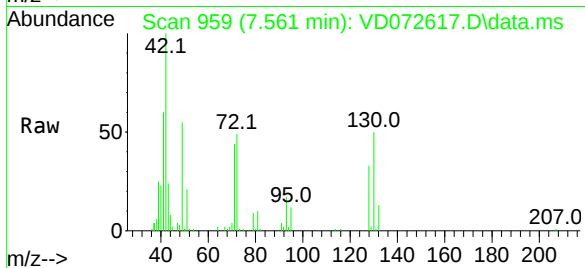
Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01



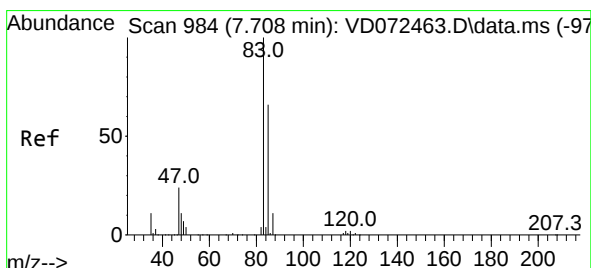
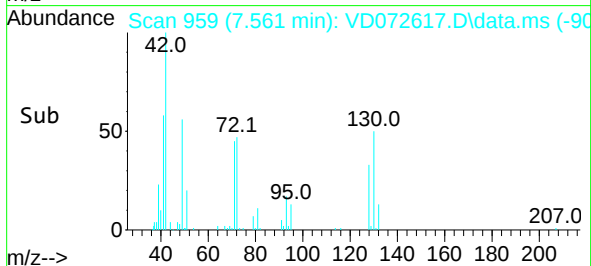
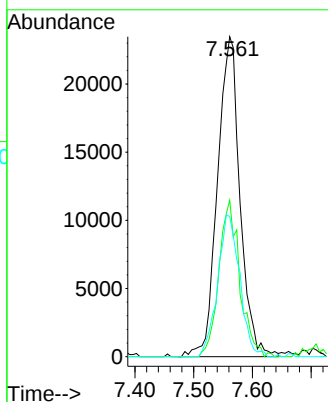
Tgt Ion: 42 Resp: 62388

Ion Ratio Lower Upper

42 100

72 45.5 30.7 46.1

71 43.4 28.6 43.0#



#30

Chloroform

Concen: 24.118 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072617.D

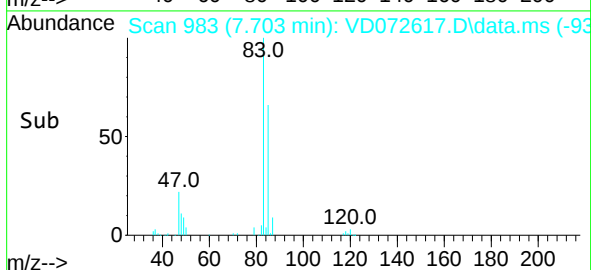
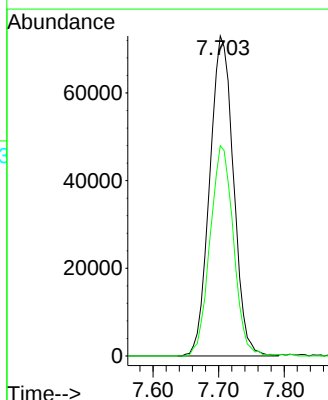
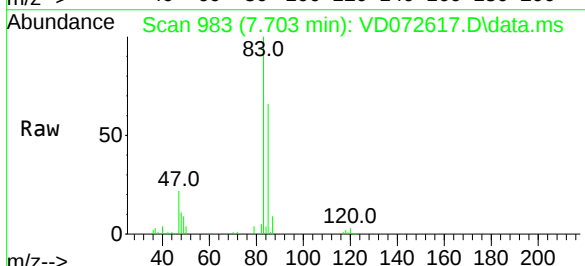
Acq: 19 Apr 2022 11:35

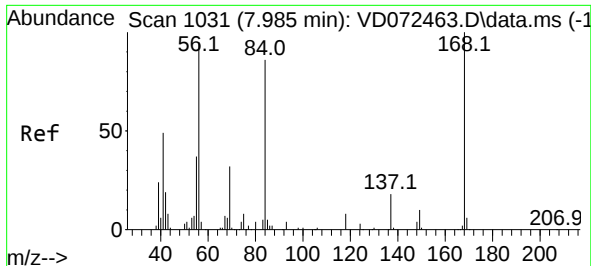
Tgt Ion: 83 Resp: 183663

Ion Ratio Lower Upper

83 100

85 65.7 52.7 79.1





#31

Cyclohexane

Concen: 18.907 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD072617.D

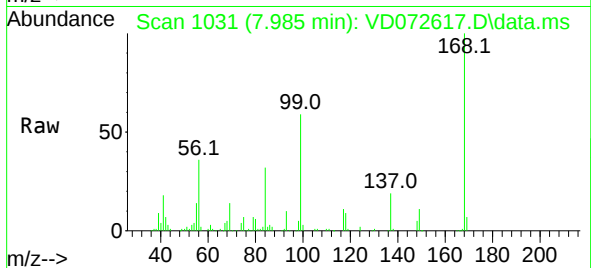
Acq: 19 Apr 2022 11:35

Instrument :

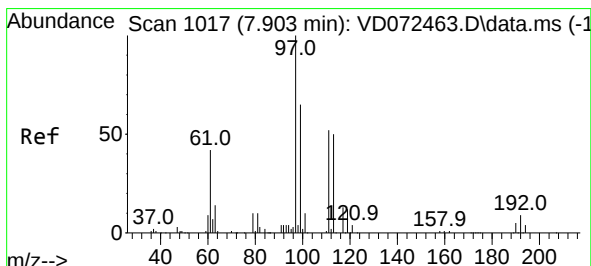
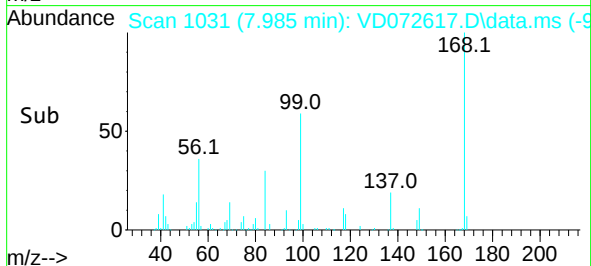
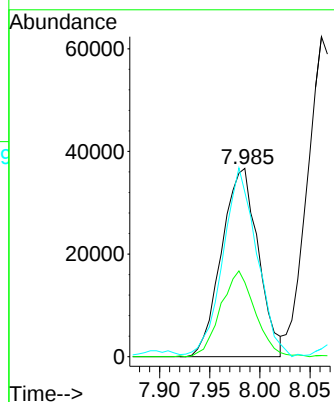
MSVOA_D

ClientSampleId :

VD0419SBSD01



Tgt Ion:	56	Resp:	93104
Ion Ratio	Lower	Upper	
56	100		
69	39.0	25.4	38.2#
84	86.3	63.0	94.4



#32

1,1,1-Trichloroethane

Concen: 24.490 ug/l

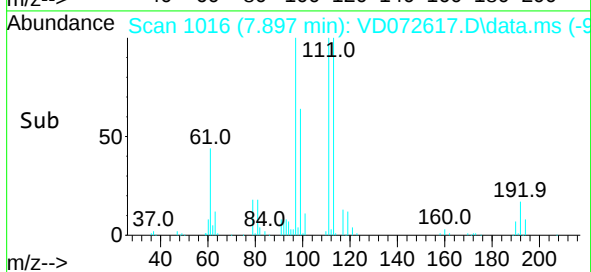
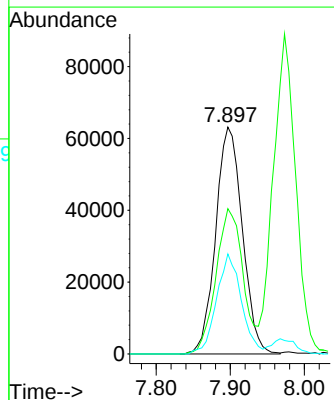
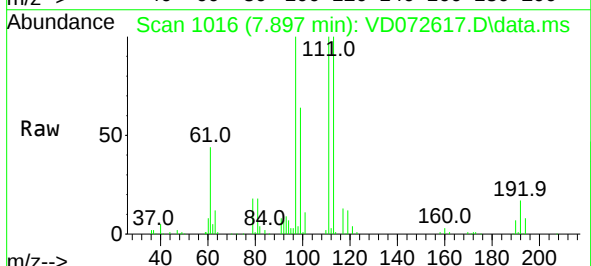
RT: 7.897 min Scan# 1016

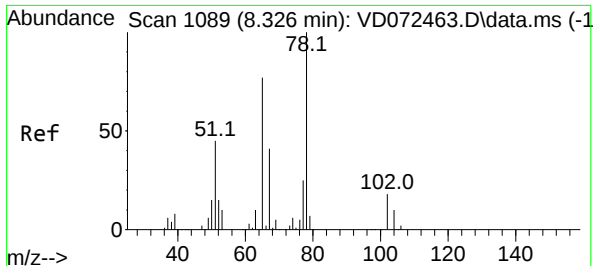
Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Tgt Ion:	97	Resp:	158179
Ion Ratio	Lower	Upper	
97	100		
99	65.7	52.4	78.6
61	40.9	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 48.730 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

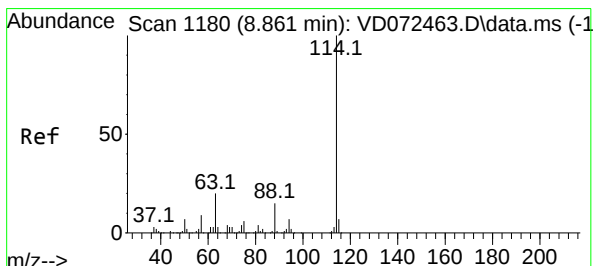
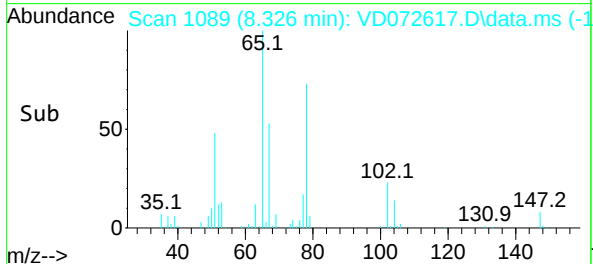
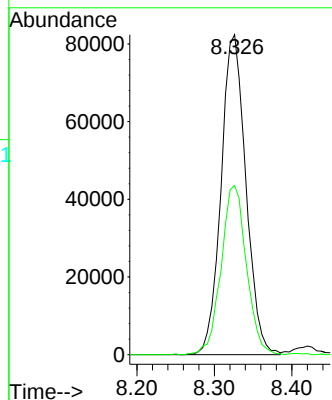
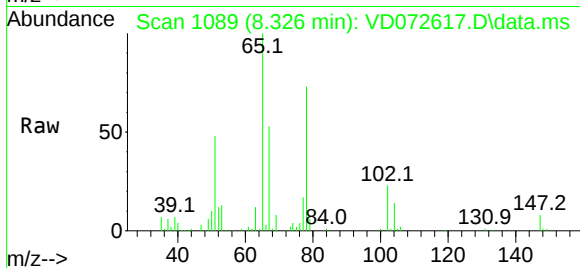
VD0419SBS01

Tgt Ion: 65 Resp: 183518

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

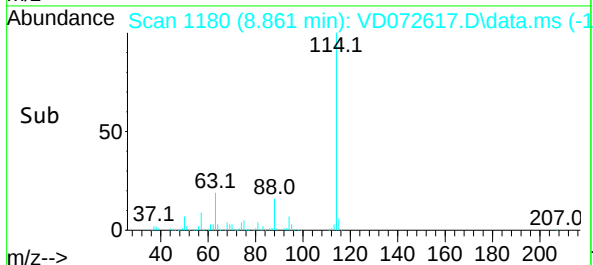
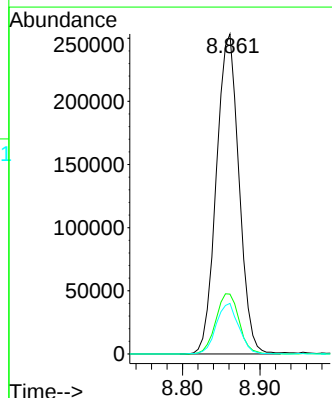
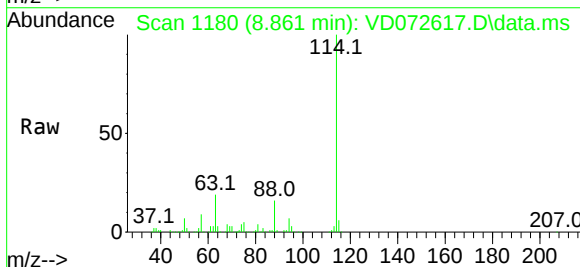
Tgt Ion: 114 Resp: 514846

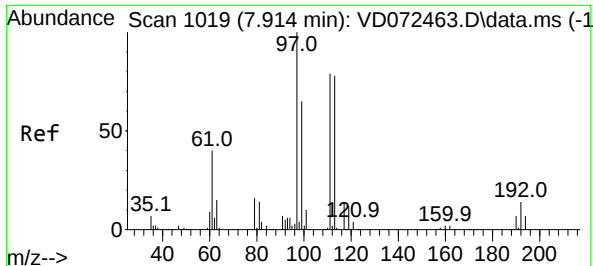
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.075 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

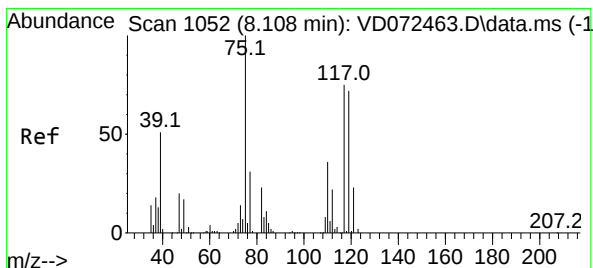
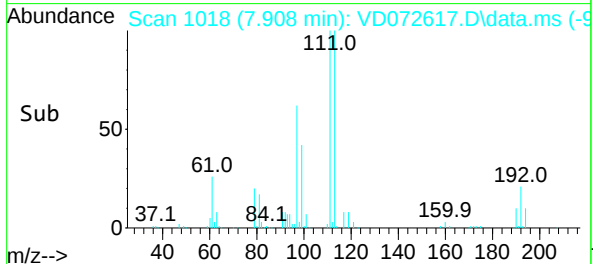
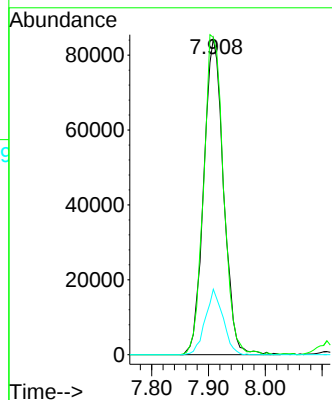
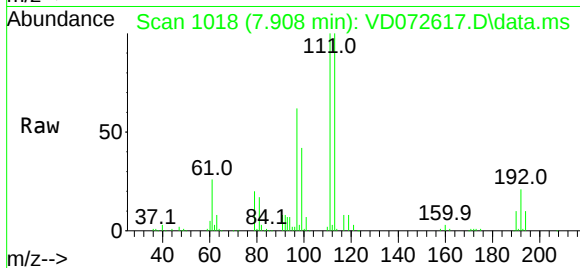
Tgt Ion:113 Resp: 204356

Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.132 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

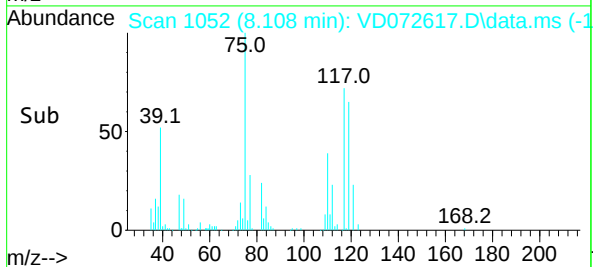
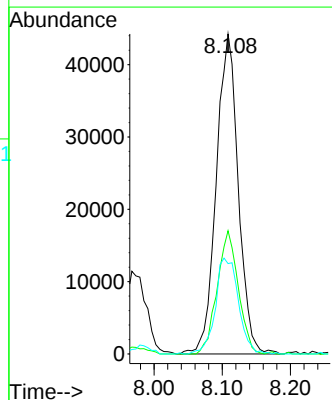
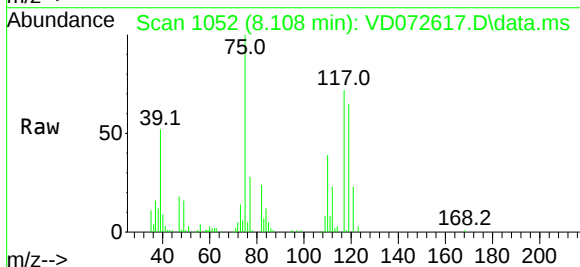
Tgt Ion: 75 Resp: 99426

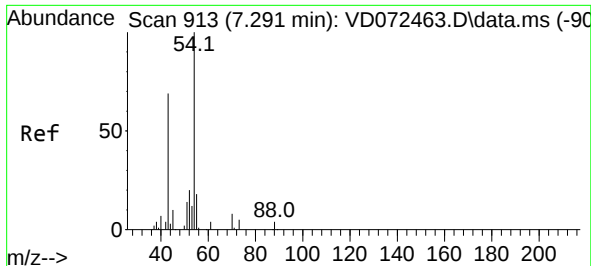
Ion Ratio Lower Upper

75 100

110 36.9 16.4 49.1

77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 22.517 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

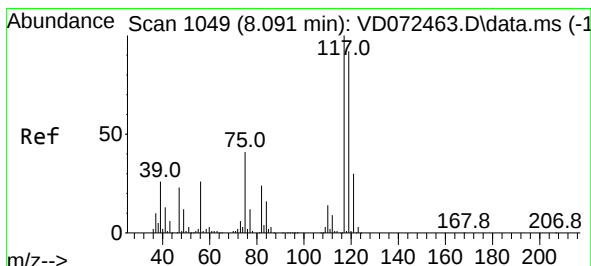
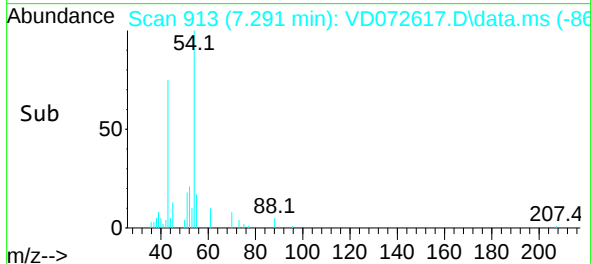
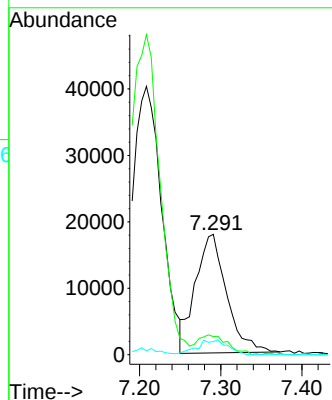
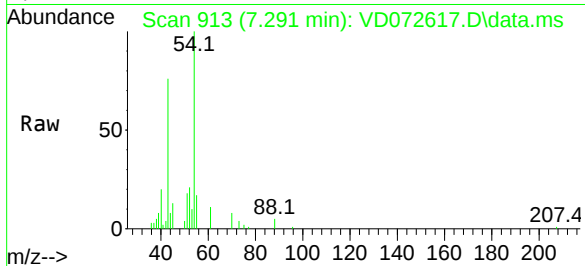
Tgt Ion: 43 Resp: 47737

Ion Ratio Lower Upper

43 100

61 16.2 9.8 14.8#

70 12.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 24.095 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

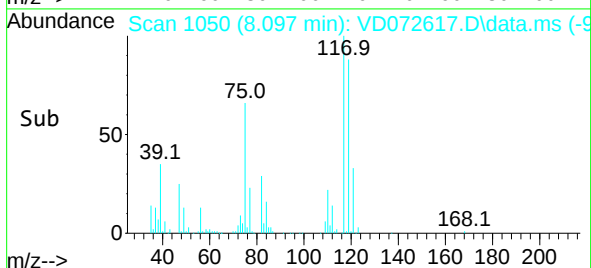
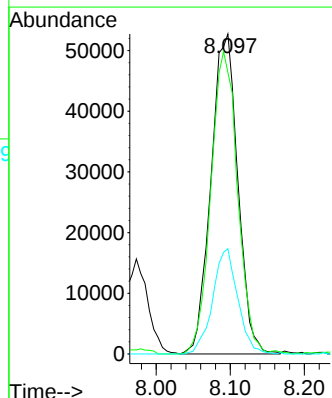
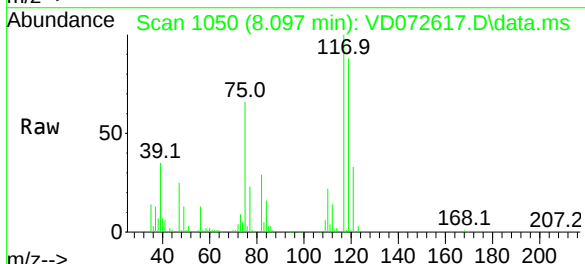
Tgt Ion: 117 Resp: 132814

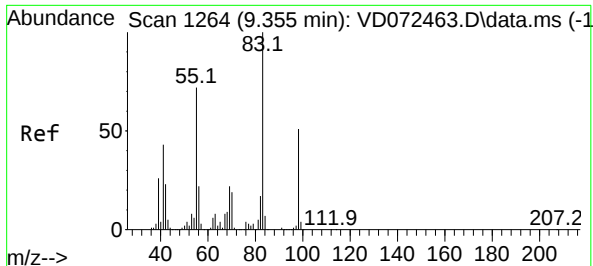
Ion Ratio Lower Upper

117 100

119 88.0 75.8 113.6

121 32.9 24.5 36.7





#39

Methylcyclohexane

Concen: 18.214 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

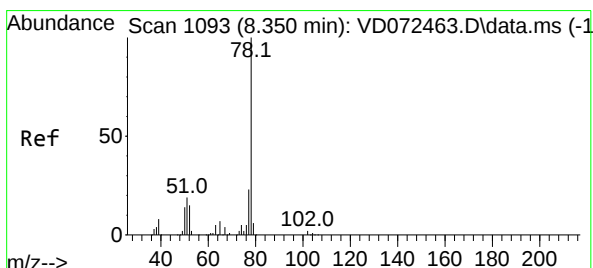
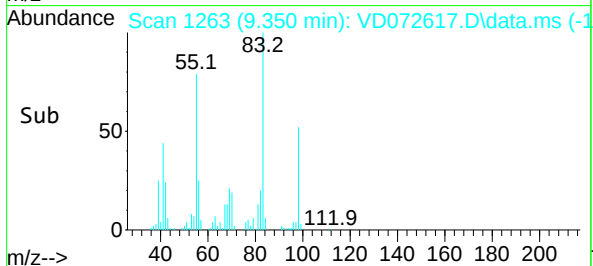
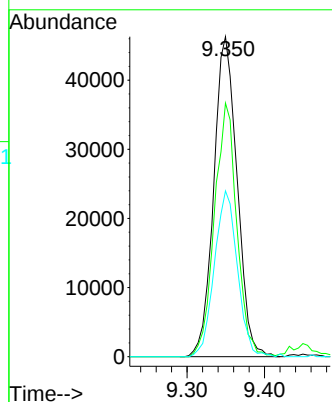
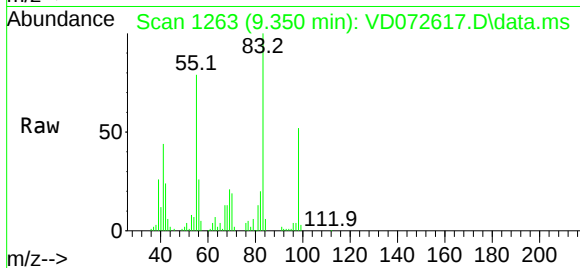
Tgt Ion: 83 Resp: 96906

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

98 51.8 38.2 57.4



#40

Benzene

Concen: 22.227 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072617.D

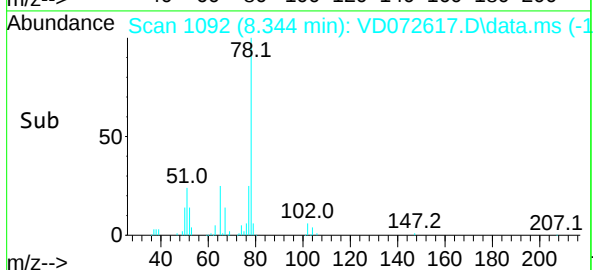
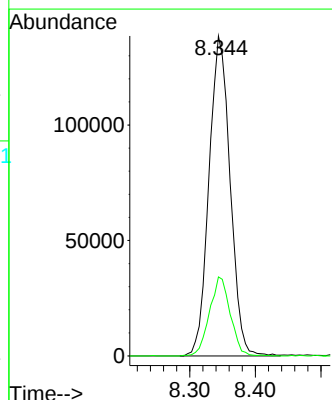
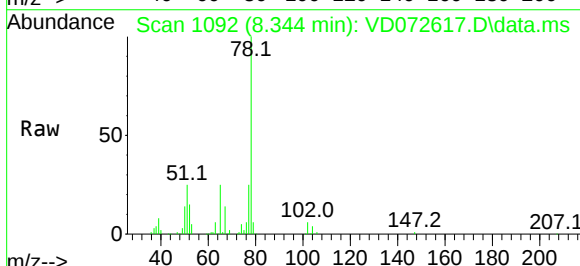
Acq: 19 Apr 2022 11:35

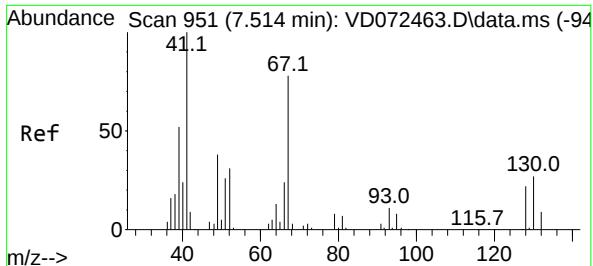
Tgt Ion: 78 Resp: 310587

Ion Ratio Lower Upper

78 100

77 24.7 19.1 28.7

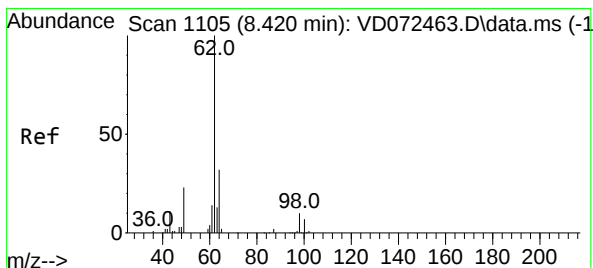
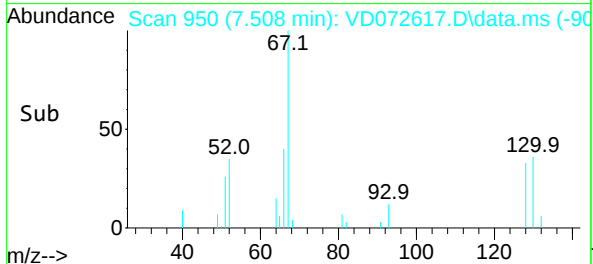
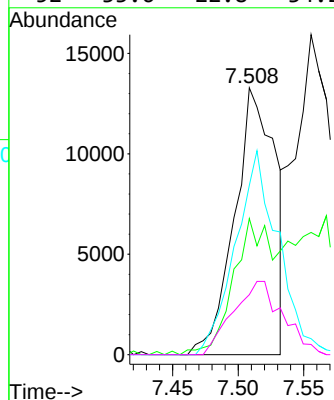
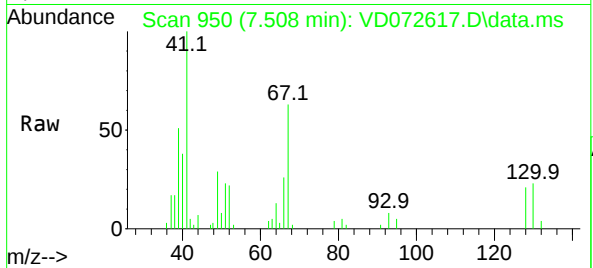




#41
Methacrylonitrile
Concen: 23.953 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

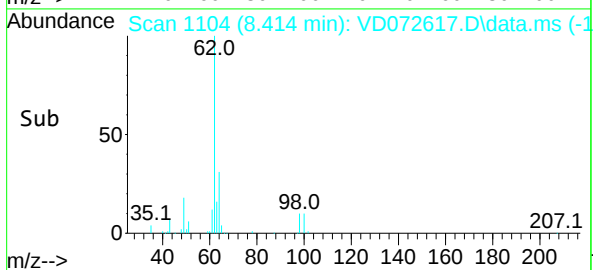
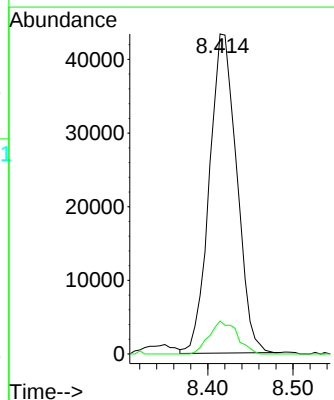
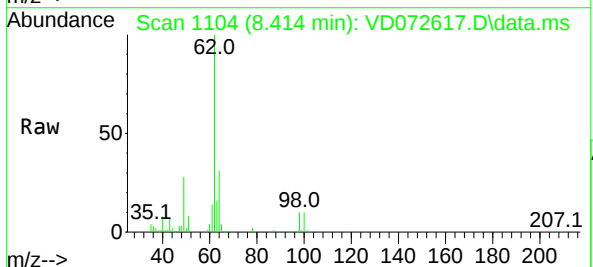
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

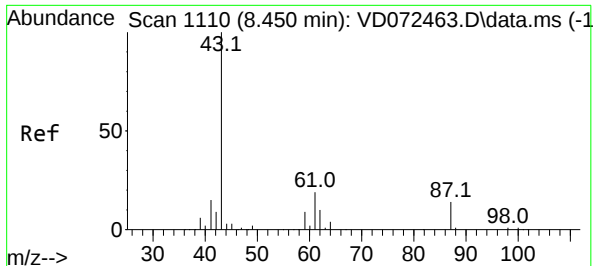
Tgt Ion:	41	Resp:	28571
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.6	67.0
67	80.9	48.2	72.4#
52	33.6	22.8	34.2



#42
1,2-Dichloroethane
Concen: 22.652 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:	62	Resp:	96745
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.688 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

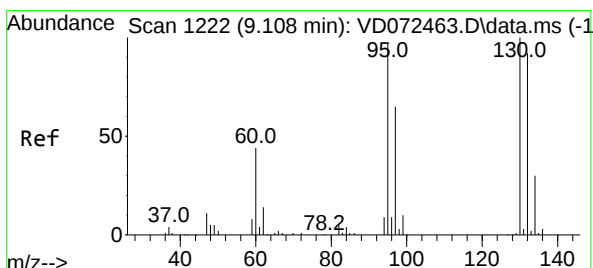
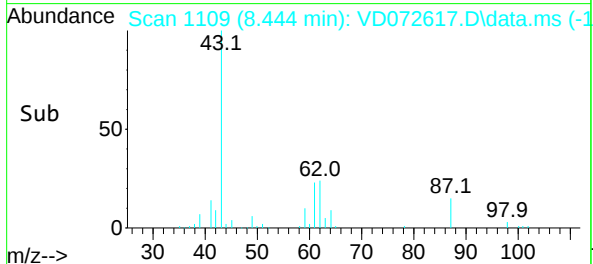
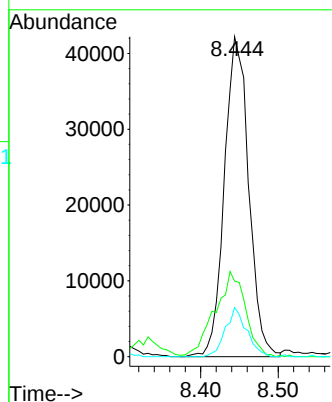
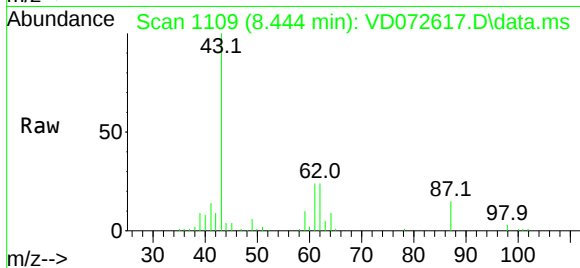
Tgt Ion: 43 Resp: 92265

Ion Ratio Lower Upper

43 100

61 33.4 22.4 33.6

87 13.4 8.7 13.1#



#44

Trichloroethene

Concen: 22.027 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072617.D

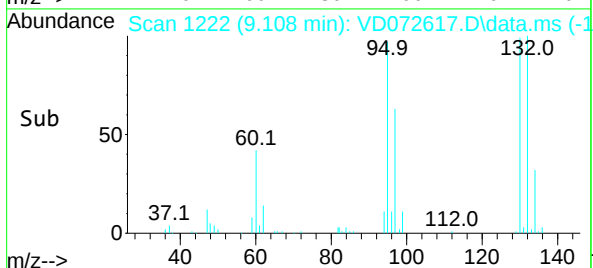
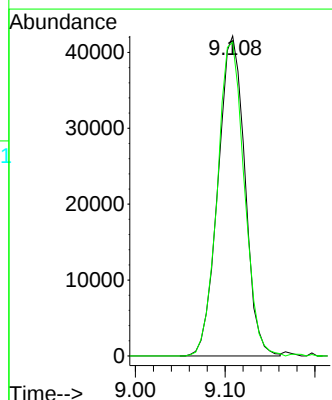
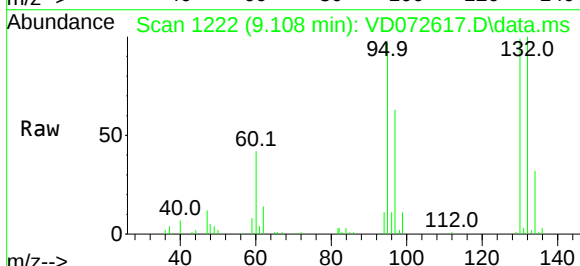
Acq: 19 Apr 2022 11:35

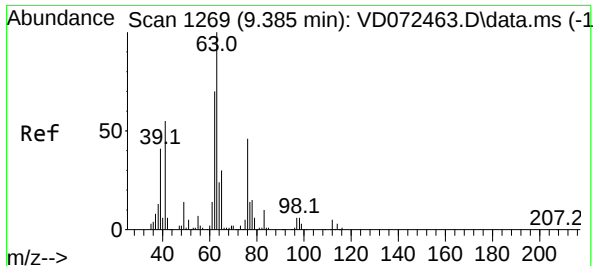
Tgt Ion:130 Resp: 87382

Ion Ratio Lower Upper

130 100

95 98.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 23.570 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

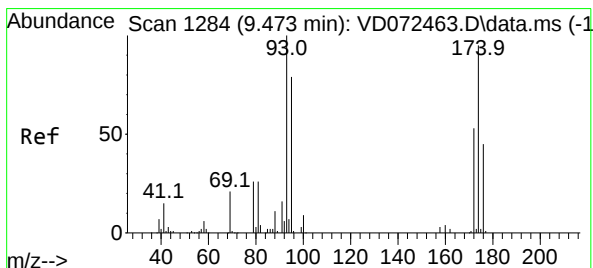
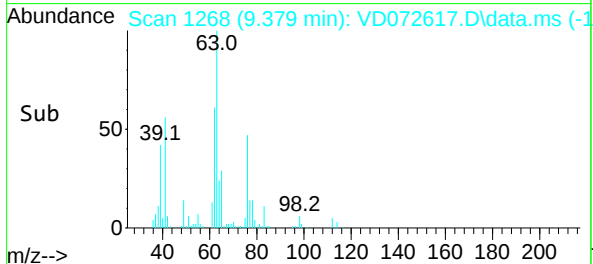
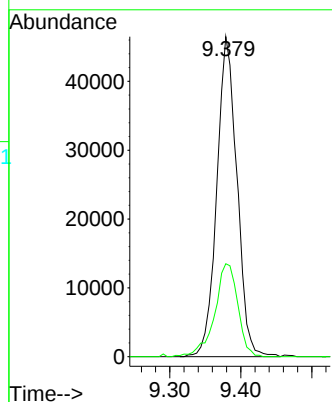
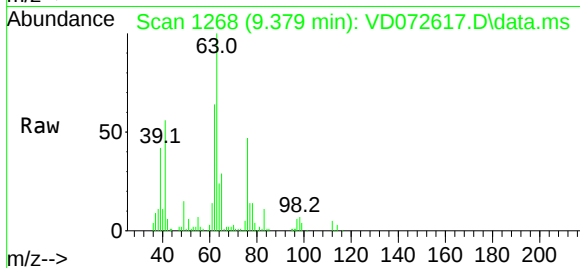
VD0419SBS01

Tgt Ion: 63 Resp: 91618

Ion Ratio Lower Upper

63 100

65 29.1 26.2 39.4



#46

Dibromomethane

Concen: 23.060 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

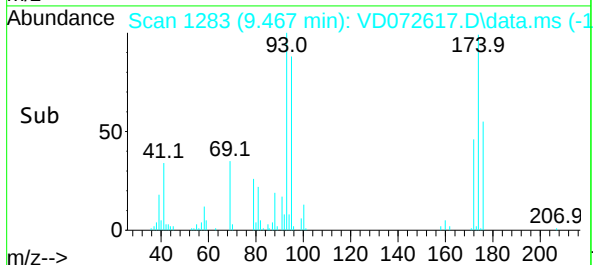
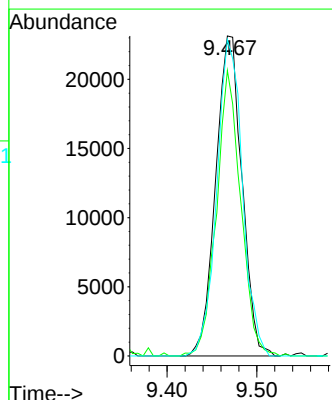
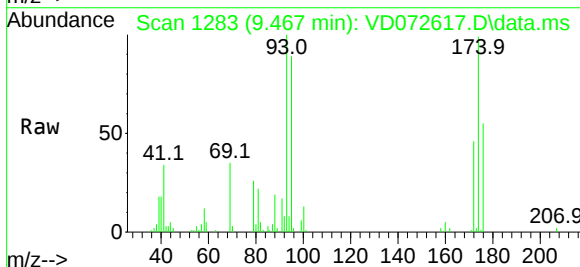
Tgt Ion: 93 Resp: 47027

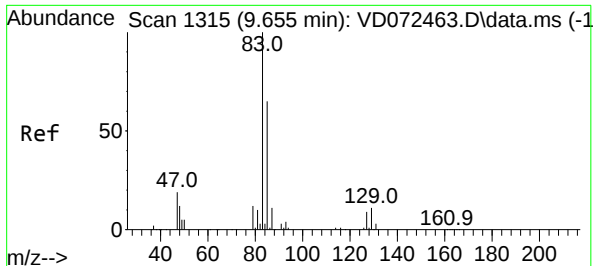
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 96.4 71.6 107.4

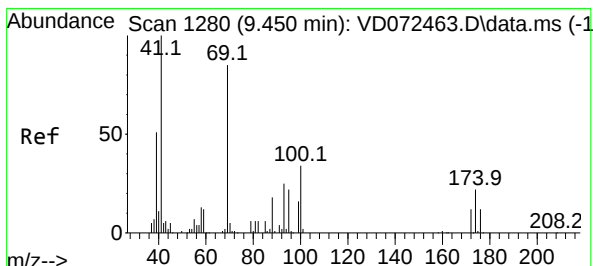
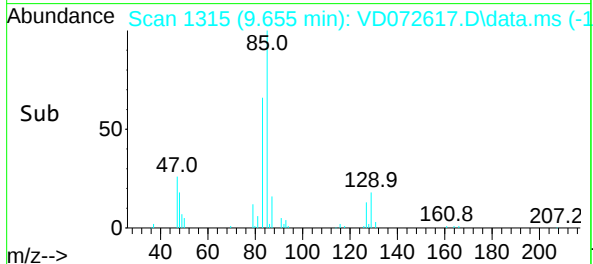
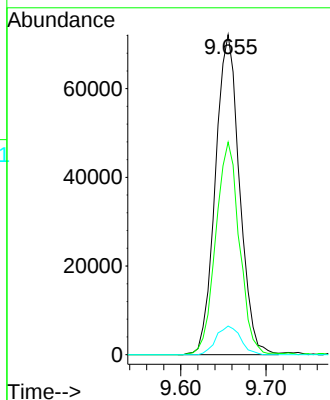
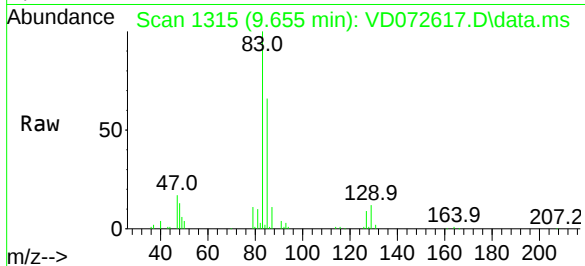




#47
Bromodichloromethane
Concen: 24.223 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

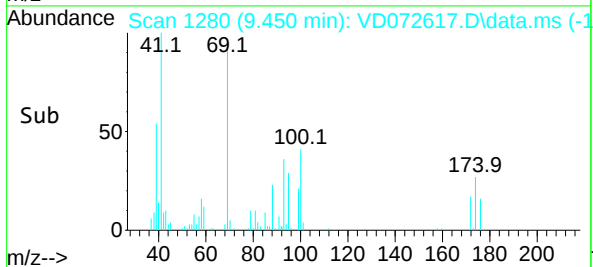
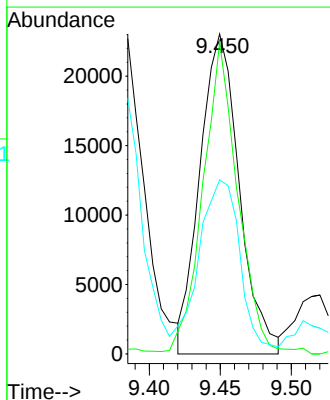
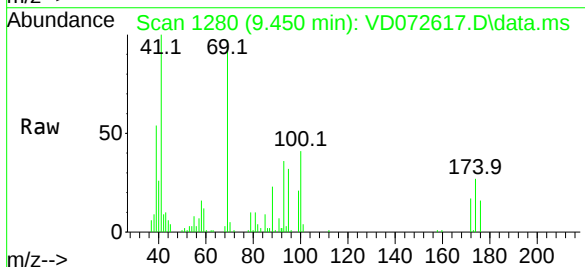
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

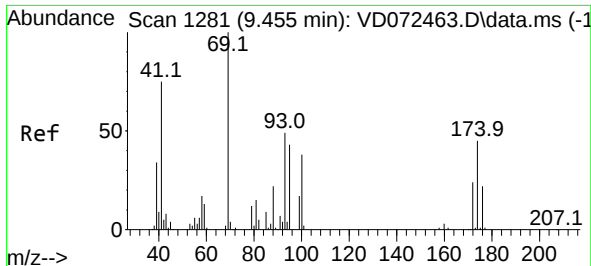
Tgt Ion: 83 Resp: 141920
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.0
127 8.9 6.1 9.1



#48
Methyl methacrylate
Concen: 22.481 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 41 Resp: 44385
Ion Ratio Lower Upper
41 100
69 86.8 56.7 85.1#
39 57.7 42.7 64.1

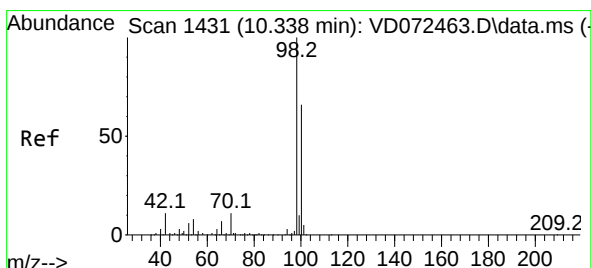
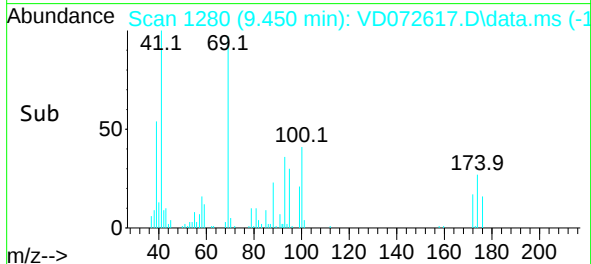
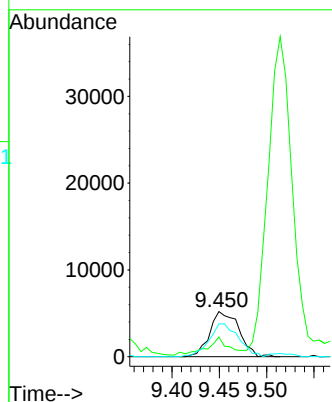
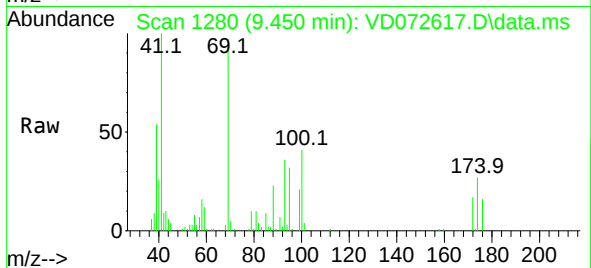




#49
1,4-Dioxane
Concen: 457.975 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

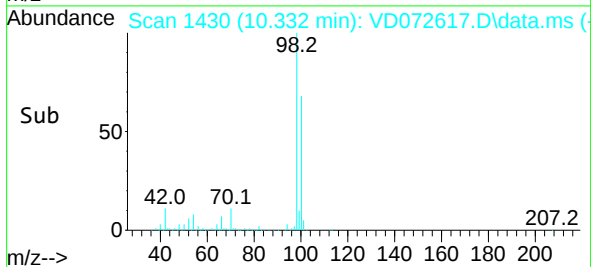
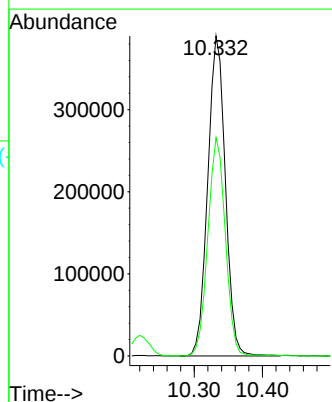
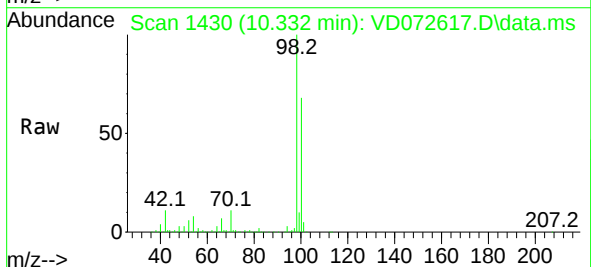
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

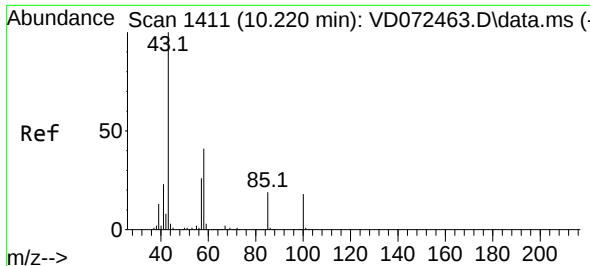
Tgt Ion: 88 Resp: 11110
Ion Ratio Lower Upper
88 100
43 29.6 31.0 46.4#
58 73.5 58.1 87.1



#50
Toluene-d8
Concen: 50.344 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 98 Resp: 700178
Ion Ratio Lower Upper
98 100
100 67.8 52.4 78.6

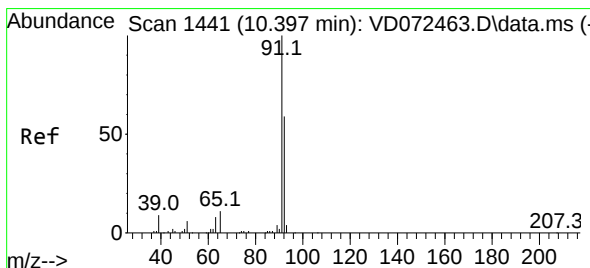
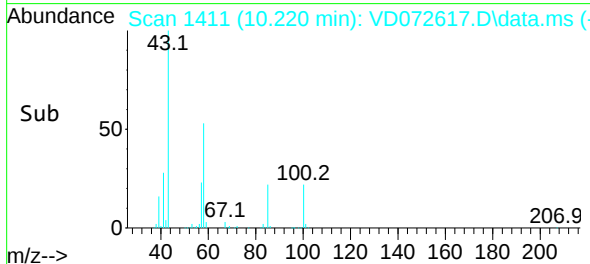
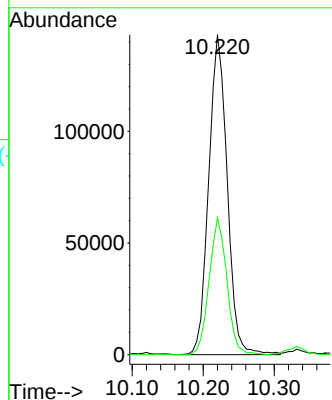
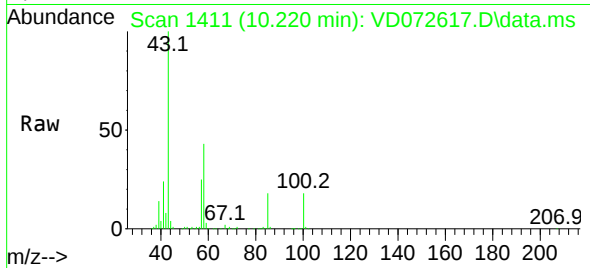




#51
4-Methyl-2-Pentanone
Concen: 118.853 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

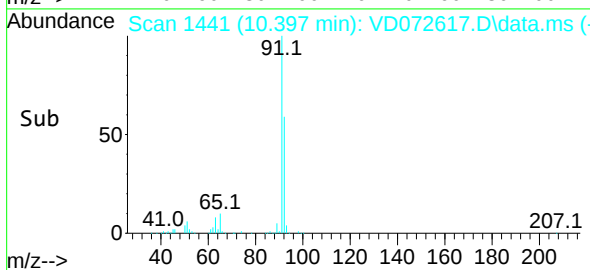
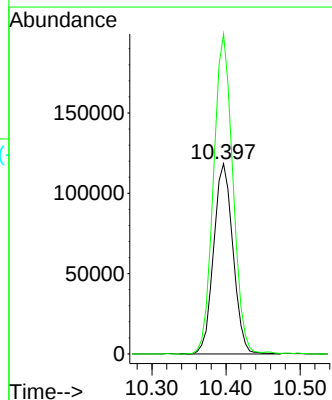
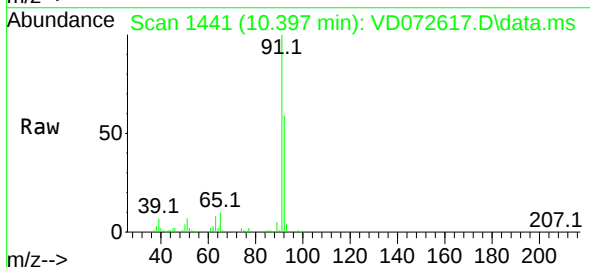
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

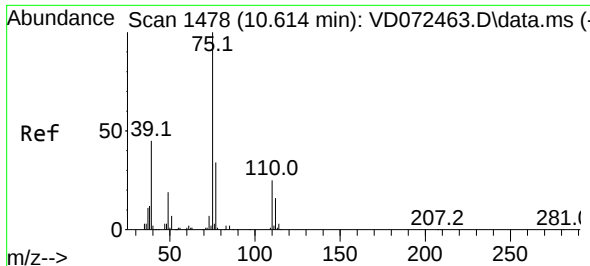
Tgt Ion: 43 Resp: 259347
Ion Ratio Lower Upper
43 100
58 41.1 28.6 43.0



#52
Toluene
Concen: 23.095 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 92 Resp: 214393
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4

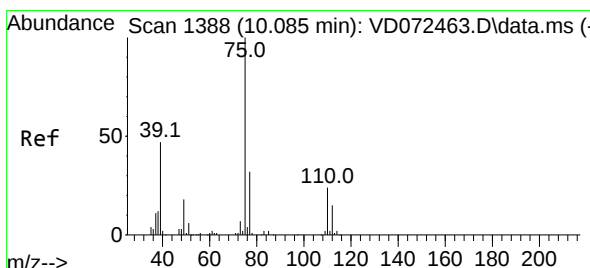
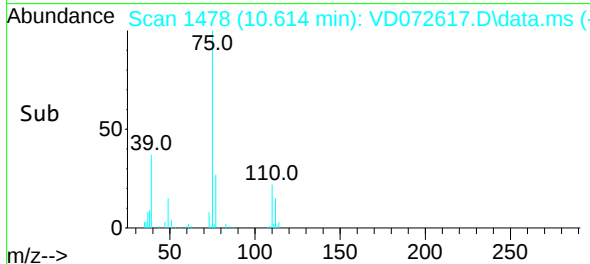
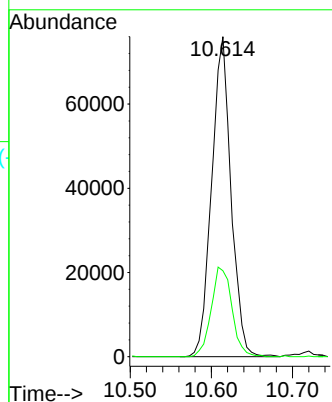
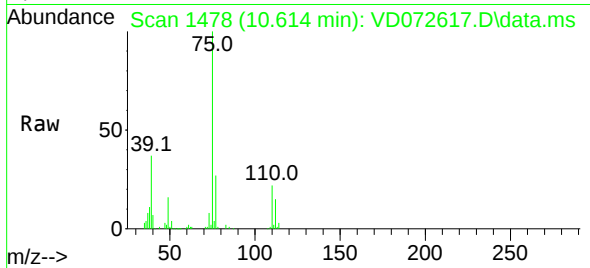




#53
 t-1,3-Dichloropropene
 Concen: 24.672 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

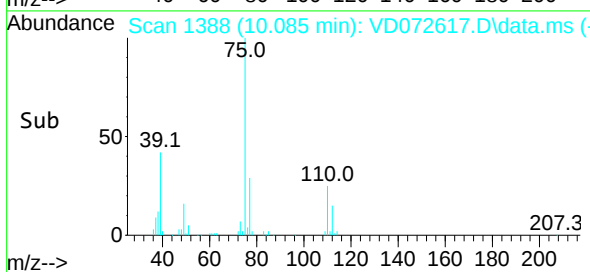
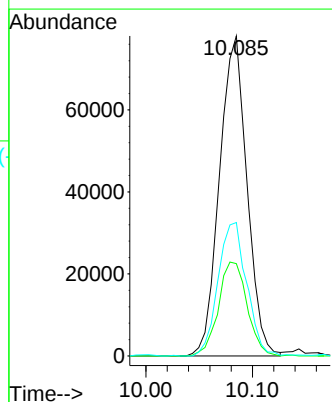
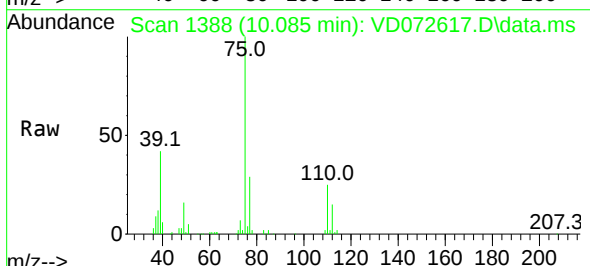
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01

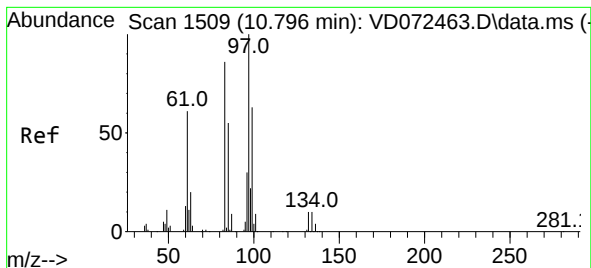
Tgt Ion: 75 Resp: 125961
 Ion Ratio Lower Upper
 75 100
 77 26.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 23.163 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion: 75 Resp: 139815
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.8 37.2
 39 41.7 46.8 70.2#

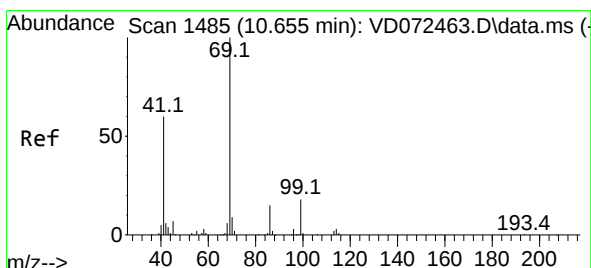
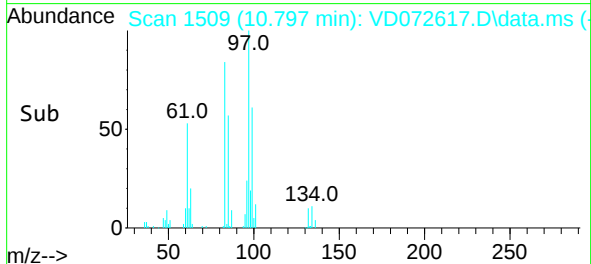
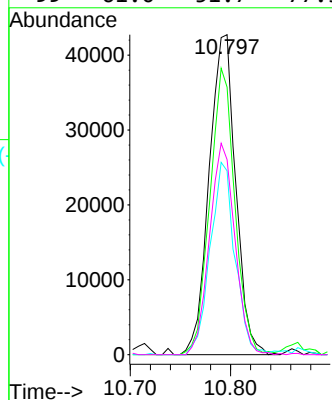
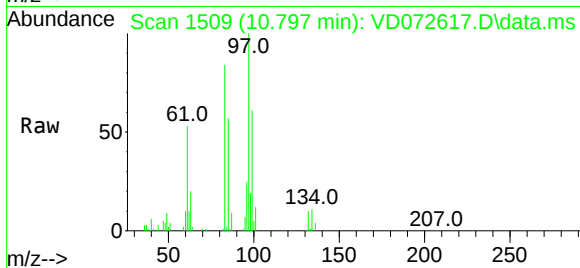




#55
1,1,2-Trichloroethane
Concen: 25.405 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

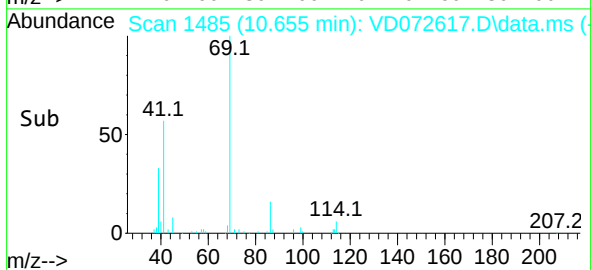
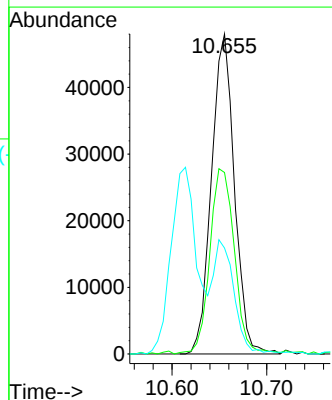
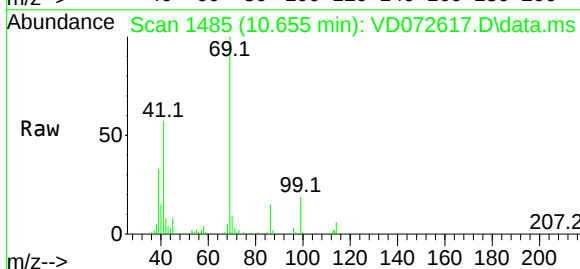
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

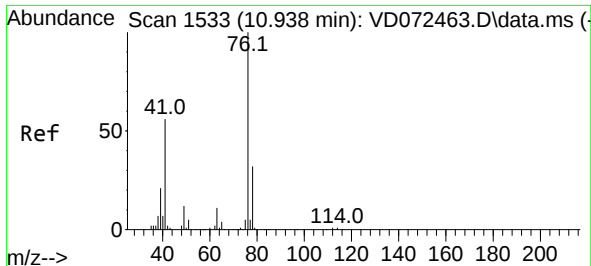
Tgt Ion: 97	Resp: 78546
Ion Ratio	Lower Upper
97 100	
83 83.6	69.0 103.4
85 57.5	42.6 63.8
99 61.0	51.7 77.5



#56
Ethyl methacrylate
Concen: 21.965 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 69	Resp: 80900
Ion Ratio	Lower Upper
69 100	
41 62.2	63.0 94.6#
39 32.5	33.8 50.8#

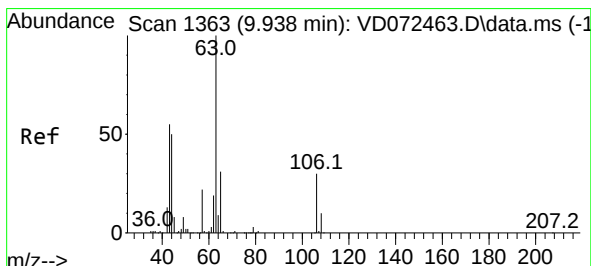
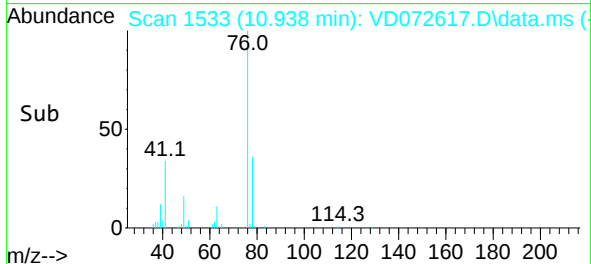
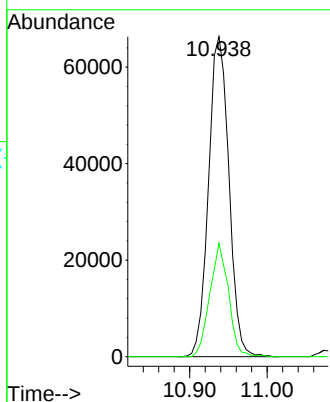
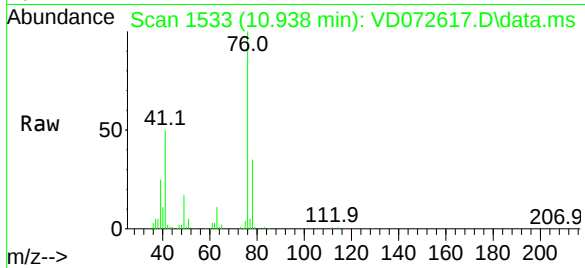




#57
1,3-Dichloropropane
Concen: 23.700 ug/l
RT: 10.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

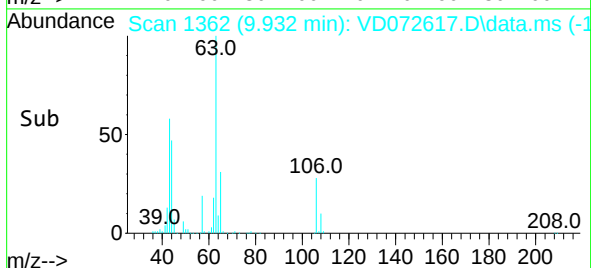
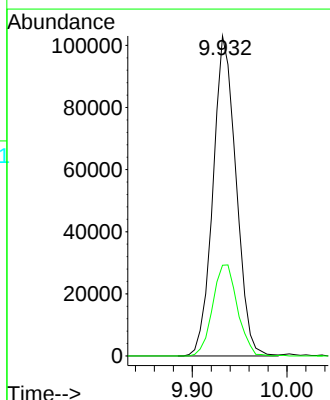
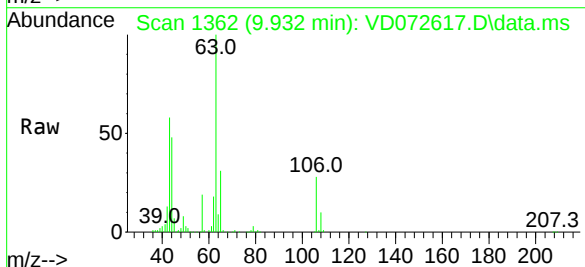
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

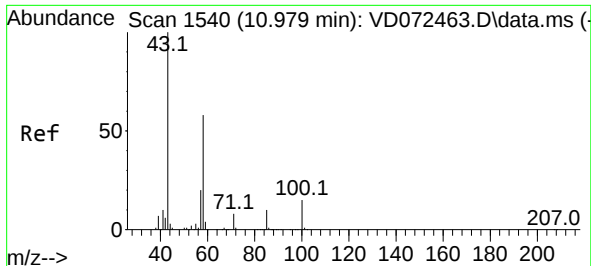
Tgt Ion: 76 Resp: 121133
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 114.483 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 63 Resp: 174745
Ion Ratio Lower Upper
63 100
106 30.6 21.4 32.0

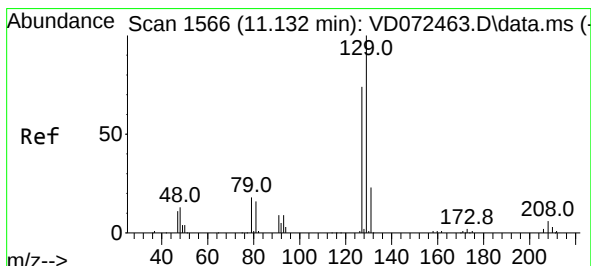
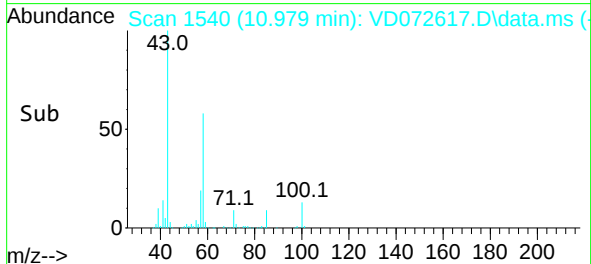
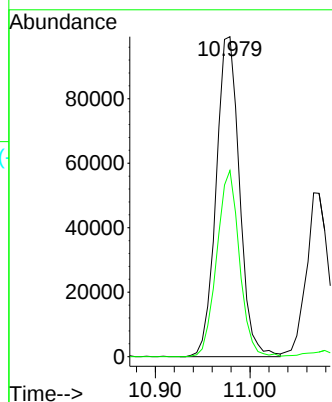
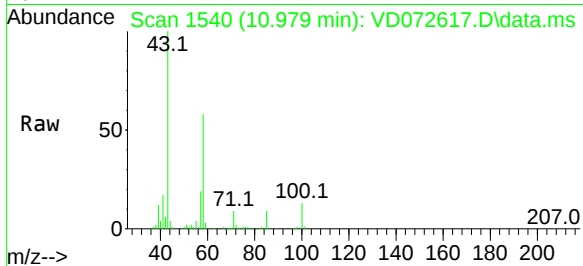




#59
2-Hexanone
Concen: 114.678 ug/l
RT: 10.979 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

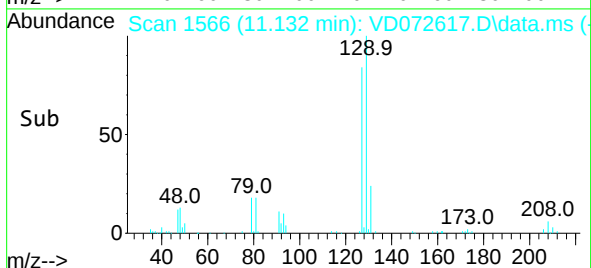
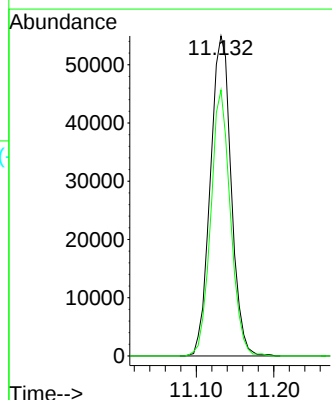
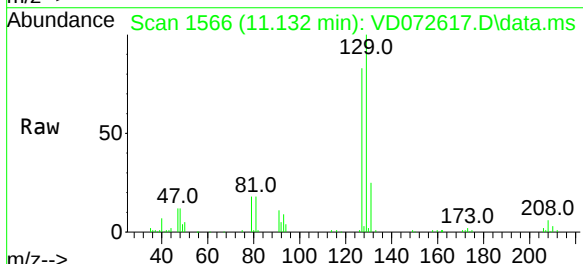
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

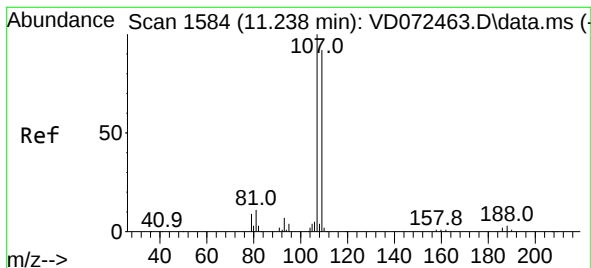
Tgt Ion: 43 Resp: 170165
Ion Ratio Lower Upper
43 100
58 56.5 25.3 75.9



#60
Dibromochloromethane
Concen: 25.745 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:129 Resp: 102676
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6

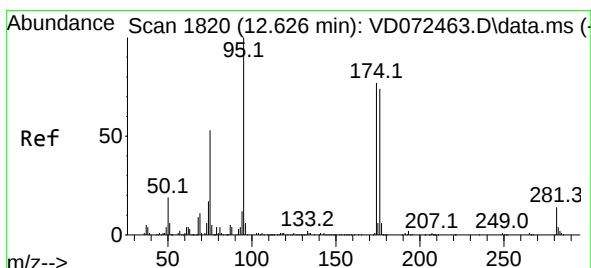
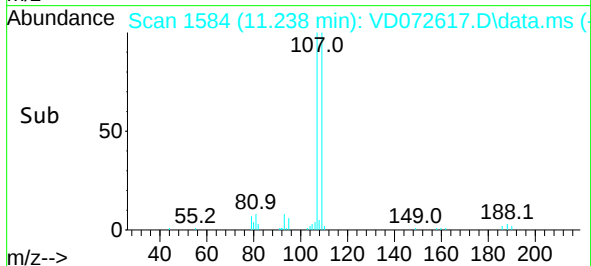
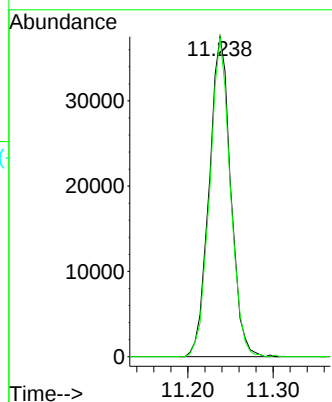
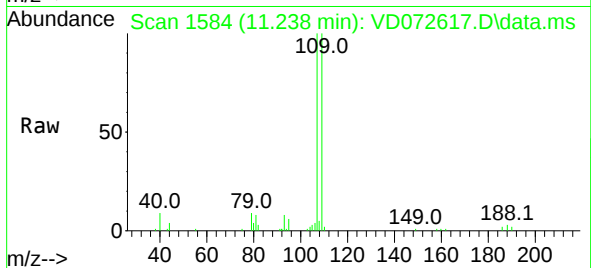




#61
1,2-Dibromoethane
Concen: 23.977 ug/l
RT: 11.238 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

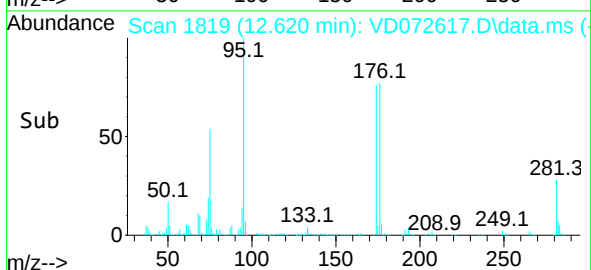
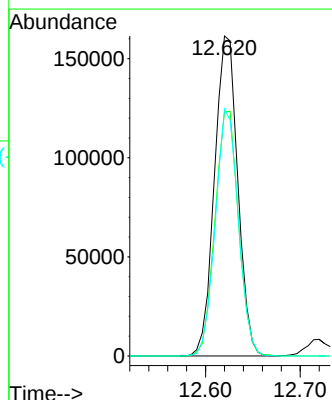
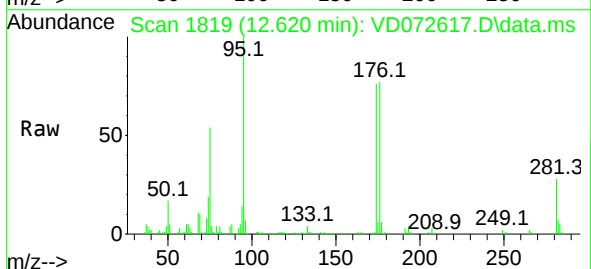
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

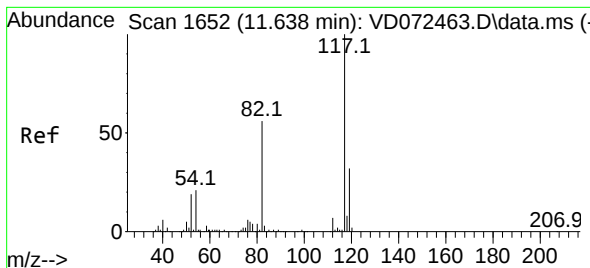
Tgt Ion:107 Resp: 65819
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 95 Resp: 275901
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 76.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

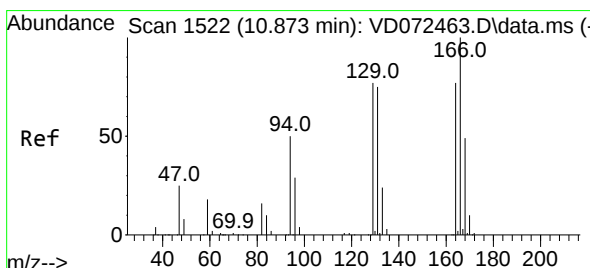
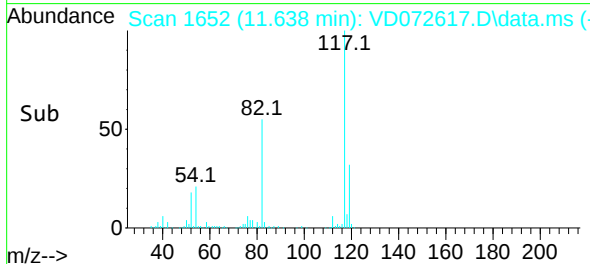
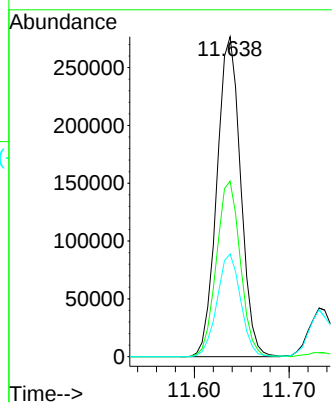
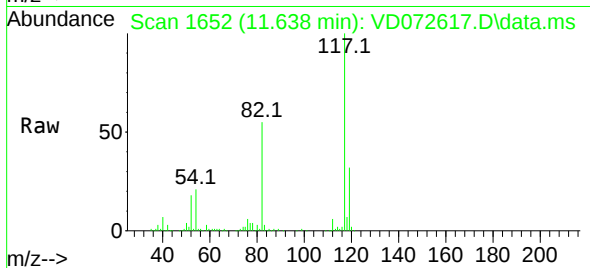
Tgt Ion:117 Resp: 482153

Ion Ratio Lower Upper

117 100

82 54.9 45.3 67.9

119 32.1 26.6 40.0



#64

Tetrachloroethene

Concen: 23.139 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Tgt Ion:164 Resp: 72893

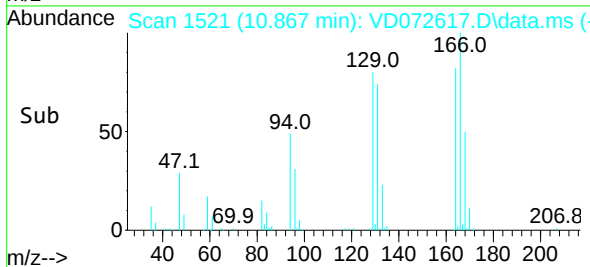
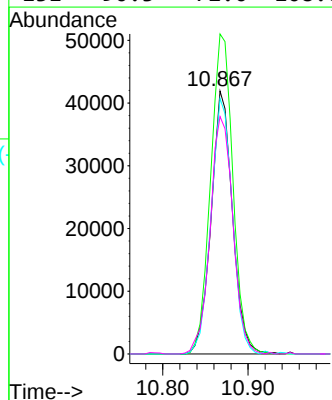
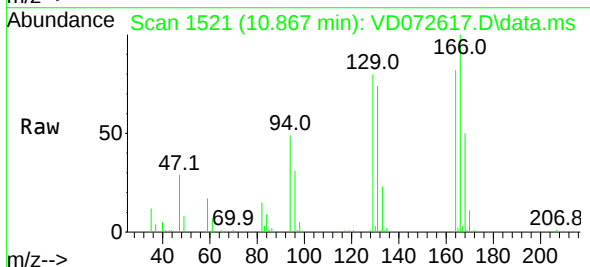
Ion Ratio Lower Upper

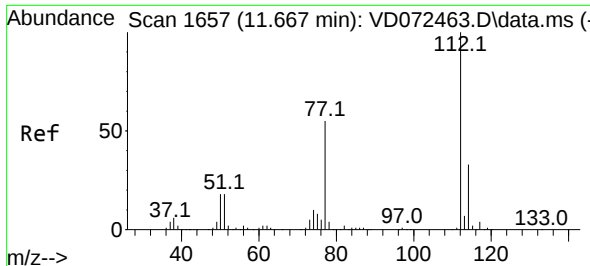
164 100

166 121.7 98.5 147.7

129 97.2 74.6 111.8

131 90.3 72.0 108.0

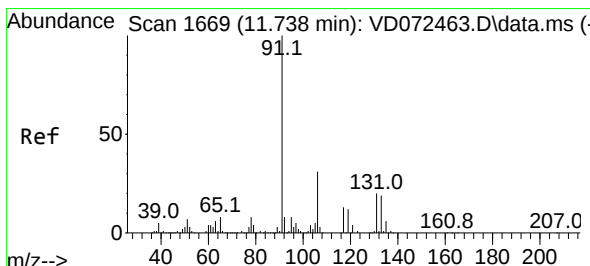
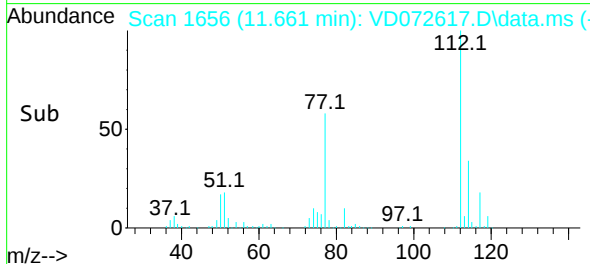
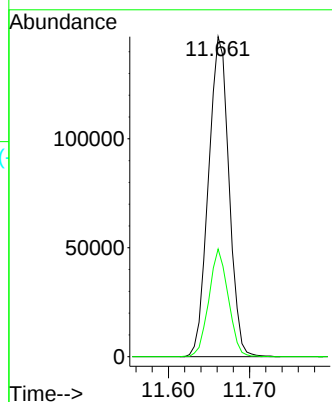
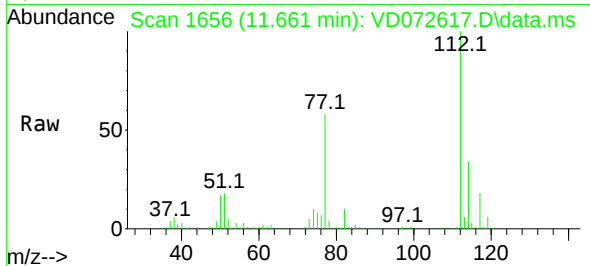




#65
Chlorobenzene
Concen: 23.936 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

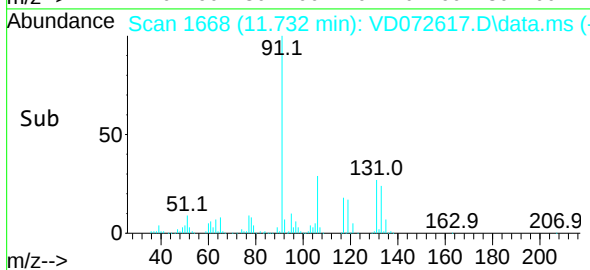
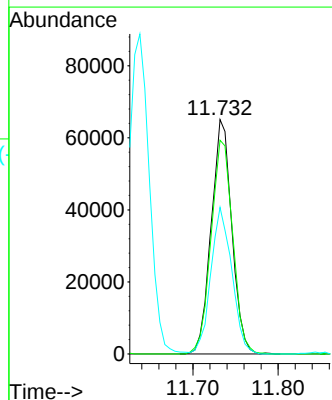
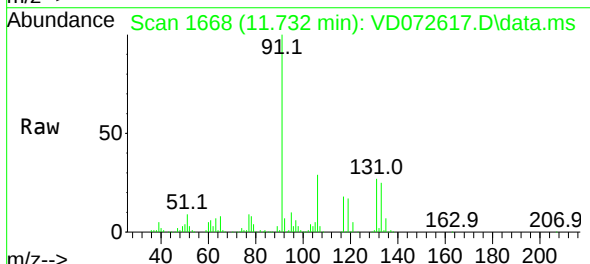
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

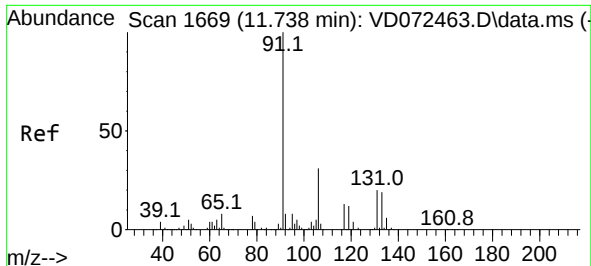
Tgt Ion:112 Resp: 258028
Ion Ratio Lower Upper
112 100
114 33.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 25.402 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:131 Resp: 109478
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.3
119 63.6 31.9 95.9





#67

Ethyl Benzene

Concen: 22.930 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

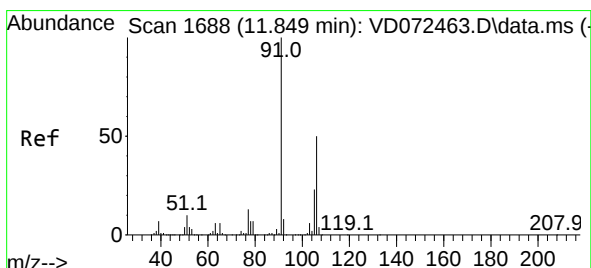
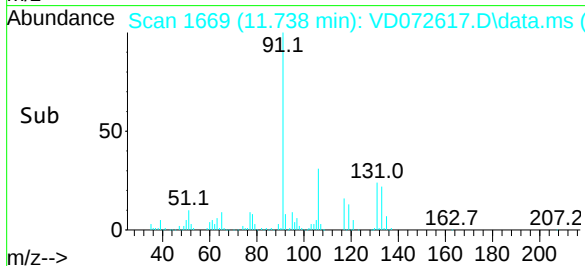
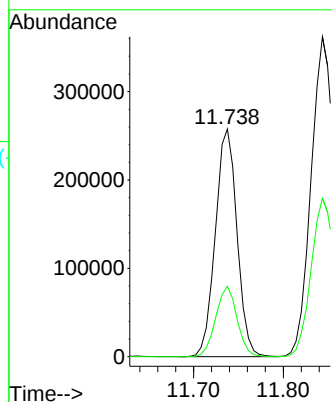
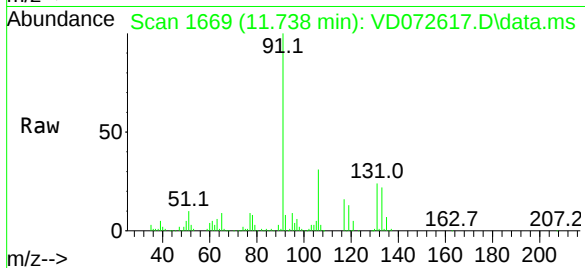
VD0419SBS01

Tgt Ion: 91 Resp: 431294

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 47.261 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.006 min

Lab File: VD072617.D

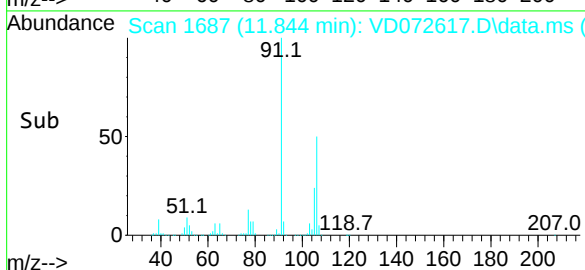
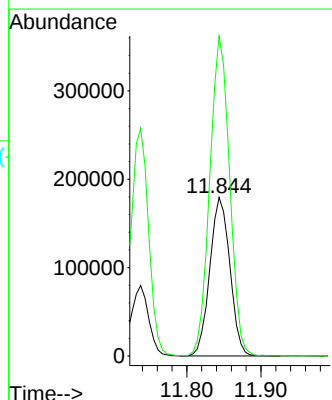
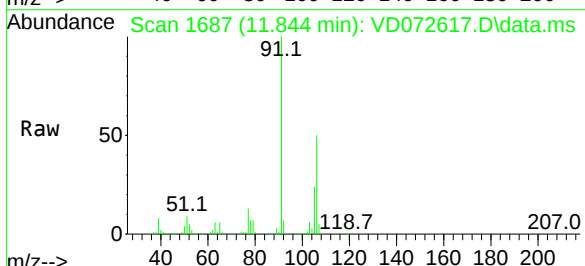
Acq: 19 Apr 2022 11:35

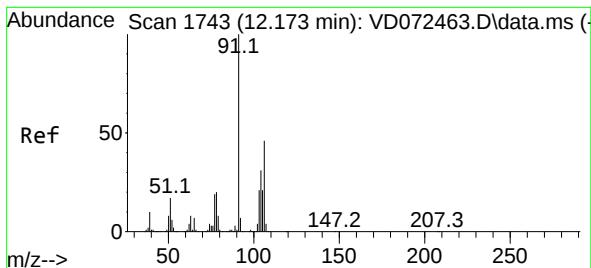
Tgt Ion: 106 Resp: 337252

Ion Ratio Lower Upper

106 100

91 199.4 163.7 245.5

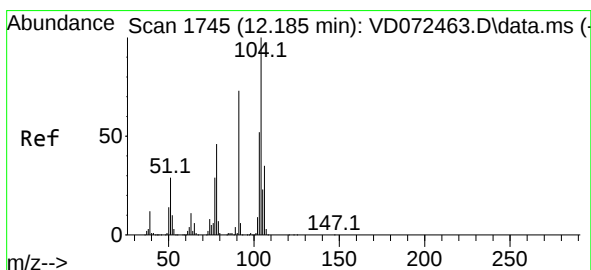
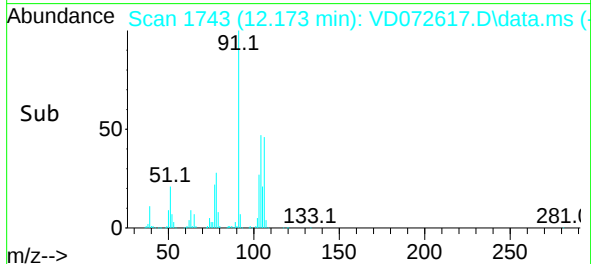
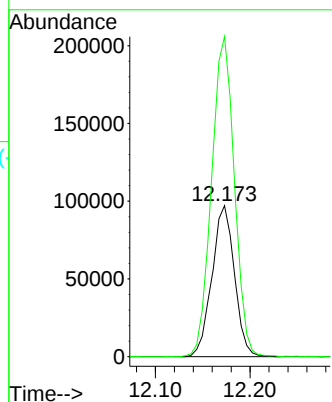
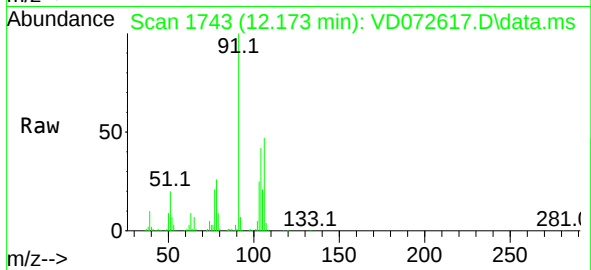




#69
o-Xylene
Concen: 23.249 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

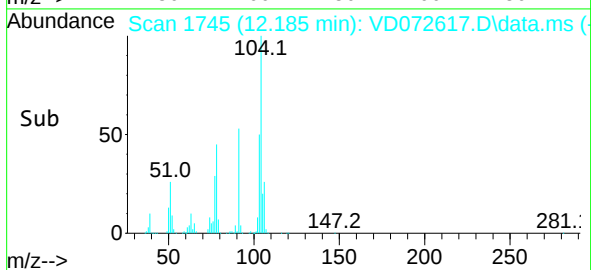
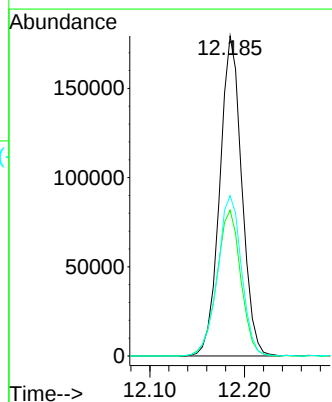
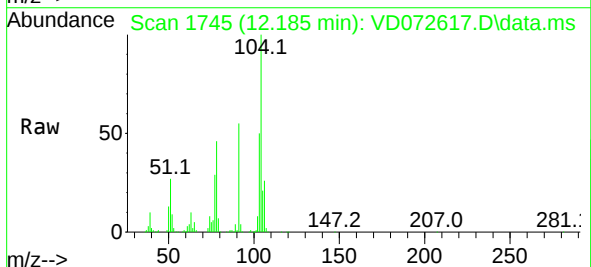
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

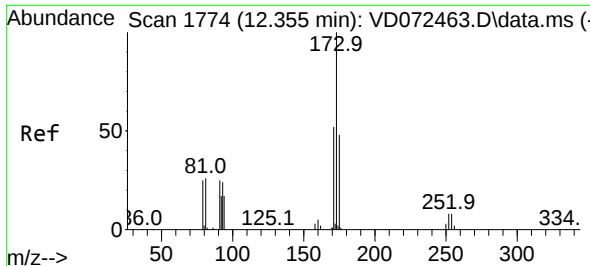
Tgt Ion:106 Resp: 160067
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2



#70
Styrene
Concen: 23.906 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:104 Resp: 290082
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 54.3 44.2 66.4

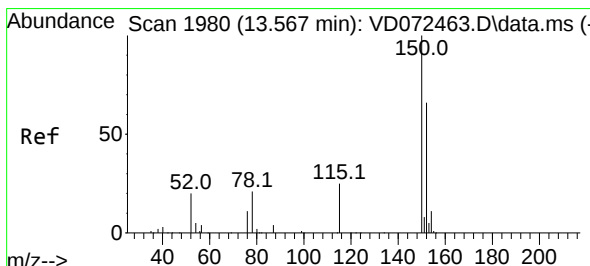
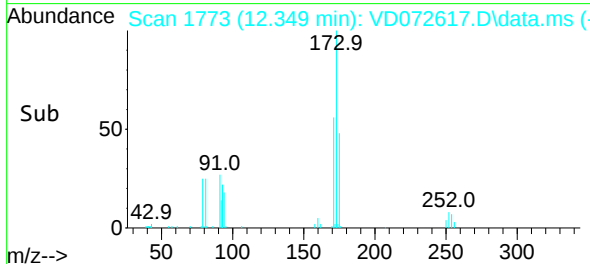
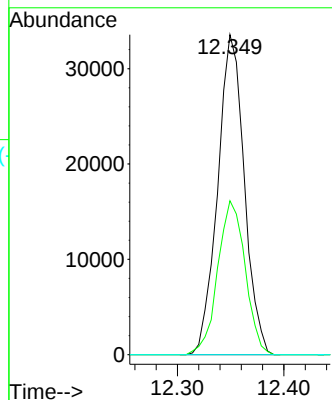
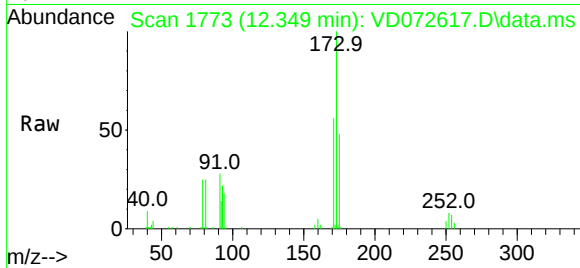




#71
Bromoform
Concen: 25.496 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

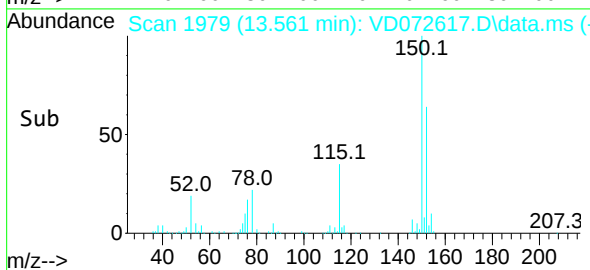
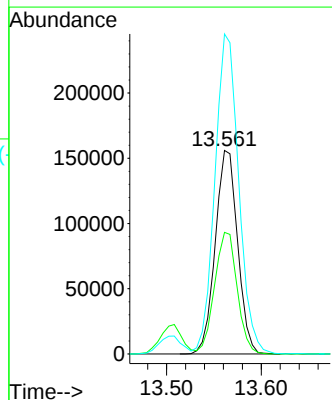
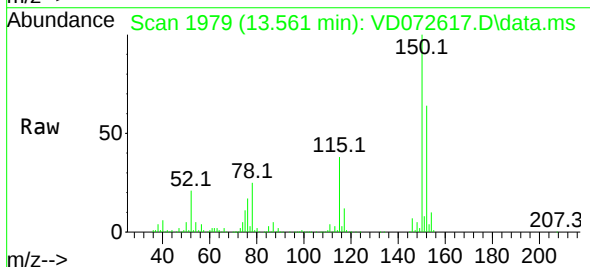
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

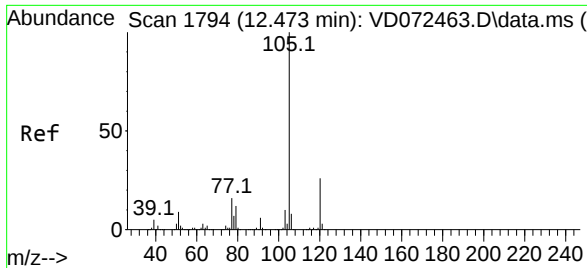
Tgt Ion:173 Resp: 58250
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:152 Resp: 256107
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 167.4 0.0 348.6

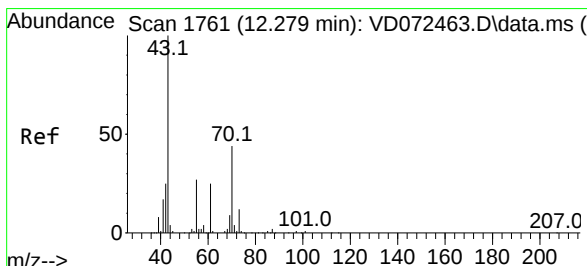
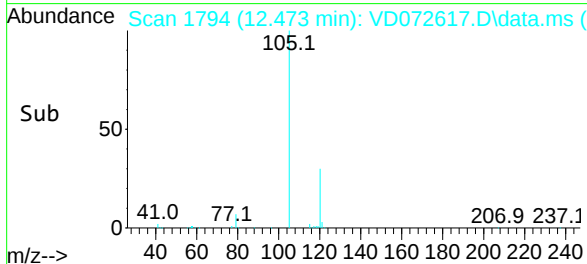
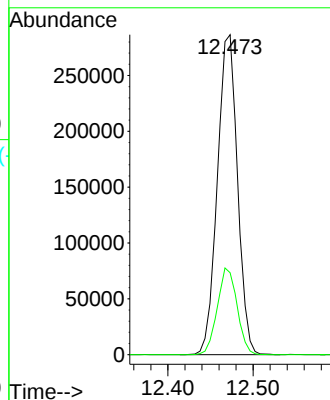
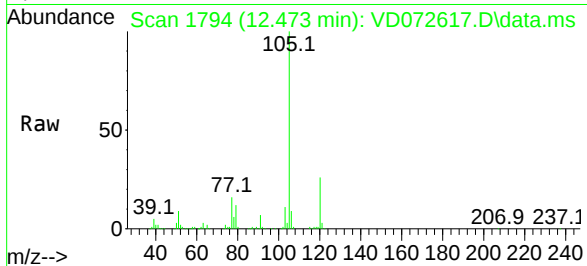




#73
Isopropylbenzene
Concen: 22.726 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

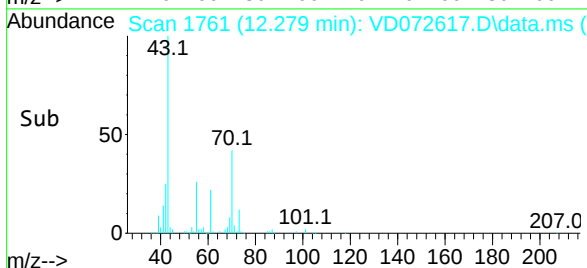
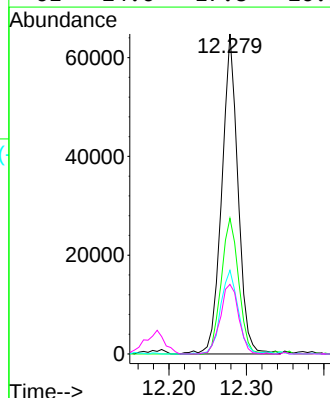
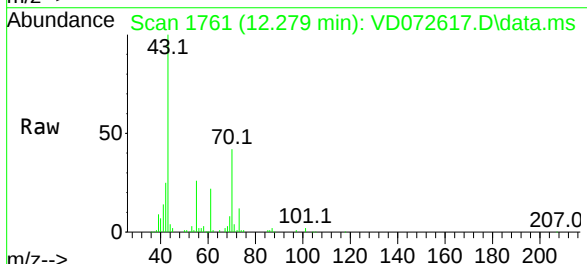
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

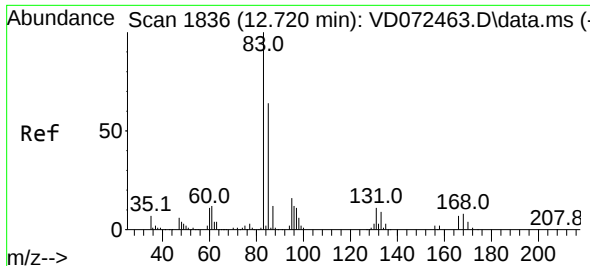
Tgt Ion:105 Resp: 470046
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 21.766 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 43 Resp: 94461
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 28.0 20.0 30.0
61 24.6 17.8 26.8

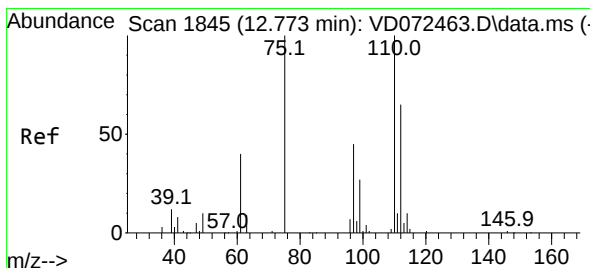
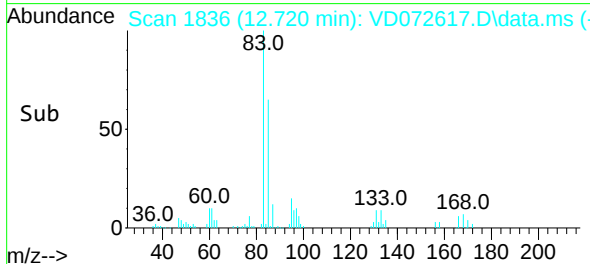
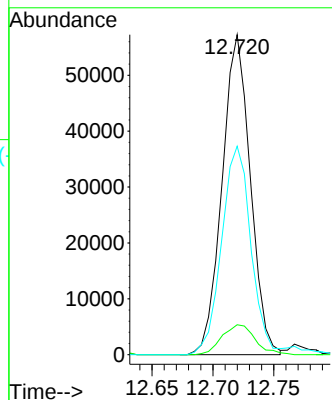
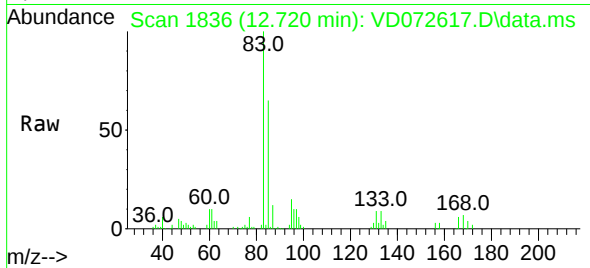




#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.614 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

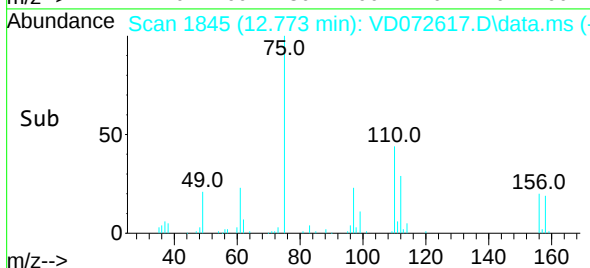
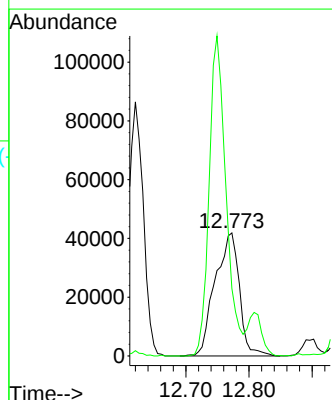
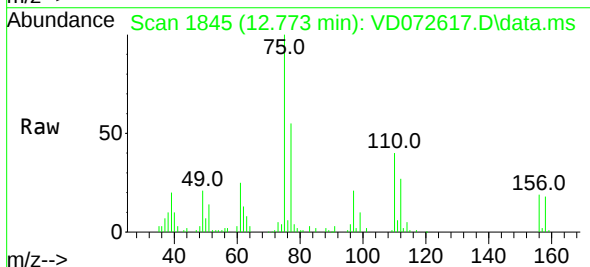
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0419SBSD01

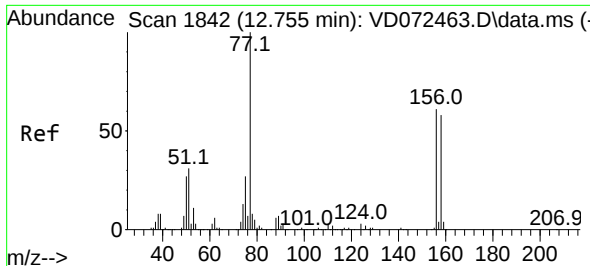
Tgt Ion: 83 Resp: 92514
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 14.9
 85 67.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 40.056 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072617.D
 Acq: 19 Apr 2022 11:35

Tgt Ion: 75 Resp: 111888
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

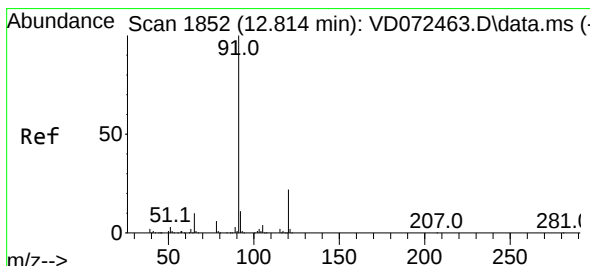
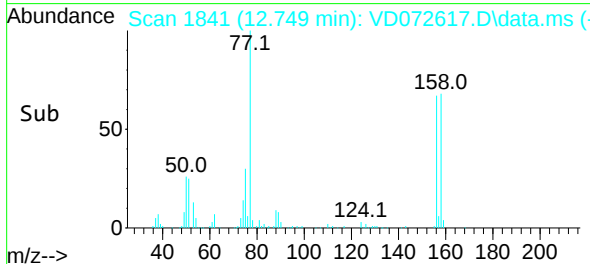
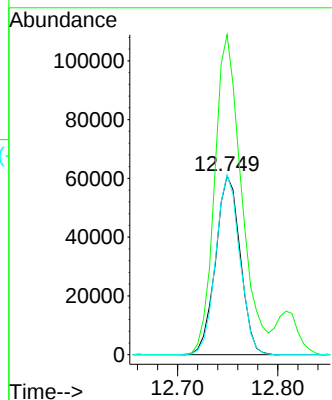
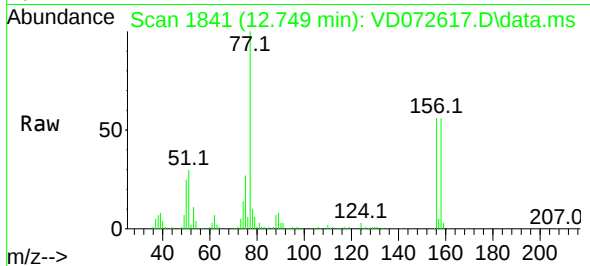




#77
Bromobenzene
Concen: 22.399 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

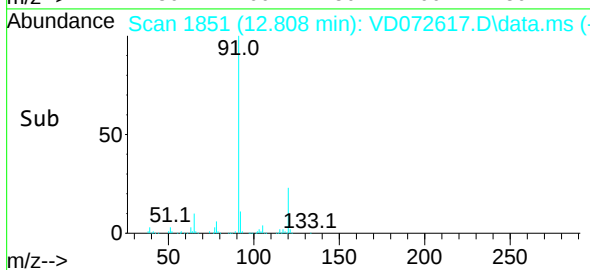
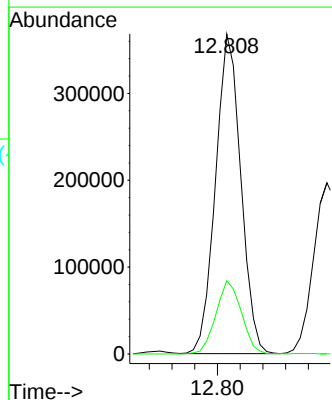
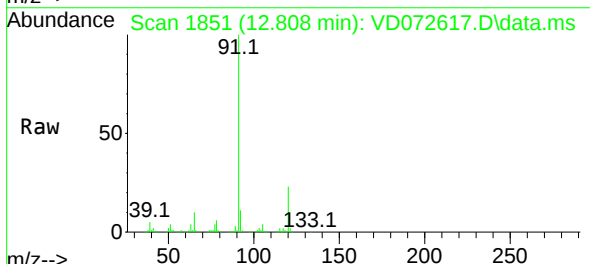
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBS01

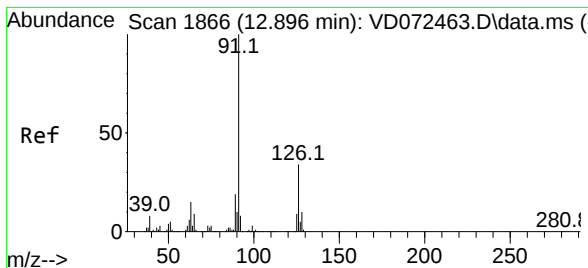
Tgt Ion:156 Resp: 103840
Ion Ratio Lower Upper
156 100
77 194.9 102.8 308.3
158 97.8 48.7 146.1



#78
n-propylbenzene
Concen: 22.775 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 91 Resp: 568283
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9

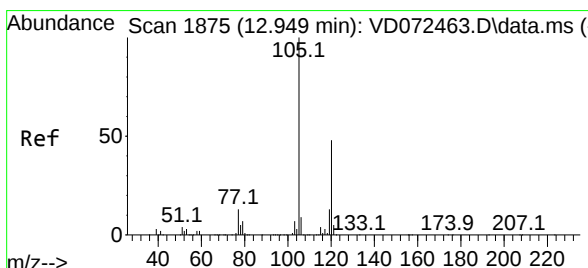
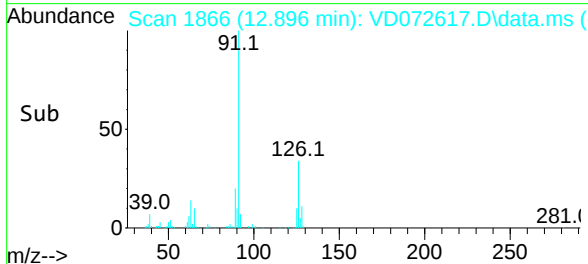
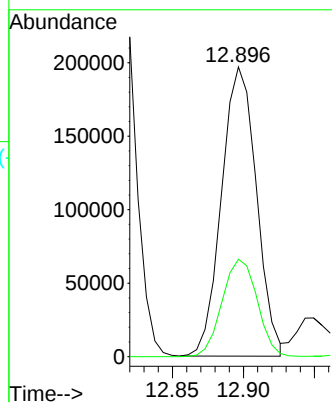
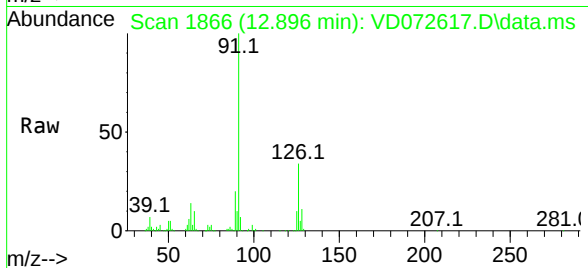




#79
2-Chlorotoluene
Concen: 23.060 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

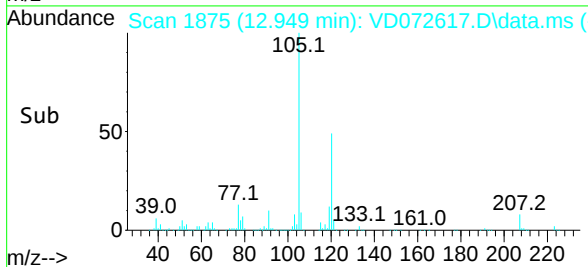
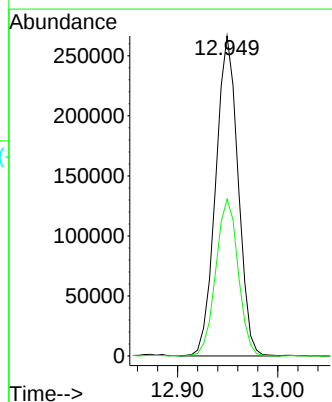
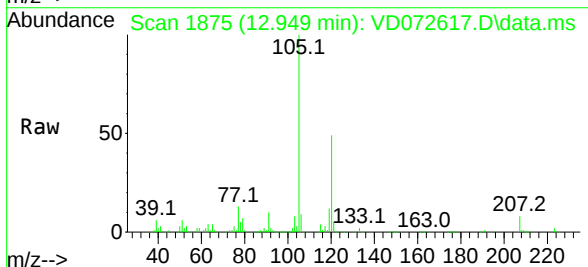
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

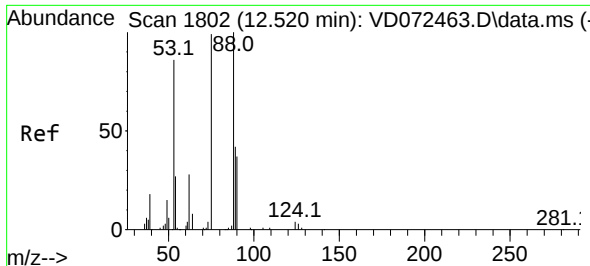
Tgt Ion: 91 Resp: 336492
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 23.326 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 105 Resp: 413202
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

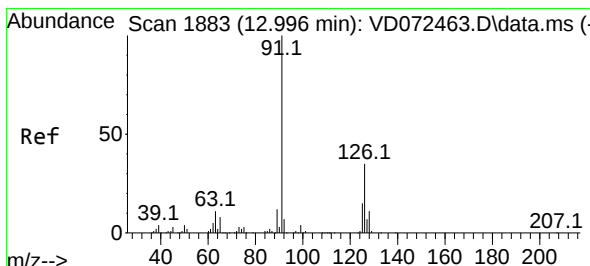
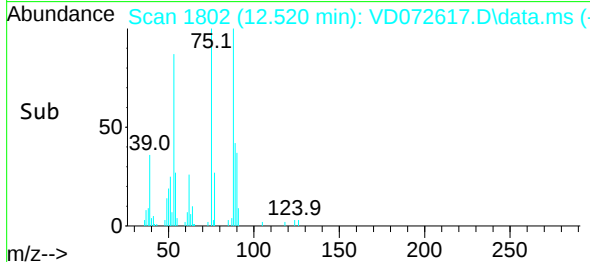
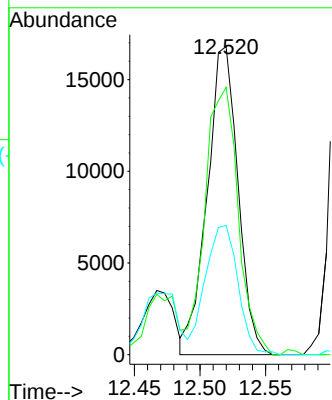
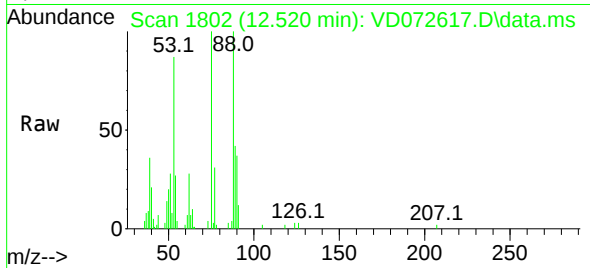




#81
trans-1,4-Dichloro-2-butene
Concen: 24.153 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

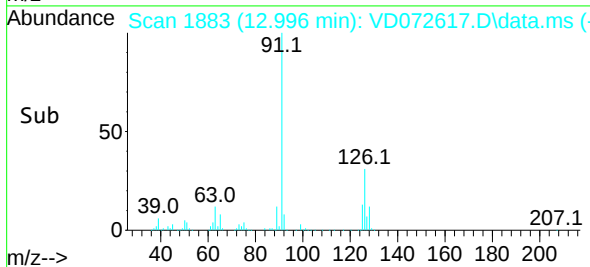
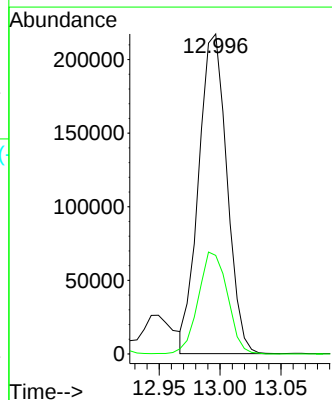
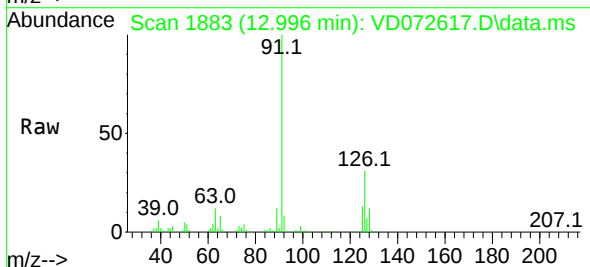
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

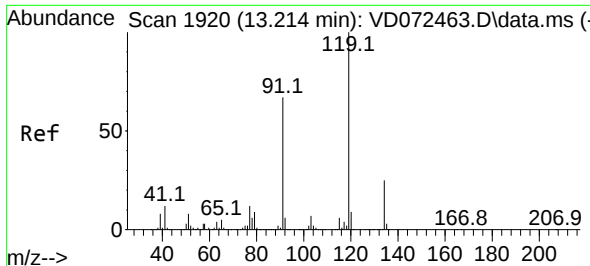
Tgt Ion: 75 Resp: 27494
Ion Ratio Lower Upper
75 100
53 93.8 86.5 129.7
89 44.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 23.079 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 91 Resp: 350745
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

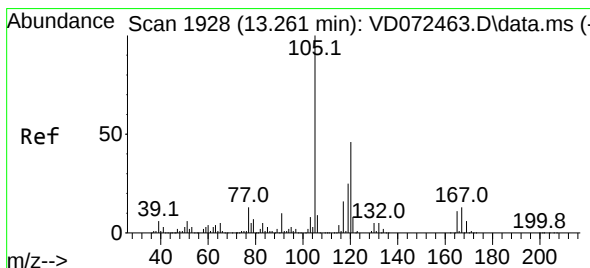
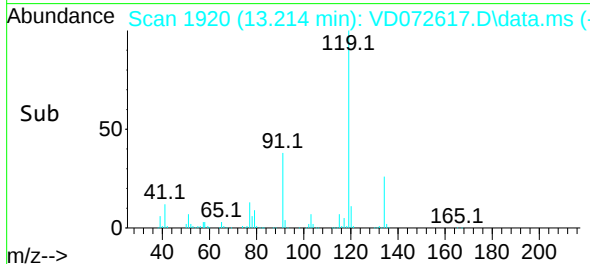
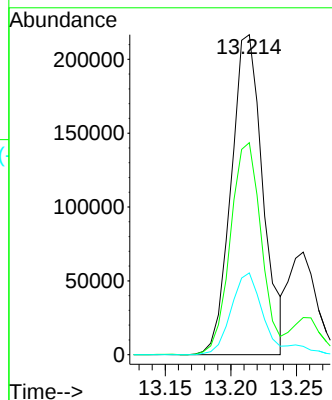
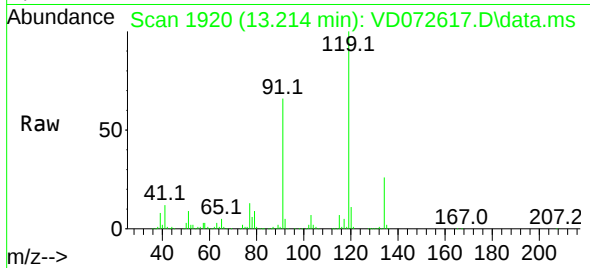




#83
tert-Butylbenzene
Concen: 23.856 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

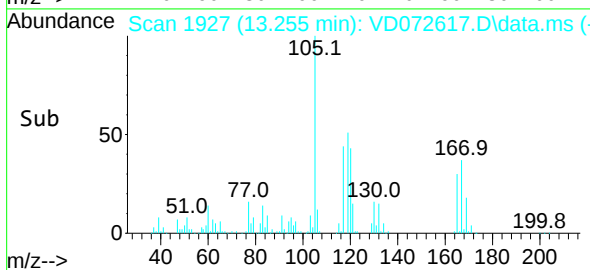
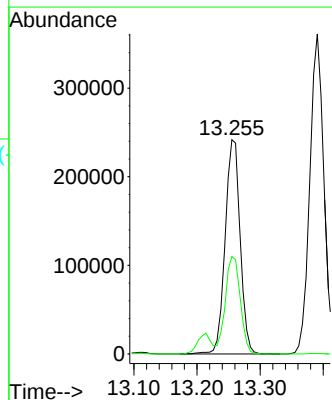
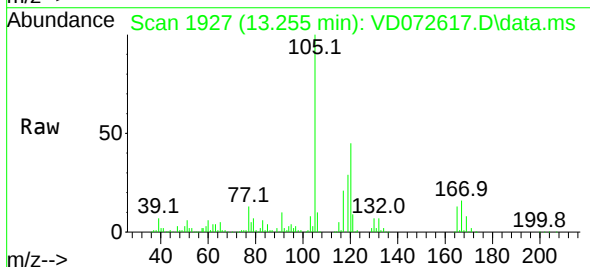
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

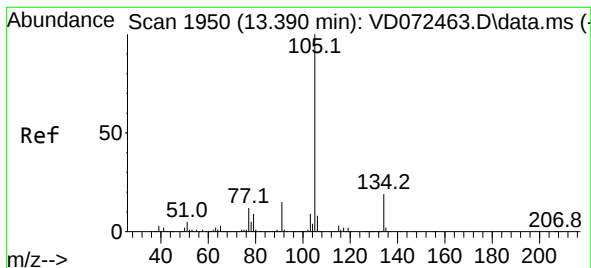
Tgt Ion:119 Resp: 365841
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.5
134 27.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 23.120 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion:105 Resp: 400495
Ion Ratio Lower Upper
105 100
120 45.8 22.3 66.8





#85

sec-Butylbenzene

Concen: 24.068 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

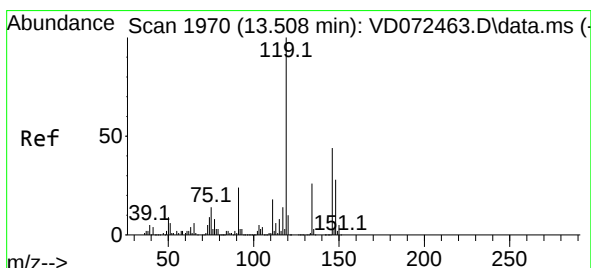
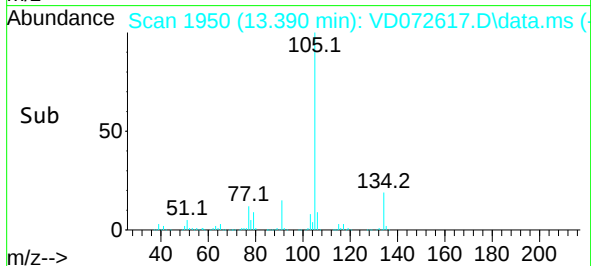
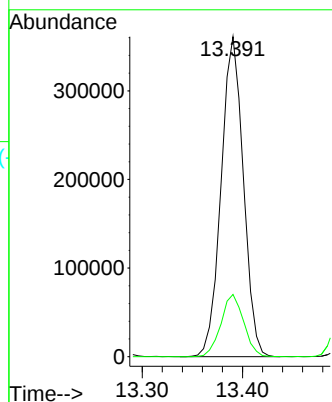
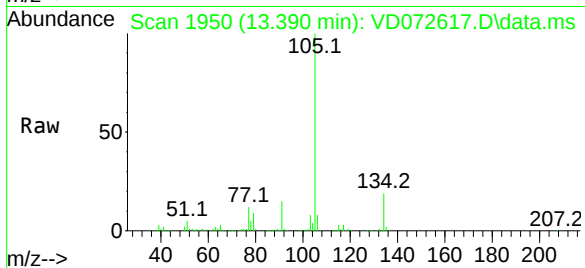
VD0419SBSD01

Tgt Ion:105 Resp: 555962

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3



#86

p-Isopropyltoluene

Concen: 23.933 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

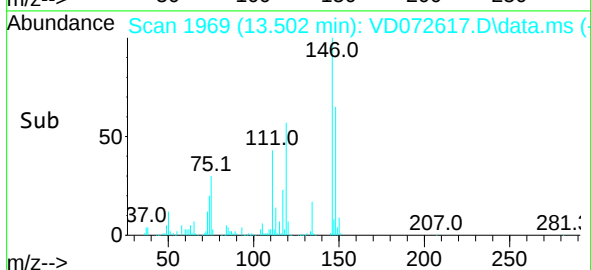
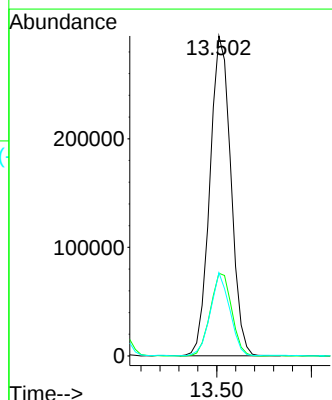
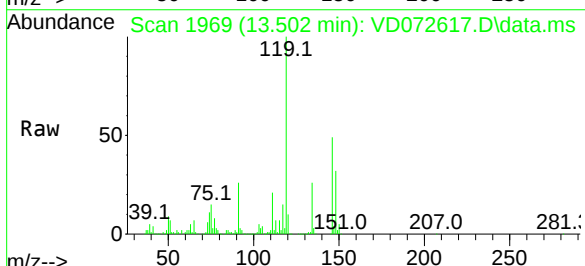
Tgt Ion:119 Resp: 451883

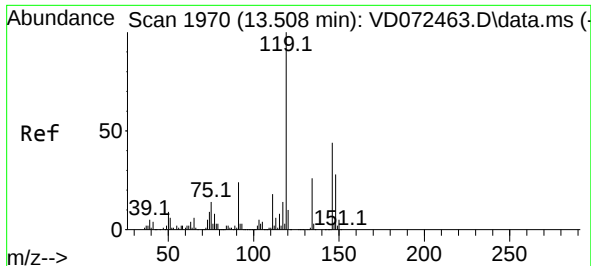
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 24.390 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

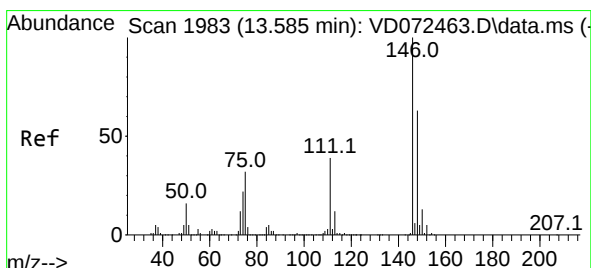
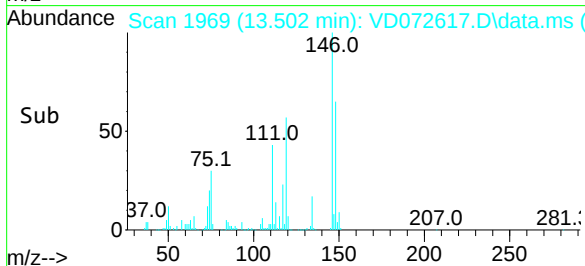
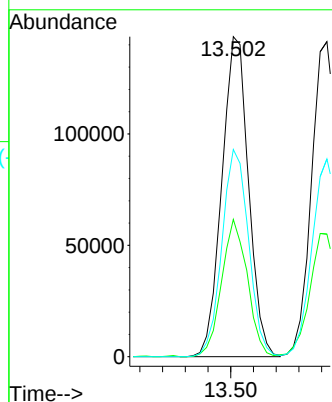
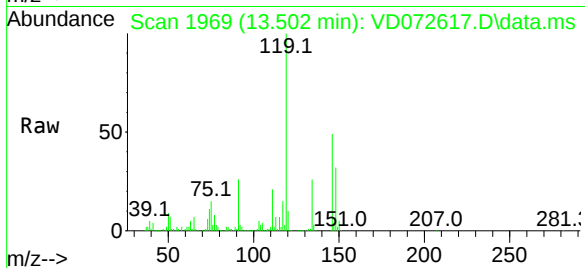
Tgt Ion:146 Resp: 234300

Ion Ratio Lower Upper

146 100

111 41.4 20.4 61.3

148 64.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 23.975 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

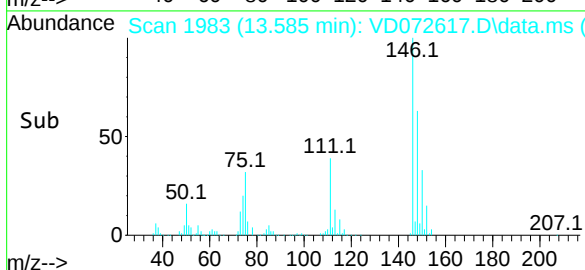
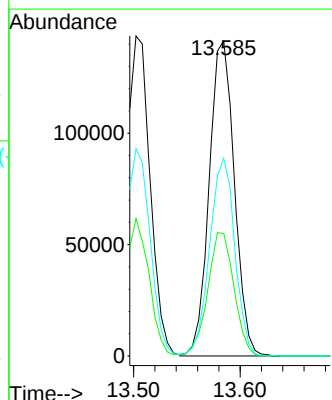
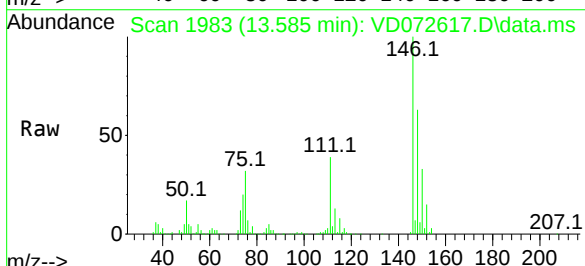
Tgt Ion:146 Resp: 232123

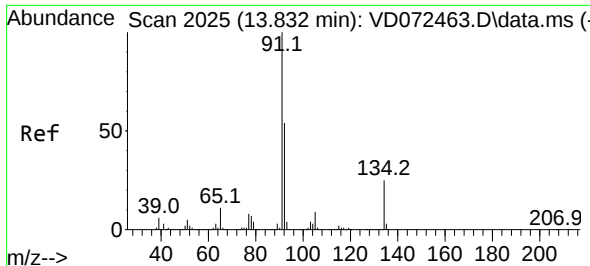
Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 62.7 31.7 95.1

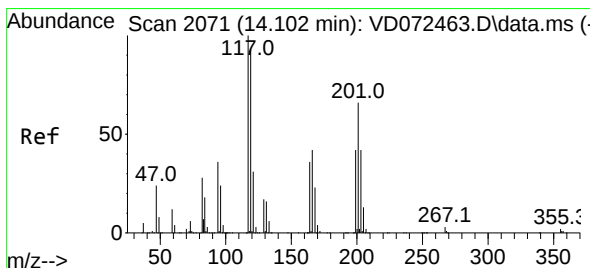
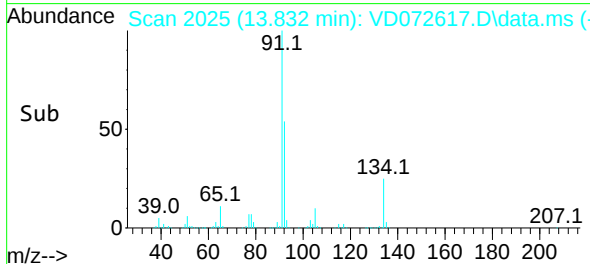
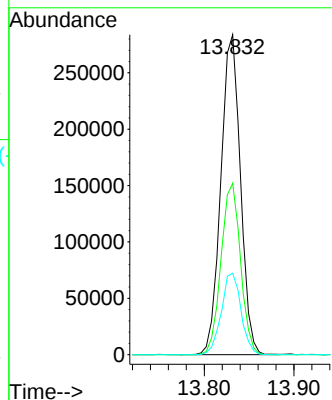
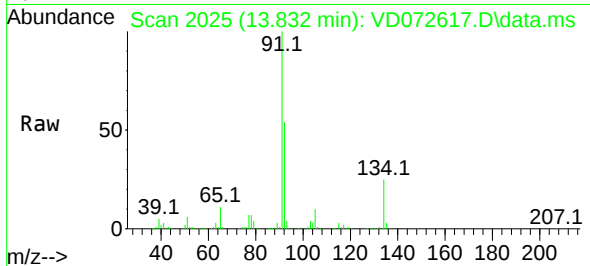




#89
n-Butylbenzene
Concen: 23.923 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

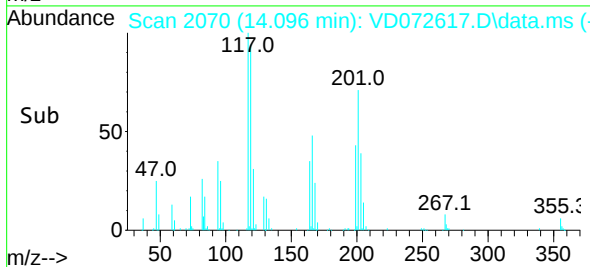
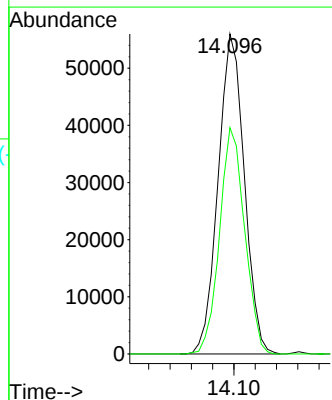
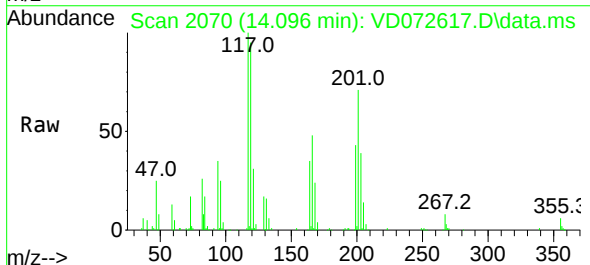
Instrument :
MSVOA_D
ClientSampleId :
VD0419SBSD01

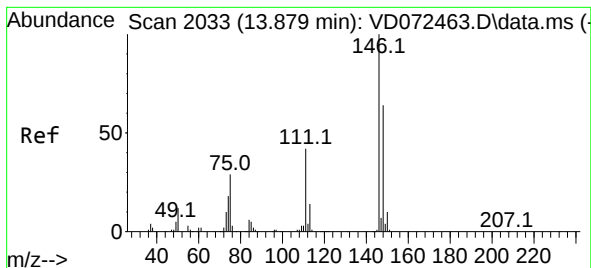
Tgt Ion: 91 Resp: 430283
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 25.6 12.3 36.9



#90
Hexachloroethane
Concen: 24.727 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072617.D
Acq: 19 Apr 2022 11:35

Tgt Ion: 117 Resp: 95575
Ion Ratio Lower Upper
117 100
201 67.8 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 24.628 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBSD01

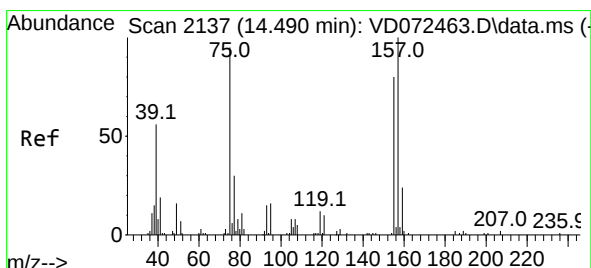
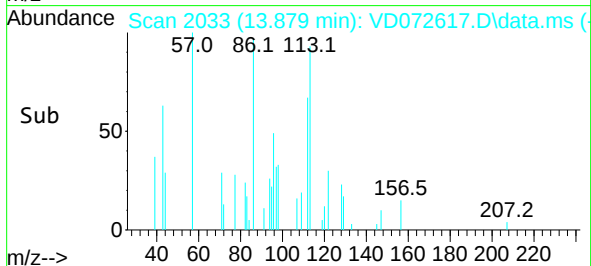
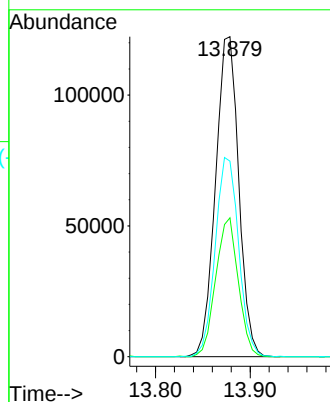
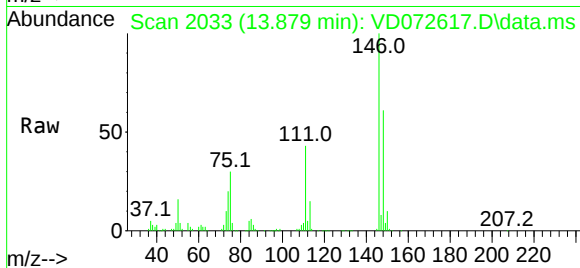
Tgt Ion:146 Resp: 208663

Ion Ratio Lower Upper

146 100

111 42.2 21.1 63.3

148 62.9 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.988 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

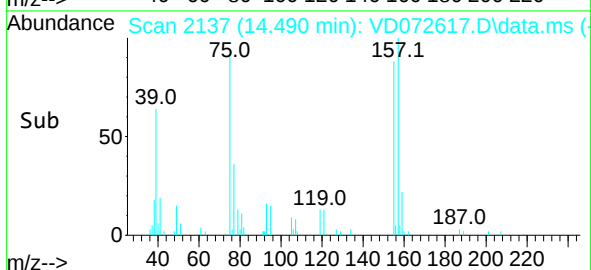
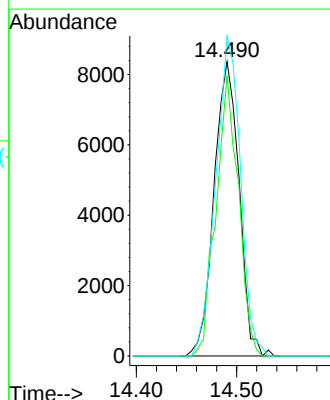
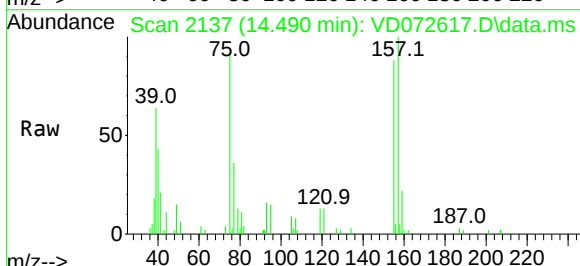
Tgt Ion: 75 Resp: 14478

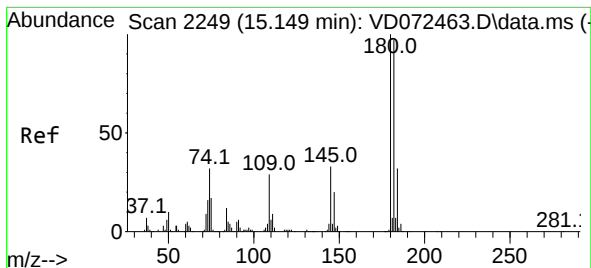
Ion Ratio Lower Upper

75 100

155 85.6 36.8 110.3

157 107.9 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 24.384 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

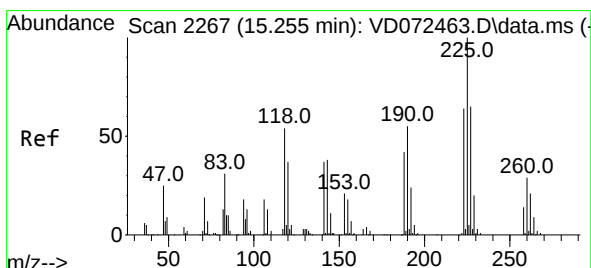
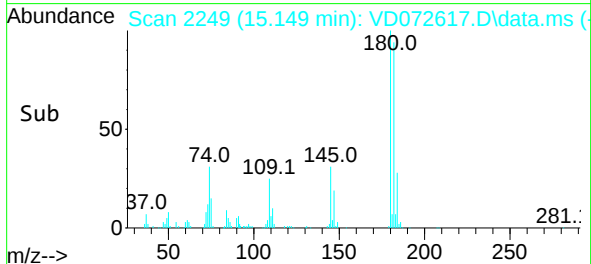
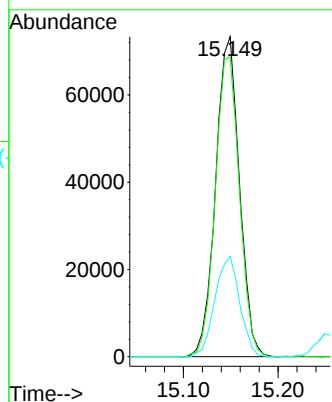
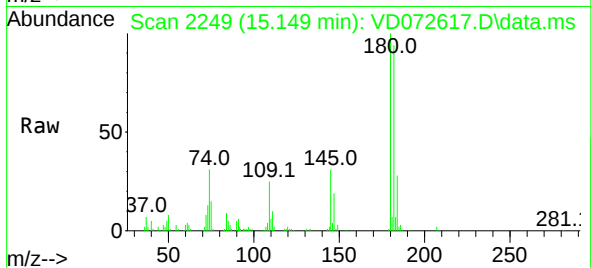
Tgt Ion:180 Resp: 128062

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 26.800 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

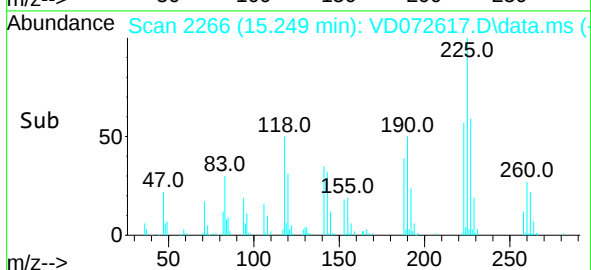
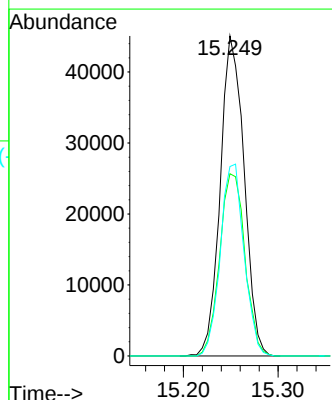
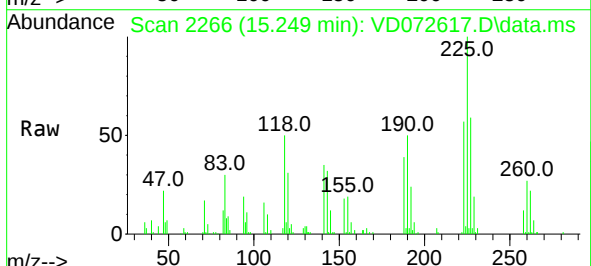
Tgt Ion:225 Resp: 78840

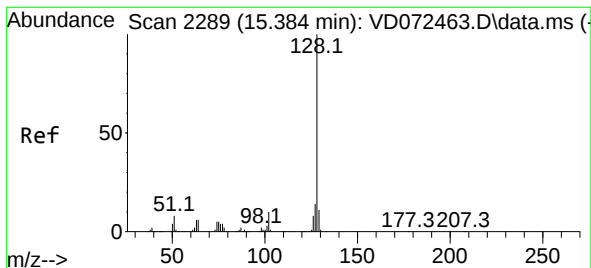
Ion Ratio Lower Upper

225 100

223 60.5 31.1 93.2

227 59.7 32.4 97.0





#95

Naphthalene

Concen: 21.292 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Instrument :

MSVOA_D

ClientSampleId :

VD0419SBS01

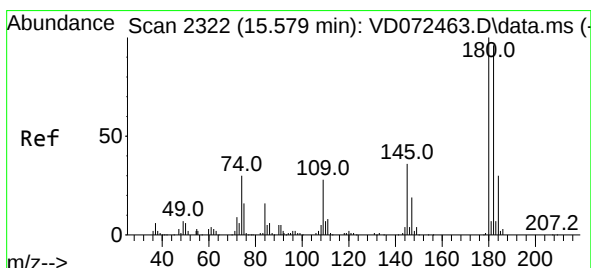
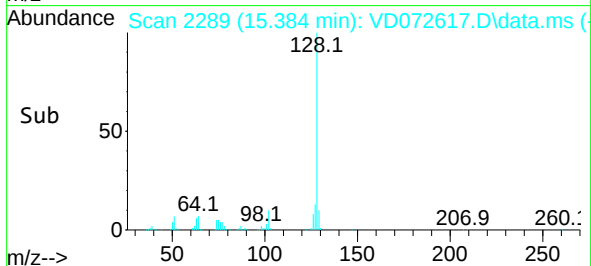
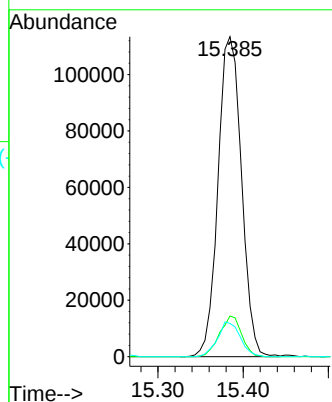
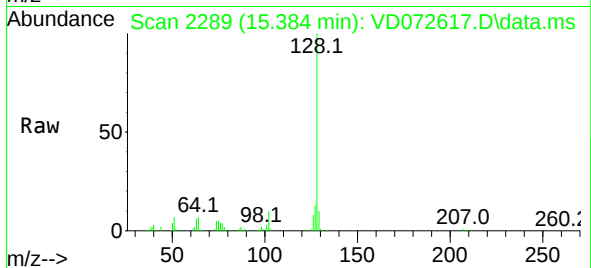
Tgt Ion:128 Resp: 217278

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 24.084 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072617.D

Acq: 19 Apr 2022 11:35

Tgt Ion:180 Resp: 110392

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 33.6 17.1 51.3

