

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101922\
 Data File : VD074579.D
 Acq On : 19 Oct 2022 14:23
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 20 06:22:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:16:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	64048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15609	19.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.100%#
35) Dibromofluoromethane	7.805	113	19174	18.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	36.020%#
50) Toluene-d8	10.269	98	64911	18.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	37.300%#
62) 4-Bromofluorobenzene	12.575	95	19320	16.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	33.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16622	20.481	ug/l	97
3) Chloromethane	2.146	50	21312	19.398	ug/l	94
4) Vinyl Chloride	2.281	62	23956	19.718	ug/l	90
5) Bromomethane	2.681	94	20552	22.338	ug/l	96
6) Chloroethane	2.828	64	16955	20.298	ug/l	98
7) Trichlorofluoromethane	3.175	101	35089	20.375	ug/l	100
8) Diethyl Ether	3.587	74	10146	20.344	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	23444	22.771	ug/l	96
10) Methyl Iodide	4.164	142	23617	18.663	ug/l	99
11) Tert butyl alcohol	5.028	59	13615	101.310	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	23137	20.829	ug/l	94
13) Acrolein	3.793	56	8964	104.847	ug/l	94
14) Allyl chloride	4.558	41	23739	19.790	ug/l	98
15) Acrylonitrile	5.263	53	21224	104.127	ug/l	97
16) Acetone	4.016	43	18402	105.566	ug/l	95
17) Carbon Disulfide	4.264	76	61702	20.300	ug/l	96
18) Methyl Acetate	4.558	43	10744	20.381	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	43422	20.005	ug/l	93
20) Methylene Chloride	4.799	84	37382	20.269	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	24621	19.883	ug/l	88
22) Diisopropyl ether	6.210	45	50803	20.988	ug/l #	94
23) Vinyl Acetate	6.152	43	116087	119.118	ug/l	97
24) 1,1-Dichloroethane	6.116	63	37335	19.873	ug/l	98
25) 2-Butanone	7.081	43	24141	103.565	ug/l	98
26) 2,2-Dichloropropane	7.075	77	35697	19.880	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	27046	19.692	ug/l	96
28) Bromochloromethane	7.422	49	6300	13.779	ug/l #	97
29) Tetrahydrofuran	7.446	42	12624	99.295	ug/l	97
30) Chloroform	7.593	83	40712	20.139	ug/l	96
31) Cyclohexane	7.875	56	32718	20.404	ug/l	94
32) 1,1,1-Trichloroethane	7.787	97	37275	20.107	ug/l	97
36) 1,1-Dichloropropene	8.005	75	31838	20.386	ug/l	98
37) Ethyl Acetate	7.169	43	10026	20.347	ug/l #	92
38) Carbon Tetrachloride	7.987	117	29924	19.567	ug/l	98
39) Methylcyclohexane	9.275	83	37681	20.193	ug/l	94
40) Benzene	8.252	78	94280	20.341	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	5368	17.503	ug/l	97
42) 1,2-Dichloroethane	8.322	62	21204	19.824	ug/l	99
43) Isopropyl Acetate	8.357	43	17912	19.560	ug/l #	87
44) Trichloroethene	9.028	130	27212	20.040	ug/l	94
45) 1,2-Dichloropropane	9.304	63	18439	18.127	ug/l #	87
46) Dibromomethane	9.387	93	10828	18.447	ug/l	96
47) Bromodichloromethane	9.581	83	27183	18.718	ug/l	99
48) Methyl methacrylate	9.381	41	8186	19.560	ug/l	93
49) 1,4-Dioxane	9.381	88	2163	374.417	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	44331	97.325	ug/l	98
52) Toluene	10.334	92	56519	19.772	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	24654	19.308	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	30158	18.732	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	14956	18.545	ug/l	97
56) Ethyl methacrylate	10.599	69	16819	19.079	ug/l	95
57) 1,3-Dichloropropane	10.881	76	24828	18.978	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	14649	74.966	ug/l	98
59) 2-Hexanone	10.922	43	30650	98.586	ug/l	98
60) Dibromochloromethane	11.075	129	18506	19.038	ug/l	98
61) 1,2-Dibromoethane	11.175	107	14742	20.025	ug/l	98
64) Tetrachloroethene	10.810	164	20459	19.846	ug/l	95
65) Chlorobenzene	11.604	112	58227	19.821	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	20320	20.133	ug/l	97
67) Ethyl Benzene	11.681	91	103124	20.159	ug/l	99
68) m/p-Xylenes	11.793	106	83405	41.006	ug/l	97
69) o-Xylene	12.122	106	38194	20.177	ug/l	94
70) Styrene	12.134	104	65626	20.586	ug/l	99
71) Bromoform	12.298	173	10805	20.391	ug/l #	98
73) Isopropylbenzene	12.422	105	102530	20.526	ug/l	100
74) N-amyl acetate	12.234	43	15222	20.617	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	16498	20.864	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	20154	38.236	ug/l #	1
77) Bromobenzene	12.698	156	22147	19.645	ug/l	96
78) n-propylbenzene	12.763	91	122944	20.827	ug/l	99
79) 2-Chlorotoluene	12.851	91	65583	20.507	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	83586	20.614	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4753	21.719	ug/l	89
82) 4-Chlorotoluene	12.945	91	67273	20.475	ug/l	100
83) tert-Butylbenzene	13.163	119	73374	20.285	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	80896	20.274	ug/l	98
85) sec-Butylbenzene	13.345	105	110709	20.396	ug/l	99
86) p-Isopropyltoluene	13.457	119	92414	20.322	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	47147	20.125	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	45737	19.943	ug/l	98
89) n-Butylbenzene	13.787	91	83133	20.066	ug/l	98
90) Hexachloroethane	14.051	117	15896	20.083	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	39632	20.280	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2410	22.038	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	25837	20.042	ug/l	99
94) Hexachlorobutadiene	15.204	225	13912	19.616	ug/l	96
95) Naphthalene	15.328	128	48653	20.049	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	21895	19.813	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:16:59 2022
Response via : Initial Calibration

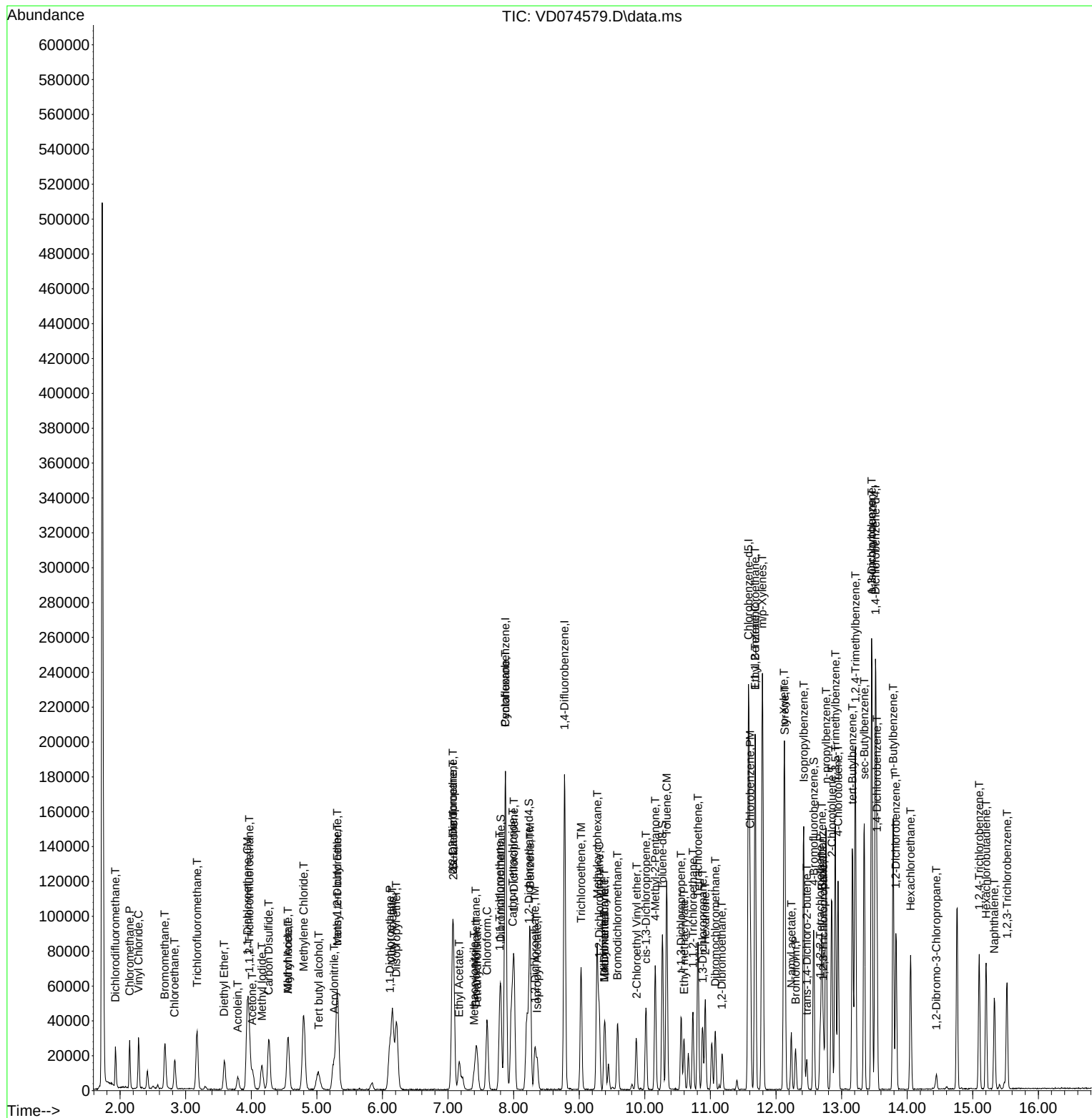
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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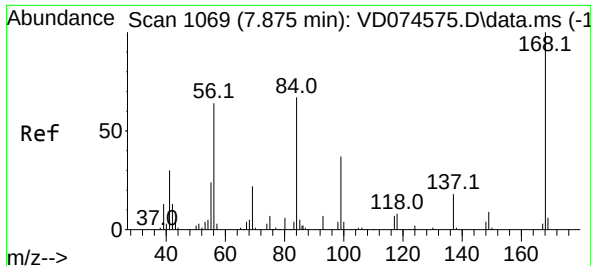
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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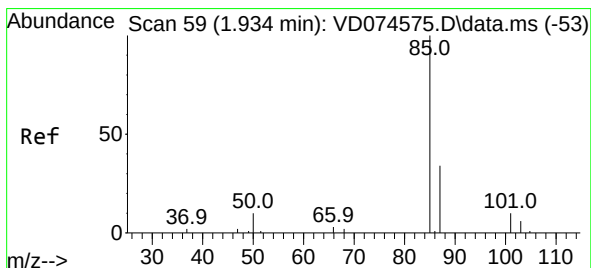
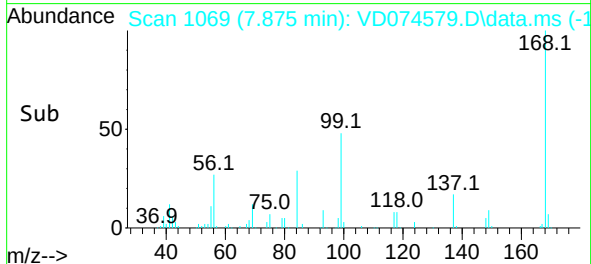
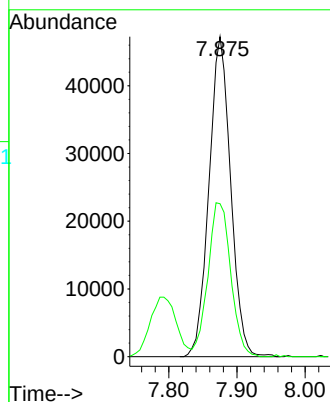
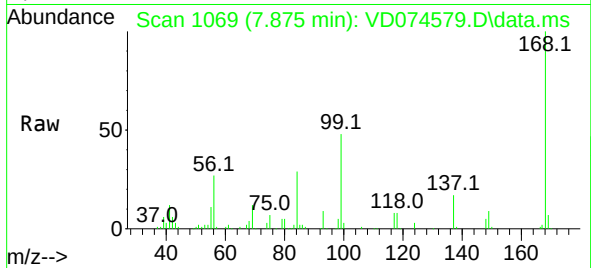




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074579.D
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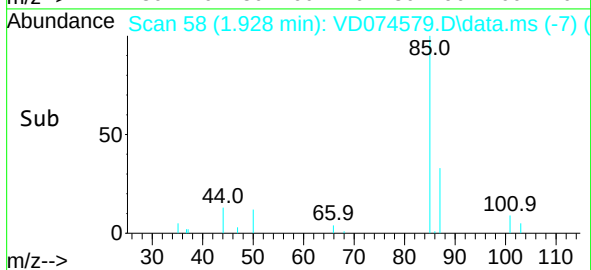
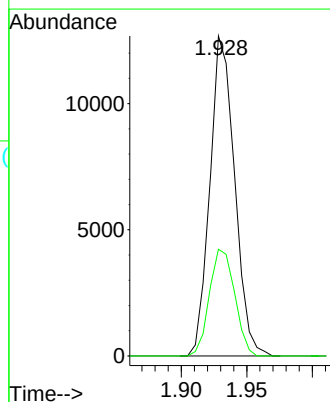
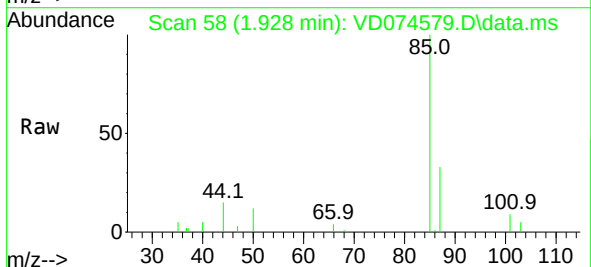
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

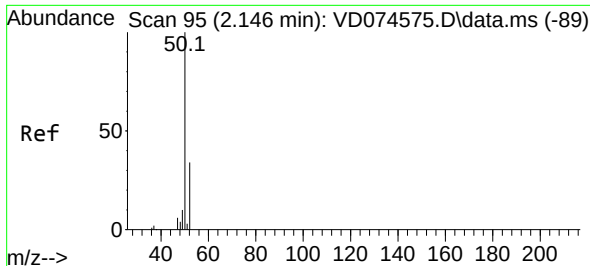
Tgt Ion:168 Resp: 104557
Ion Ratio Lower Upper
168 100
99 47.8 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 20.481 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 85 Resp: 16622
Ion Ratio Lower Upper
85 100
87 33.3 17.5 52.6

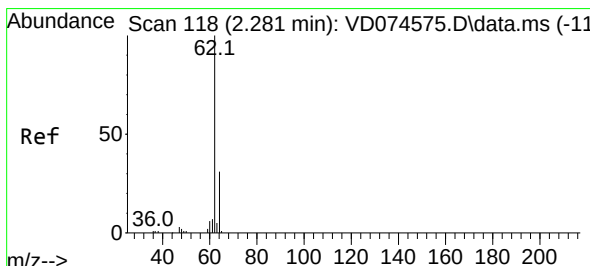
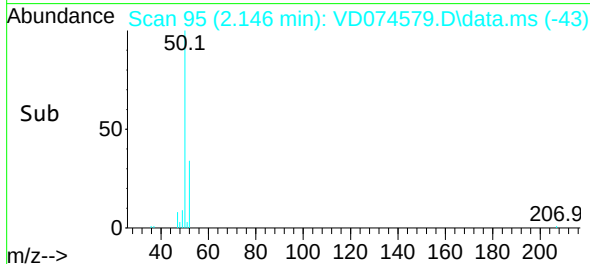
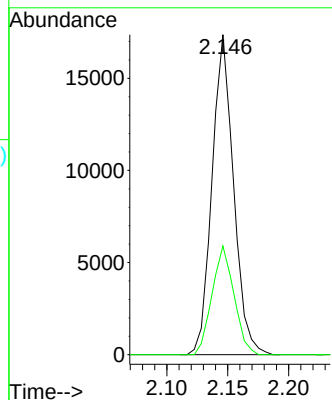
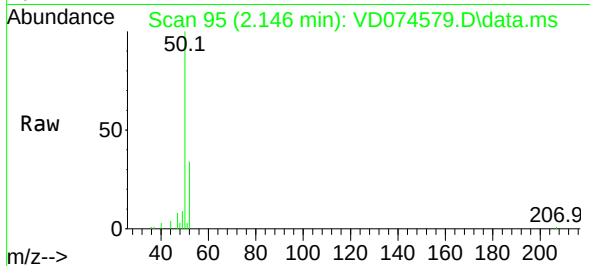




#3
Chloromethane
Concen: 19.398 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

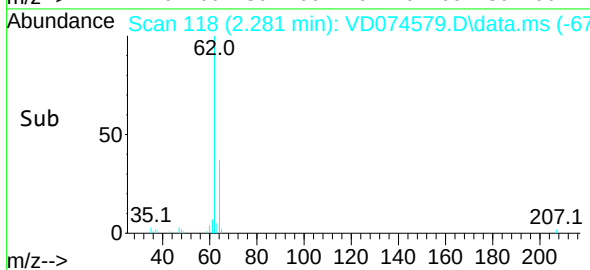
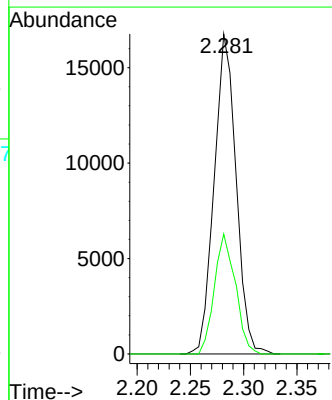
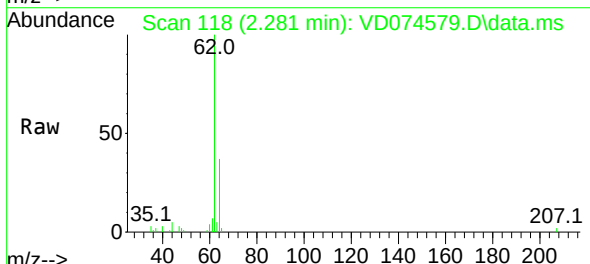
Instrument :
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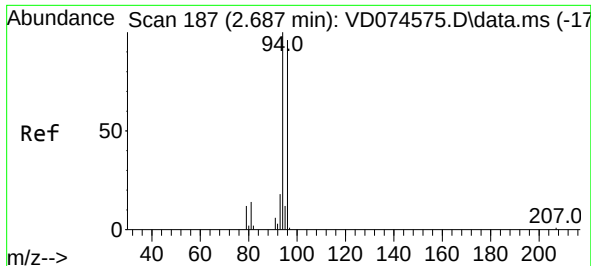
Tgt Ion: 50 Resp: 21312
Ion Ratio Lower Upper
50 100
52 34.0 30.0 45.0



#4
Vinyl Chloride
Concen: 19.718 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 62 Resp: 23956
Ion Ratio Lower Upper
62 100
64 37.5 25.5 38.3

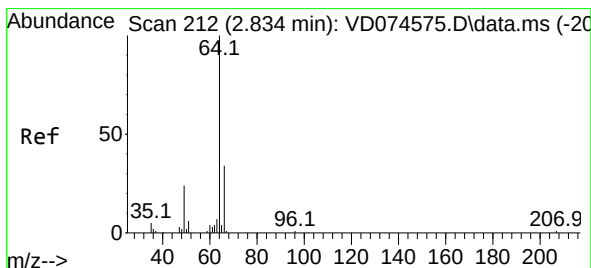
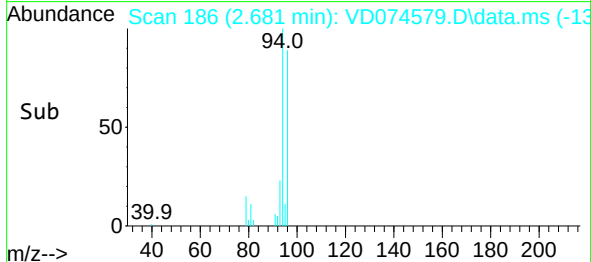
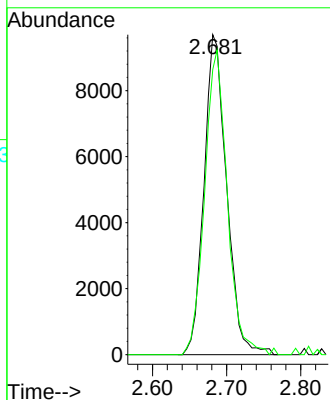
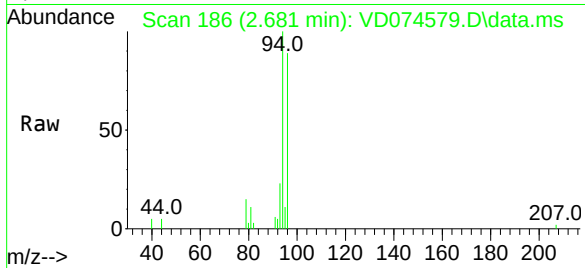




#5
Bromomethane
Concen: 22.338 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074579.D
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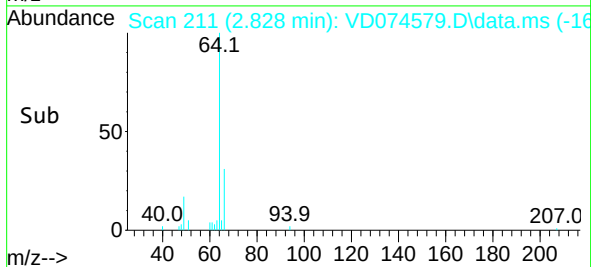
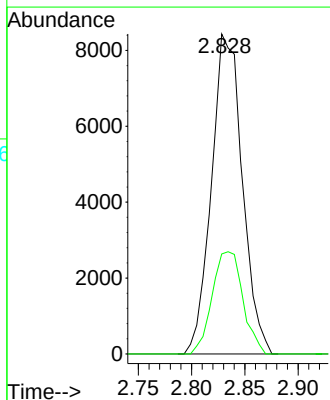
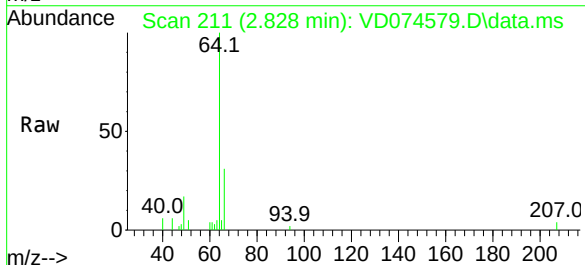
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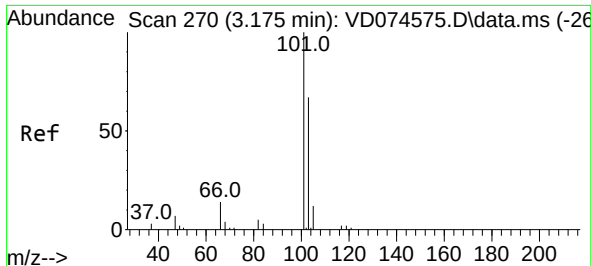
Tgt Ion: 94 Resp: 20552
Ion Ratio Lower Upper
94 100
96 89.1 74.6 112.0



#6
Chloroethane
Concen: 20.298 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 64 Resp: 16955
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.8

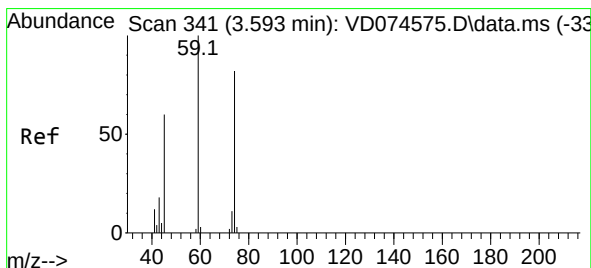
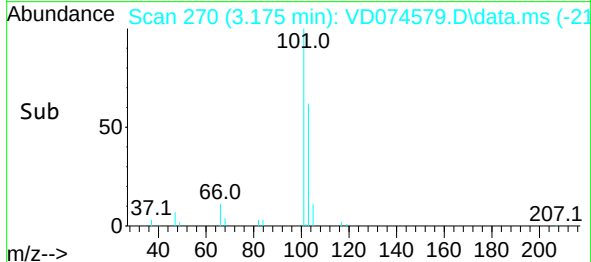
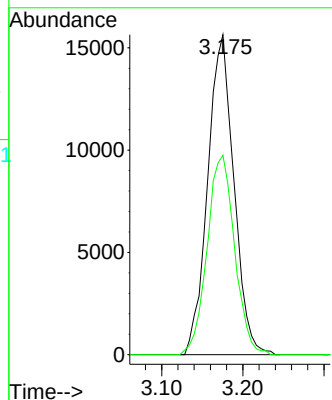
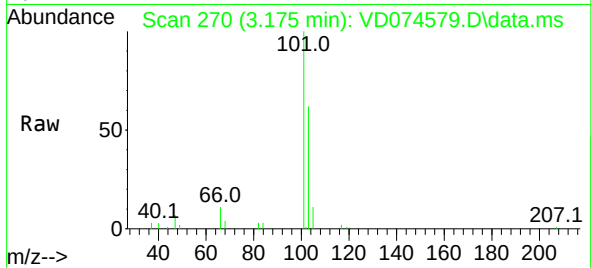




#7
Trichlorofluoromethane
Concen: 20.375 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

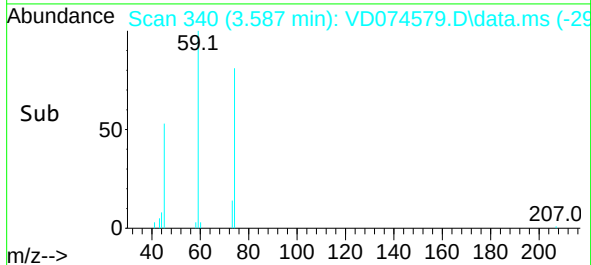
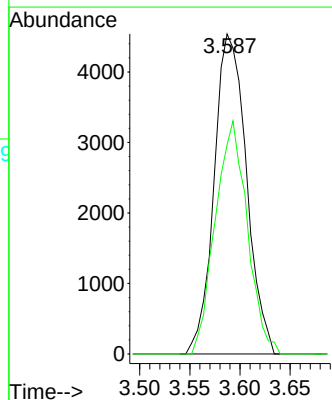
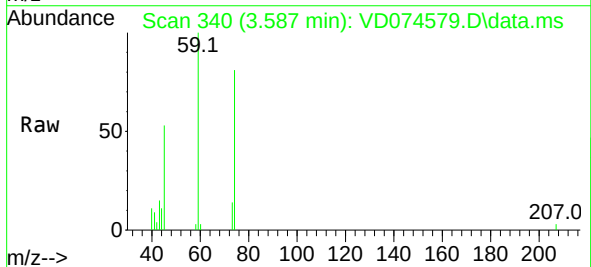
Instrument :
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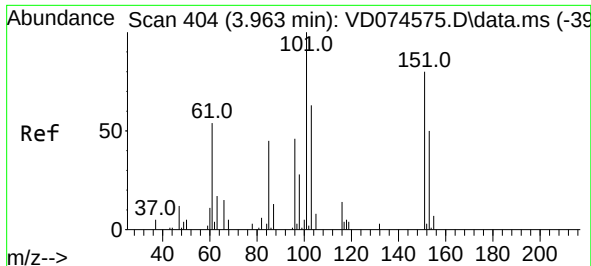
Tgt Ion:101 Resp: 35089
Ion Ratio Lower Upper
101 100
103 62.3 49.8 74.8



#8
Diethyl Ether
Concen: 20.344 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 10146
Ion Ratio Lower Upper
74 100
45 72.1 37.9 113.6

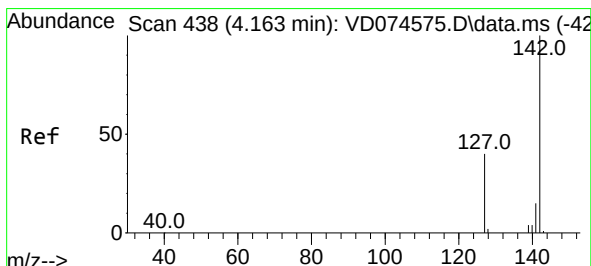
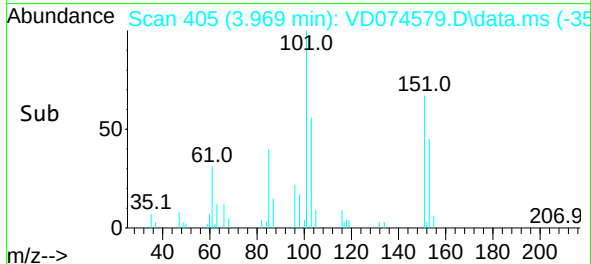
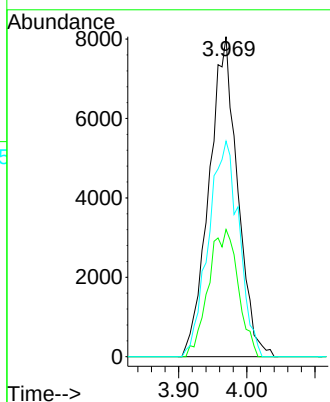
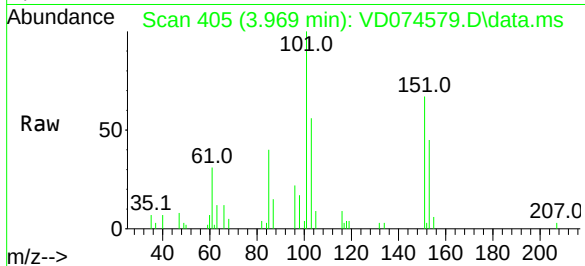




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.771 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

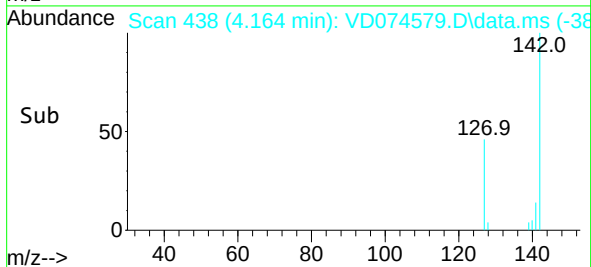
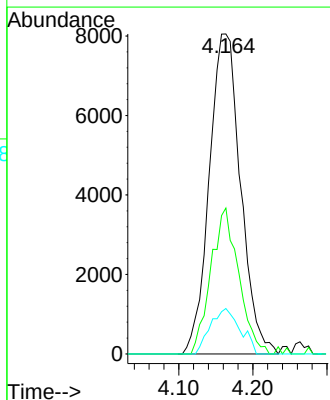
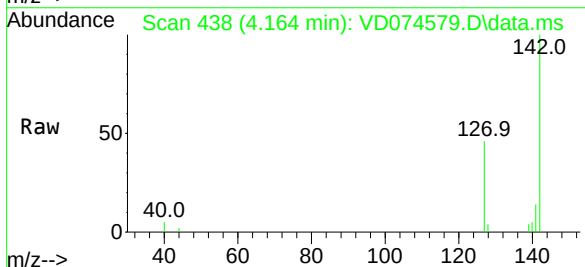
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

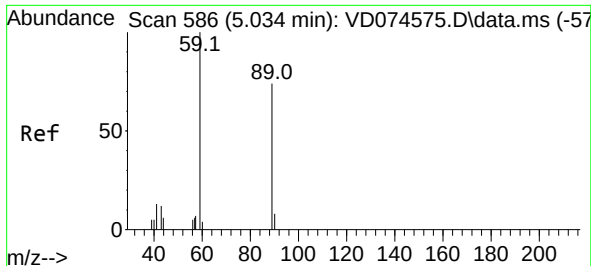
Tgt Ion:	101	Resp:	23444
Ion	Ratio	Lower	Upper
101	100		
85	41.5	34.1	51.1
151	72.2	61.7	92.5



#10
Methyl Iodide
Concen: 18.663 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:	142	Resp:	23617
Ion	Ratio	Lower	Upper
142	100		
127	40.6	31.9	47.9
141	13.5	11.4	17.2

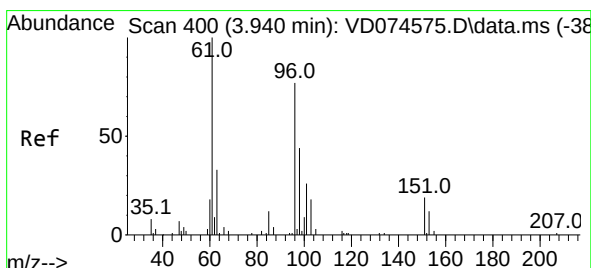
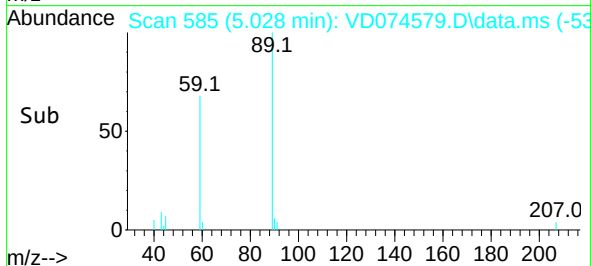
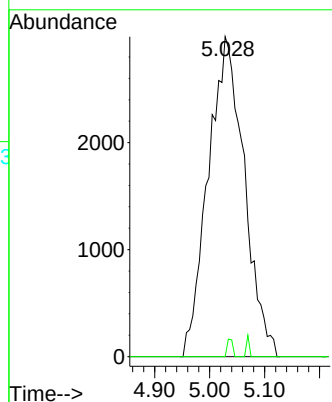
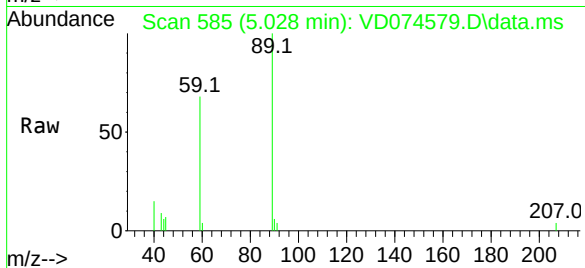




#11
Tert butyl alcohol
Concen: 101.310 ug/l
RT: 5.028 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

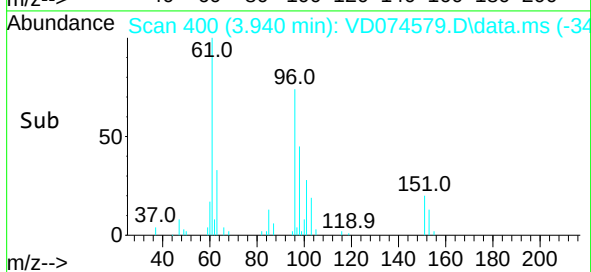
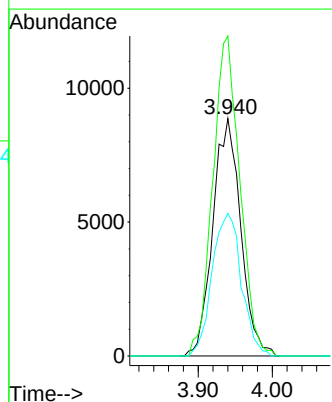
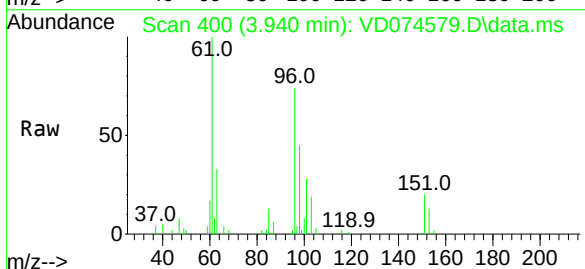
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

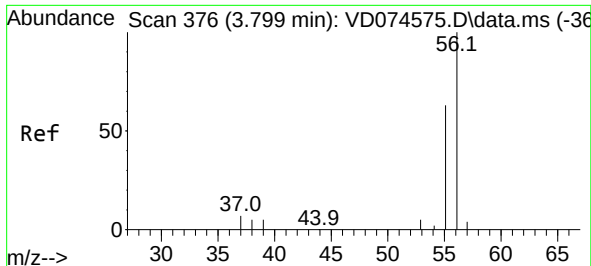
Tgt Ion: 59 Resp: 13615
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 20.829 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 96 Resp: 23137
Ion Ratio Lower Upper
96 100
61 134.7 113.9 170.9
98 60.0 51.8 77.8

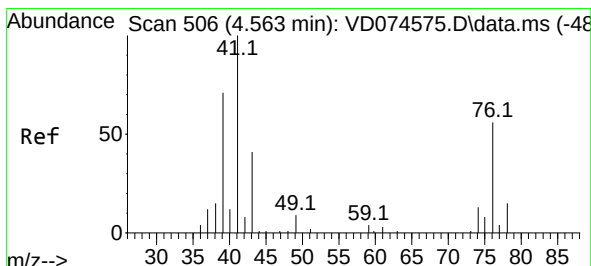
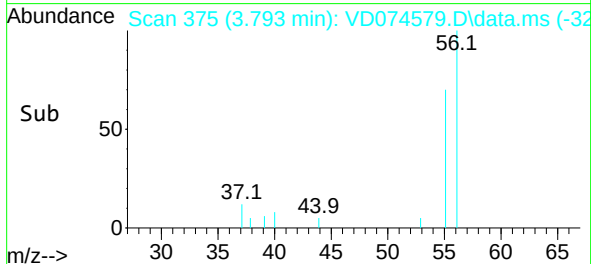
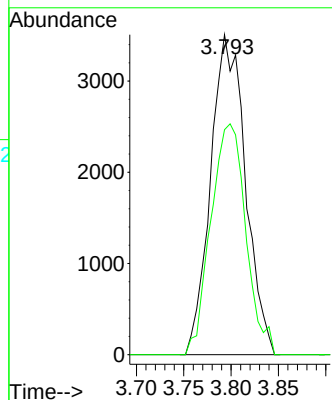
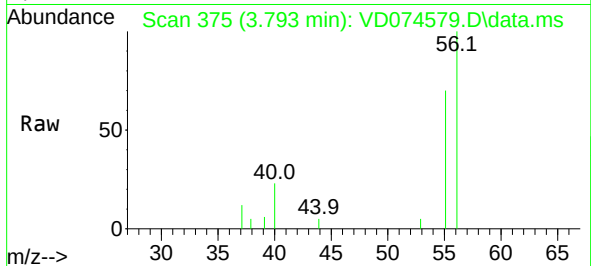




#13
Acrolein
Concen: 104.847 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

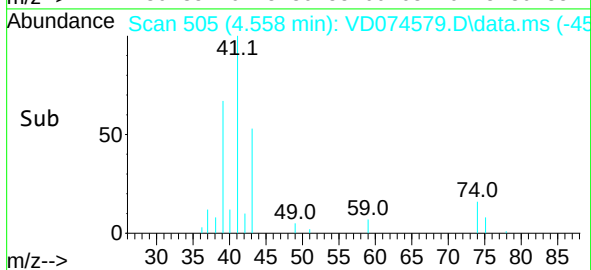
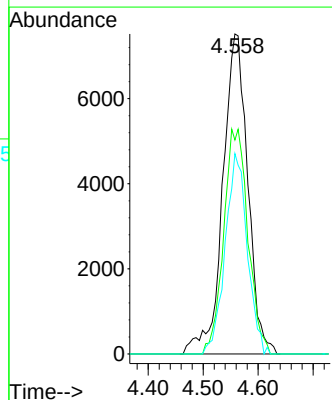
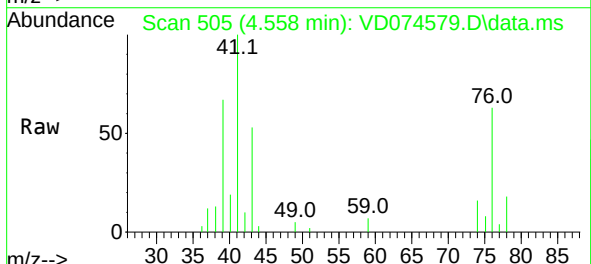
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

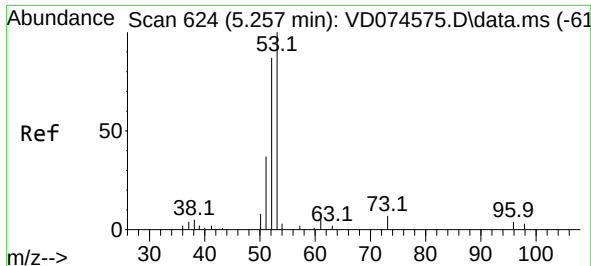
Tgt Ion: 56 Resp: 8964
Ion Ratio Lower Upper
56 100
55 72.6 54.0 81.0



#14
Allyl chloride
Concen: 19.790 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 41 Resp: 23739
Ion Ratio Lower Upper
41 100
39 68.4 53.4 80.2
76 55.2 42.4 63.6

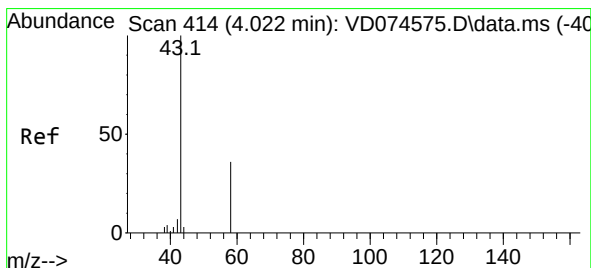
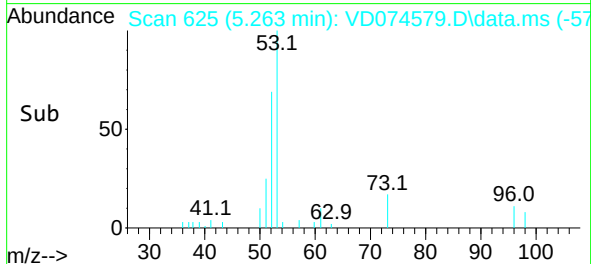
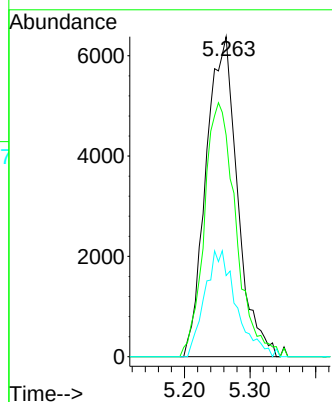
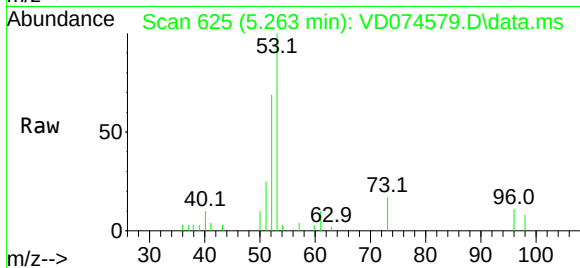




#15
Acrylonitrile
Concen: 104.127 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

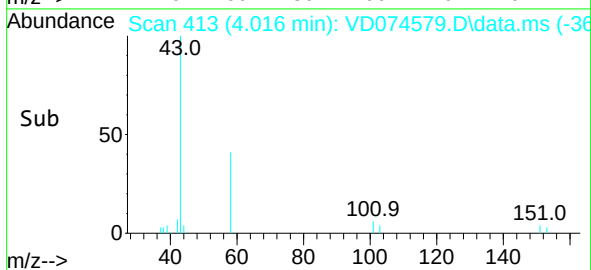
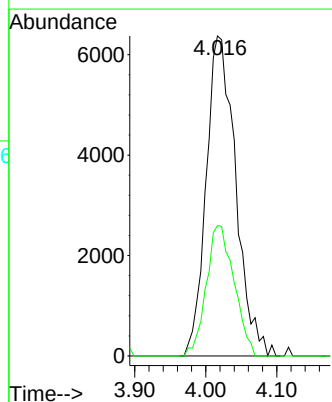
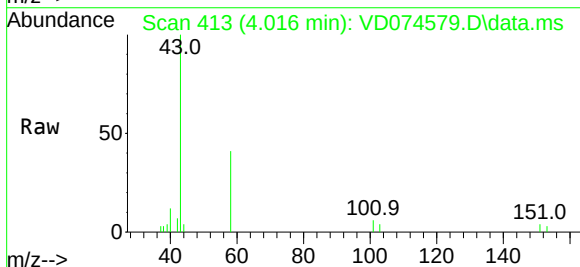
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

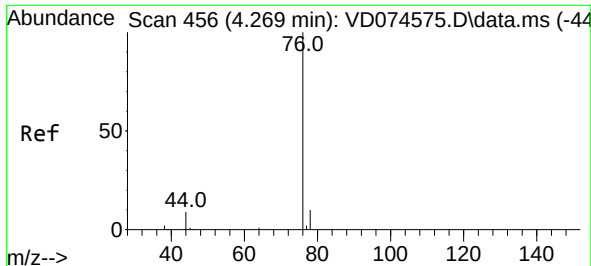
Tgt Ion: 53 Resp: 21224
Ion Ratio Lower Upper
53 100
52 80.2 66.0 99.0
51 33.5 28.3 42.5



#16
Acetone
Concen: 105.566 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 43 Resp: 18402
Ion Ratio Lower Upper
43 100
58 40.8 30.2 45.2

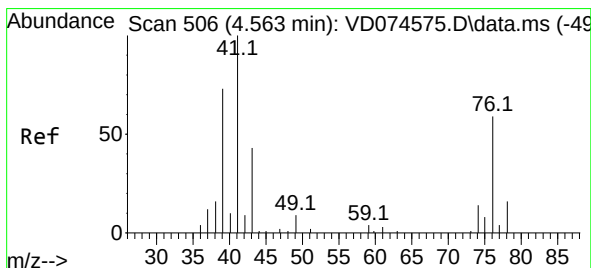
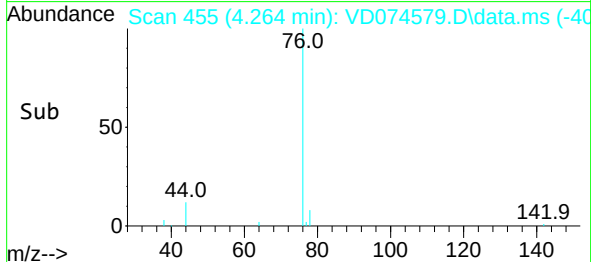
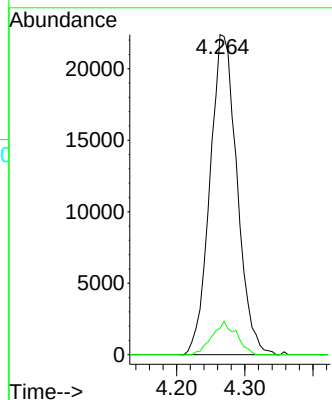
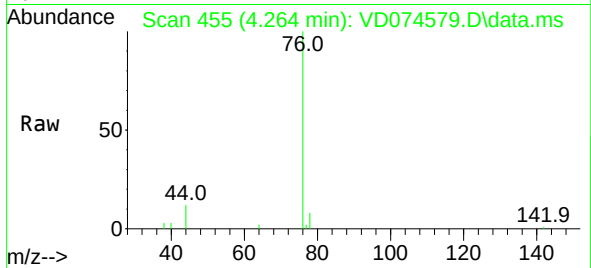




#17
Carbon Disulfide
Concen: 20.300 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

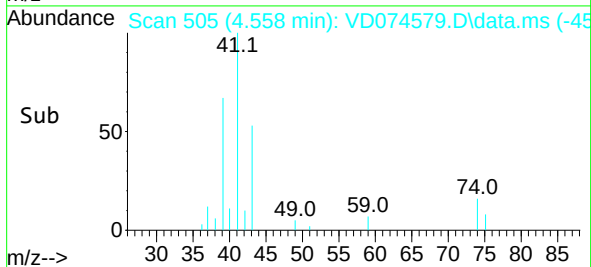
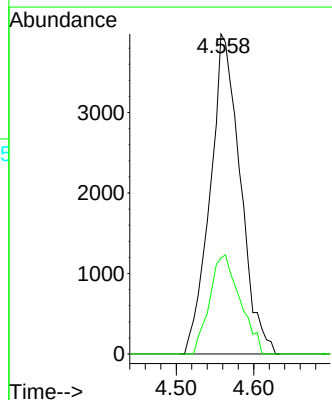
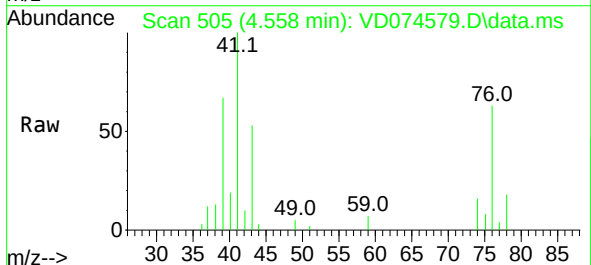
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

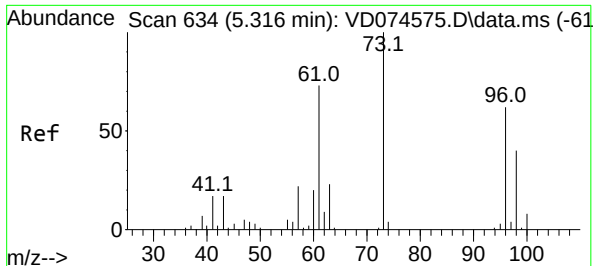
Tgt Ion: 76 Resp: 61702
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8



#18
Methyl Acetate
Concen: 20.381 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 43 Resp: 10744
Ion Ratio Lower Upper
43 100
74 31.2 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 20.005 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

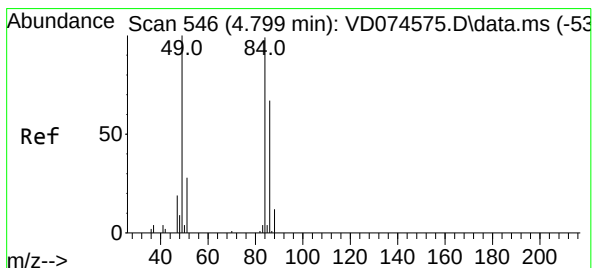
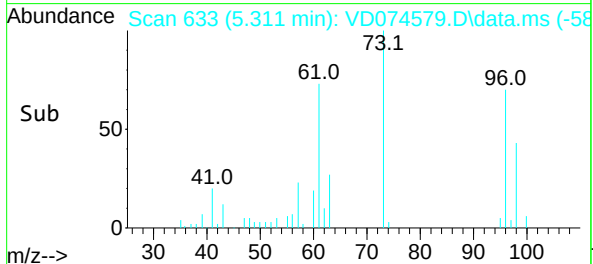
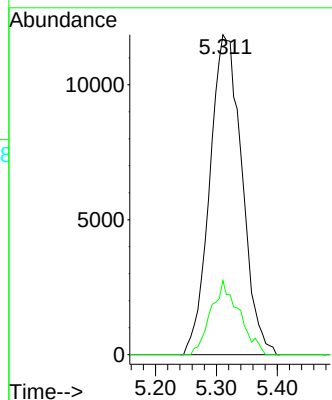
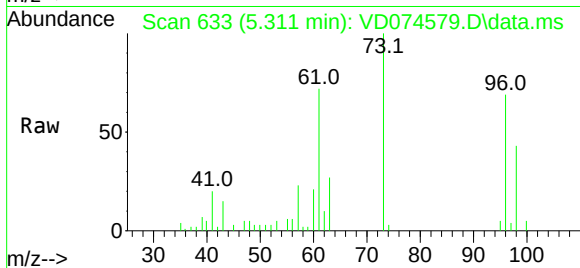
VSTDIC020

Tgt Ion: 73 Resp: 43422

Ion Ratio Lower Upper

73 100

57 23.2 16.1 24.1



#20

Methylene Chloride

Concen: 20.269 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Tgt Ion: 84 Resp: 37382

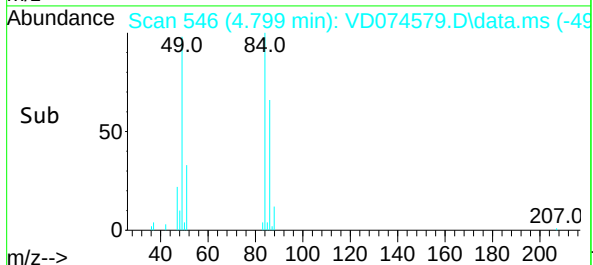
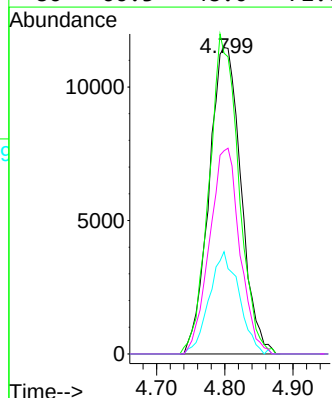
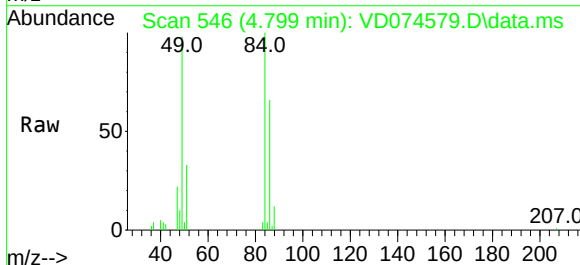
Ion Ratio Lower Upper

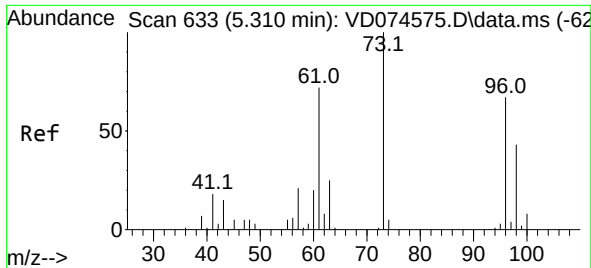
84 100

49 98.2 68.0 102.0

51 33.4 23.2 34.8

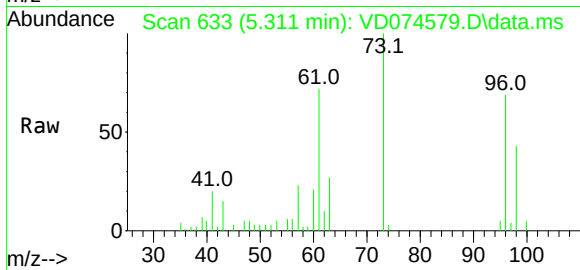
86 66.3 48.0 72.0



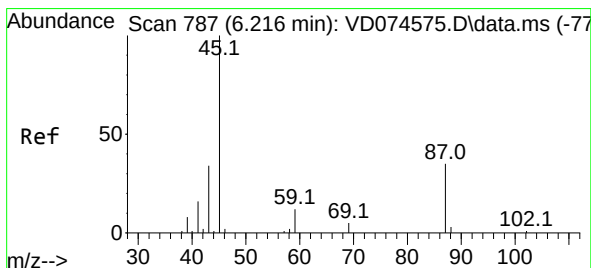
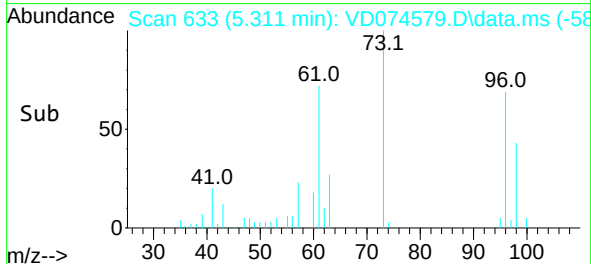
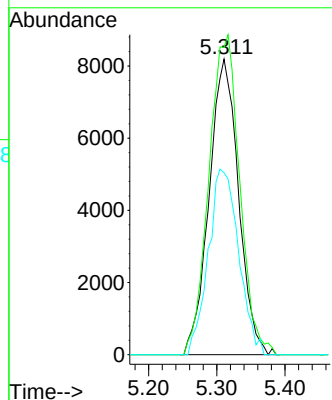


#21
trans-1,2-Dichloroethene
Concen: 19.883 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

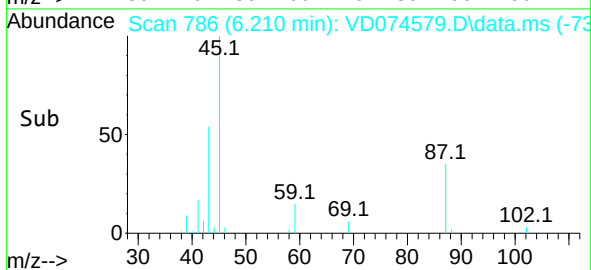
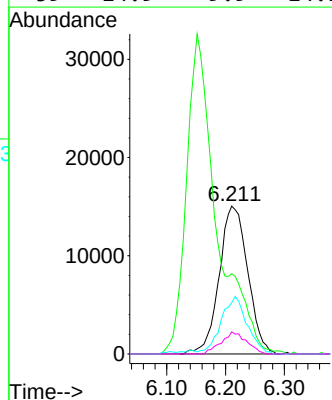
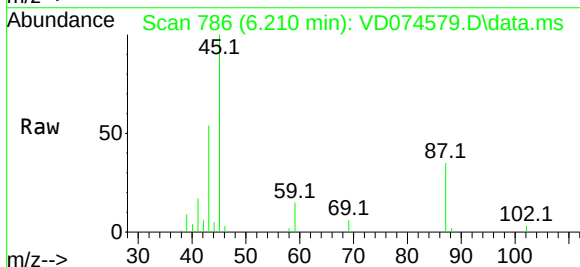


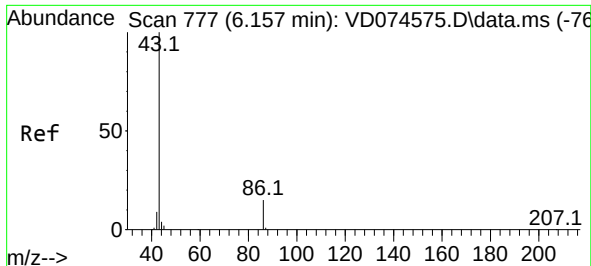
Tgt Ion:	96	Resp:	24621
Ion	Ratio	Lower	Upper
96	100		
61	104.0	95.7	143.5
98	61.6	54.8	82.2



#22
Diisopropyl ether
Concen: 20.988 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:	45	Resp:	50803
Ion	Ratio	Lower	Upper
45	100		
43	52.4	37.8	56.6
87	34.7	26.6	40.0
59	14.9	9.9	14.9

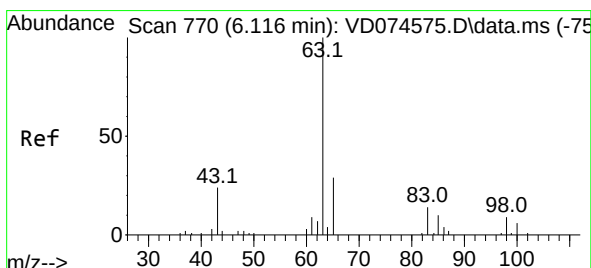
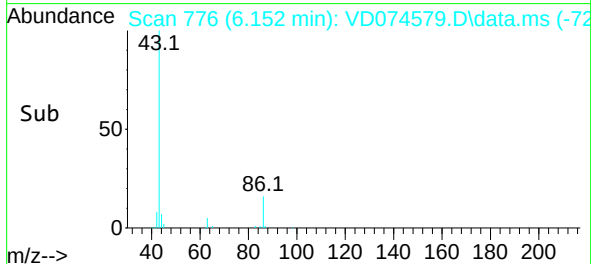
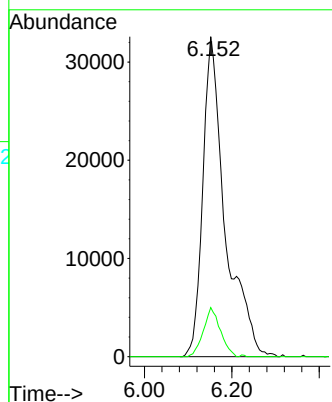
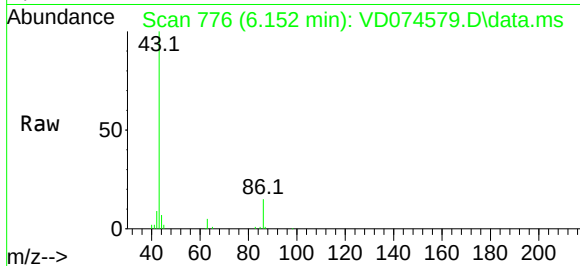




#23
 Vinyl Acetate
 Concen: 119.118 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

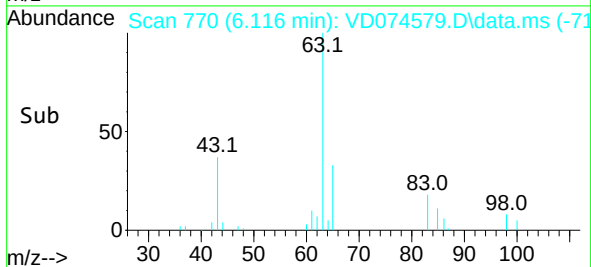
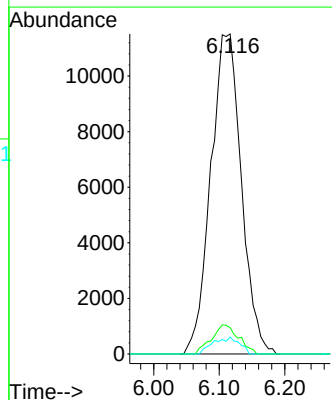
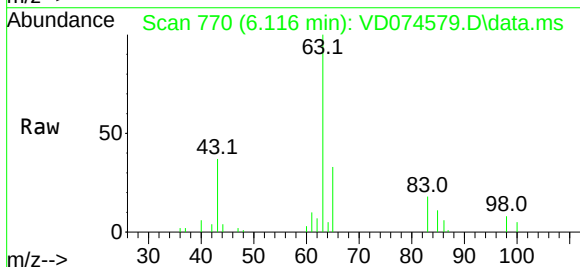
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

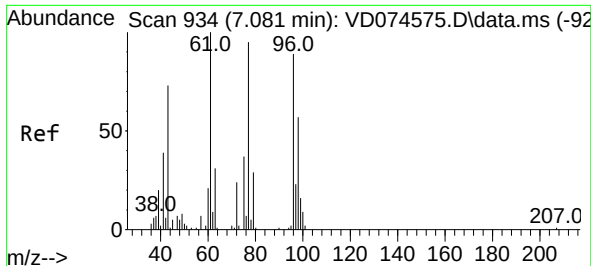
Tgt Ion: 43 Resp: 116087
 Ion Ratio Lower Upper
 43 100
 86 15.4 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.873 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

Tgt Ion: 63 Resp: 37335
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.6 13.8
 100 5.3 2.9 8.6

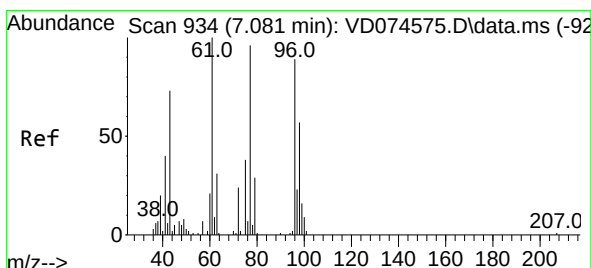
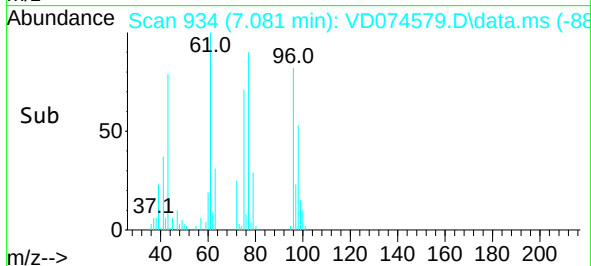
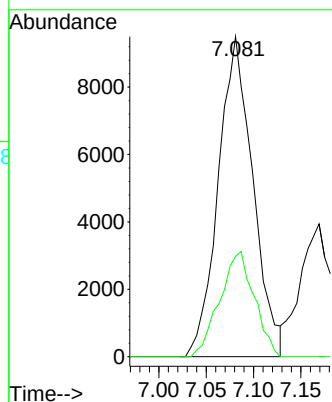
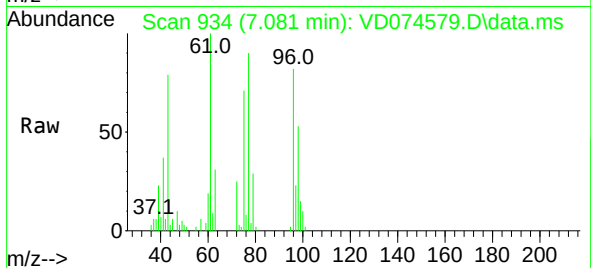




#25
2-Butanone
Concen: 103.565 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

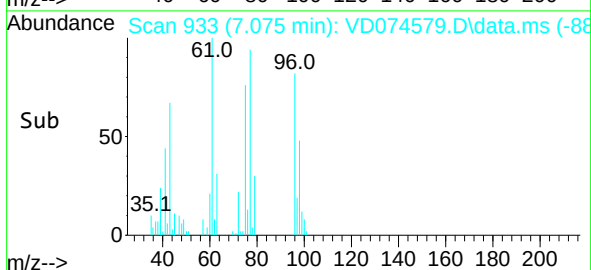
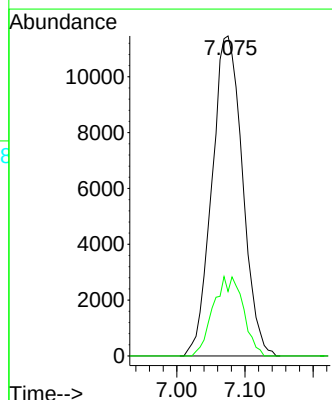
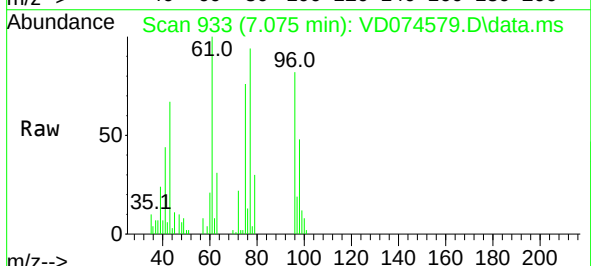
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

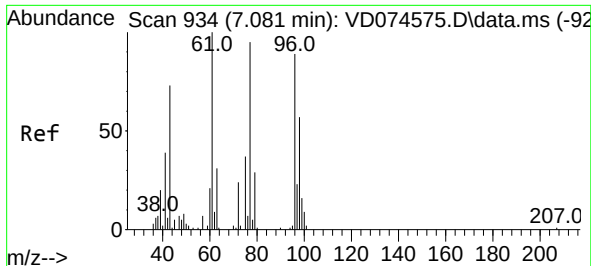
Tgt Ion: 43 Resp: 24141
Ion Ratio Lower Upper
43 100
72 31.4 25.8 38.8



#26
2,2-Dichloropropane
Concen: 19.880 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 77 Resp: 35697
Ion Ratio Lower Upper
77 100
97 24.4 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 19.692 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

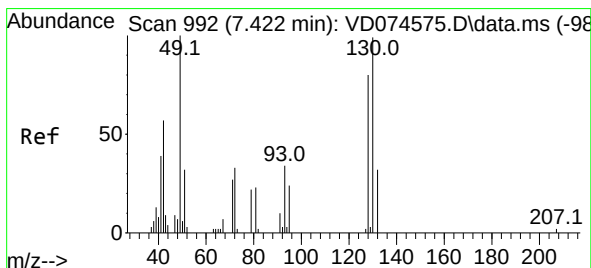
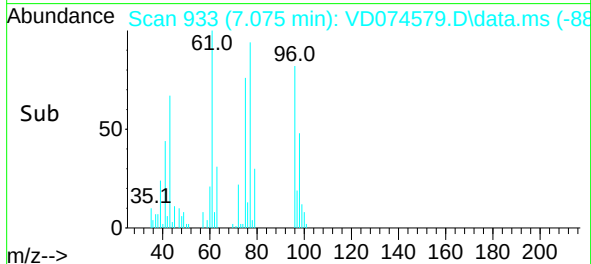
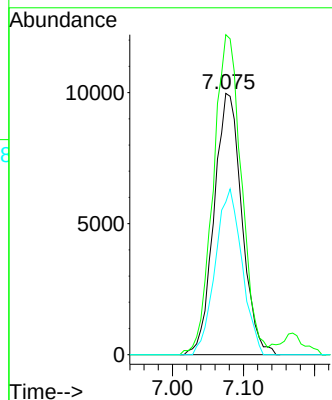
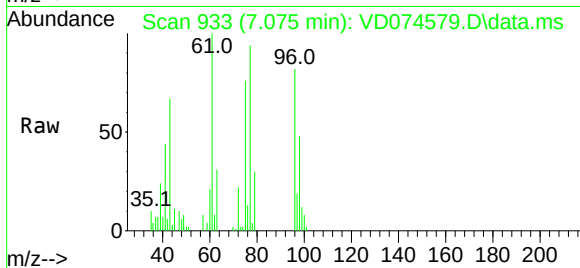
Tgt Ion: 96 Resp: 27046

Ion Ratio Lower Upper

96 100

61 124.4 0.0 242.4

98 60.9 0.0 130.0



#28

Bromochloromethane

Concen: 13.779 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

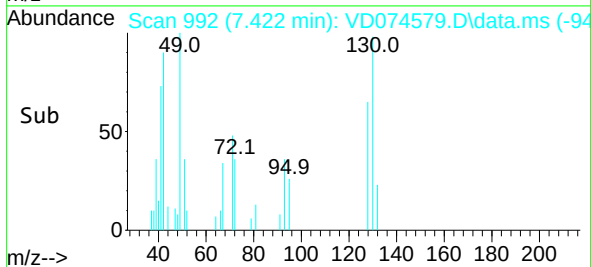
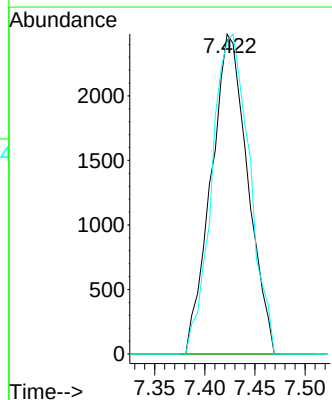
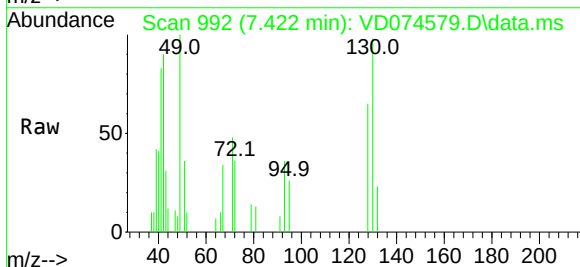
Tgt Ion: 49 Resp: 6300

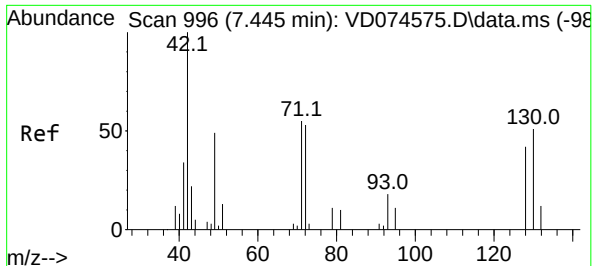
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 102.6 84.1 126.1





#29

Tetrahydrofuran

Concen: 99.295 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

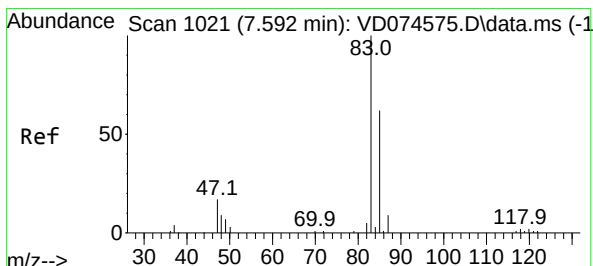
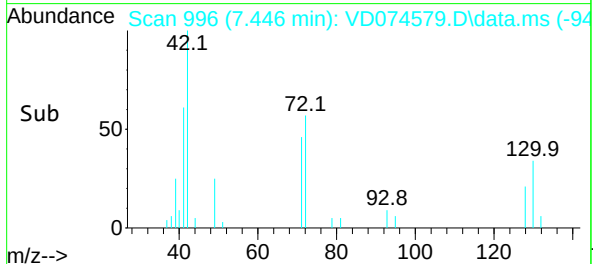
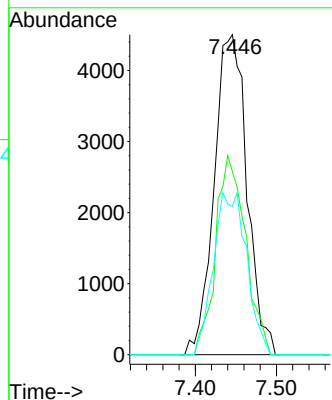
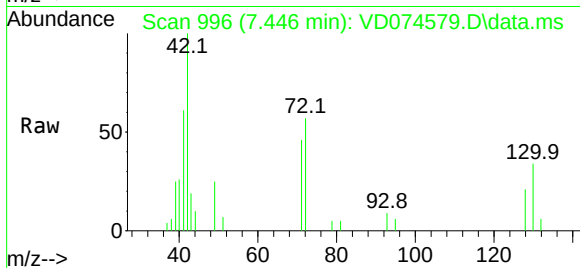
Tgt Ion: 42 Resp: 12624

Ion Ratio Lower Upper

42 100

72 56.9 45.8 68.6

71 51.1 44.6 66.8



#30

Chloroform

Concen: 20.139 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074579.D

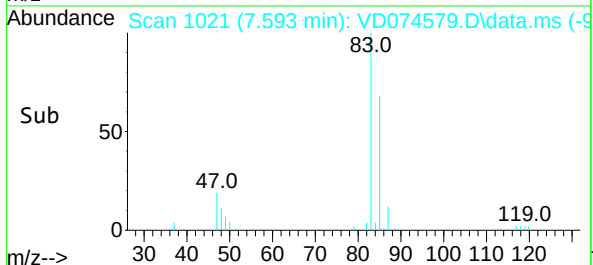
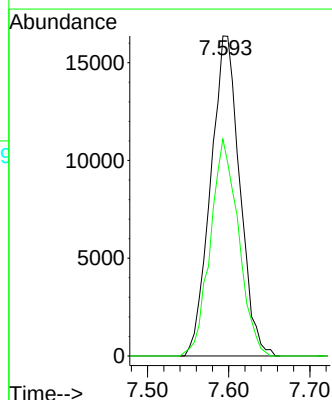
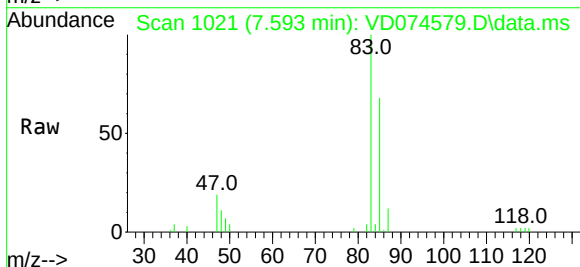
Acq: 19 Oct 2022 14:23

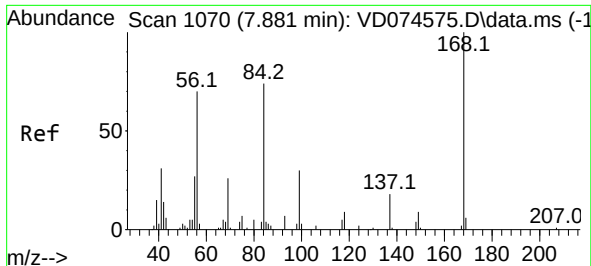
Tgt Ion: 83 Resp: 40712

Ion Ratio Lower Upper

83 100

85 67.8 52.0 78.0

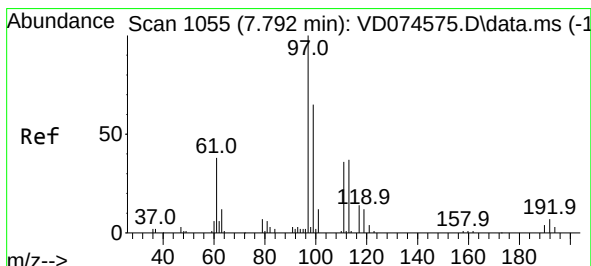
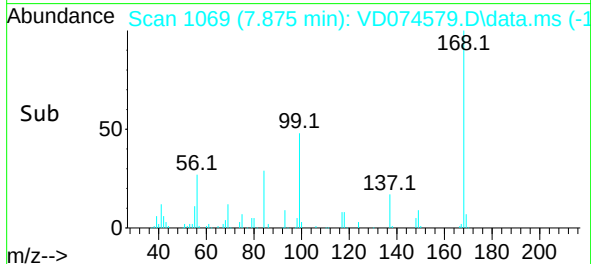
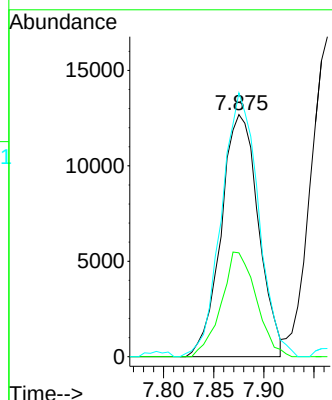
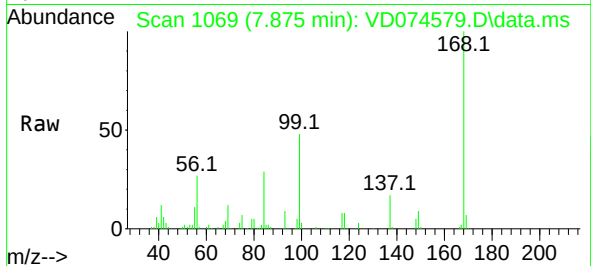




#31
Cyclohexane
Concen: 20.404 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

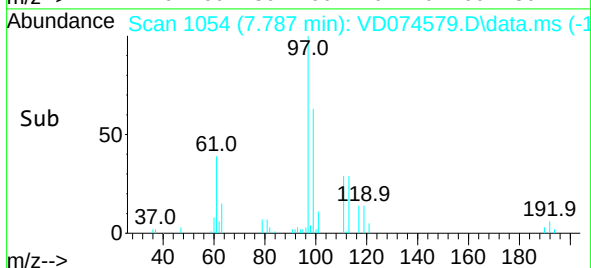
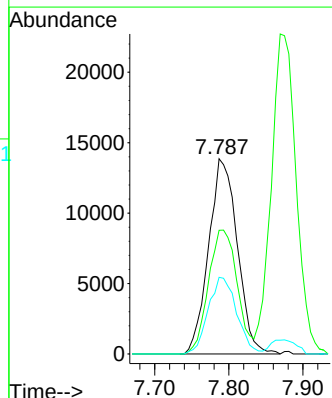
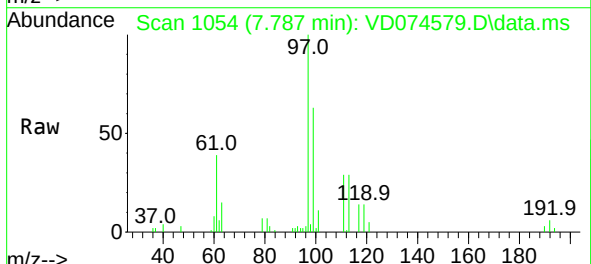
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

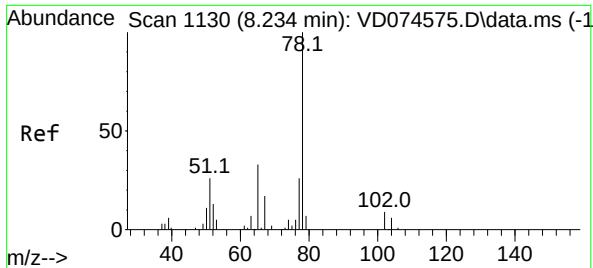
Tgt Ion: 56 Resp: 32718
Ion Ratio Lower Upper
56 100
69 42.9 29.2 43.8
84 109.0 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 20.107 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 97 Resp: 37275
Ion Ratio Lower Upper
97 100
99 64.0 53.3 79.9
61 39.0 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 19.553 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

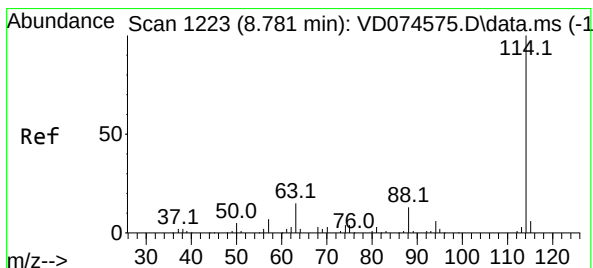
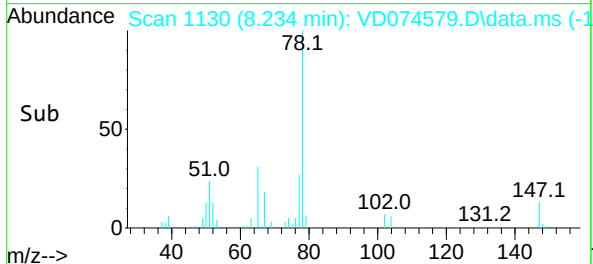
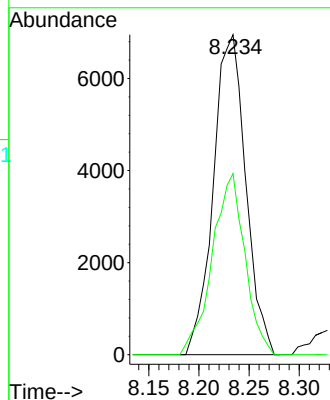
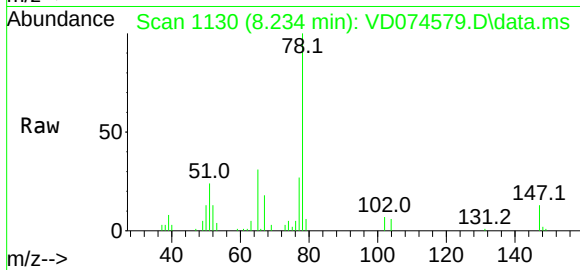
VSTDIC020

Tgt Ion: 65 Resp: 15609

Ion Ratio Lower Upper

65 100

67 56.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

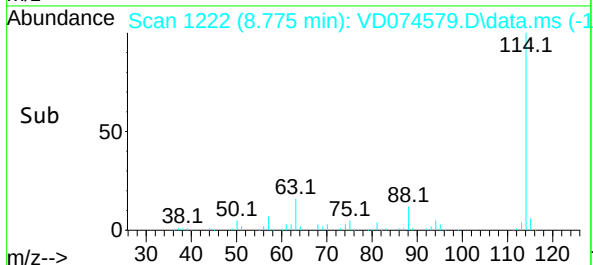
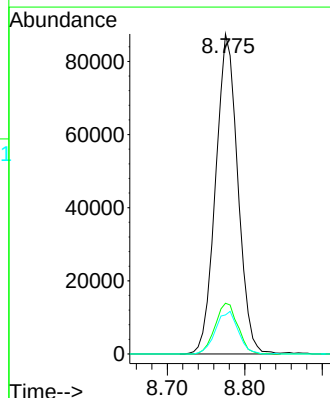
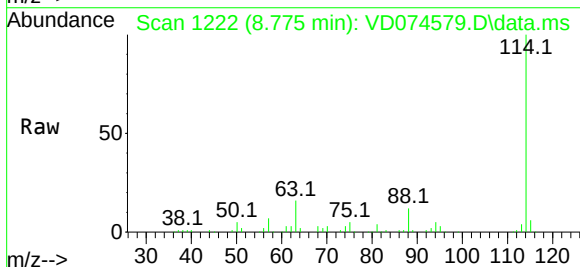
Tgt Ion: 114 Resp: 173850

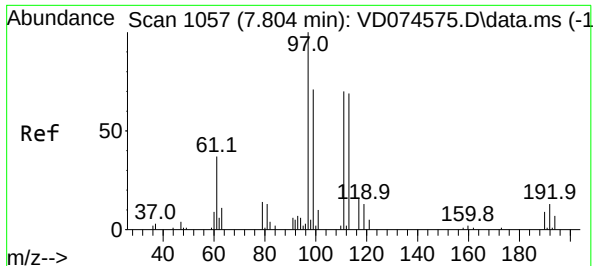
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.2

88 12.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 18.008 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.001 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

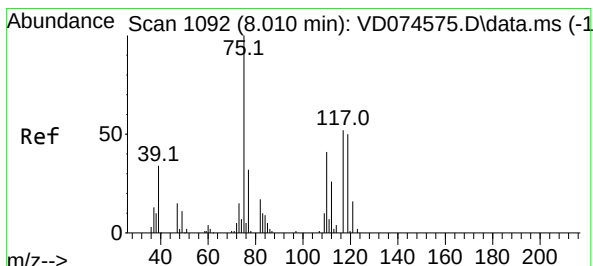
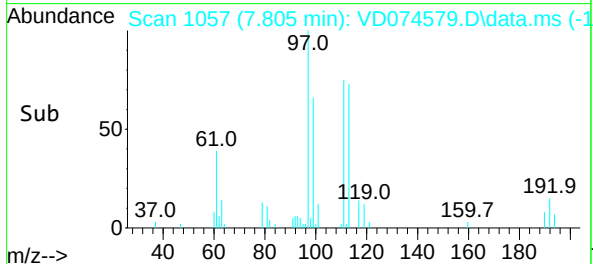
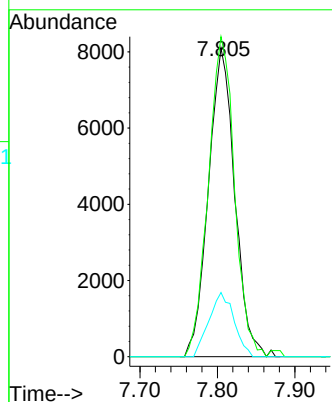
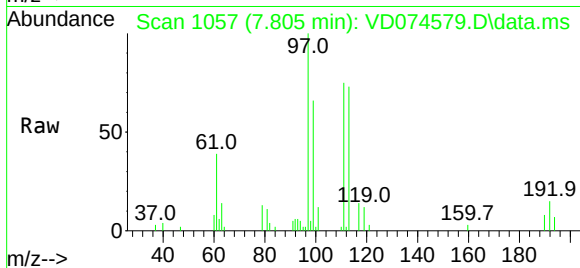
Tgt Ion:113 Resp: 19174

Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 19.7 16.4 24.6



#36

1,1-Dichloropropene

Concen: 20.386 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.001 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

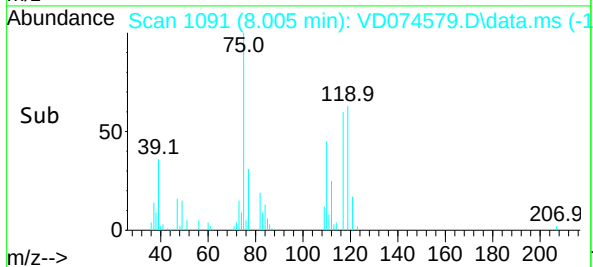
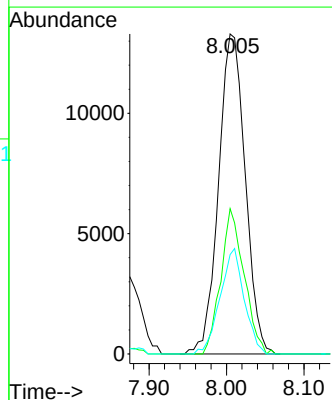
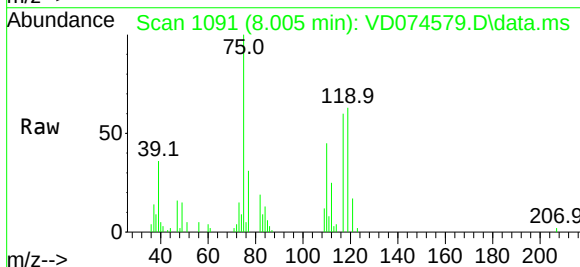
Tgt Ion: 75 Resp: 31838

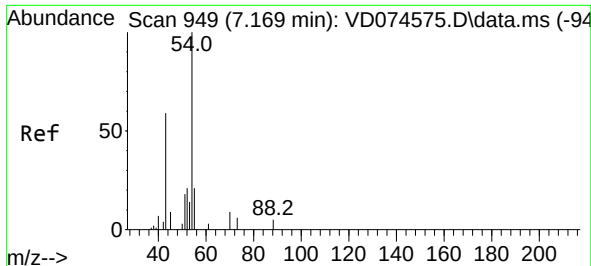
Ion Ratio Lower Upper

75 100

110 39.7 19.7 59.0

77 29.8 25.4 38.2





#37

Ethyl Acetate

Concen: 20.347 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

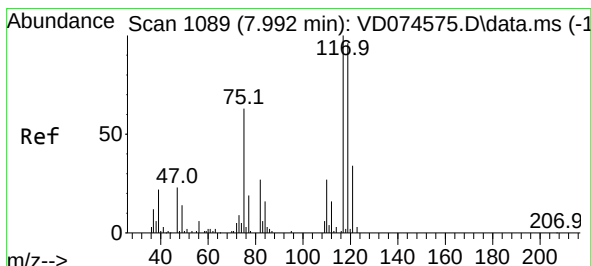
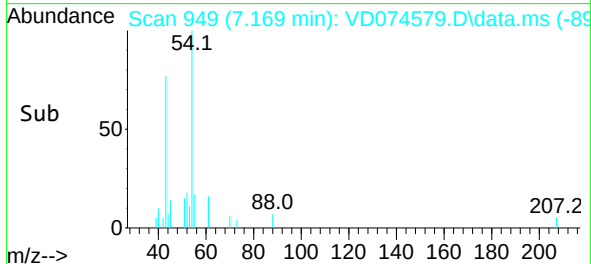
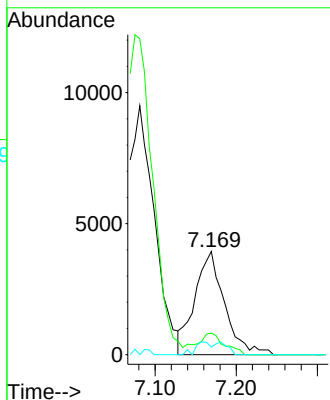
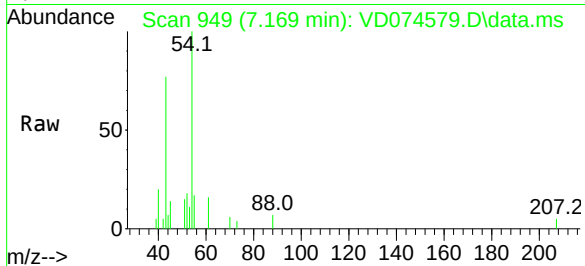
Tgt Ion: 43 Resp: 10026

Ion Ratio Lower Upper

43 100

61 16.8 12.2 18.4

70 6.5 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 19.567 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

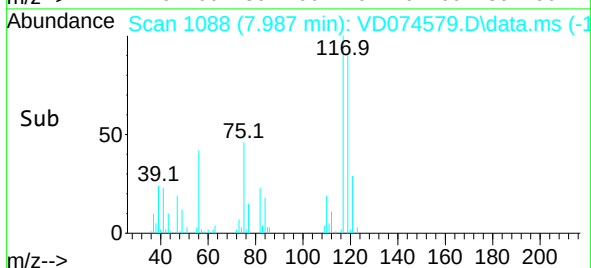
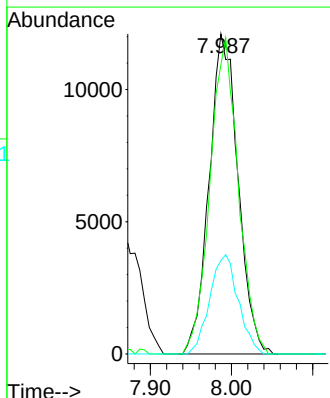
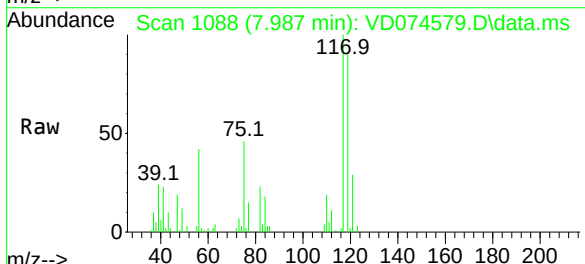
Tgt Ion: 117 Resp: 29924

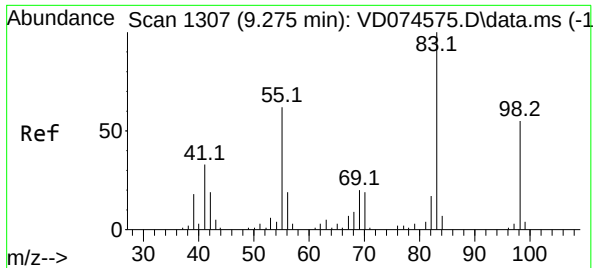
Ion Ratio Lower Upper

117 100

119 90.4 73.1 109.7

121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 20.193 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

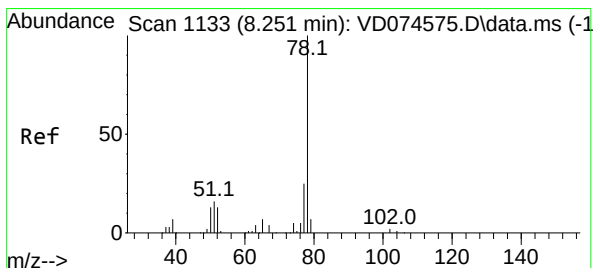
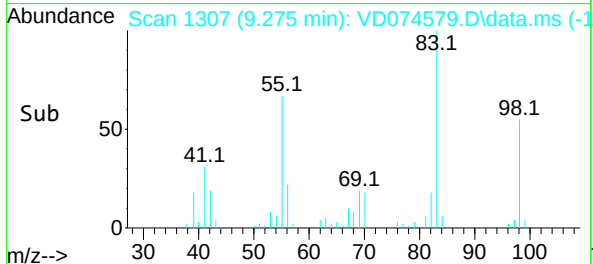
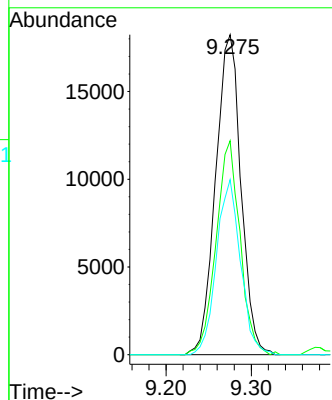
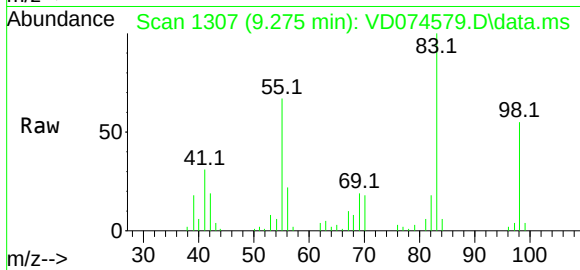
Tgt Ion: 83 Resp: 37681

Ion Ratio Lower Upper

83 100

55 66.8 49.0 73.4

98 54.7 41.7 62.5



#40

Benzene

Concen: 20.341 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074579.D

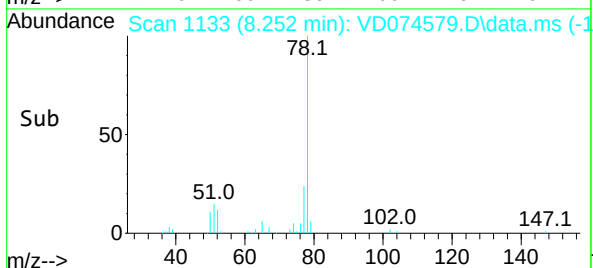
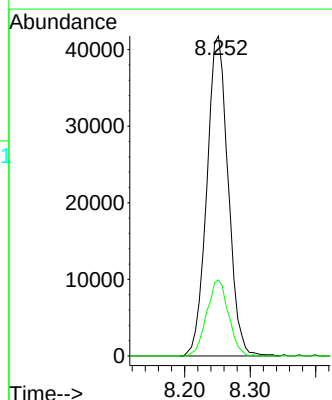
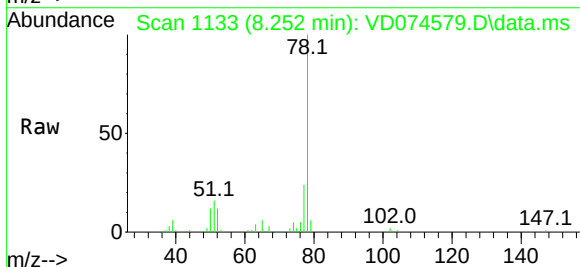
Acq: 19 Oct 2022 14:23

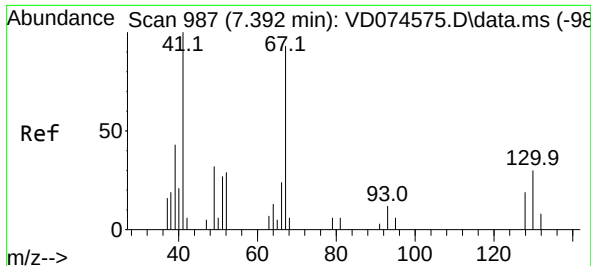
Tgt Ion: 78 Resp: 94280

Ion Ratio Lower Upper

78 100

77 23.8 20.1 30.1



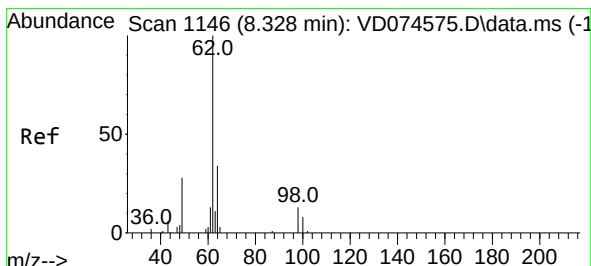
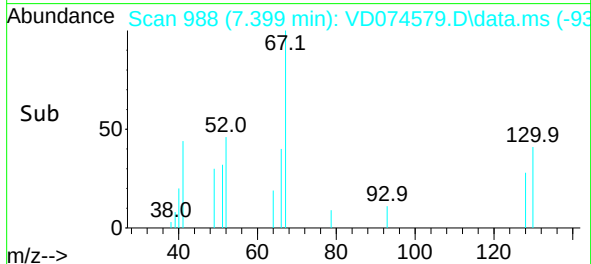
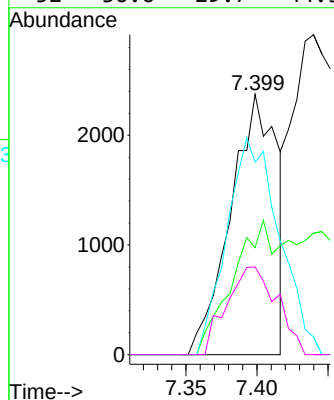
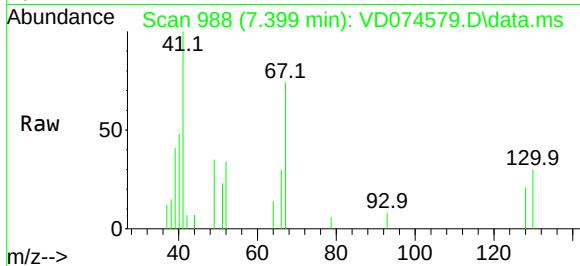


#41
Methacrylonitrile
Concen: 17.503 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 5368

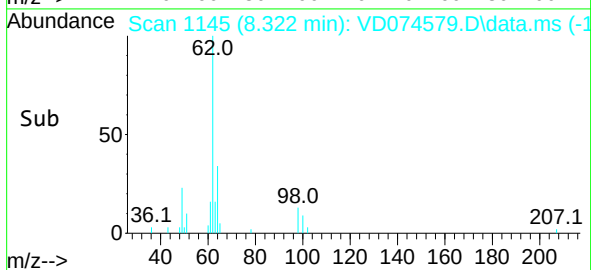
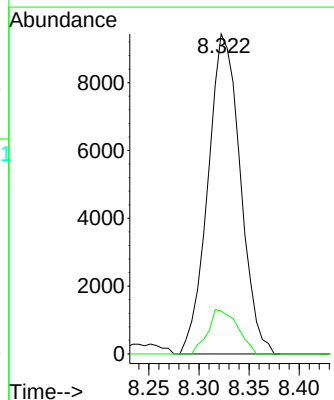
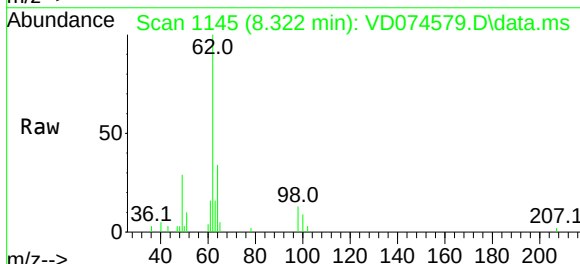
Ion	Ratio	Lower	Upper
41	100		
39	50.1	35.0	52.6
67	94.7	77.0	115.6
52	36.6	29.7	44.5

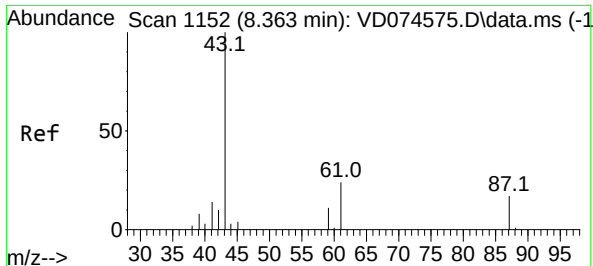


#42
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 62 Resp: 21204

Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	24.2





#43

Isopropyl Acetate

Concen: 19.560 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

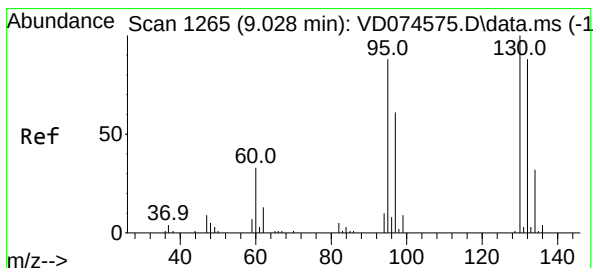
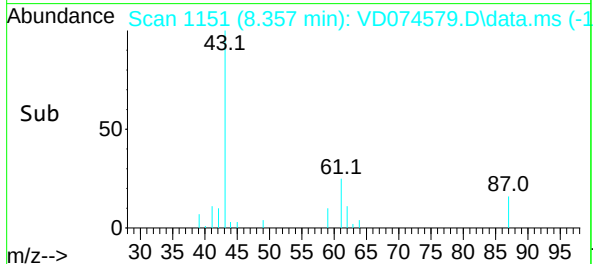
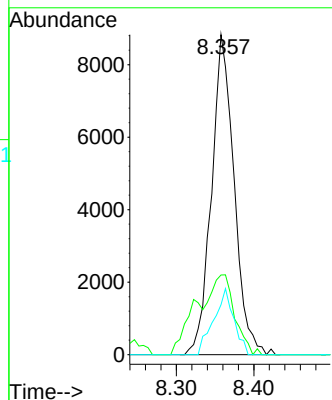
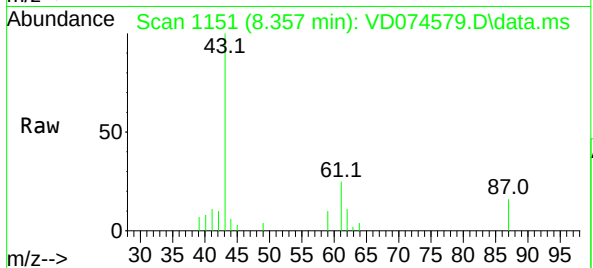
Tgt Ion: 43 Resp: 17912

Ion Ratio Lower Upper

43 100

61 27.7 30.9 46.3#

87 18.3 14.3 21.5



#44

Trichloroethene

Concen: 20.040 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074579.D

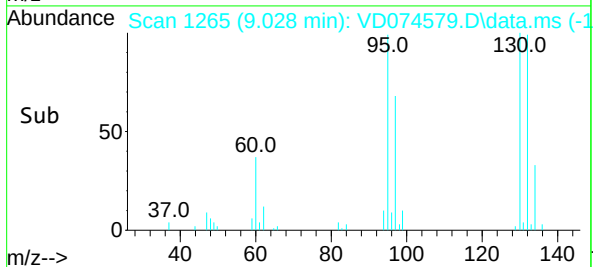
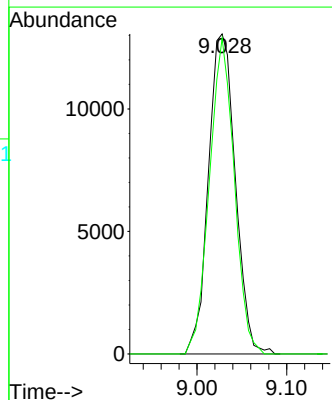
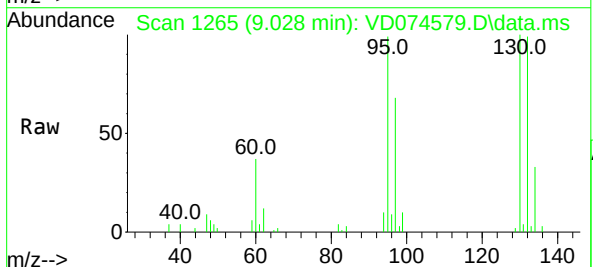
Acq: 19 Oct 2022 14:23

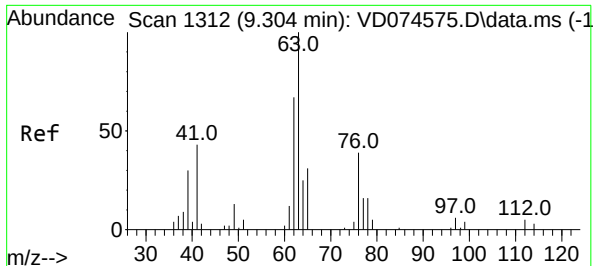
Tgt Ion:130 Resp: 27212

Ion Ratio Lower Upper

130 100

95 98.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 18.127 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

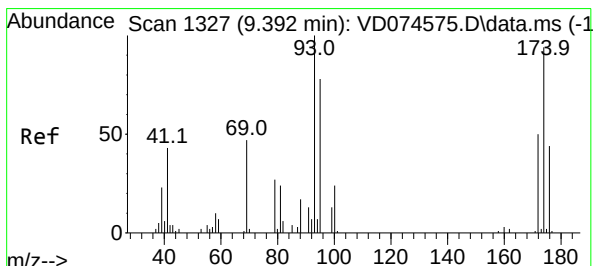
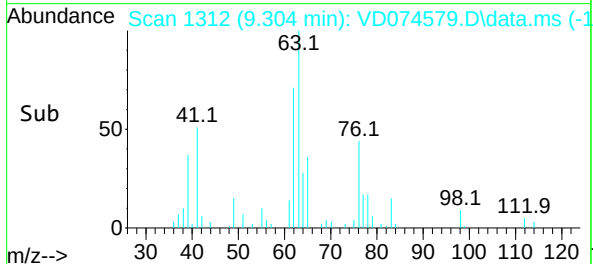
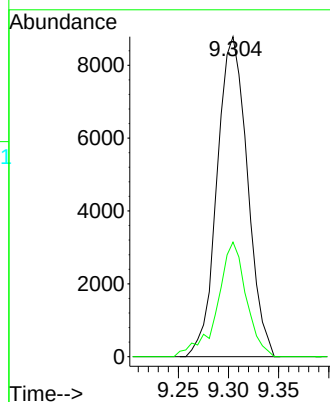
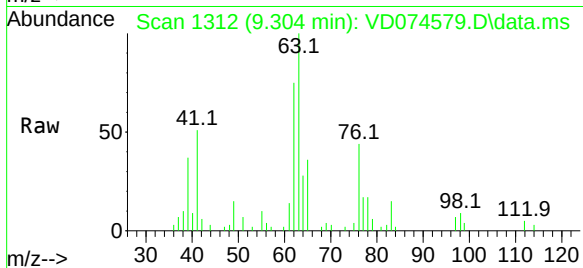
VSTDIC020

Tgt Ion: 63 Resp: 18439

Ion Ratio Lower Upper

63 100

65 35.8 23.1 34.7#



#46

Dibromomethane

Concen: 18.447 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.012 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

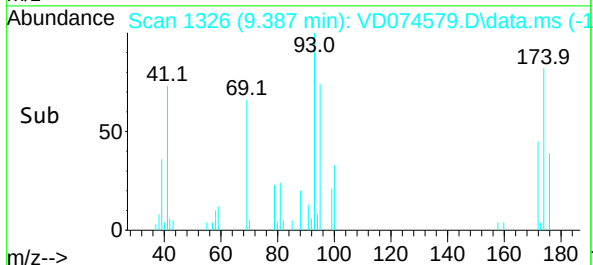
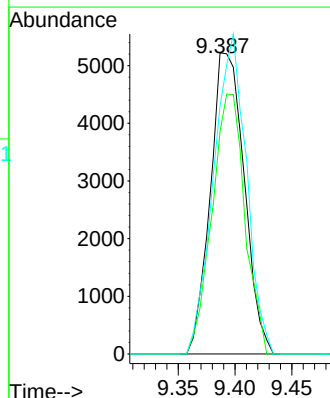
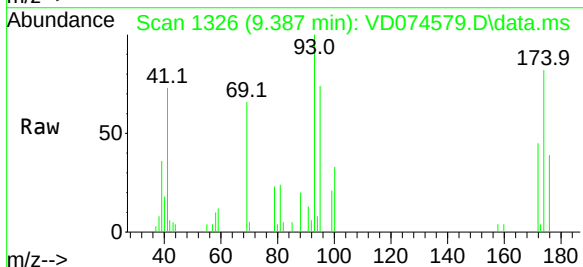
Tgt Ion: 93 Resp: 10828

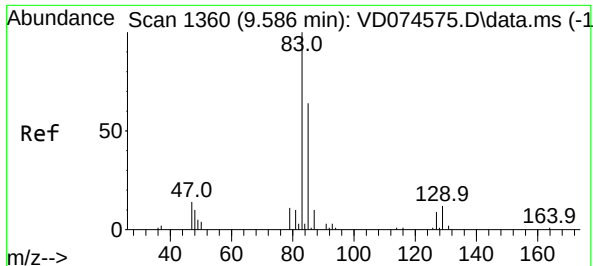
Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

174 102.4 87.4 131.0





#47

Bromodichloromethane

Concen: 18.718 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

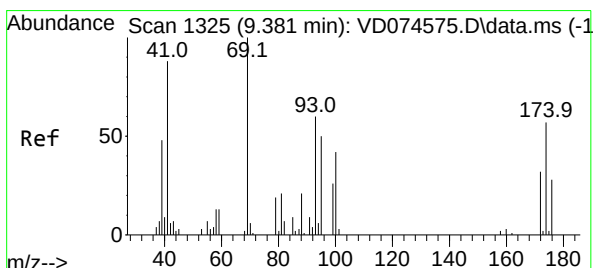
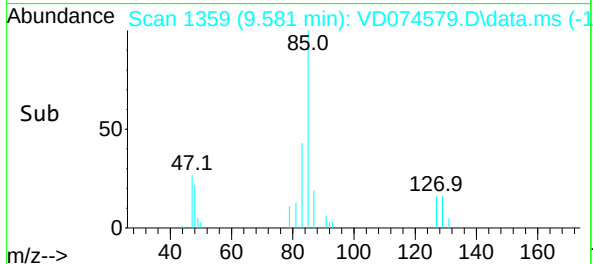
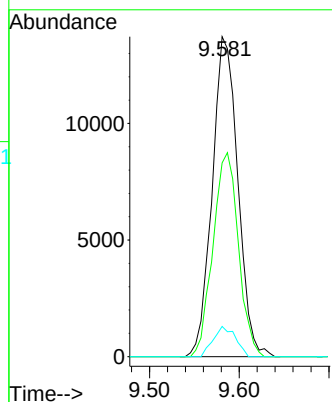
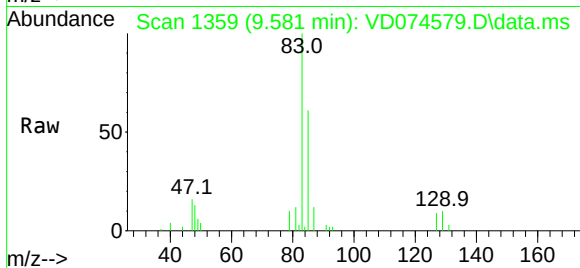
Tgt Ion: 83 Resp: 27183

Ion Ratio Lower Upper

83 100

85 60.5 48.8 73.2

127 9.5 6.7 10.1



#48

Methyl methacrylate

Concen: 19.560 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

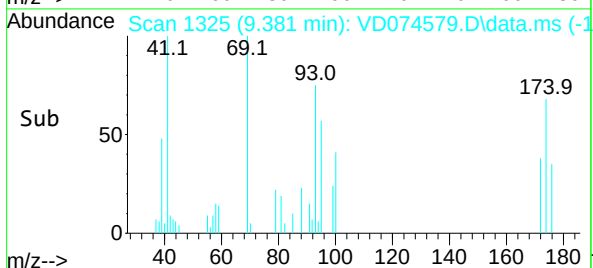
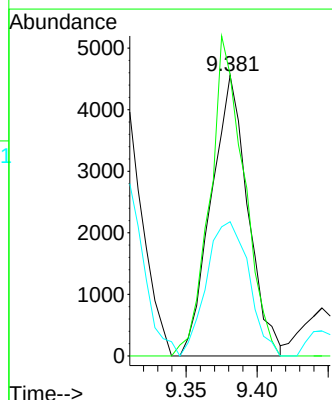
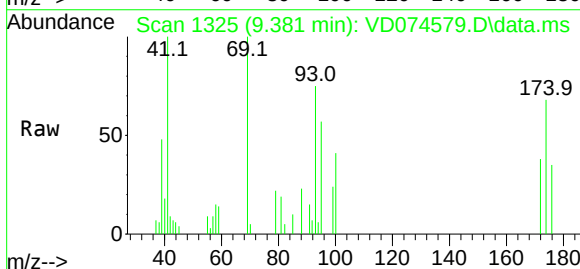
Tgt Ion: 41 Resp: 8186

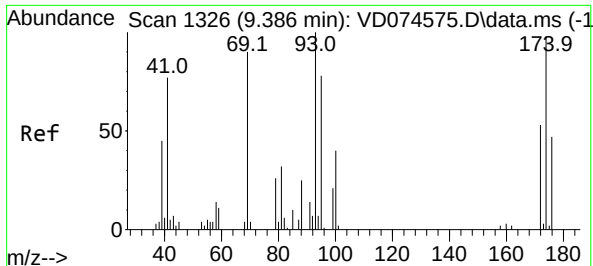
Ion Ratio Lower Upper

41 100

69 105.9 93.0 139.4

39 55.3 44.6 66.8





#49

1,4-Dioxane

Concen: 374.417 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

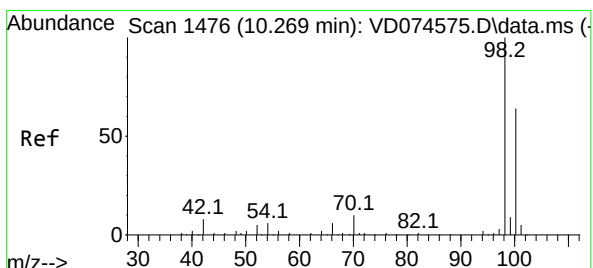
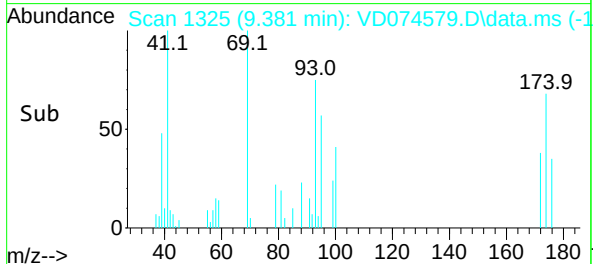
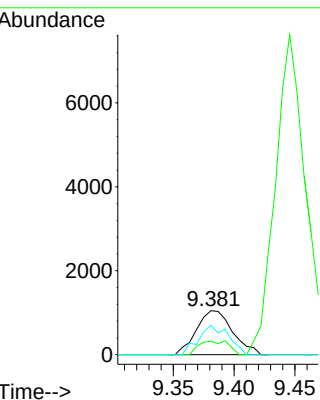
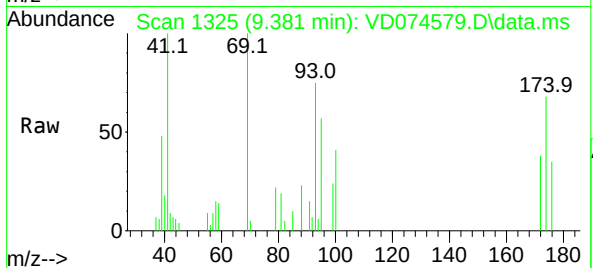
Tgt Ion: 88 Resp: 2163

Ion Ratio Lower Upper

88 100

43 25.6 24.1 36.1

58 55.3 43.1 64.7



#50

Toluene-d8

Concen: 18.654 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074579.D

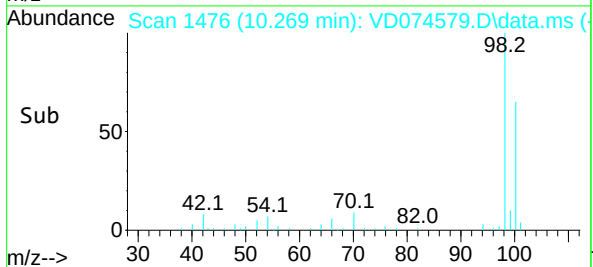
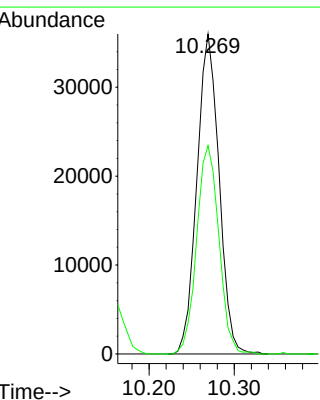
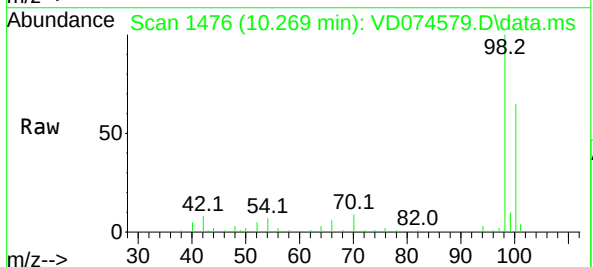
Acq: 19 Oct 2022 14:23

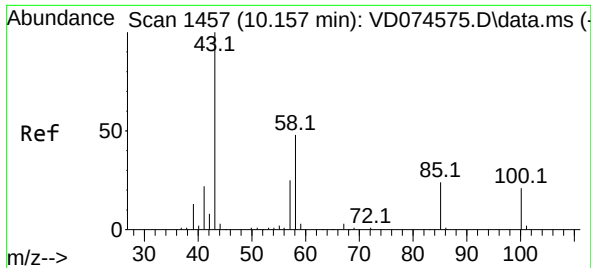
Tgt Ion: 98 Resp: 64911

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

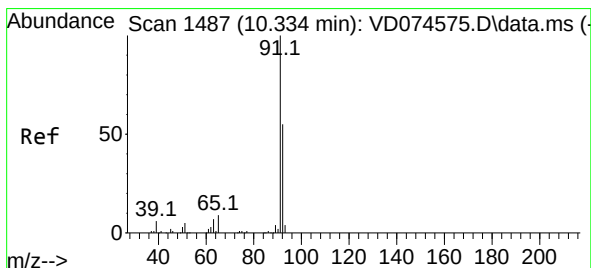
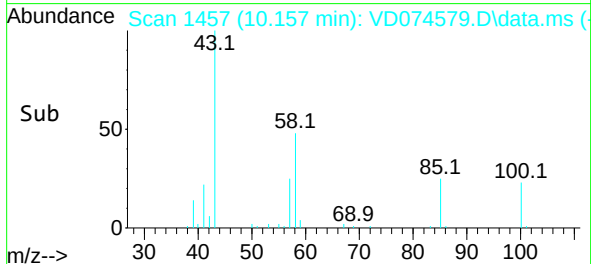
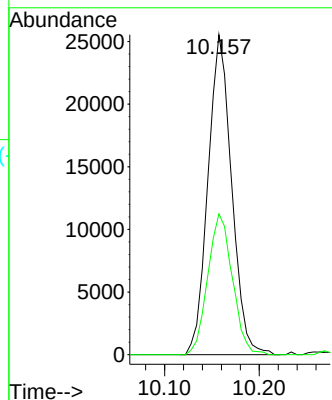
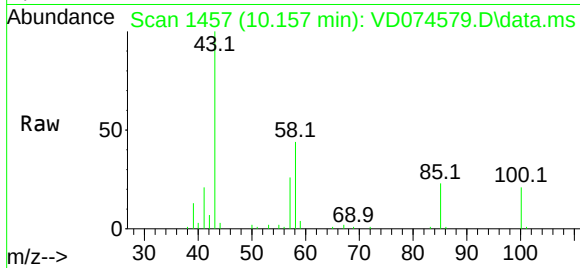




#51
4-Methyl-2-Pentanone
Concen: 97.325 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

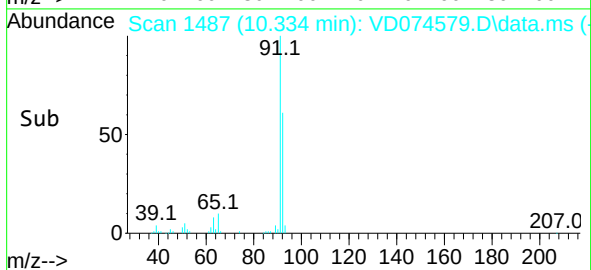
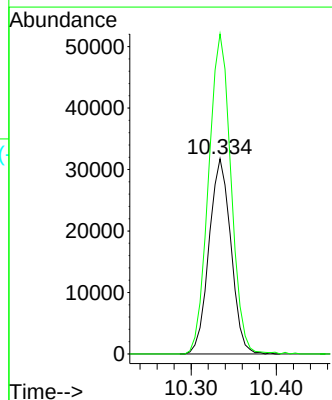
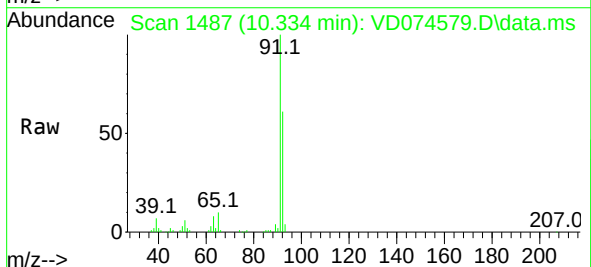
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

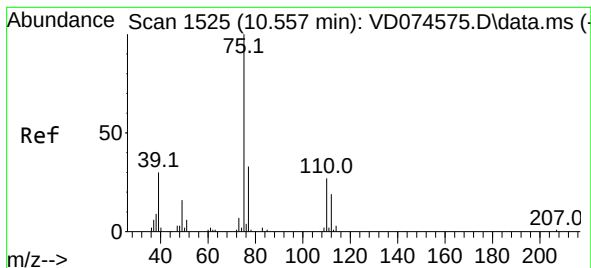
Tgt Ion: 43 Resp: 44331
Ion Ratio Lower Upper
43 100
58 45.7 37.8 56.6



#52
Toluene
Concen: 19.772 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 92 Resp: 56519
Ion Ratio Lower Upper
92 100
91 168.2 139.0 208.4

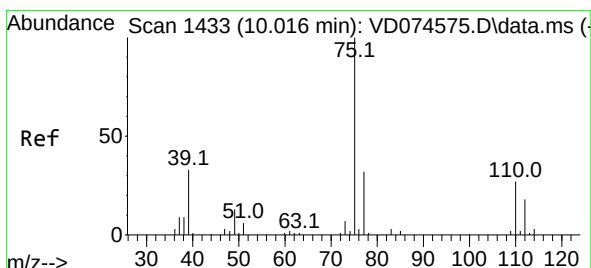
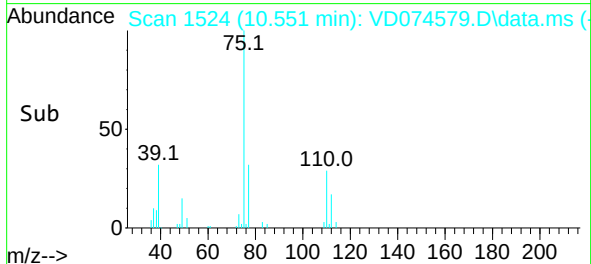
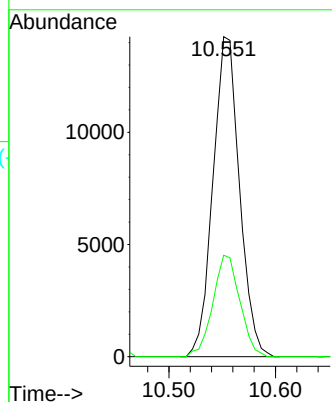
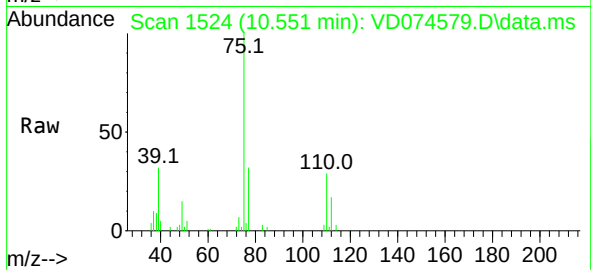




#53
t-1,3-Dichloropropene
Concen: 19.308 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

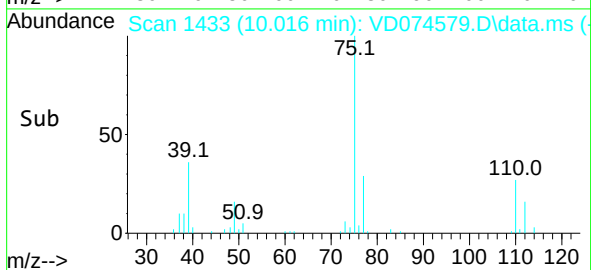
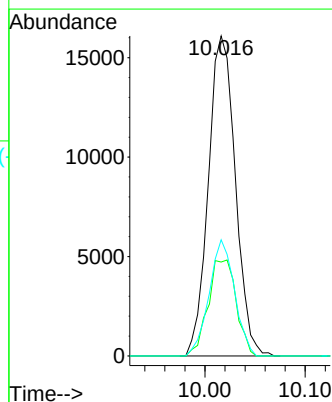
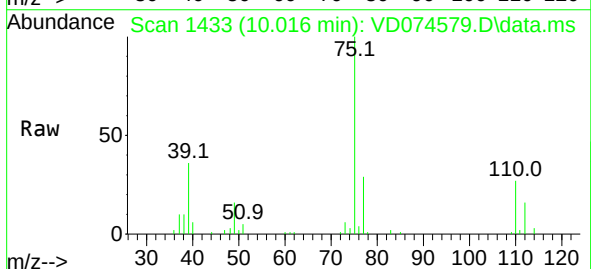
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

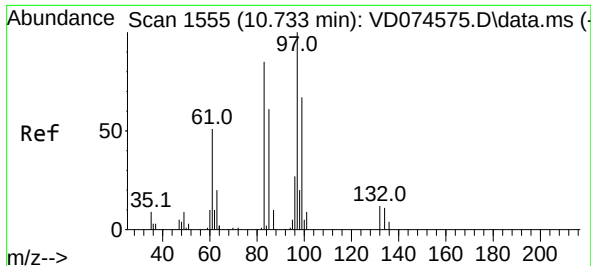
Tgt Ion: 75 Resp: 24654
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 18.732 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 75 Resp: 30158
Ion Ratio Lower Upper
75 100
77 29.4 24.7 37.1
39 36.3 25.4 38.2

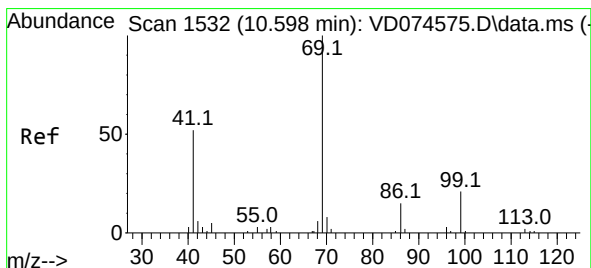
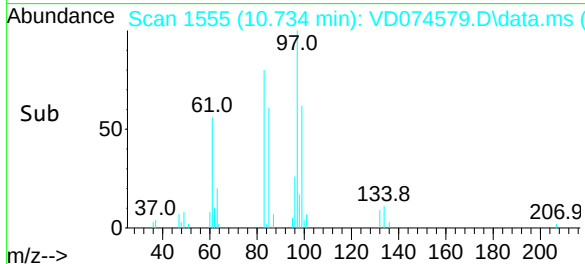
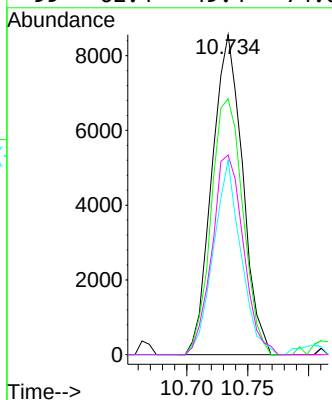
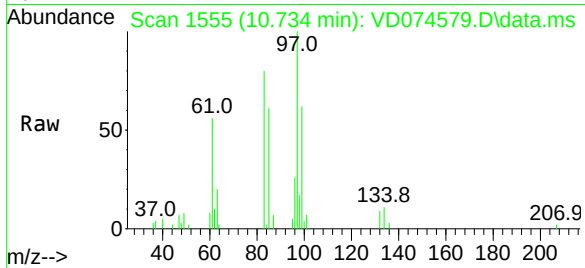




#55
1,1,2-Trichloroethane
Concen: 18.545 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

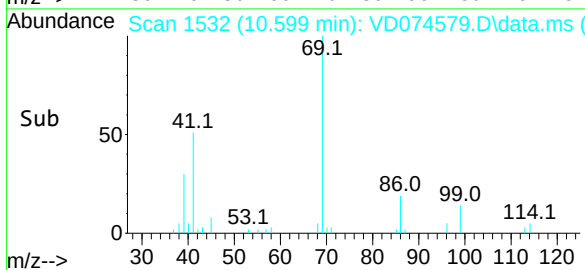
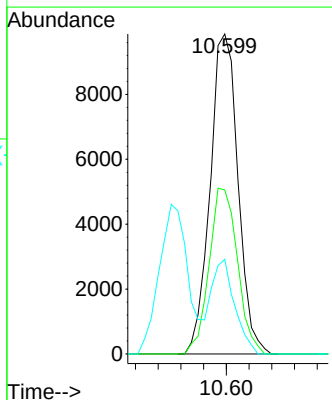
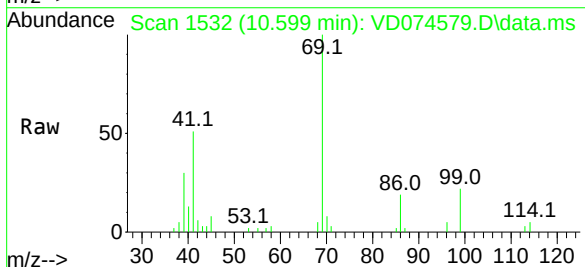
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

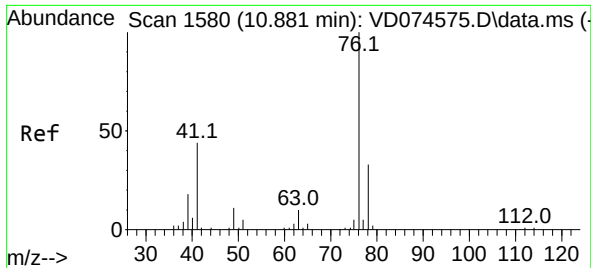
Tgt Ion: 97	Resp: 14956
Ion Ratio	Lower Upper
97 100	
83 80.0	64.8 97.2
85 60.8	44.8 67.2
99 62.4	49.4 74.0



#56
Ethyl methacrylate
Concen: 19.079 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 69	Resp: 16819
Ion Ratio	Lower Upper
69 100	
41 52.7	38.6 58.0
39 24.2	19.9 29.9





#57

1,3-Dichloropropane

Concen: 18.978 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

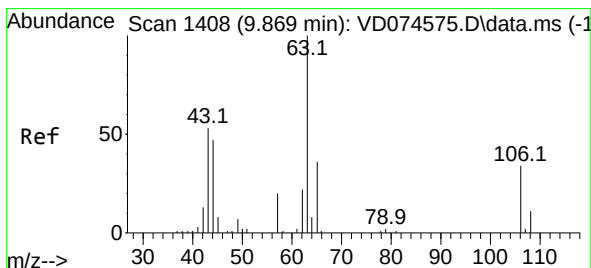
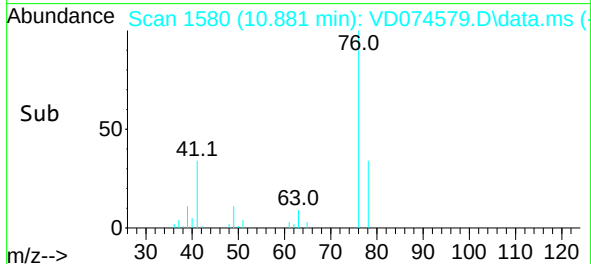
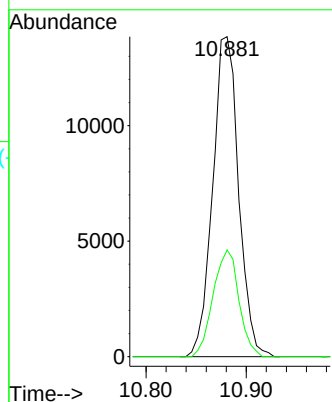
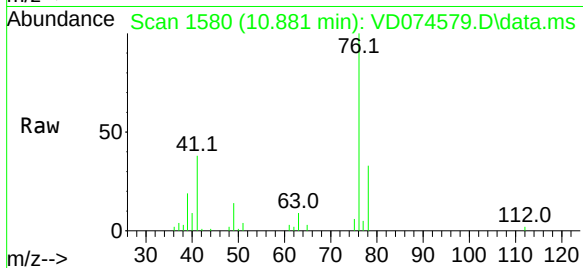
VSTDIC020

Tgt Ion: 76 Resp: 24828

Ion Ratio Lower Upper

76 100

78 33.1 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 74.966 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD074579.D

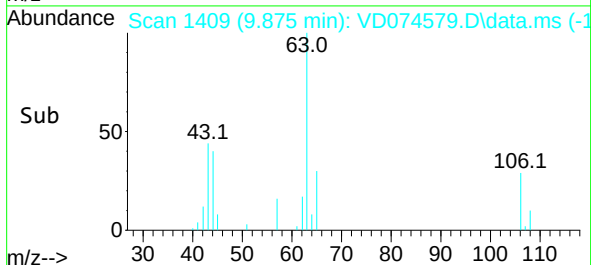
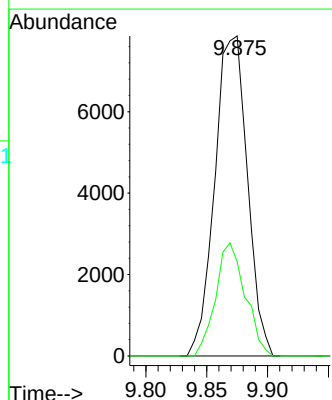
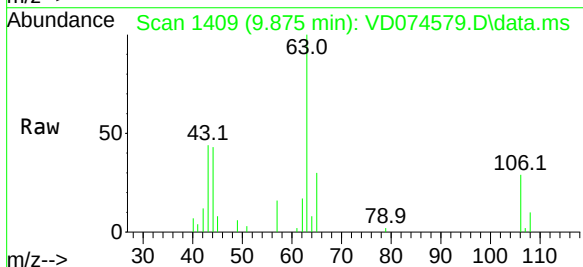
Acq: 19 Oct 2022 14:23

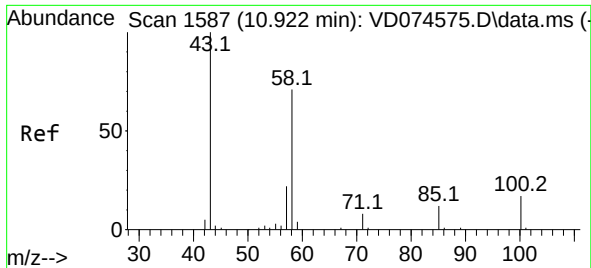
Tgt Ion: 63 Resp: 14649

Ion Ratio Lower Upper

63 100

106 32.1 26.5 39.7

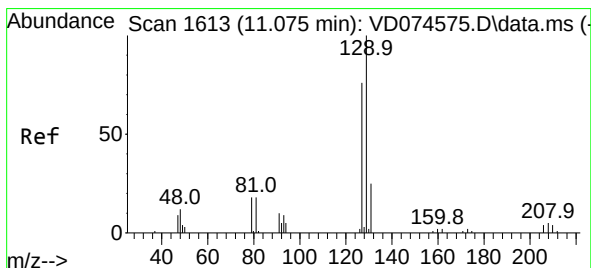
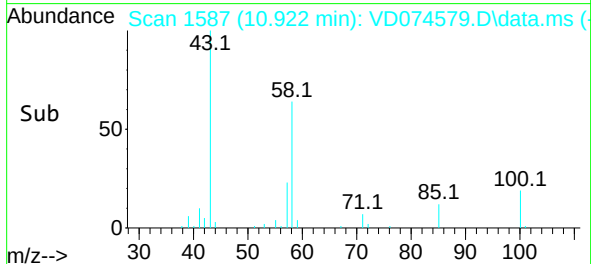
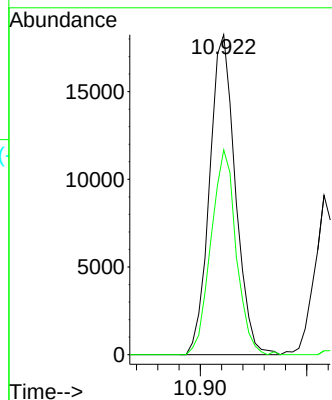
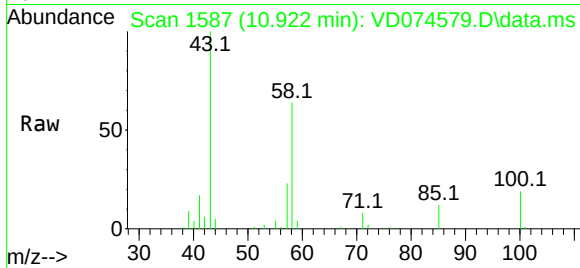




#59
2-Hexanone
Concen: 98.586 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

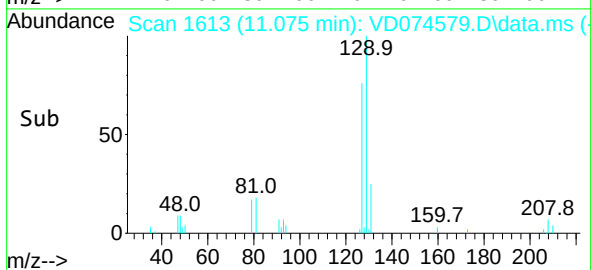
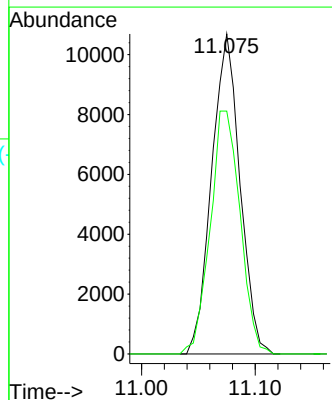
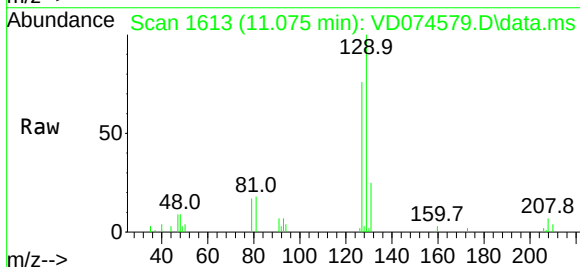
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

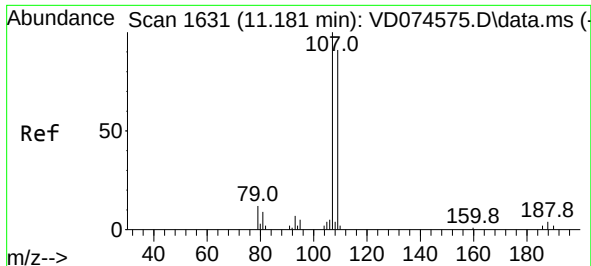
Tgt Ion: 43 Resp: 30650
Ion Ratio Lower Upper
43 100
58 62.5 32.0 96.2



#60
Dibromochloromethane
Concen: 19.038 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 129 Resp: 18506
Ion Ratio Lower Upper
129 100
127 80.1 39.1 117.2

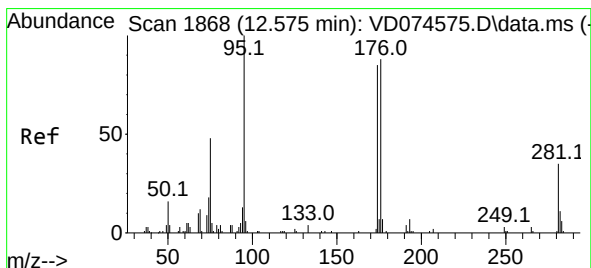
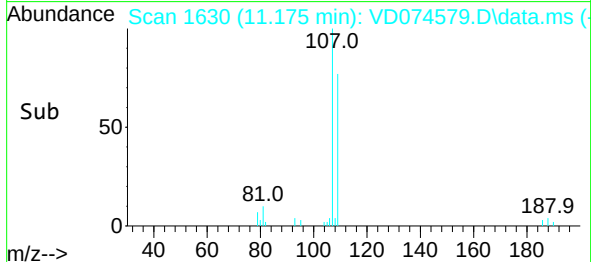
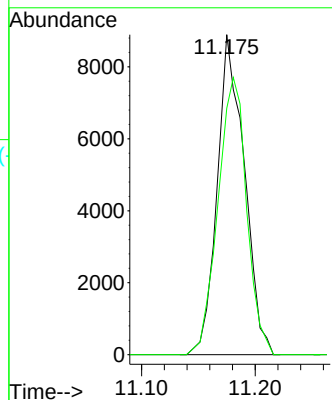
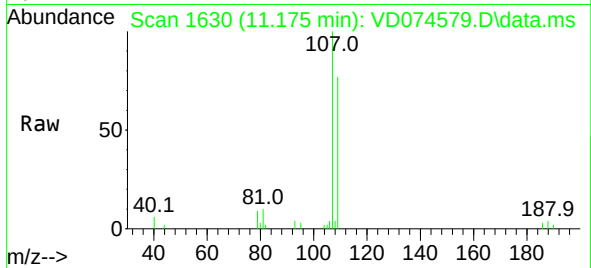




#61
1,2-Dibromoethane
Concen: 20.025 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

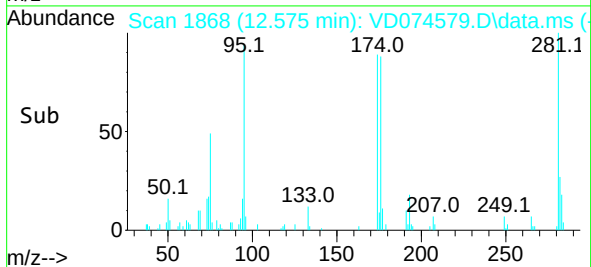
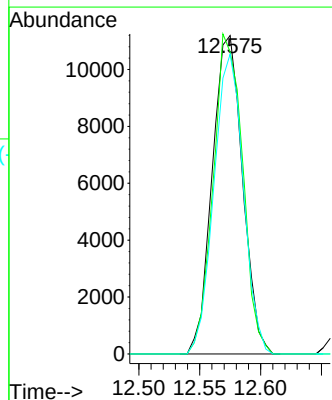
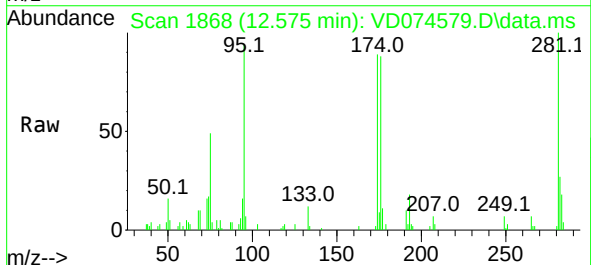
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

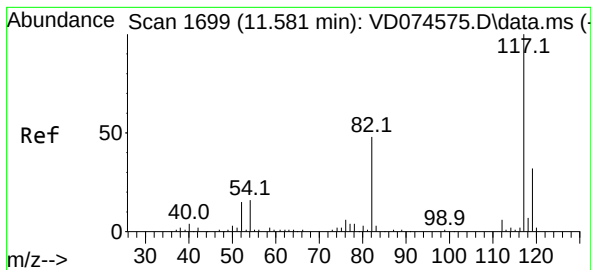
Tgt Ion:107 Resp: 14742
Ion Ratio Lower Upper
107 100
109 91.7 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 16.785 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 95 Resp: 19320
Ion Ratio Lower Upper
95 100
174 97.4 0.0 197.0
176 91.6 0.0 182.6

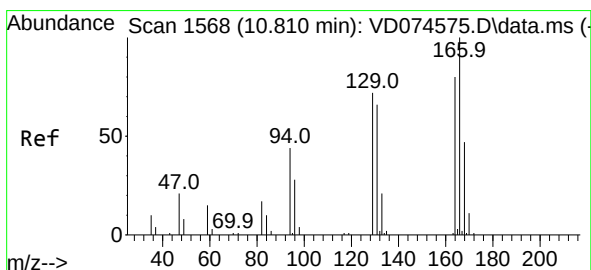
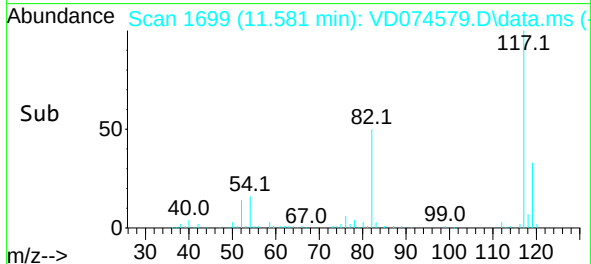
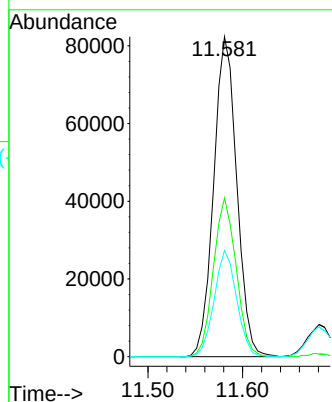
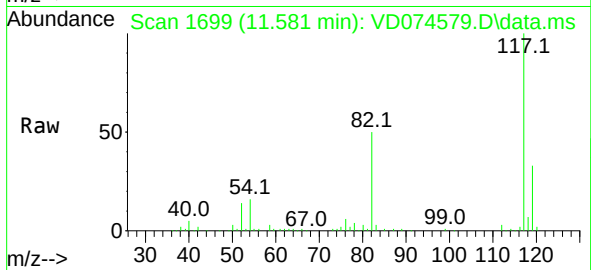




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

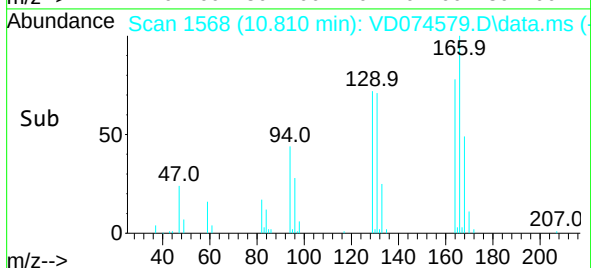
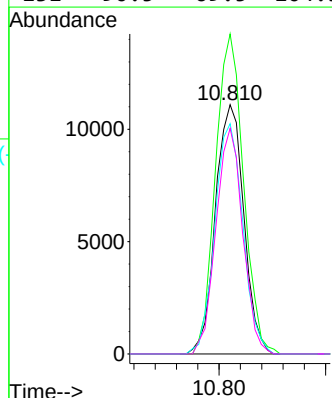
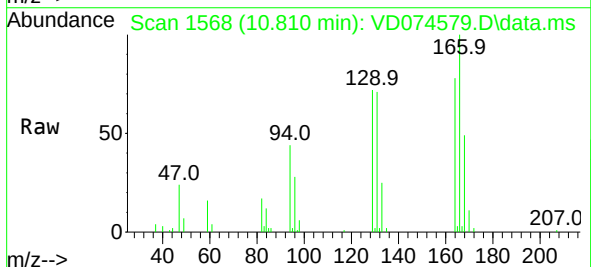
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

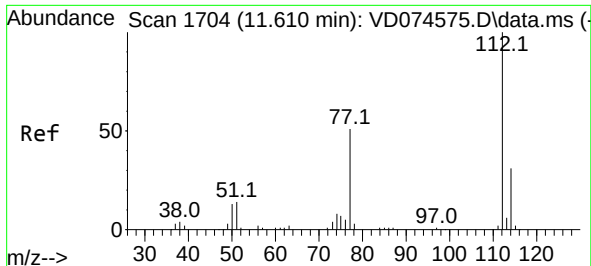
Tgt Ion:117 Resp: 139466
Ion Ratio Lower Upper
117 100
82 49.6 41.6 62.4
119 33.3 25.2 37.8



#64
Tetrachloroethene
Concen: 19.846 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:164 Resp: 20459
Ion Ratio Lower Upper
164 100
166 128.3 107.8 161.8
129 92.4 77.4 116.2
131 90.5 69.5 104.3

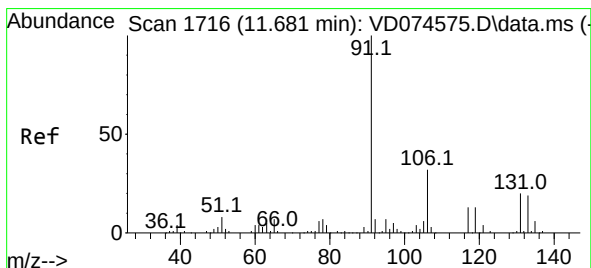
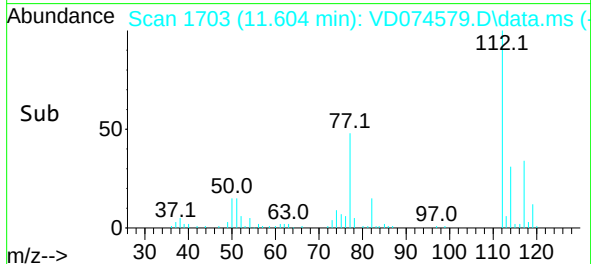
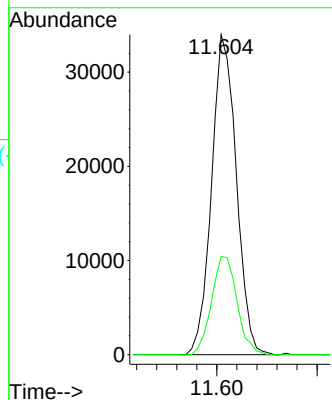
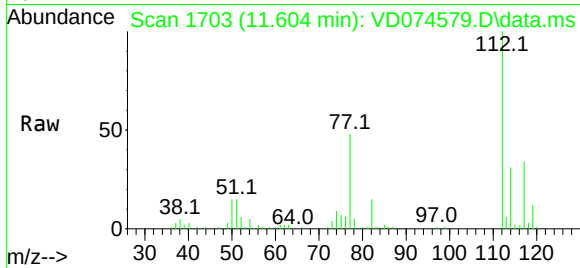




#65
Chlorobenzene
Concen: 19.821 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

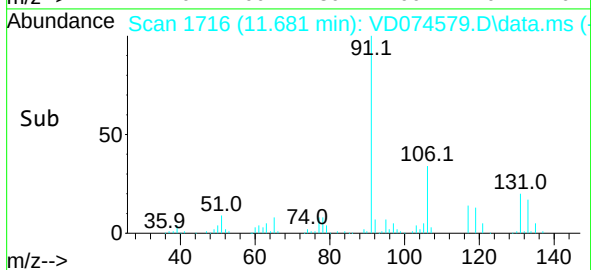
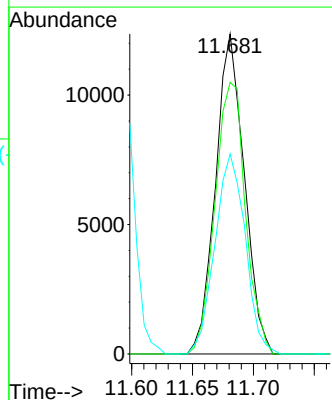
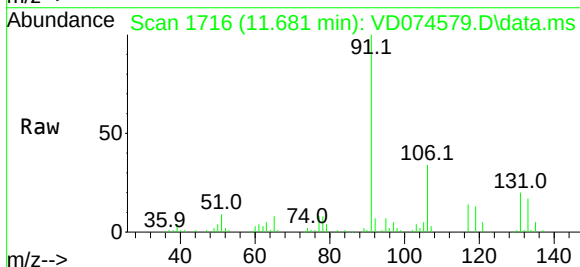
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

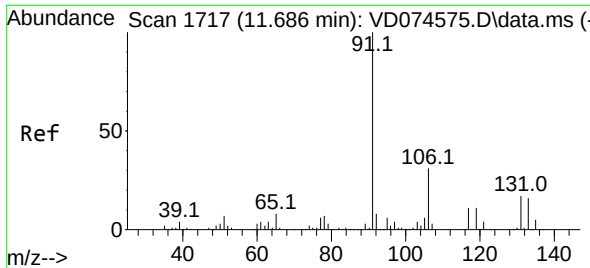
Tgt Ion:112 Resp: 58227
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.133 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:131 Resp: 20320
Ion Ratio Lower Upper
131 100
133 89.9 46.6 139.8
119 65.9 32.5 97.4

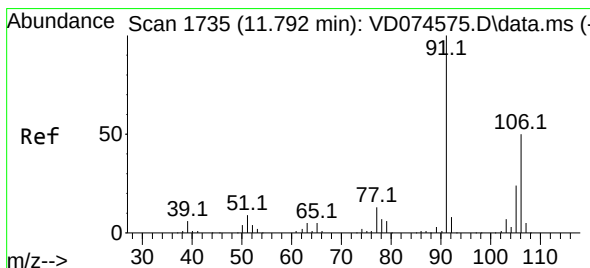
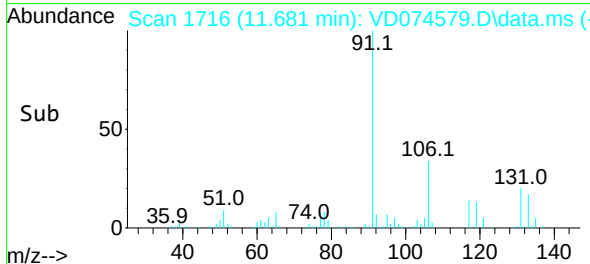
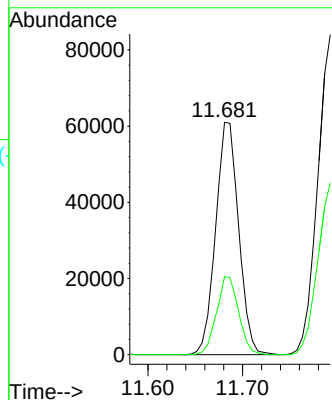
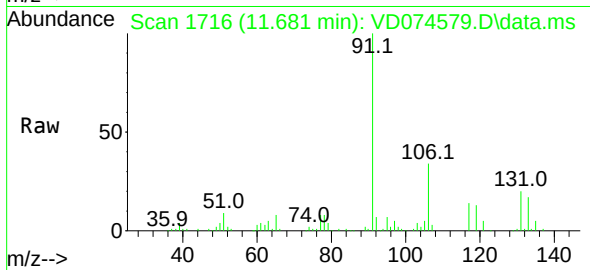




#67
Ethyl Benzene
Concen: 20.159 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

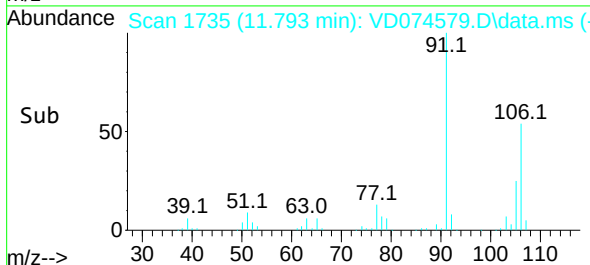
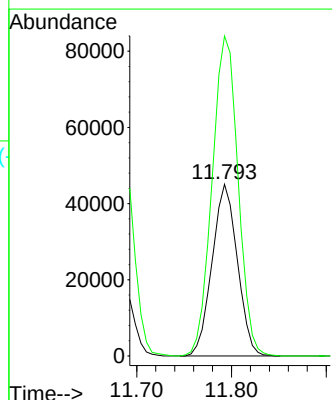
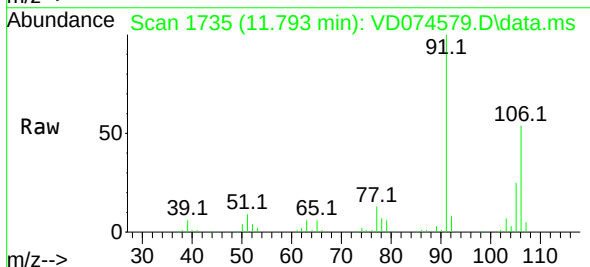
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

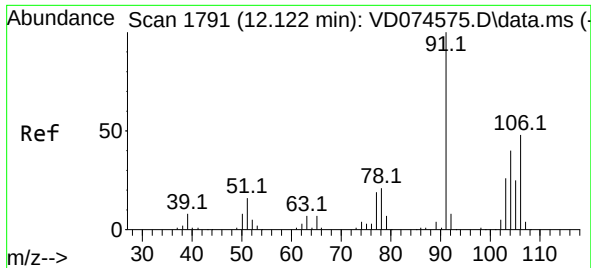
Tgt Ion: 91 Resp: 103124
Ion Ratio Lower Upper
91 100
106 33.6 26.6 40.0



#68
m/p-Xylenes
Concen: 41.006 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:106 Resp: 83405
Ion Ratio Lower Upper
106 100
91 191.5 156.2 234.4

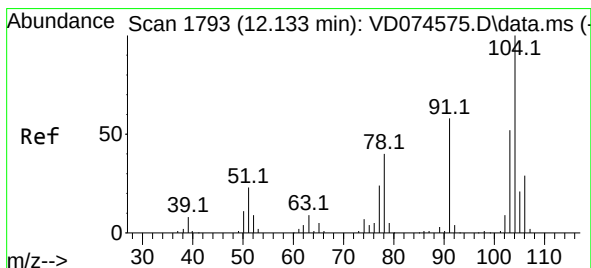
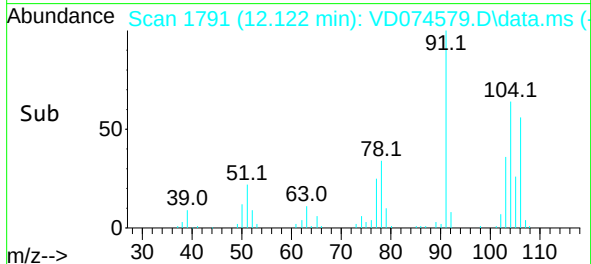
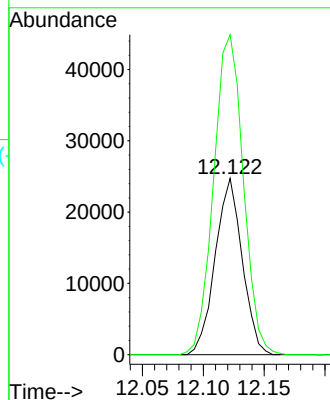
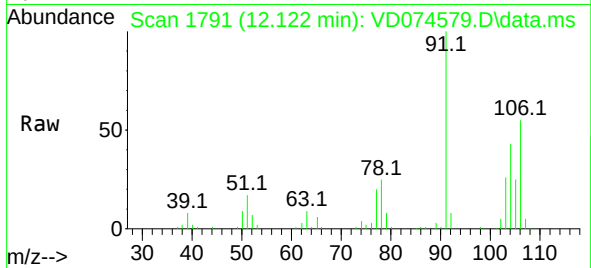




#69
o-Xylene
Concen: 20.177 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

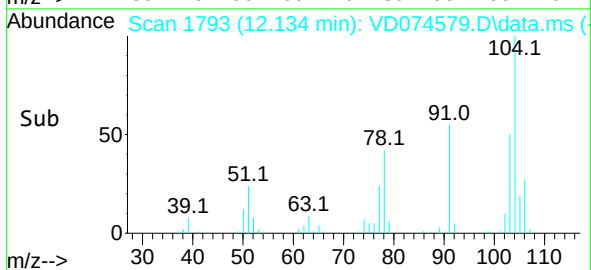
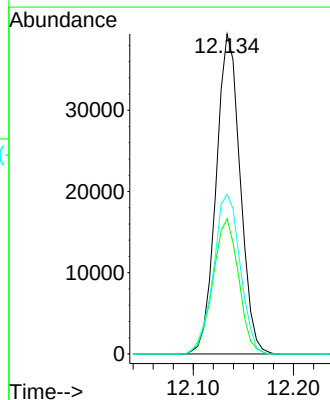
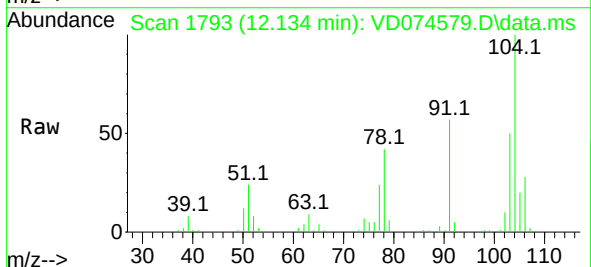
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

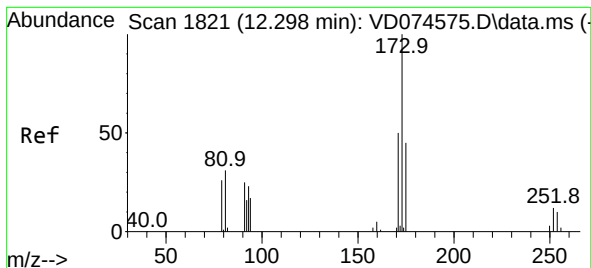
Tgt Ion:106 Resp: 38194
Ion Ratio Lower Upper
106 100
91 199.0 104.5 313.3



#70
Styrene
Concen: 20.586 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:104 Resp: 65626
Ion Ratio Lower Upper
104 100
78 45.1 35.7 53.5
103 55.5 43.7 65.5





#71

Bromoform

Concen: 20.391 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

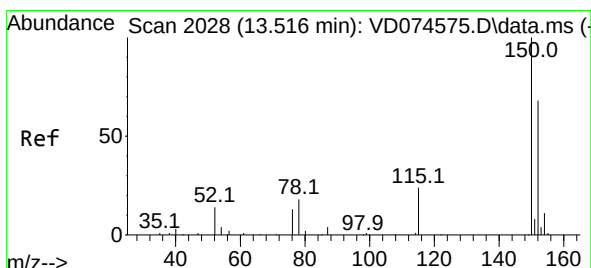
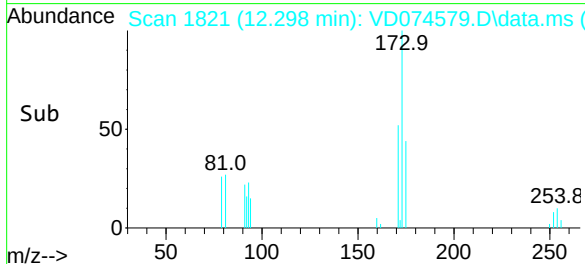
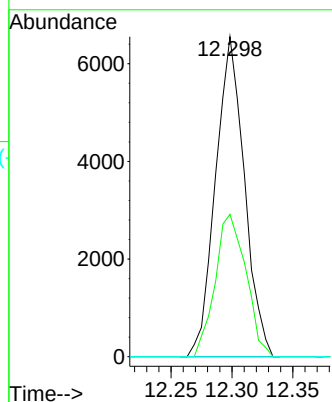
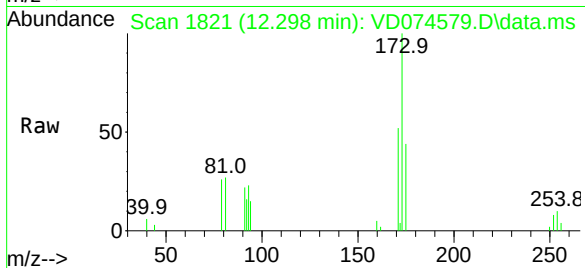
Tgt Ion:173 Resp: 10805

Ion Ratio Lower Upper

173 100

175 47.5 23.1 69.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

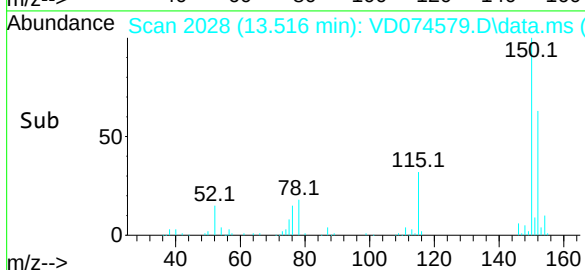
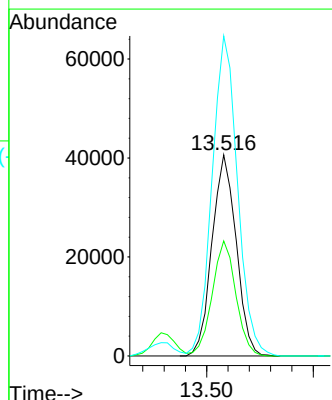
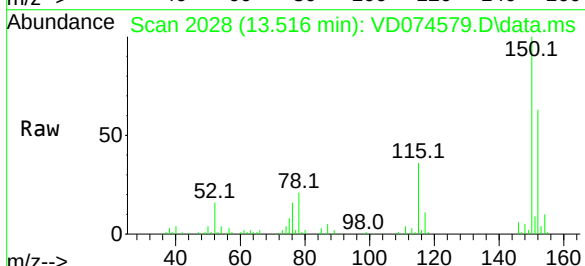
Tgt Ion:152 Resp: 64048

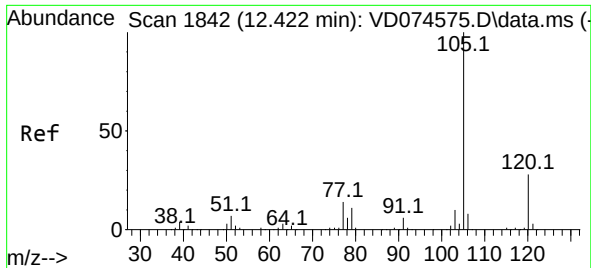
Ion Ratio Lower Upper

152 100

115 56.1 26.8 80.4

150 167.4 0.0 348.2

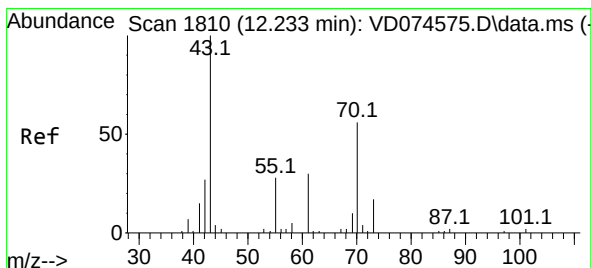
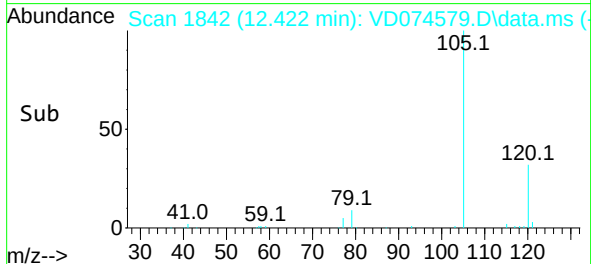
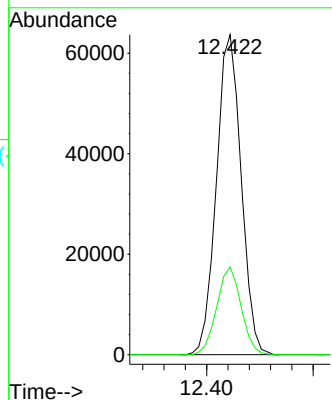
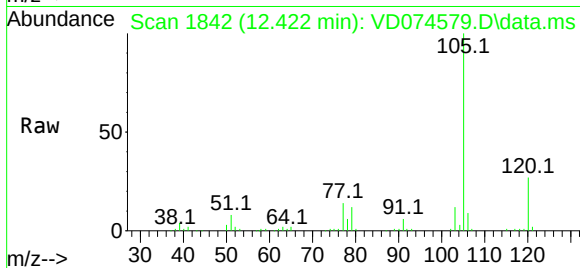




#73
Isopropylbenzene
Concen: 20.526 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

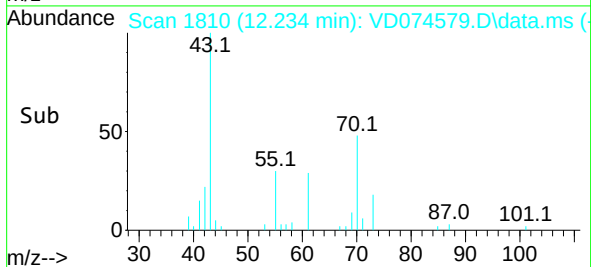
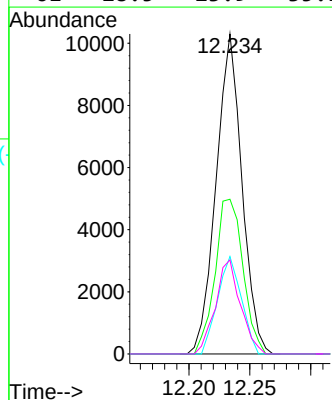
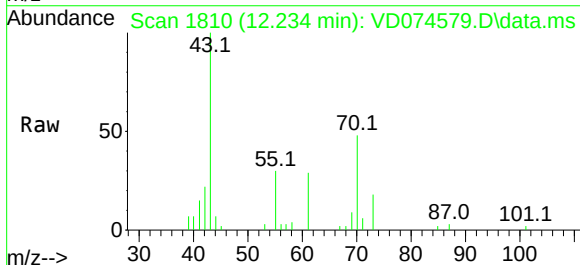
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

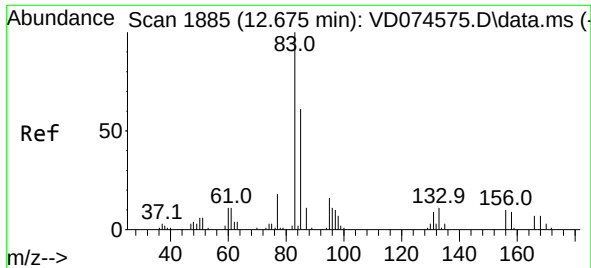
Tgt Ion:105 Resp: 102530
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 20.617 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 43 Resp: 15222
Ion Ratio Lower Upper
43 100
70 52.2 43.8 65.6
55 28.0 22.0 33.0
61 28.5 23.9 35.9

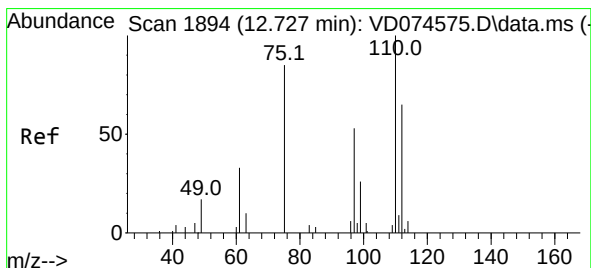
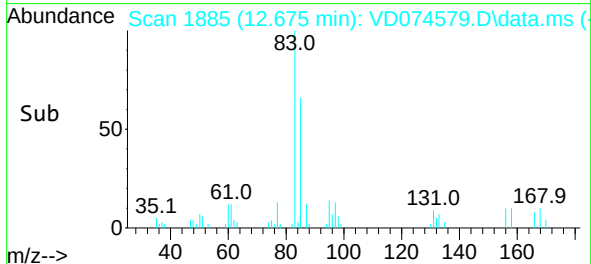
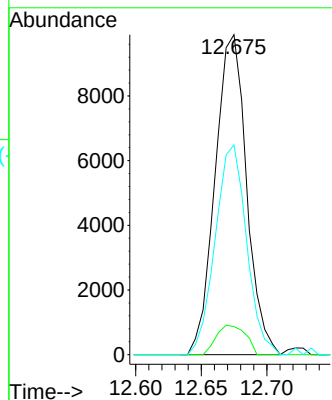
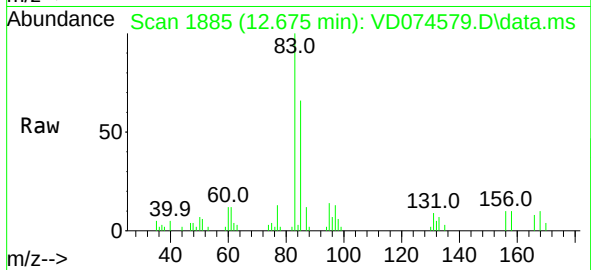




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.864 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

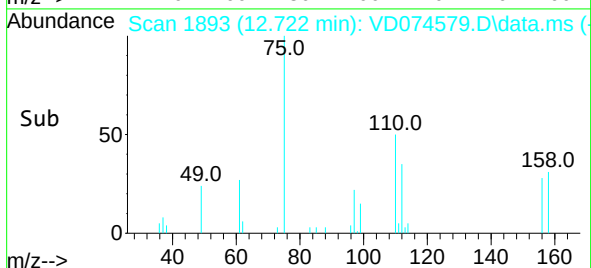
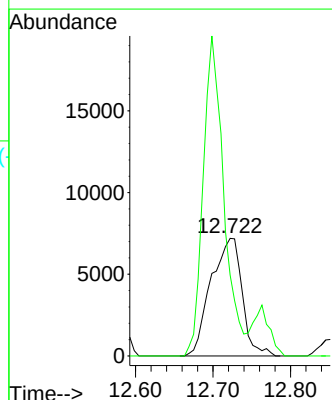
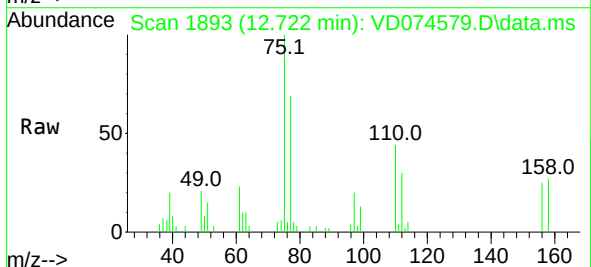
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

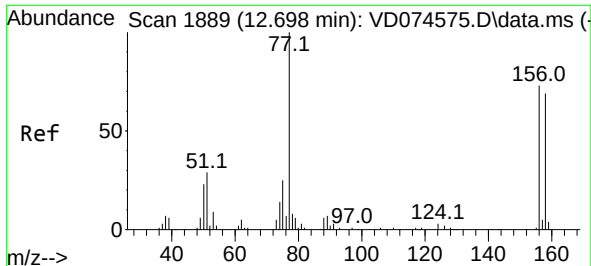
Tgt Ion: 83 Resp: 16498
 Ion Ratio Lower Upper
 83 100
 131 8.6 4.7 14.1
 85 65.4 33.1 99.2



#76
 1,2,3-Trichloropropane
 Concen: 38.236 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

Tgt Ion: 75 Resp: 20154
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

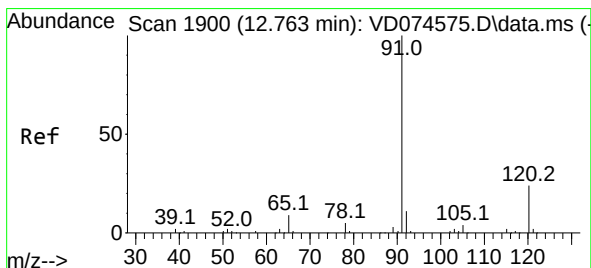
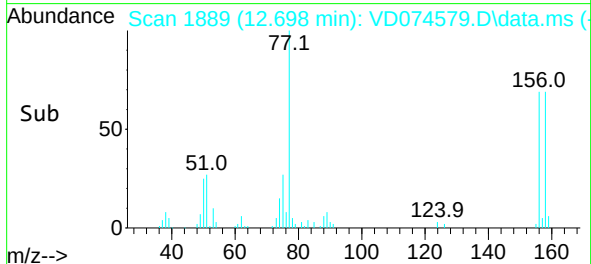
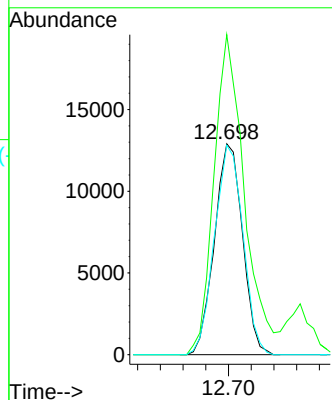
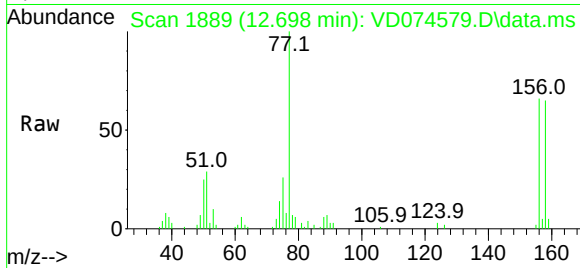




#77
Bromobenzene
Concen: 19.645 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

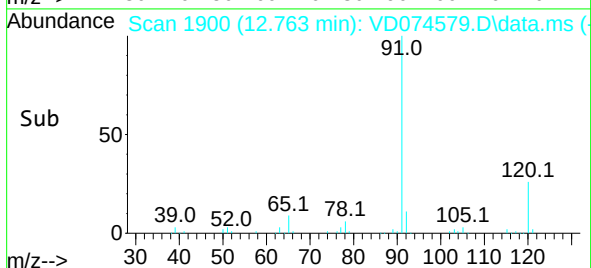
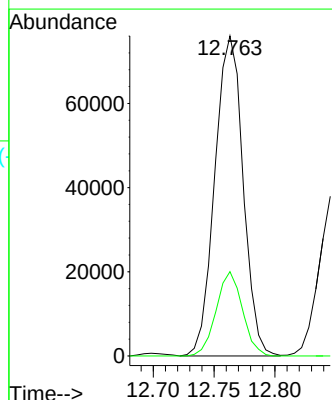
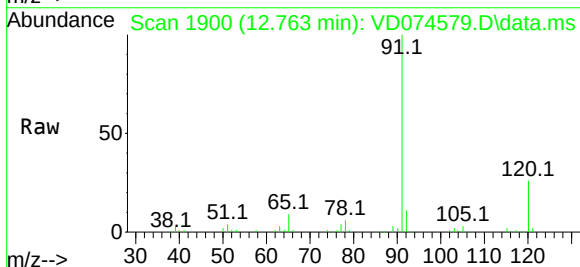
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

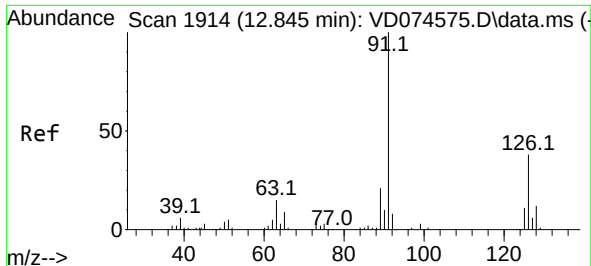
Tgt Ion:156 Resp: 22147
Ion Ratio Lower Upper
156 100
77 163.0 77.7 233.1
158 100.8 49.4 148.2



#78
n-propylbenzene
Concen: 20.827 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 91 Resp: 122944
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.7

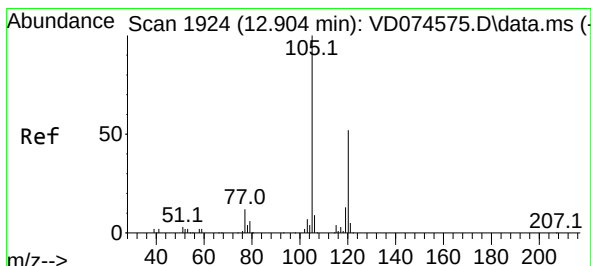
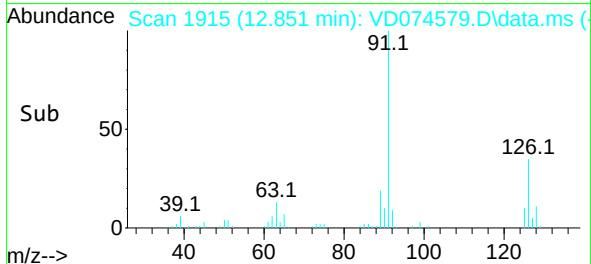
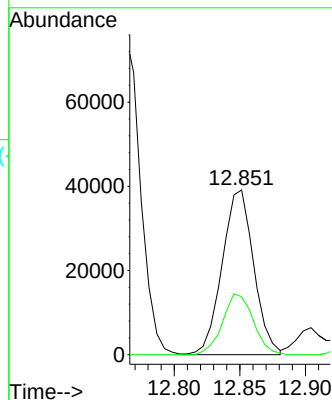
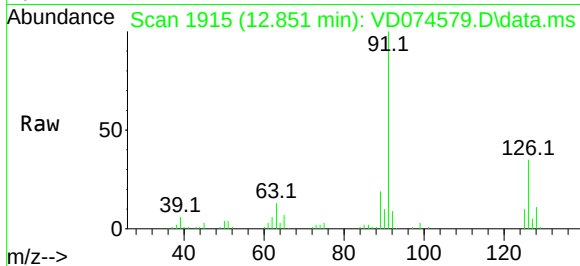




#79
2-Chlorotoluene
Concen: 20.507 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

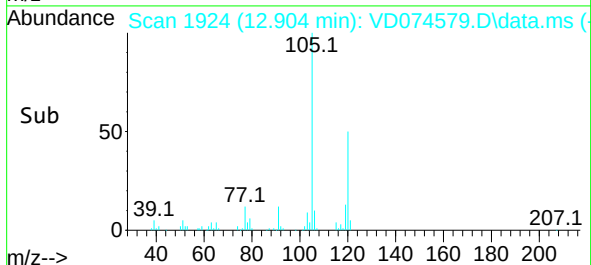
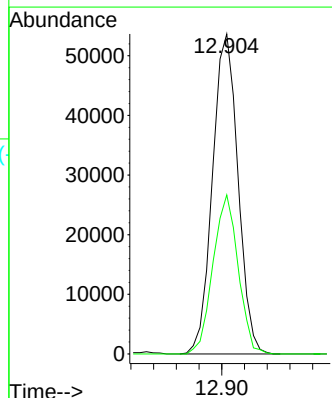
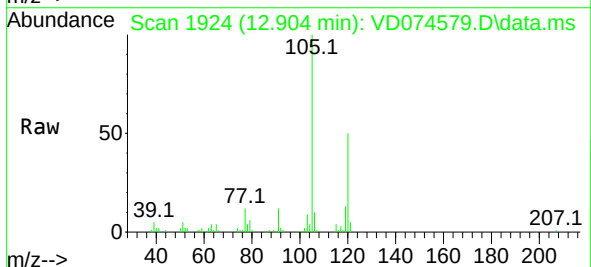
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

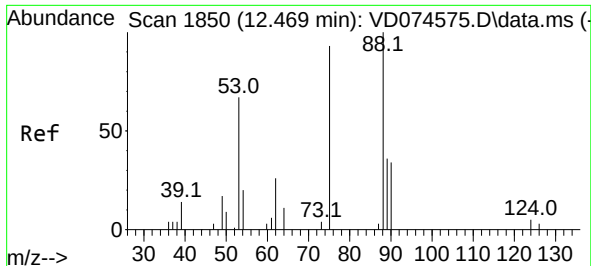
Tgt Ion: 91 Resp: 65583
Ion Ratio Lower Upper
91 100
126 35.9 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.614 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 105 Resp: 83586
Ion Ratio Lower Upper
105 100
120 49.1 25.7 77.0

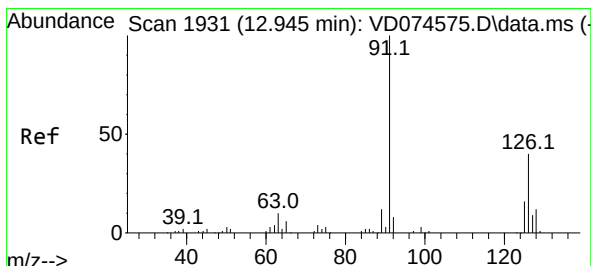
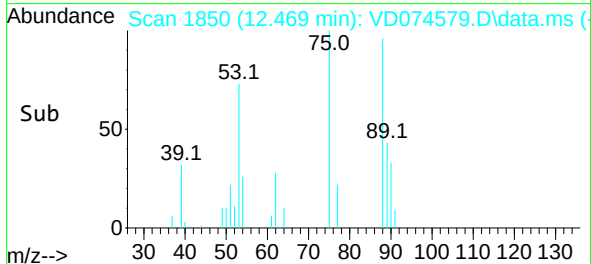
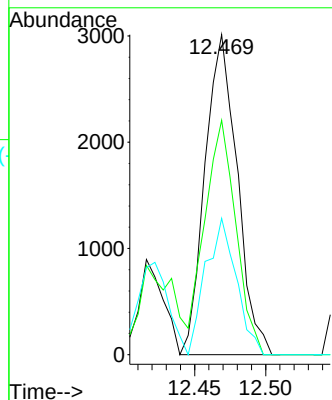
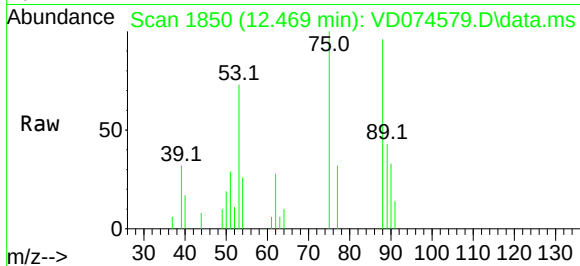




#81
trans-1,4-Dichloro-2-butene
Concen: 21.719 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

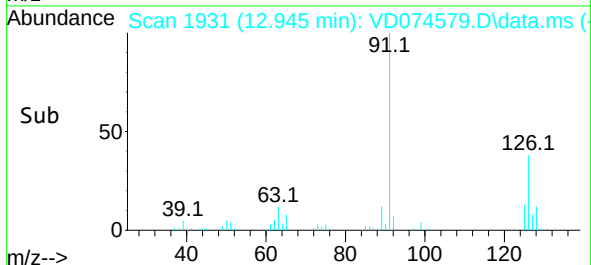
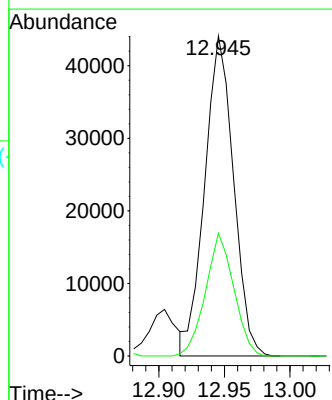
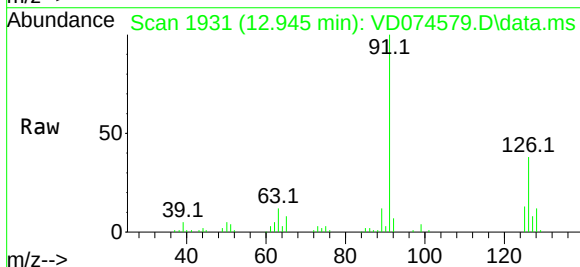
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

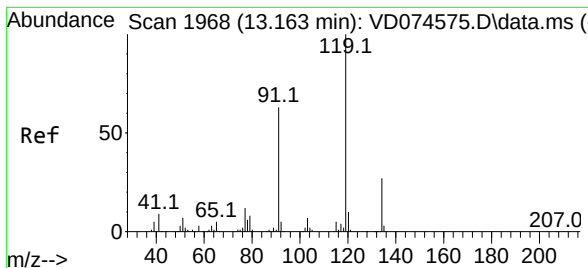
Tgt Ion: 75 Resp: 4753
Ion Ratio Lower Upper
75 100
53 70.3 63.8 95.6
89 40.4 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.475 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 91 Resp: 67273
Ion Ratio Lower Upper
91 100
126 37.7 18.8 56.4

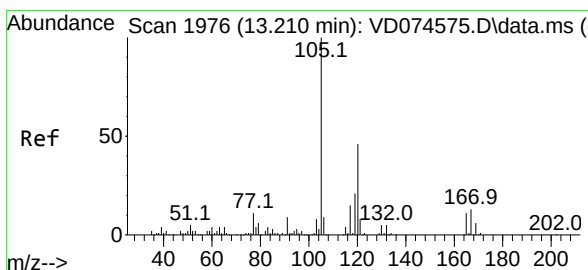
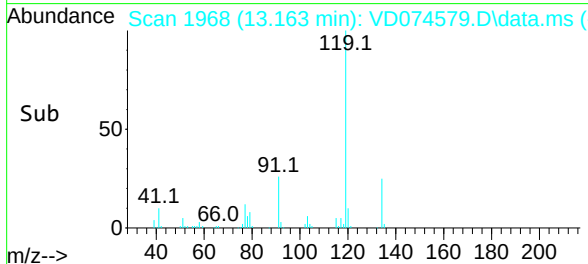
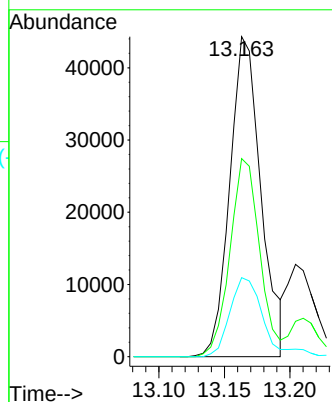
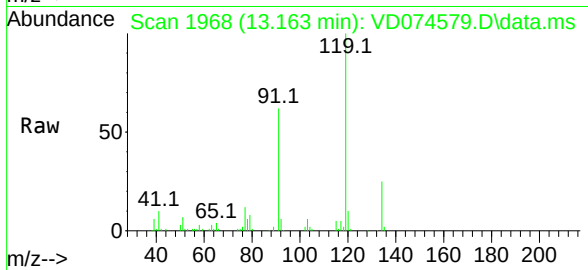




#83
tert-Butylbenzene
Concen: 20.285 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

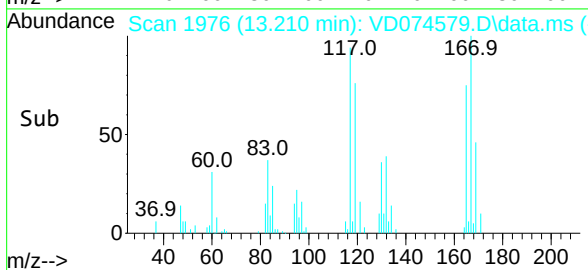
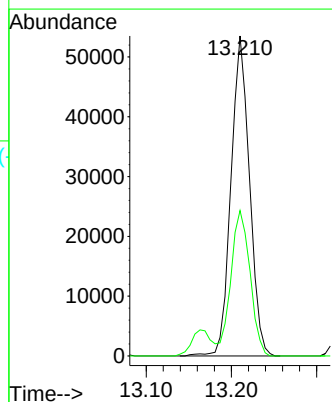
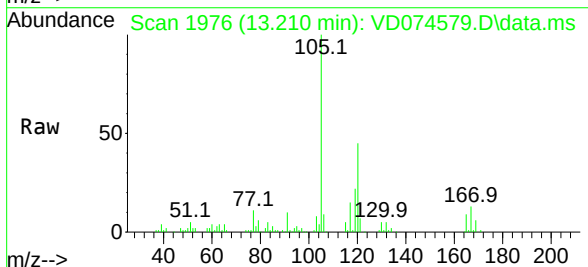
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

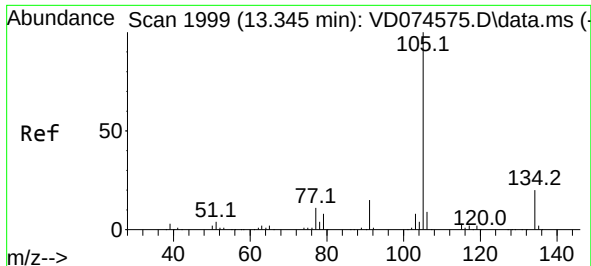
Tgt Ion:119 Resp: 73374
Ion Ratio Lower Upper
119 100
91 59.0 30.0 90.0
134 26.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 20.274 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:105 Resp: 80896
Ion Ratio Lower Upper
105 100
120 47.3 22.9 68.7

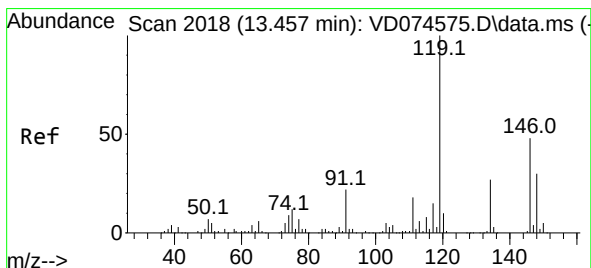
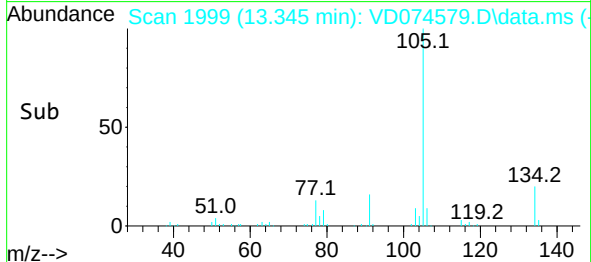
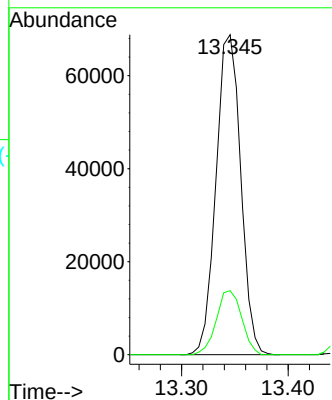
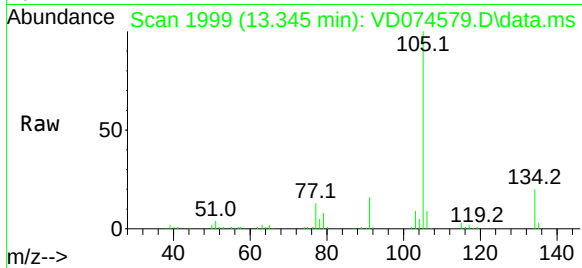




#85
 sec-Butylbenzene
 Concen: 20.396 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

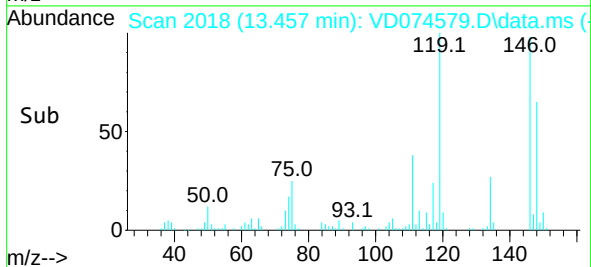
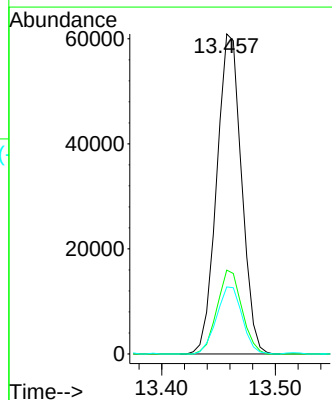
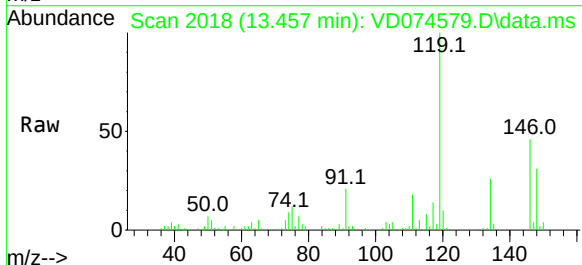
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

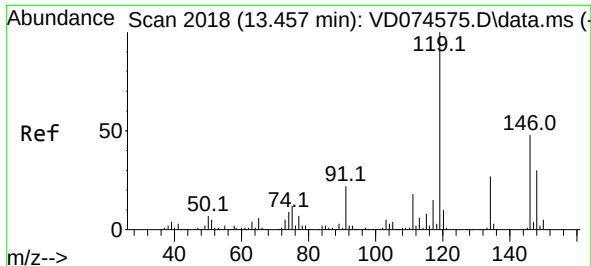
Tgt Ion:105 Resp: 110709
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.322 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

Tgt Ion:119 Resp: 92414
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.7 10.8 32.4

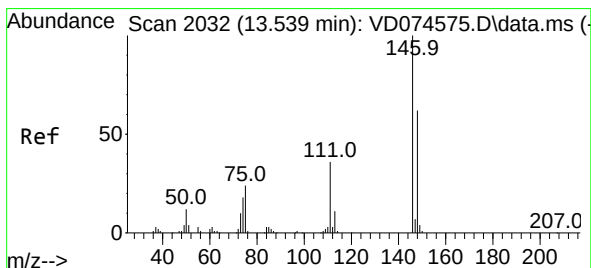
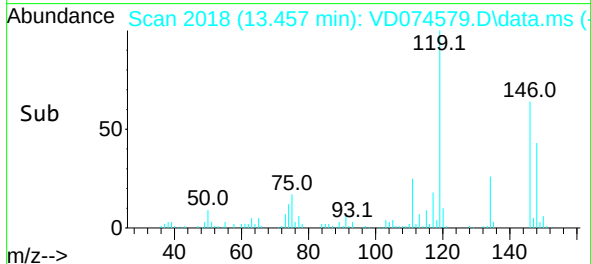
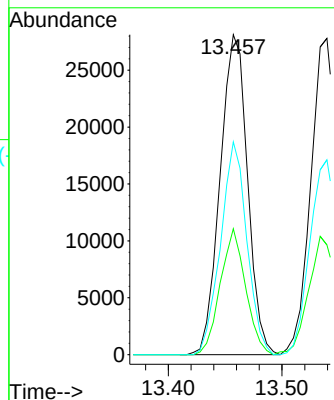
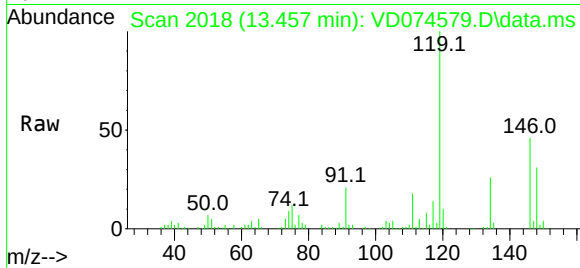




#87
1,3-Dichlorobenzene
Concen: 20.125 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

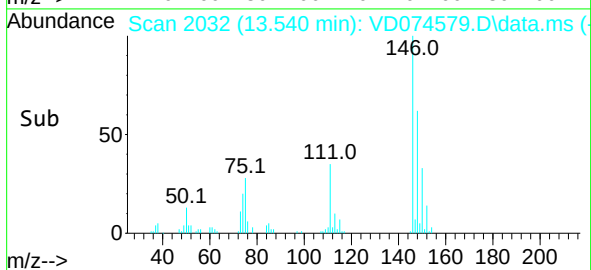
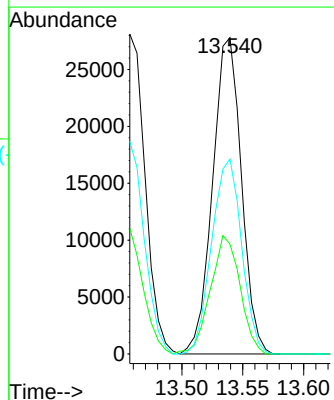
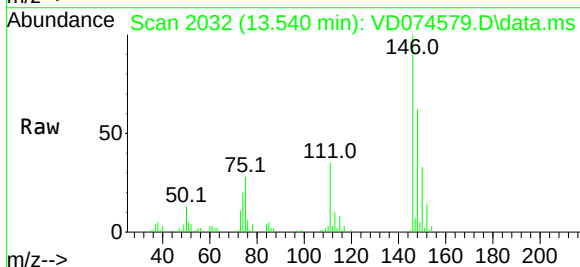
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

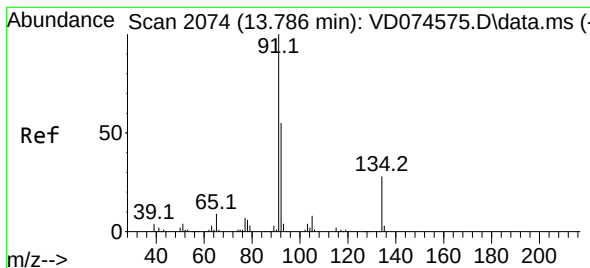
Tgt Ion:146 Resp: 47147
Ion Ratio Lower Upper
146 100
111 36.4 18.3 54.8
148 63.8 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.943 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion:146 Resp: 45737
Ion Ratio Lower Upper
146 100
111 38.5 17.7 53.1
148 64.1 32.3 96.9





#89

n-Butylbenzene

Concen: 20.066 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

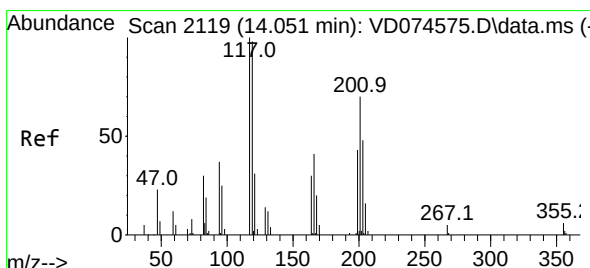
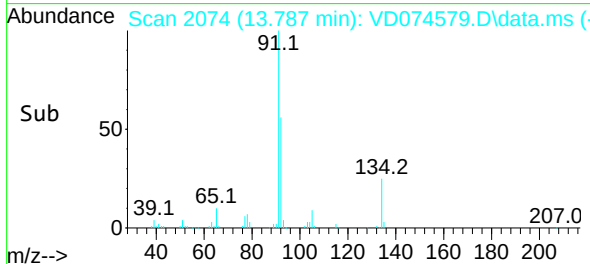
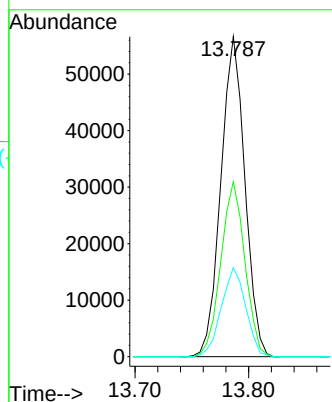
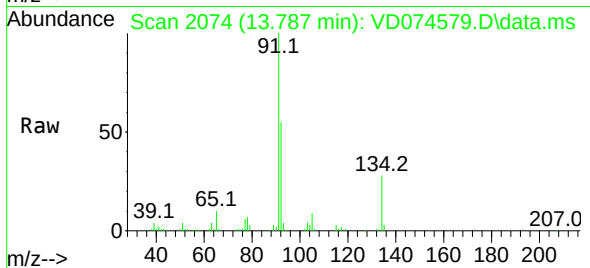
Tgt Ion: 91 Resp: 83133

Ion Ratio Lower Upper

91 100

92 54.7 26.9 80.7

134 28.2 13.4 40.2



#90

Hexachloroethane

Concen: 20.083 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD074579.D

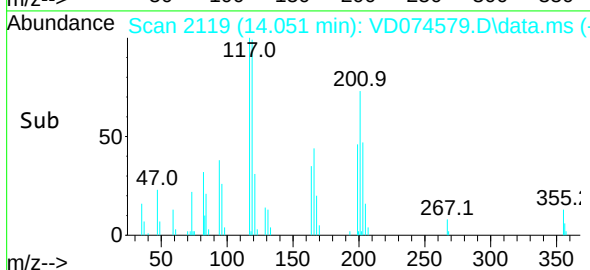
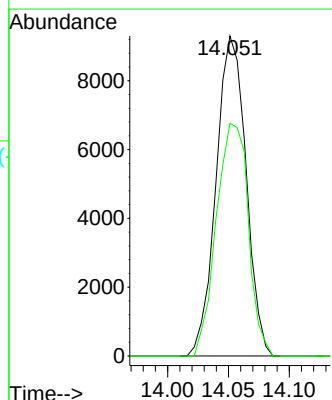
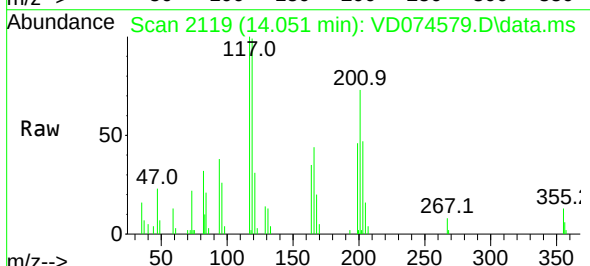
Acq: 19 Oct 2022 14:23

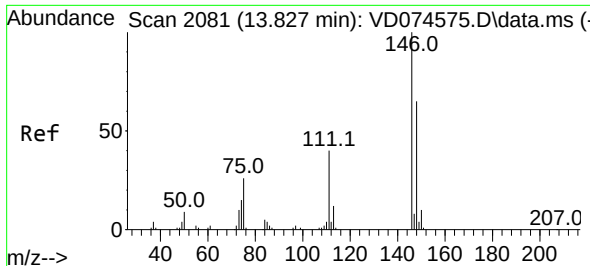
Tgt Ion: 117 Resp: 15896

Ion Ratio Lower Upper

117 100

201 77.6 38.0 114.0

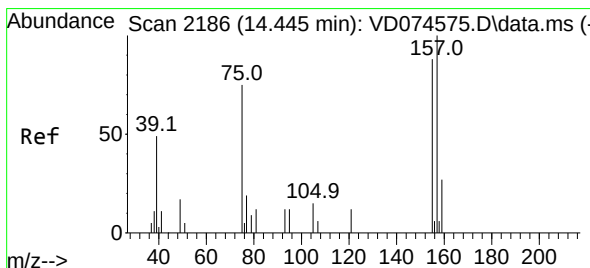
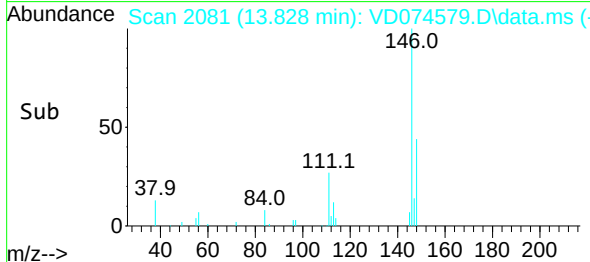
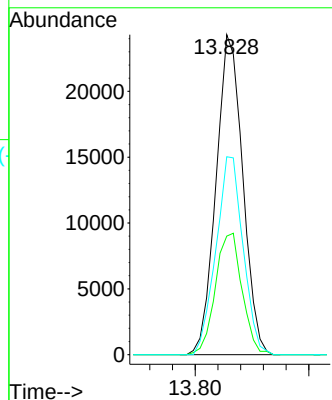
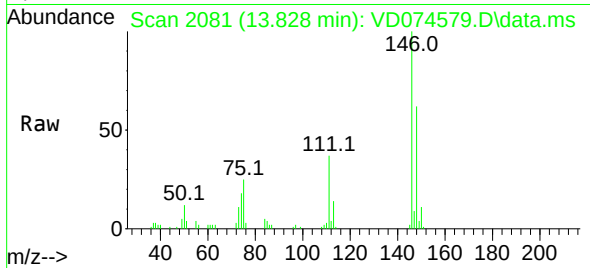




#91
1,2-Dichlorobenzene
Concen: 20.280 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

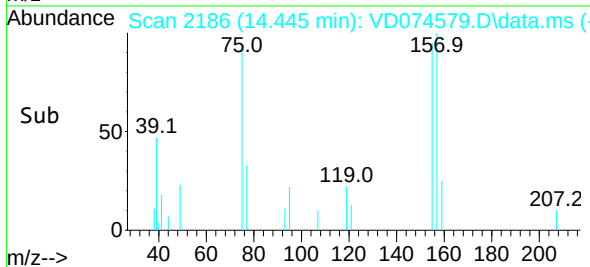
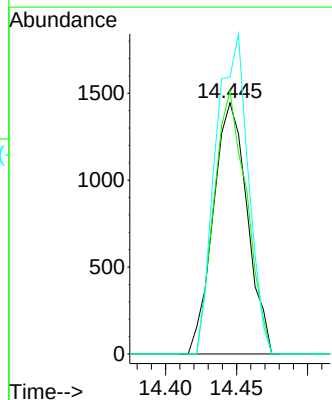
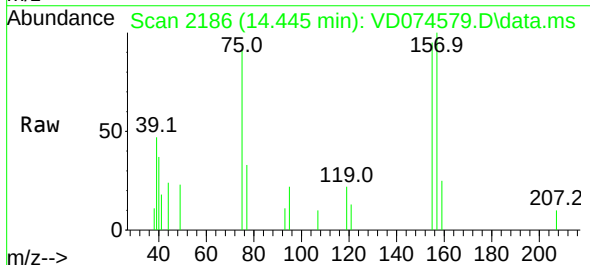
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

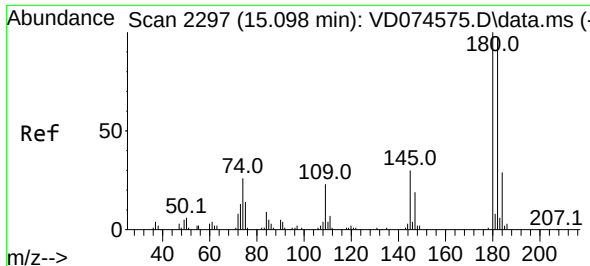
Tgt Ion:146 Resp: 39632
Ion Ratio Lower Upper
146 100
111 38.0 18.9 56.5
148 63.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.038 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD074579.D
Acq: 19 Oct 2022 14:23

Tgt Ion: 75 Resp: 2410
Ion Ratio Lower Upper
75 100
155 100.0 51.2 153.8
157 121.3 68.2 204.5

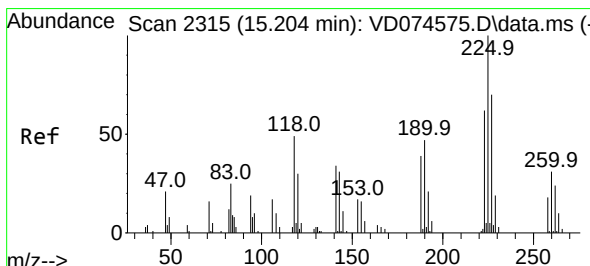
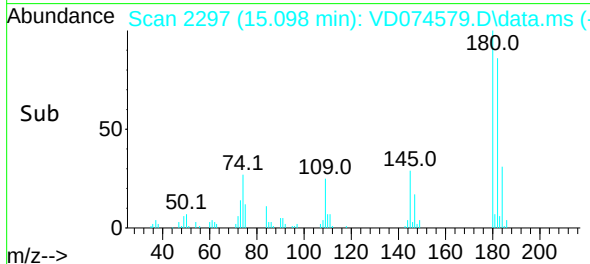
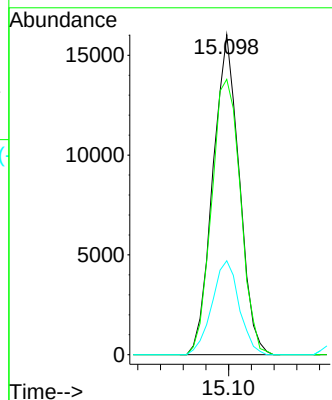
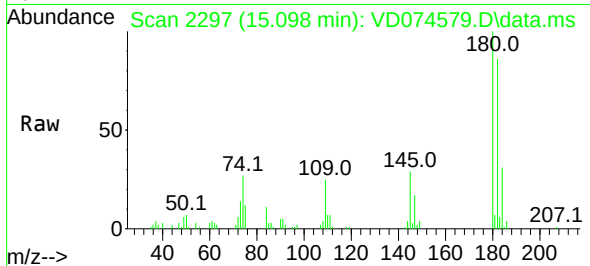




#93
 1,2,4-Trichlorobenzene
 Concen: 20.042 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.006 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

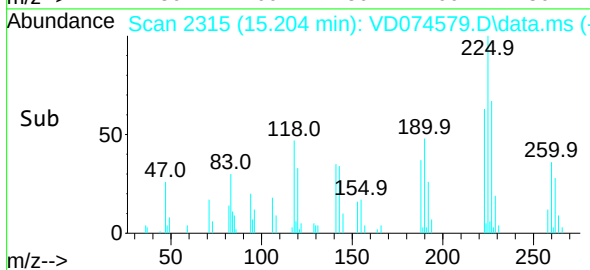
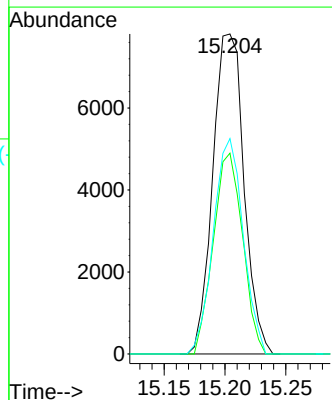
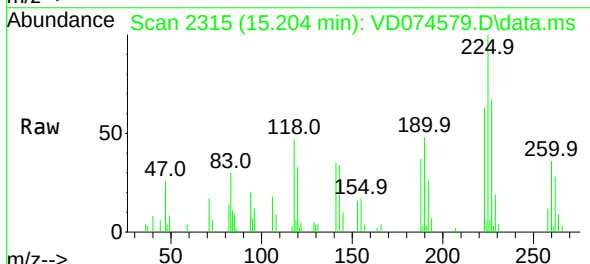
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

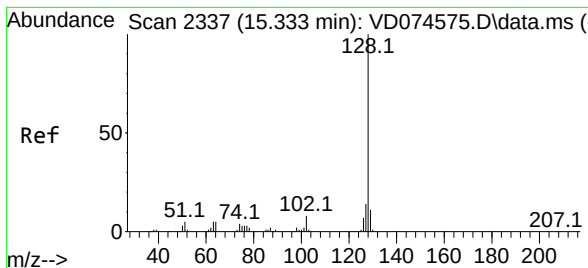
Tgt Ion:180 Resp: 25837
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.6
 145 30.2 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 19.616 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.006 min
 Lab File: VD074579.D
 Acq: 19 Oct 2022 14:23

Tgt Ion:225 Resp: 13912
 Ion Ratio Lower Upper
 225 100
 223 58.9 31.9 95.5
 227 64.4 32.6 97.8





#95

Naphthalene

Concen: 20.049 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

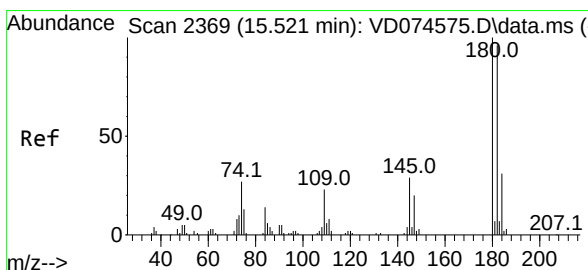
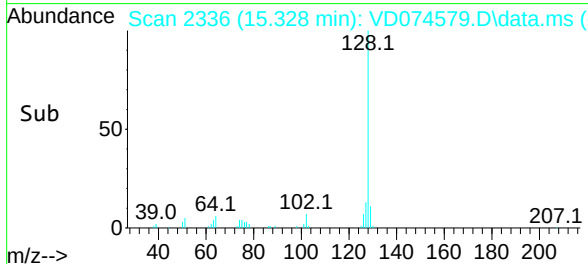
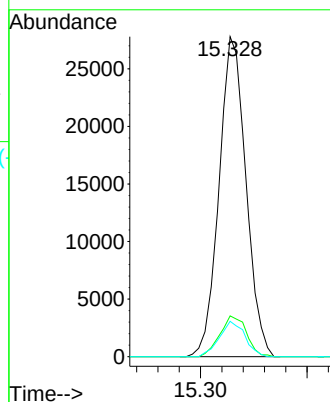
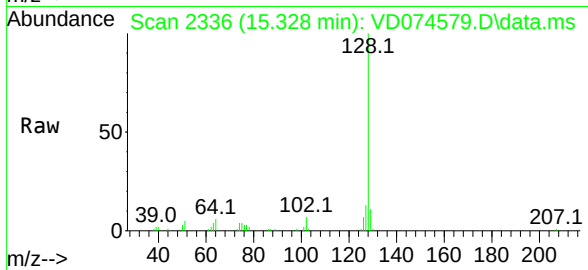
Tgt Ion:128 Resp: 48653

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.6 8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 19.813 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD074579.D

Acq: 19 Oct 2022 14:23

Tgt Ion:180 Resp: 21895

Ion Ratio Lower Upper

180 100

182 94.9 46.7 140.1

145 29.1 14.9 44.7

