

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074104.D
 Acq On : 16 Aug 2022 16:25
 Operator : VA/SY
 Sample : VD0816SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

Quant Time: Aug 16 17:42:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	127614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	209749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	199342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	52822	56.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.903	113	65773	49.072	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.140%
50) Toluene-d8	10.332	98	171221	42.074	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.140%
62) 4-Bromofluorobenzene	12.620	95	84389	50.217	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	27704	25.815	ug/l	98
3) Chloromethane	2.209	50	35018	26.756	ug/l	93
4) Vinyl Chloride	2.344	62	48263	25.586	ug/l	92
5) Bromomethane	2.750	94	35664	23.694	ug/l	89
6) Chloroethane	2.909	64	39122	25.351	ug/l	94
7) Trichlorofluoromethane	3.262	101	52937	21.755	ug/l	96
8) Diethyl Ether	3.709	74	11578	20.685	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.085	101	29748	21.876	ug/l	94
10) Methyl Iodide	4.291	142	27359	21.904	ug/l	94
11) Tert butyl alcohol	5.226	59	8822	117.105	ug/l #	85
12) 1,1-Dichloroethene	4.062	96	23864	21.471	ug/l	86
13) Acrolein	3.921	56	5789	84.153	ug/l	96
14) Allyl chloride	4.709	41	30538	20.589	ug/l #	87
15) Acrylonitrile	5.420	53	26352	117.867	ug/l	98
16) Acetone	4.156	43	24674	98.543	ug/l	98
17) Carbon Disulfide	4.403	76	63970	23.097	ug/l	97
18) Methyl Acetate	4.709	43	13822	24.772	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	56063	21.757	ug/l	97
20) Methylene Chloride	4.950	84	43745	28.086	ug/l #	81
21) trans-1,2-Dichloroethene	5.468	96	28487	22.278	ug/l	82
22) Diisopropyl ether	6.356	45	72022	22.431	ug/l #	94
23) Vinyl Acetate	6.297	43	177189	107.700	ug/l #	93
24) 1,1-Dichloroethane	6.250	63	50843	22.906	ug/l	94
25) 2-Butanone	7.209	43	34572	105.990	ug/l #	84
26) 2,2-Dichloropropane	7.197	77	51211	22.254	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	31666	21.010	ug/l	90
28) Bromochloromethane	7.538	49	19311	23.311	ug/l #	78
29) Tetrahydrofuran	7.561	42	20565	115.370	ug/l #	87
30) Chloroform	7.697	83	60516	23.324	ug/l	98
31) Cyclohexane	7.973	56	37280	20.405	ug/l #	75
32) 1,1,1-Trichloroethane	7.891	97	54519	22.285	ug/l	96
36) 1,1-Dichloropropene	8.103	75	40339	22.068	ug/l	95
37) Ethyl Acetate	7.285	43	15400	21.245	ug/l	97
38) Carbon Tetrachloride	8.091	117	46426	22.007	ug/l	97
39) Methylcyclohexane	9.350	83	40556	20.124	ug/l	91
40) Benzene	8.338	78	116519	22.558	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	8544	23.325	ug/l #	87
42) 1,2-Dichloroethane	8.414	62	35365	22.664	ug/l	99
43) Isopropyl Acetate	8.444	43	29729	22.346	ug/l #	91
44) Trichloroethene	9.108	130	33300	22.017	ug/l	82
45) 1,2-Dichloropropane	9.379	63	27587	22.048	ug/l	91
46) Dibromomethane	9.461	93	18153	22.888	ug/l	95
47) Bromodichloromethane	9.656	83	45660	22.394	ug/l #	98
48) Methyl methacrylate	9.450	41	11519	18.938	ug/l #	69
49) 1,4-Dioxane	9.456	88	3616	468.653	ug/l	86
51) 4-Methyl-2-Pentanone	10.220	43	78396	115.098	ug/l	97
52) Toluene	10.397	92	73720	21.827	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	38351	22.068	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	42030	20.915	ug/l	95
55) 1,1,2-Trichloroethane	10.791	97	24158	22.887	ug/l	98
56) Ethyl methacrylate	10.650	69	23617	22.004	ug/l #	85
57) 1,3-Dichloropropane	10.932	76	37476	22.399	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	45302	109.951	ug/l	92
59) 2-Hexanone	10.973	43	53454	114.762	ug/l	100
60) Dibromochloromethane	11.126	129	31099	21.790	ug/l	99
61) 1,2-Dibromoethane	11.232	107	22252	21.708	ug/l	98
64) Tetrachloroethene	10.867	164	26224	20.793	ug/l	88
65) Chlorobenzene	11.655	112	82656	21.196	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	32254	21.044	ug/l	98
67) Ethyl Benzene	11.732	91	138782	20.788	ug/l	98
68) m/p-Xylenes	11.844	106	110292	41.148	ug/l	96
69) o-Xylene	12.167	106	50222	20.564	ug/l	93
70) Styrene	12.179	104	89372	20.989	ug/l	96
71) Bromoform	12.344	173	18503	23.042	ug/l #	95
73) Isopropylbenzene	12.467	105	135904	20.438	ug/l	98
74) N-amyl acetate	12.273	43	27006	21.152	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	27616	22.696	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	32949	34.952	ug/l #	100
77) Bromobenzene	12.744	156	35105	21.863	ug/l	84
78) n-propylbenzene	12.808	91	170035	20.647	ug/l	99
79) 2-Chlorotoluene	12.891	91	97931	20.933	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	116793	20.576	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	7524	22.259	ug/l	87
82) 4-Chlorotoluene	12.991	91	102651	20.711	ug/l	95
83) tert-Butylbenzene	13.208	119	97521	19.412	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	117759	20.185	ug/l	97
85) sec-Butylbenzene	13.385	105	157038	20.346	ug/l	99
86) p-Isopropyltoluene	13.496	119	129189	20.069	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	69941	19.941	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	72176	20.541	ug/l	100
89) n-Butylbenzene	13.826	91	120791	19.587	ug/l	100
90) Hexachloroethane	14.091	117	26955	19.986	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	63269	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4473	21.282	ug/l	95
93) 1,2,4-Trichlorobenzene	15.138	180	35369	17.592	ug/l	99
94) Hexachlorobutadiene	15.249	225	20530	17.044	ug/l	96
95) Naphthalene	15.379	128	61175	18.071	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	31340	17.631	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Aug 16 01:41:25 2022
Response via : Initial Calibration

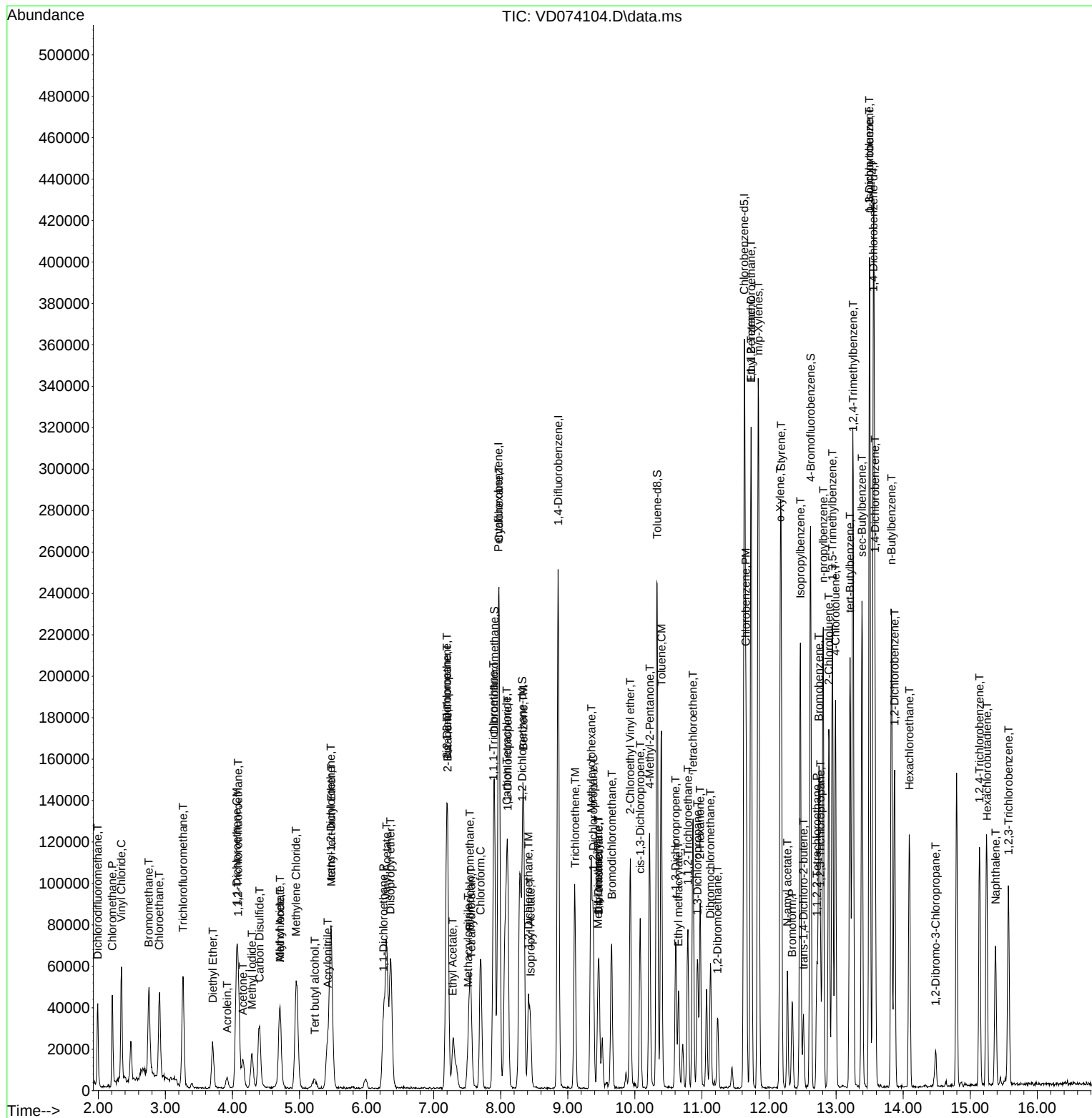
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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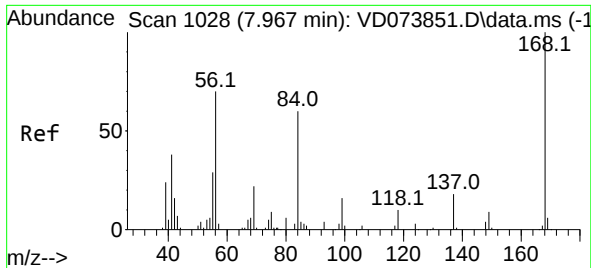
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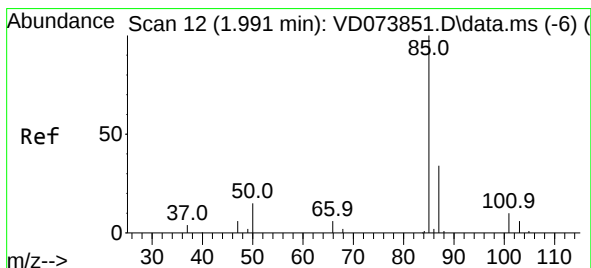
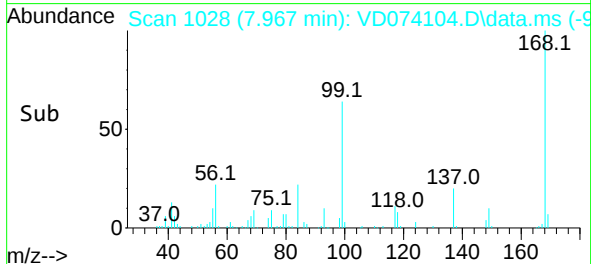
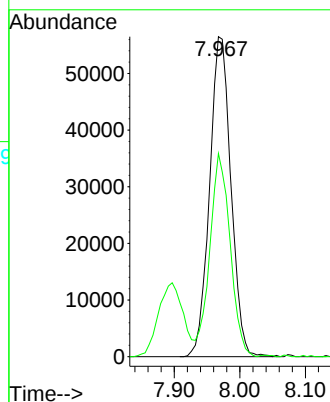
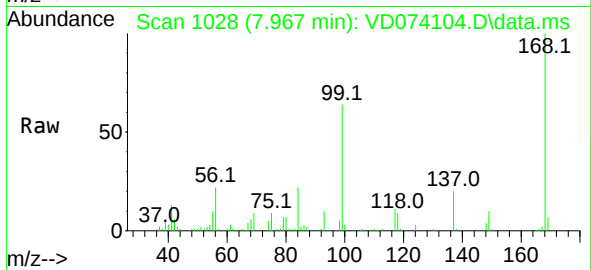




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074104.D
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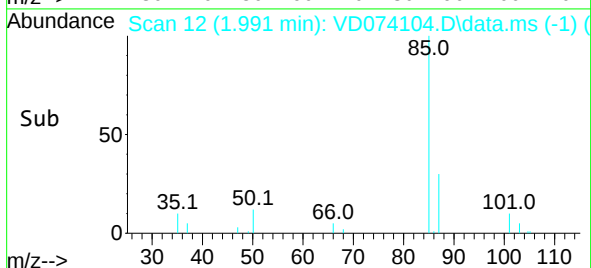
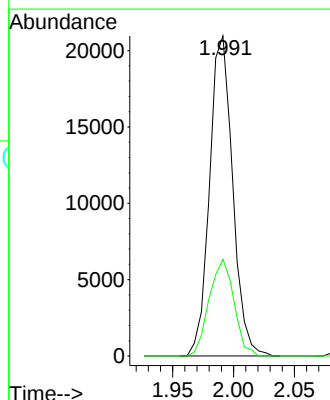
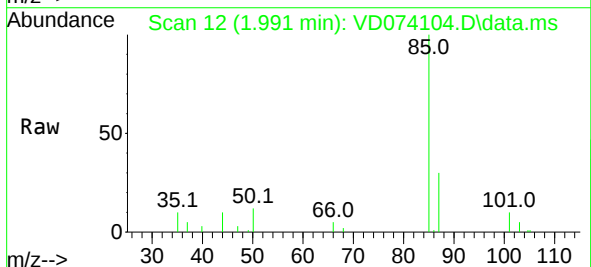
Instrument :
MSVOA_D
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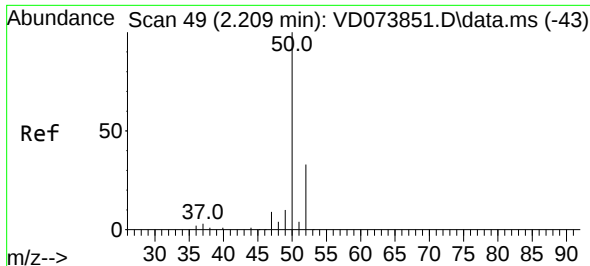
Tgt Ion:168 Resp: 127614
Ion Ratio Lower Upper
168 100
99 63.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 25.815 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 85 Resp: 27704
Ion Ratio Lower Upper
85 100
87 30.2 15.7 47.0

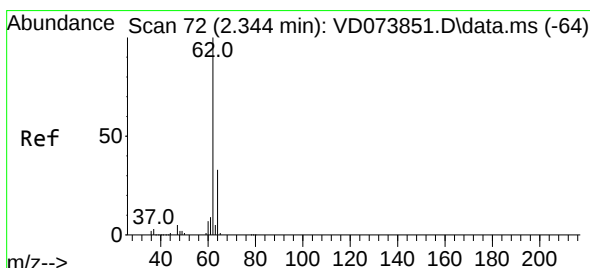
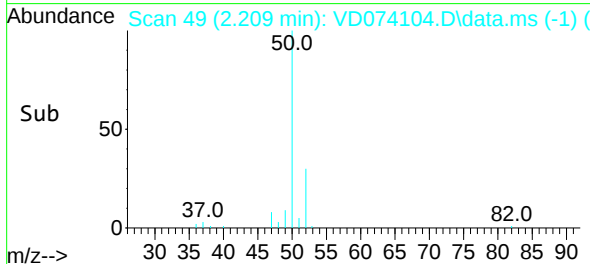
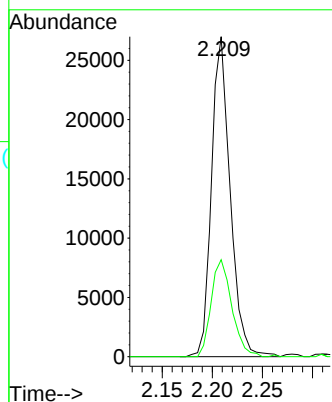
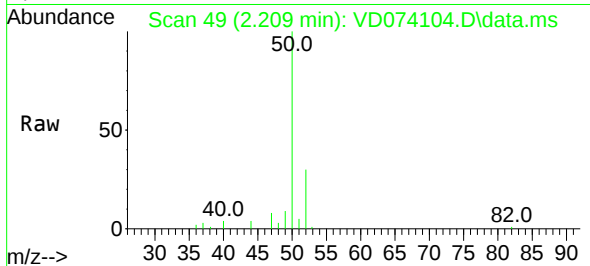




#3
Chloromethane
Concen: 26.756 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

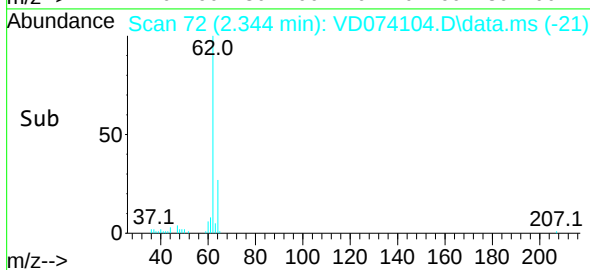
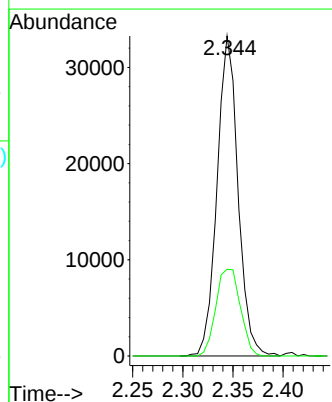
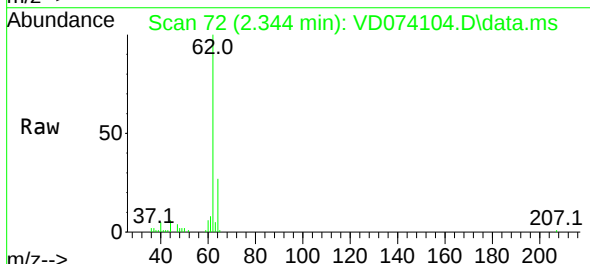
Instrument :
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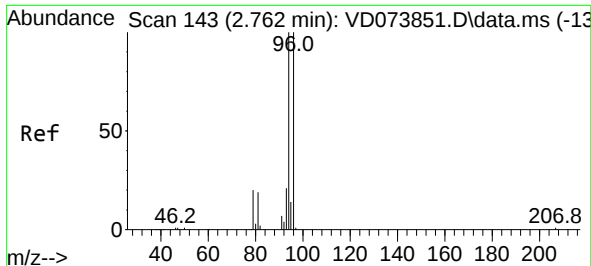
Tgt Ion: 50 Resp: 35018
Ion Ratio Lower Upper
50 100
52 30.3 27.4 41.0



#4
Vinyl Chloride
Concen: 25.586 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 62 Resp: 48263
Ion Ratio Lower Upper
62 100
64 27.1 25.4 38.0

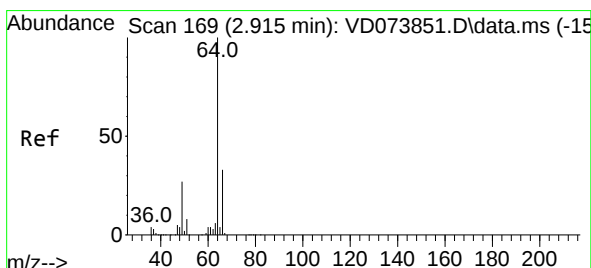
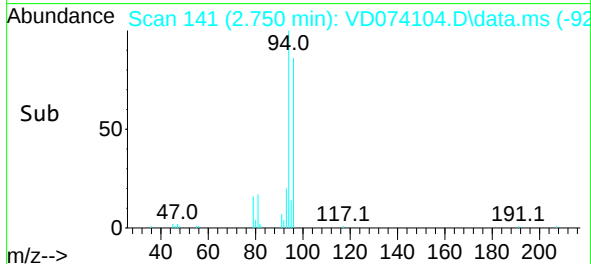
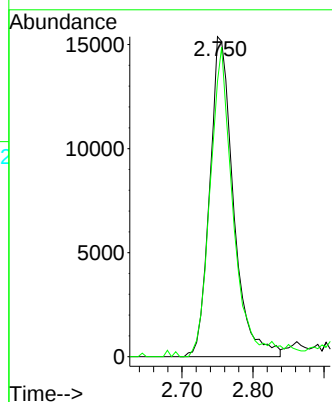
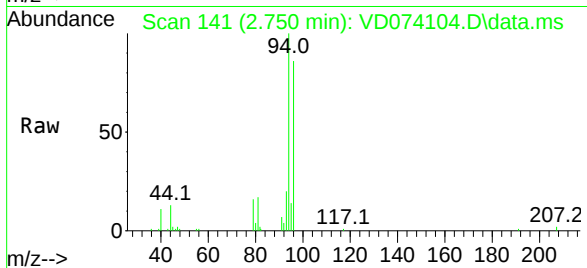




#5
Bromomethane
Concen: 23.694 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

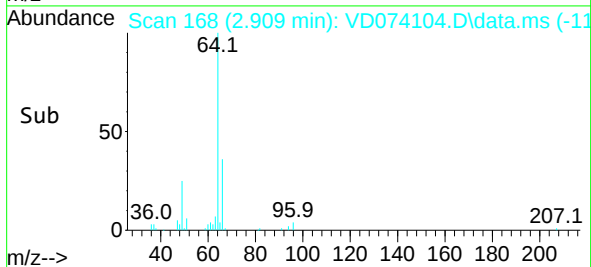
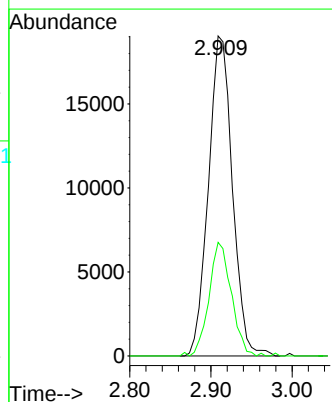
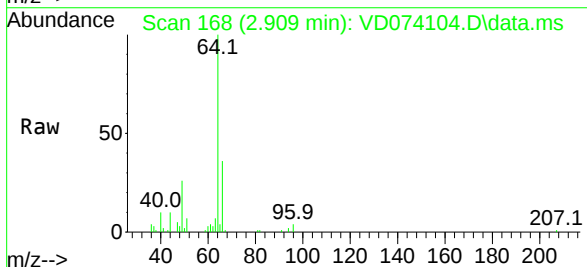
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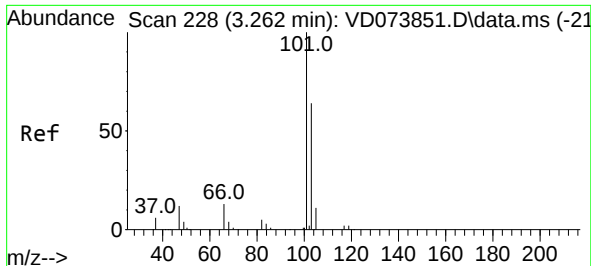
Tgt Ion: 94 Resp: 35664
Ion Ratio Lower Upper
94 100
96 86.0 77.6 116.4



#6
Chloroethane
Concen: 25.351 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 64 Resp: 39122
Ion Ratio Lower Upper
64 100
66 35.5 25.9 38.9

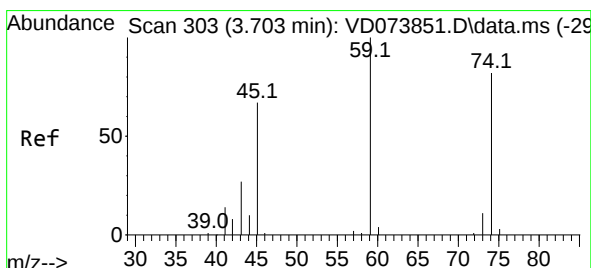
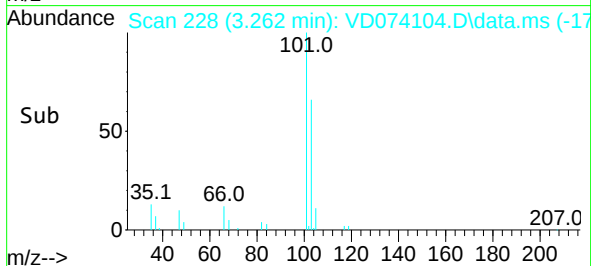
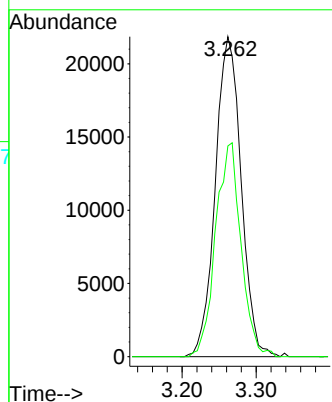
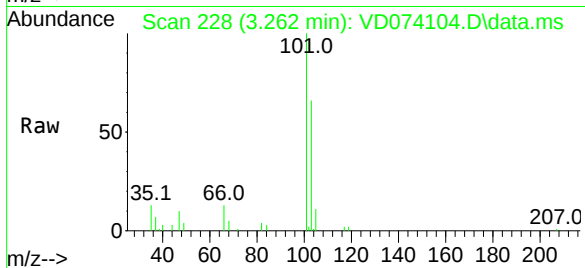




#7
 Trichlorofluoromethane
 Concen: 21.755 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

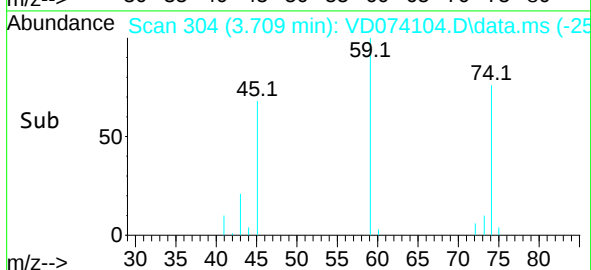
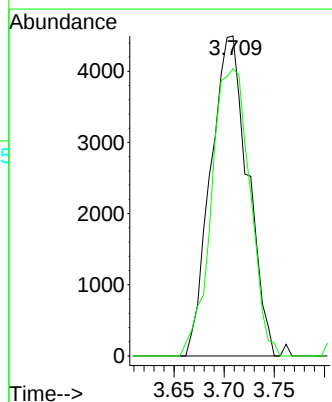
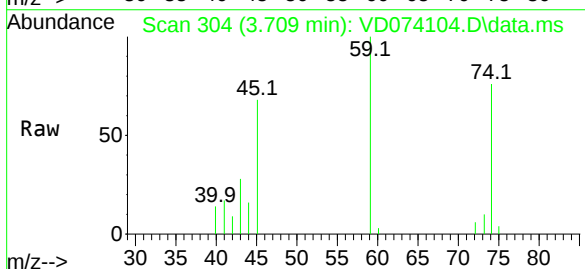
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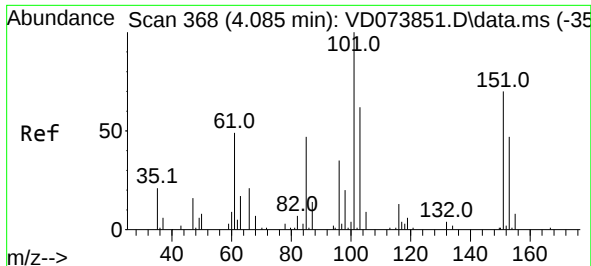
Tgt Ion:101 Resp: 52937
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.685 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.006 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

Tgt Ion: 74 Resp: 11578
 Ion Ratio Lower Upper
 74 100
 45 93.0 52.6 157.8

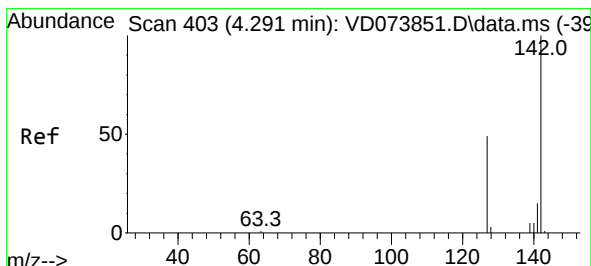
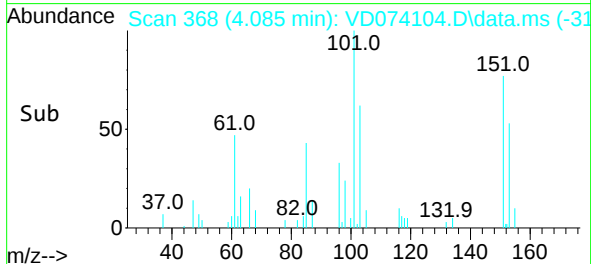
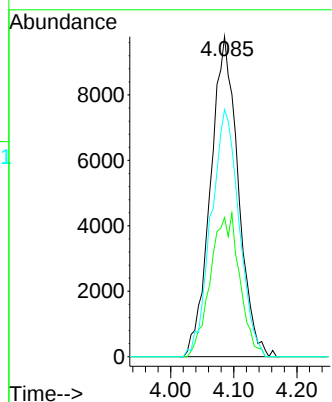
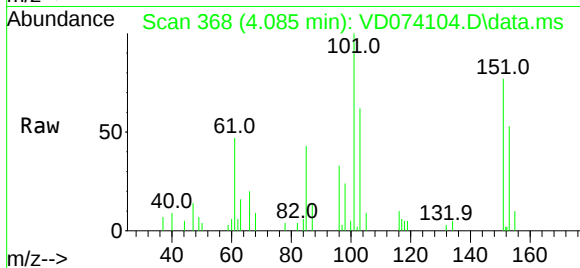




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.876 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

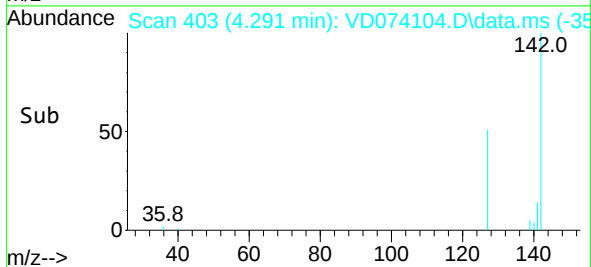
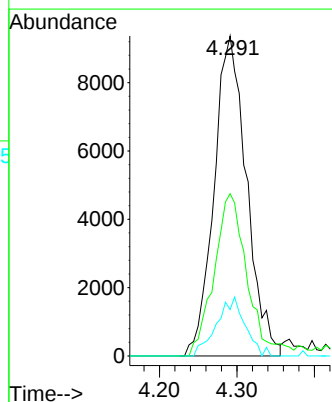
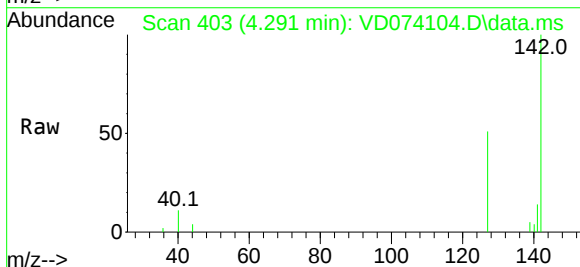
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

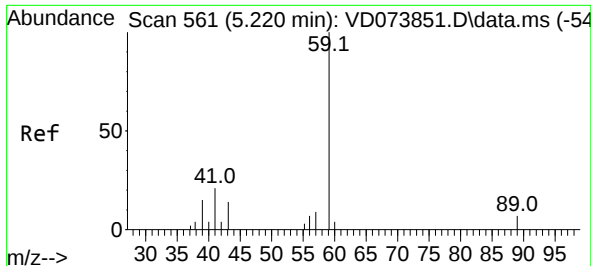
Tgt Ion:101 Resp: 29748
Ion Ratio Lower Upper
101 100
85 46.9 36.4 54.6
151 78.0 57.3 85.9



#10
Methyl Iodide
Concen: 21.904 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:142 Resp: 27359
Ion Ratio Lower Upper
142 100
127 51.4 37.3 55.9
141 16.1 11.7 17.5

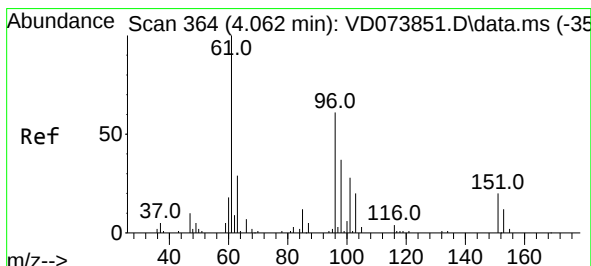
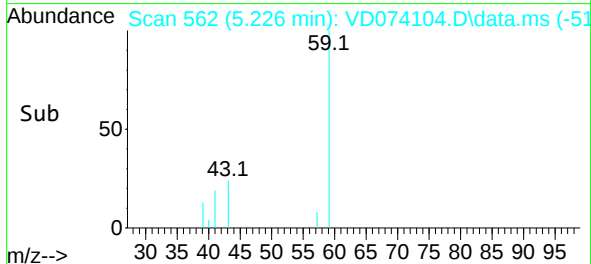
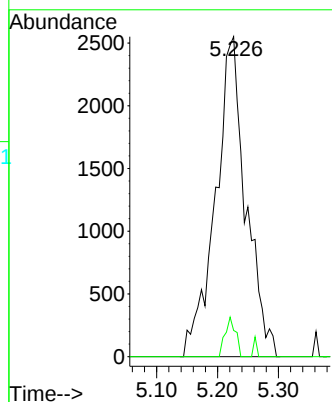
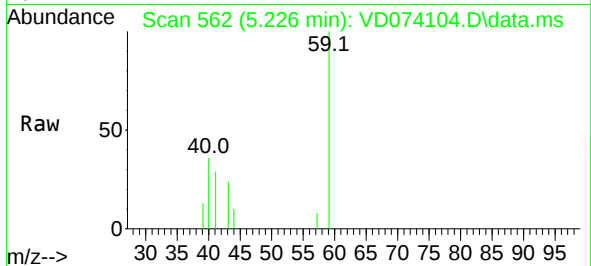




#11
Tert butyl alcohol
Concen: 117.105 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

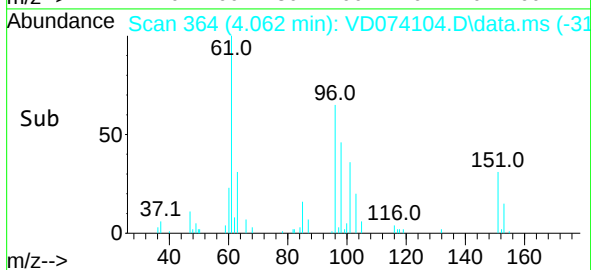
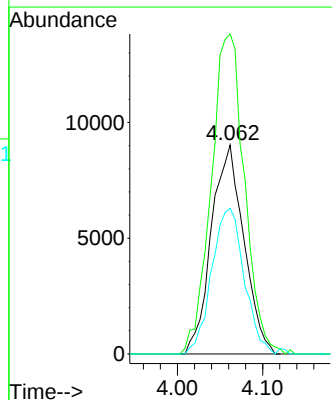
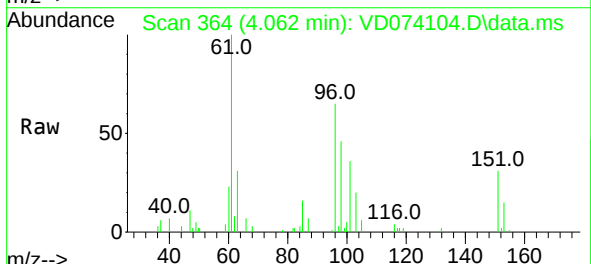
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

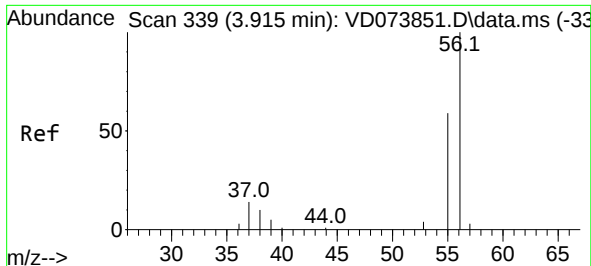
Tgt Ion: 59 Resp: 8822
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 21.471 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 96 Resp: 23864
Ion Ratio Lower Upper
96 100
61 153.2 138.5 207.7
98 69.8 48.6 73.0





#13

Acrolein

Concen: 84.153 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

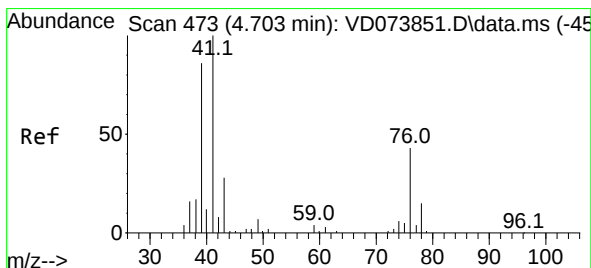
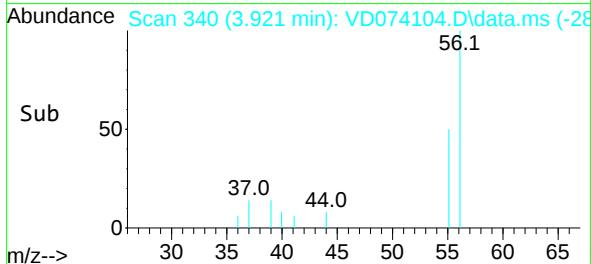
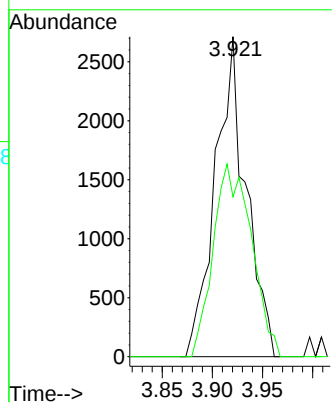
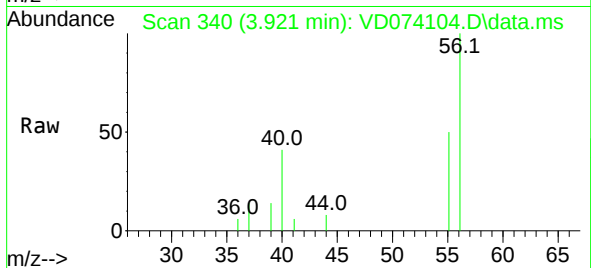
VD0816SBS01

Tgt Ion: 56 Resp: 5789

Ion Ratio Lower Upper

56 100

55 74.8 57.1 85.7



#14

Allyl chloride

Concen: 20.589 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

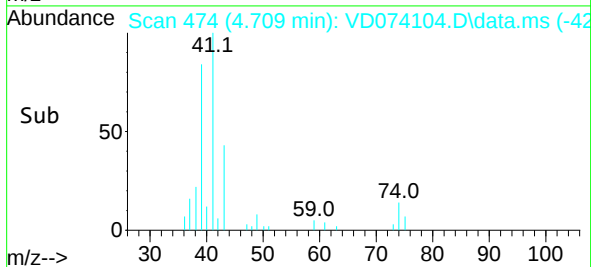
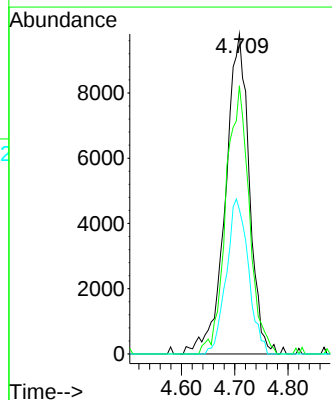
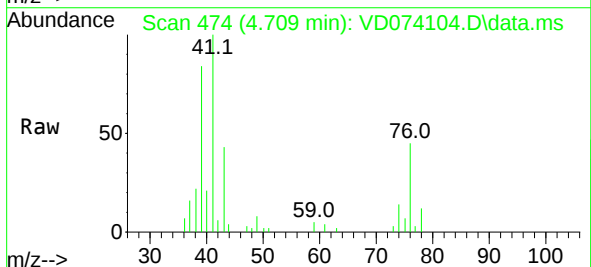
Tgt Ion: 41 Resp: 30538

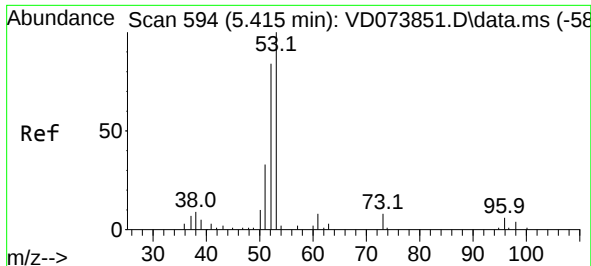
Ion Ratio Lower Upper

41 100

39 81.8 59.3 88.9

76 44.6 25.7 38.5#

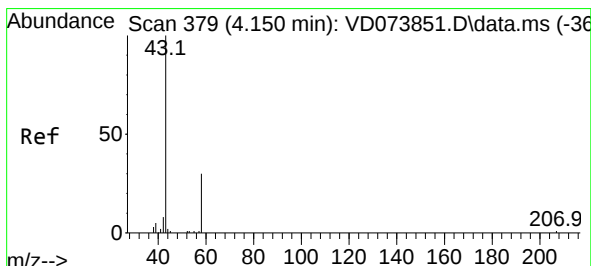
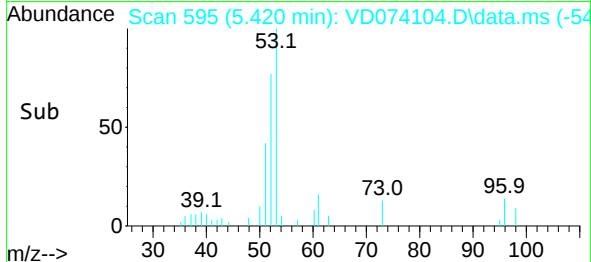
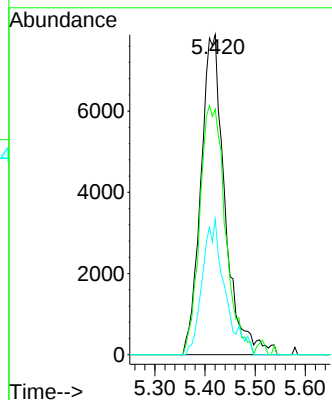
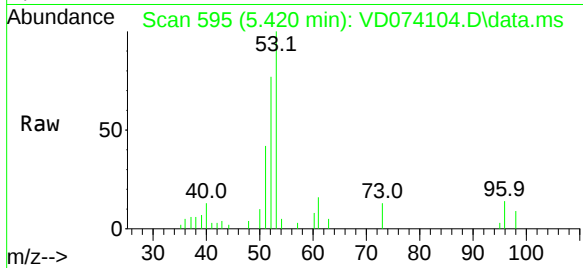




#15
Acrylonitrile
Concen: 117.867 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.005 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

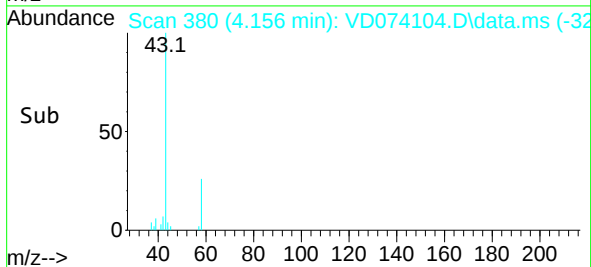
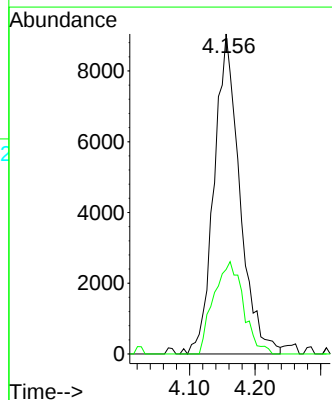
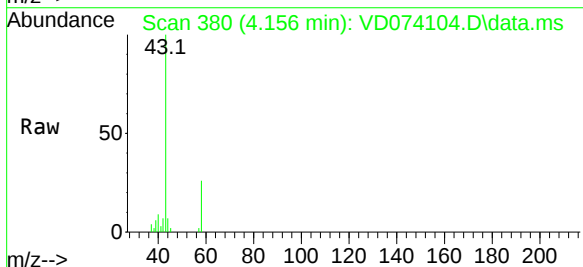
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

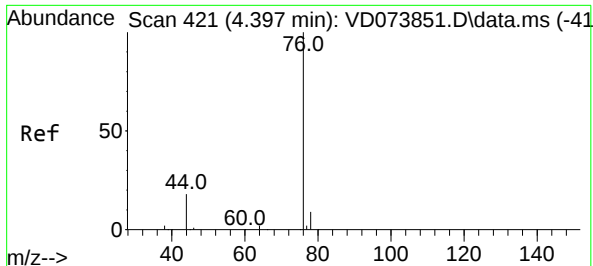
Tgt Ion: 53	Resp: 26352
Ion Ratio	Lower Upper
53 100	
52 82.0	67.2 100.8
51 39.5	30.3 45.5



#16
Acetone
Concen: 98.543 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 43	Resp: 24674
Ion Ratio	Lower Upper
43 100	
58 26.4	22.1 33.1

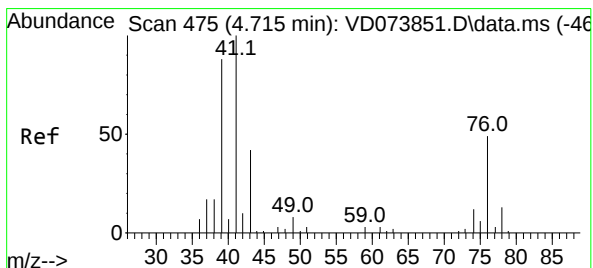
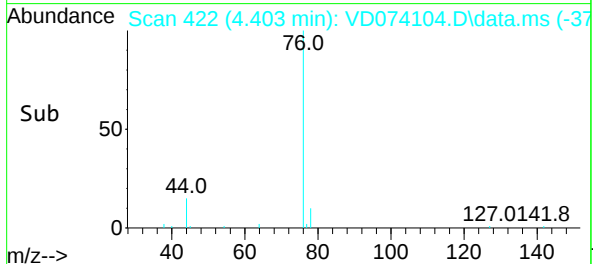
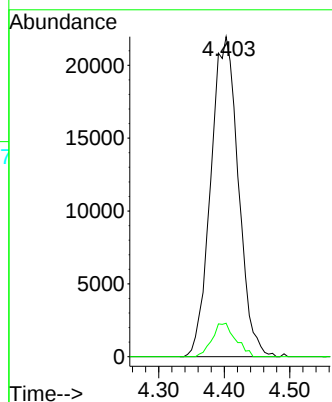
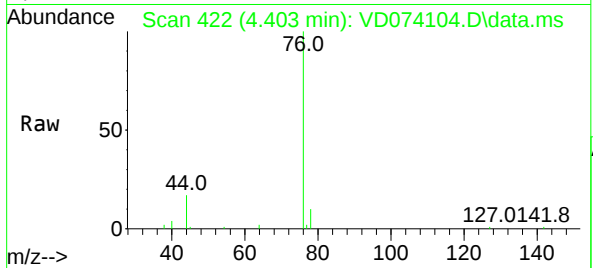




#17
Carbon Disulfide
Concen: 23.097 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

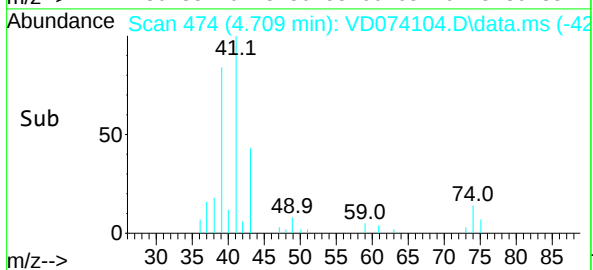
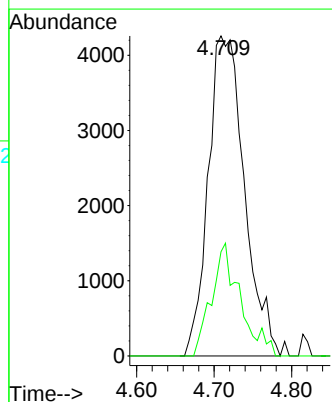
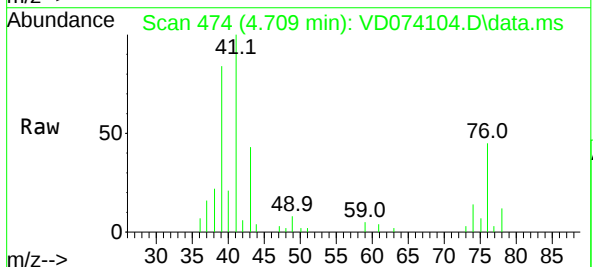
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

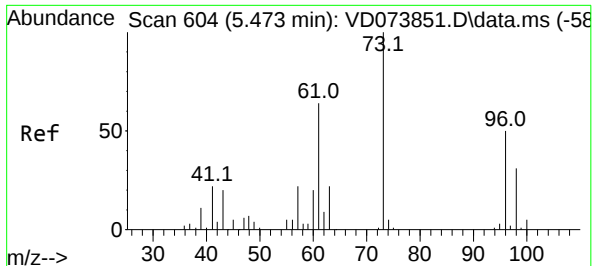
Tgt Ion: 76 Resp: 63970
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#18
Methyl Acetate
Concen: 24.772 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 43 Resp: 13822
Ion Ratio Lower Upper
43 100
74 26.1 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 21.757 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

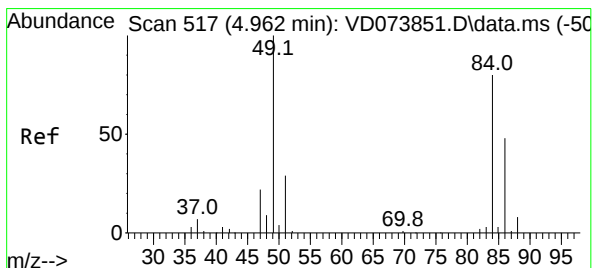
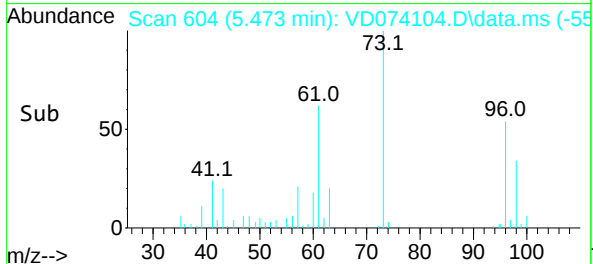
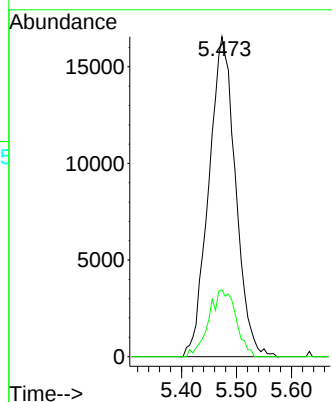
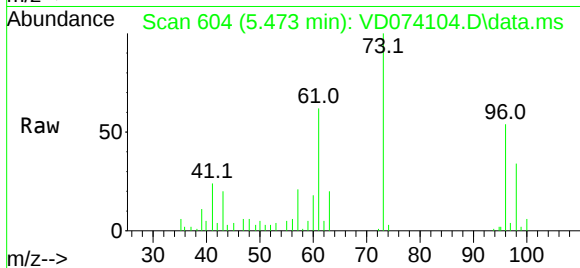
VD0816SBS01

Tgt Ion: 73 Resp: 56063

Ion Ratio Lower Upper

73 100

57 20.9 18.0 27.0



#20

Methylene Chloride

Concen: 28.086 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.012 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Tgt Ion: 84 Resp: 43745

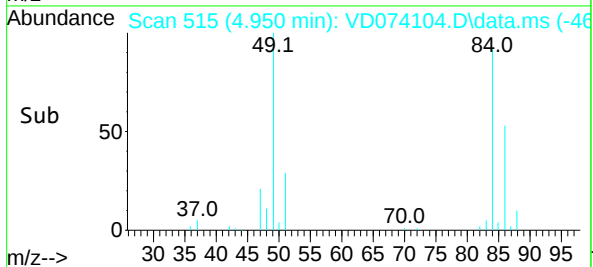
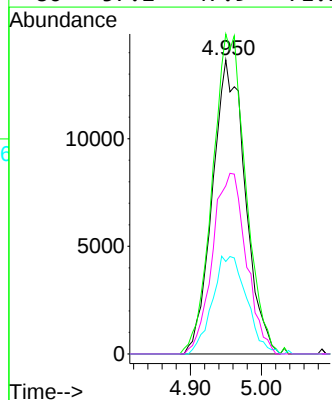
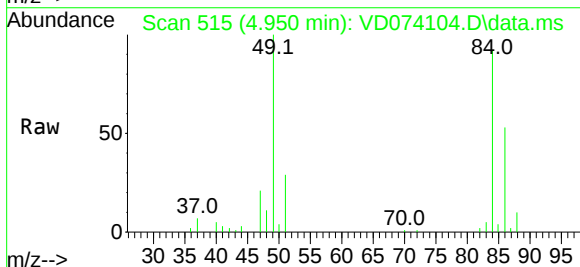
Ion Ratio Lower Upper

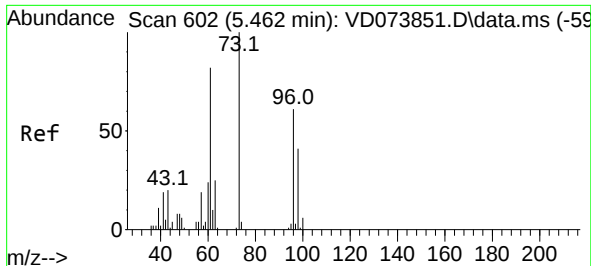
84 100

49 108.8 112.8 169.2#

51 31.5 32.6 48.8#

86 57.2 47.9 71.9

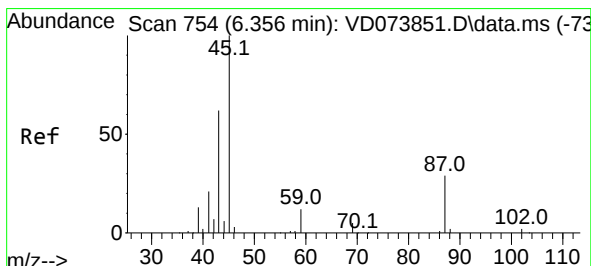
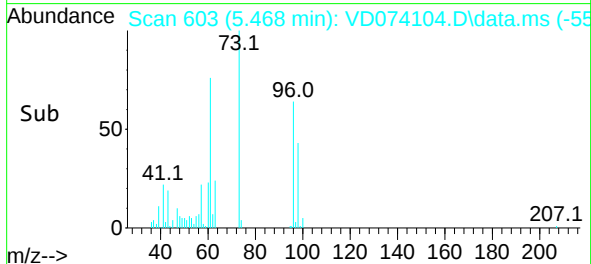
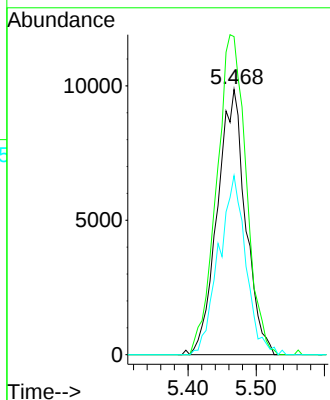
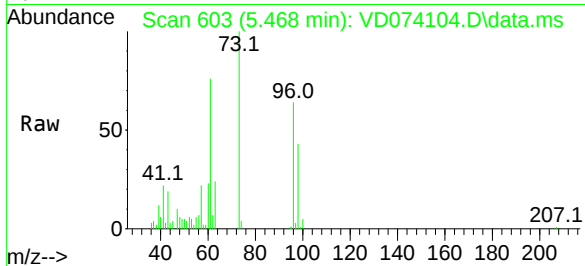




#21
trans-1,2-Dichloroethene
Concen: 22.278 ug/l
RT: 5.468 min Scan# 602
Delta R.T. 0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

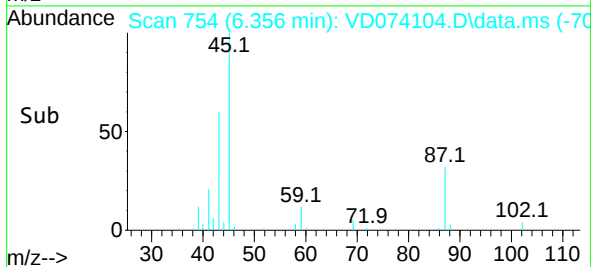
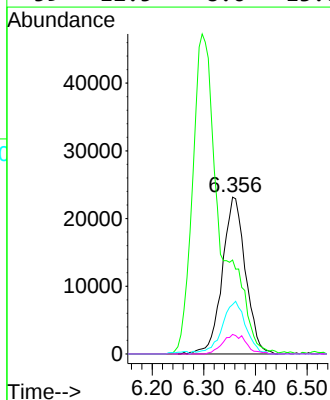
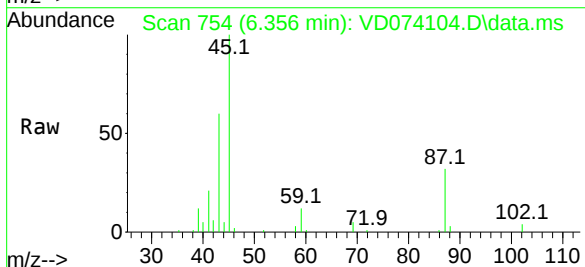
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

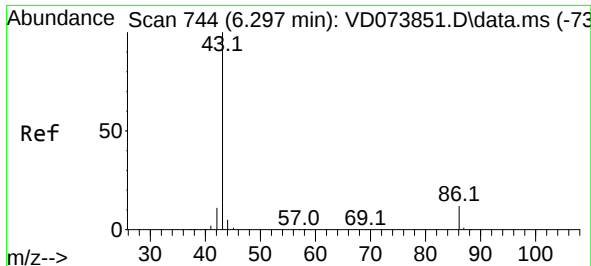
Tgt Ion: 96 Resp: 28487
Ion Ratio Lower Upper
96 100
61 119.9 117.9 176.9
98 67.5 49.4 74.2



#22
Diisopropyl ether
Concen: 22.431 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 45 Resp: 72022
Ion Ratio Lower Upper
45 100
43 59.1 46.6 70.0
87 31.5 18.4 27.6#
59 12.5 8.6 13.0

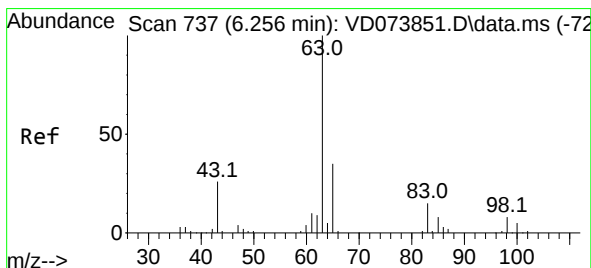
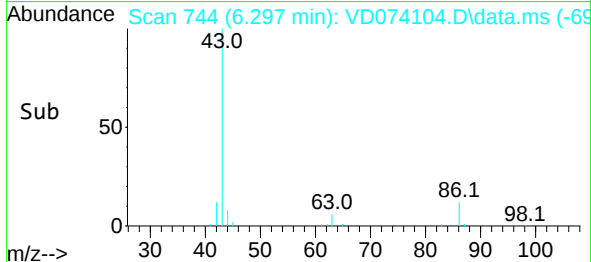
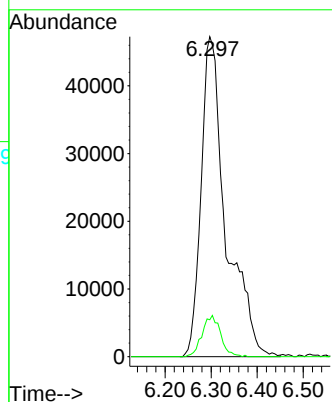
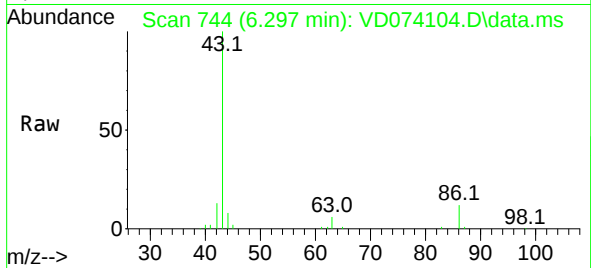




#23
 Vinyl Acetate
 Concen: 107.700 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

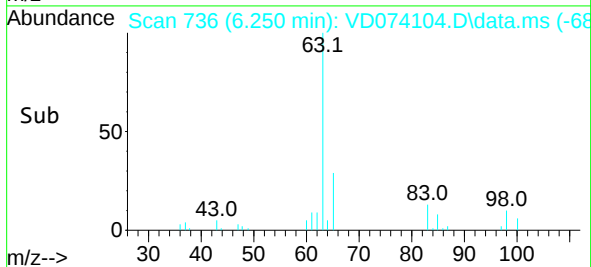
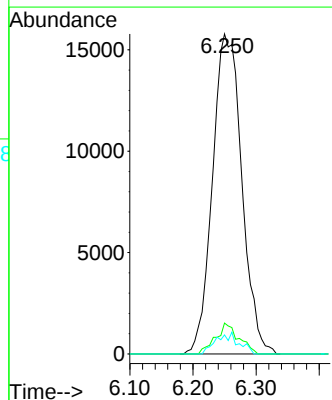
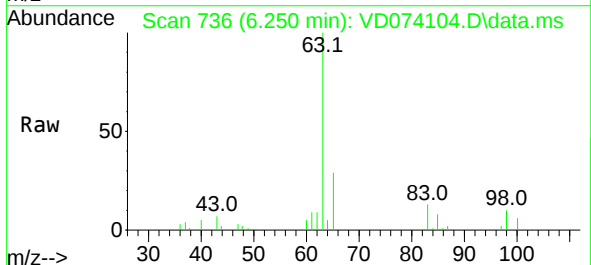
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

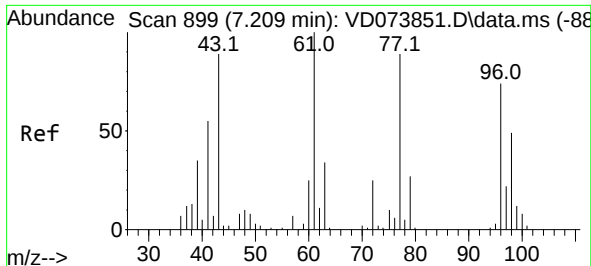
Tgt Ion: 43 Resp: 177189
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 22.906 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

Tgt Ion: 63 Resp: 50843
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.6 10.9
 100 5.9 2.1 6.5

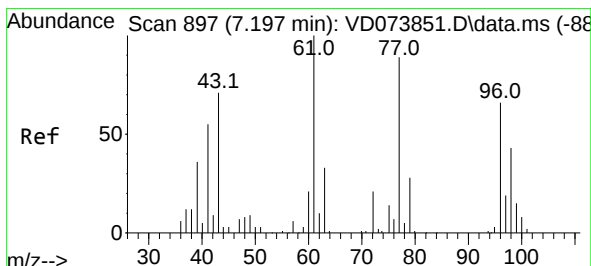
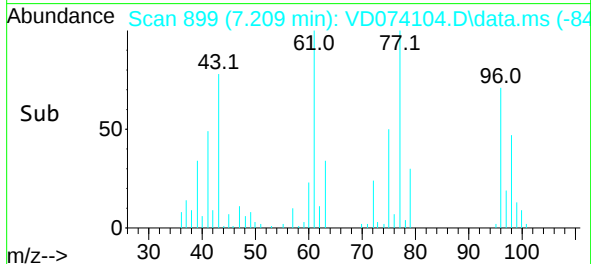
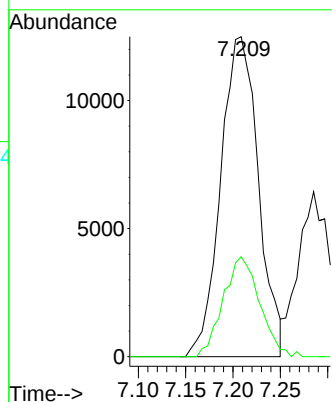
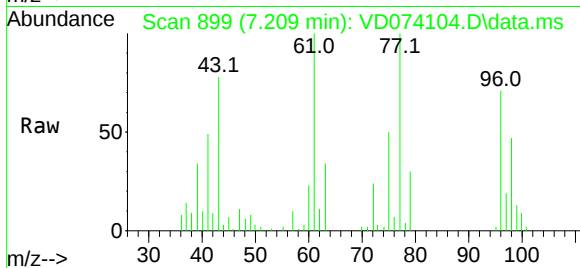




#25
2-Butanone
Concen: 105.990 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

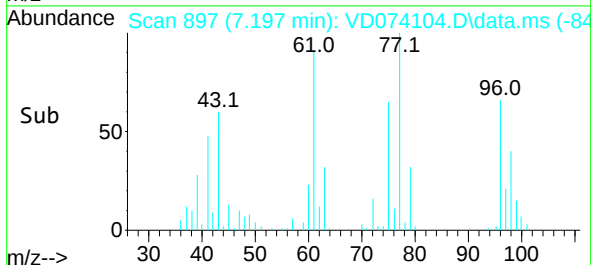
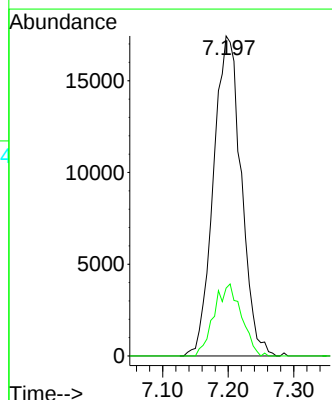
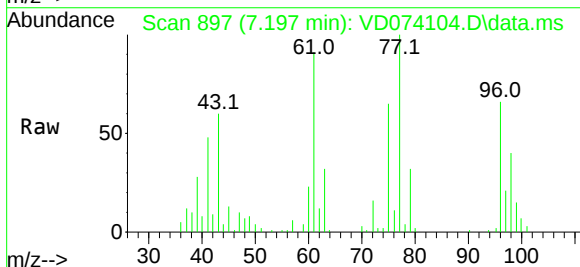
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

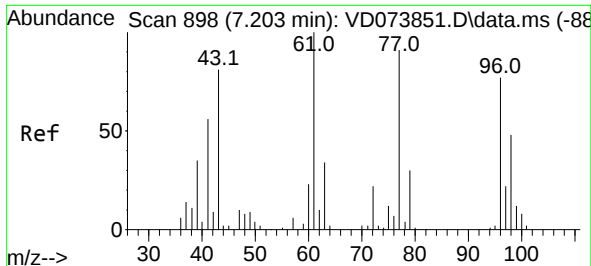
Tgt Ion: 43 Resp: 34572
Ion Ratio Lower Upper
43 100
72 31.2 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 22.254 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 77 Resp: 51211
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4

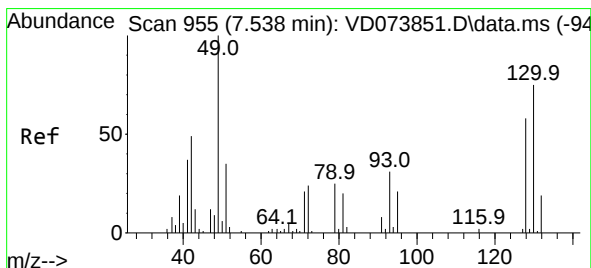
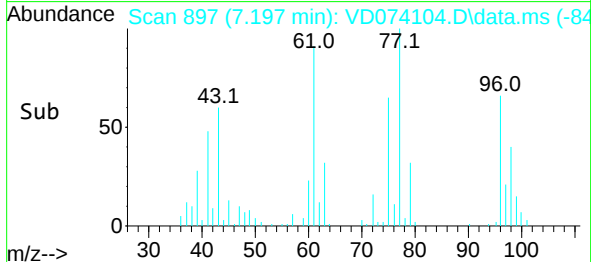
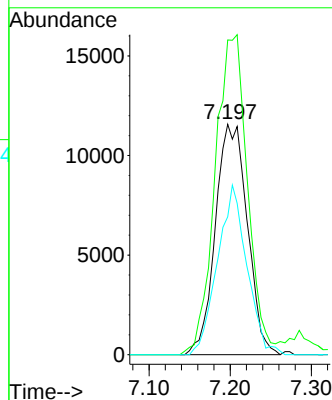
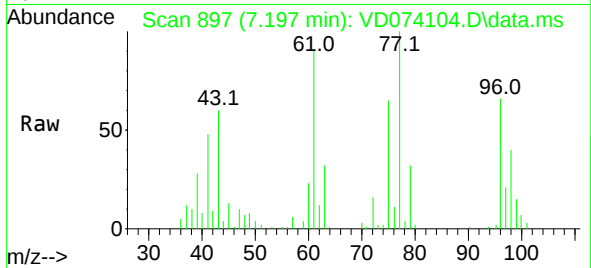




#27
 cis-1,2-Dichloroethene
 Concen: 21.010 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.006 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

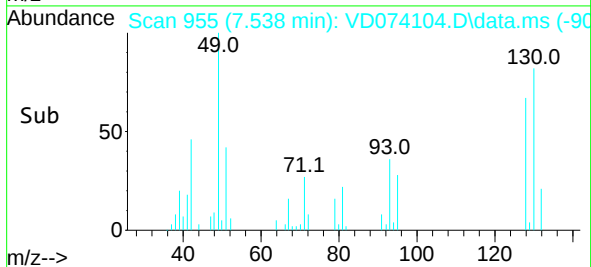
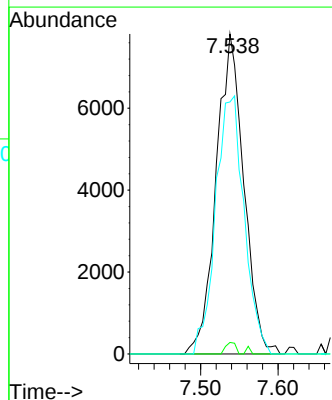
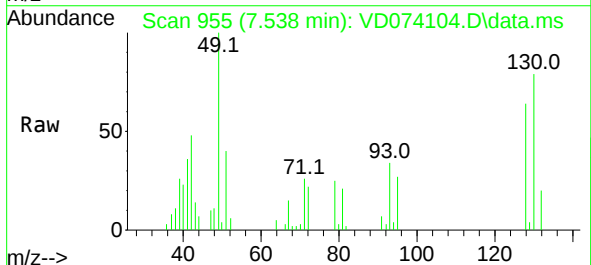
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

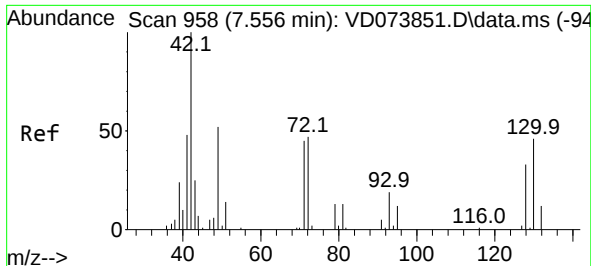
Tgt Ion: 96 Resp: 31666
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 313.8
 98 67.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 23.311 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

Tgt Ion: 49 Resp: 19311
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 83.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 115.370 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.005 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

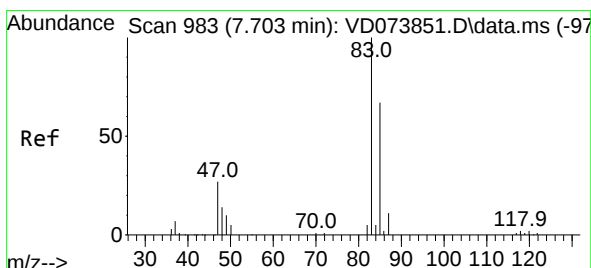
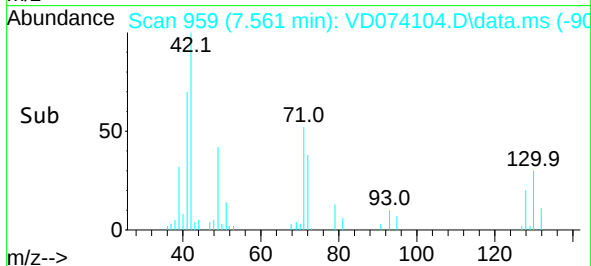
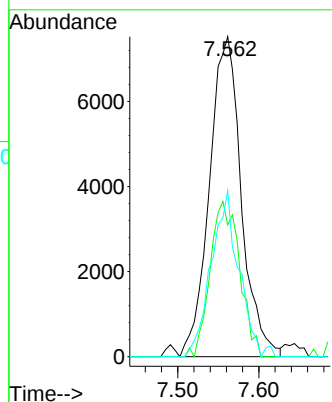
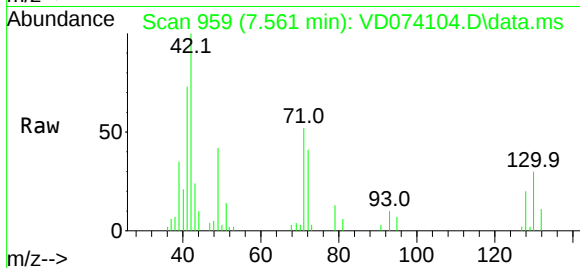
Tgt Ion: 42 Resp: 20565

Ion Ratio Lower Upper

42 100

72 44.8 30.7 46.1

71 45.0 28.6 43.0#



#30

Chloroform

Concen: 23.324 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD074104.D

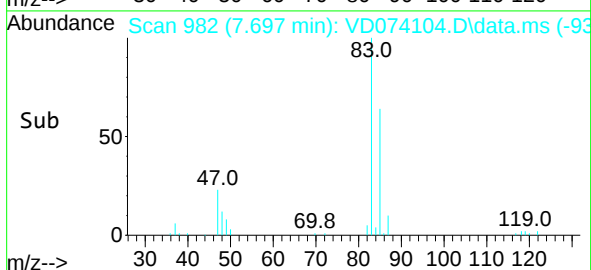
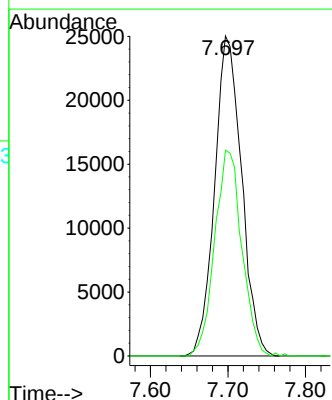
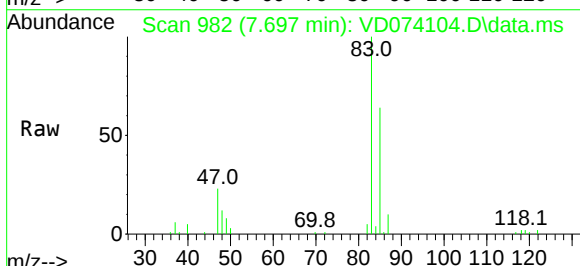
Acq: 16 Aug 2022 16:25

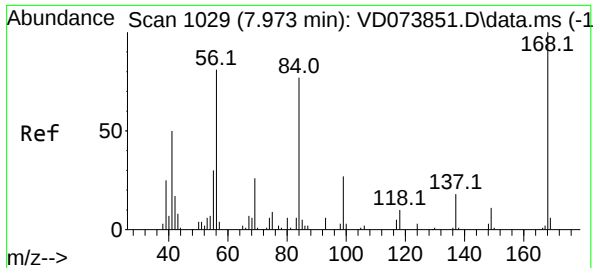
Tgt Ion: 83 Resp: 60516

Ion Ratio Lower Upper

83 100

85 64.3 52.7 79.1

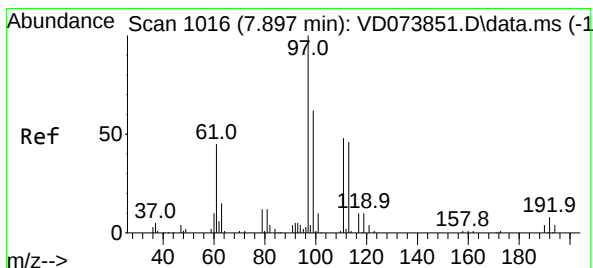
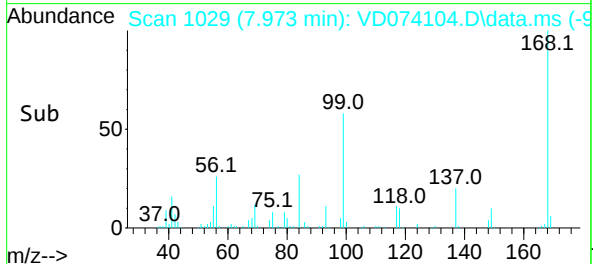
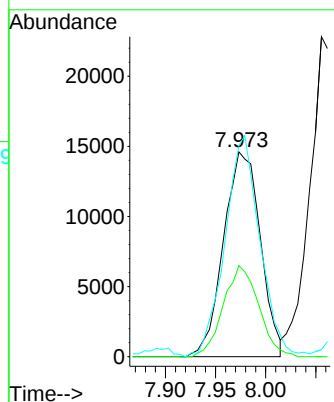
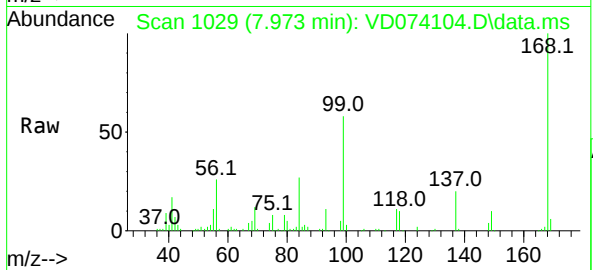




#31
Cyclohexane
Concen: 20.405 ug/l
RT: 7.973 min Scan# 1015
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

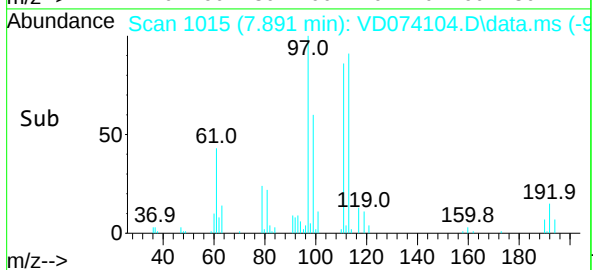
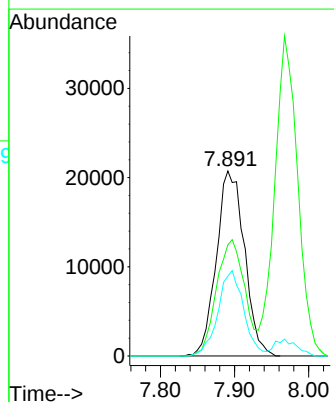
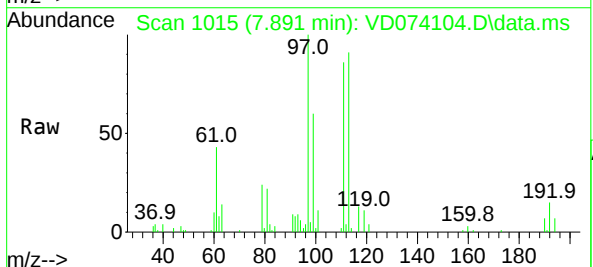
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

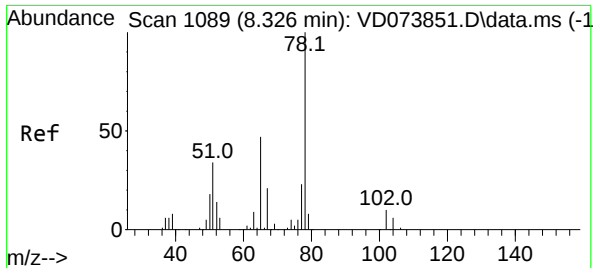
Tgt Ion: 56 Resp: 37280
Ion Ratio Lower Upper
56 100
69 44.4 25.4 38.2#
84 101.8 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 22.285 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 97 Resp: 54519
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 56.592 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

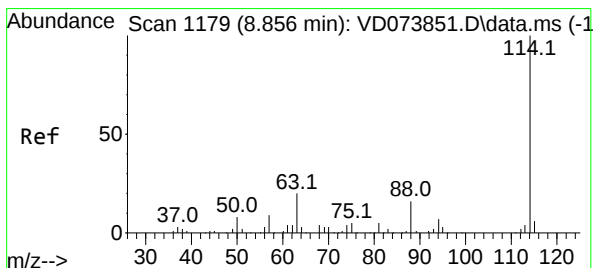
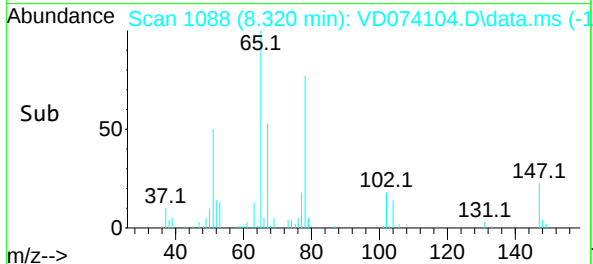
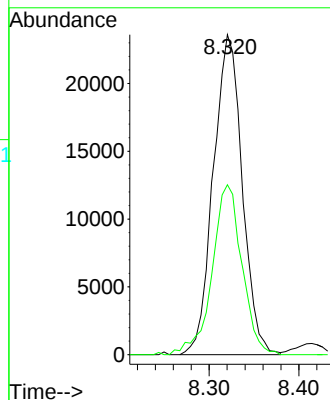
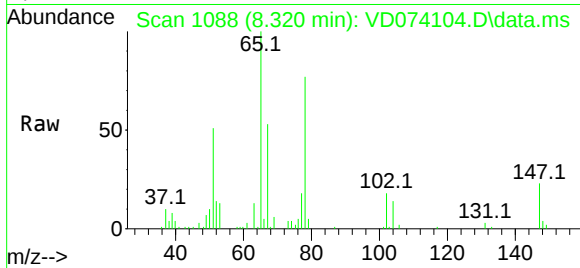
VD0816SBS01

Tgt Ion: 65 Resp: 52822

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

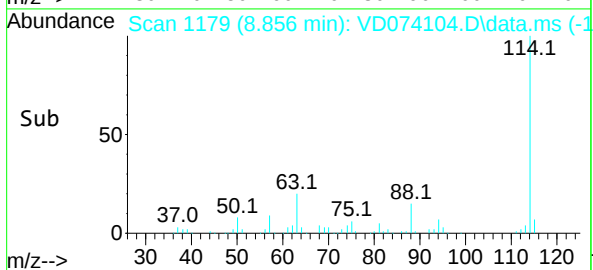
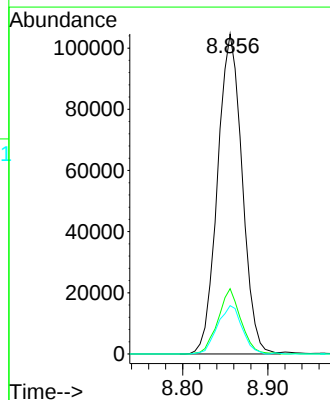
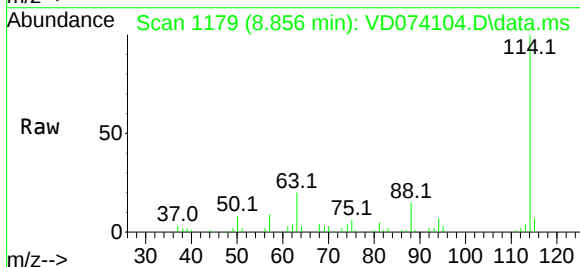
Tgt Ion: 114 Resp: 209749

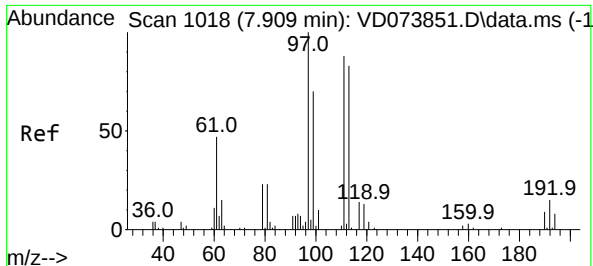
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.072 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

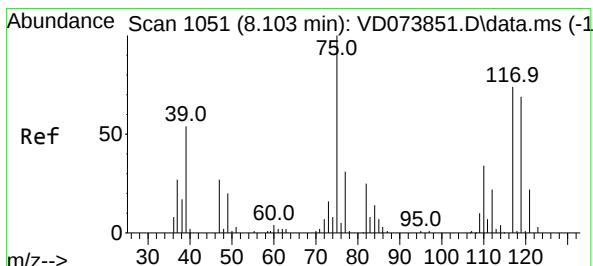
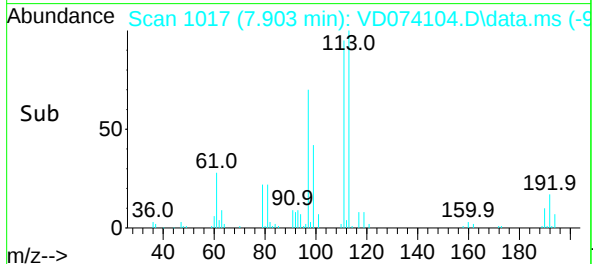
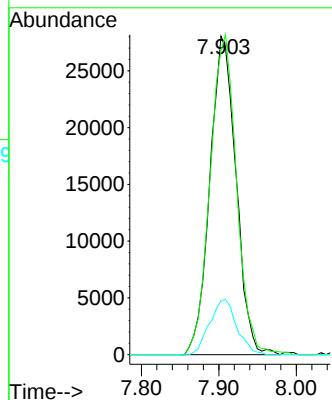
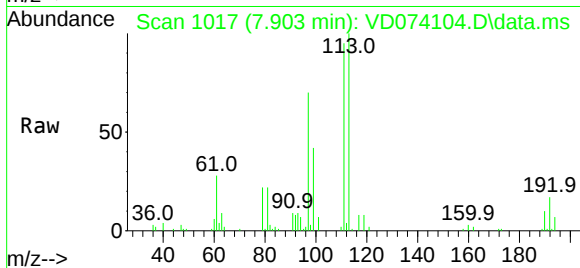
Tgt Ion:113 Resp: 65773

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 22.068 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

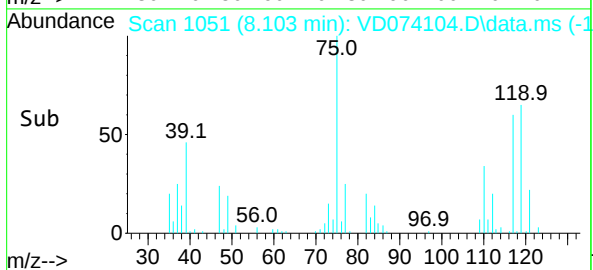
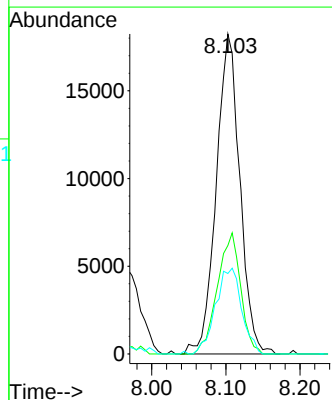
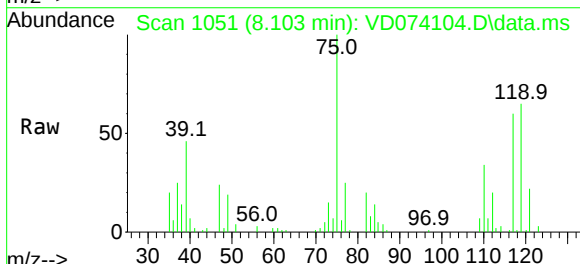
Tgt Ion: 75 Resp: 40339

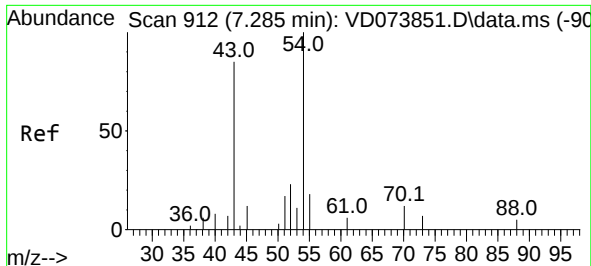
Ion Ratio Lower Upper

75 100

110 37.3 16.4 49.1

77 29.6 24.2 36.2





#37

Ethyl Acetate

Concen: 21.245 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

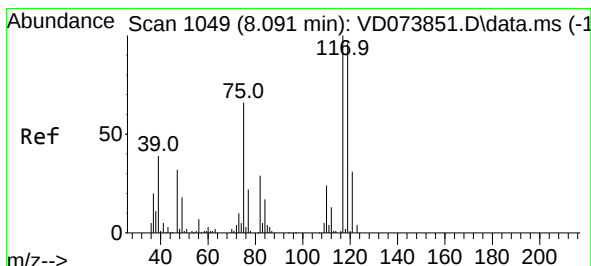
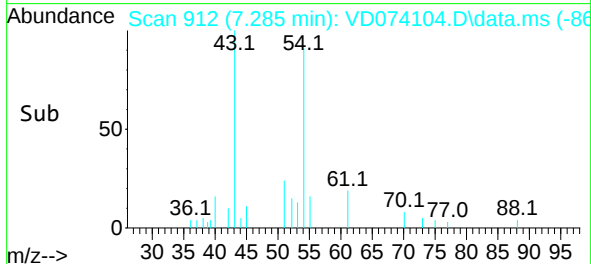
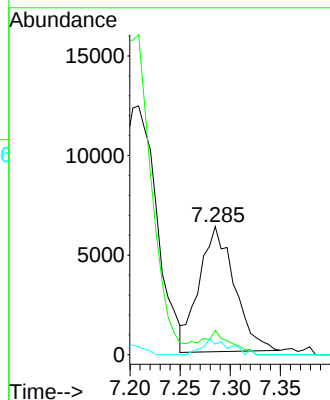
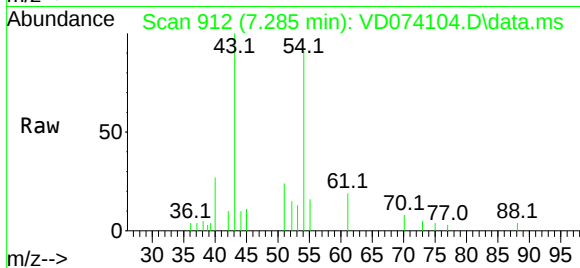
Tgt Ion: 43 Resp: 15400

Ion Ratio Lower Upper

43 100

61 13.3 9.8 14.8

70 9.5 6.9 10.3



#38

Carbon Tetrachloride

Concen: 22.007 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

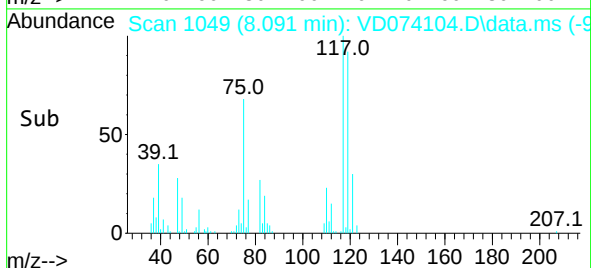
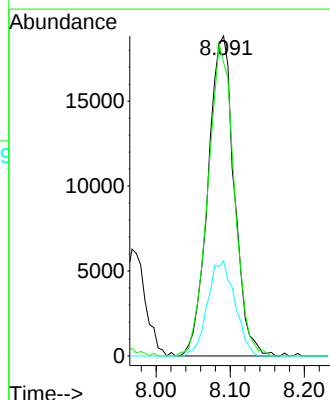
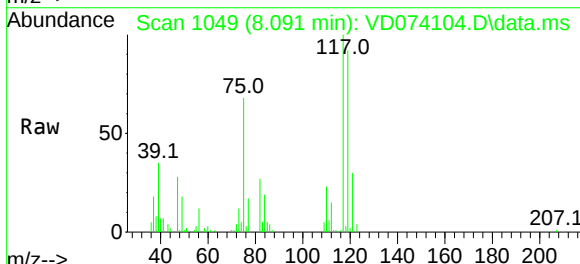
Tgt Ion: 117 Resp: 46426

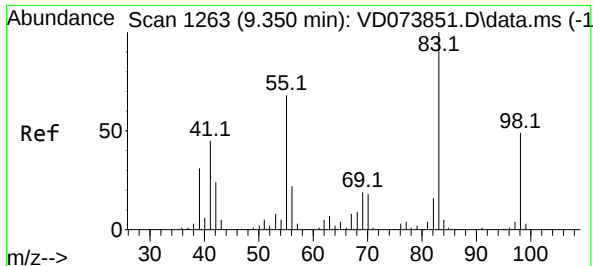
Ion Ratio Lower Upper

117 100

119 91.7 75.8 113.6

121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 20.124 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

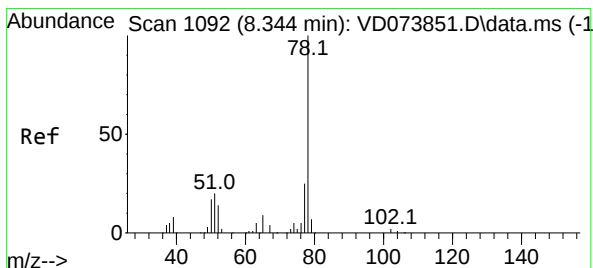
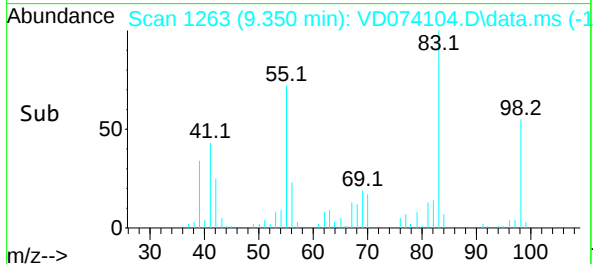
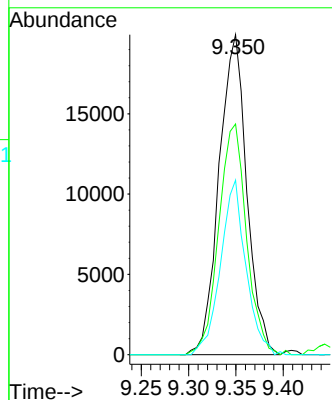
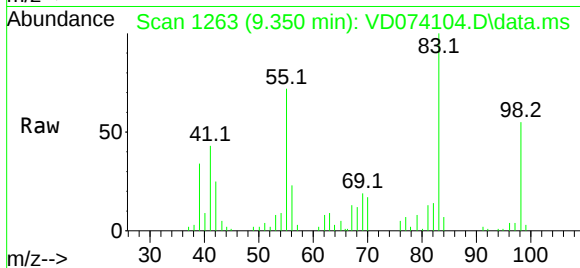
Tgt Ion: 83 Resp: 40556

Ion Ratio Lower Upper

83 100

55 72.1 63.2 94.8

98 54.6 38.2 57.4



#40

Benzene

Concen: 22.558 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD074104.D

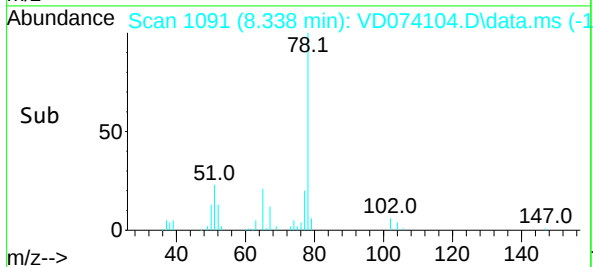
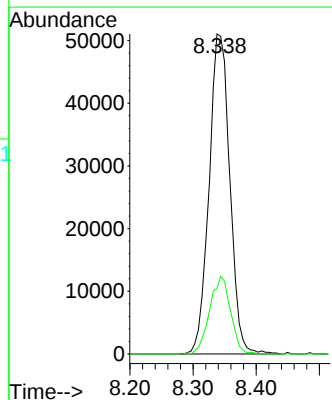
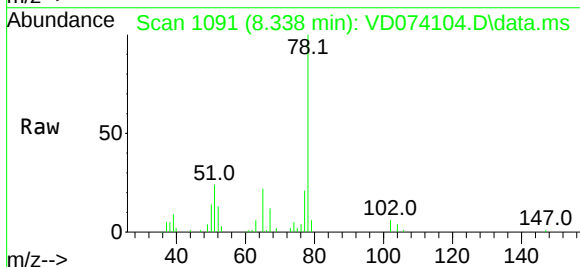
Acq: 16 Aug 2022 16:25

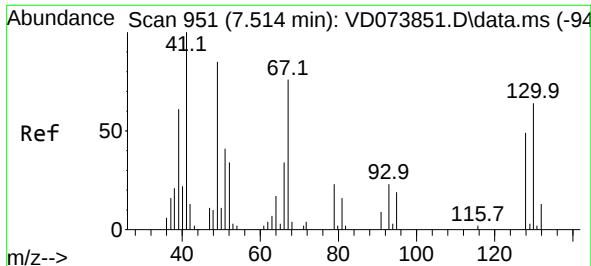
Tgt Ion: 78 Resp: 116519

Ion Ratio Lower Upper

78 100

77 20.5 19.1 28.7

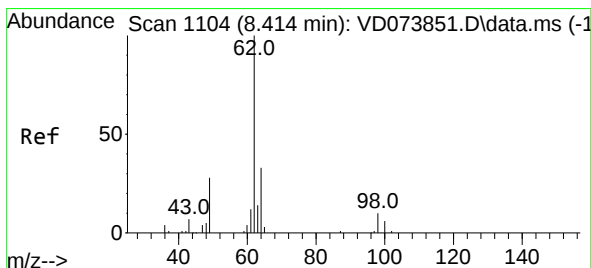
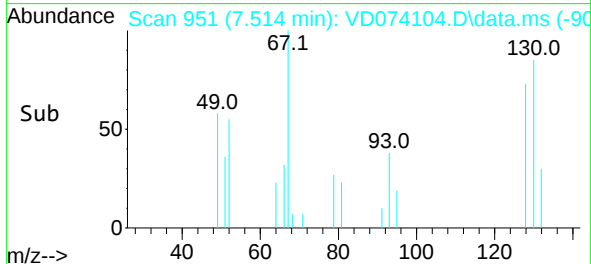
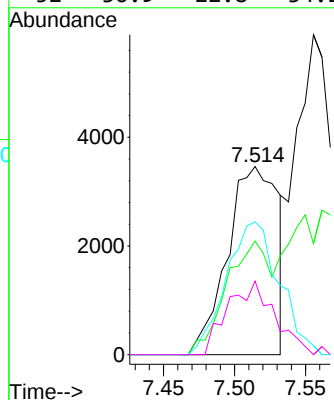
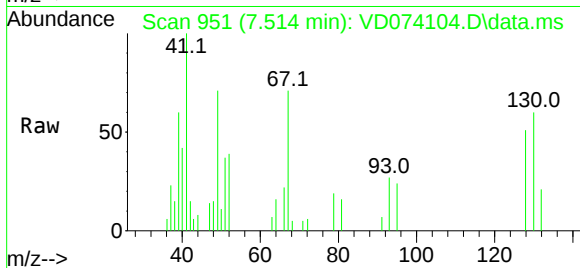




#41
Methacrylonitrile
Concen: 23.325 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

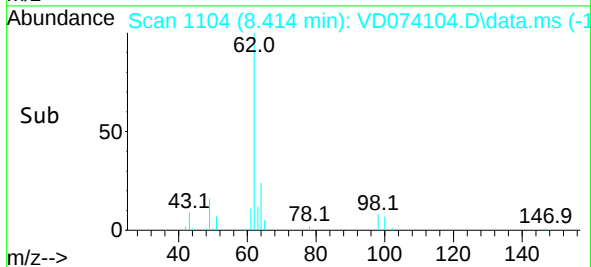
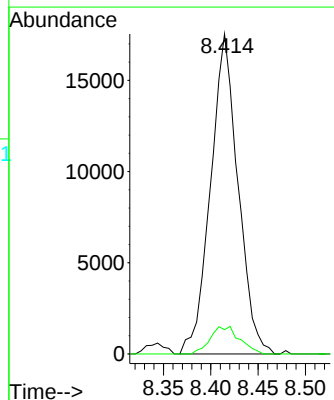
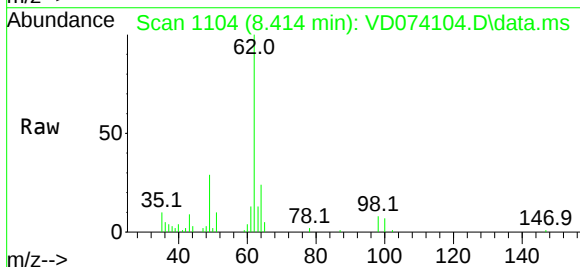
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

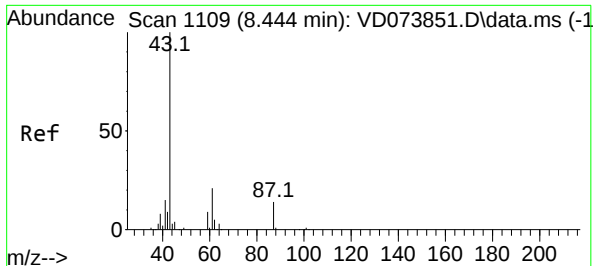
Tgt Ion:	41	Resp:	8544
Ion	Ratio	Lower	Upper
41	100		
39	51.9	44.6	67.0
67	74.1	48.2	72.4#
52	36.9	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 22.664 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:	62	Resp:	35365
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.6





#43

Isopropyl Acetate

Concen: 22.346 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

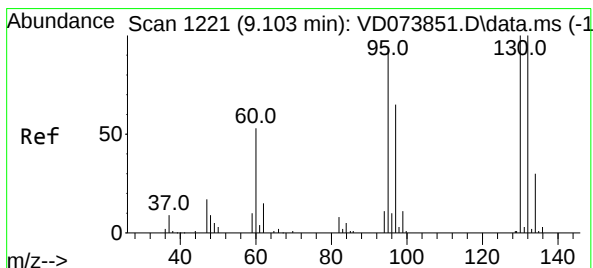
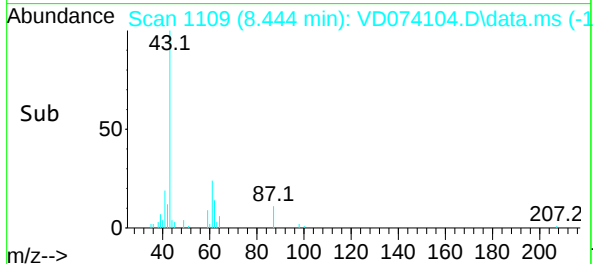
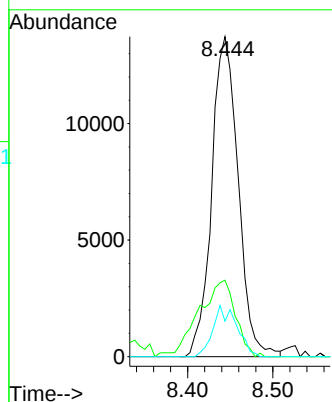
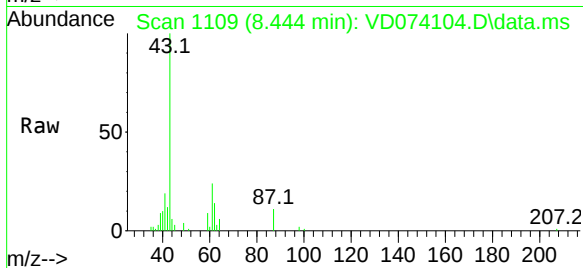
Tgt Ion: 43 Resp: 29729

Ion Ratio Lower Upper

43 100

61 32.9 22.4 33.6

87 14.4 8.7 13.1#



#44

Trichloroethene

Concen: 22.017 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.005 min

Lab File: VD074104.D

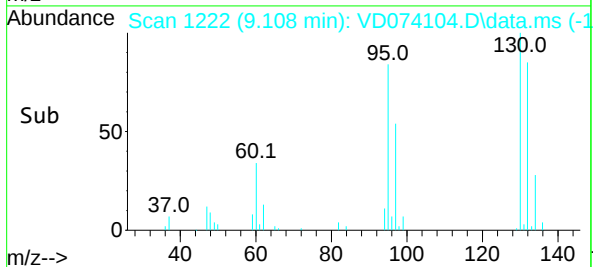
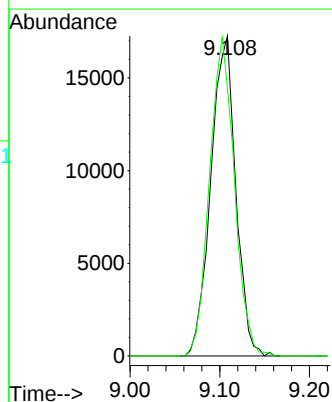
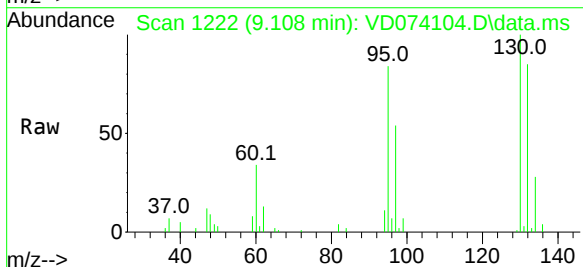
Acq: 16 Aug 2022 16:25

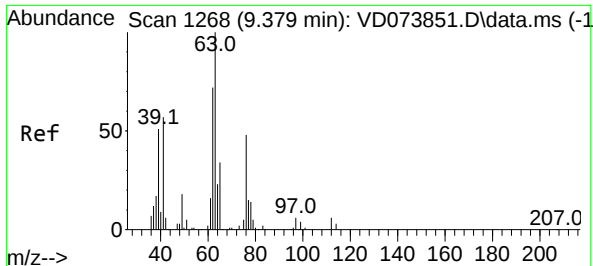
Tgt Ion:130 Resp: 33300

Ion Ratio Lower Upper

130 100

95 84.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.048 ug/l

RT: 9.379 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

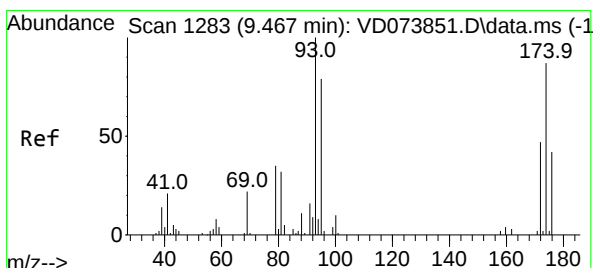
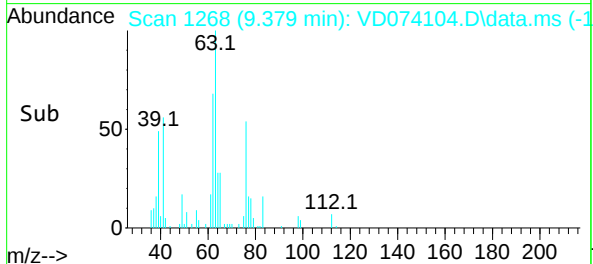
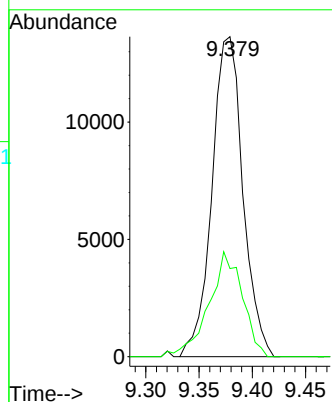
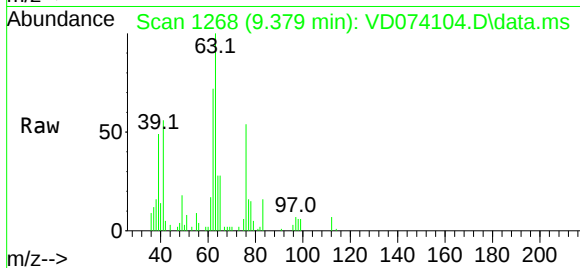
VD0816SBS01

Tgt Ion: 63 Resp: 27587

Ion Ratio Lower Upper

63 100

65 27.5 26.2 39.4



#46

Dibromomethane

Concen: 22.888 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

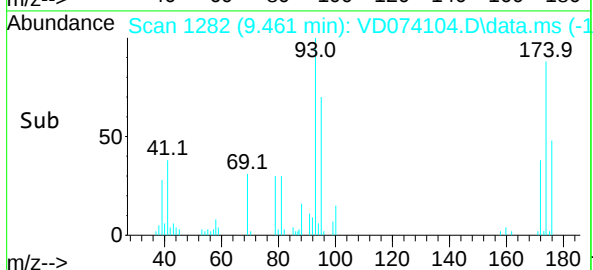
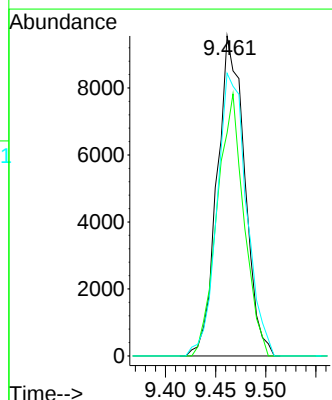
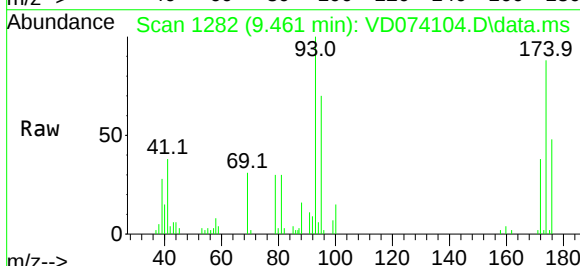
Tgt Ion: 93 Resp: 18153

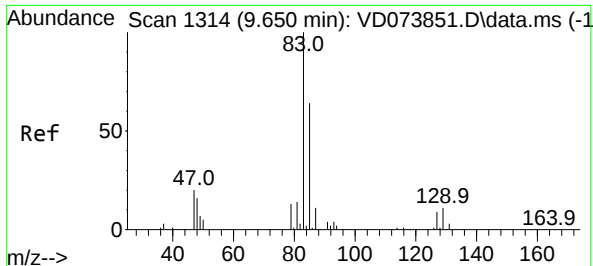
Ion Ratio Lower Upper

93 100

95 79.8 66.7 100.1

174 94.7 71.6 107.4





#47

Bromodichloromethane

Concen: 22.394 ug/l

RT: 9.656 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

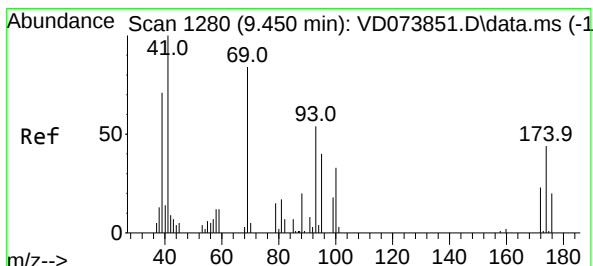
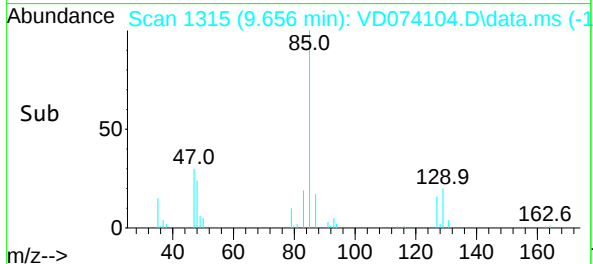
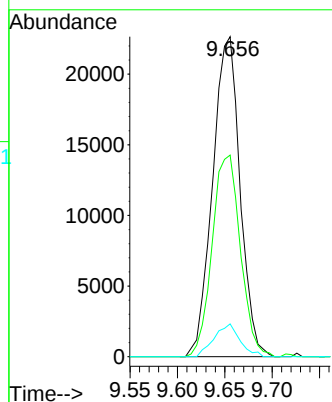
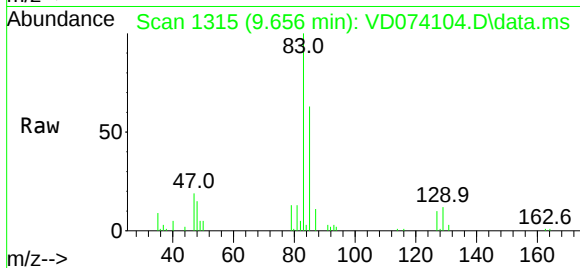
Tgt Ion: 83 Resp: 45660

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 10.2 6.1 9.1#



#48

Methyl methacrylate

Concen: 18.938 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

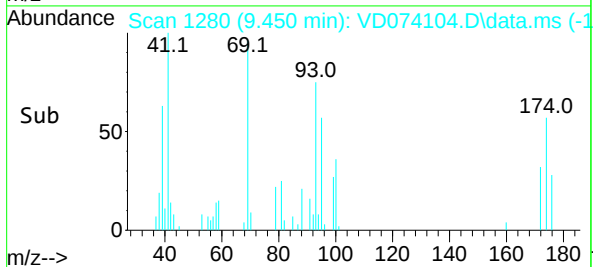
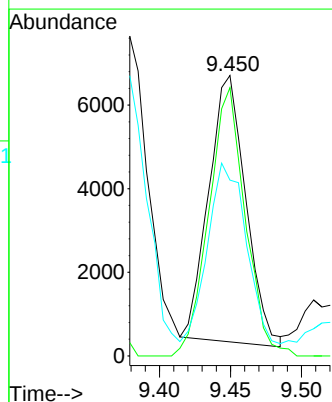
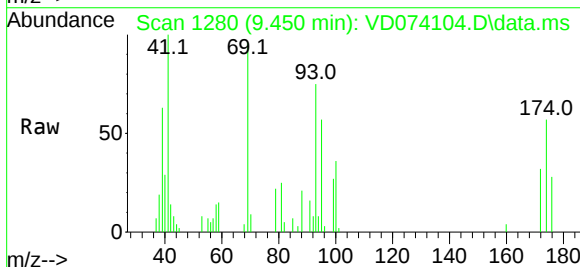
Tgt Ion: 41 Resp: 11519

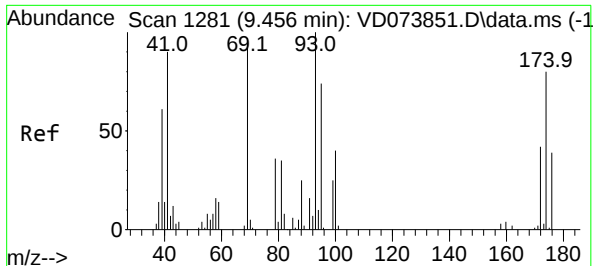
Ion Ratio Lower Upper

41 100

69 99.5 56.7 85.1#

39 72.2 42.7 64.1#





#49

1,4-Dioxane

Concen: 468.653 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

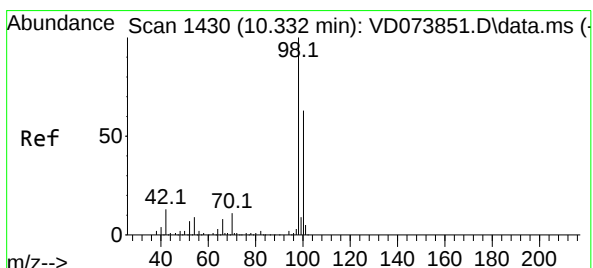
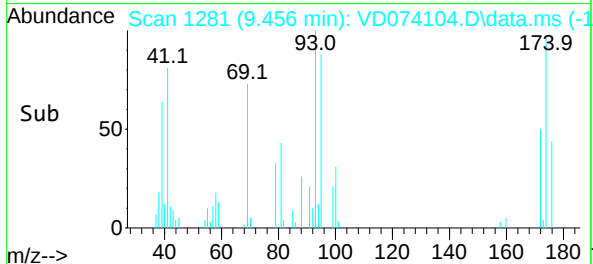
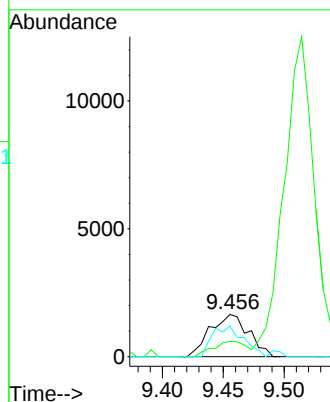
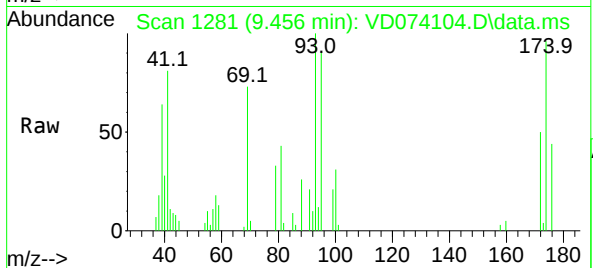
Tgt Ion: 88 Resp: 3616

Ion Ratio Lower Upper

88 100

43 32.0 31.0 46.4

58 59.0 58.1 87.1



#50

Toluene-d8

Concen: 42.074 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074104.D

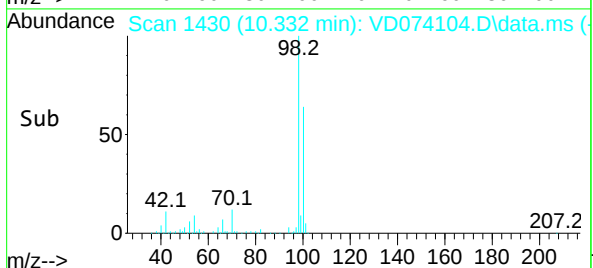
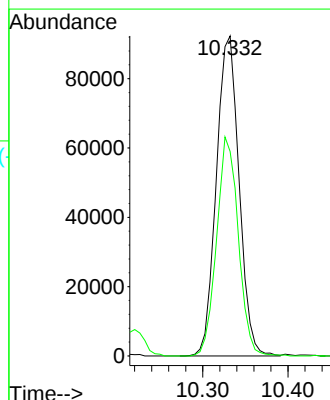
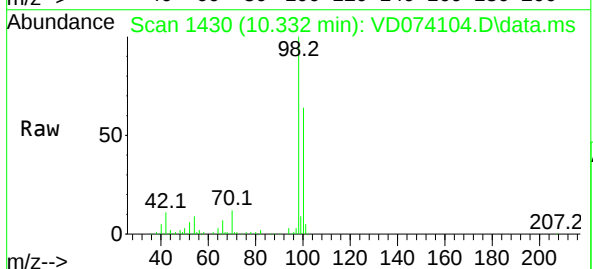
Acq: 16 Aug 2022 16:25

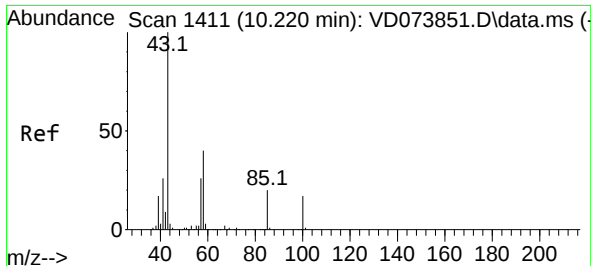
Tgt Ion: 98 Resp: 171221

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6

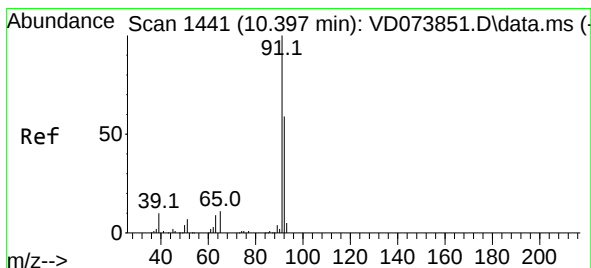
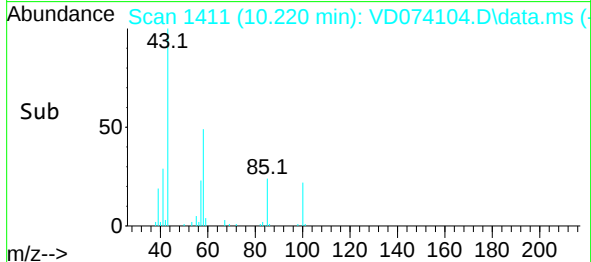
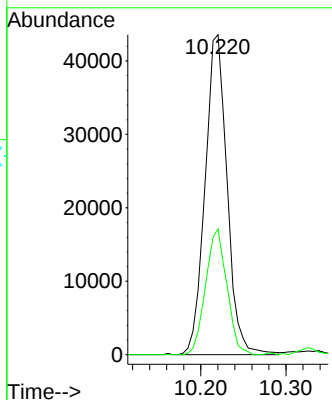
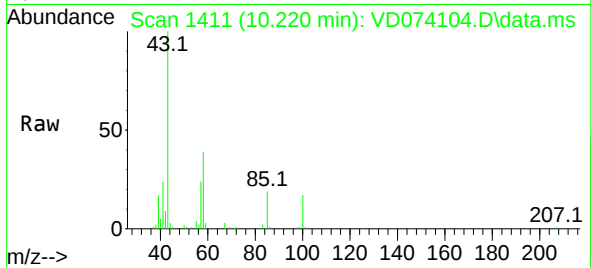




#51
4-Methyl-2-Pentanone
Concen: 115.098 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

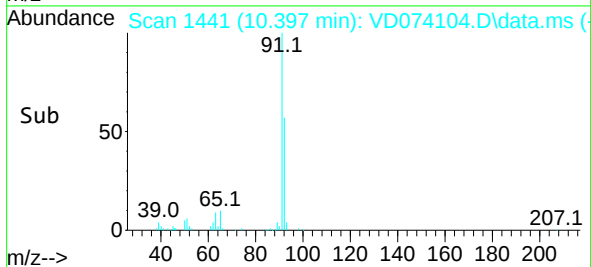
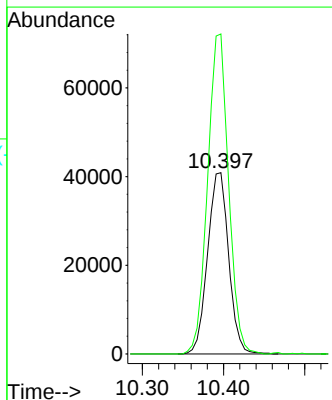
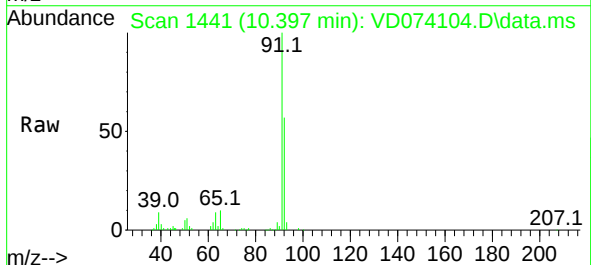
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

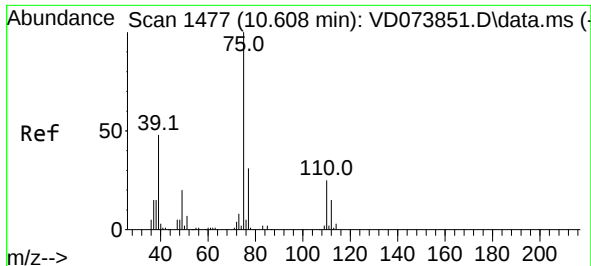
Tgt Ion: 43 Resp: 78396
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0



#52
Toluene
Concen: 21.827 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 92 Resp: 73720
Ion Ratio Lower Upper
92 100
91 175.3 139.6 209.4

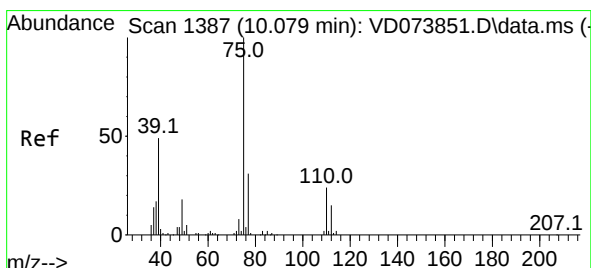
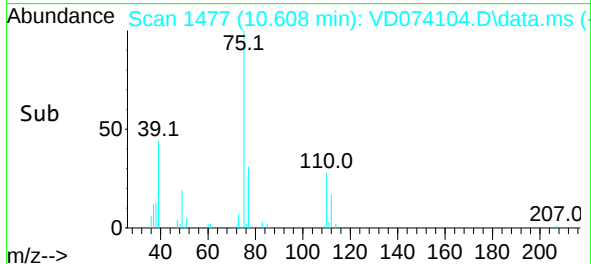
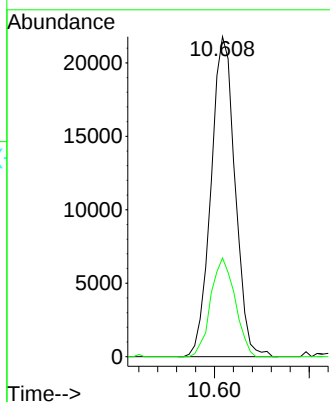
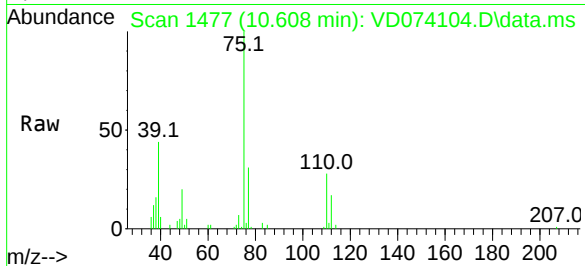




#53
t-1,3-Dichloropropene
Concen: 22.068 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

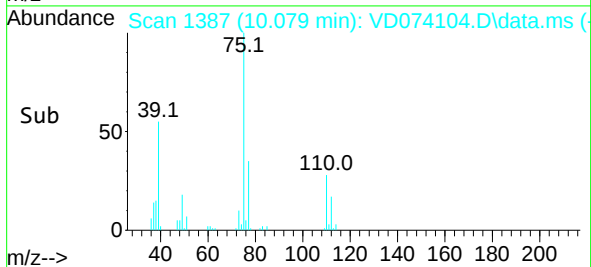
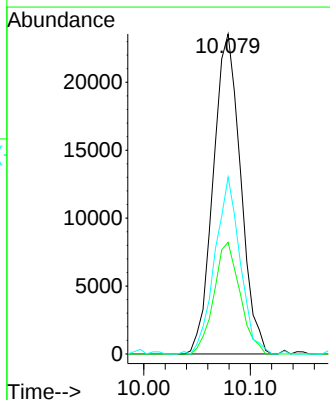
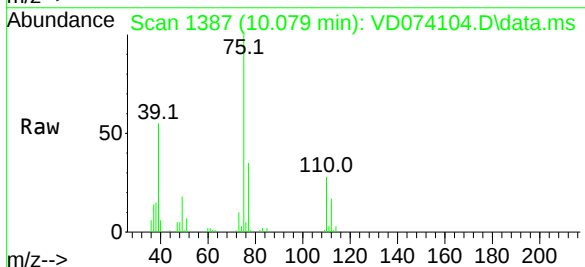
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

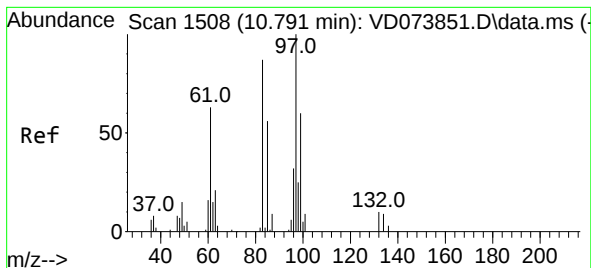
Tgt Ion: 75 Resp: 38351
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.915 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 75 Resp: 42030
Ion Ratio Lower Upper
75 100
77 34.9 24.8 37.2
39 55.3 46.8 70.2

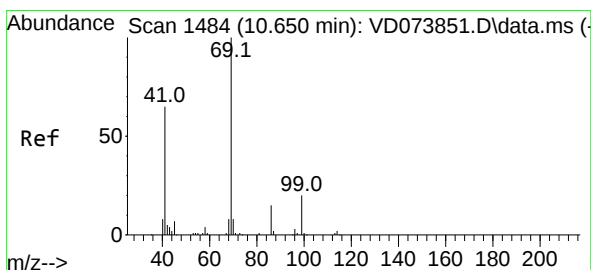
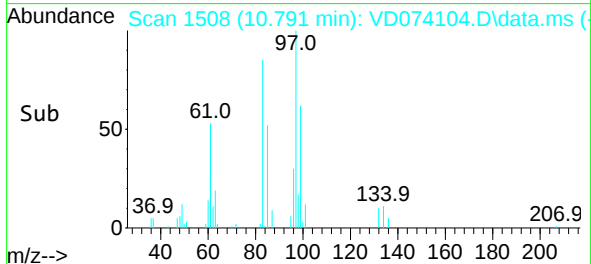
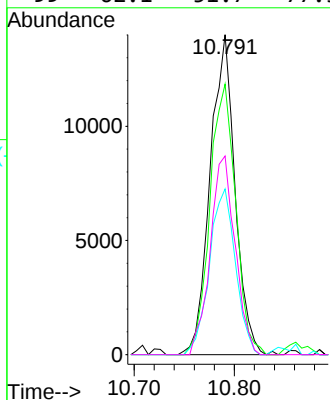
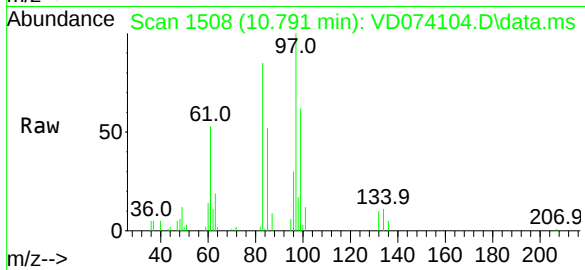




#55
1,1,2-Trichloroethane
Concen: 22.887 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

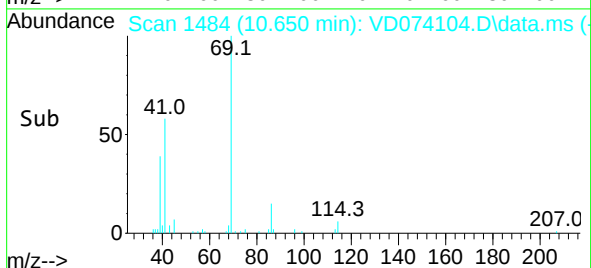
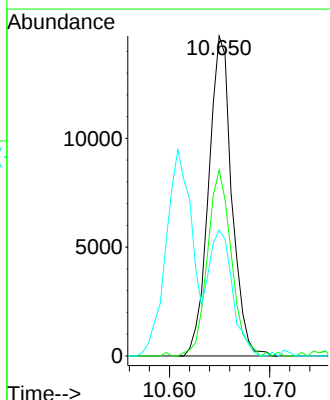
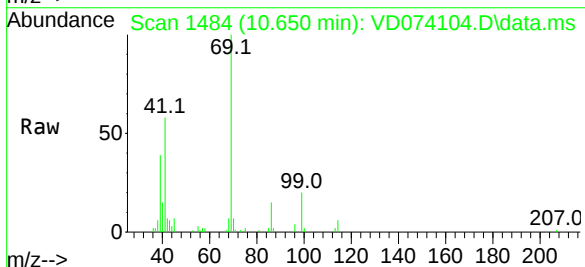
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

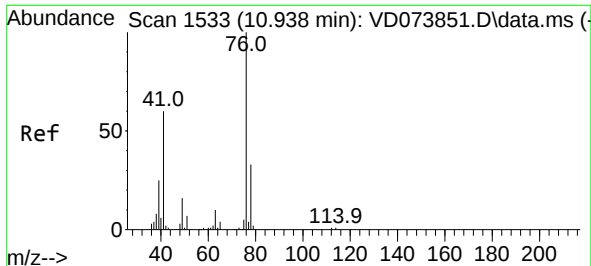
Tgt Ion:	97	Resp:	24158
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.0	103.4
85	51.8	42.6	63.8
99	62.1	51.7	77.5



#56
Ethyl methacrylate
Concen: 22.004 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:	69	Resp:	23617
Ion	Ratio	Lower	Upper
69	100		
41	60.0	63.0	94.6#
39	40.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 22.399 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

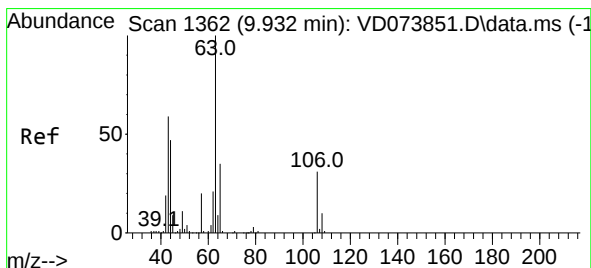
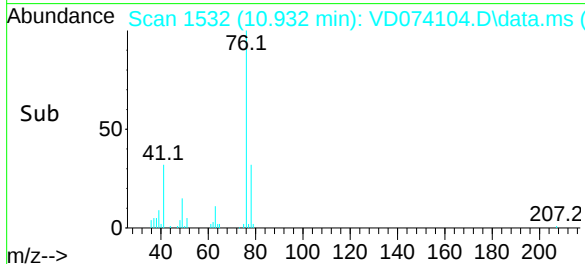
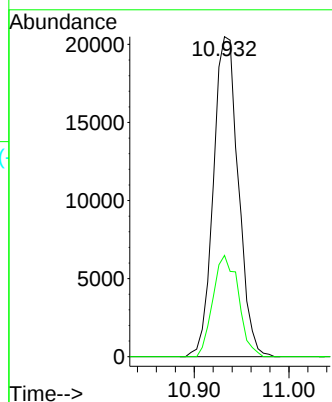
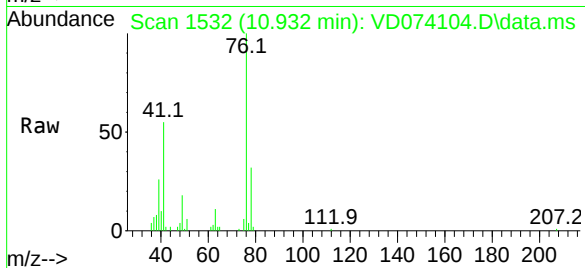
VD0816SBS01

Tgt Ion: 76 Resp: 37476

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 109.951 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074104.D

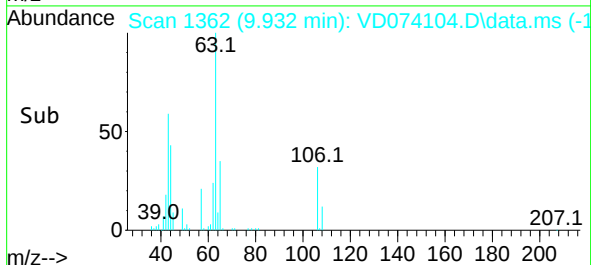
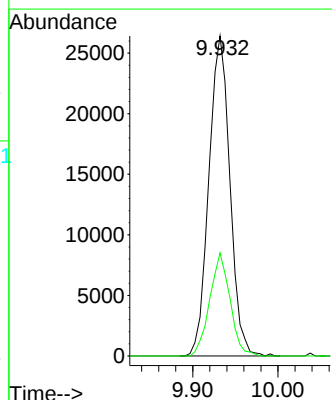
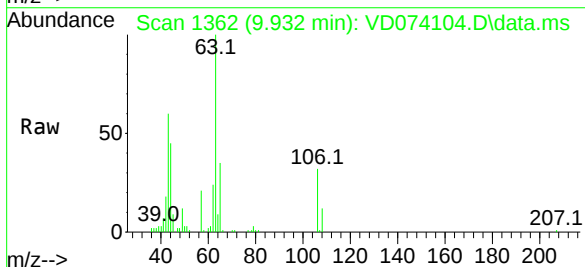
Acq: 16 Aug 2022 16:25

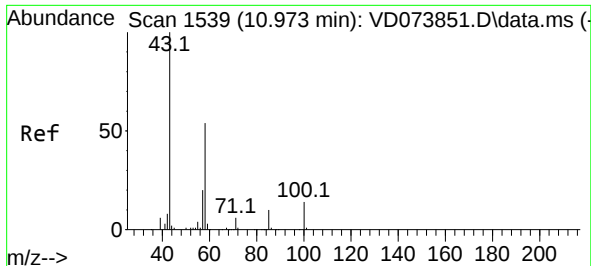
Tgt Ion: 63 Resp: 45302

Ion Ratio Lower Upper

63 100

106 31.0 21.4 32.0

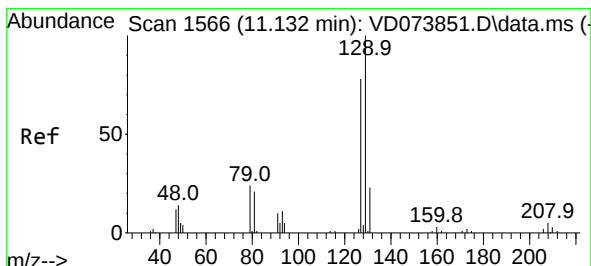
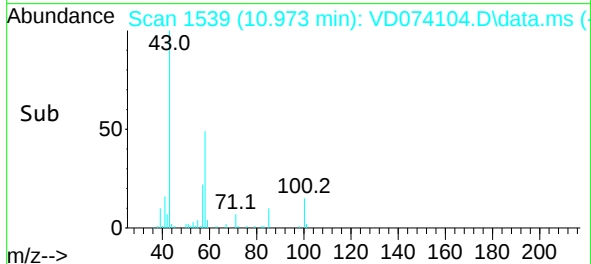
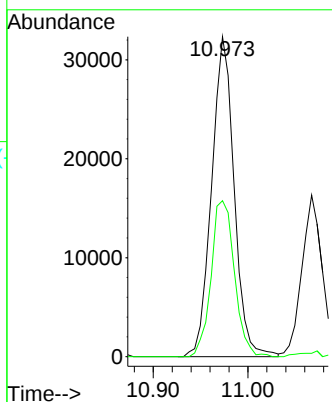
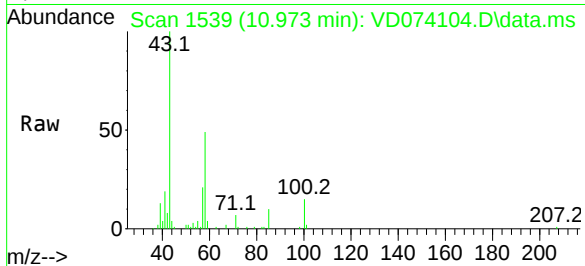




#59
2-Hexanone
Concen: 114.762 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

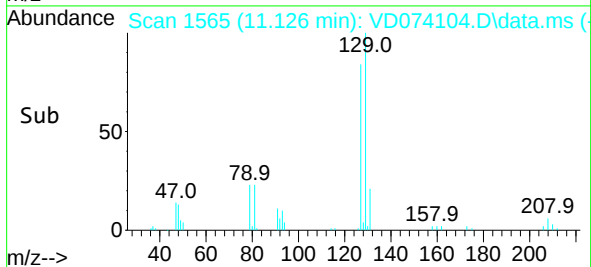
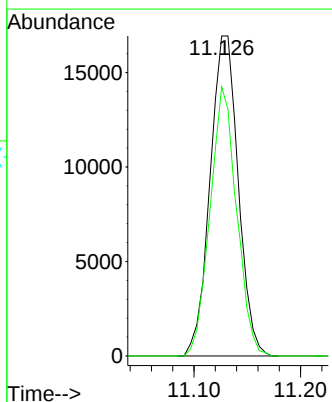
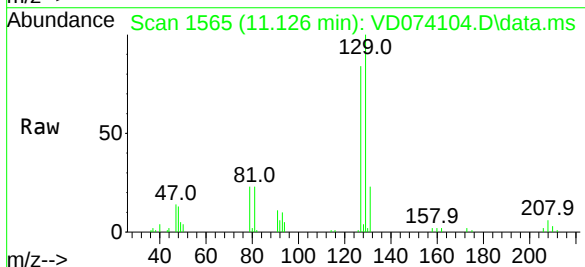
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

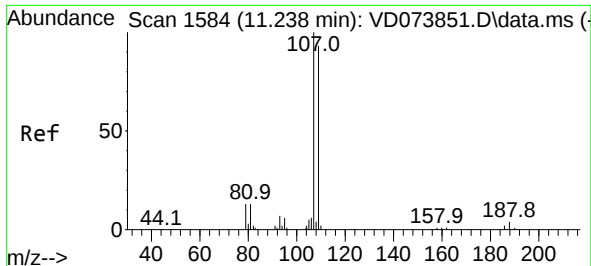
Tgt Ion: 43 Resp: 53454
Ion Ratio Lower Upper
43 100
58 50.6 25.3 75.9



#60
Dibromochloromethane
Concen: 21.790 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 129 Resp: 31099
Ion Ratio Lower Upper
129 100
127 79.3 39.2 117.6

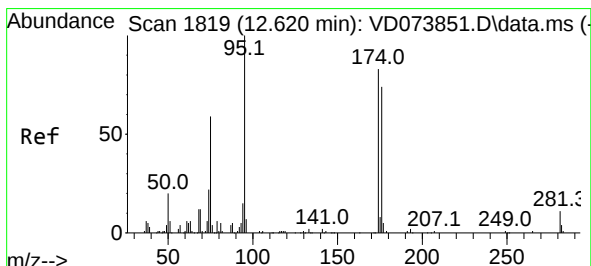
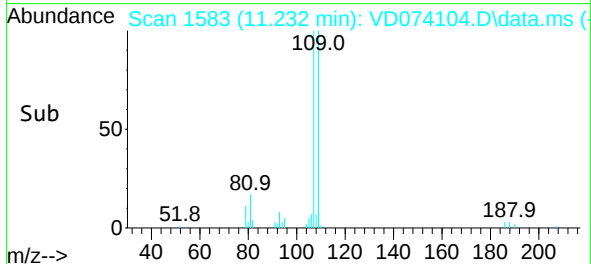
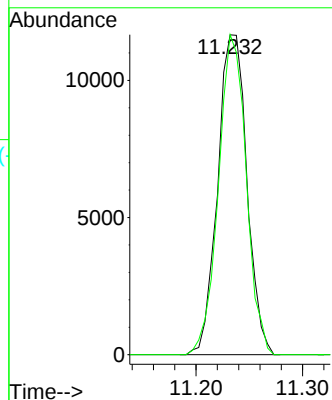
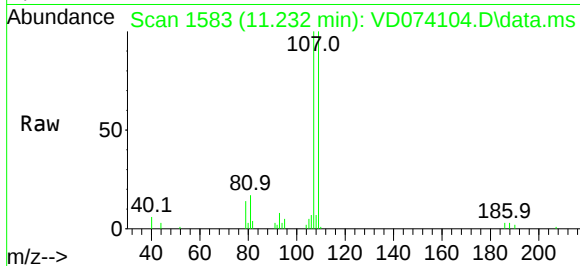




#61
1,2-Dibromoethane
Concen: 21.708 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

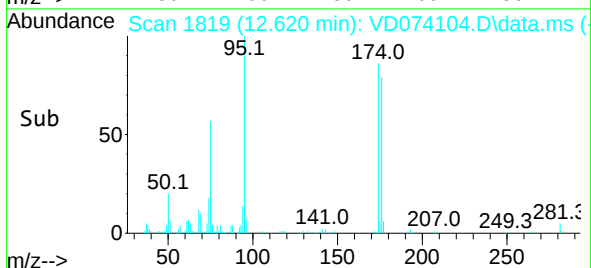
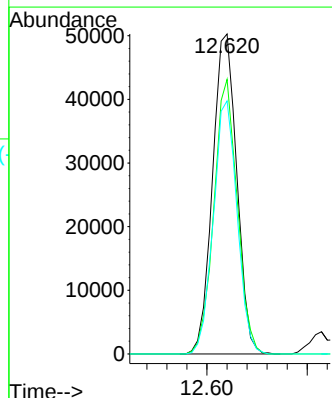
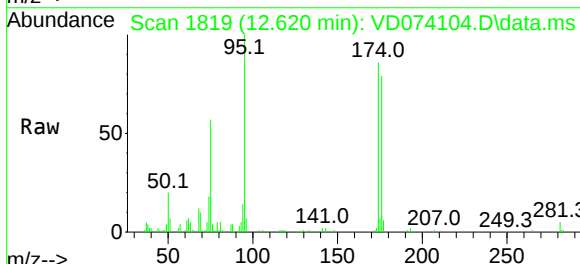
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

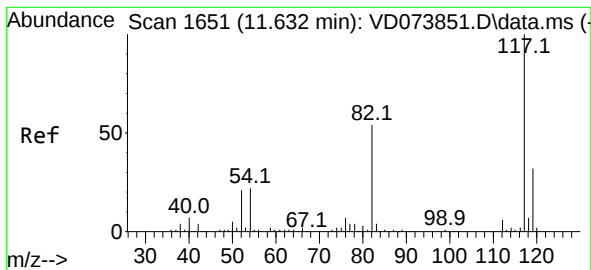
Tgt Ion:107 Resp: 22252
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.217 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 95 Resp: 84389
Ion Ratio Lower Upper
95 100
174 82.7 0.0 152.8
176 77.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

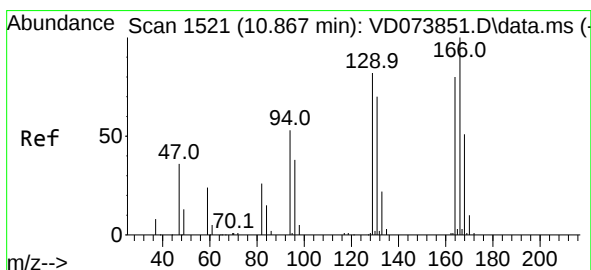
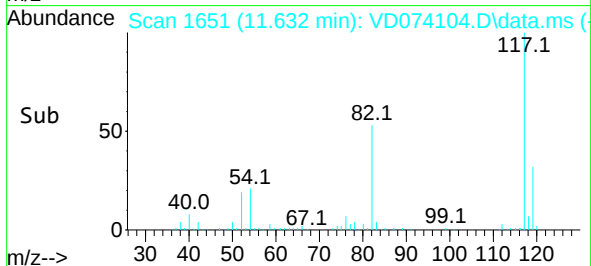
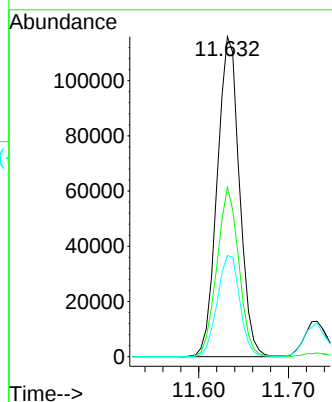
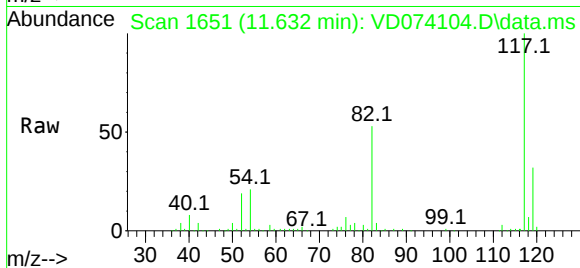
Tgt Ion:117 Resp: 199342

Ion Ratio Lower Upper

117 100

82 53.0 45.3 67.9

119 31.6 26.6 40.0



#64

Tetrachloroethene

Concen: 20.793 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Tgt Ion:164 Resp: 26224

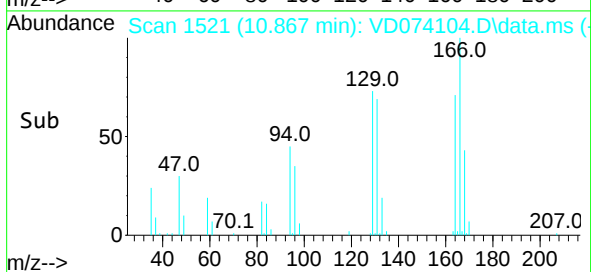
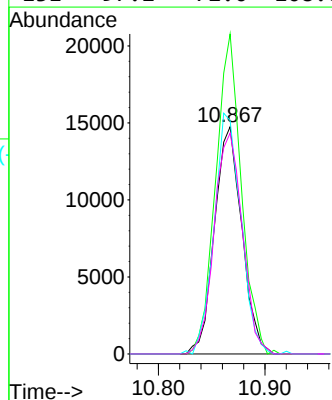
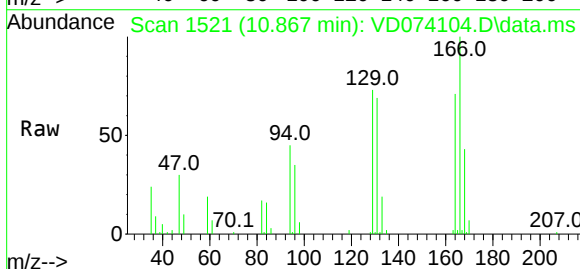
Ion Ratio Lower Upper

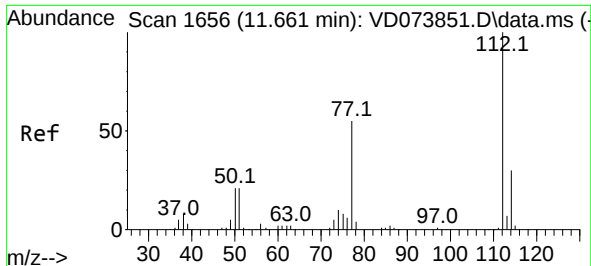
164 100

166 140.8 98.5 147.7

129 102.7 74.6 111.8

131 97.2 72.0 108.0

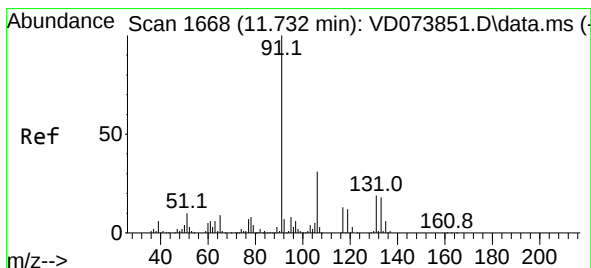
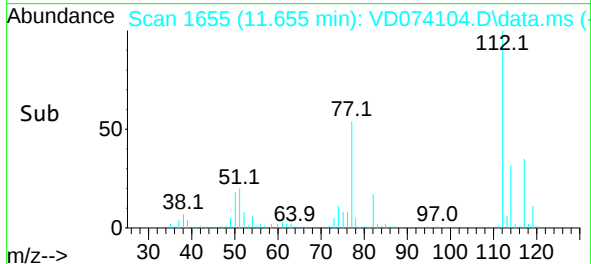
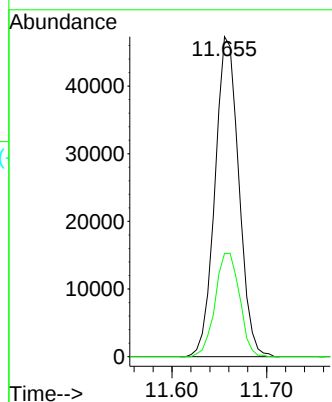
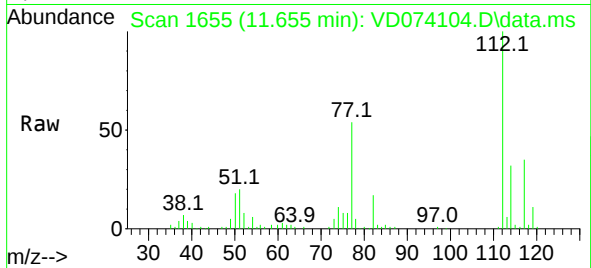




#65
Chlorobenzene
Concen: 21.196 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

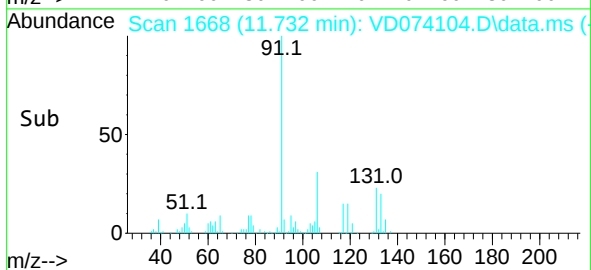
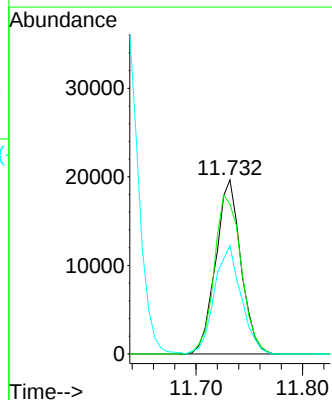
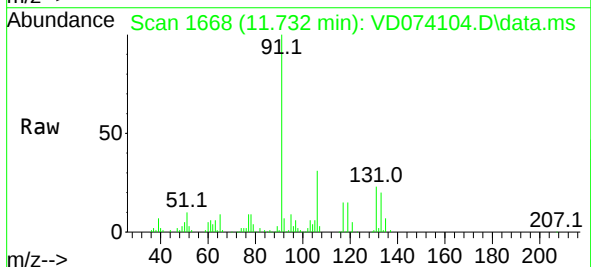
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

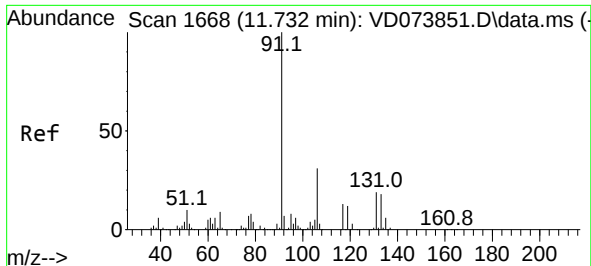
Tgt Ion:112 Resp: 82656
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.044 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:131 Resp: 32254
Ion Ratio Lower Upper
131 100
133 97.9 48.1 144.3
119 65.9 31.9 95.9

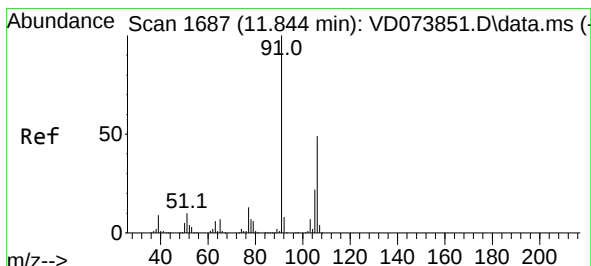
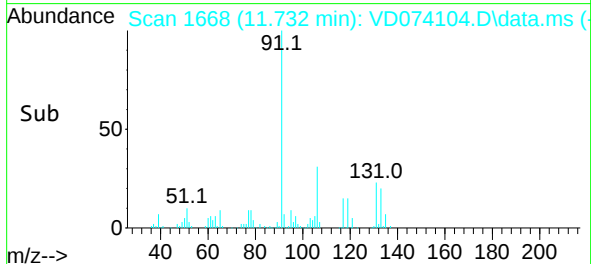
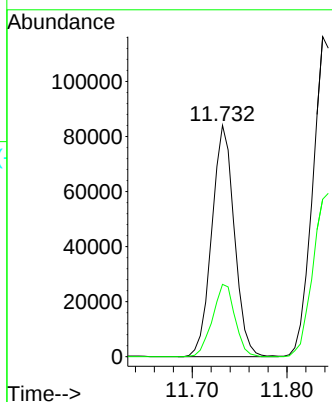
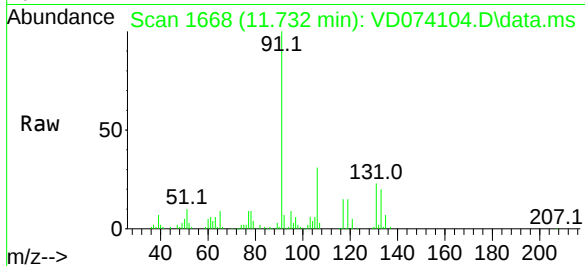




#67
Ethyl Benzene
Concen: 20.788 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

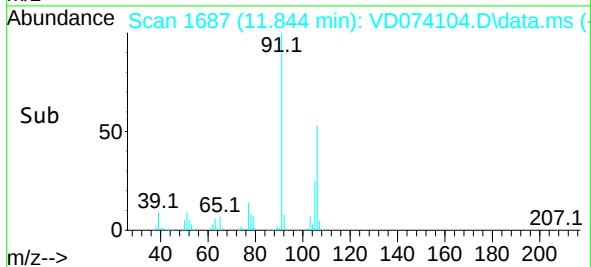
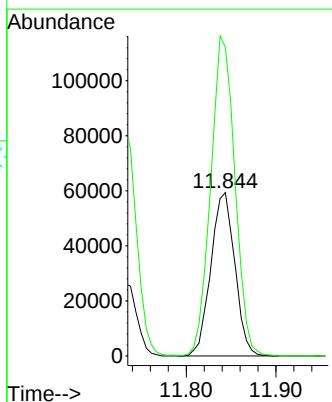
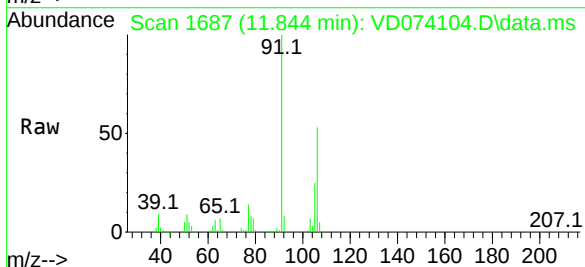
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

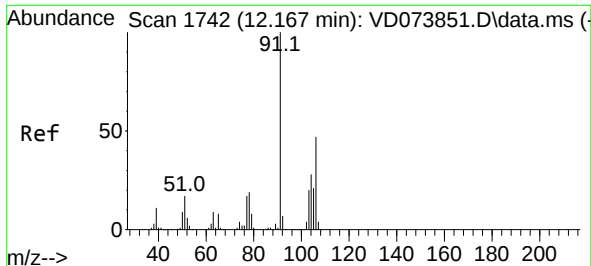
Tgt Ion: 91 Resp: 138782
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 41.148 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 106 Resp: 110292
Ion Ratio Lower Upper
106 100
91 197.7 163.7 245.5

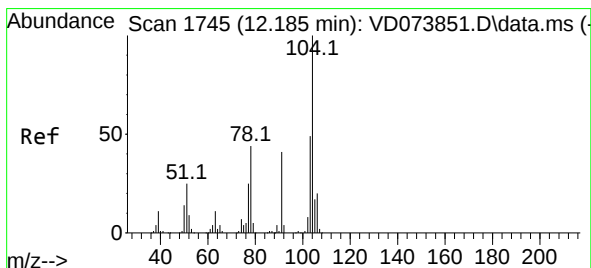
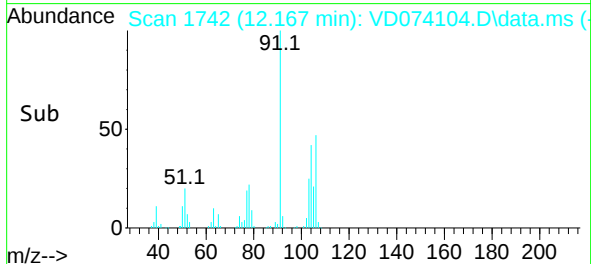
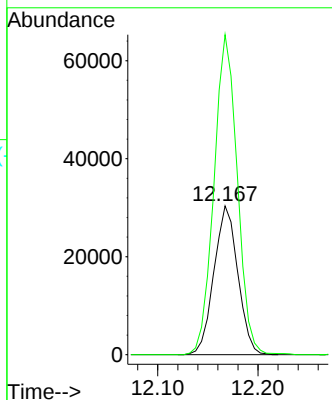
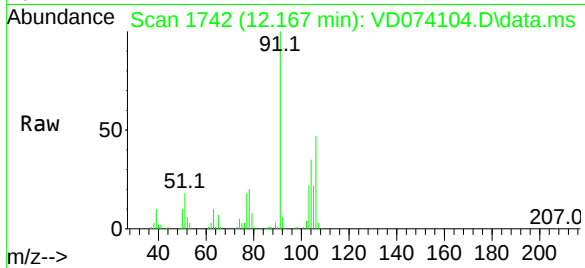




#69
o-Xylene
Concen: 20.564 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

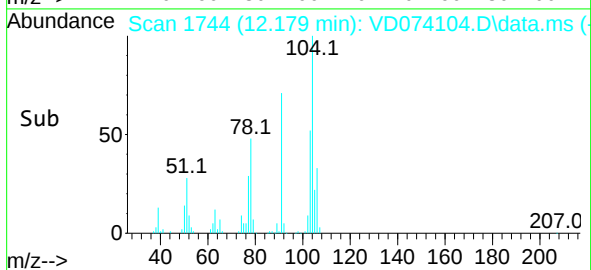
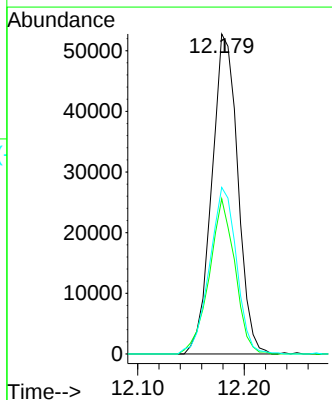
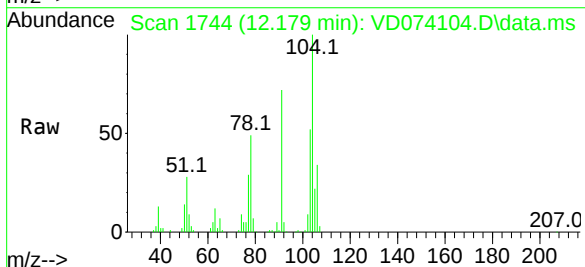
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

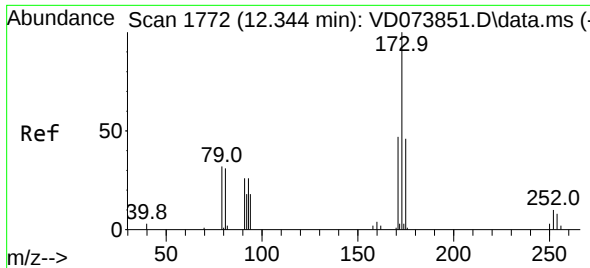
Tgt Ion:106 Resp: 50222
Ion Ratio Lower Upper
106 100
91 210.2 110.4 331.2



#70
Styrene
Concen: 20.989 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:104 Resp: 89372
Ion Ratio Lower Upper
104 100
78 47.7 41.8 62.8
103 54.0 44.2 66.4

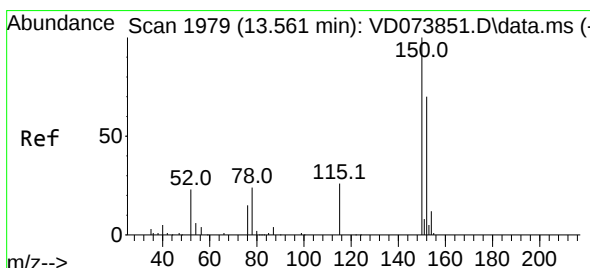
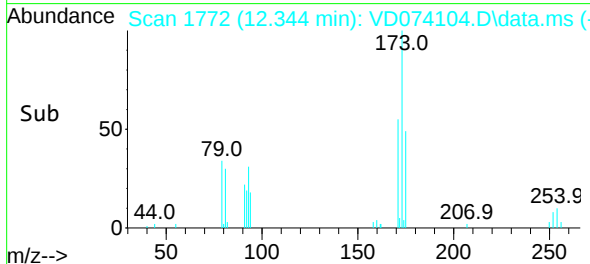
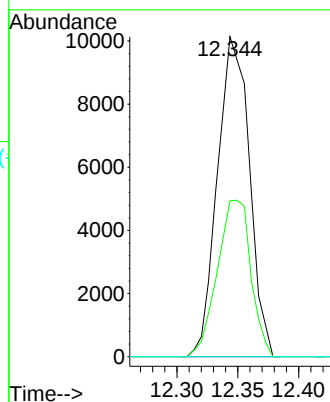
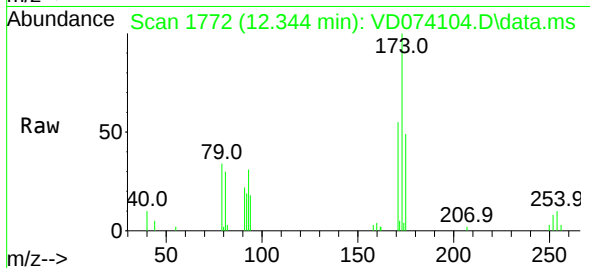




#71
Bromoform
Concen: 23.042 ug/l
RT: 12.344 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

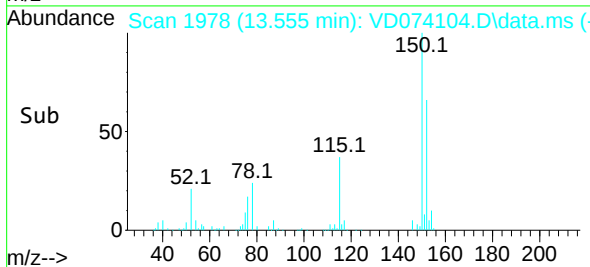
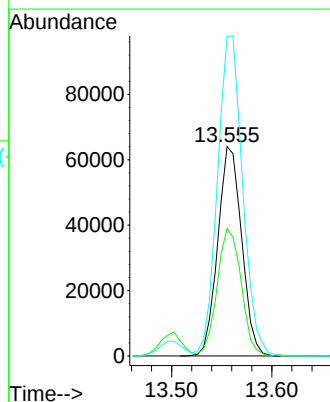
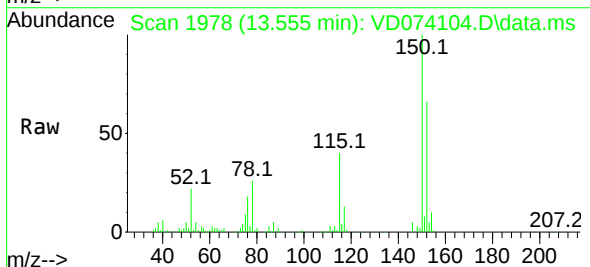
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

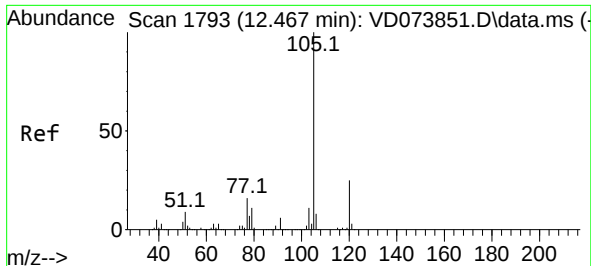
Tgt Ion:173 Resp: 18503
Ion Ratio Lower Upper
173 100
175 51.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:152 Resp: 105791
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 161.3 0.0 348.6

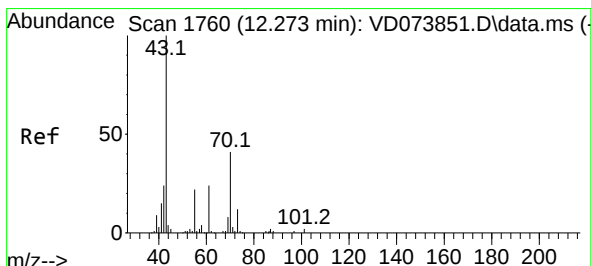
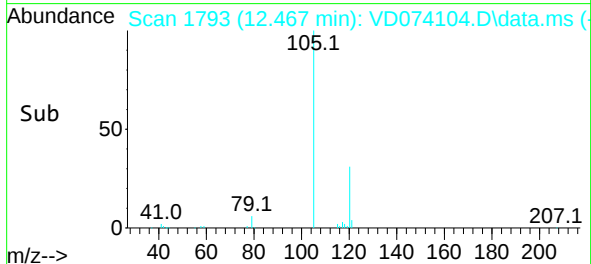
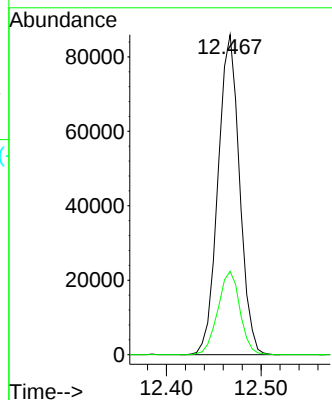
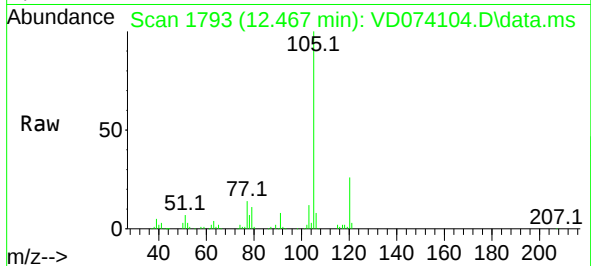




#73
Isopropylbenzene
Concen: 20.438 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

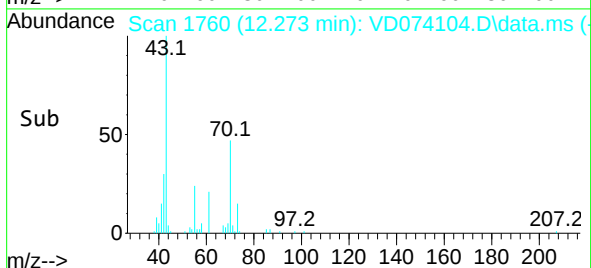
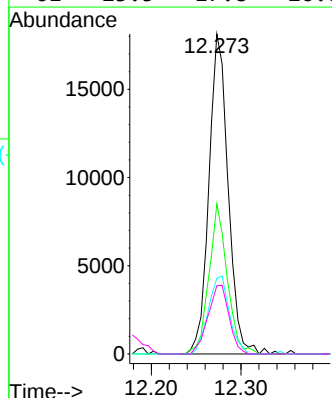
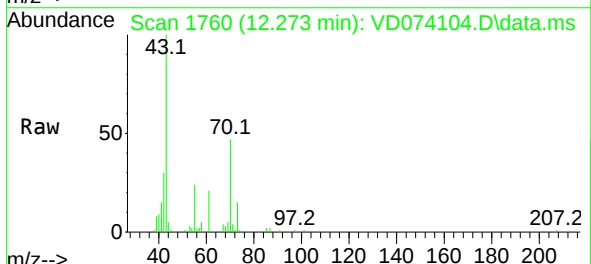
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

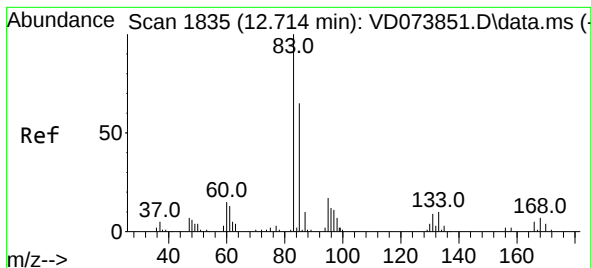
Tgt Ion:105 Resp: 135904
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 21.152 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 43 Resp: 27006
Ion Ratio Lower Upper
43 100
70 44.7 31.3 46.9
55 26.9 20.0 30.0
61 23.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.696 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

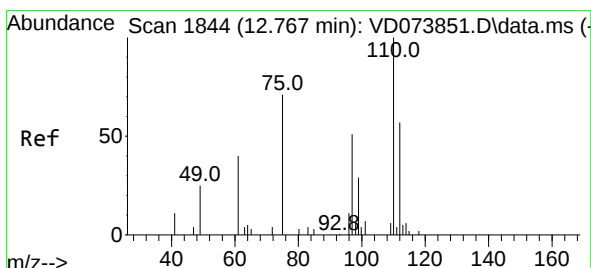
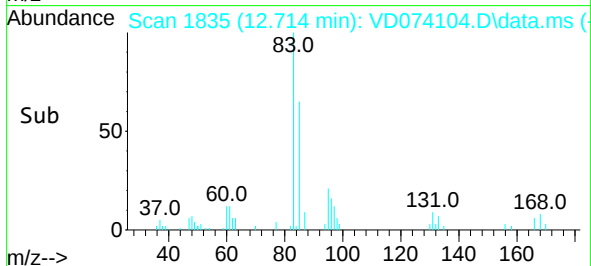
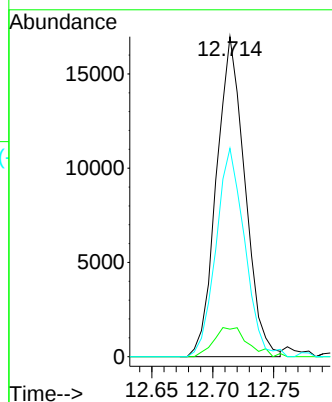
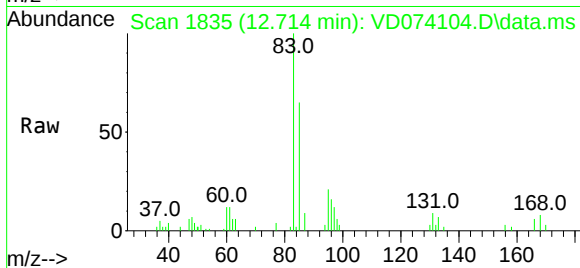
Tgt Ion: 83 Resp: 27616

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 65.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 34.952 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD074104.D

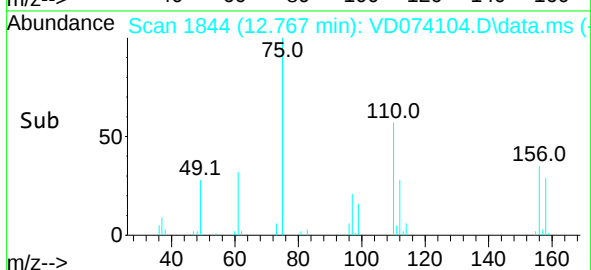
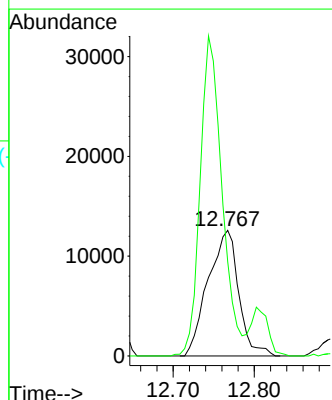
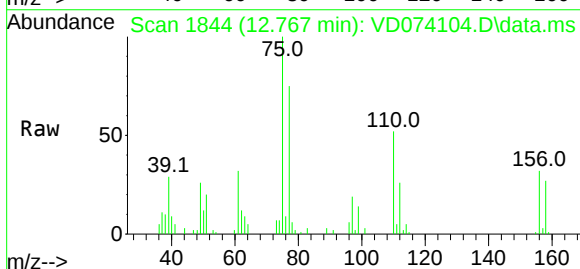
Acq: 16 Aug 2022 16:25

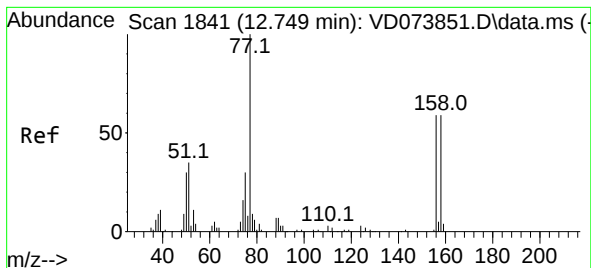
Tgt Ion: 75 Resp: 32949

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.863 ug/l

RT: 12.744 min Scan# 1840

Delta R.T. -0.005 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

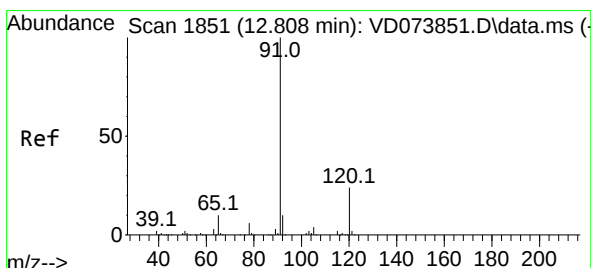
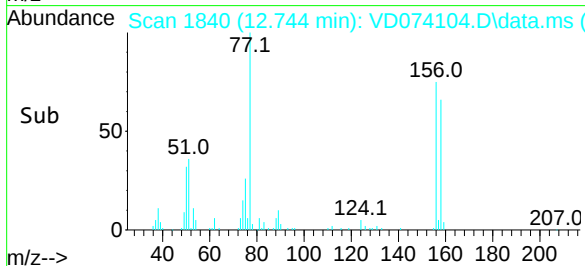
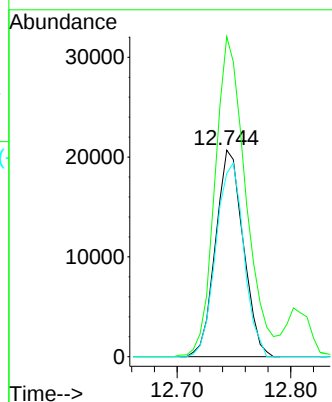
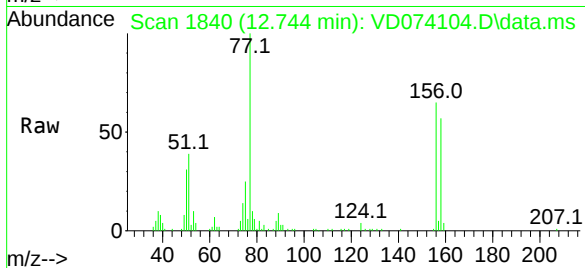
Tgt Ion:156 Resp: 35105

Ion Ratio Lower Upper

156 100

77 170.6 102.8 308.3

158 94.5 48.7 146.1



#78

n-propylbenzene

Concen: 20.647 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD074104.D

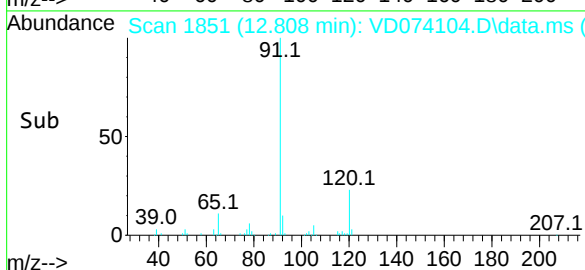
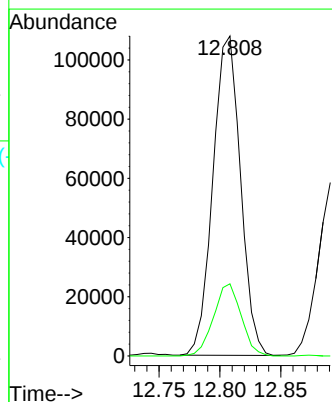
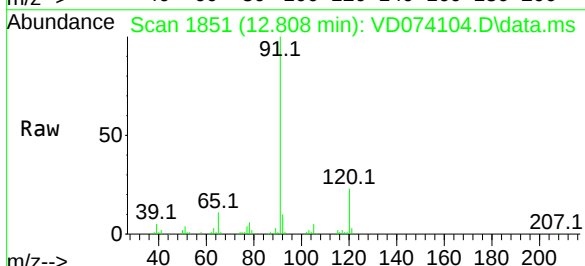
Acq: 16 Aug 2022 16:25

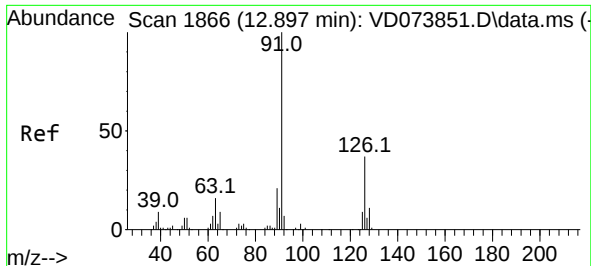
Tgt Ion: 91 Resp: 170035

Ion Ratio Lower Upper

91 100

120 22.6 10.9 32.9

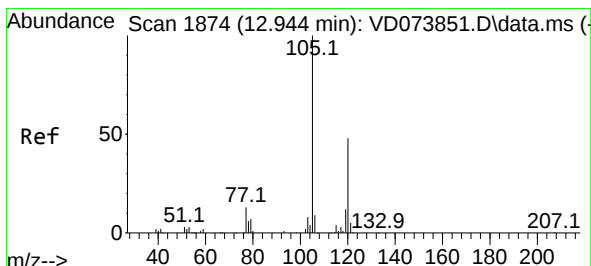
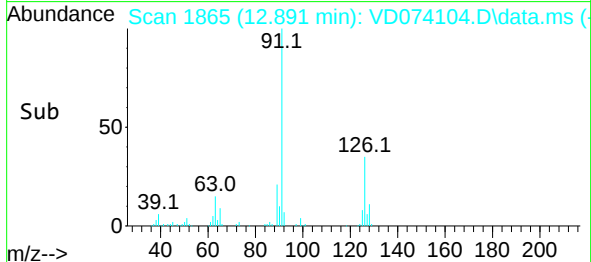
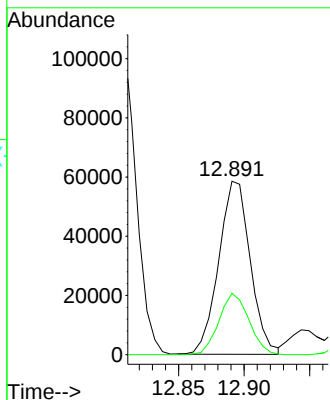
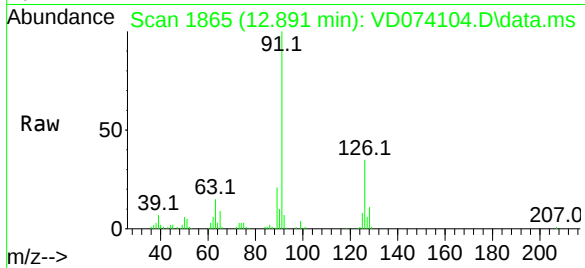




#79
2-Chlorotoluene
Concen: 20.933 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

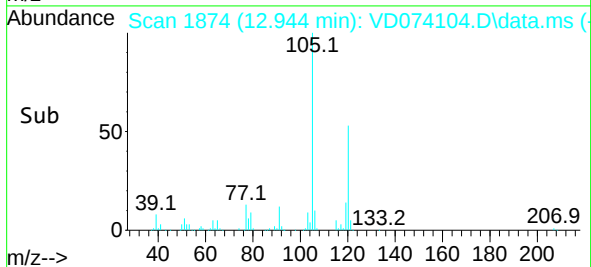
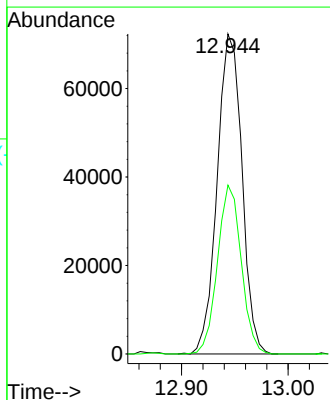
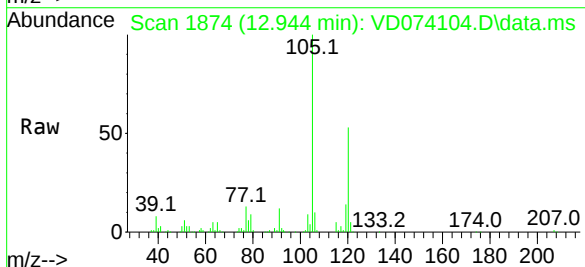
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

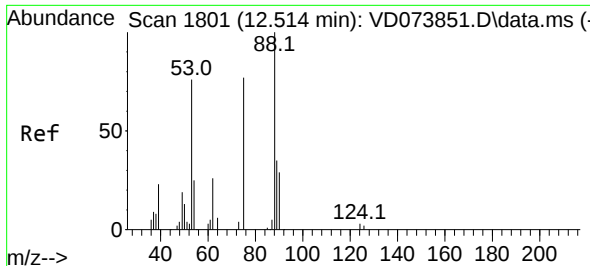
Tgt Ion: 91 Resp: 97931
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.576 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 105 Resp: 116793
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.8

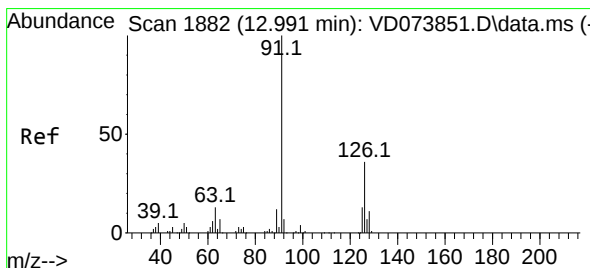
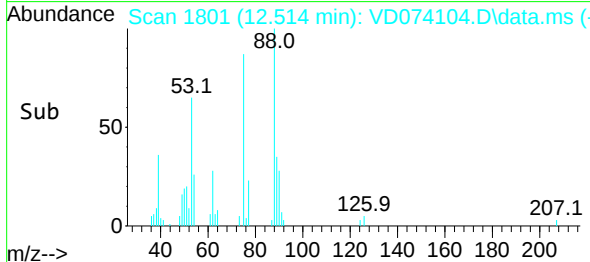
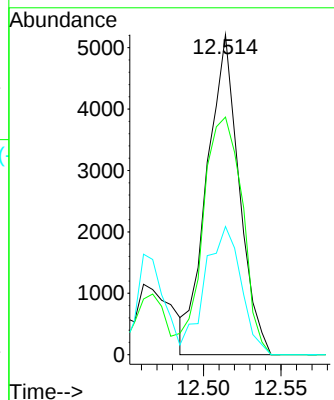
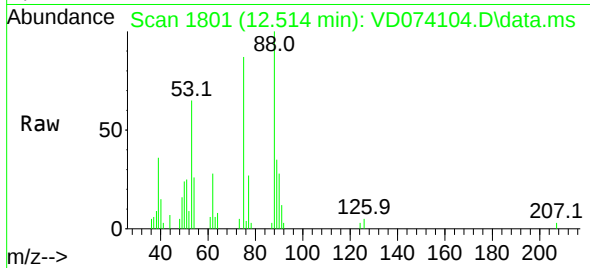




#81
trans-1,4-Dichloro-2-butene
Concen: 22.259 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

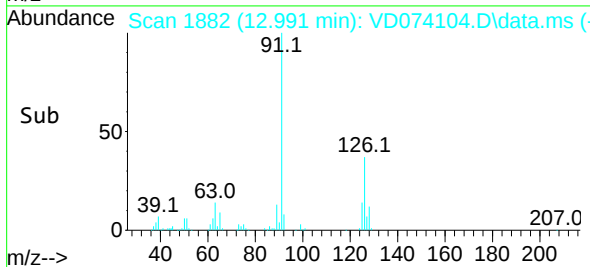
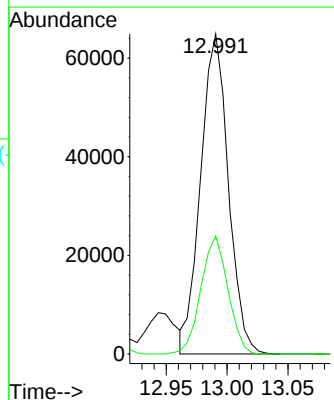
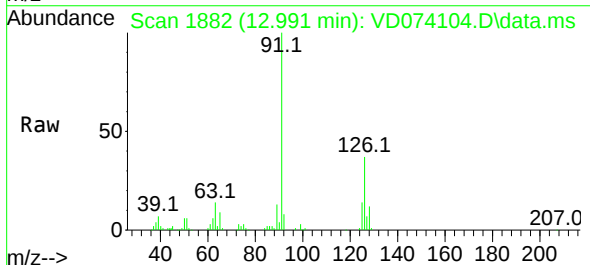
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

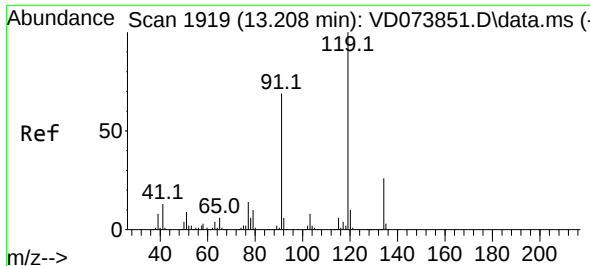
Tgt Ion: 75 Resp: 7524
Ion Ratio Lower Upper
75 100
53 91.0 86.5 129.7
89 44.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.711 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 91 Resp: 102651
Ion Ratio Lower Upper
91 100
126 35.9 16.5 49.5

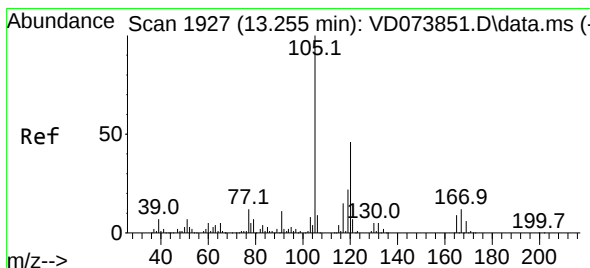
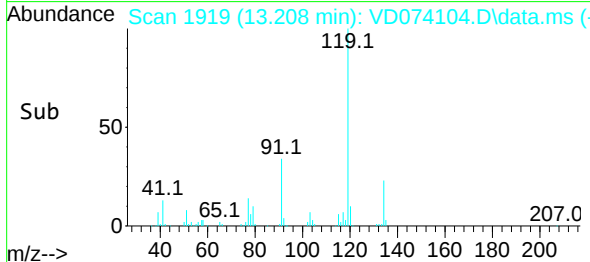
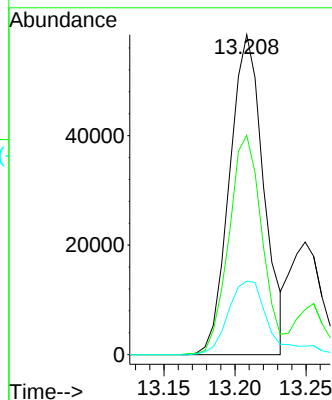
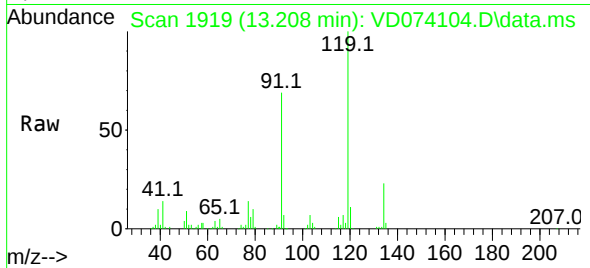




#83
tert-Butylbenzene
Concen: 19.412 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

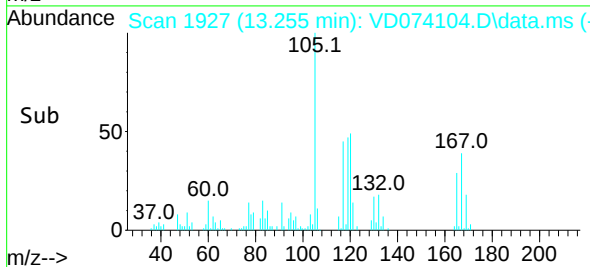
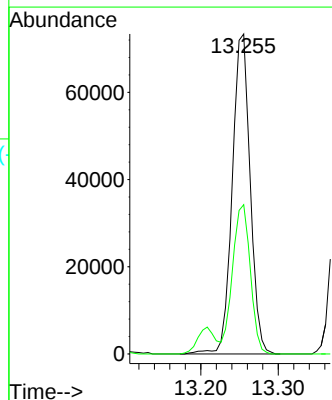
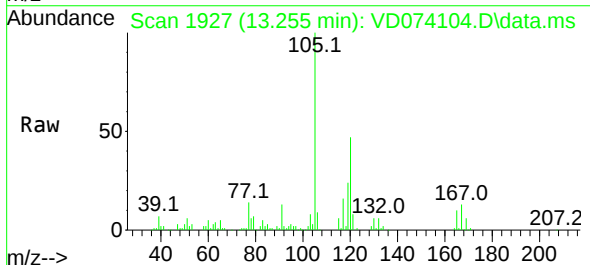
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

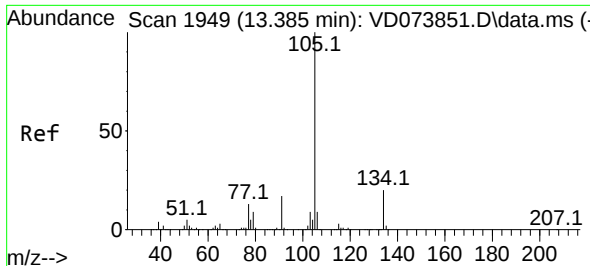
Tgt Ion:119 Resp: 97521
Ion Ratio Lower Upper
119 100
91 67.8 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.185 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:105 Resp: 117759
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.8

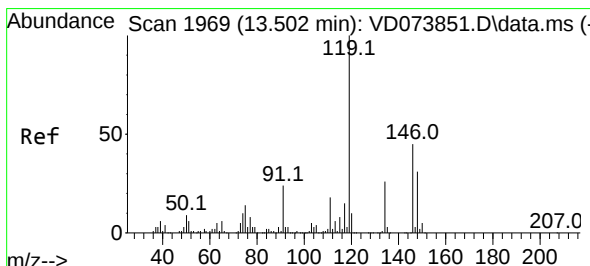
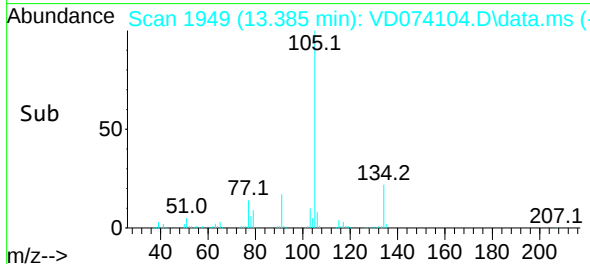
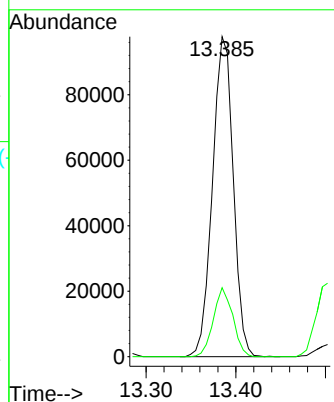
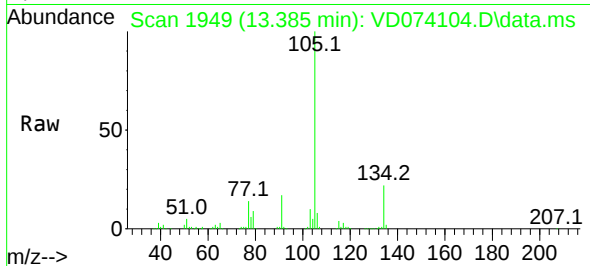




#85
 sec-Butylbenzene
 Concen: 20.346 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

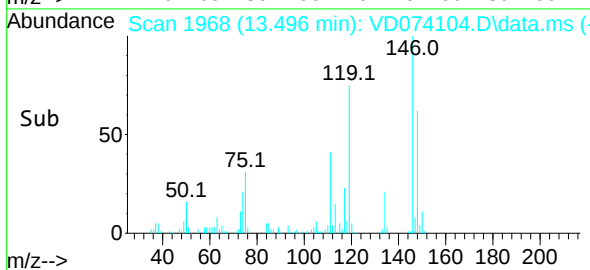
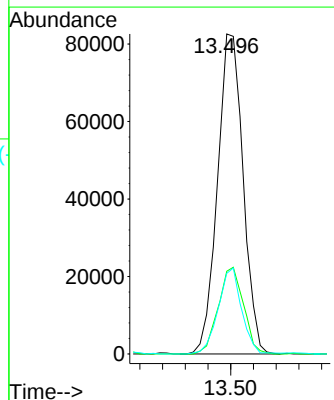
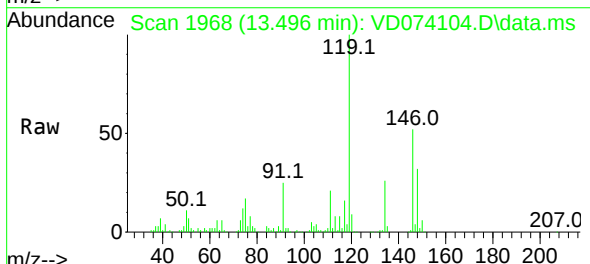
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0816SBS01

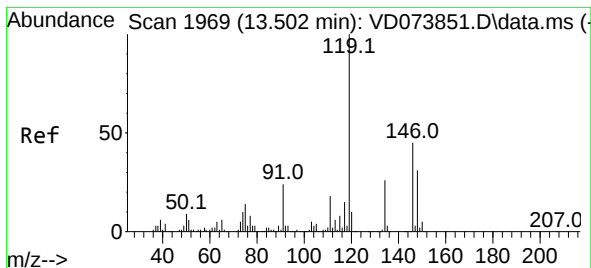
Tgt Ion:105 Resp: 157038
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.069 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD074104.D
 Acq: 16 Aug 2022 16:25

Tgt Ion:119 Resp: 129189
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.9 38.6
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.941 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

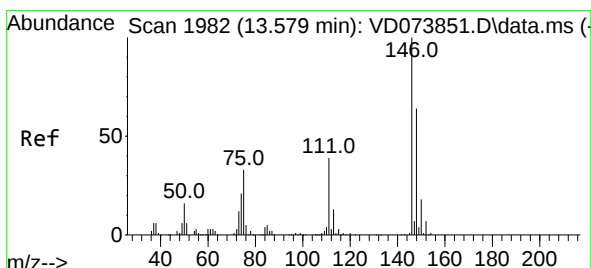
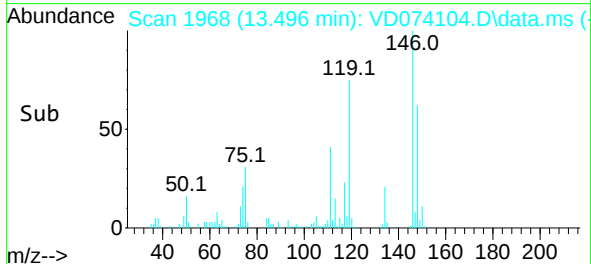
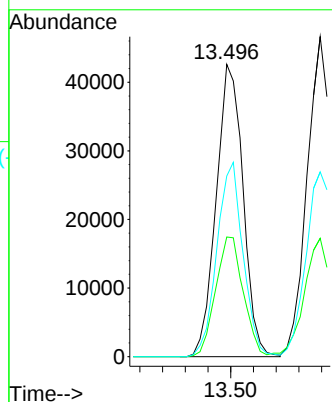
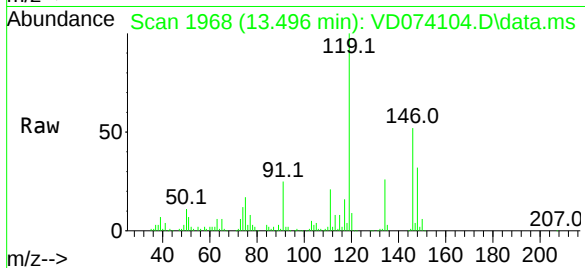
Tgt Ion:146 Resp: 69941

Ion Ratio Lower Upper

146 100

111 42.0 20.4 61.3

148 64.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.541 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

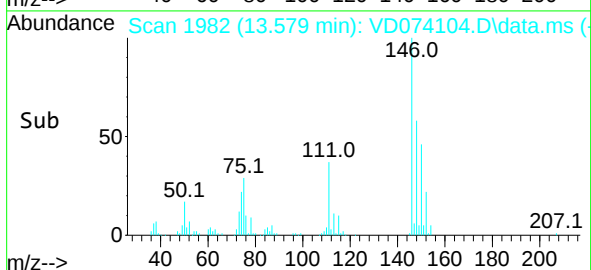
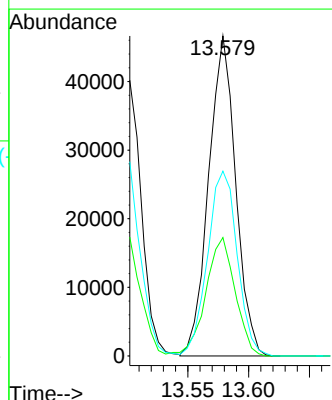
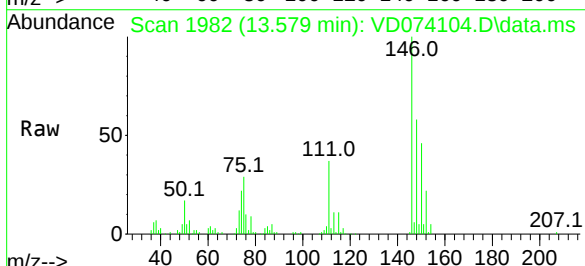
Tgt Ion:146 Resp: 72176

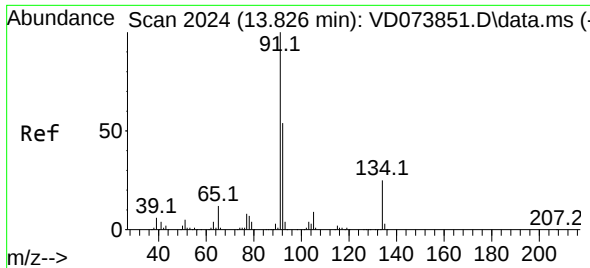
Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 63.4 31.7 95.1

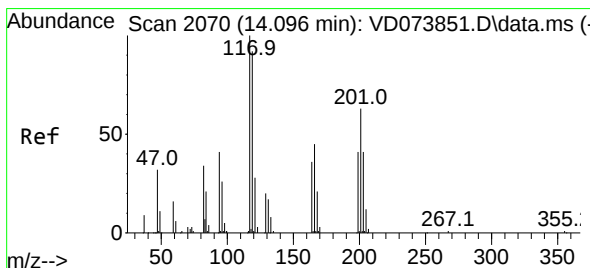
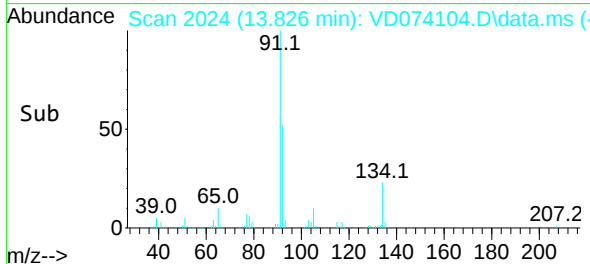
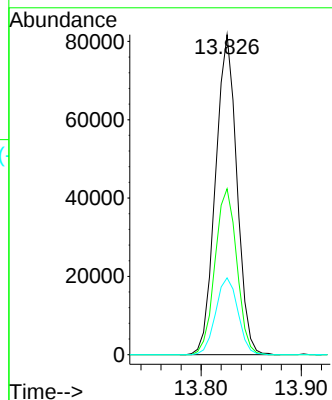
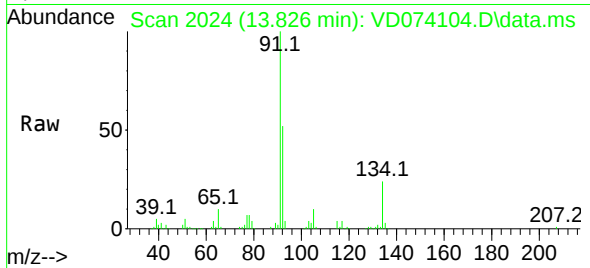




#89
n-Butylbenzene
Concen: 19.587 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

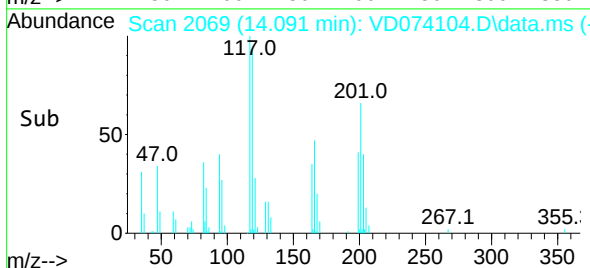
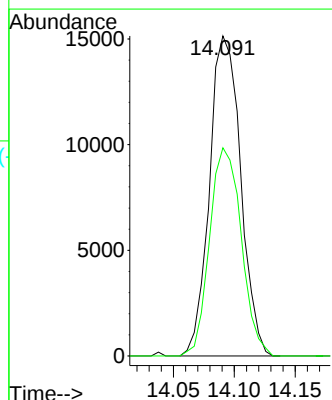
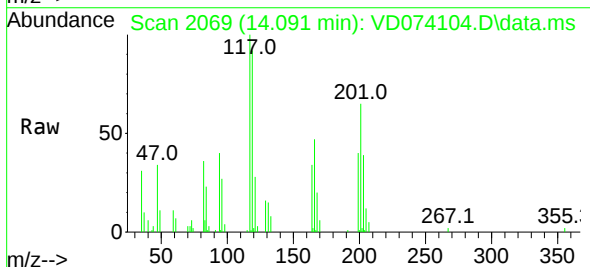
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

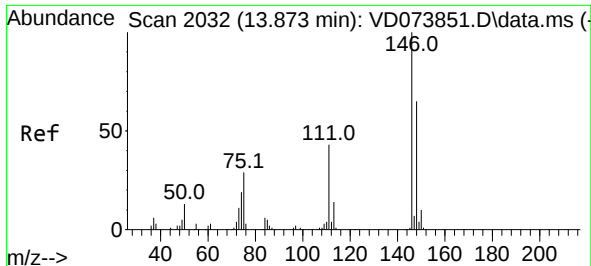
Tgt Ion: 91 Resp: 120791
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 25.0 12.3 36.9



#90
Hexachloroethane
Concen: 19.986 ug/l
RT: 14.091 min Scan# 2069
Delta R.T. -0.005 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 117 Resp: 26955
Ion Ratio Lower Upper
117 100
201 66.1 33.4 100.2

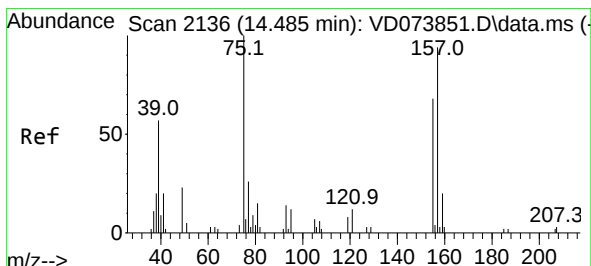
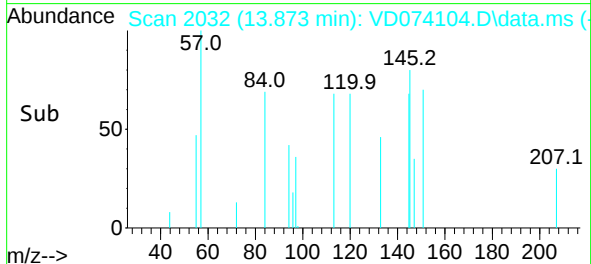
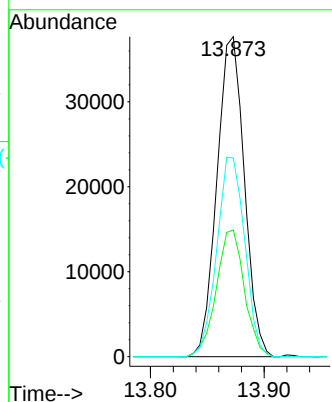
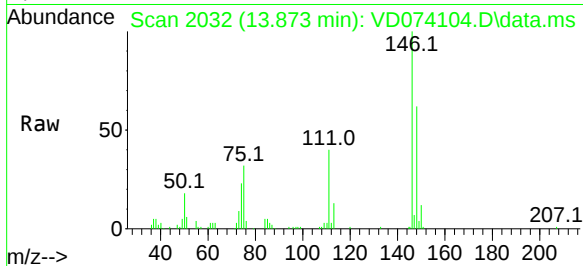




#91
1,2-Dichlorobenzene
Concen: 20.198 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

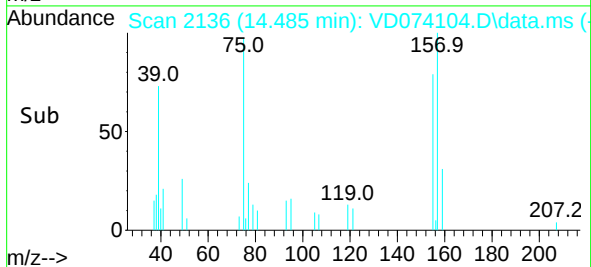
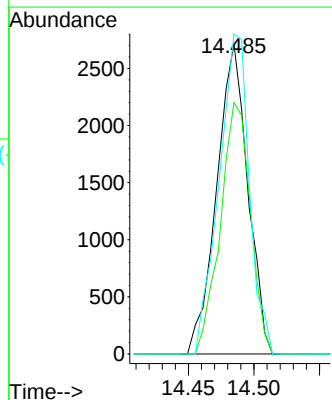
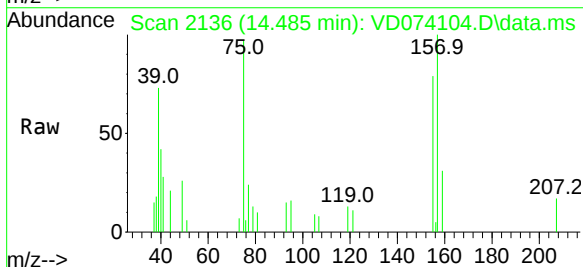
Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

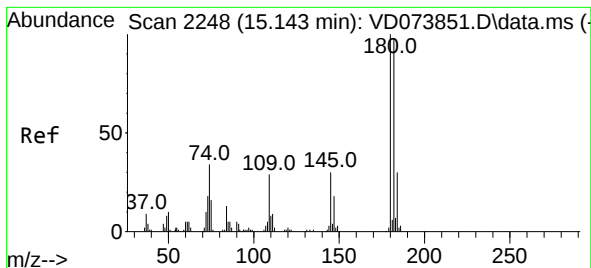
Tgt Ion:146 Resp: 63269
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.3
148 63.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.282 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion: 75 Resp: 4473
Ion Ratio Lower Upper
75 100
155 78.3 36.8 110.3
157 101.0 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 17.592 ug/l

RT: 15.138 min Scan# 2248

Delta R.T. -0.005 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

Instrument :

MSVOA_D

ClientSampleId :

VD0816SBS01

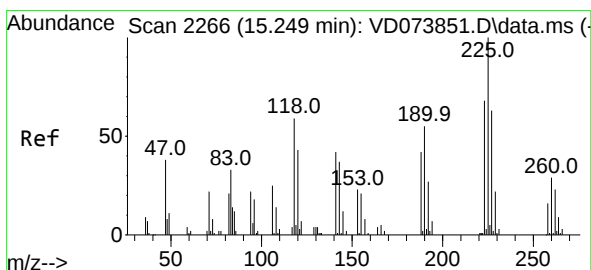
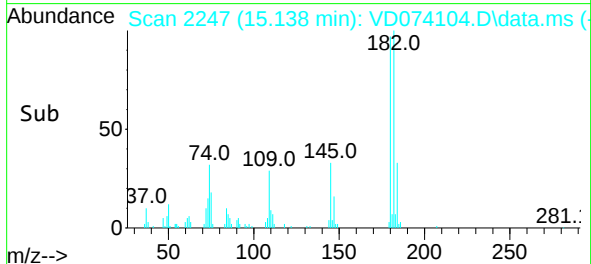
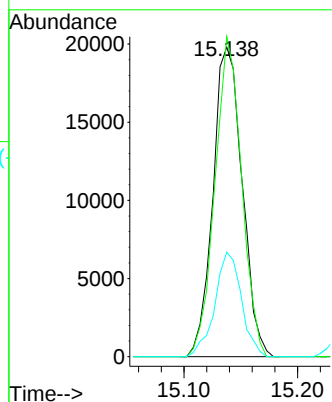
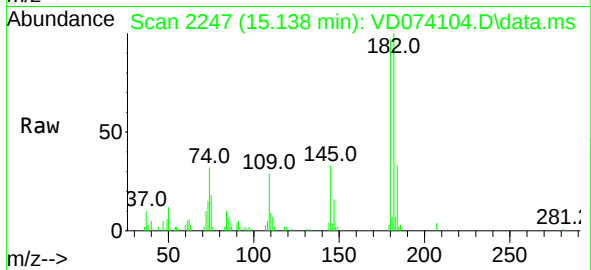
Tgt Ion:180 Resp: 35369

Ion Ratio Lower Upper

180 100

182 94.5 47.3 142.0

145 30.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 17.044 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD074104.D

Acq: 16 Aug 2022 16:25

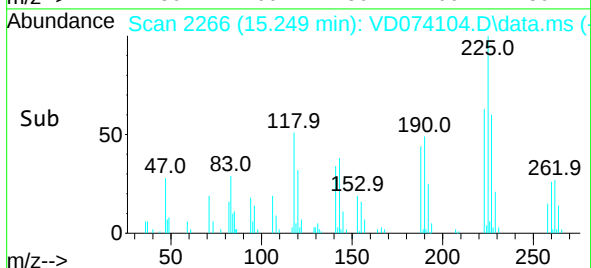
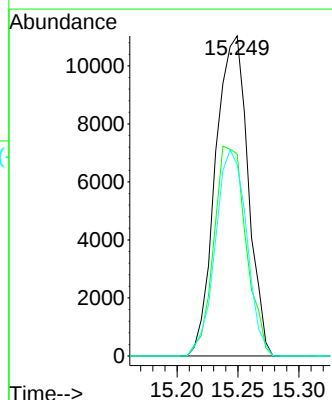
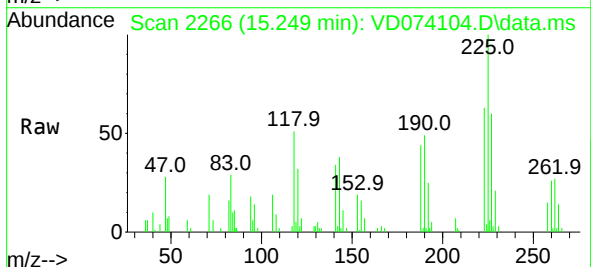
Tgt Ion:225 Resp: 20530

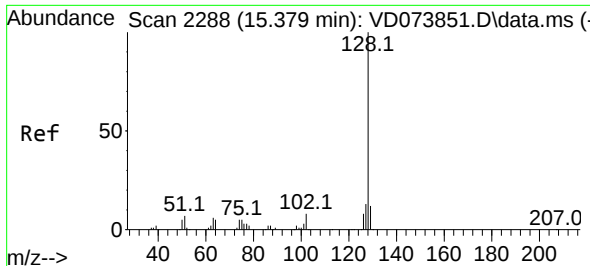
Ion Ratio Lower Upper

225 100

223 64.7 31.1 93.2

227 61.7 32.4 97.0

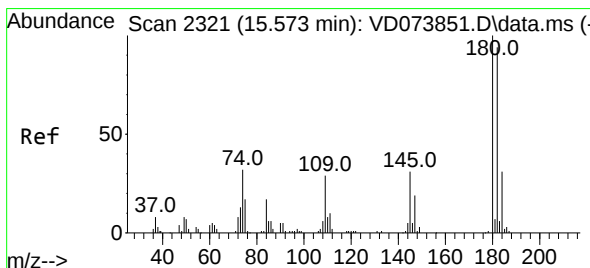
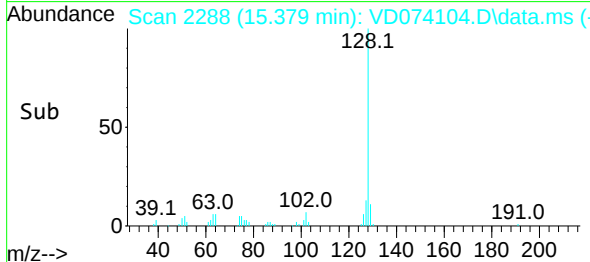
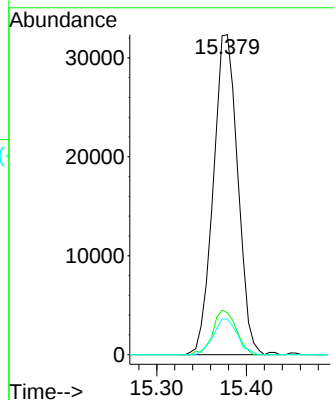
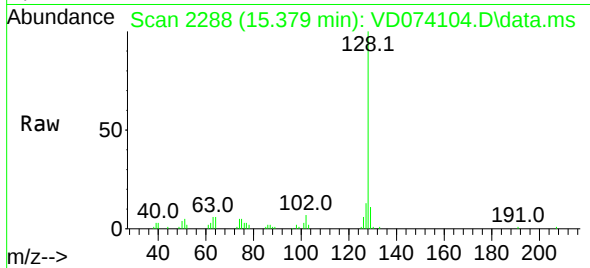




#95
Naphthalene
Concen: 18.071 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Instrument :
MSVOA_D
ClientSampleId :
VD0816SBS01

Tgt Ion:128	Resp:	61175
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.3 15.5
129	11.0	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 17.631 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD074104.D
Acq: 16 Aug 2022 16:25

Tgt Ion:180	Resp:	31340
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.6 142.9
145	34.3	17.1 51.3

