

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080522\
 Data File : VD073966.D
 Acq On : 05 Aug 2022 15:25
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 06 00:11:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:09:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	149925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	244183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	228097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	112088	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	32867	23.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.680%#
35) Dibromofluoromethane	7.903	113	33013	21.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.880%#
50) Toluene-d8	10.332	98	115277	24.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	48.200%#
62) 4-Bromofluorobenzene	12.614	95	41240	20.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	41.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	29547	19.124	ug/l	83
3) Chloromethane	2.209	50	46042	20.958	ug/l	93
4) Vinyl Chloride	2.344	62	62279	21.053	ug/l	96
5) Bromomethane	2.750	94	41924	20.421	ug/l	92
6) Chloroethane	2.909	64	42856	20.727	ug/l	96
7) Trichlorofluoromethane	3.262	101	57850	20.252	ug/l	98
8) Diethyl Ether	3.703	74	13202	19.850	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	32569	20.306	ug/l	98
10) Methyl Iodide	4.285	142	32222	20.408	ug/l	99
11) Tert butyl alcohol	5.226	59	12520	96.319	ug/l #	92
12) 1,1-Dichloroethene	4.062	96	28399	20.026	ug/l	97
13) Acrolein	3.909	56	3107	44.340	ug/l	99
14) Allyl chloride	4.709	41	38814	20.621	ug/l	98
15) Acrylonitrile	5.409	53	28529	100.370	ug/l	96
16) Acetone	4.156	43	24997	97.766	ug/l	96
17) Carbon Disulfide	4.397	76	94582	21.261	ug/l	98
18) Methyl Acetate	4.720	43	14825	18.938	ug/l #	47
19) Methyl tert-butyl Ether	5.473	73	65983	20.048	ug/l	95
20) Methylene Chloride	4.950	84	50185	20.104	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	34363	20.052	ug/l	93
22) Diisopropyl ether	6.361	45	80953	19.964	ug/l	95
23) Vinyl Acetate	6.297	43	222474	105.077	ug/l	100
24) 1,1-Dichloroethane	6.256	63	56439	20.212	ug/l	99
25) 2-Butanone	7.203	43	37933	98.822	ug/l	100
26) 2,2-Dichloropropane	7.203	77	55765	20.115	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	37061	19.985	ug/l	99
28) Bromochloromethane	7.538	49	17316	19.392	ug/l	96
29) Tetrahydrofuran	7.555	42	22839	100.733	ug/l	99
30) Chloroform	7.703	83	64356	20.399	ug/l	95
31) Cyclohexane	7.973	56	50734	19.868	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	61004	20.318	ug/l	99
36) 1,1-Dichloropropene	8.103	75	47722	20.095	ug/l	97
37) Ethyl Acetate	7.285	43	18311	20.732	ug/l	97
38) Carbon Tetrachloride	8.085	117	52943	20.017	ug/l	92
39) Methylcyclohexane	9.350	83	54895	20.214	ug/l	98
40) Benzene	8.344	78	128864	19.980	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	11409	24.459	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	41188	21.050	ug/l	100
43) Isopropyl Acetate	8.444	43	34709	20.112	ug/l	100
44) Trichloroethene	9.102	130	37478	20.187	ug/l	91
45) 1,2-Dichloropropane	9.379	63	30376	20.093	ug/l	96
46) Dibromomethane	9.467	93	19994	20.074	ug/l	100
47) Bromodichloromethane	9.649	83	47990	19.782	ug/l	100
48) Methyl methacrylate	9.444	41	15755	19.963	ug/l	99
49) 1,4-Dioxane	9.455	88	4651	439.828	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	85912	100.053	ug/l	99
52) Toluene	10.397	92	82959	19.447	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	42358	19.400	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	49667	19.946	ug/l	96
55) 1,1,2-Trichloroethane	10.791	97	25723	20.386	ug/l	94
56) Ethyl methacrylate	10.649	69	25797	18.822	ug/l	94
57) 1,3-Dichloropropane	10.932	76	40363	19.710	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	45249	86.320	ug/l	98
59) 2-Hexanone	10.973	43	56525	99.385	ug/l	97
60) Dibromochloromethane	11.126	129	33203	19.640	ug/l	98
61) 1,2-Dibromoethane	11.232	107	25380	20.114	ug/l	95
64) Tetrachloroethene	10.867	164	32328	20.203	ug/l	97
65) Chlorobenzene	11.655	112	92504	20.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	33869	19.221	ug/l	96
67) Ethyl Benzene	11.732	91	155861	19.488	ug/l	99
68) m/p-Xylenes	11.843	106	126886	39.141	ug/l	99
69) o-Xylene	12.167	106	58399	19.616	ug/l	97
70) Styrene	12.179	104	100794	19.816	ug/l	98
71) Bromoform	12.349	173	18569	18.441	ug/l #	97
73) Isopropylbenzene	12.467	105	156978	20.471	ug/l	99
74) N-amyl acetate	12.279	43	31157	20.481	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	29967	21.554	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	35747	37.061	ug/l #	100
77) Bromobenzene	12.743	156	36710	20.323	ug/l	99
78) n-propylbenzene	12.802	91	192674	20.416	ug/l	99
79) 2-Chlorotoluene	12.890	91	109529	20.632	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	131770	20.207	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	8485	20.624	ug/l	95
82) 4-Chlorotoluene	12.990	91	117443	20.764	ug/l	99
83) tert-Butylbenzene	13.208	119	111794	19.983	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	131722	20.184	ug/l	98
85) sec-Butylbenzene	13.385	105	170629	19.945	ug/l	98
86) p-Isopropyltoluene	13.502	119	141962	19.567	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	75804	20.045	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	75831	19.969	ug/l	97
89) n-Butylbenzene	13.826	91	132484	19.890	ug/l	99
90) Hexachloroethane	14.090	117	28198	20.020	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	66218	20.319	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4955	21.744	ug/l	83
93) 1,2,4-Trichlorobenzene	15.137	180	37995	19.564	ug/l	99
94) Hexachlorobutadiene	15.243	225	21725	20.285	ug/l	97
95) Naphthalene	15.379	128	68783	19.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	34498	19.695	ug/l	93

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QLast Update : Sat Aug 06 00:09:30 2022
Response via : Initial Calibration

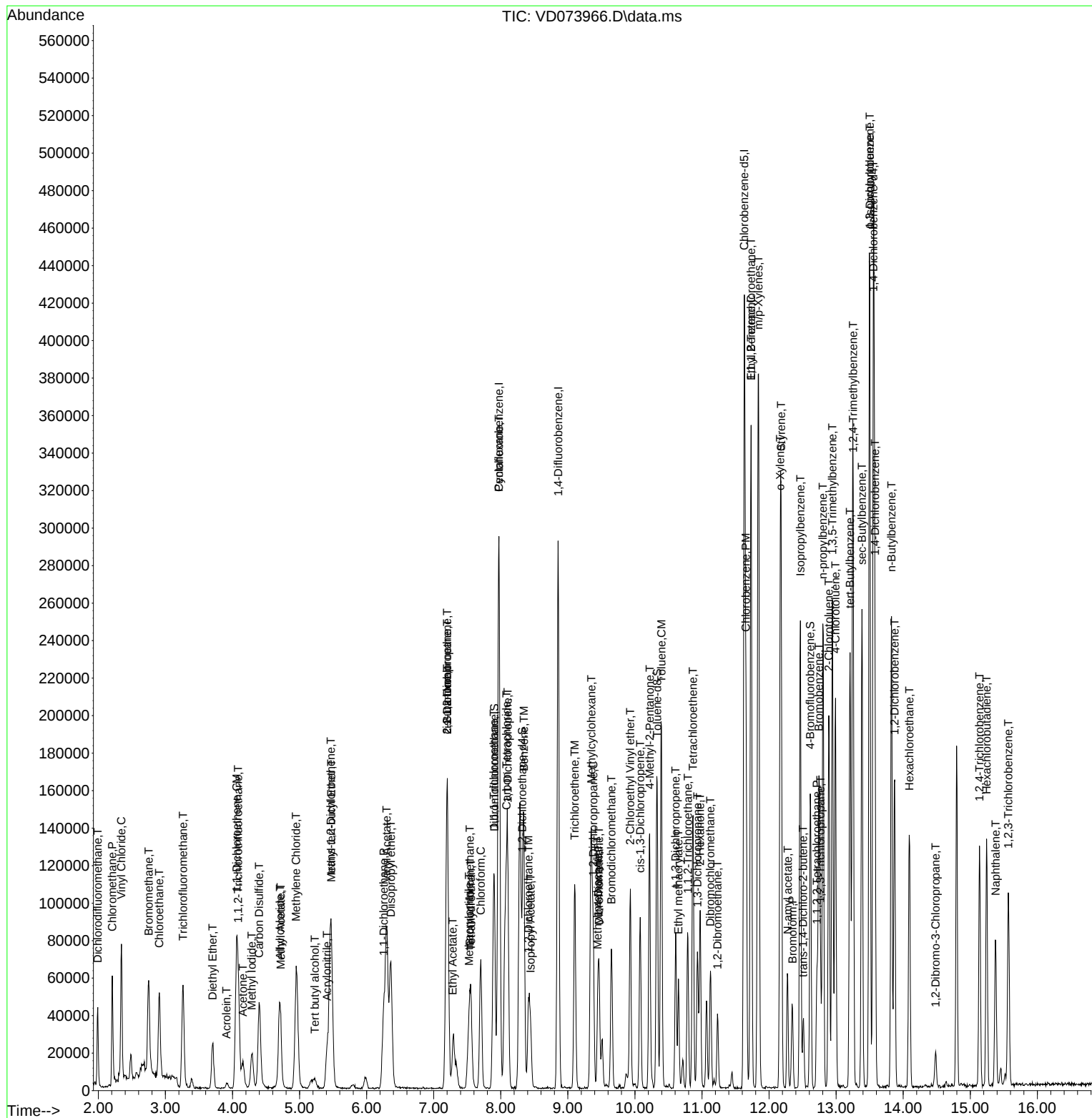
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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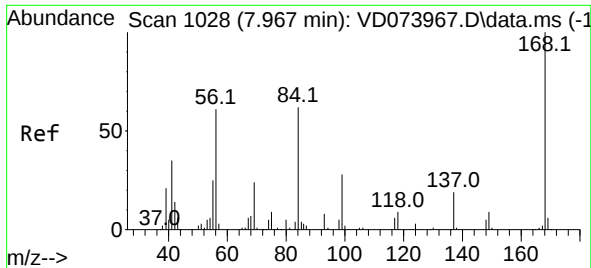
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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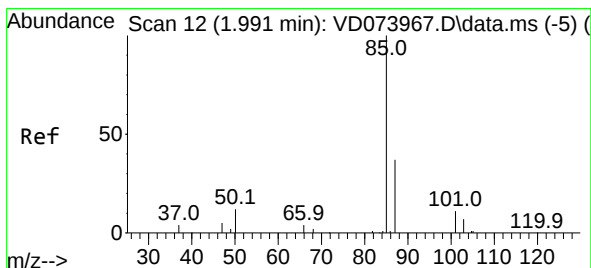
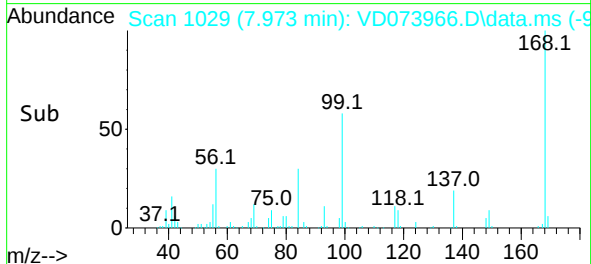
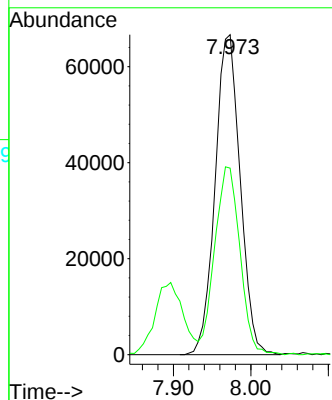
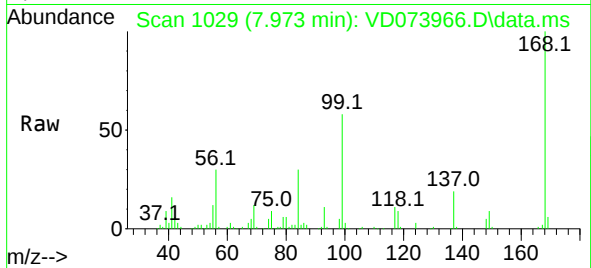




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
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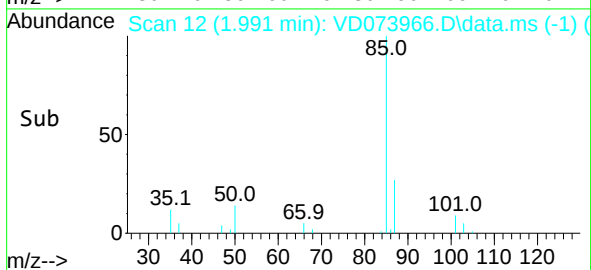
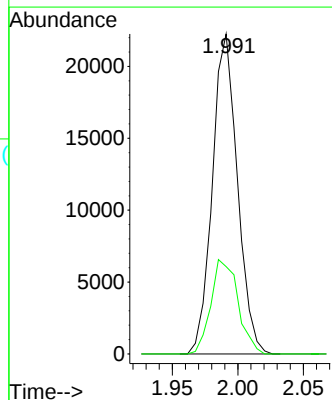
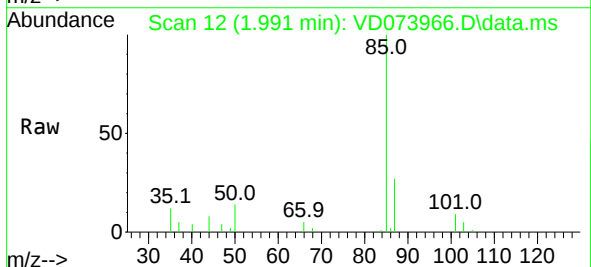
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

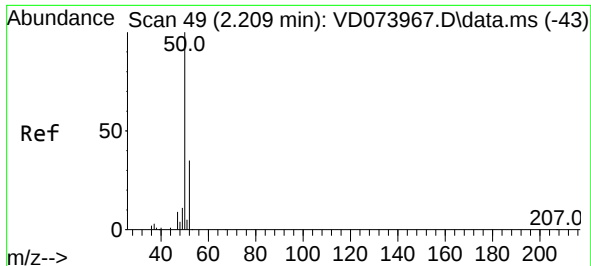
Tgt Ion:168 Resp: 149925
Ion Ratio Lower Upper
168 100
99 57.9 46.2 69.4



#2
Dichlorodifluoromethane
Concen: 19.124 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 85 Resp: 29547
Ion Ratio Lower Upper
85 100
87 27.3 18.7 56.1

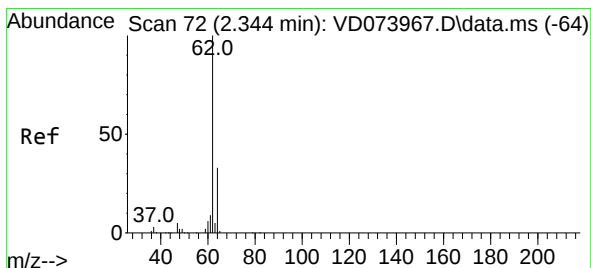
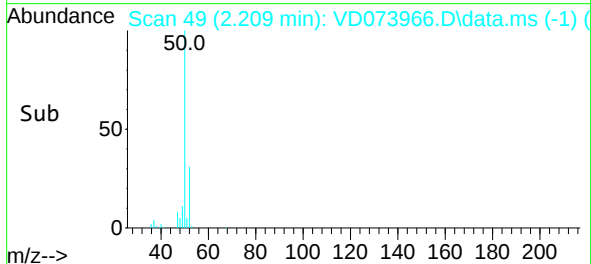
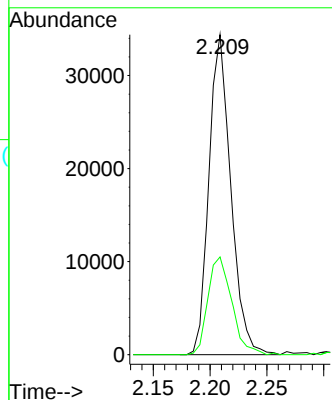
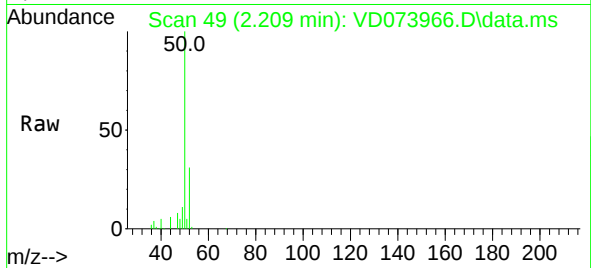




#3
Chloromethane
Concen: 20.958 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

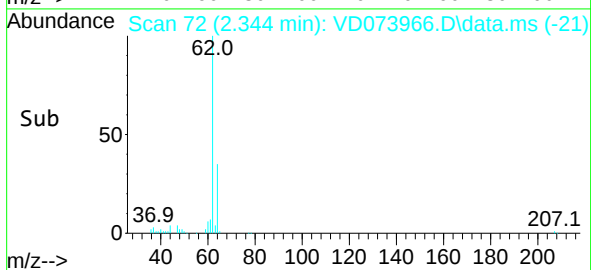
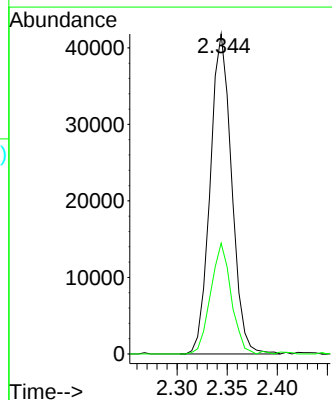
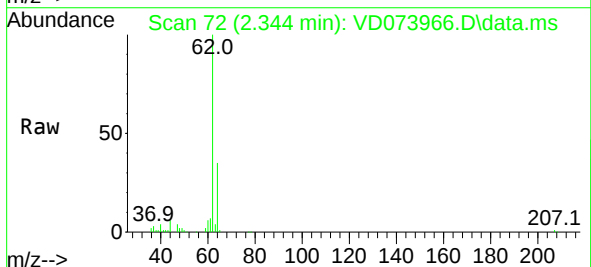
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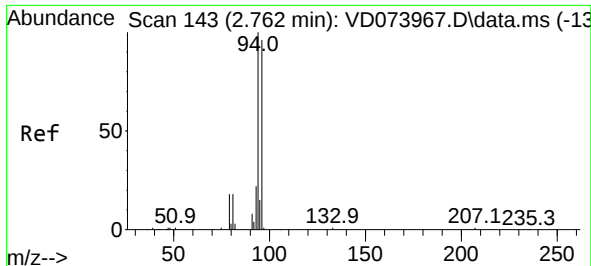
Tgt Ion: 50 Resp: 46042
Ion Ratio Lower Upper
50 100
52 30.5 27.7 41.5



#4
Vinyl Chloride
Concen: 21.053 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 62 Resp: 62279
Ion Ratio Lower Upper
62 100
64 34.6 26.1 39.1

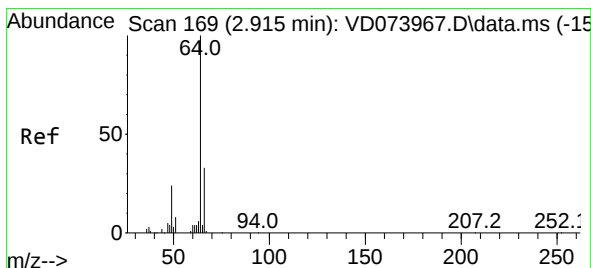
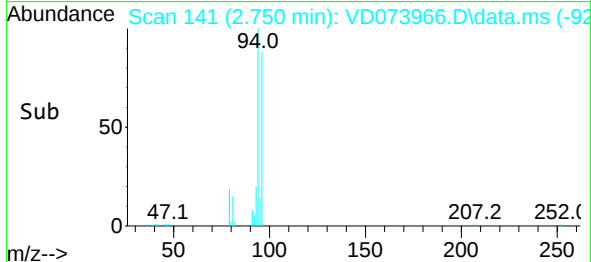
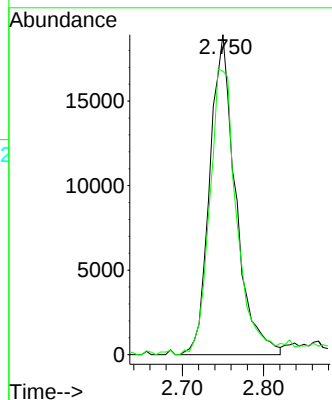
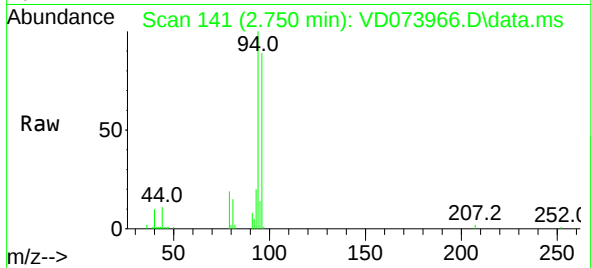




#5
Bromomethane
Concen: 20.421 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD073966.D
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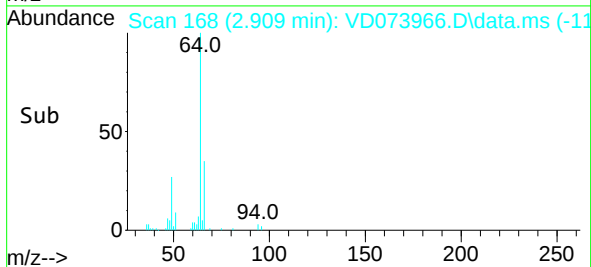
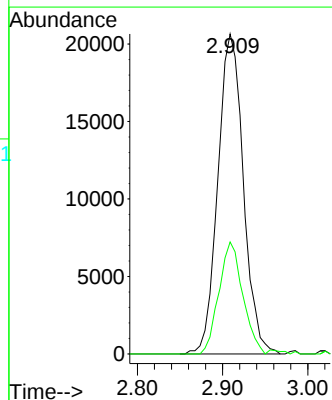
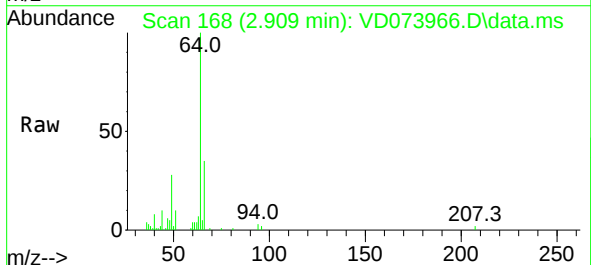
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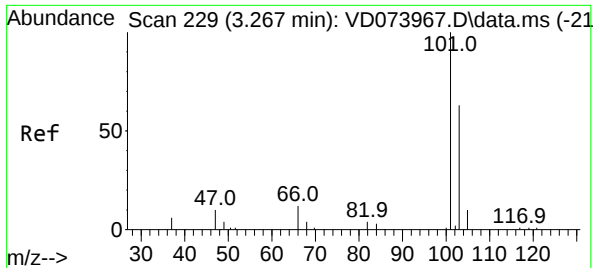
Tgt Ion: 94 Resp: 41924
Ion Ratio Lower Upper
94 100
96 88.6 77.0 115.6



#6
Chloroethane
Concen: 20.727 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073966.D
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Tgt Ion: 64 Resp: 42856
Ion Ratio Lower Upper
64 100
66 35.0 26.3 39.5

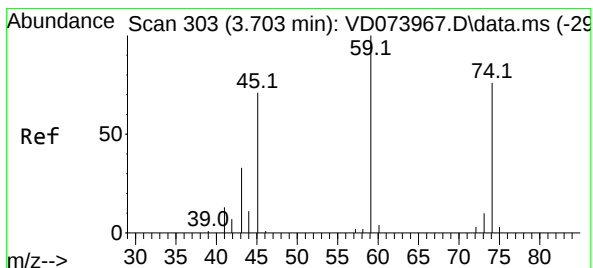
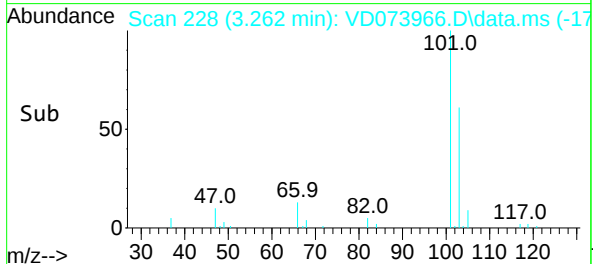
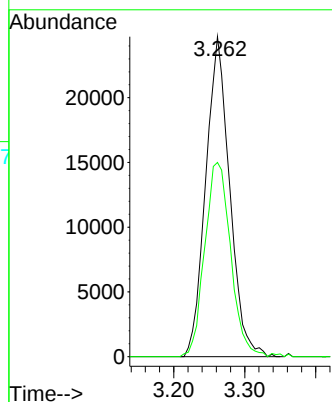
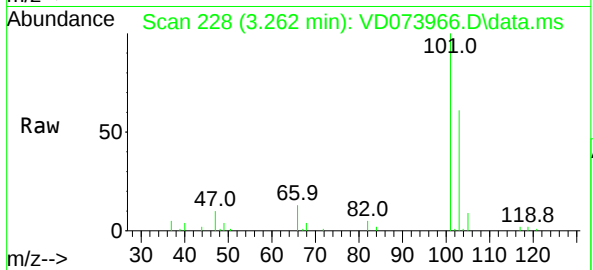




#7
Trichlorofluoromethane
Concen: 20.252 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073966.D
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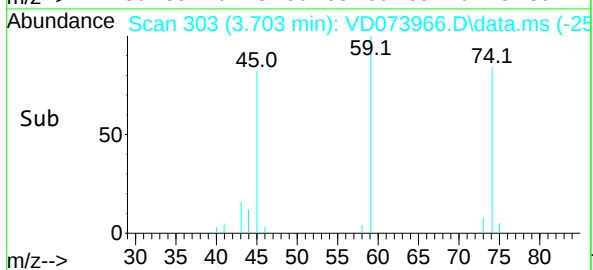
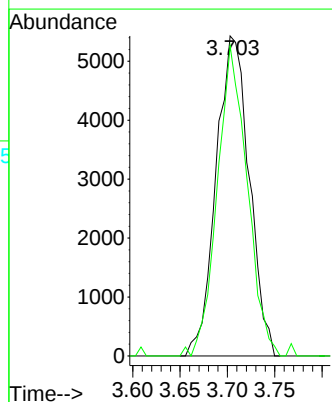
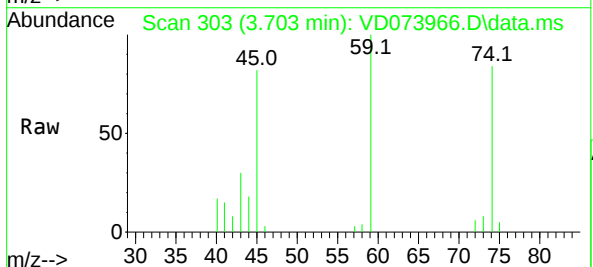
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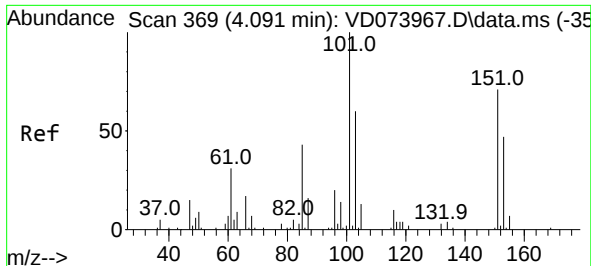
Tgt Ion:101 Resp: 57850
Ion Ratio Lower Upper
101 100
103 60.7 50.0 75.0



#8
Diethyl Ether
Concen: 19.850 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073966.D
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Tgt Ion: 74 Resp: 13202
Ion Ratio Lower Upper
74 100
45 87.8 44.4 133.1

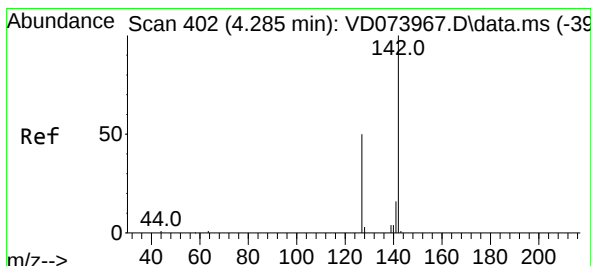
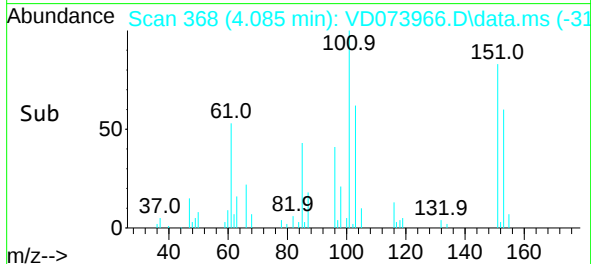
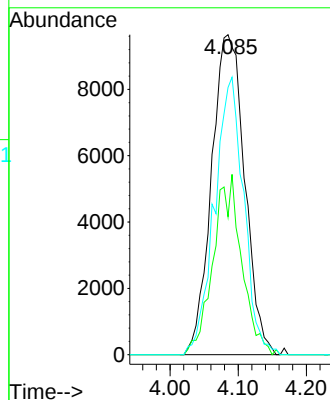
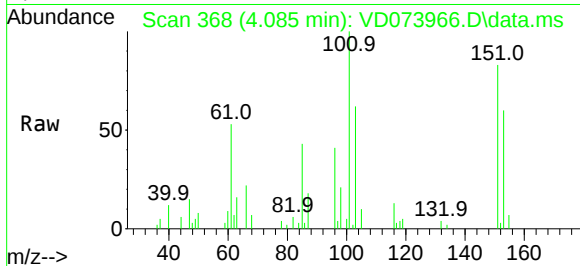




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.306 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

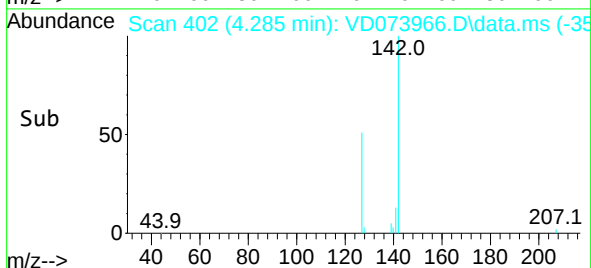
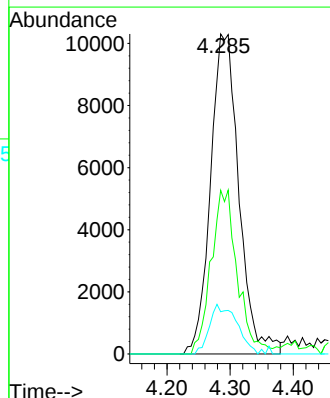
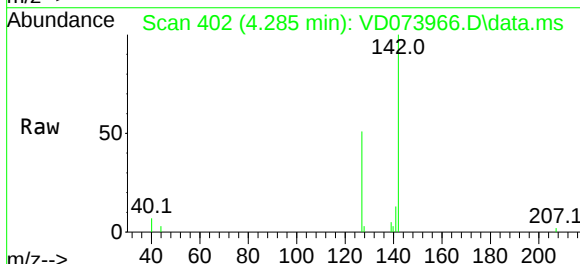
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

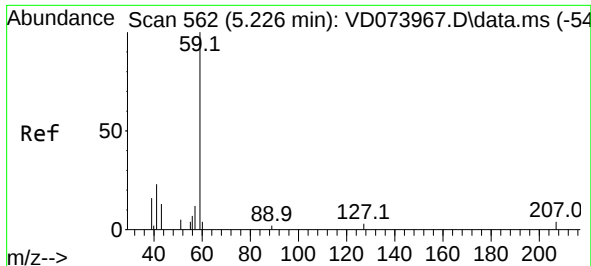
Tgt Ion:101 Resp: 32569
Ion Ratio Lower Upper
101 100
85 48.5 37.5 56.3
151 76.6 60.2 90.4



#10
Methyl Iodide
Concen: 20.408 ug/l
RT: 4.285 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:142 Resp: 32222
Ion Ratio Lower Upper
142 100
127 47.4 38.7 58.1
141 14.9 11.8 17.8

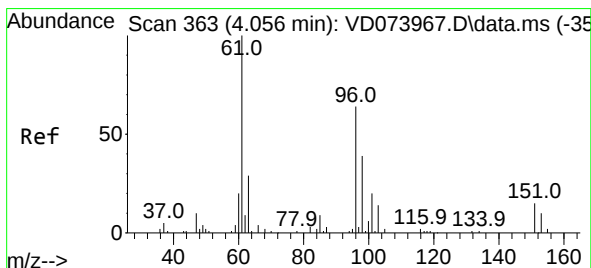
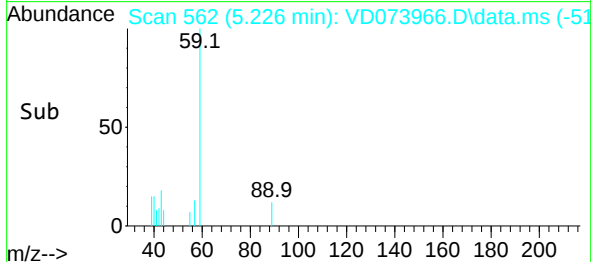
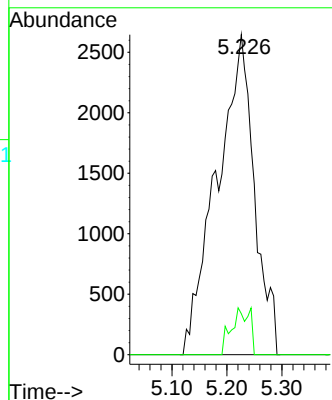
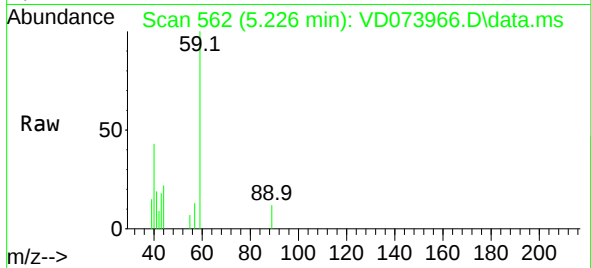




#11
Tert butyl alcohol
Concen: 96.319 ug/l
RT: 5.226 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

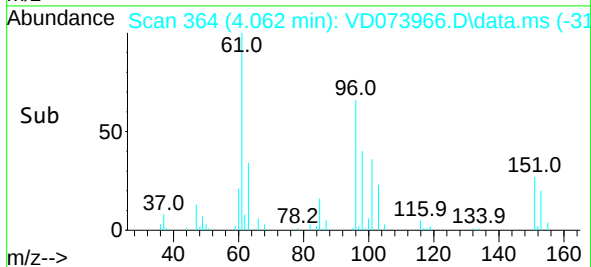
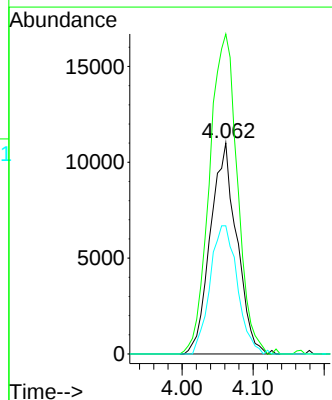
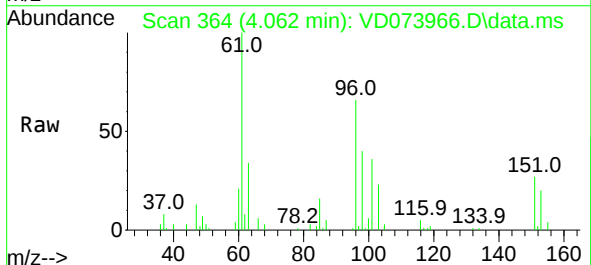
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

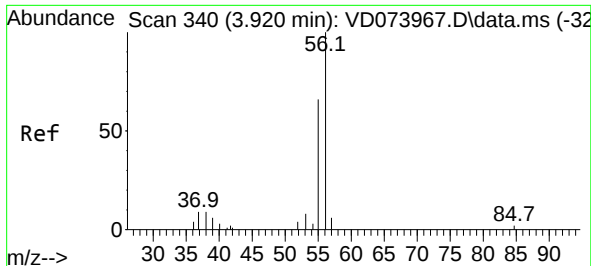
Tgt Ion: 59 Resp: 12520
Ion Ratio Lower Upper
59 100
57 7.2 3.8 5.6#



#12
1,1-Dichloroethene
Concen: 20.026 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 96 Resp: 28399
Ion Ratio Lower Upper
96 100
61 151.6 125.9 188.9
98 60.7 49.2 73.8

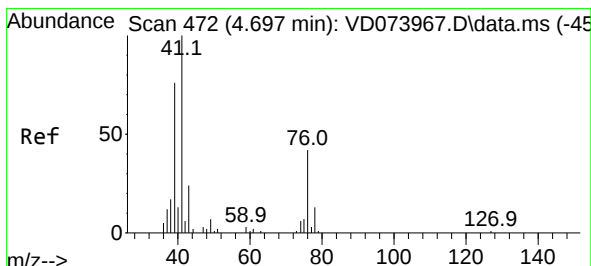
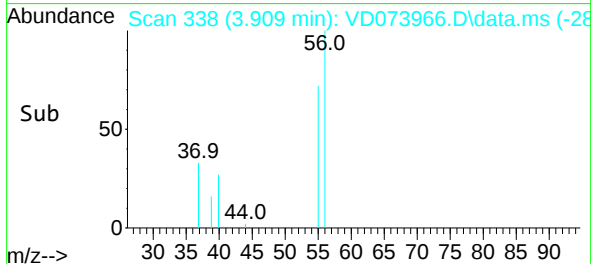
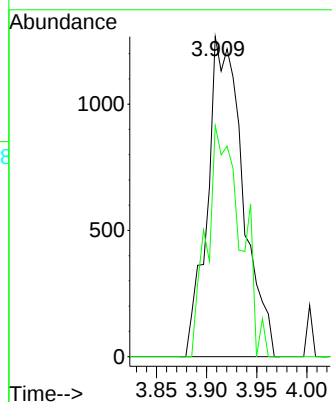
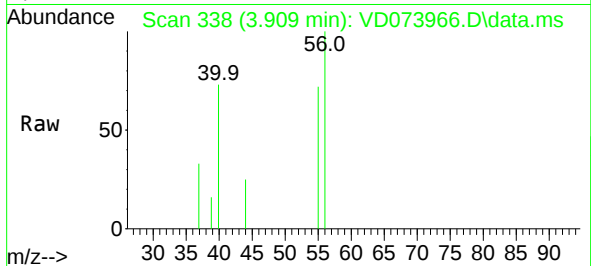




#13
Acrolein
Concen: 44.340 ug/l
RT: 3.909 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

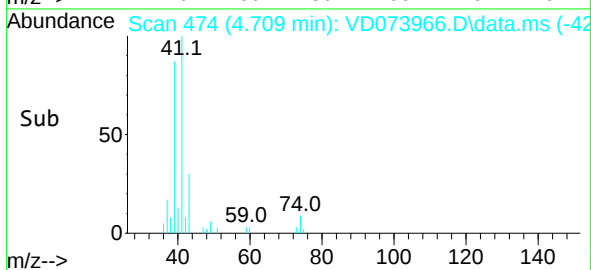
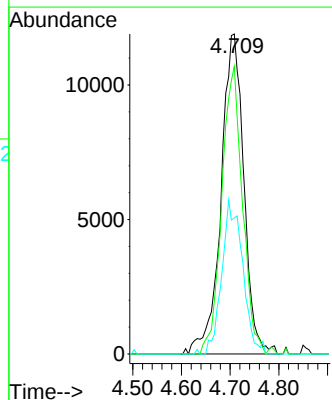
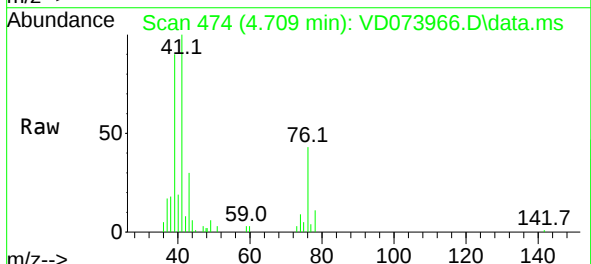
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

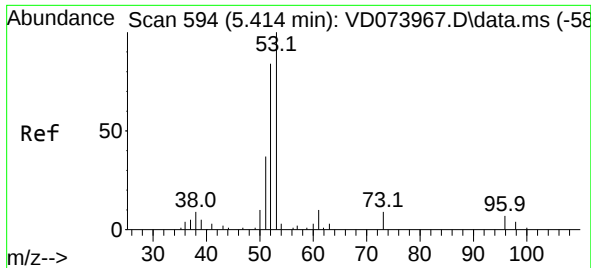
Tgt Ion: 56 Resp: 3107
Ion Ratio Lower Upper
56 100
55 68.8 55.8 83.6



#14
Allyl chloride
Concen: 20.621 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.012 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 41 Resp: 38814
Ion Ratio Lower Upper
41 100
39 81.4 63.4 95.2
76 43.7 34.4 51.6

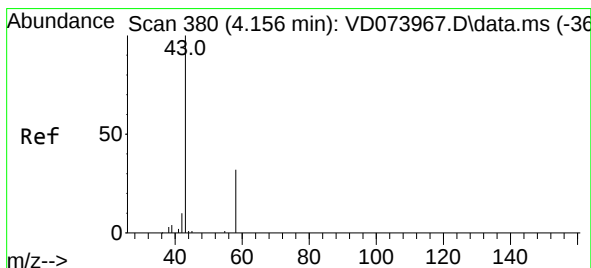
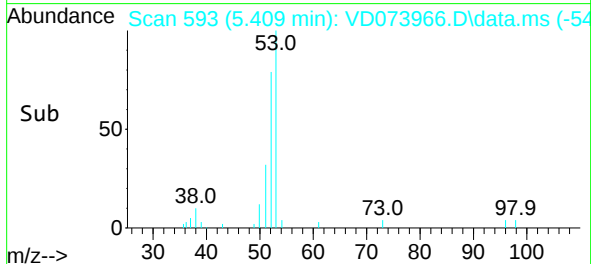
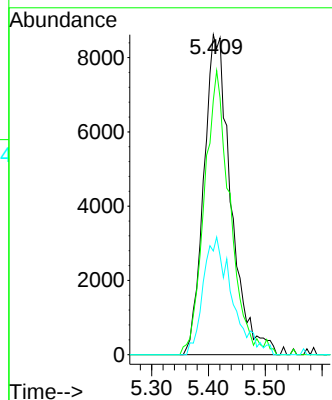
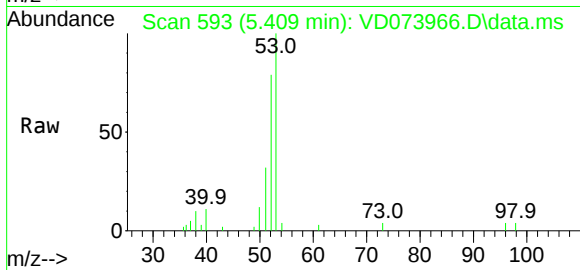




#15
Acrylonitrile
Concen: 100.370 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

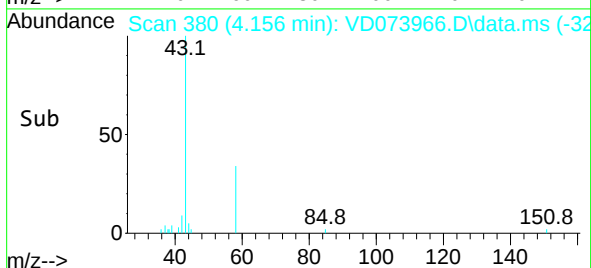
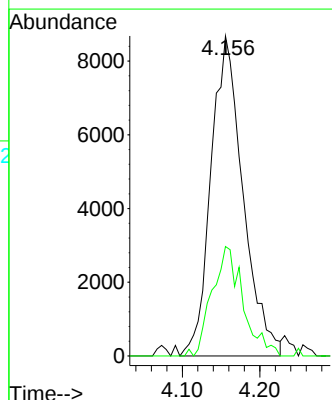
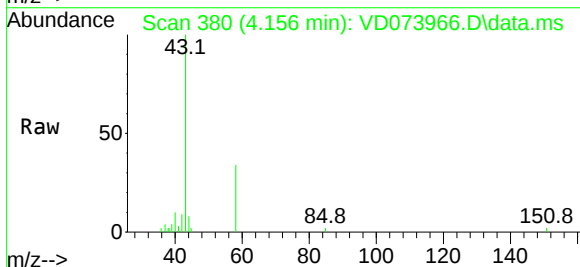
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

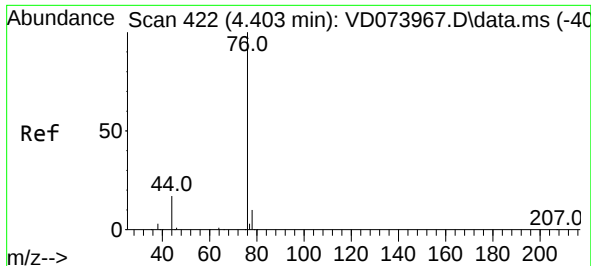
Tgt Ion:	53	Resp:	28529
Ion	Ratio	Lower	Upper
53	100		
52	83.4	62.7	94.1
51	39.4	30.8	46.2



#16
Acetone
Concen: 97.766 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:	43	Resp:	24997
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.4	38.0

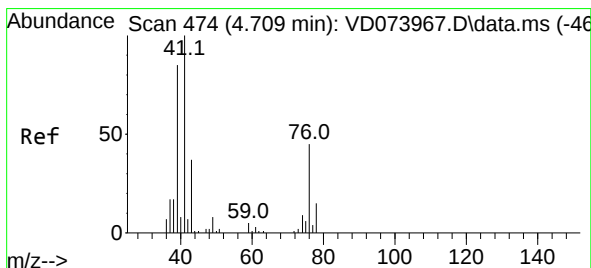
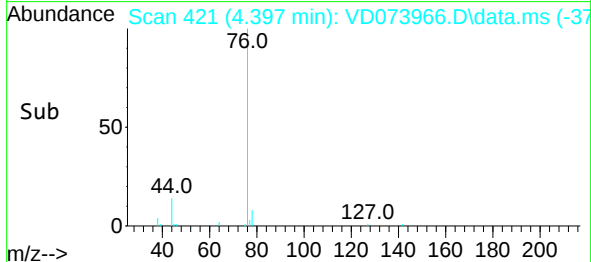
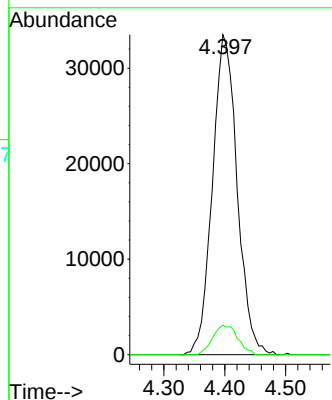
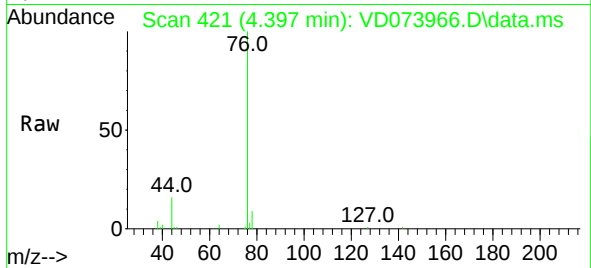




#17
Carbon Disulfide
Concen: 21.261 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

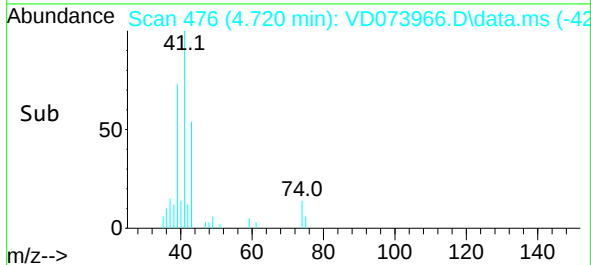
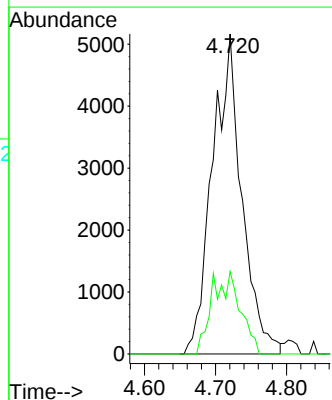
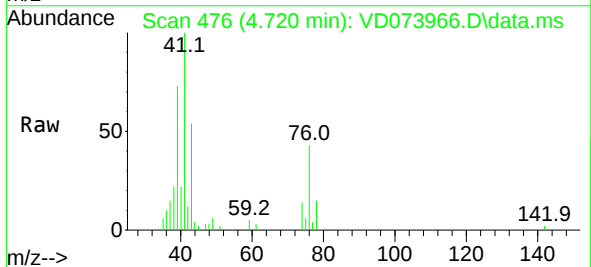
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

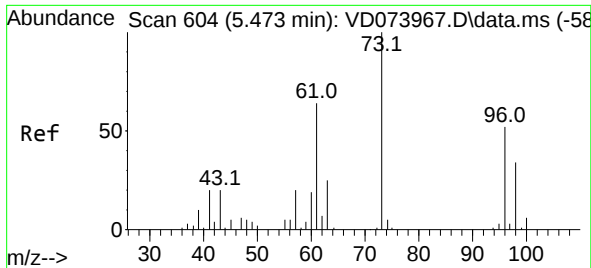
Tgt Ion: 76 Resp: 94582
Ion Ratio Lower Upper
76 100
78 9.2 7.9 11.9



#18
Methyl Acetate
Concen: 18.938 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 43 Resp: 14825
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#

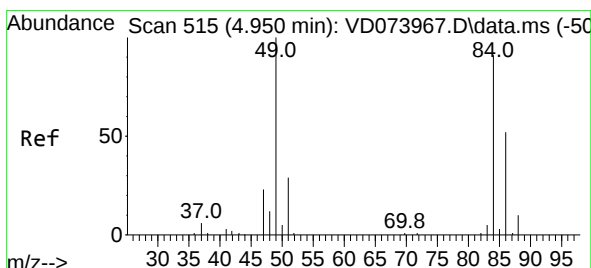
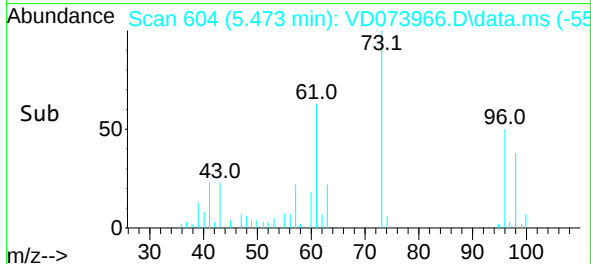
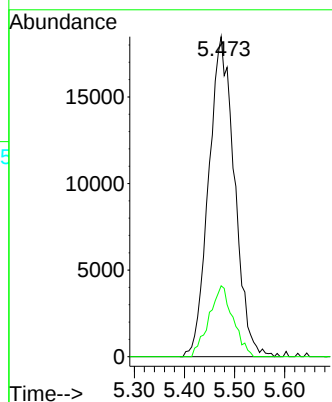
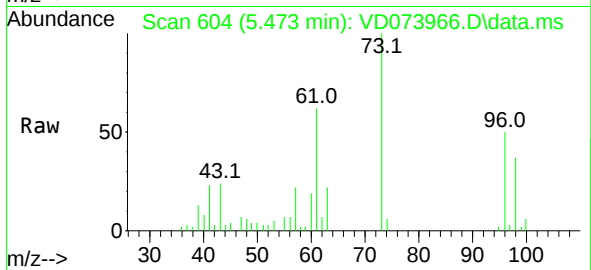




#19
Methyl tert-butyl Ether
Concen: 20.048 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

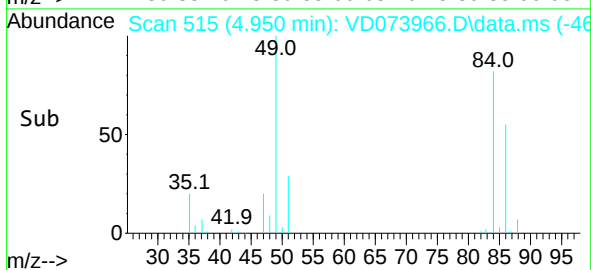
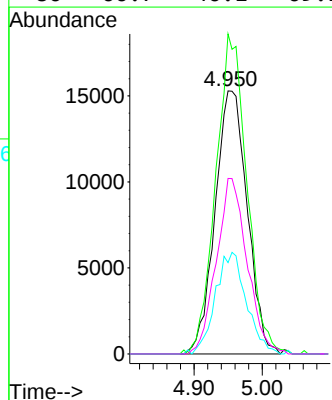
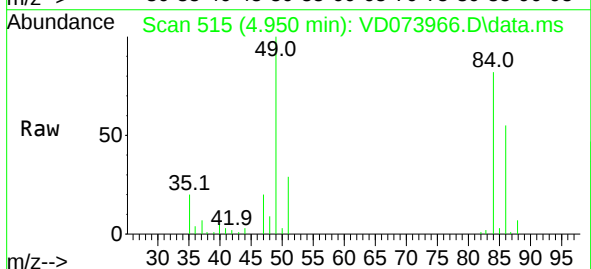
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

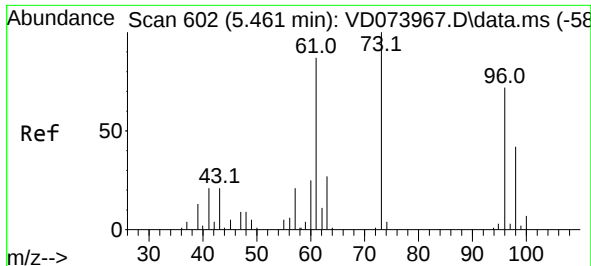
Tgt Ion: 73 Resp: 65983
Ion Ratio Lower Upper
73 100
57 22.2 15.8 23.6



#20
Methylene Chloride
Concen: 20.104 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 84 Resp: 50185
Ion Ratio Lower Upper
84 100
49 121.6 87.9 131.9
51 34.7 25.7 38.5
86 66.7 46.1 69.1

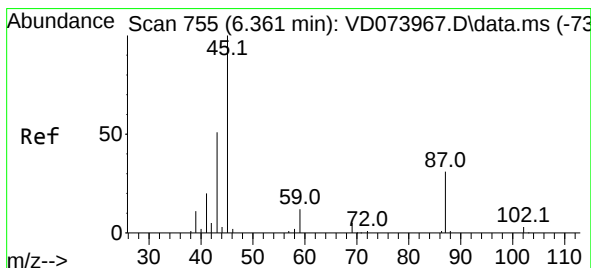
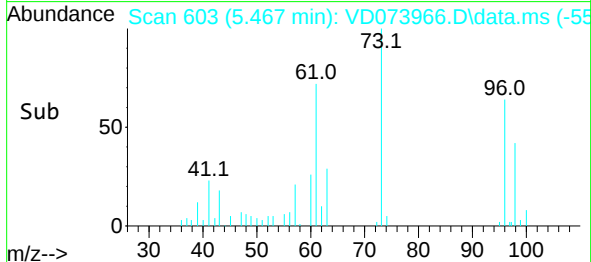
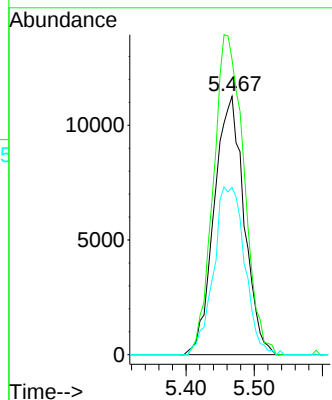
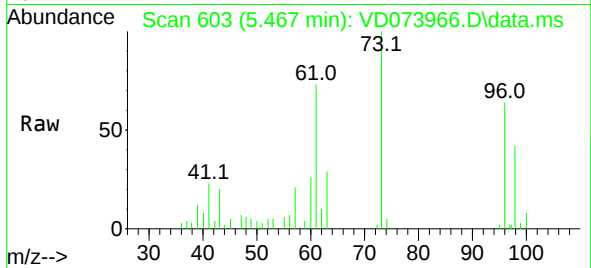




#21
trans-1,2-Dichloroethene
Concen: 20.052 ug/l
RT: 5.467 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

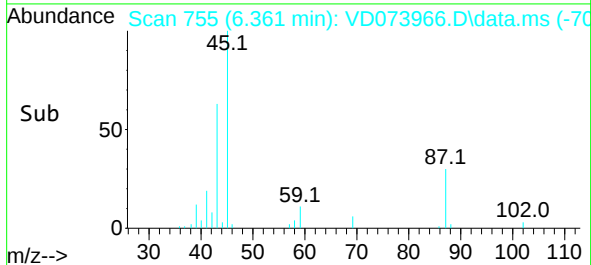
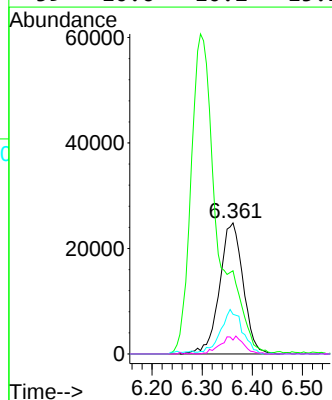
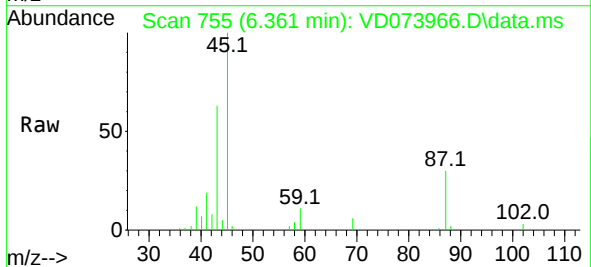
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

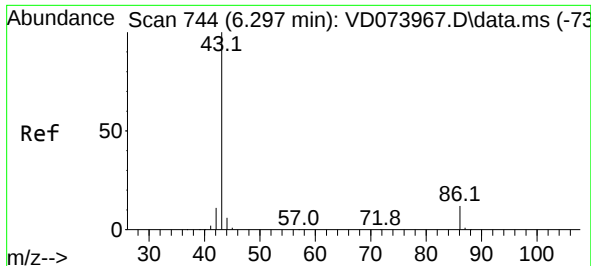
Tgt Ion: 96 Resp: 34363
Ion Ratio Lower Upper
96 100
61 114.3 96.9 145.3
98 64.8 47.2 70.8



#22
Diisopropyl ether
Concen: 19.964 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 45 Resp: 80953
Ion Ratio Lower Upper
45 100
43 61.6 46.1 69.1
87 30.3 25.8 38.6
59 10.6 10.2 15.2

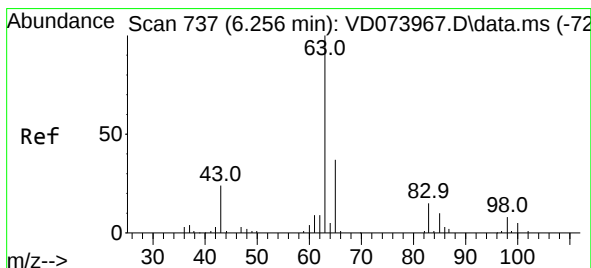
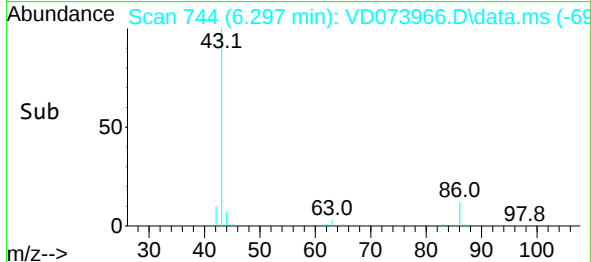
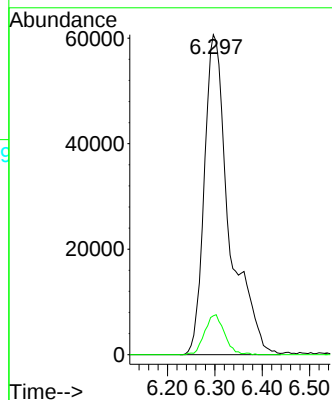
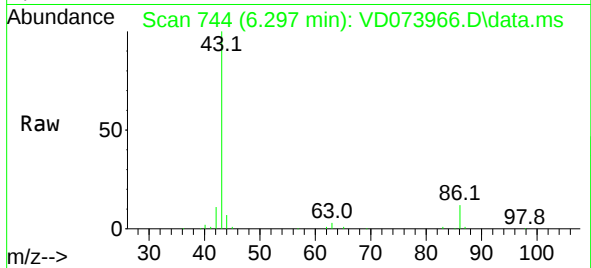




#23
 Vinyl Acetate
 Concen: 105.077 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073966.D
 Acq: 05 Aug 2022 15:25

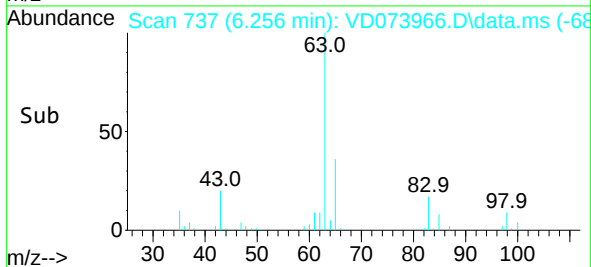
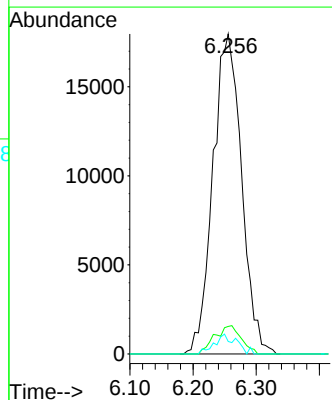
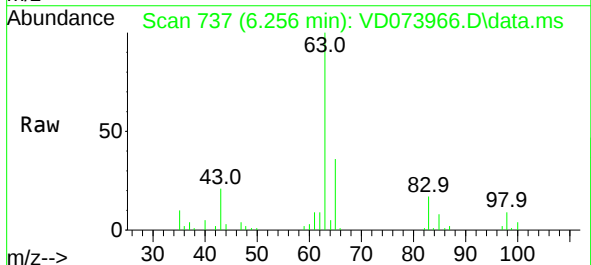
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

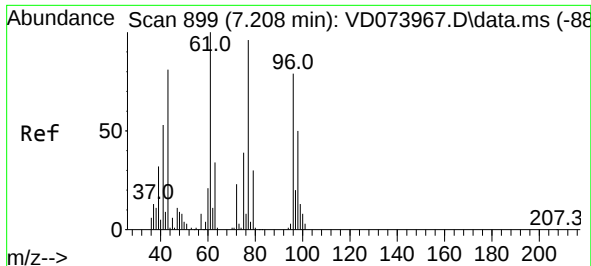
Tgt Ion: 43 Resp: 222474
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 20.212 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073966.D
 Acq: 05 Aug 2022 15:25

Tgt Ion: 63 Resp: 56439
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.1 12.3
 100 3.9 2.3 6.8

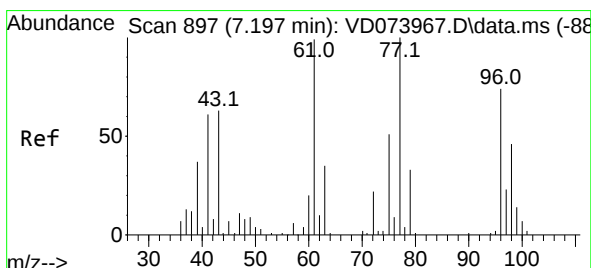
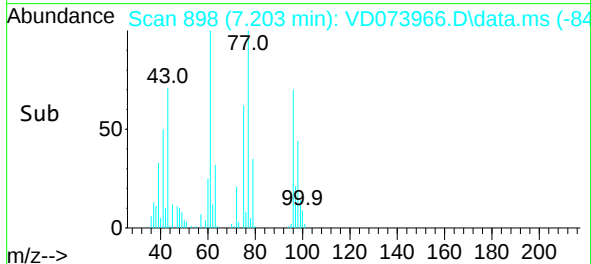
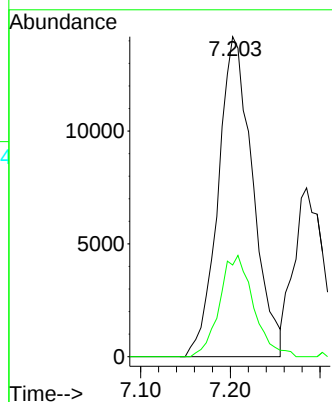
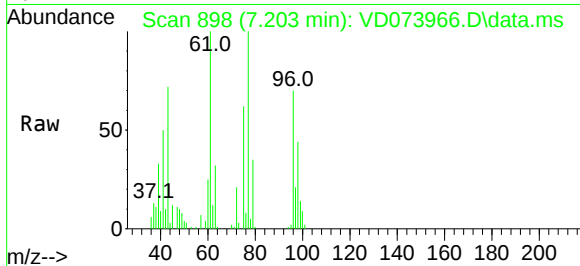




#25
2-Butanone
Concen: 98.822 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

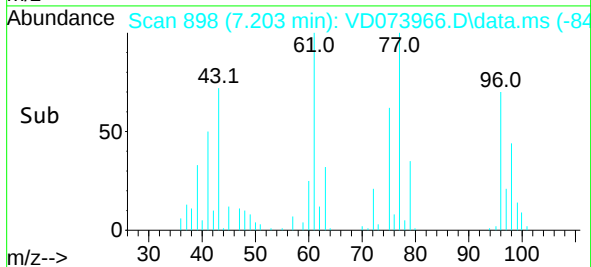
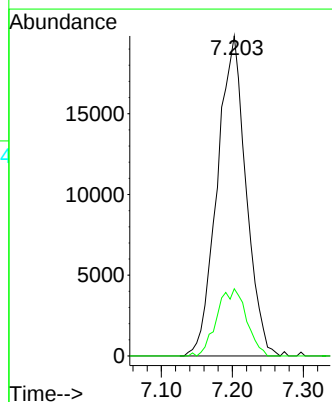
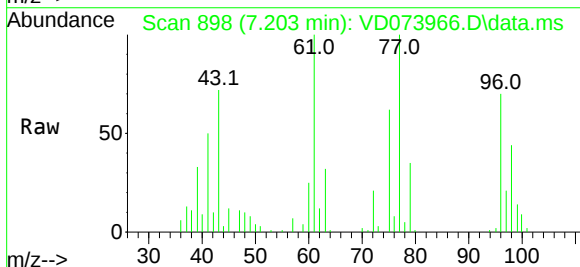
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

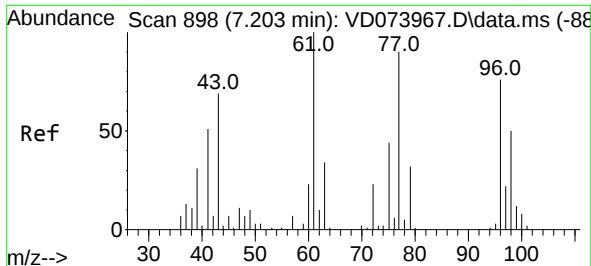
Tgt Ion: 43 Resp: 37933
Ion Ratio Lower Upper
43 100
72 28.7 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.115 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 77 Resp: 55765
Ion Ratio Lower Upper
77 100
97 21.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.985 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

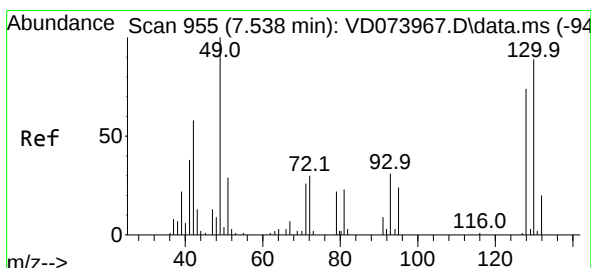
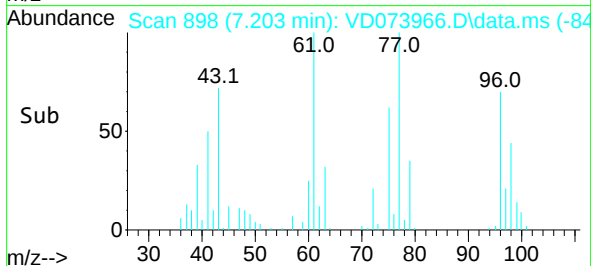
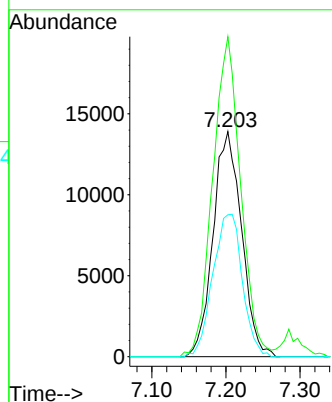
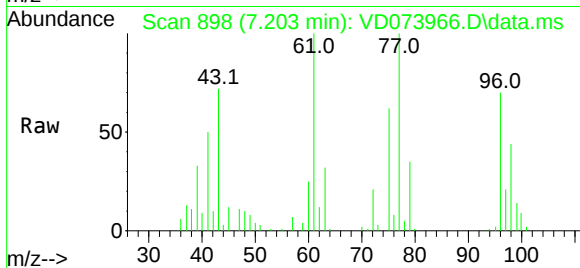
Tgt Ion: 96 Resp: 37061

Ion Ratio Lower Upper

96 100

61 139.4 0.0 276.8

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 19.392 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

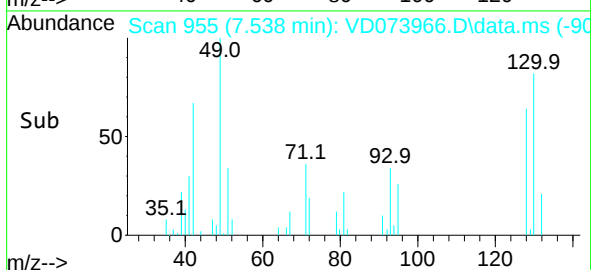
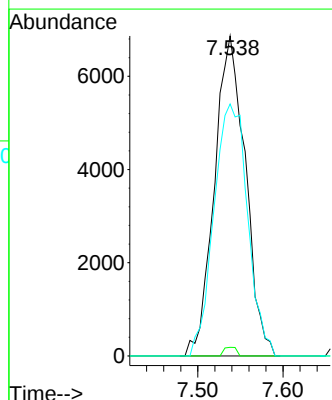
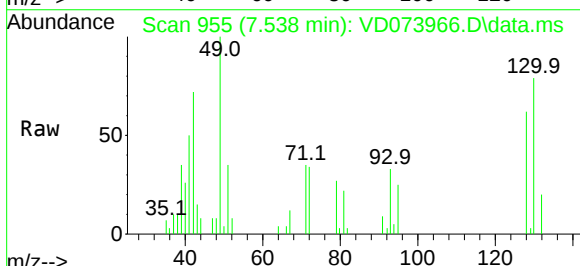
Tgt Ion: 49 Resp: 17316

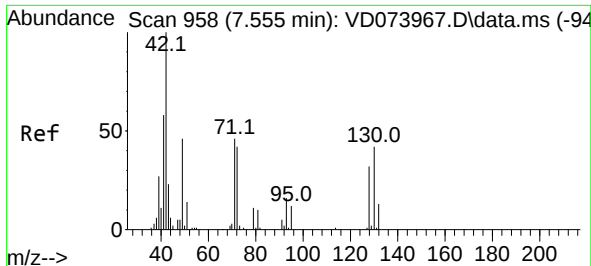
Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.4

130 85.8 71.7 107.5

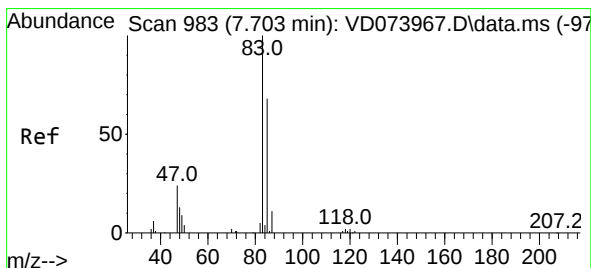
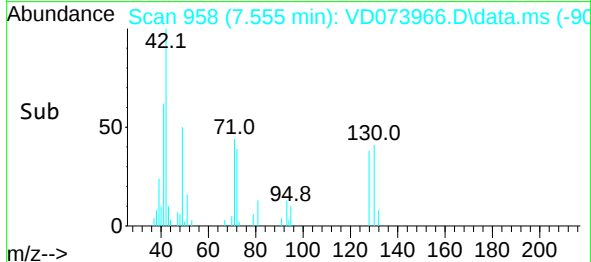
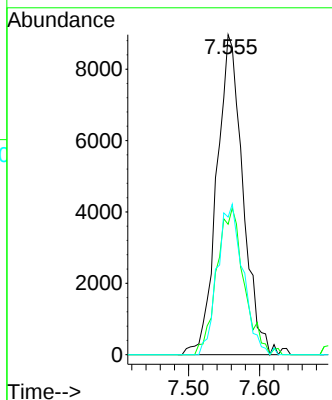
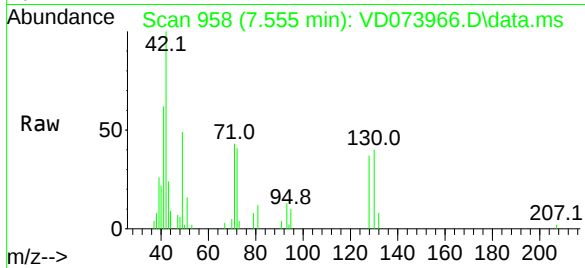




#29
Tetrahydrofuran
Concen: 100.733 ug/l
RT: 7.555 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

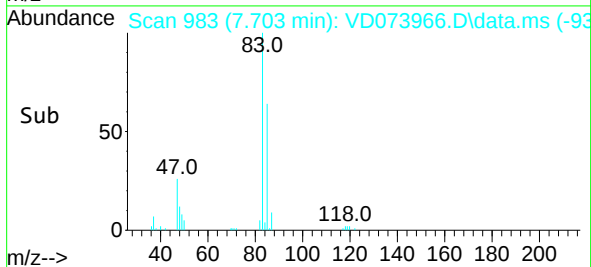
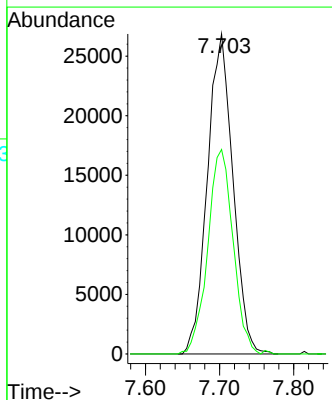
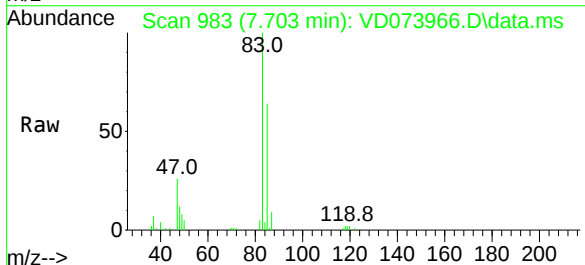
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

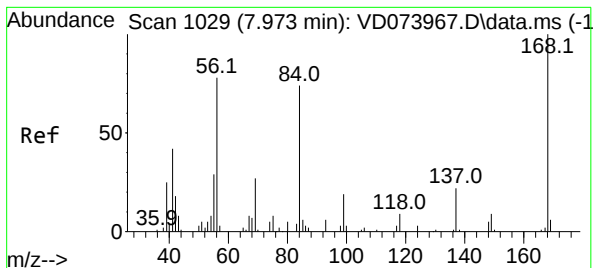
Tgt Ion: 42 Resp: 22839
Ion Ratio Lower Upper
42 100
72 47.9 37.0 55.6
71 46.3 36.9 55.3



#30
Chloroform
Concen: 20.399 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 83 Resp: 64356
Ion Ratio Lower Upper
83 100
85 63.9 54.2 81.4





#31

Cyclohexane

Concen: 19.868 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

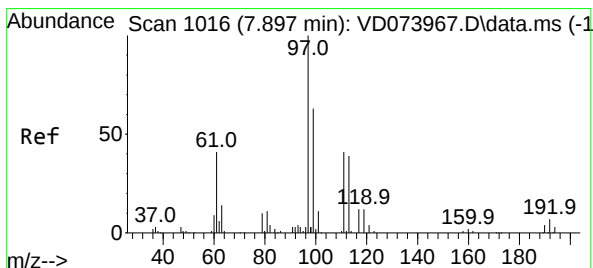
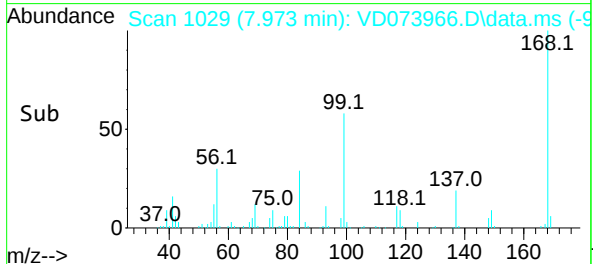
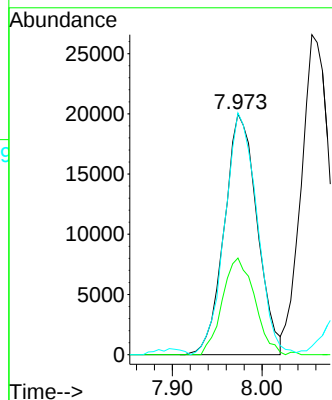
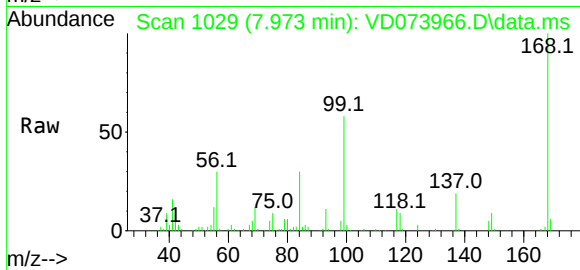
Tgt Ion: 56 Resp: 50734

Ion Ratio Lower Upper

56 100

69 40.1 27.6 41.4

84 98.5 75.4 113.0



#32

1,1,1-Trichloroethane

Concen: 20.318 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

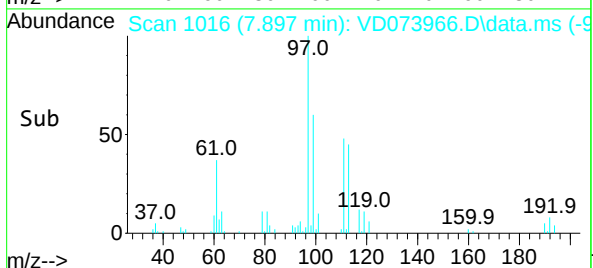
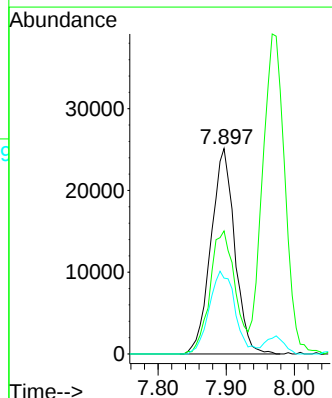
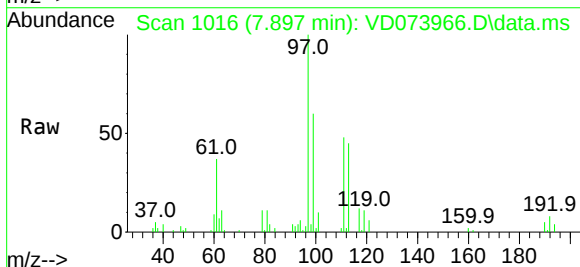
Tgt Ion: 97 Resp: 61004

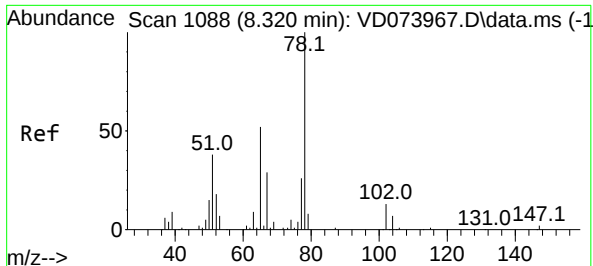
Ion Ratio Lower Upper

97 100

99 63.3 51.1 76.7

61 43.8 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 23.341 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

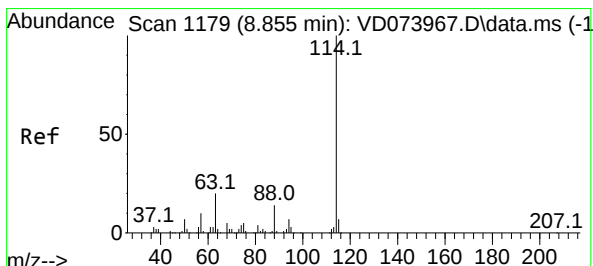
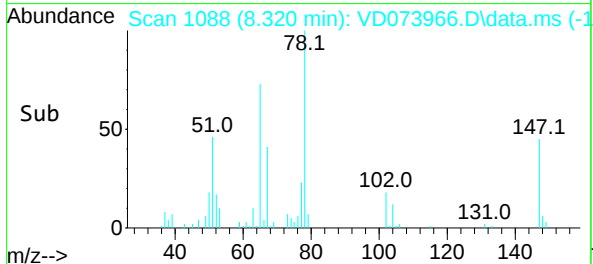
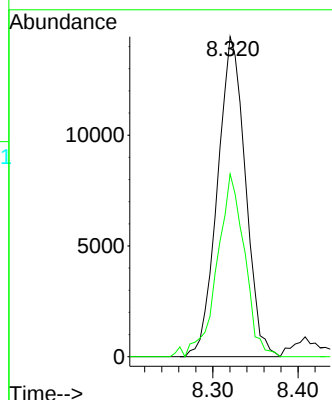
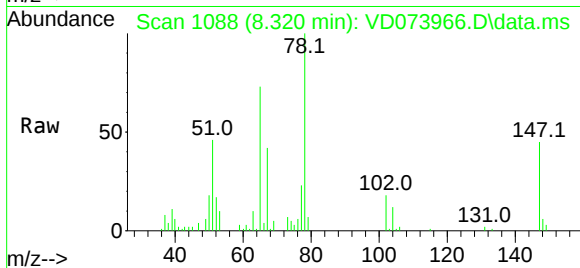
VSTDIC020

Tgt Ion: 65 Resp: 32867

Ion Ratio Lower Upper

65 100

67 56.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

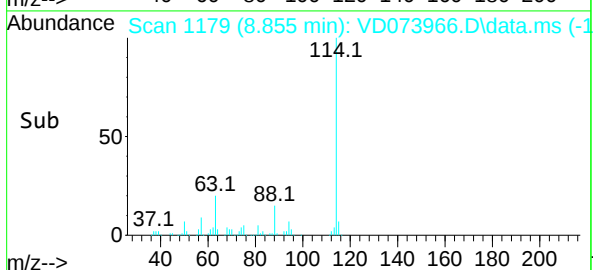
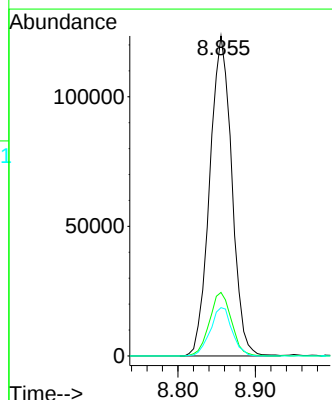
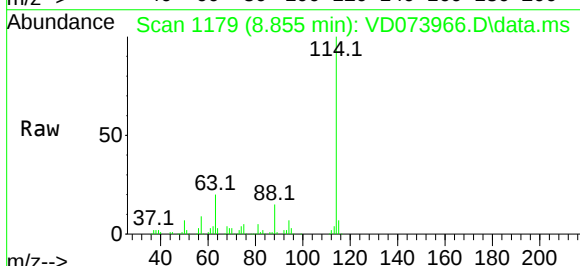
Tgt Ion: 114 Resp: 244183

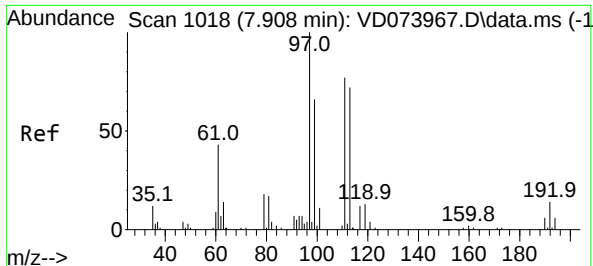
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 21.945 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

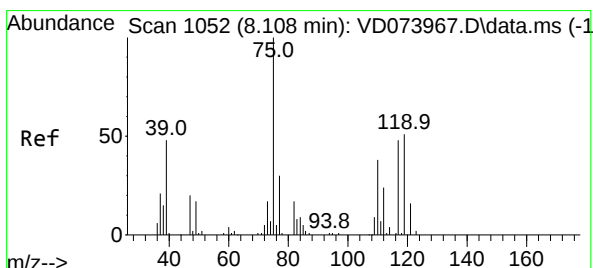
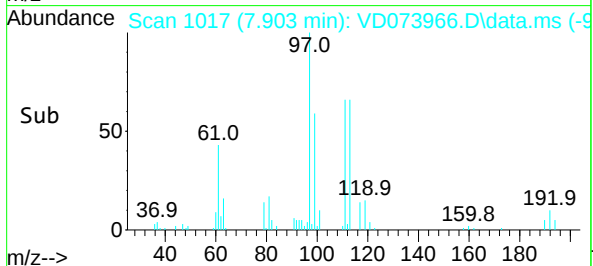
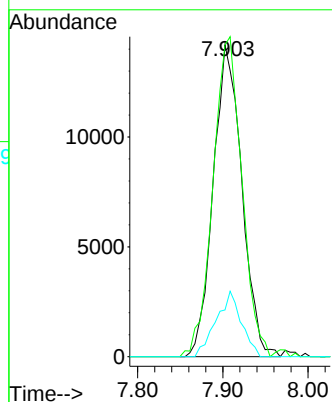
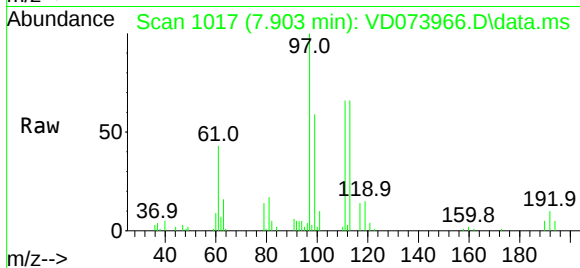
Tgt Ion:113 Resp: 33013

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 20.095 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

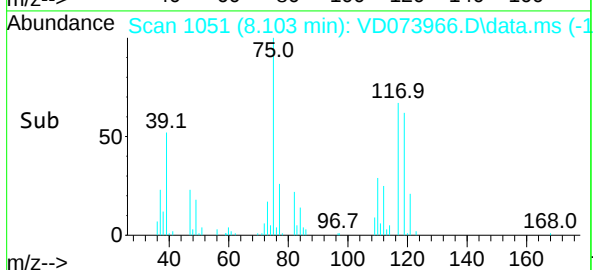
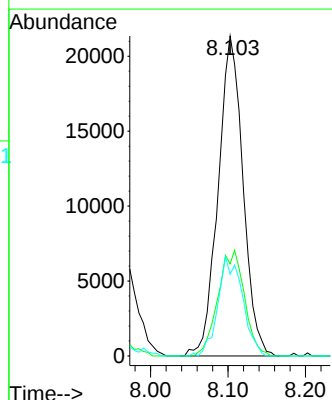
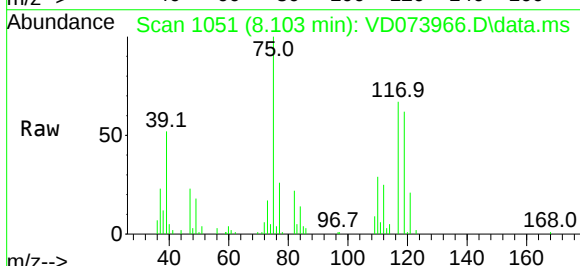
Tgt Ion: 75 Resp: 47722

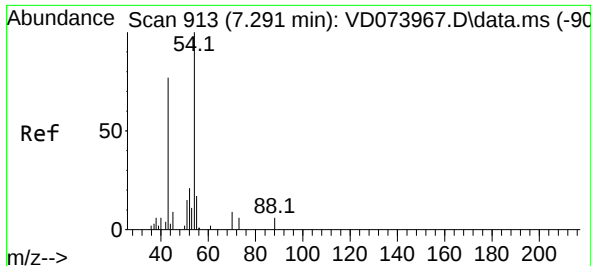
Ion Ratio Lower Upper

75 100

110 35.2 18.9 56.7

77 30.6 25.5 38.3

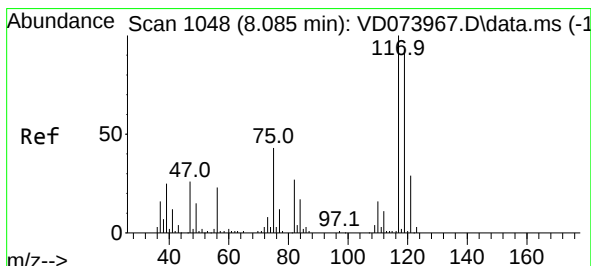
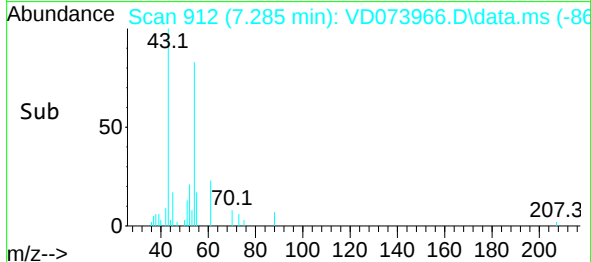
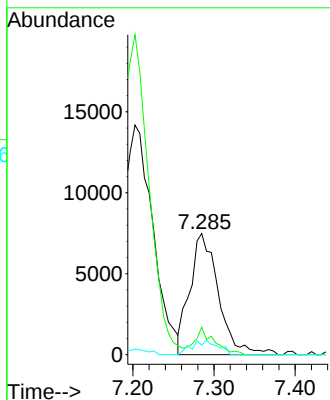
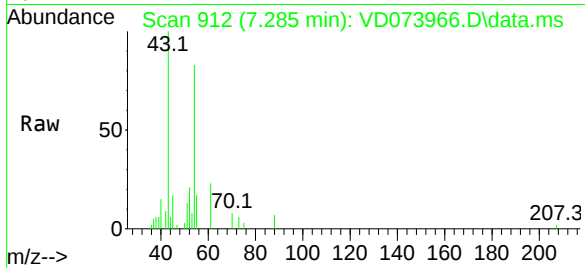




#37
Ethyl Acetate
Concen: 20.732 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

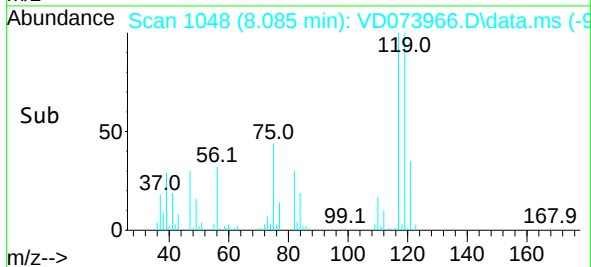
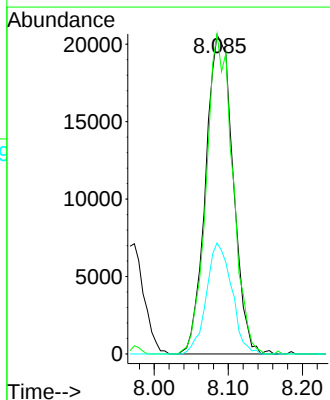
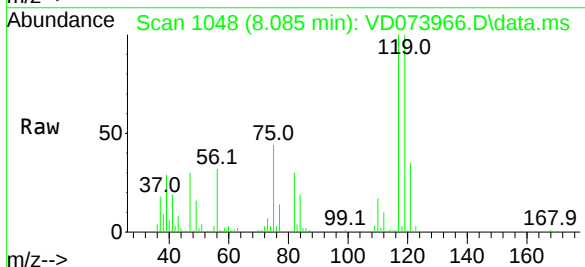
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

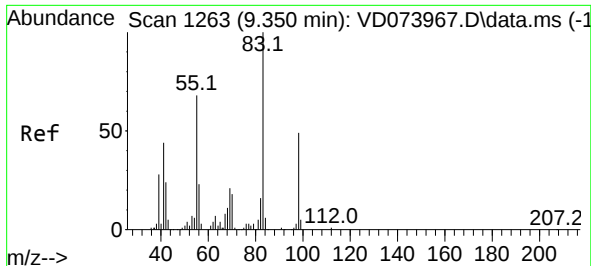
Tgt Ion: 43 Resp: 18311
Ion Ratio Lower Upper
43 100
61 15.5 11.2 16.8
70 10.7 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.017 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 117 Resp: 52943
Ion Ratio Lower Upper
117 100
119 100.3 74.7 112.1
121 34.8 23.4 35.0





#39

Methylcyclohexane

Concen: 20.214 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

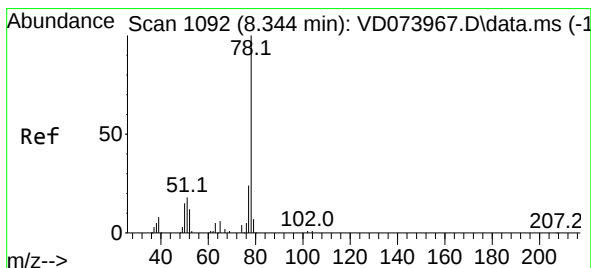
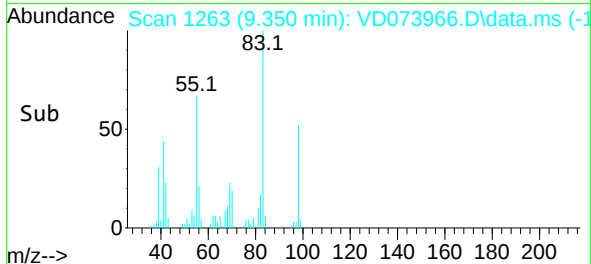
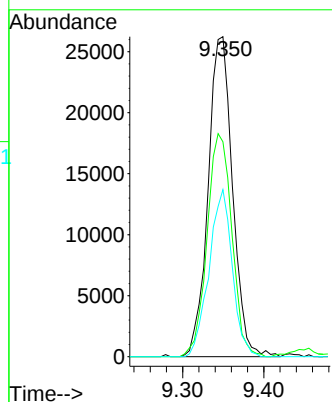
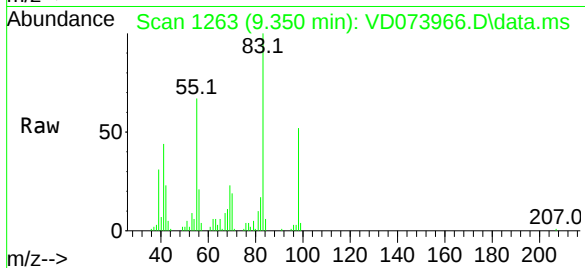
Tgt Ion: 83 Resp: 54895

Ion Ratio Lower Upper

83 100

55 67.2 54.1 81.1

98 52.2 39.2 58.8



#40

Benzene

Concen: 19.980 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073966.D

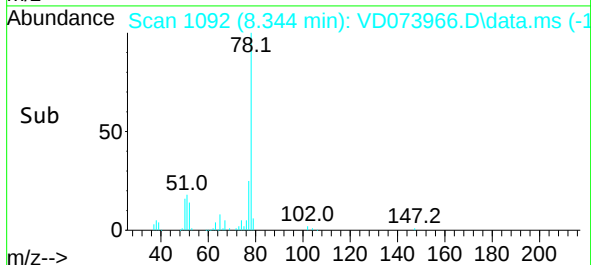
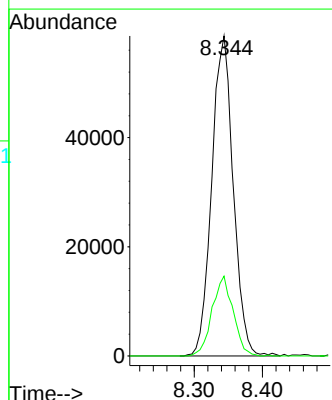
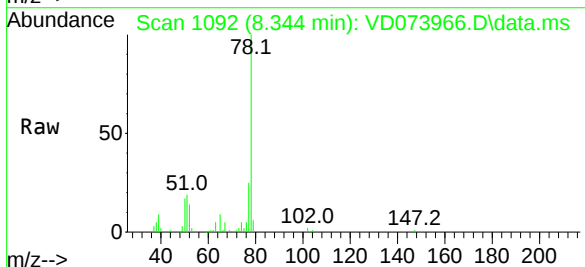
Acq: 05 Aug 2022 15:25

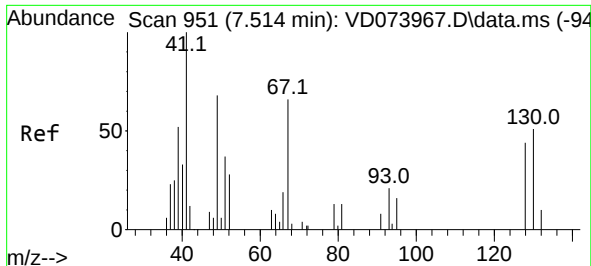
Tgt Ion: 78 Resp: 128864

Ion Ratio Lower Upper

78 100

77 25.0 19.3 28.9

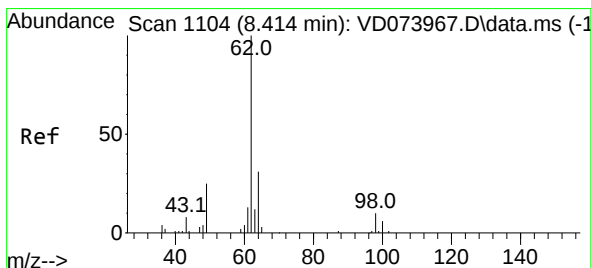
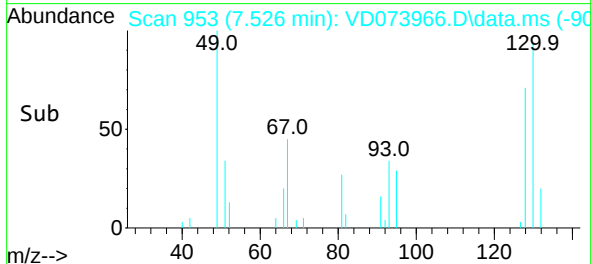
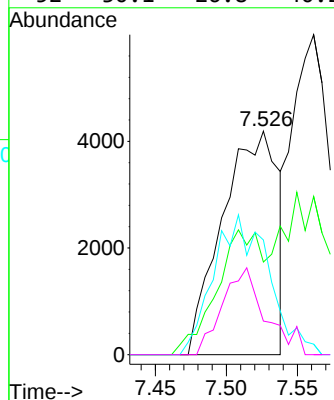
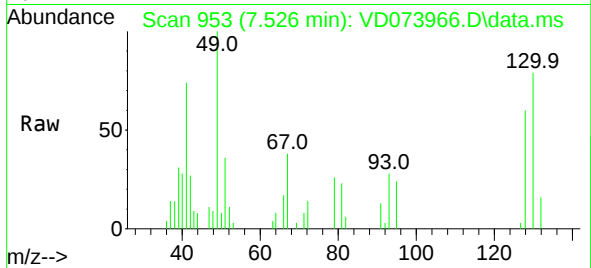




#41
Methacrylonitrile
Concen: 24.459 ug/l
RT: 7.526 min Scan# 911
Delta R.T. 0.012 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

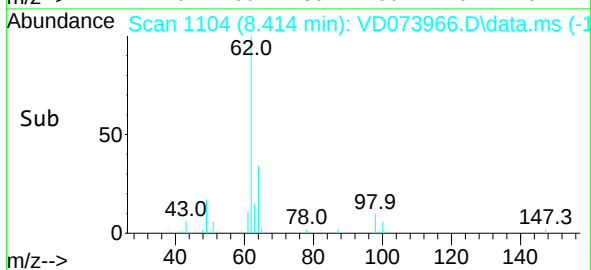
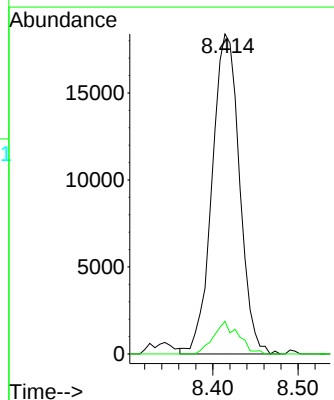
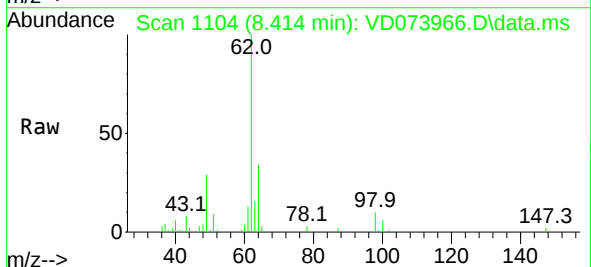
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

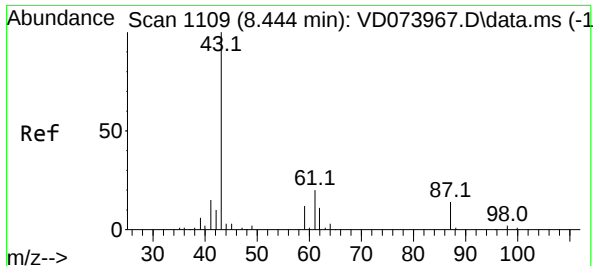
Tgt Ion:	41	Resp:	11409
Ion	Ratio	Lower	Upper
41	100		
39	45.3	45.3	67.9#
67	62.1	60.2	90.4
52	30.1	26.8	40.2



#42
1,2-Dichloroethane
Concen: 21.050 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:	62	Resp:	41188
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.112 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

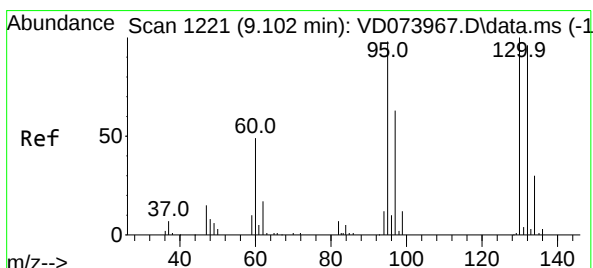
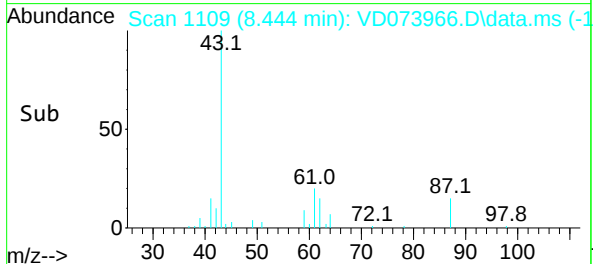
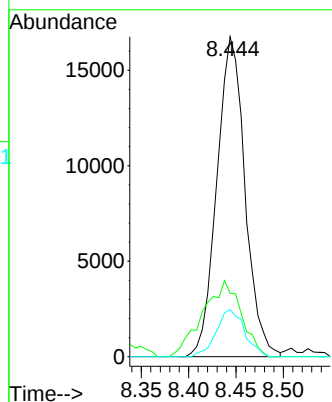
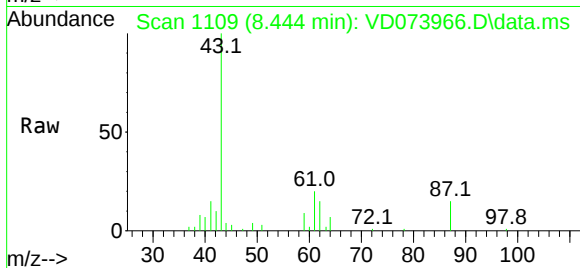
Tgt Ion: 43 Resp: 34709

Ion Ratio Lower Upper

43 100

61 32.4 25.8 38.6

87 14.8 11.8 17.8



#44

Trichloroethene

Concen: 20.187 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD073966.D

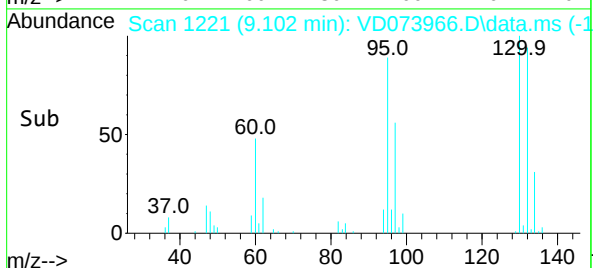
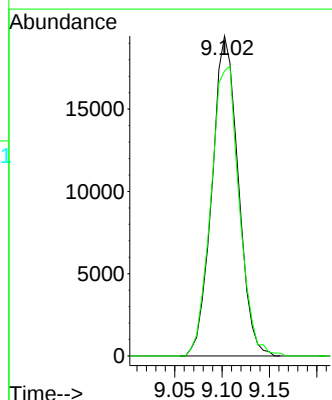
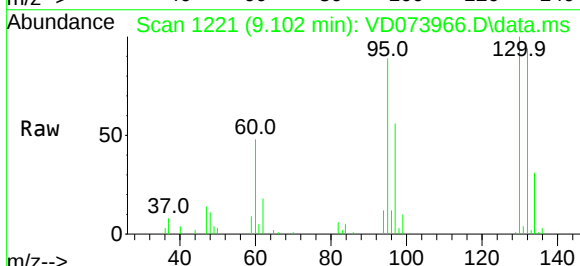
Acq: 05 Aug 2022 15:25

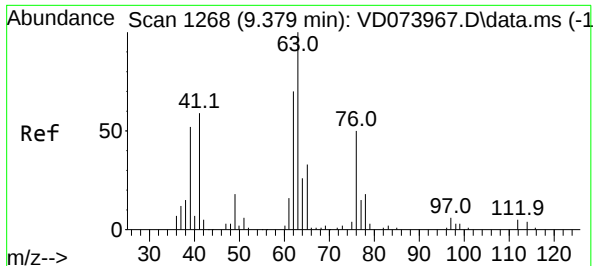
Tgt Ion:130 Resp: 37478

Ion Ratio Lower Upper

130 100

95 89.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.093 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

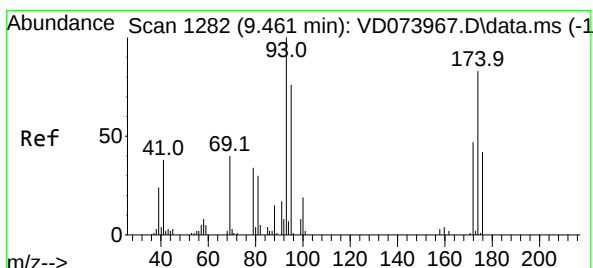
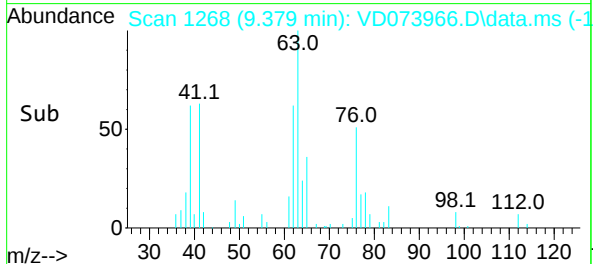
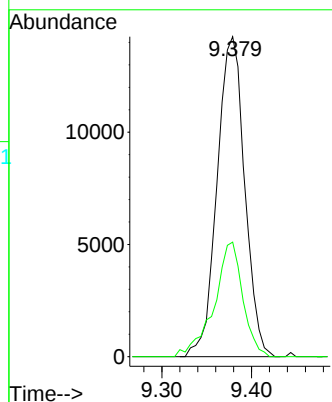
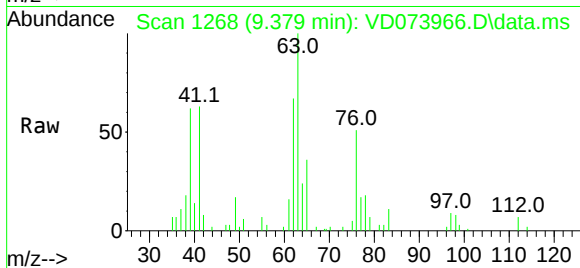
VSTDIC020

Tgt Ion: 63 Resp: 30376

Ion Ratio Lower Upper

63 100

65 35.8 26.8 40.2



#46

Dibromomethane

Concen: 20.074 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

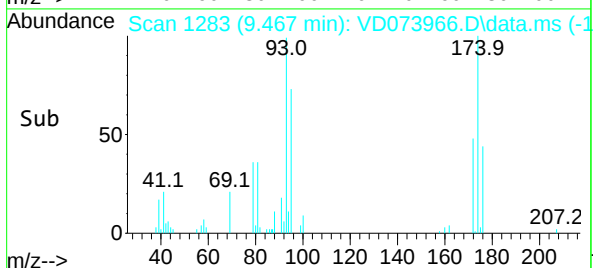
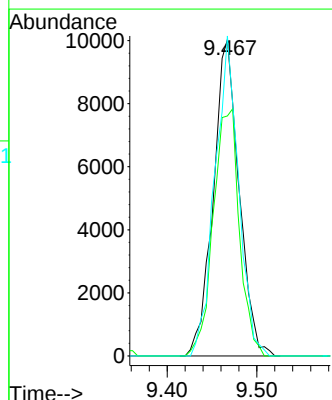
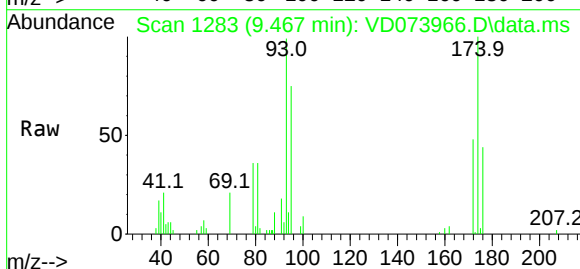
Tgt Ion: 93 Resp: 19994

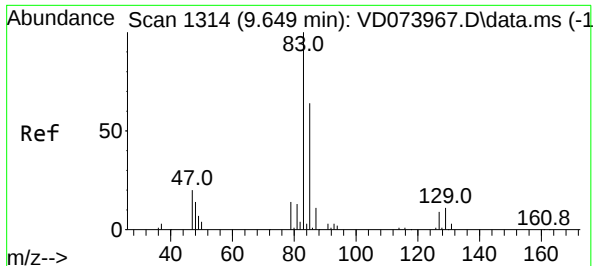
Ion Ratio Lower Upper

93 100

95 79.2 63.6 95.4

174 93.2 74.9 112.3





#47

Bromodichloromethane

Concen: 19.782 ug/l

RT: 9.649 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

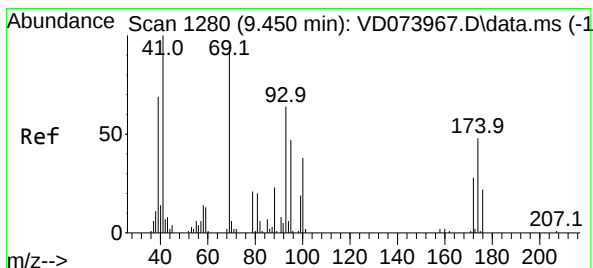
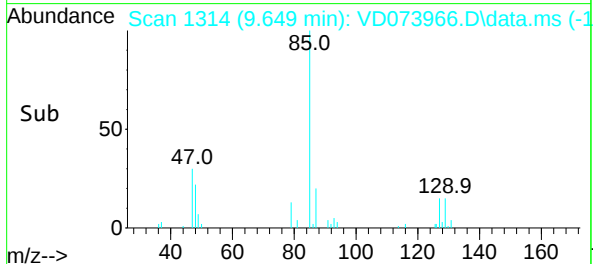
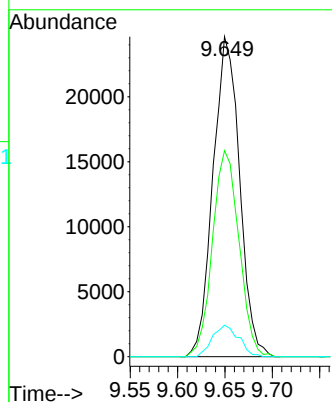
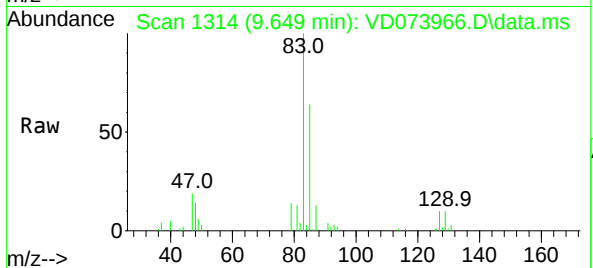
Tgt Ion: 83 Resp: 47990

Ion Ratio Lower Upper

83 100

85 64.4 51.5 77.3

127 9.9 7.4 11.0



#48

Methyl methacrylate

Concen: 19.963 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

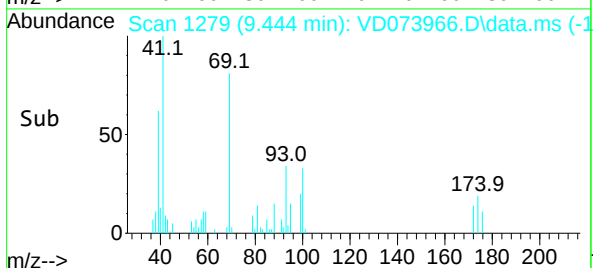
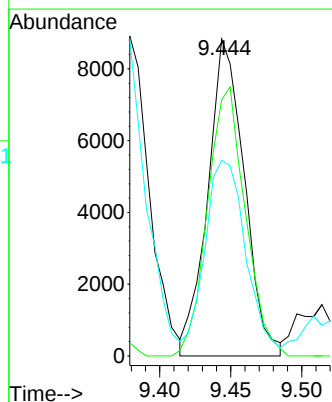
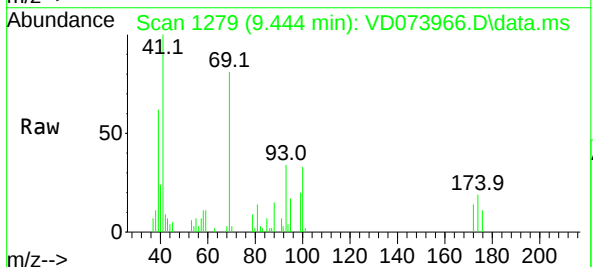
Tgt Ion: 41 Resp: 15755

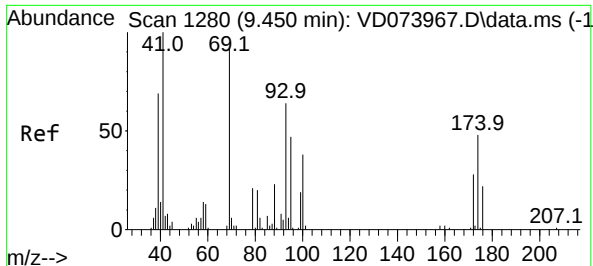
Ion Ratio Lower Upper

41 100

69 87.8 70.6 105.8

39 63.9 50.6 76.0





#49

1,4-Dioxane

Concen: 439.828 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073966.D

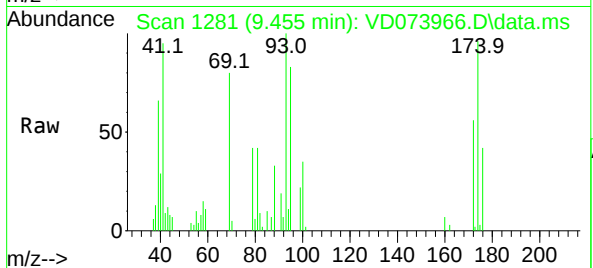
Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020



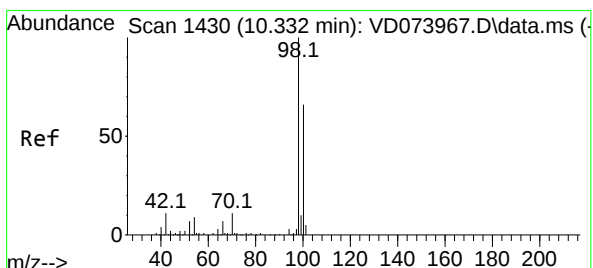
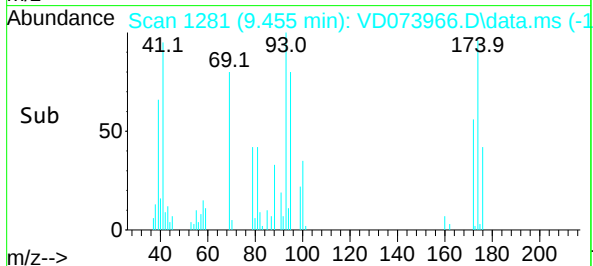
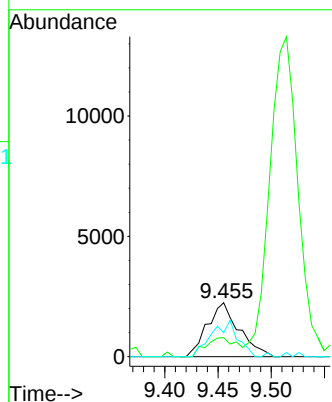
Tgt Ion: 88 Resp: 4651

Ion Ratio Lower Upper

88 100

43 34.2 24.4 36.6

58 55.3 58.0 87.0#



#50

Toluene-d8

Concen: 24.101 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073966.D

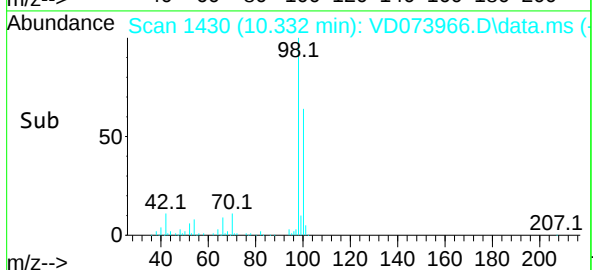
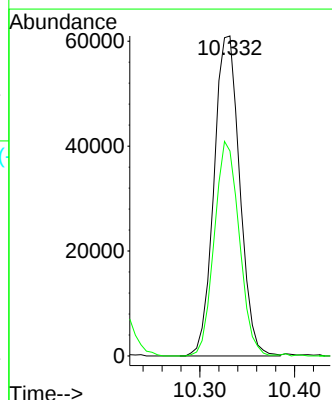
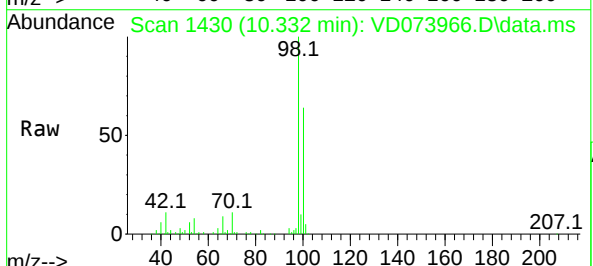
Acq: 05 Aug 2022 15:25

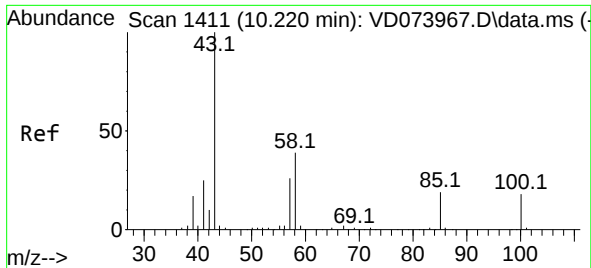
Tgt Ion: 98 Resp: 115277

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

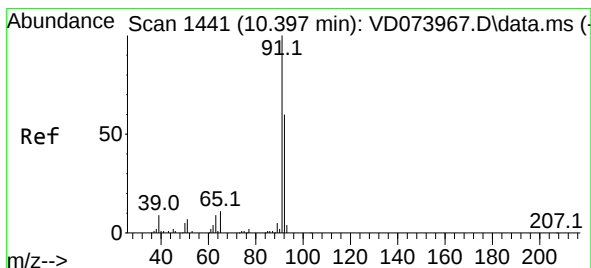
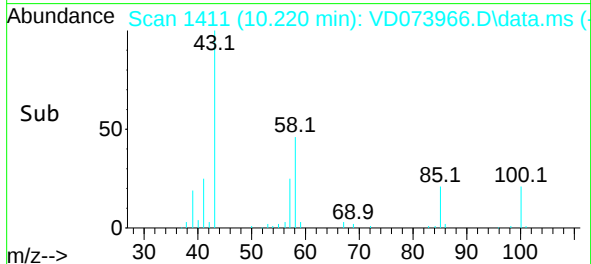
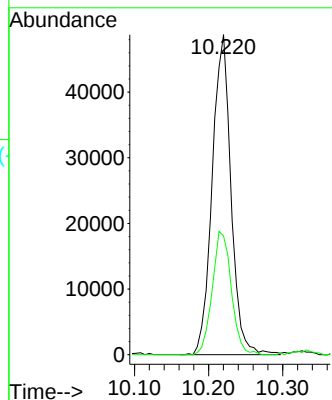
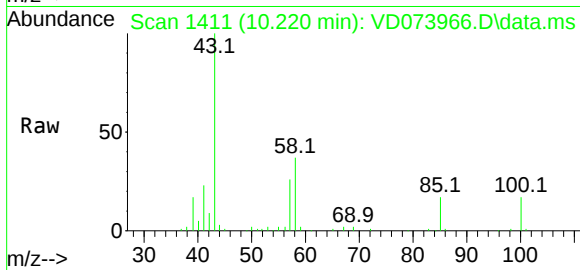




#51
4-Methyl-2-Pentanone
Concen: 100.053 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

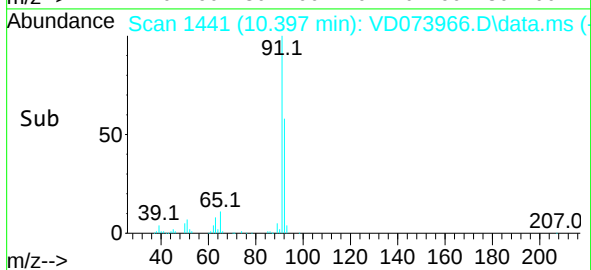
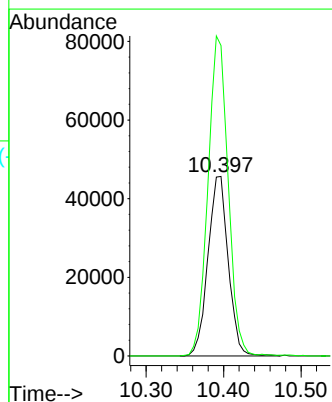
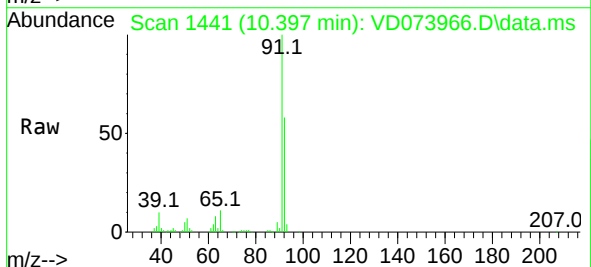
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

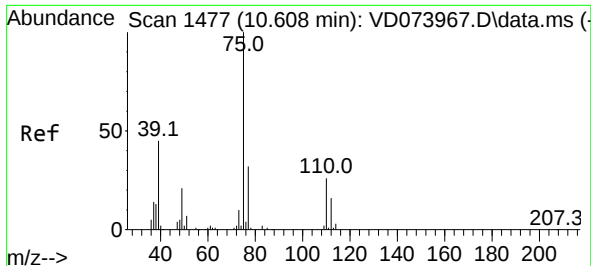
Tgt Ion: 43 Resp: 85912
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4



#52
Toluene
Concen: 19.447 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 92 Resp: 82959
Ion Ratio Lower Upper
92 100
91 177.0 135.6 203.4

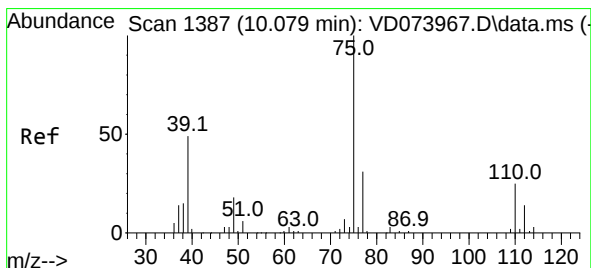
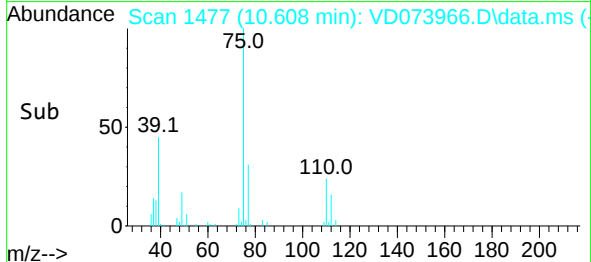
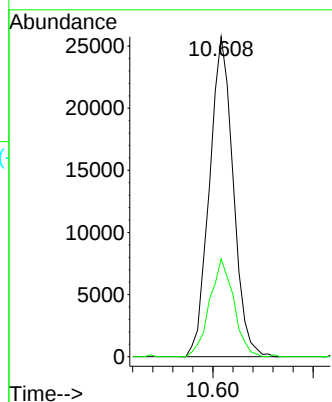
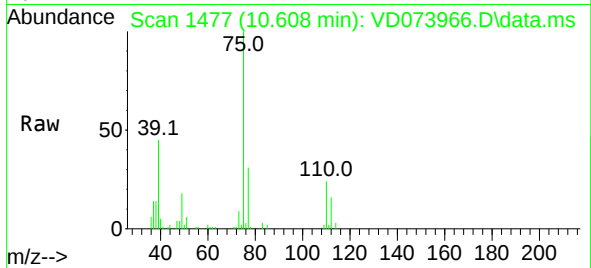




#53
t-1,3-Dichloropropene
Concen: 19.400 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

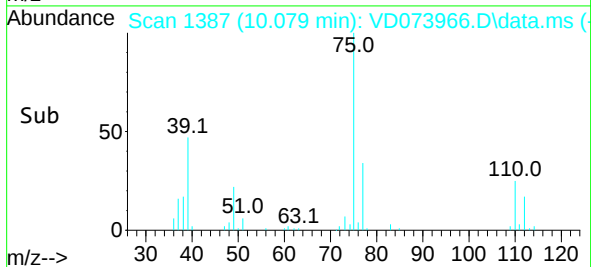
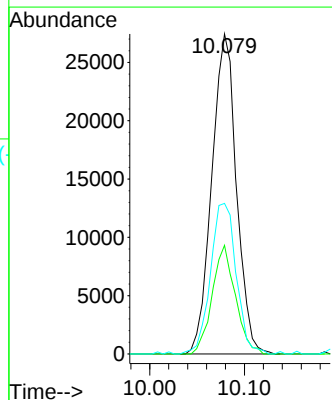
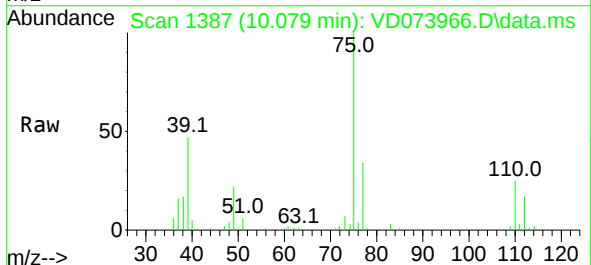
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

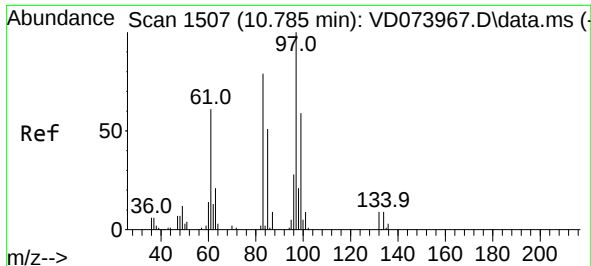
Tgt Ion: 75 Resp: 42358
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.946 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 75 Resp: 49667
Ion Ratio Lower Upper
75 100
77 34.0 25.0 37.4
39 47.1 39.4 59.2

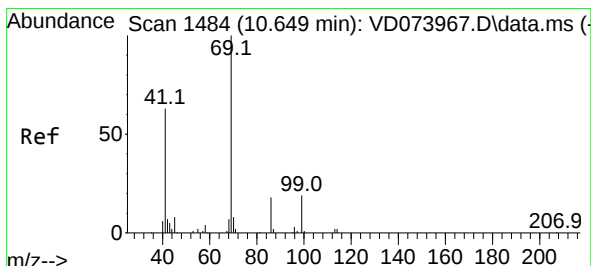
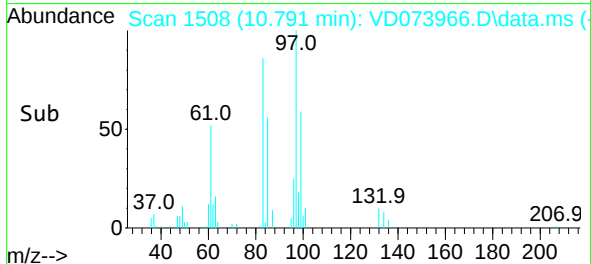
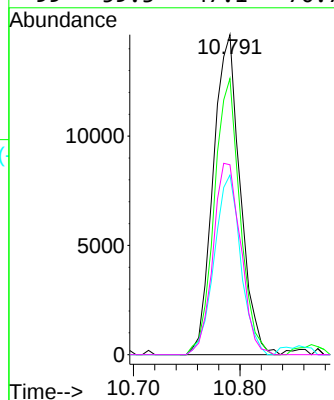
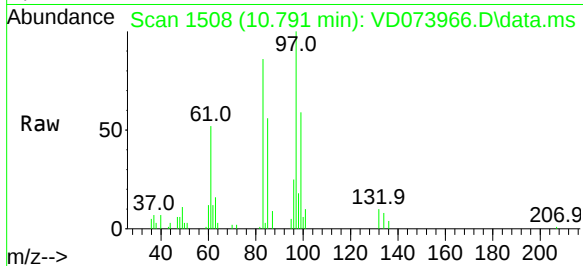




#55
1,1,2-Trichloroethane
Concen: 20.386 ug/l
RT: 10.791 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

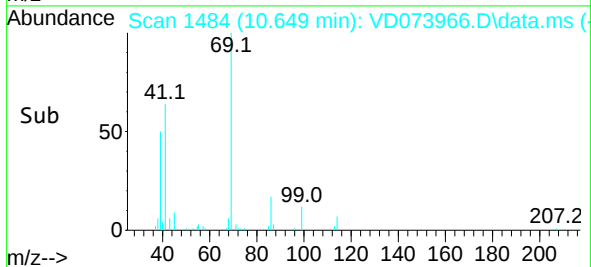
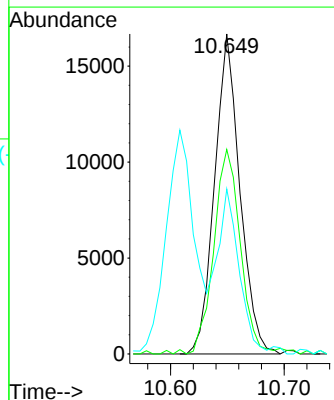
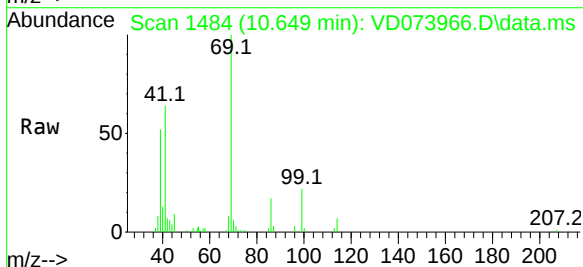
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

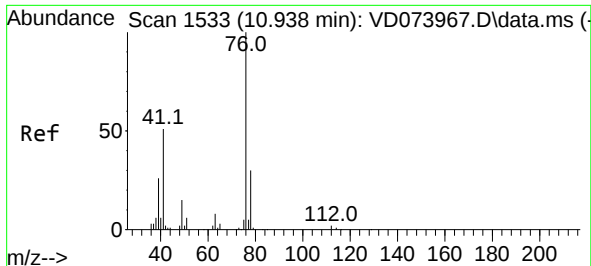
Tgt Ion: 97	Resp: 25723
Ion Ratio	Lower Upper
97 100	
83 86.3	63.0 94.6
85 56.1	40.7 61.1
99 59.3	47.1 70.7



#56
Ethyl methacrylate
Concen: 18.822 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 69	Resp: 25797
Ion Ratio	Lower Upper
69 100	
41 67.0	51.2 76.8
39 46.2	32.8 49.2





#57

1,3-Dichloropropane

Concen: 19.710 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

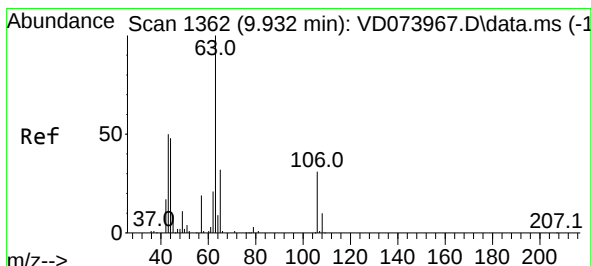
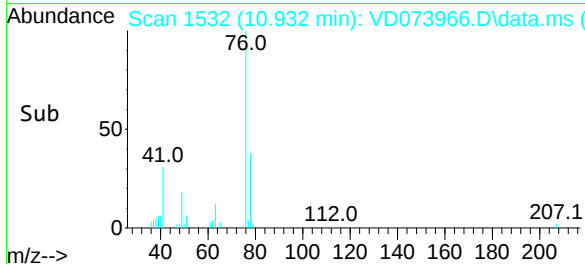
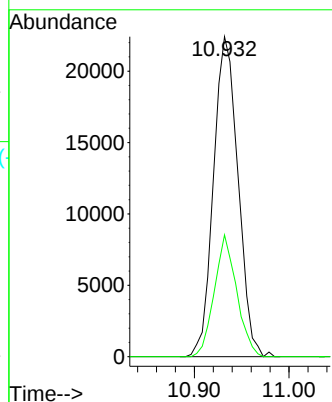
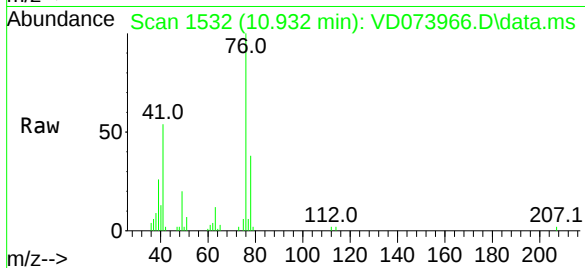
VSTDIC020

Tgt Ion: 76 Resp: 40363

Ion Ratio Lower Upper

76 100

78 34.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 86.320 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073966.D

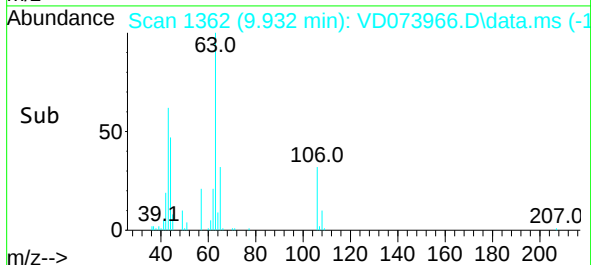
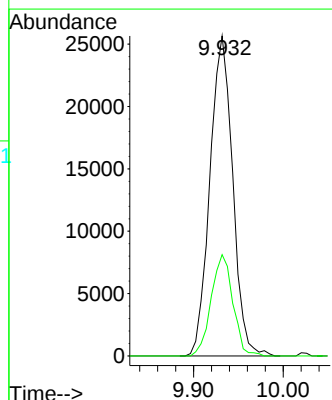
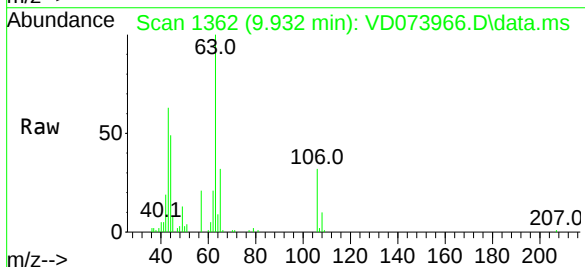
Acq: 05 Aug 2022 15:25

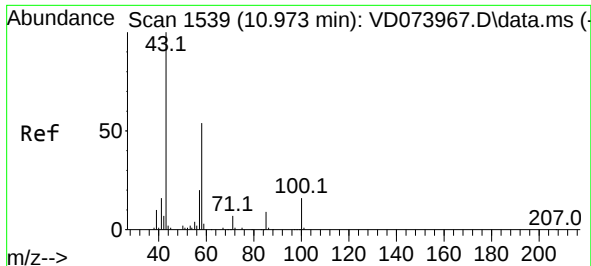
Tgt Ion: 63 Resp: 45249

Ion Ratio Lower Upper

63 100

106 30.1 25.2 37.8

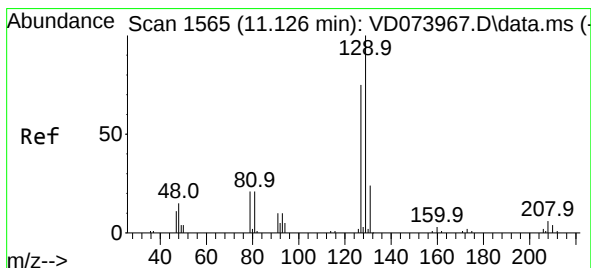
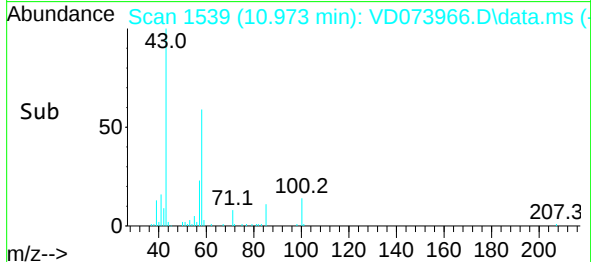
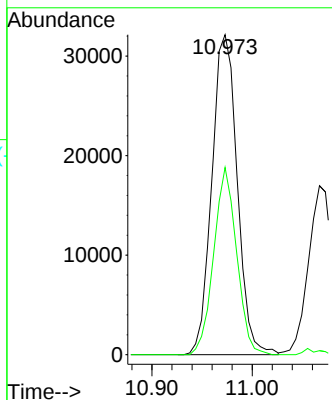
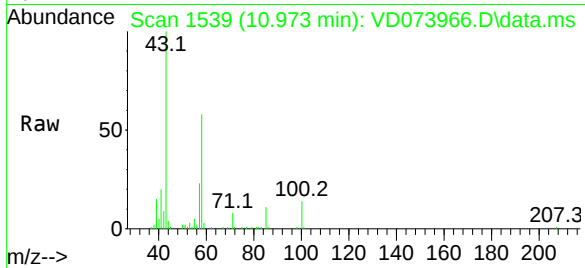




#59
2-Hexanone
Concen: 99.385 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

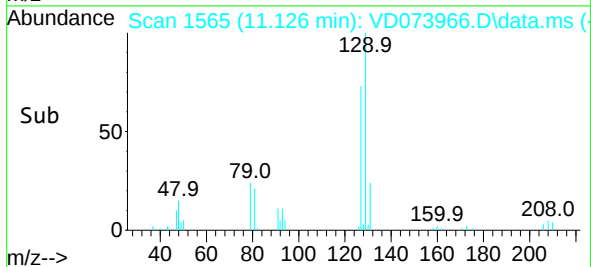
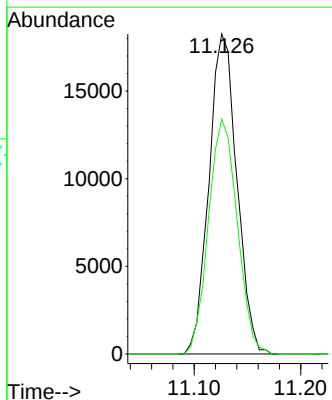
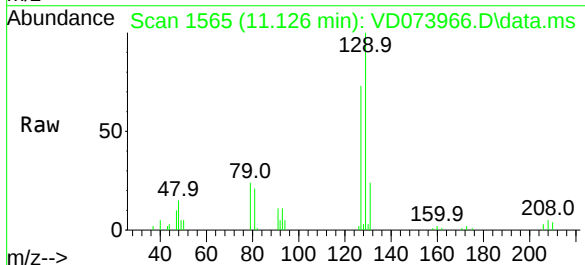
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

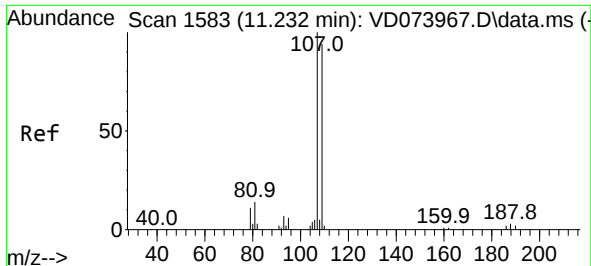
Tgt Ion: 43 Resp: 56525
Ion Ratio Lower Upper
43 100
58 52.7 27.4 82.0



#60
Dibromochloromethane
Concen: 19.640 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 129 Resp: 33203
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.6

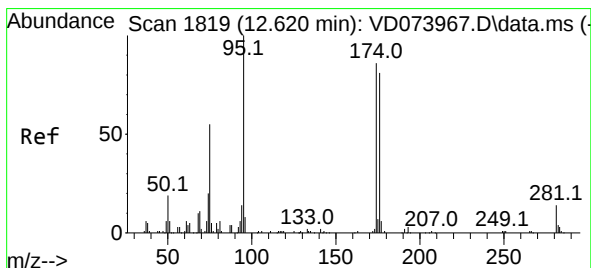
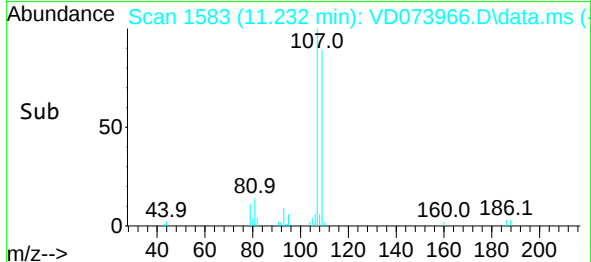
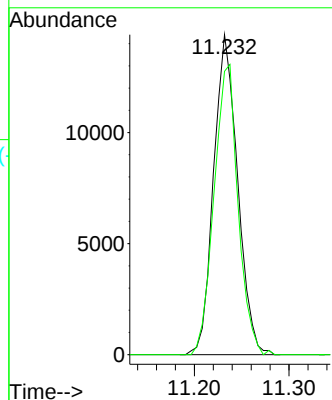
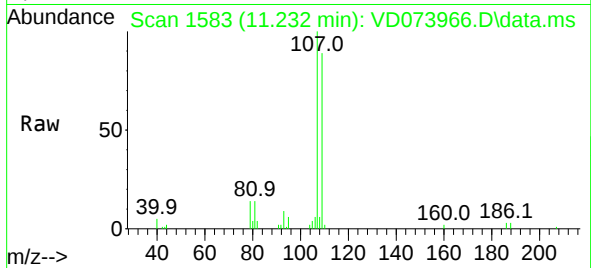




#61
1,2-Dibromoethane
Concen: 20.114 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

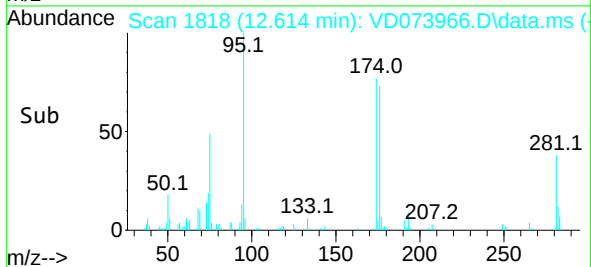
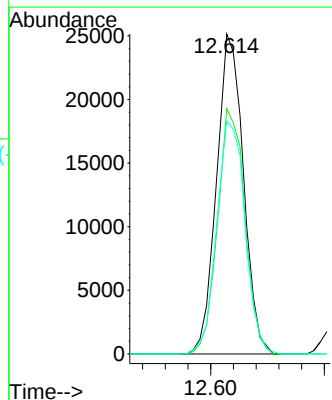
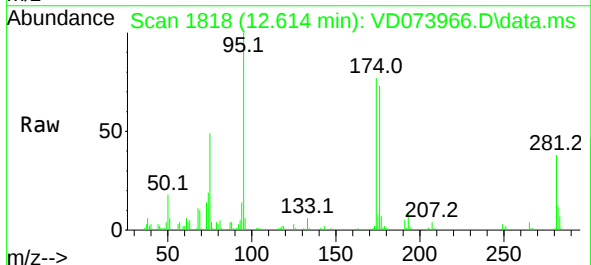
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

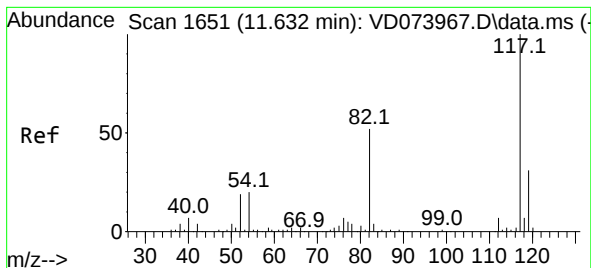
Tgt Ion:107 Resp: 25380
Ion Ratio Lower Upper
107 100
109 90.8 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 20.570 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 95 Resp: 41240
Ion Ratio Lower Upper
95 100
174 77.7 0.0 163.0
176 76.7 0.0 154.8

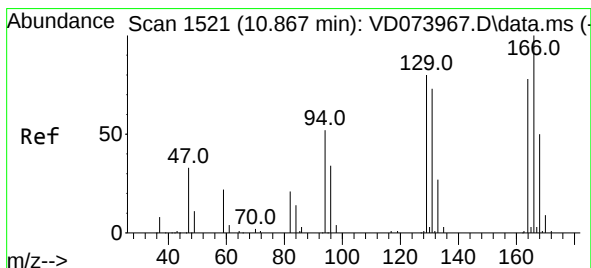
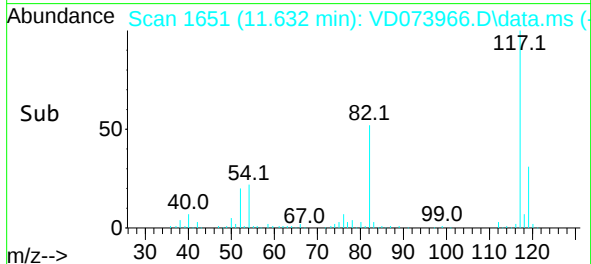
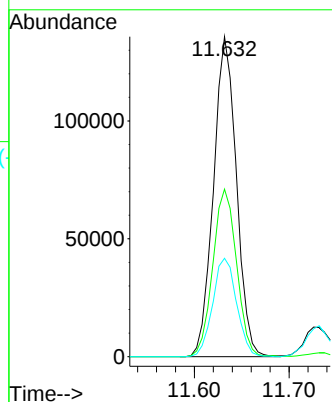
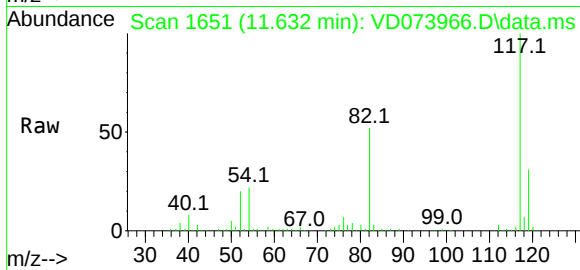




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

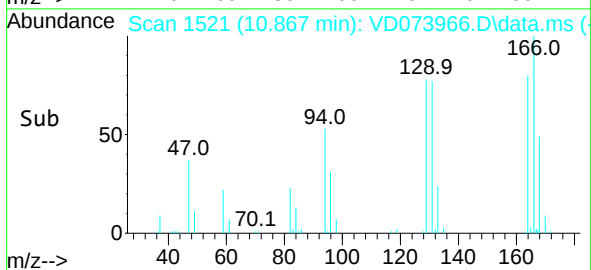
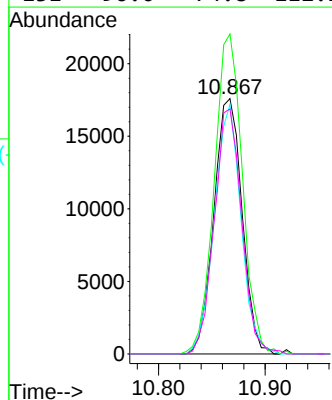
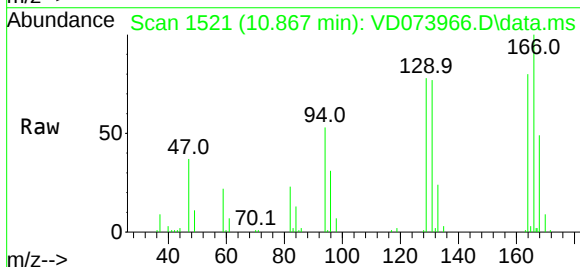
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

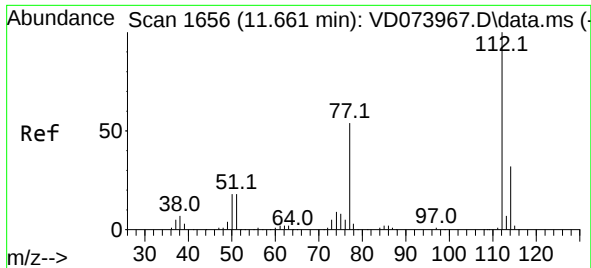
Tgt Ion:117 Resp: 228097
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 30.7 24.8 37.2



#64
Tetrachloroethene
Concen: 20.203 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:164 Resp: 32328
Ion Ratio Lower Upper
164 100
166 125.3 102.7 154.1
129 97.7 82.0 123.0
131 96.0 74.8 112.2

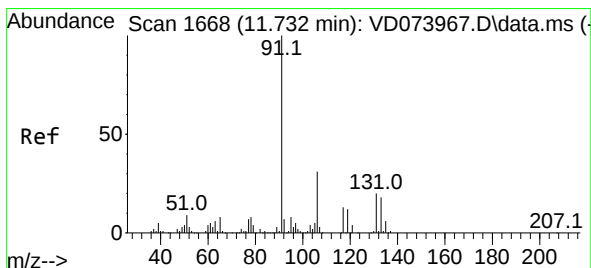
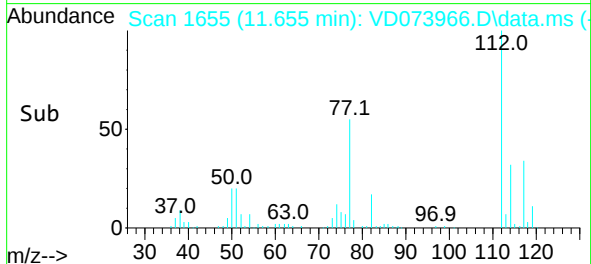
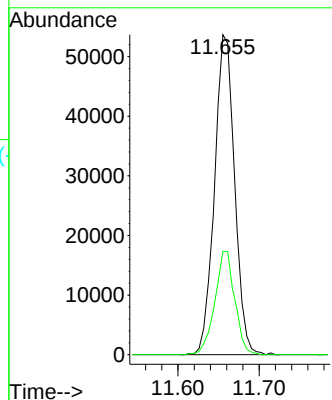
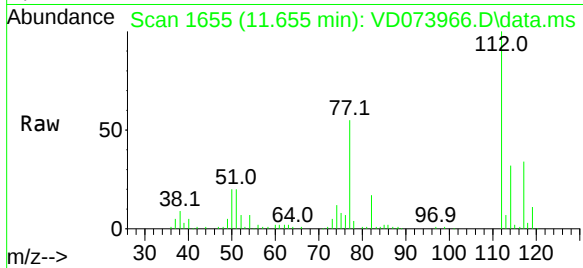




#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 11.655 min Scan# 11655
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

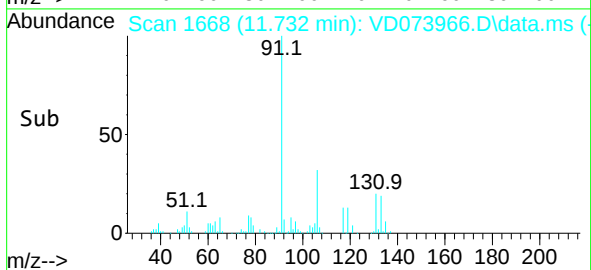
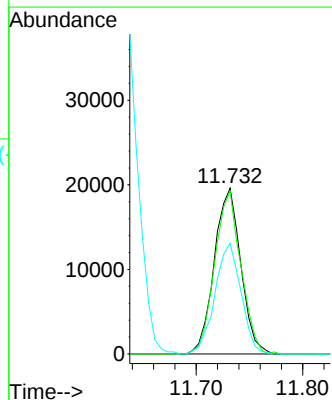
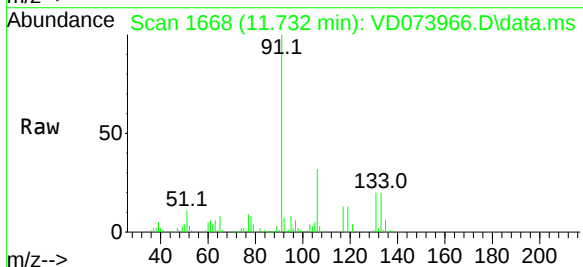
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

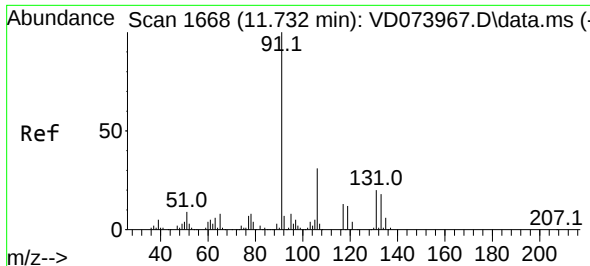
Tgt Ion:112 Resp: 92504
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.221 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:131 Resp: 33869
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.4
119 65.7 31.1 93.2

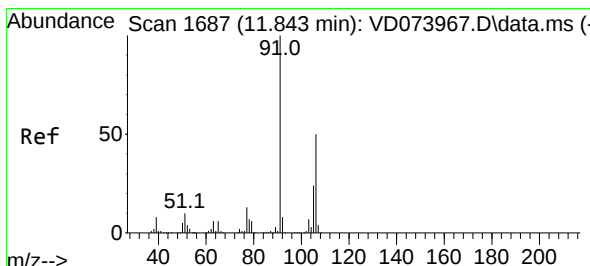
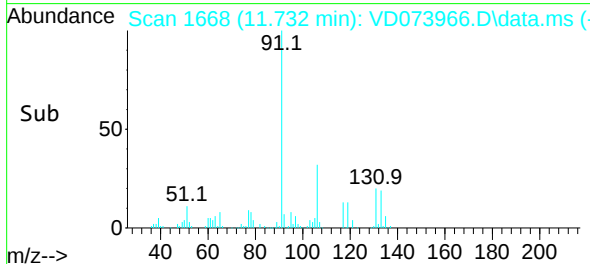
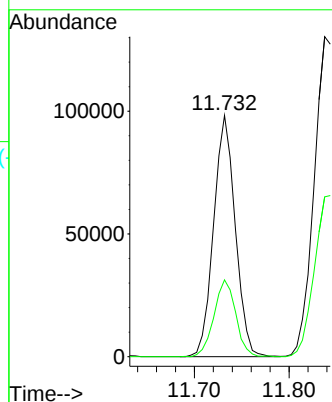
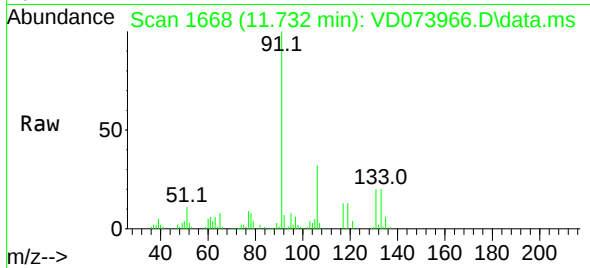




#67
Ethyl Benzene
Concen: 19.488 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

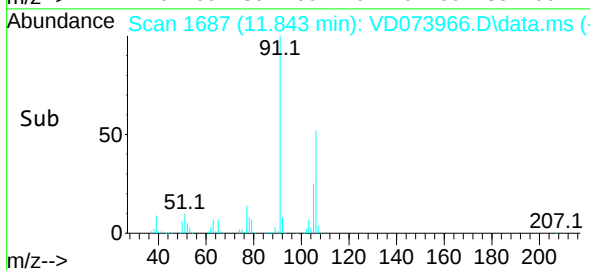
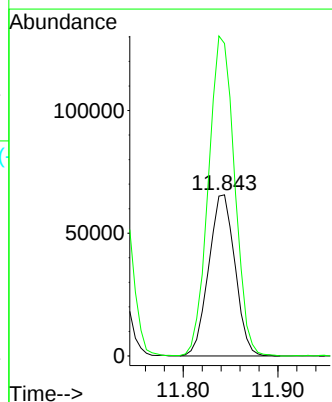
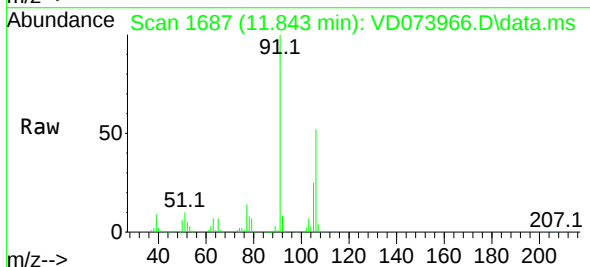
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

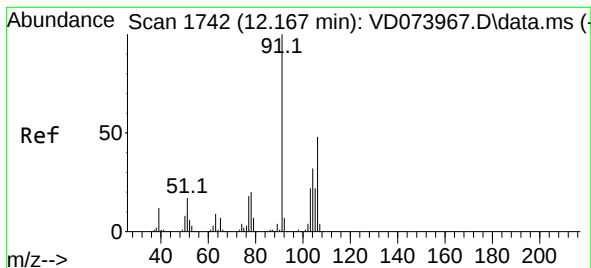
Tgt Ion: 91 Resp: 155861
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4



#68
m/p-Xylenes
Concen: 39.141 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 106 Resp: 126886
Ion Ratio Lower Upper
106 100
91 197.7 159.7 239.5





#69

o-Xylene

Concen: 19.616 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

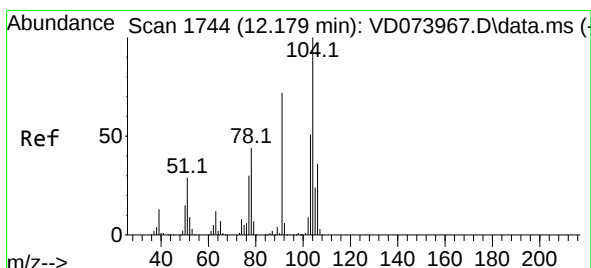
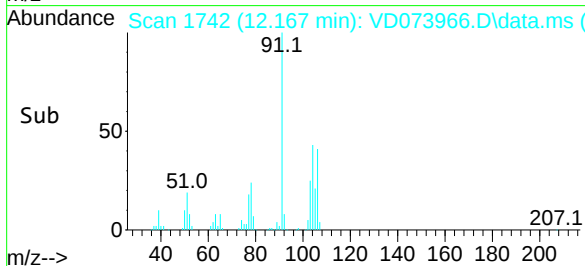
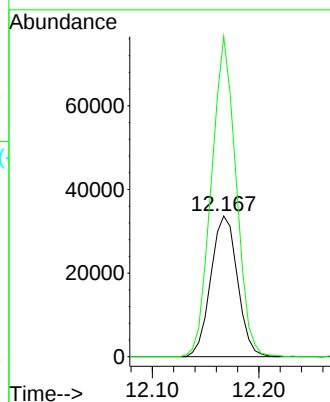
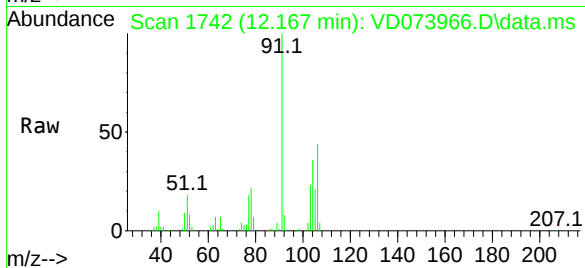
VSTDIC020

Tgt Ion:106 Resp: 58399

Ion Ratio Lower Upper

106 100

91 211.1 103.5 310.3



#70

Styrene

Concen: 19.816 ug/l

RT: 12.179 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

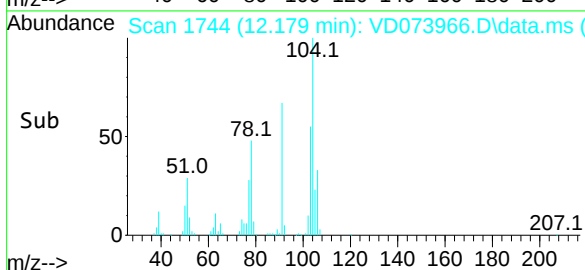
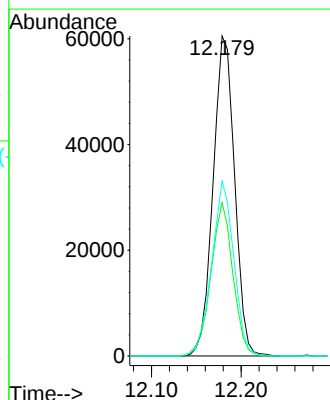
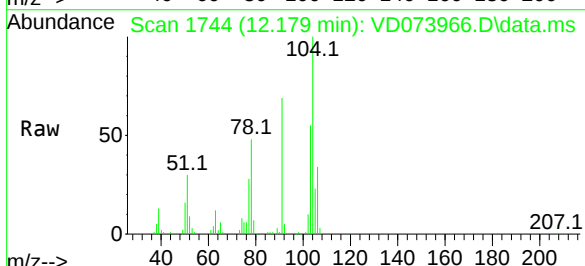
Tgt Ion:104 Resp: 100794

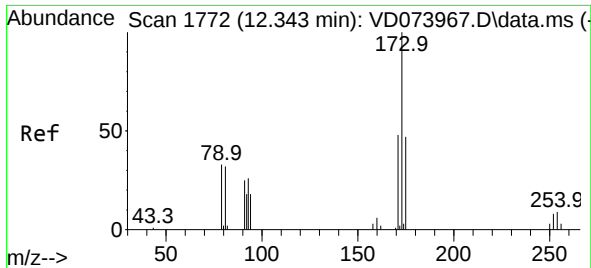
Ion Ratio Lower Upper

104 100

78 48.8 38.4 57.6

103 56.3 43.6 65.4

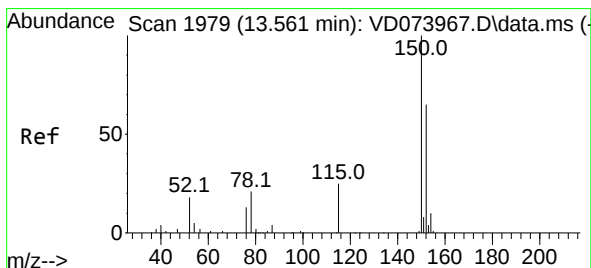
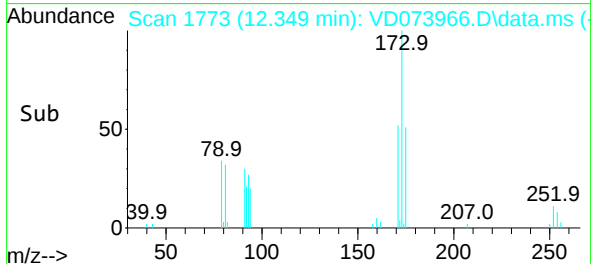
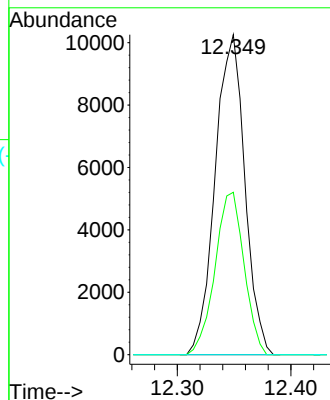
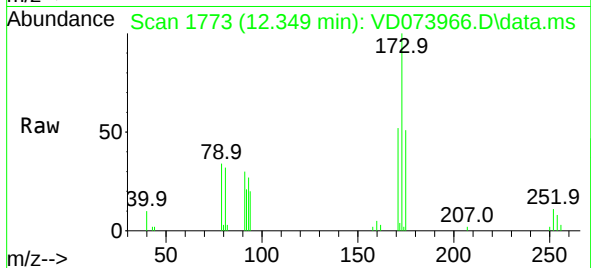




#71
Bromoform
Concen: 18.441 ug/l
RT: 12.349 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

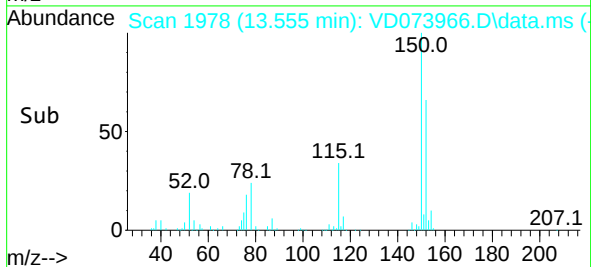
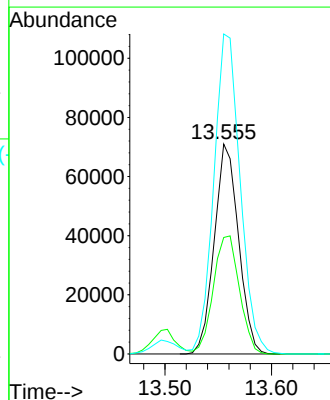
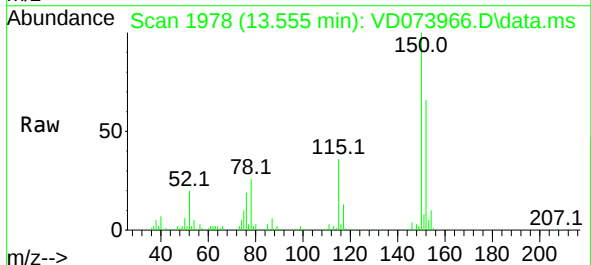
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

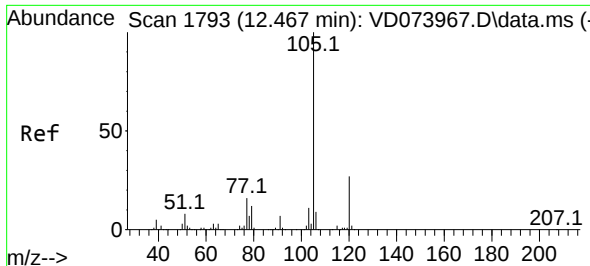
Tgt Ion:173 Resp: 18569
Ion Ratio Lower Upper
173 100
175 49.7 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:152 Resp: 112088
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.3
150 166.0 0.0 357.2

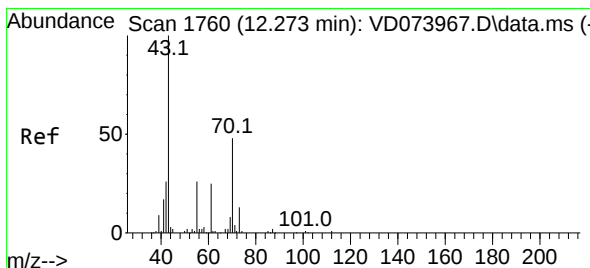
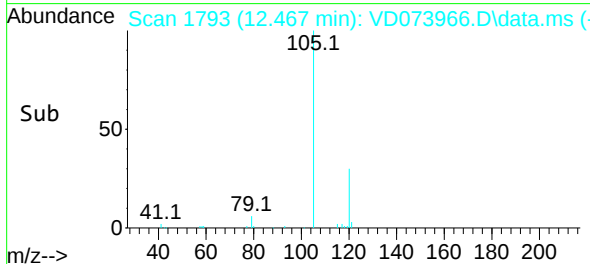
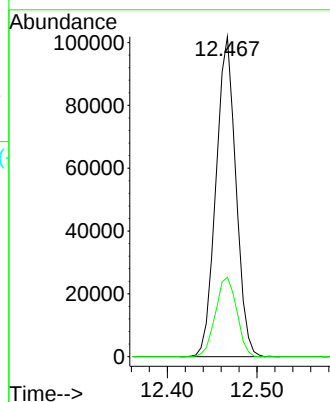
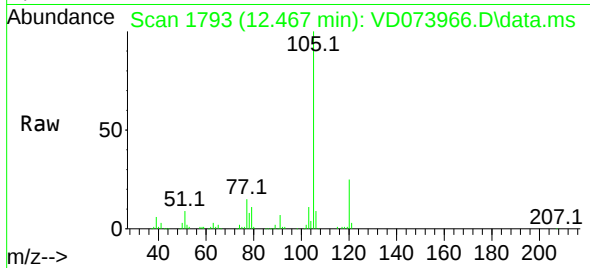




#73
Isopropylbenzene
Concen: 20.471 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

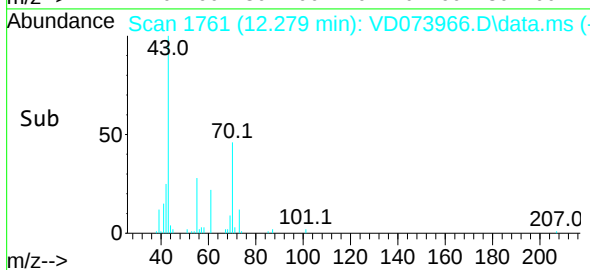
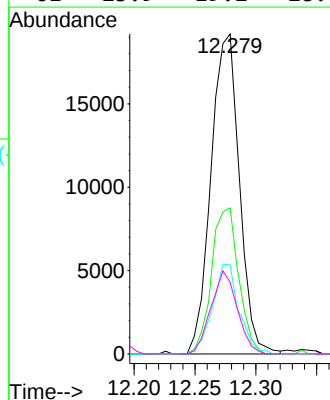
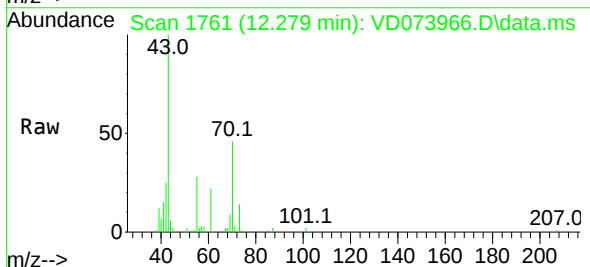
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

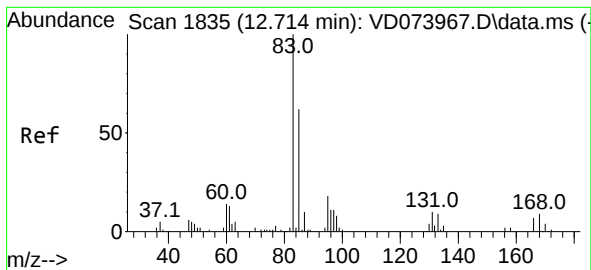
Tgt Ion:105 Resp: 156978
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 20.481 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 43 Resp: 31157
Ion Ratio Lower Upper
43 100
70 43.4 36.6 54.8
55 26.2 19.8 29.8
61 23.9 19.2 28.8

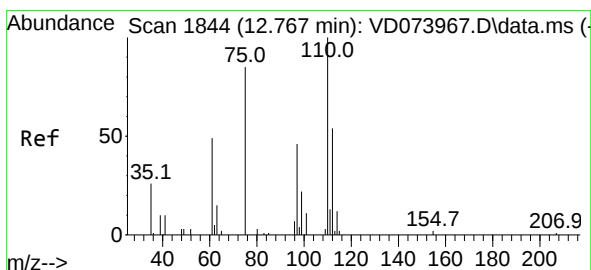
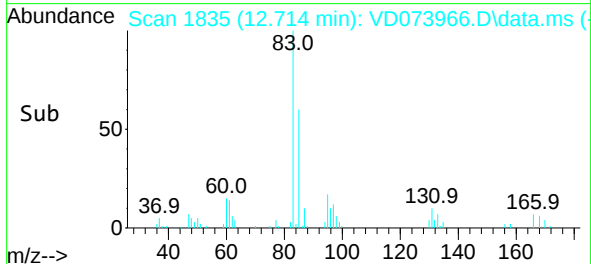
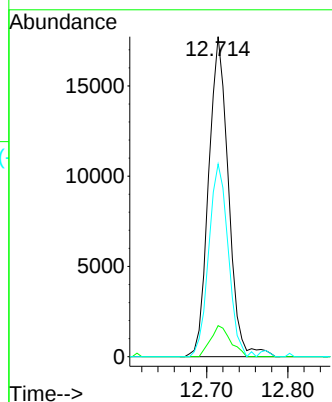
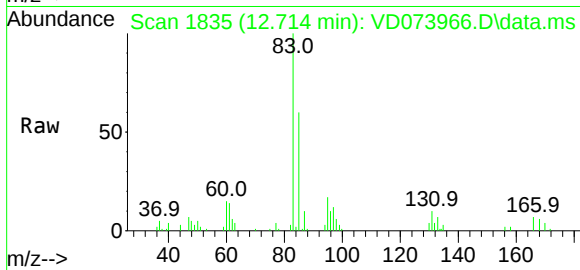




#75
1,1,2,2-Tetrachloroethane
Concen: 21.554 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

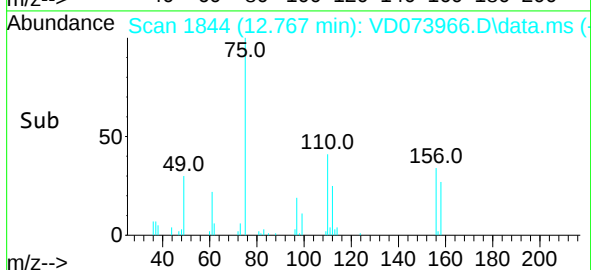
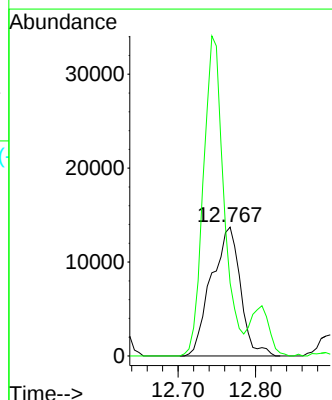
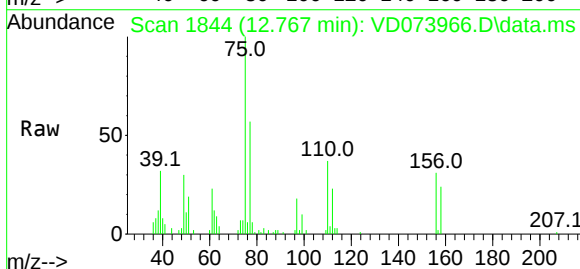
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

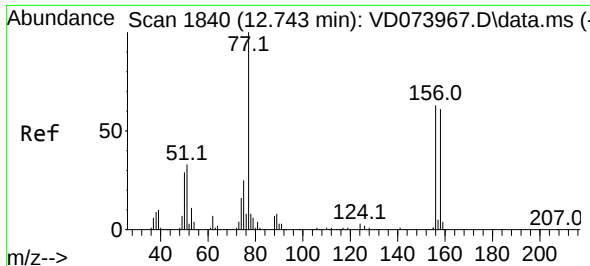
Tgt Ion: 83 Resp: 29967
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 59.2 31.3 93.8



#76
1,2,3-Trichloropropane
Concen: 37.061 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 75 Resp: 35747
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

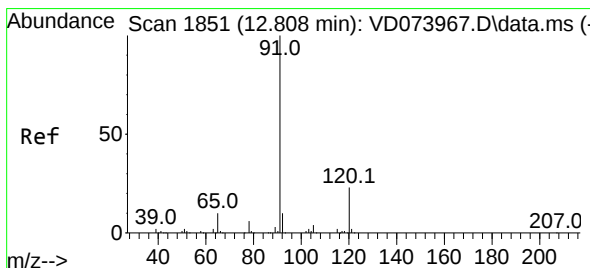
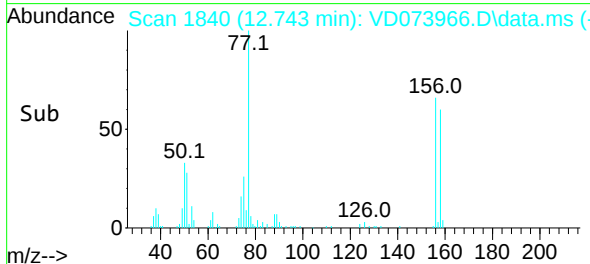
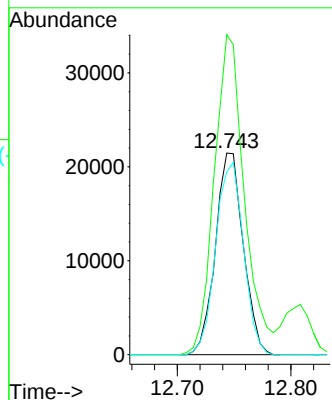
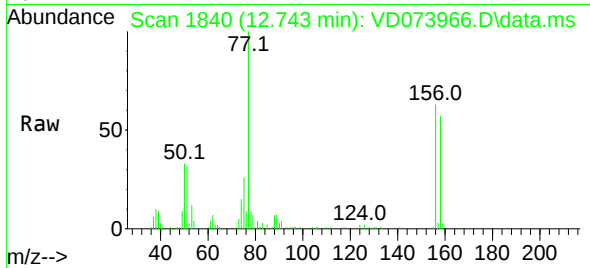




#77
Bromobenzene
Concen: 20.323 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

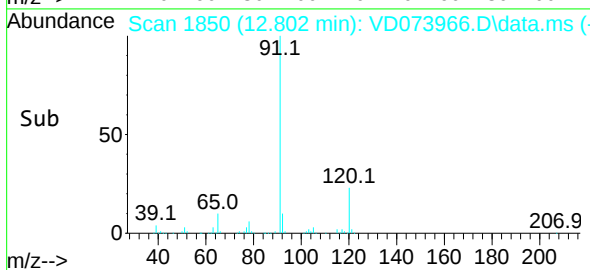
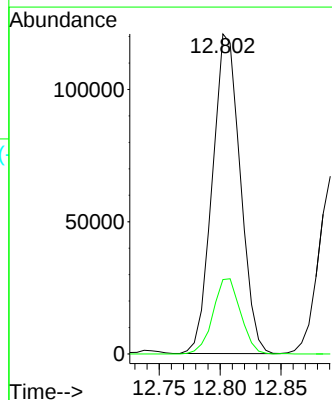
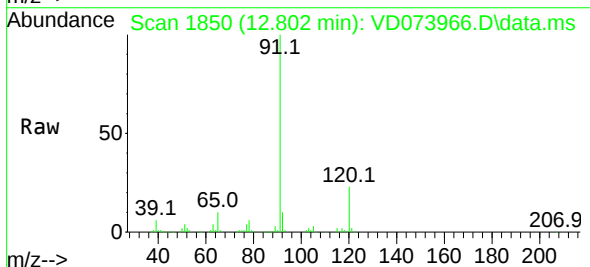
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

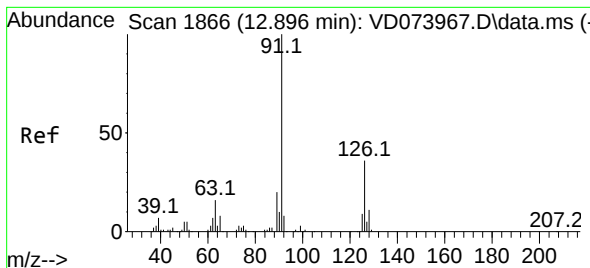
Tgt Ion:156 Resp: 36710
Ion Ratio Lower Upper
156 100
77 171.2 84.3 252.9
158 95.2 47.8 143.4



#78
n-propylbenzene
Concen: 20.416 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 91 Resp: 192674
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 20.632 ug/l

RT: 12.890 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

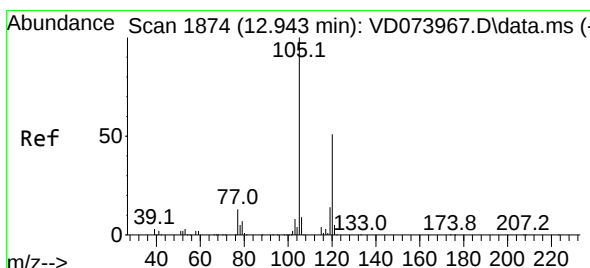
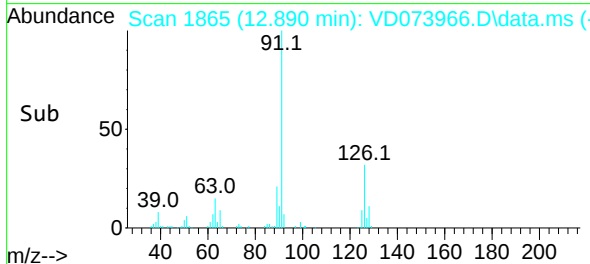
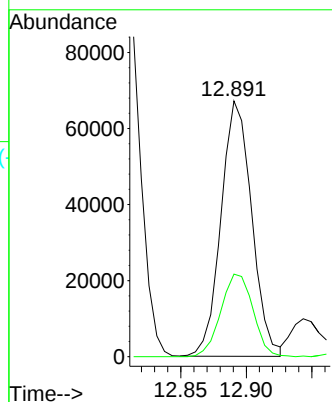
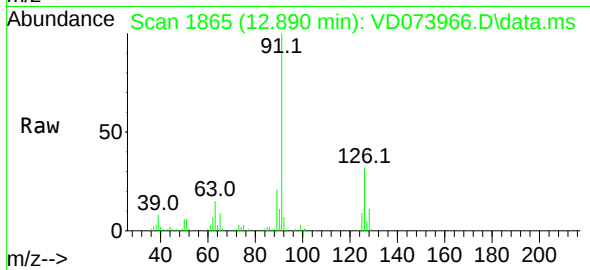
VSTDIC020

Tgt Ion: 91 Resp: 109529

Ion Ratio Lower Upper

91 100

126 33.8 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 20.207 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073966.D

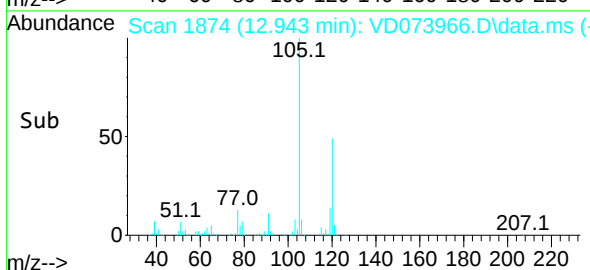
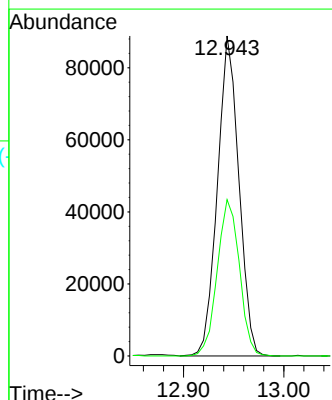
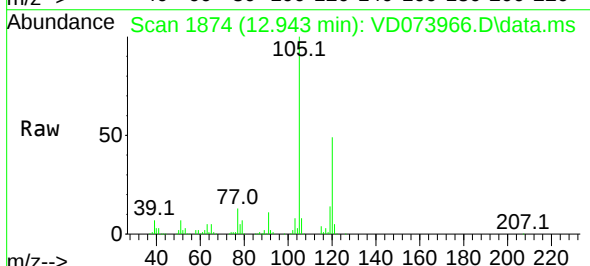
Acq: 05 Aug 2022 15:25

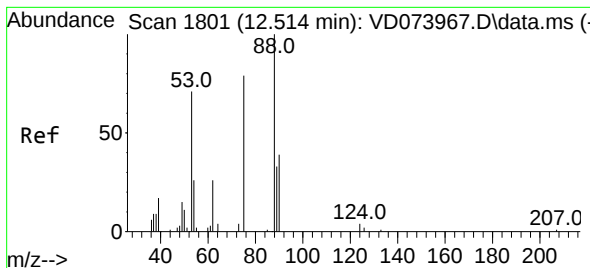
Tgt Ion:105 Resp: 131770

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6

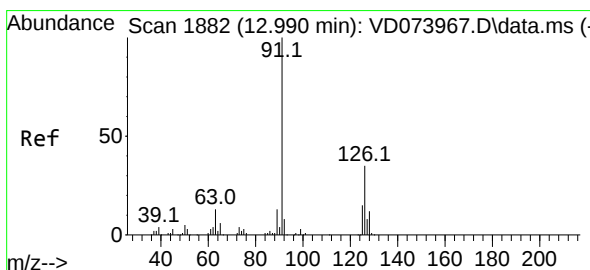
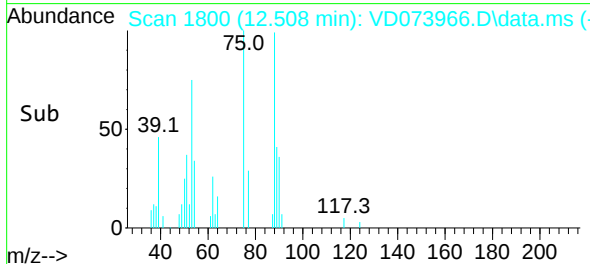
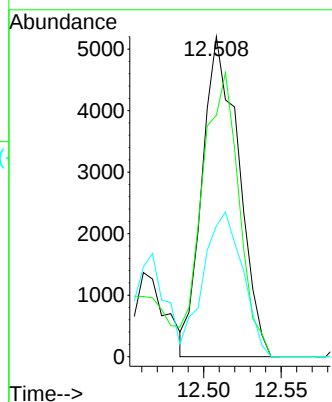
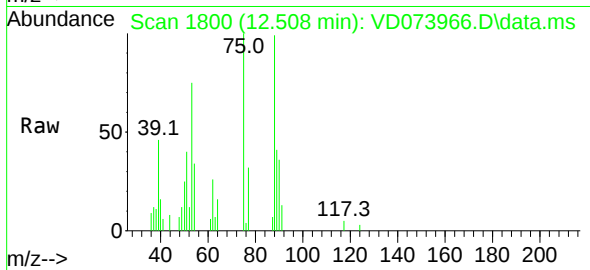




#81
trans-1,4-Dichloro-2-butene
Concen: 20.624 ug/l
RT: 12.508 min Scan# 1800
Delta R.T. -0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

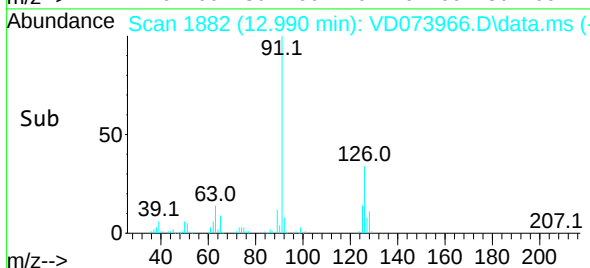
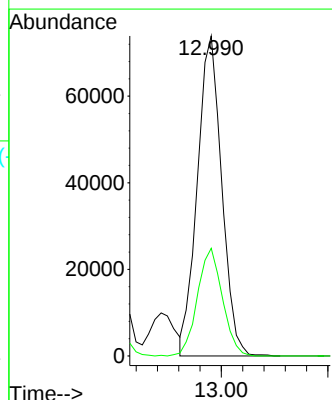
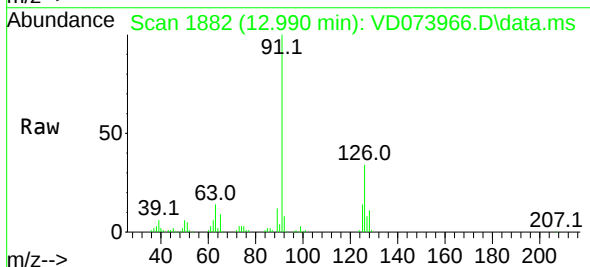
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

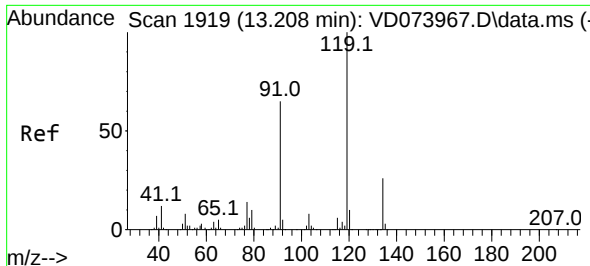
Tgt Ion: 75 Resp: 8485
Ion Ratio Lower Upper
75 100
53 88.8 75.8 113.6
89 48.9 37.8 56.8



#82
4-Chlorotoluene
Concen: 20.764 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 91 Resp: 117443
Ion Ratio Lower Upper
91 100
126 34.5 17.4 52.3

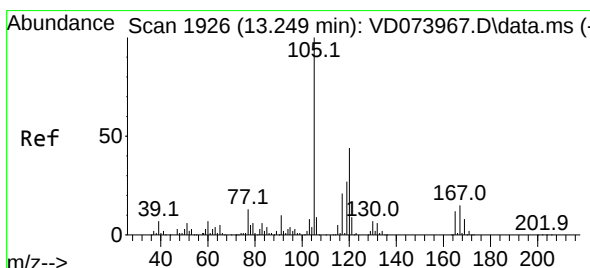
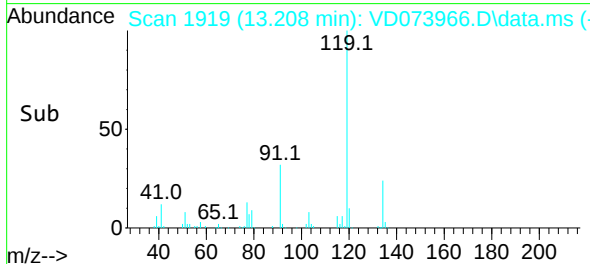
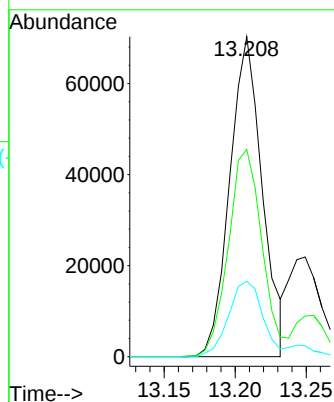
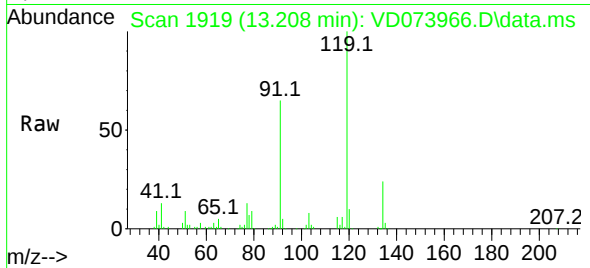




#83
tert-Butylbenzene
Concen: 19.983 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

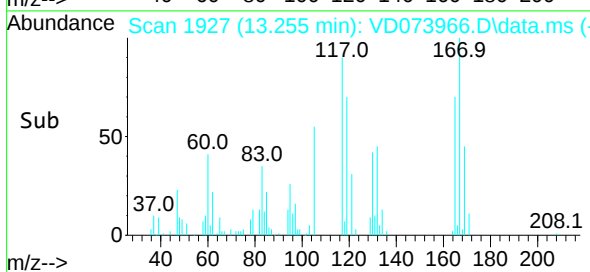
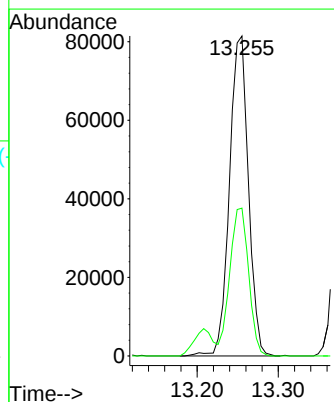
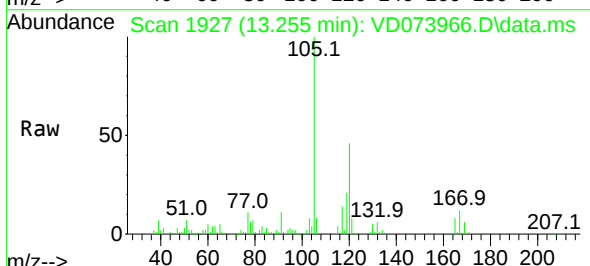
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

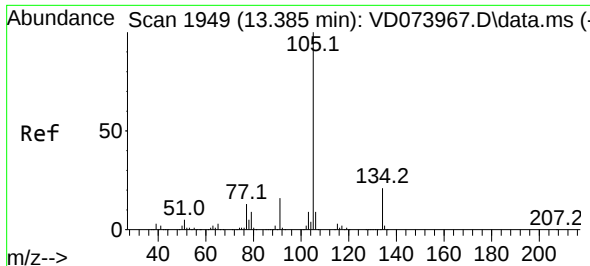
Tgt Ion:119 Resp: 111794
Ion Ratio Lower Upper
119 100
91 67.9 32.9 98.7
134 25.3 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 20.184 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:105 Resp: 131722
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0

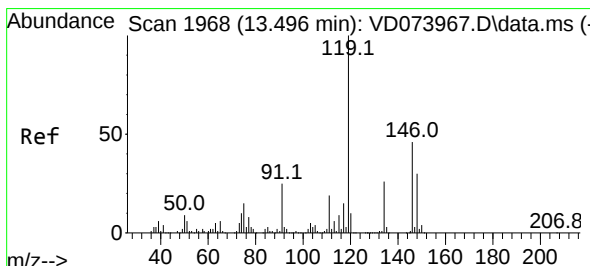
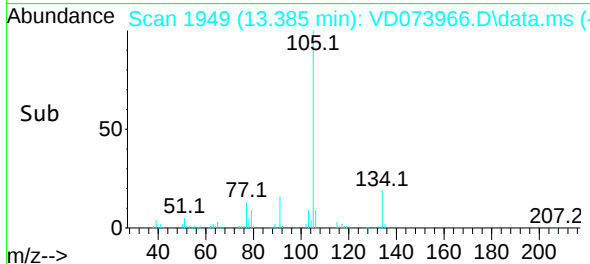
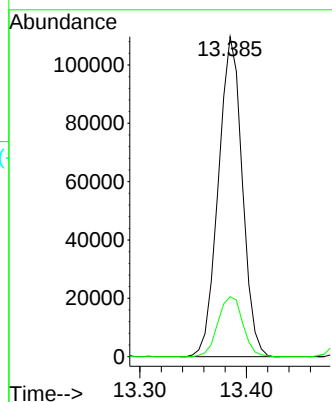
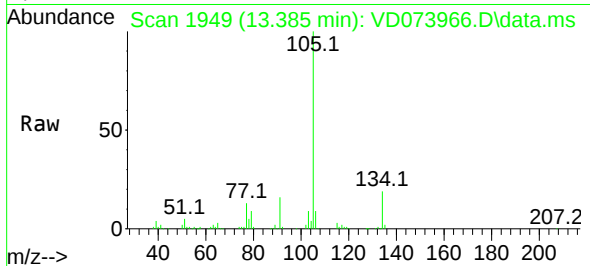




#85
 sec-Butylbenzene
 Concen: 19.945 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VD073966.D
 Acq: 05 Aug 2022 15:25

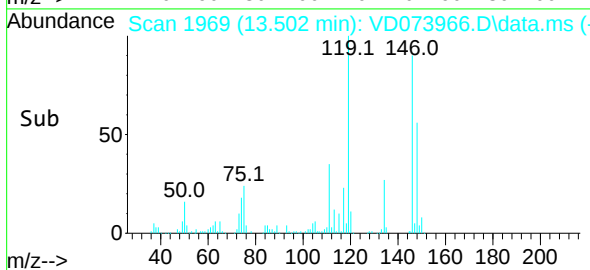
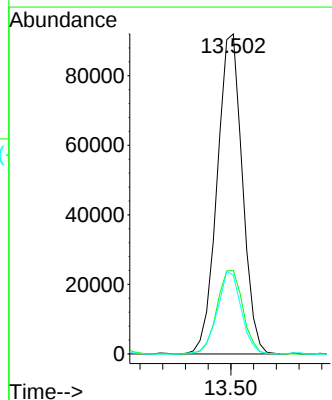
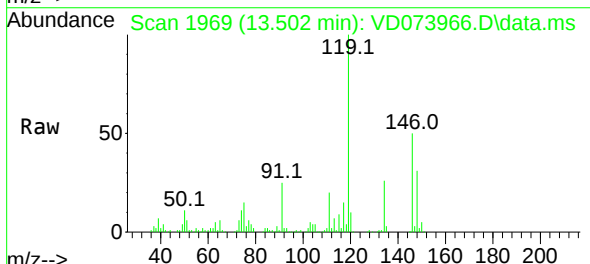
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

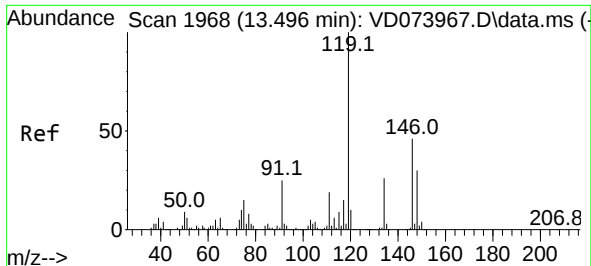
Tgt Ion:105 Resp: 170629
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.567 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD073966.D
 Acq: 05 Aug 2022 15:25

Tgt Ion:119 Resp: 141962
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.3
 91 24.5 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.045 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

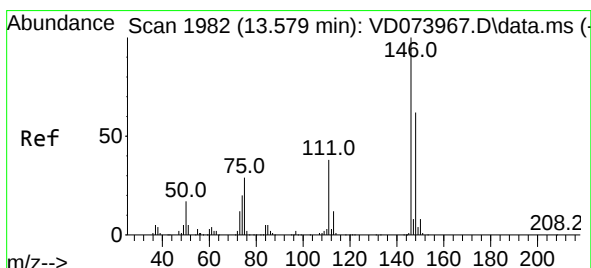
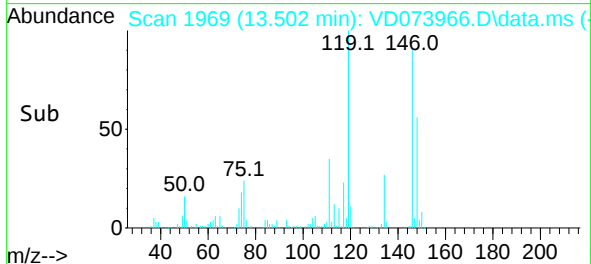
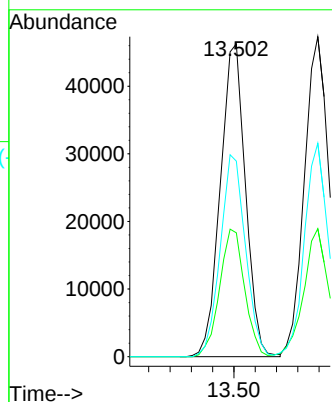
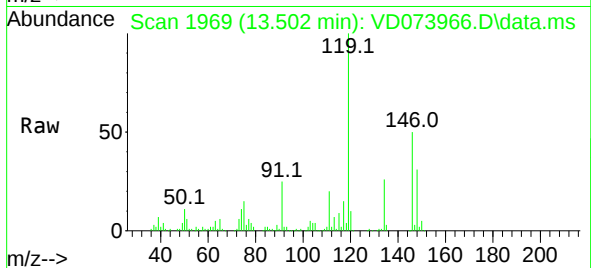
Tgt Ion:146 Resp: 75804

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.5

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.969 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

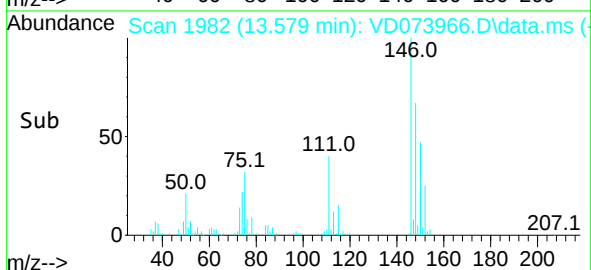
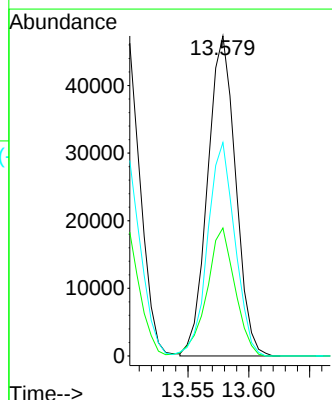
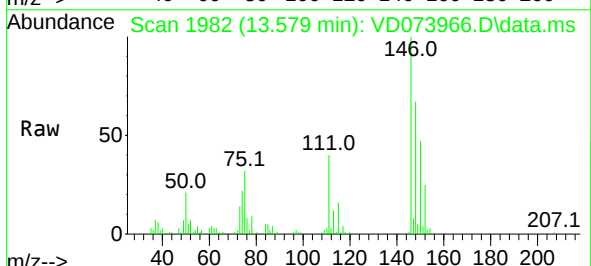
Tgt Ion:146 Resp: 75831

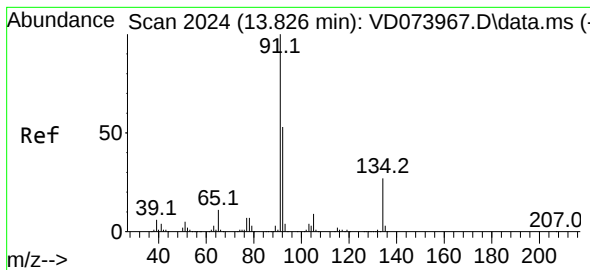
Ion Ratio Lower Upper

146 100

111 40.1 18.9 56.7

148 64.9 31.4 94.3





#89

n-Butylbenzene

Concen: 19.890 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

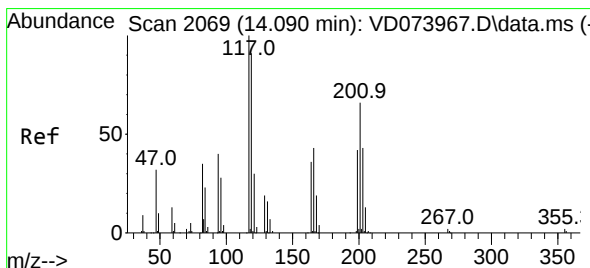
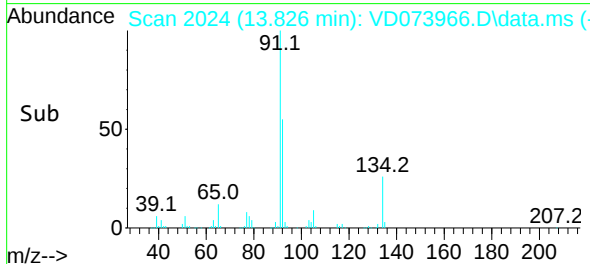
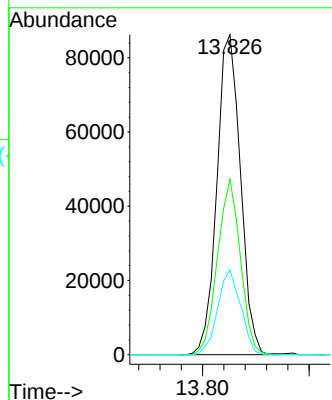
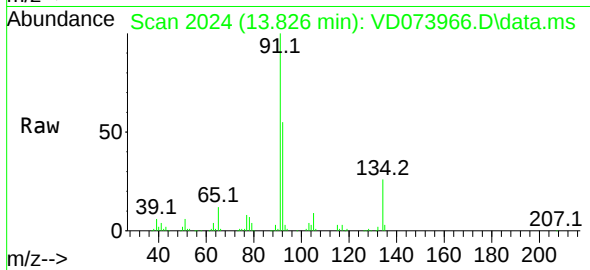
Tgt Ion: 91 Resp: 132484

Ion Ratio Lower Upper

91 100

92 53.1 26.3 78.8

134 25.8 13.3 39.8



#90

Hexachloroethane

Concen: 20.020 ug/l

RT: 14.090 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VD073966.D

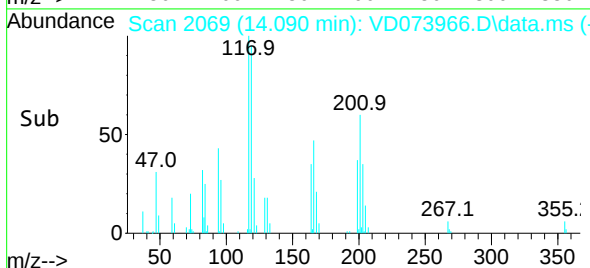
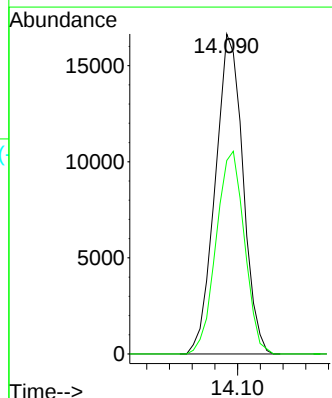
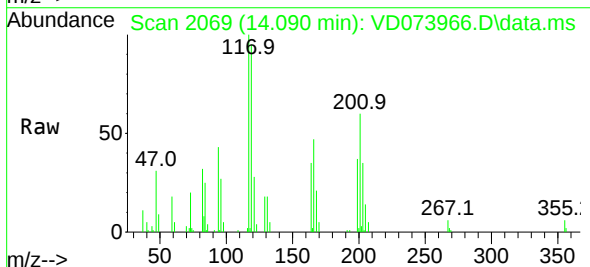
Acq: 05 Aug 2022 15:25

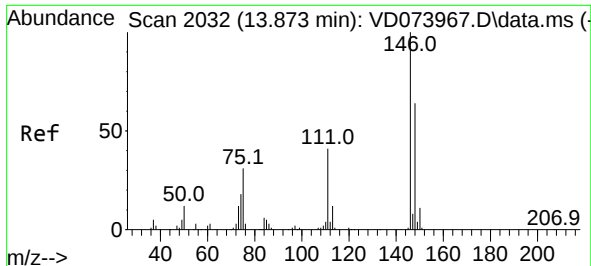
Tgt Ion: 117 Resp: 28198

Ion Ratio Lower Upper

117 100

201 64.7 34.1 102.3

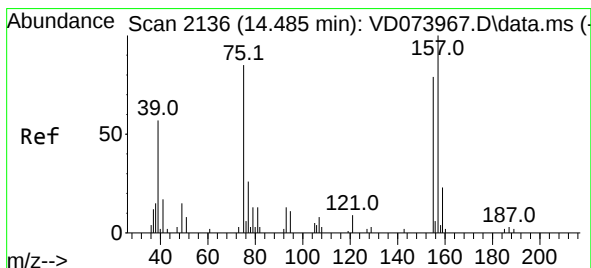
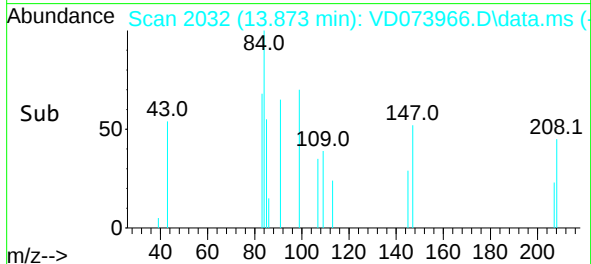
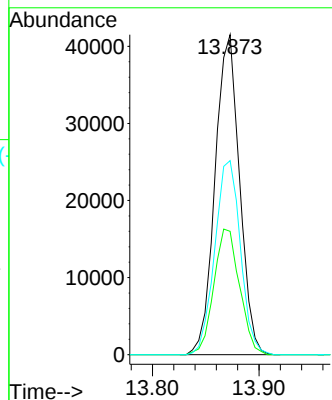
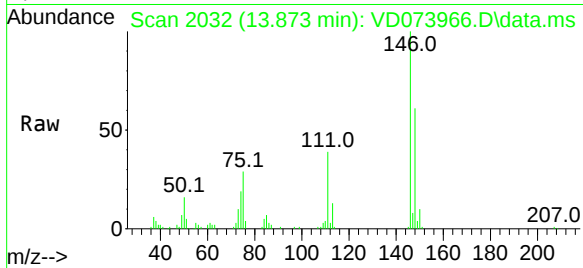




#91
1,2-Dichlorobenzene
Concen: 20.319 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

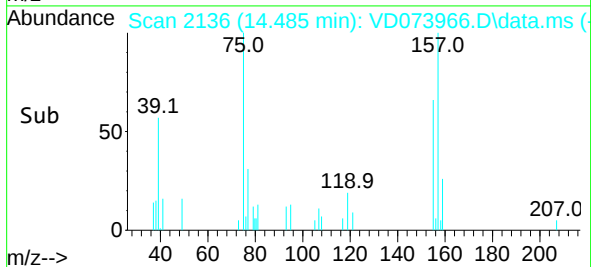
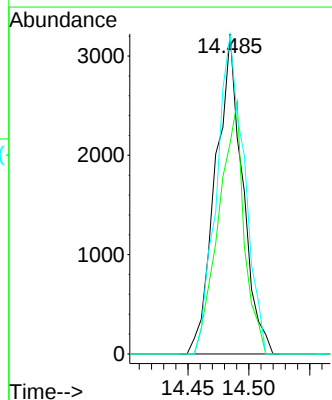
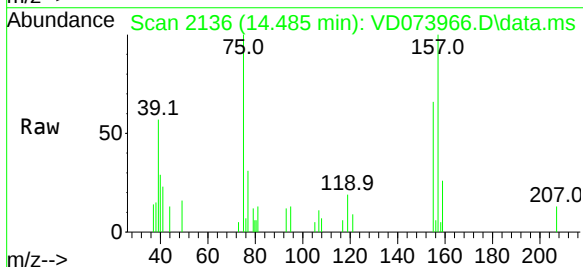
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

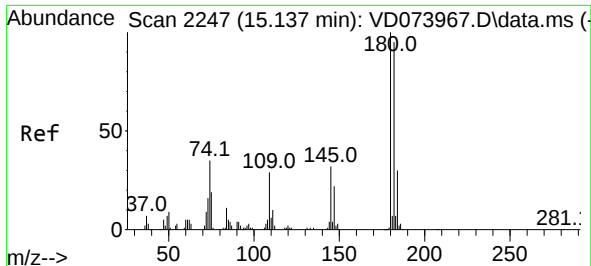
Tgt Ion:146 Resp: 66218
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.5
148 63.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.744 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion: 75 Resp: 4955
Ion Ratio Lower Upper
75 100
155 73.9 47.0 141.0
157 102.5 59.1 177.2

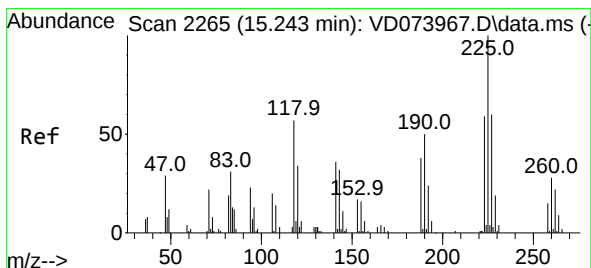
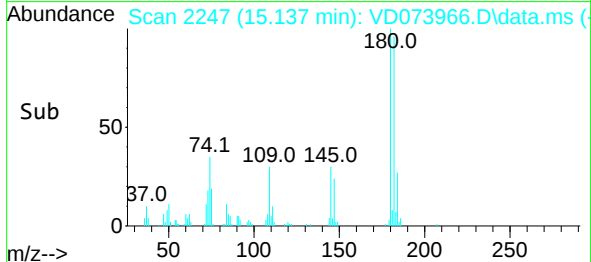
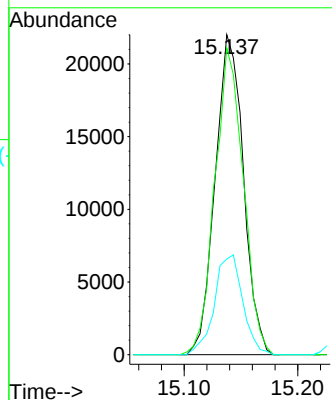
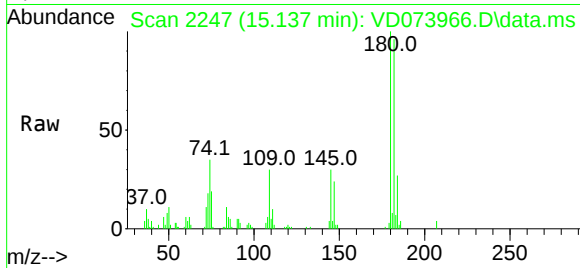




#93
1,2,4-Trichlorobenzene
Concen: 19.564 ug/l
RT: 15.137 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

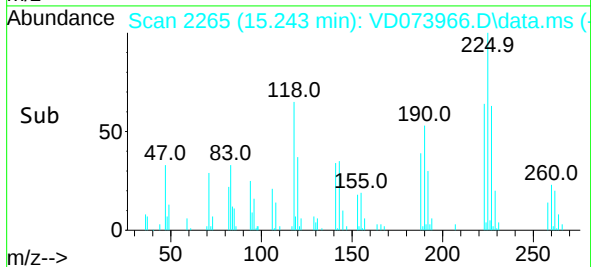
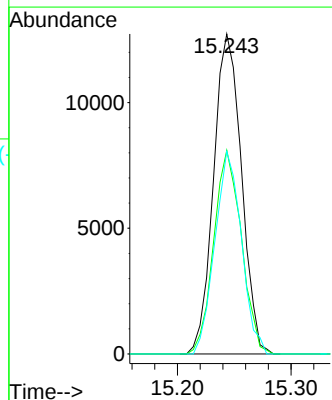
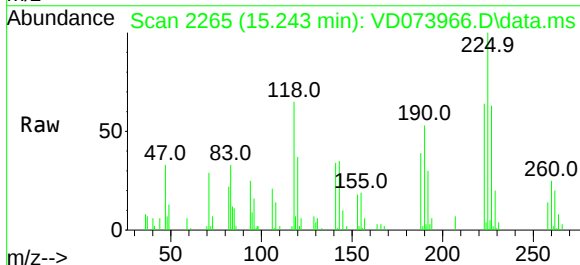
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

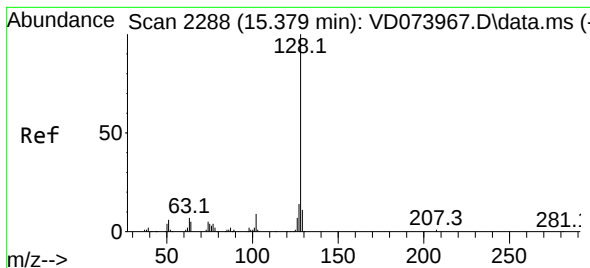
Tgt Ion:180 Resp: 37995
Ion Ratio Lower Upper
180 100
182 96.7 48.8 146.4
145 31.4 16.0 48.0



#94
Hexachlorobutadiene
Concen: 20.285 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. 0.000 min
Lab File: VD073966.D
Acq: 05 Aug 2022 15:25

Tgt Ion:225 Resp: 21725
Ion Ratio Lower Upper
225 100
223 63.0 30.8 92.3
227 60.2 31.6 94.7





#95

Naphthalene

Concen: 19.342 ug/l

RT: 15.379 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

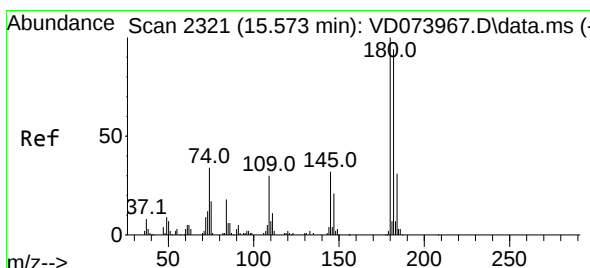
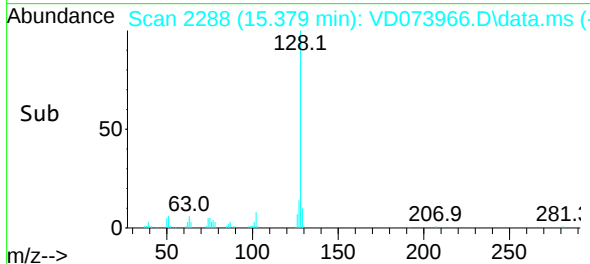
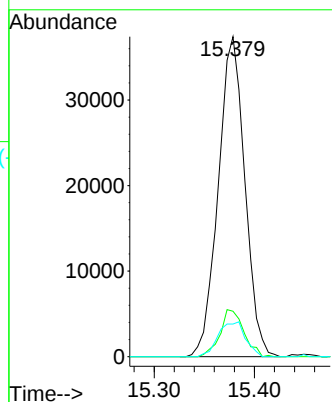
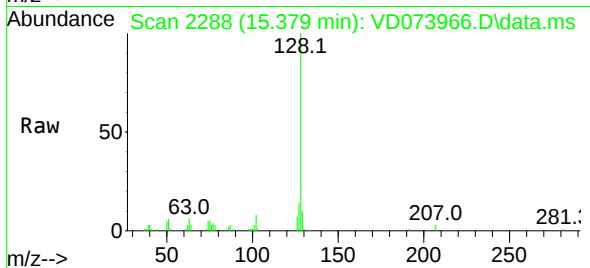
Tgt Ion:128 Resp: 68783

Ion Ratio Lower Upper

128 100

127 13.1 10.9 16.3

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.695 ug/l

RT: 15.567 min Scan# 2320

Delta R.T. -0.006 min

Lab File: VD073966.D

Acq: 05 Aug 2022 15:25

Tgt Ion:180 Resp: 34498

Ion Ratio Lower Upper

180 100

182 89.8 48.9 146.6

145 31.1 16.9 50.6

