

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075061.D
 Acq On : 28 Dec 2022 13:02
 Operator : KP/SY
 Sample : VD1228SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

Quant Time: Dec 29 03:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	224540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	195363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84458	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61986	50.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.804	113	67797	51.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.620%	
50) Toluene-d8	10.269	98	264700	49.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	12.575	95	87210	50.424	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16167	24.983	ug/l	94
3) Chloromethane	2.146	50	28058	25.202	ug/l	96
4) Vinyl Chloride	2.281	62	26562	25.276	ug/l	97
5) Bromomethane	2.681	94	12854	26.116	ug/l	95
6) Chloroethane	2.828	64	17448	26.224	ug/l	91
7) Trichlorofluoromethane	3.169	101	35500	22.012	ug/l	97
8) Diethyl Ether	3.593	74	13038	21.083	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	23374	20.571	ug/l	99
10) Methyl Iodide	4.163	142	20427	20.942	ug/l	97
11) Tert butyl alcohol	5.063	59	10158	98.412	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	23577	21.474	ug/l	91
13) Acrolein	3.793	56	13930	93.416	ug/l	99
14) Allyl chloride	4.558	41	40969	21.444	ug/l #	91
15) Acrylonitrile	5.252	53	29808	95.189	ug/l	99
16) Acetone	4.022	43	28643	89.038	ug/l	97
17) Carbon Disulfide	4.263	76	58138	26.475	ug/l	100
18) Methyl Acetate	4.563	43	17044	19.881	ug/l #	87
19) Methyl tert-butyl Ether	5.322	73	57120	19.587	ug/l	92
20) Methylene Chloride	4.799	84	39528	24.233	ug/l #	84
21) trans-1,2-Dichloroethene	5.305	96	26979	22.142	ug/l	87
22) Diisopropyl ether	6.222	45	81658	19.842	ug/l #	93
23) Vinyl Acetate	6.152	43	155041	83.306	ug/l	94
24) 1,1-Dichloroethane	6.110	63	51101	21.260	ug/l	97
25) 2-Butanone	7.081	43	39954	93.069	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	44992	20.954	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	32798	21.339	ug/l	91
28) Bromochloromethane	7.434	49	16112	19.364	ug/l #	80
29) Tetrahydrofuran	7.446	42	22857	92.354	ug/l #	83
30) Chloroform	7.599	83	49910	21.265	ug/l	98
31) Cyclohexane	7.875	56	41033	21.348	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	42468	20.911	ug/l #	95
36) 1,1-Dichloropropene	8.004	75	36328	21.286	ug/l	100
37) Ethyl Acetate	7.169	43	16580	19.232	ug/l #	94
38) Carbon Tetrachloride	7.993	117	32065	21.728	ug/l	97
39) Methylcyclohexane	9.275	83	45506	21.955	ug/l	94
40) Benzene	8.251	78	109365	21.048	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9333	17.399	ug/l	90
42) 1,2-Dichloroethane	8.322	62	28383	21.410	ug/l	96
43) Isopropyl Acetate	8.363	43	32610	18.802	ug/l #	91
44) Trichloroethene	9.028	130	30474	21.294	ug/l	100
45) 1,2-Dichloropropane	9.304	63	29116	20.921	ug/l	95
46) Dibromomethane	9.393	93	13978	20.195	ug/l	98
47) Bromodichloromethane	9.587	83	37155	20.612	ug/l	98
48) Methyl methacrylate	9.381	41	14679	18.633	ug/l	87
49) 1,4-Dioxane	9.387	88	3579	410.304	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	78965	92.167	ug/l	92
52) Toluene	10.334	92	69967	21.146	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35626	20.314	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	43319	20.497	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	20288	20.017	ug/l	98
56) Ethyl methacrylate	10.598	69	24722	18.530	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	34786	20.530	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	53260	97.256	ug/l	94
59) 2-Hexanone	10.922	43	57788	92.753	ug/l	91
60) Dibromochloromethane	11.075	129	23089	19.884	ug/l	100
61) 1,2-Dibromoethane	11.181	107	17914	19.715	ug/l	99
64) Tetrachloroethene	10.810	164	24707	21.606	ug/l	96
65) Chlorobenzene	11.610	112	73531	20.608	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	25729	20.823	ug/l	98
67) Ethyl Benzene	11.681	91	133417	20.430	ug/l	100
68) m/p-Xylenes	11.792	106	103219	41.688	ug/l	100
69) o-Xylene	12.122	106	50030	21.006	ug/l	100
70) Styrene	12.134	104	82113	20.506	ug/l	97
71) Bromoform	12.298	173	12703	18.948	ug/l #	98
73) Isopropylbenzene	12.422	105	133225	20.574	ug/l	100
74) N-amyl acetate	12.234	43	29662	18.047	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	21519	18.637	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	26690	30.820	ug/l #	100
77) Bromobenzene	12.698	156	28043	20.288	ug/l	93
78) n-propylbenzene	12.763	91	162165	20.446	ug/l	99
79) 2-Chlorotoluene	12.851	91	86528	19.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	104151	19.945	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	5927	15.862	ug/l #	87
82) 4-Chlorotoluene	12.945	91	88934	20.116	ug/l	99
83) tert-Butylbenzene	13.169	119	92952	20.107	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	101620	20.007	ug/l	99
85) sec-Butylbenzene	13.345	105	141164	19.889	ug/l	99
86) p-Isopropyltoluene	13.463	119	114175	20.165	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	56402	20.885	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	54701	20.277	ug/l	98
89) n-Butylbenzene	13.786	91	110623	19.562	ug/l	98
90) Hexachloroethane	14.057	117	19400	19.281	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	48957	20.516	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3469	19.551	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	31560	20.128	ug/l	94
94) Hexachlorobutadiene	15.204	225	14895	19.003	ug/l	96
95) Naphthalene	15.333	128	61326	18.739	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	26394	19.614	ug/l	95

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

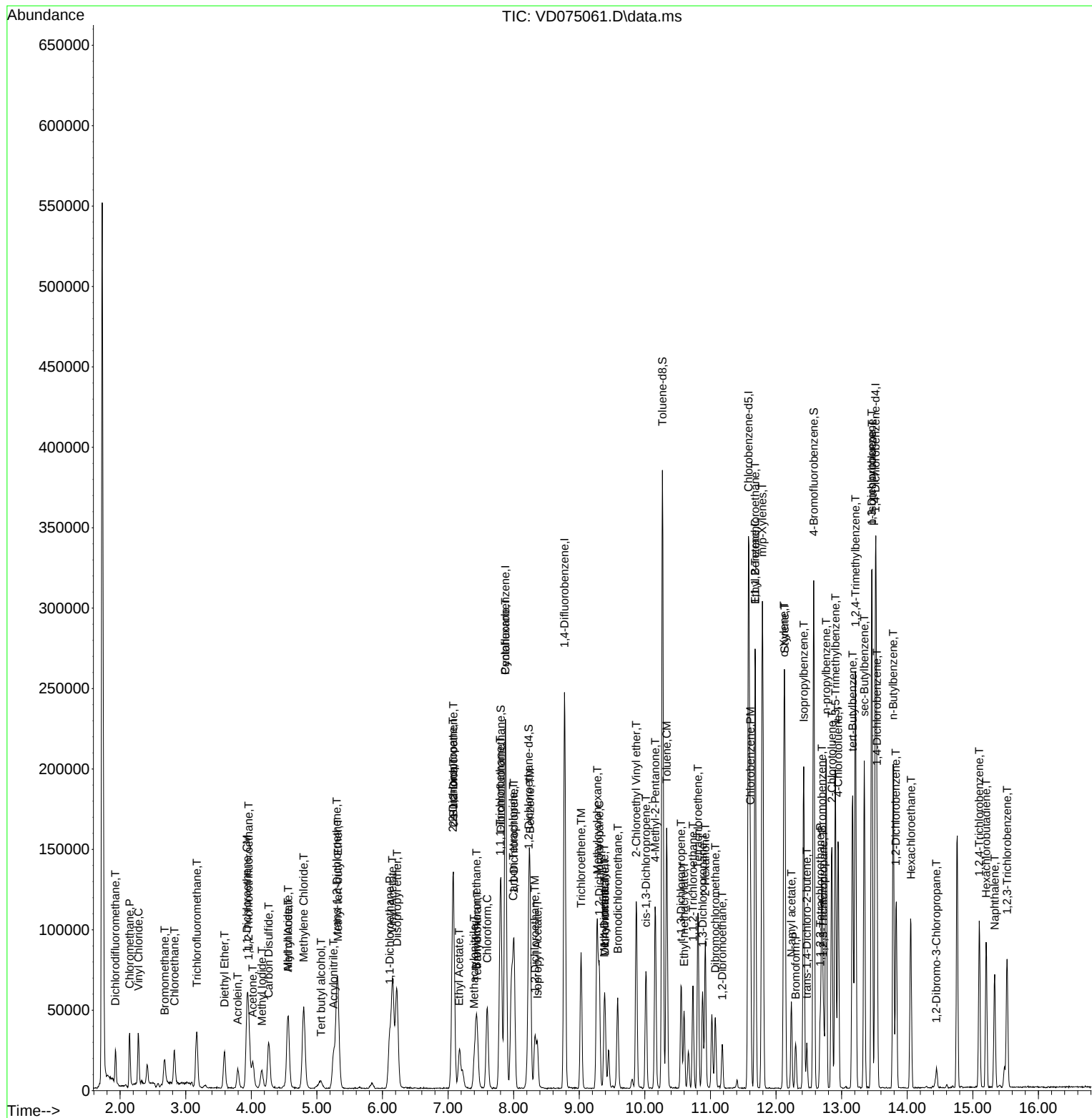
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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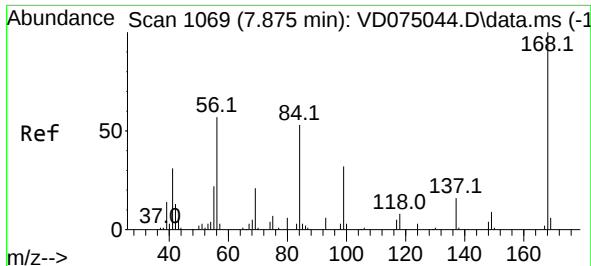
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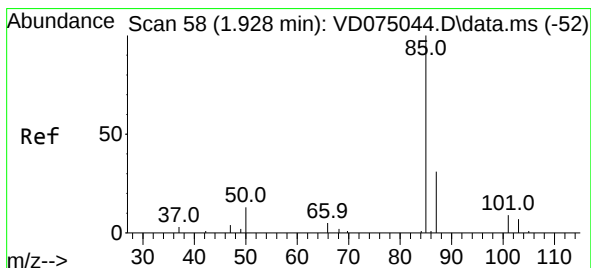
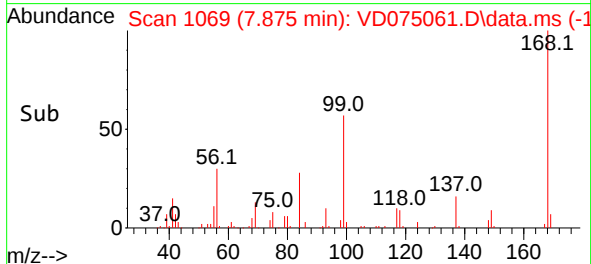
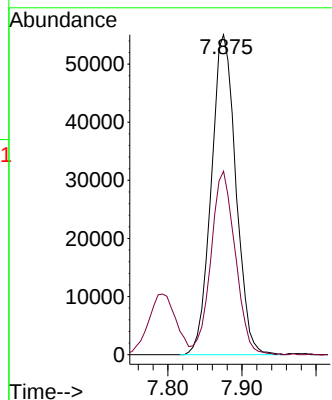
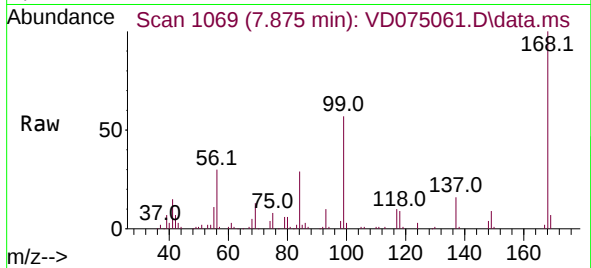




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

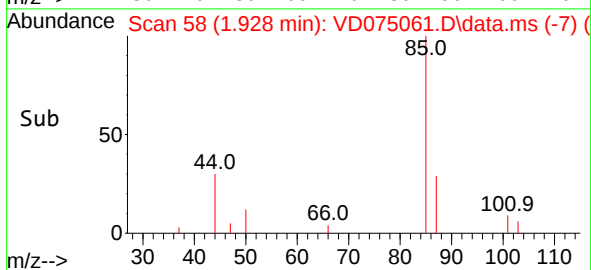
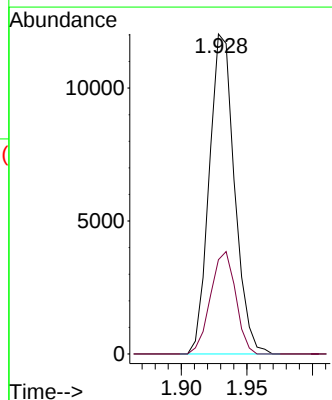
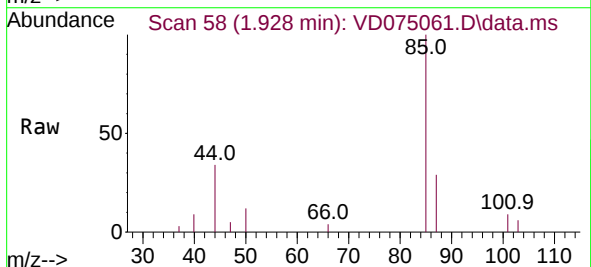
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MSVOA_D
ClientSampleId :
VD1228SBS01

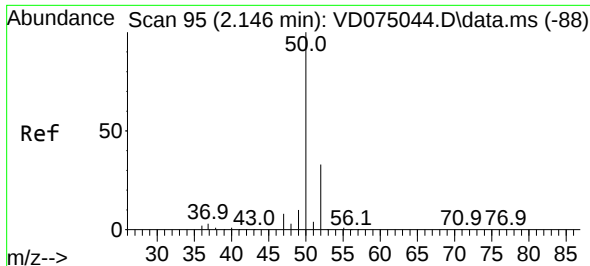
Tgt Ion:168 Resp: 126717
Ion Ratio Lower Upper
168 100
99 57.0 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 24.983 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 85 Resp: 16167
Ion Ratio Lower Upper
85 100
87 29.4 16.5 49.5

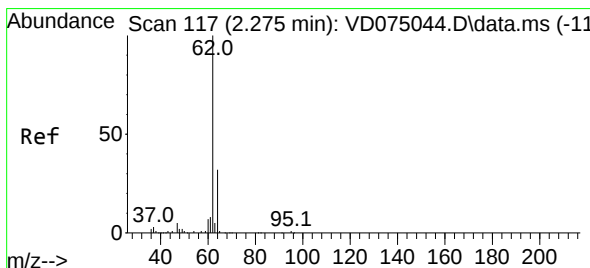
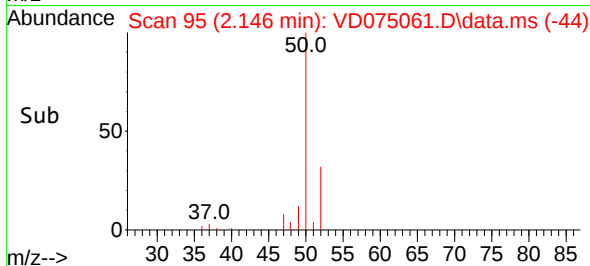
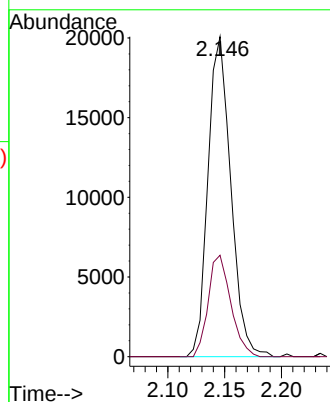
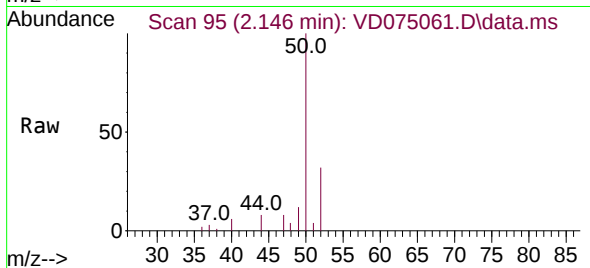




#3
Chloromethane
Concen: 25.202 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

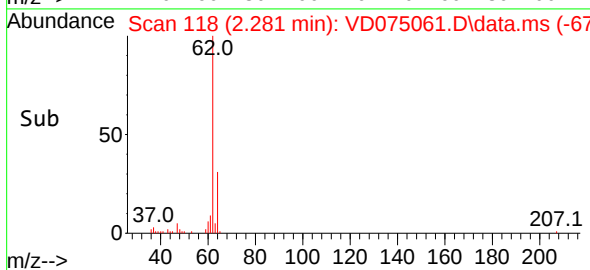
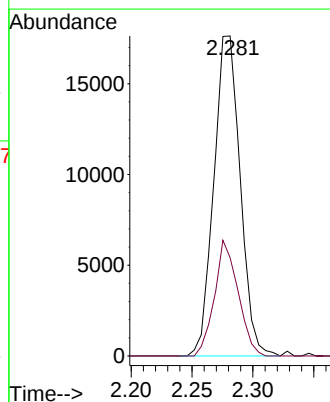
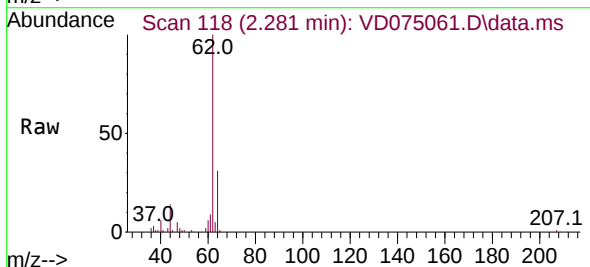
Instrument :
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ClientSampleId :
VD1228SBS01

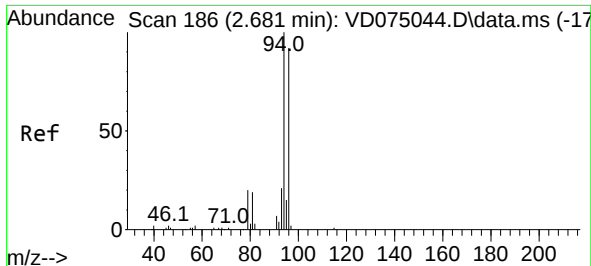
Tgt Ion: 50 Resp: 28058
Ion Ratio Lower Upper
50 100
52 31.7 27.2 40.8



#4
Vinyl Chloride
Concen: 25.276 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 62 Resp: 26562
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6

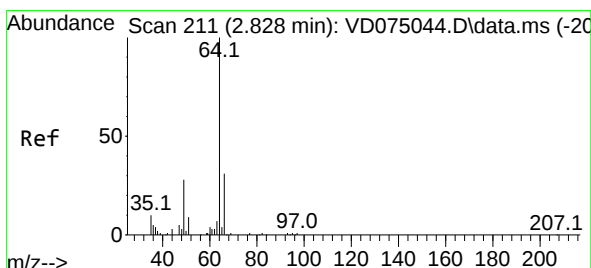
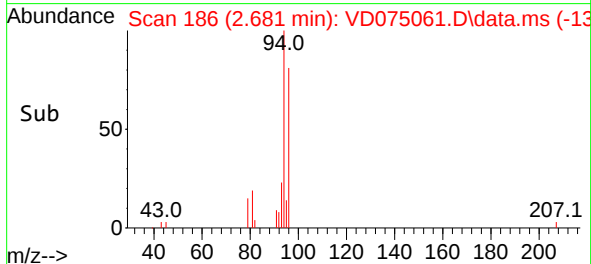
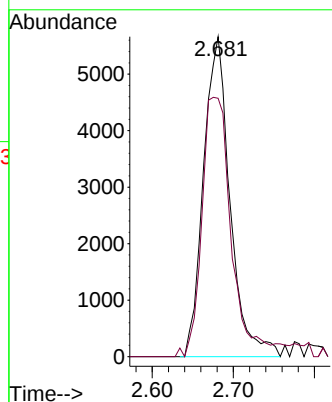
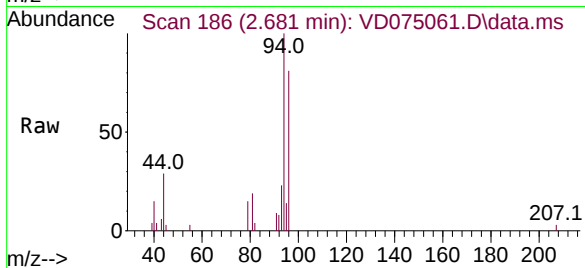




#5
Bromomethane
Concen: 26.116 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

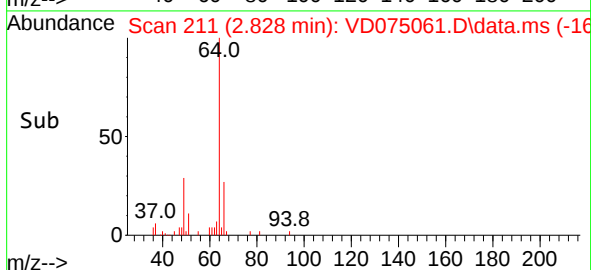
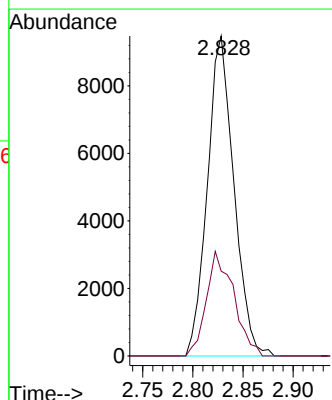
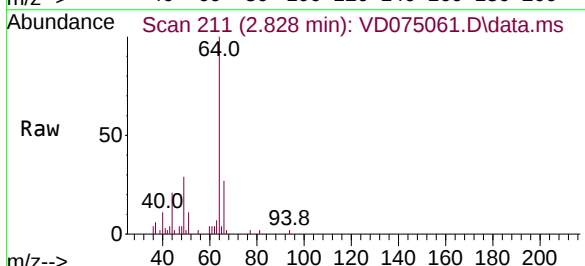
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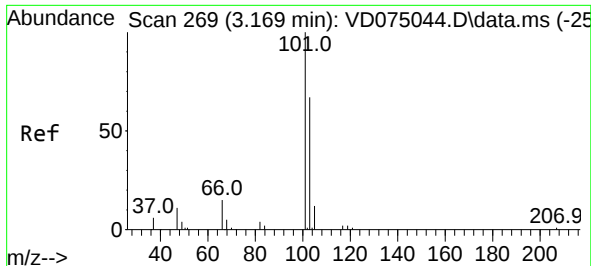
Tgt Ion: 94 Resp: 12854
Ion Ratio Lower Upper
94 100
96 88.7 75.2 112.8



#6
Chloroethane
Concen: 26.224 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 64 Resp: 17448
Ion Ratio Lower Upper
64 100
66 26.5 25.1 37.7

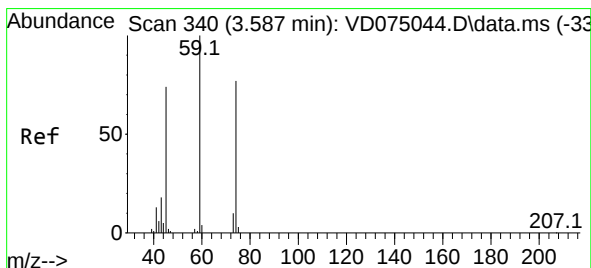
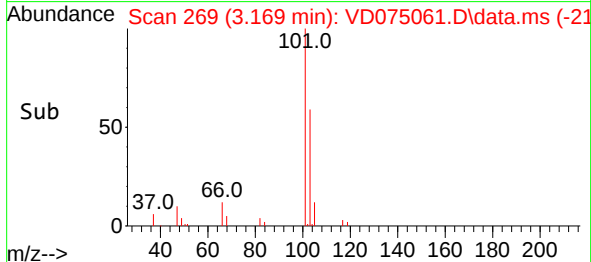
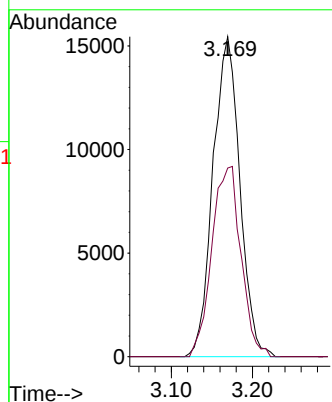
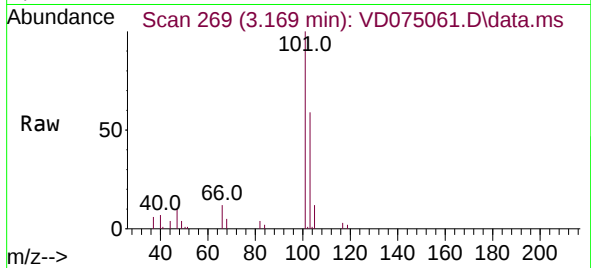




#7
 Trichlorofluoromethane
 Concen: 22.012 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

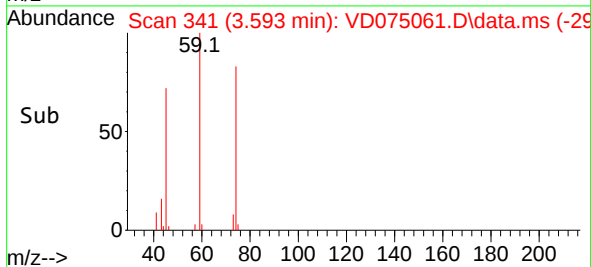
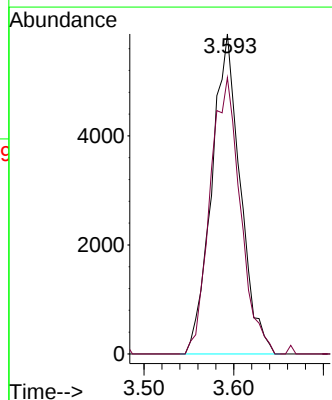
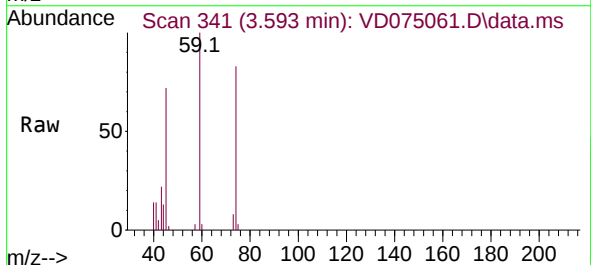
Instrument :
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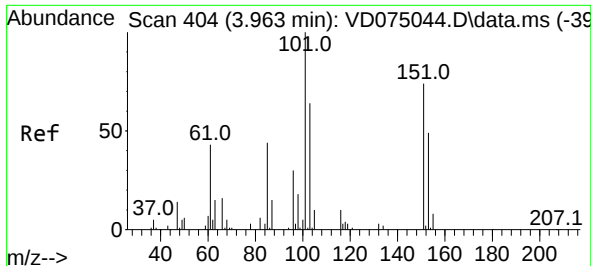
Tgt Ion:101 Resp: 35500
 Ion Ratio Lower Upper
 101 100
 103 58.9 49.1 73.7



#8
 Diethyl Ether
 Concen: 21.083 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

Tgt Ion: 74 Resp: 13038
 Ion Ratio Lower Upper
 74 100
 45 91.3 40.2 120.5

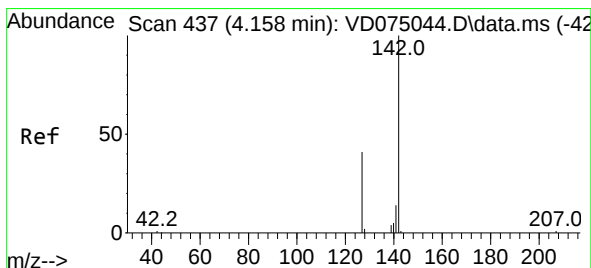
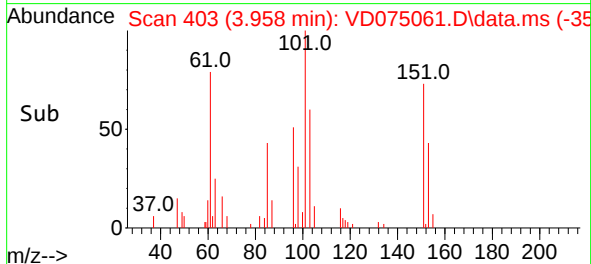
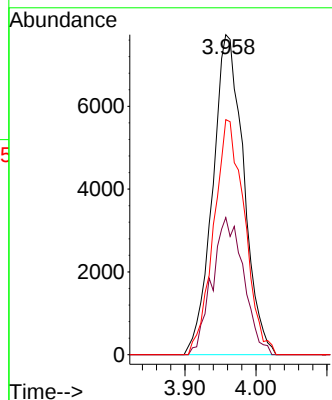
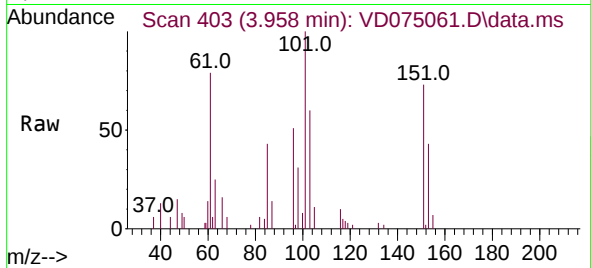




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.571 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

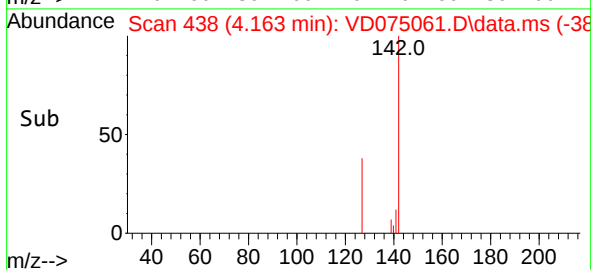
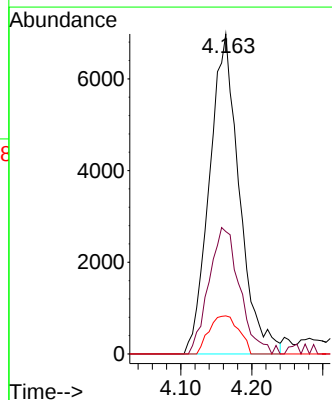
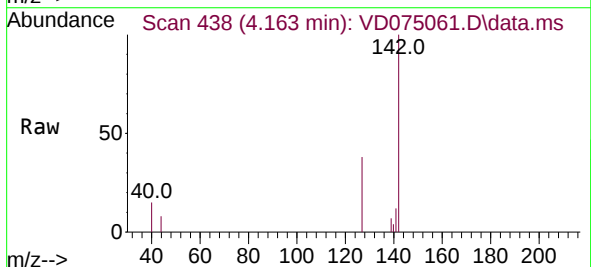
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

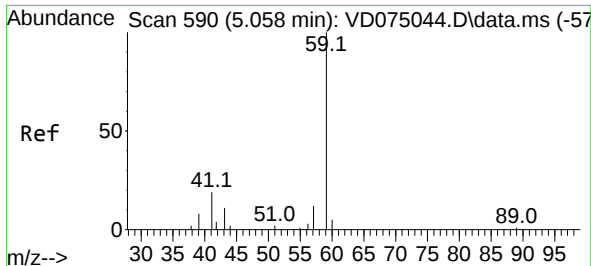
Tgt Ion:101	Resp:	23374
Ion Ratio	Lower	Upper
101	100	
85	43.8	33.4 50.0
151	73.3	58.9 88.3



#10
Methyl Iodide
Concen: 20.942 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:142	Resp:	20427
Ion Ratio	Lower	Upper
142	100	
127	40.8	31.4 47.2
141	11.9	11.4 17.2

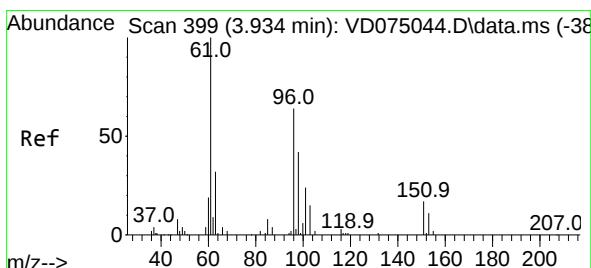
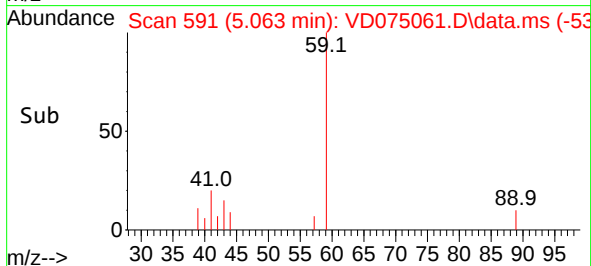
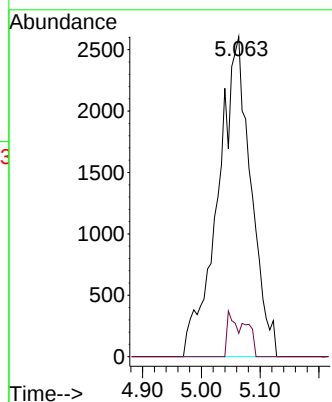
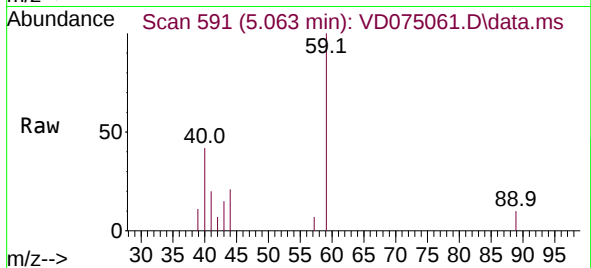




#11
Tert butyl alcohol
Concen: 98.412 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

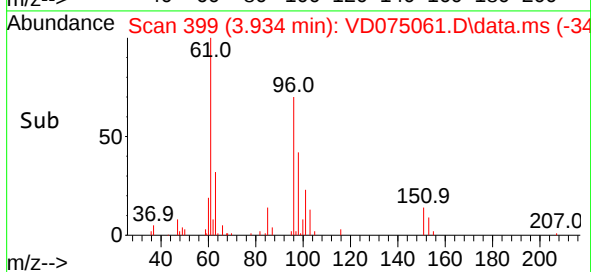
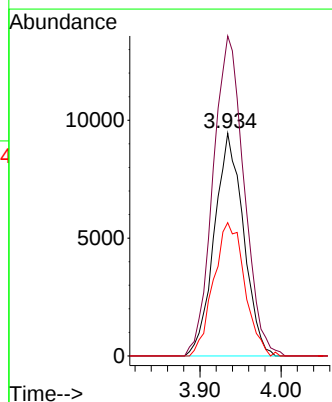
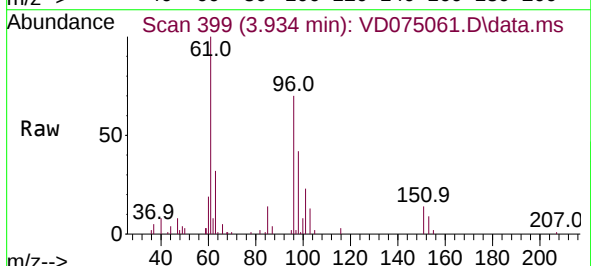
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

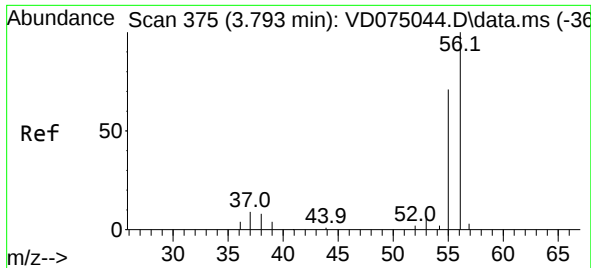
Tgt Ion: 59 Resp: 10158
Ion Ratio Lower Upper
59 100
57 3.9 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 21.474 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 96 Resp: 23577
Ion Ratio Lower Upper
96 100
61 143.7 104.9 157.3
98 59.8 51.8 77.8

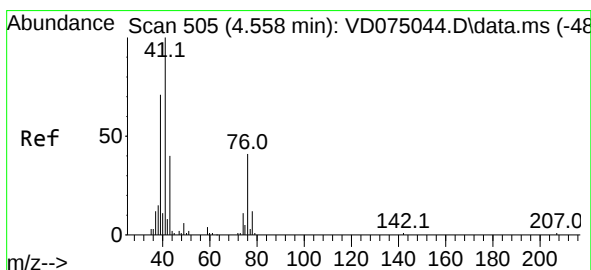
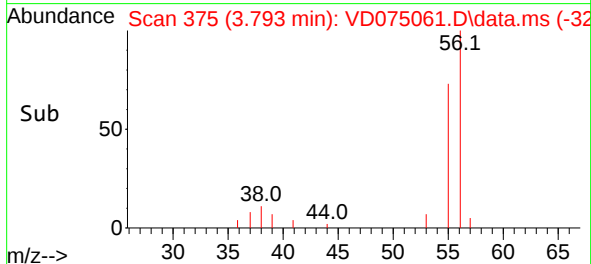
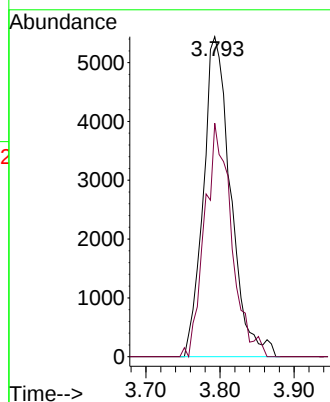
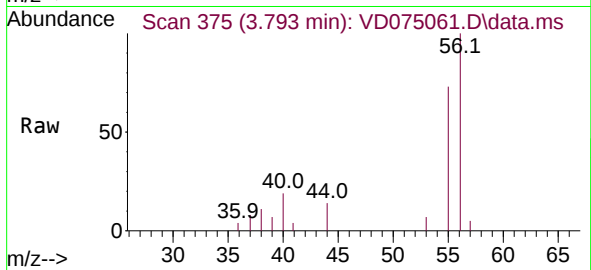




#13
Acrolein
Concen: 93.416 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

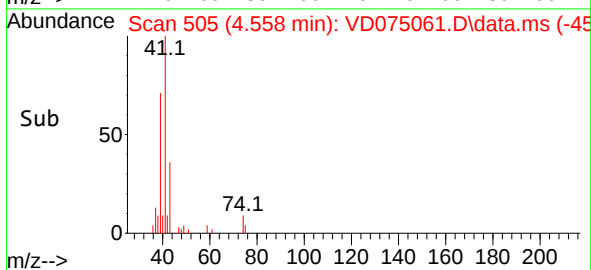
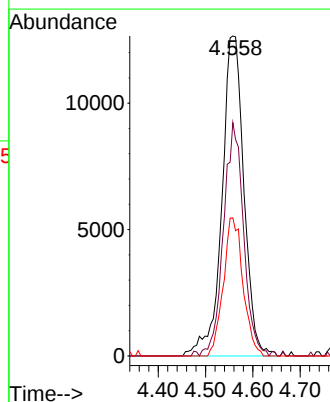
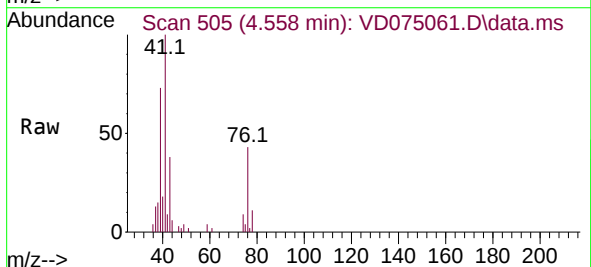
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

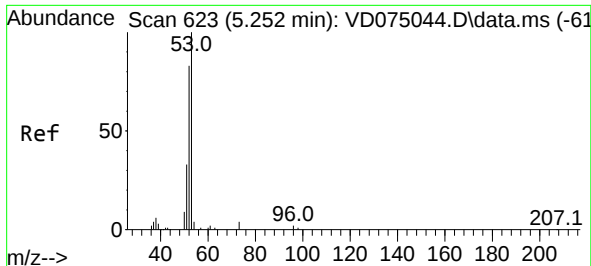
Tgt Ion: 56 Resp: 13930
Ion Ratio Lower Upper
56 100
55 71.5 56.6 84.8



#14
Allyl chloride
Concen: 21.444 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 41 Resp: 40969
Ion Ratio Lower Upper
41 100
39 66.2 52.5 78.7
76 38.5 41.1 61.7#

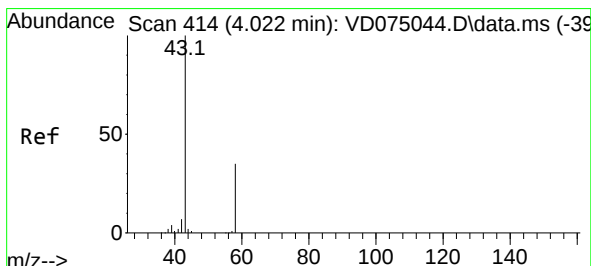
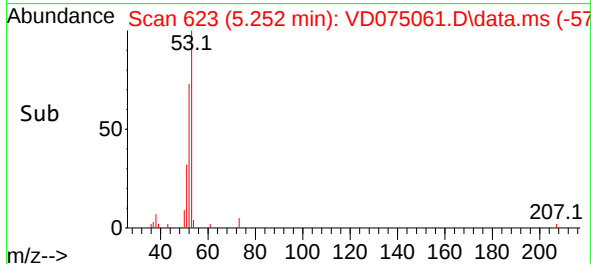
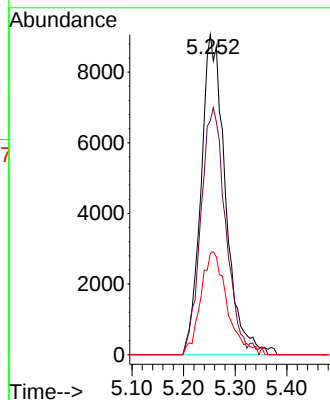
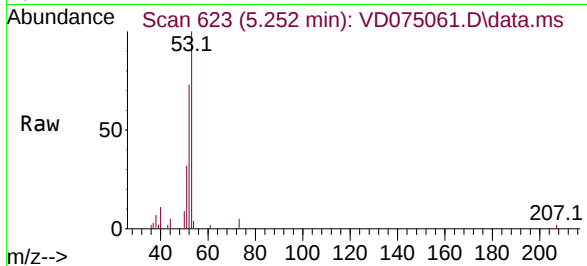




#15
Acrylonitrile
Concen: 95.189 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

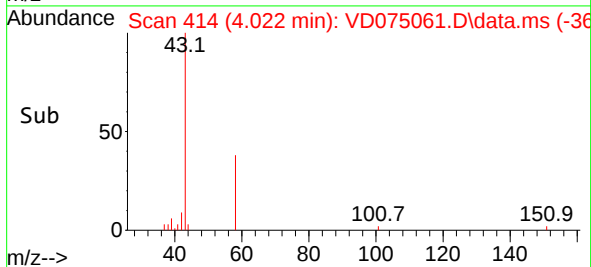
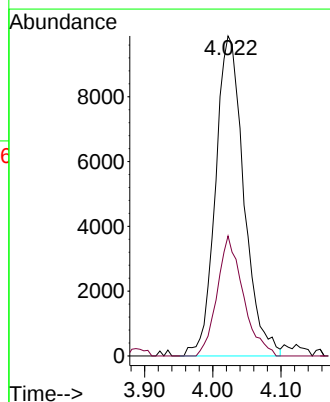
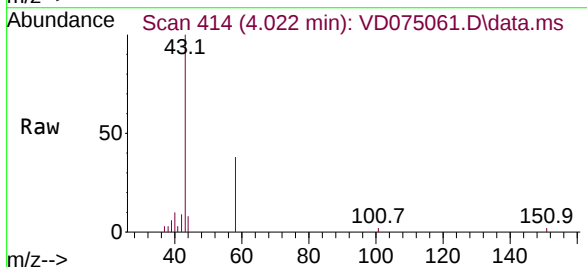
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

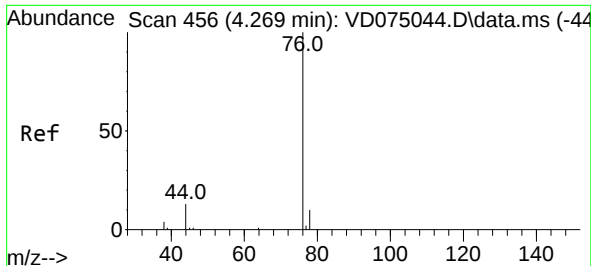
Tgt Ion: 53 Resp: 29808
Ion Ratio Lower Upper
53 100
52 78.6 64.0 96.0
51 34.7 27.8 41.8



#16
Acetone
Concen: 89.038 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 43 Resp: 28643
Ion Ratio Lower Upper
43 100
58 37.5 28.6 43.0

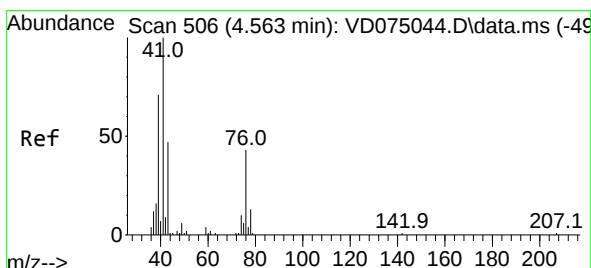
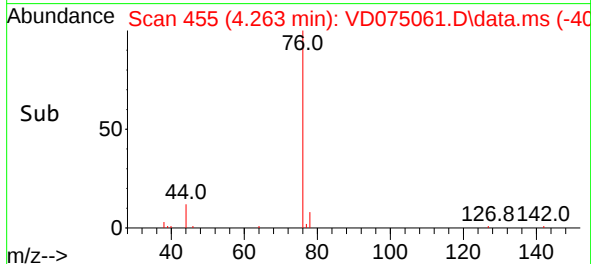
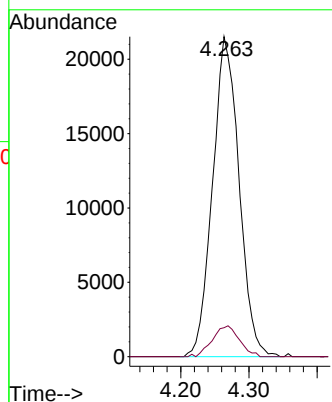
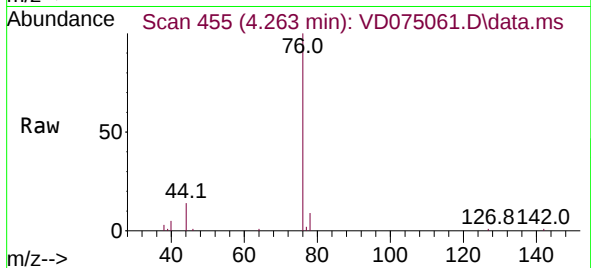




#17
Carbon Disulfide
Concen: 26.475 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

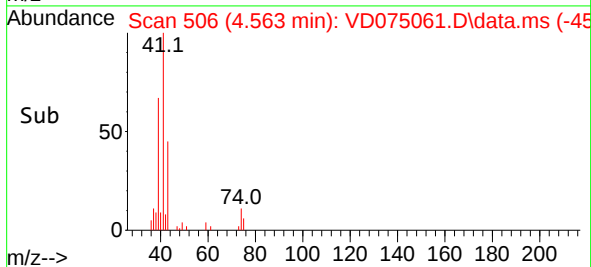
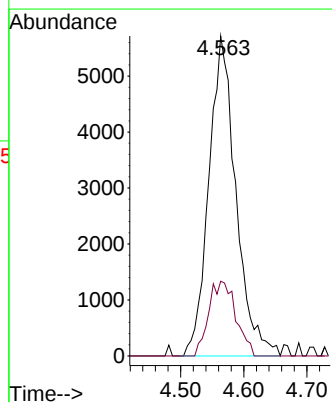
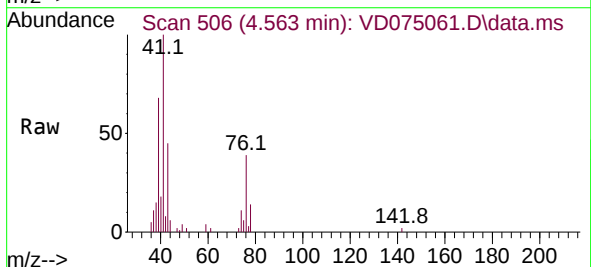
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

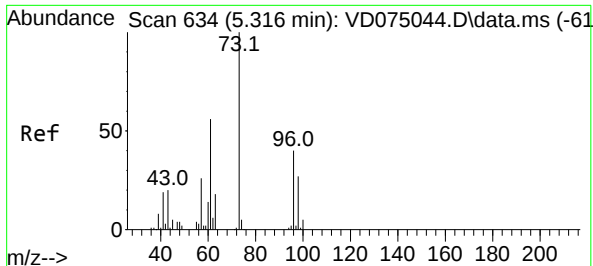
Tgt Ion: 76 Resp: 58138
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 19.881 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 43 Resp: 17044
Ion Ratio Lower Upper
43 100
74 23.4 24.5 36.7#





#19

Methyl tert-butyl Ether

Concen: 19.587 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

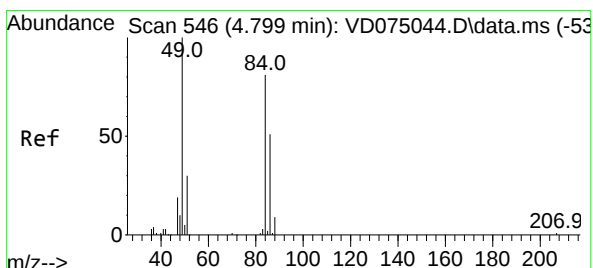
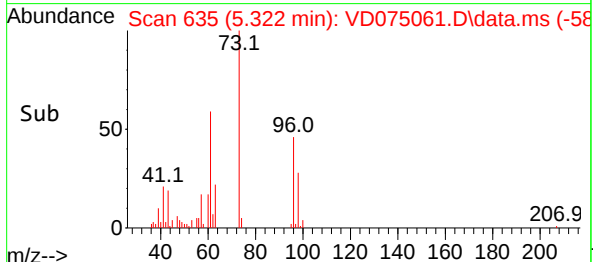
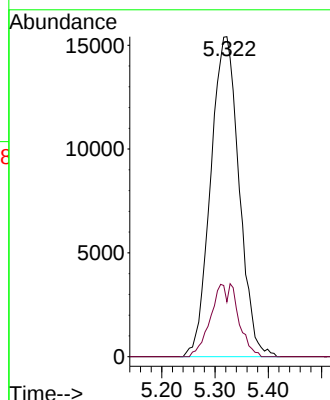
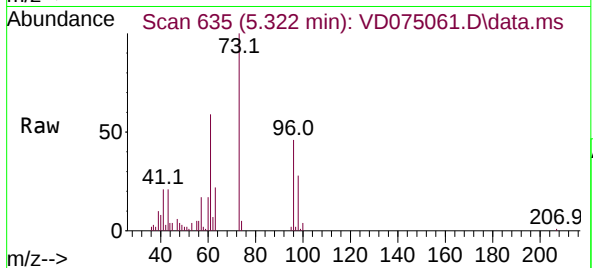
VD1228SBS01

Tgt Ion: 73 Resp: 57120

Ion Ratio Lower Upper

73 100

57 17.2 16.9 25.3



#20

Methylene Chloride

Concen: 24.233 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Tgt Ion: 84 Resp: 39528

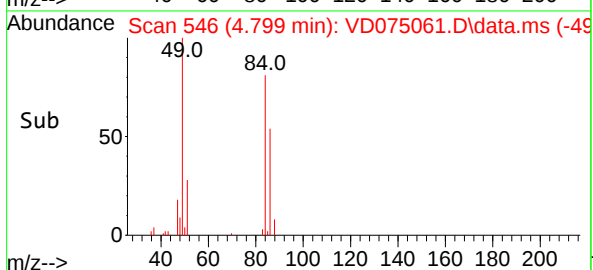
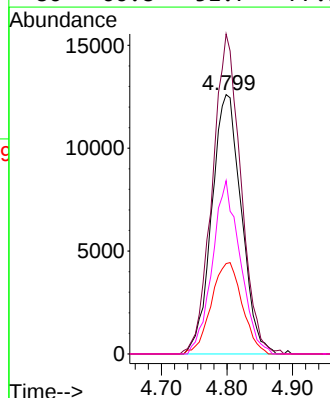
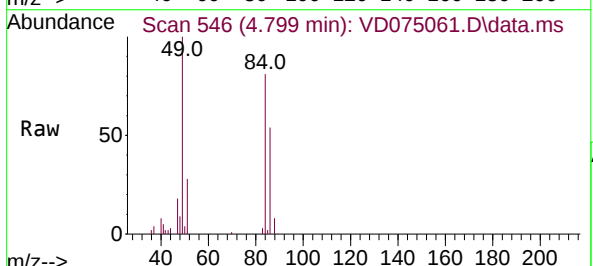
Ion Ratio Lower Upper

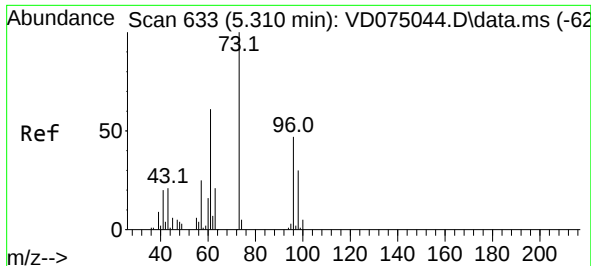
84 100

49 123.4 77.2 115.8#

51 34.9 24.1 36.1

86 66.8 51.7 77.5

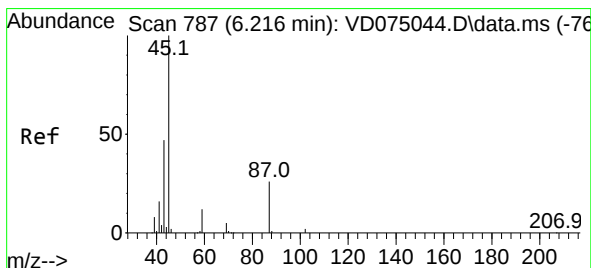
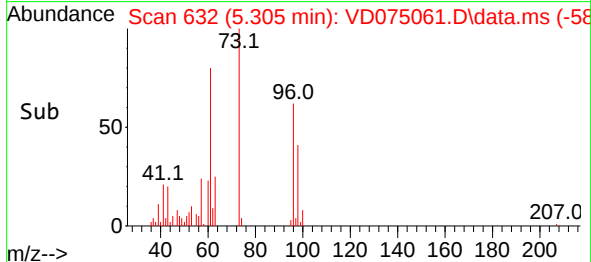
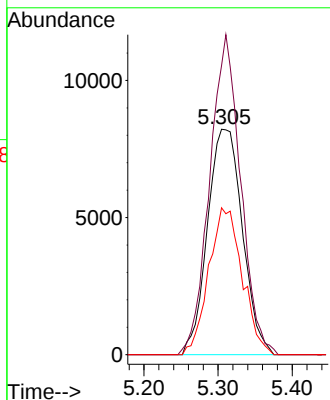
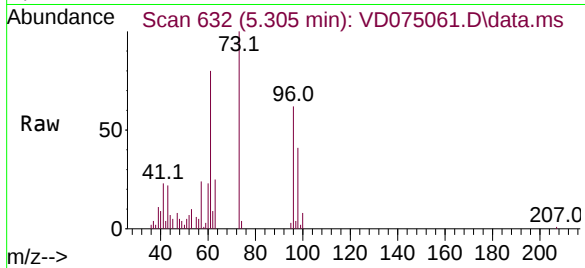




#21
trans-1,2-Dichloroethene
Concen: 22.142 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

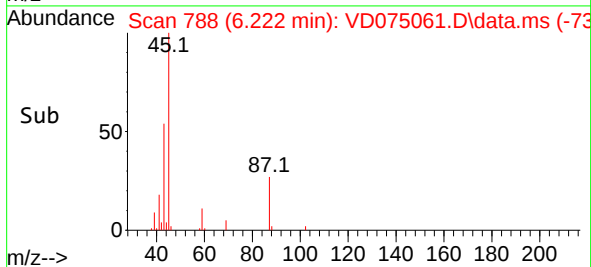
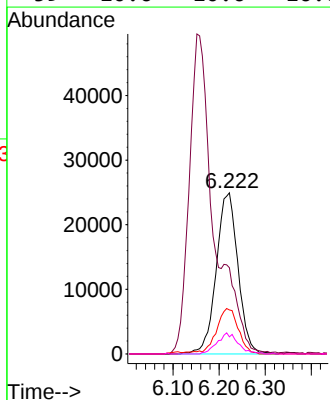
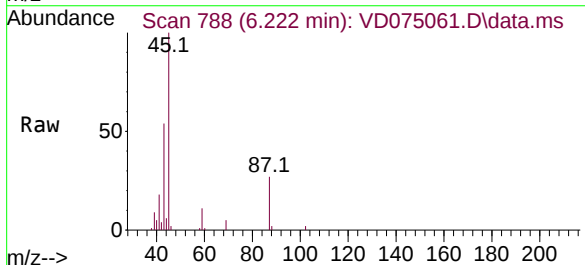
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

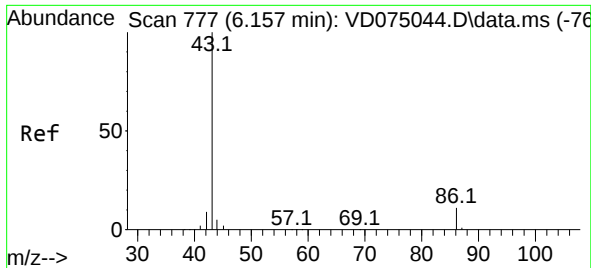
Tgt Ion: 96 Resp: 26979
Ion Ratio Lower Upper
96 100
61 128.3 86.7 130.1
98 65.2 49.8 74.8



#22
Diisopropyl ether
Concen: 19.842 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 45 Resp: 81658
Ion Ratio Lower Upper
45 100
43 52.8 39.8 59.8
87 27.4 27.5 41.3#
59 10.6 10.6 16.0#

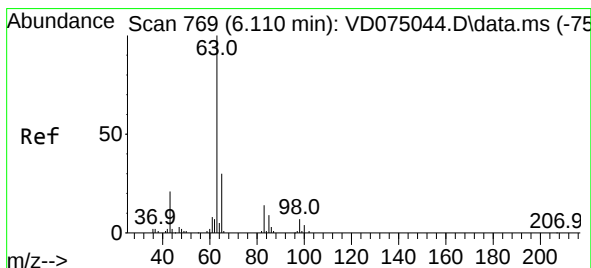
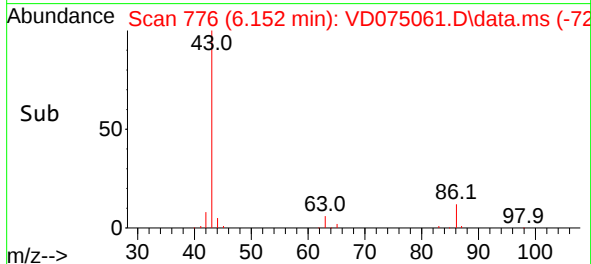
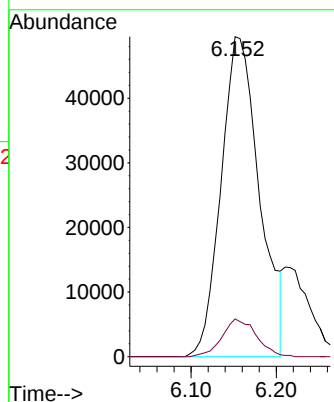
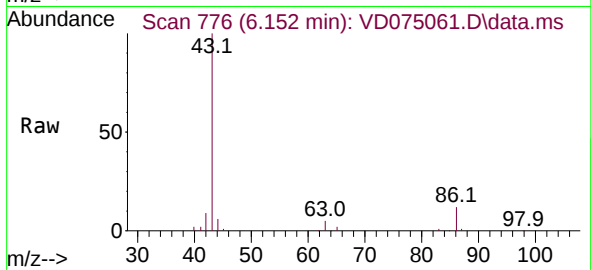




#23
 Vinyl Acetate
 Concen: 83.306 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

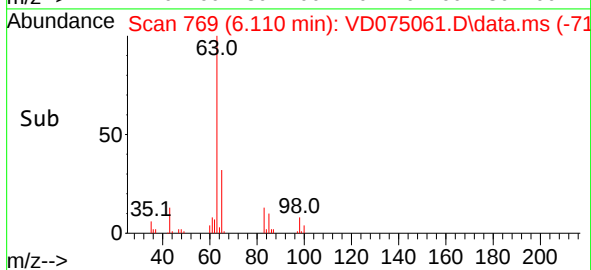
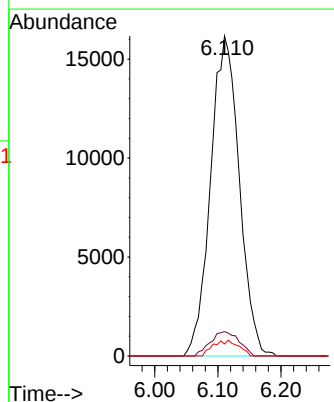
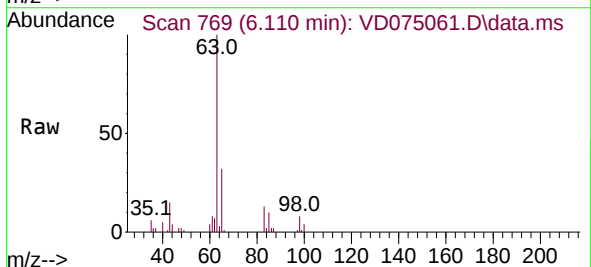
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

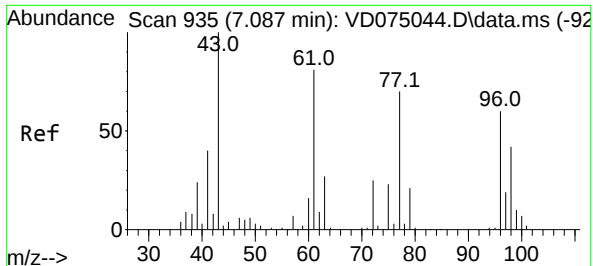
Tgt Ion: 43 Resp: 155041
 Ion Ratio Lower Upper
 43 100
 86 11.8 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 21.260 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

Tgt Ion: 63 Resp: 51101
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 13.1
 100 3.8 2.5 7.4

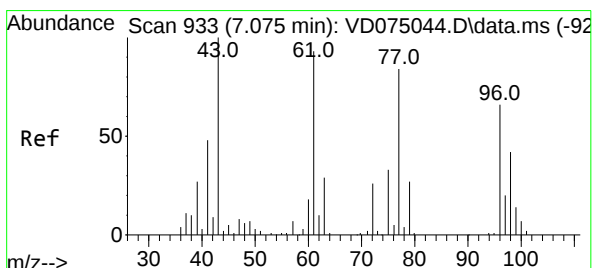
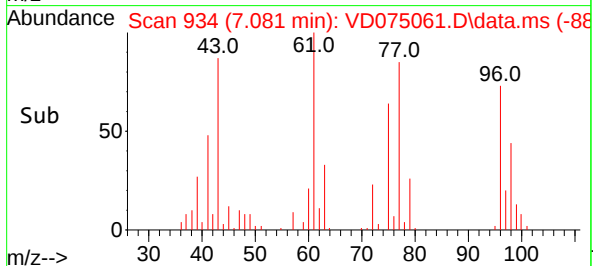
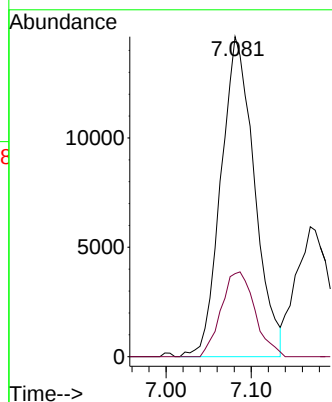
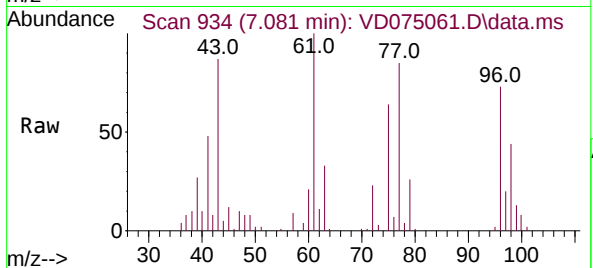




#25
2-Butanone
Concen: 93.069 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

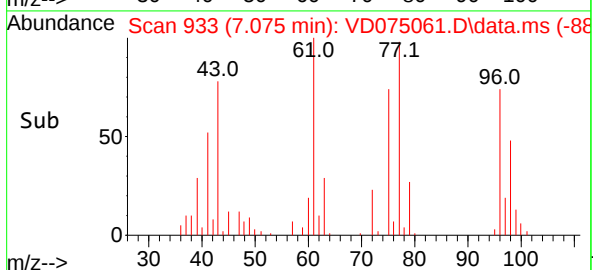
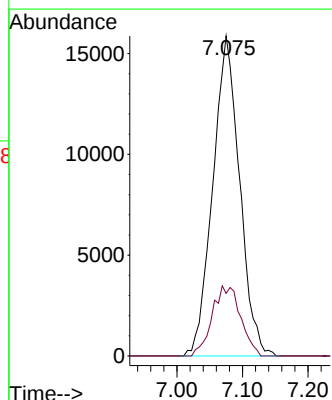
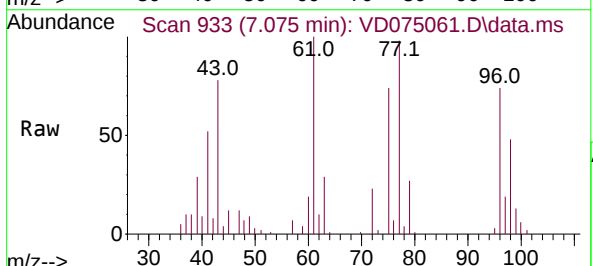
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

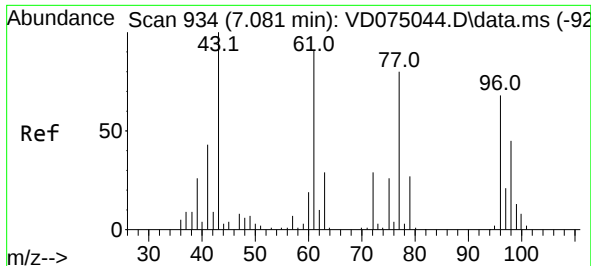
Tgt Ion: 43 Resp: 39954
Ion Ratio Lower Upper
43 100
72 26.0 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 20.954 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 77 Resp: 44992
Ion Ratio Lower Upper
77 100
97 23.2 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 21.339 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

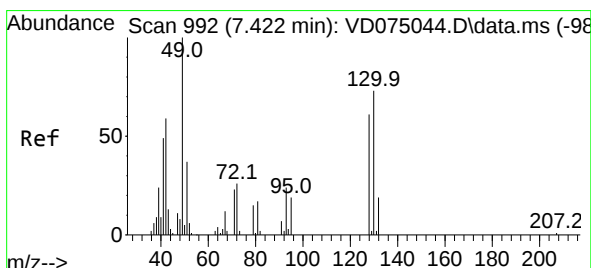
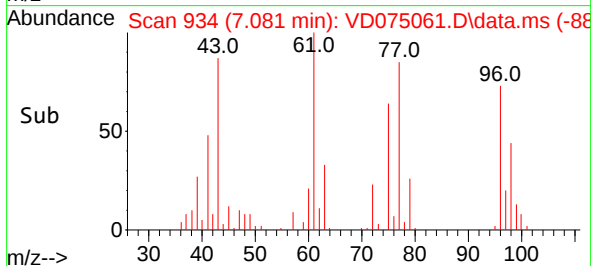
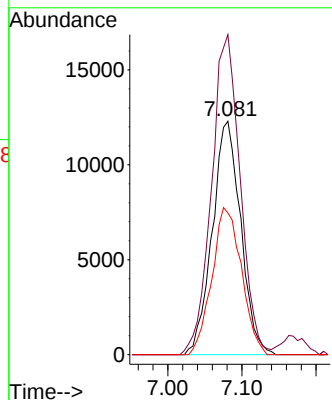
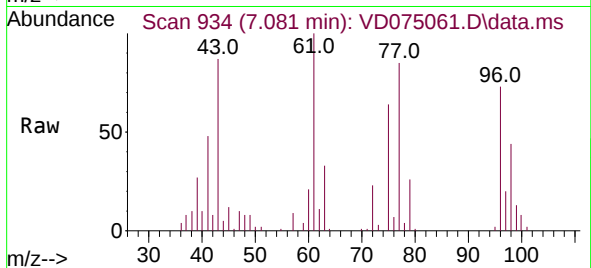
Tgt Ion: 96 Resp: 32798

Ion Ratio Lower Upper

96 100

61 137.9 0.0 244.6

98 65.3 0.0 131.0



#28

Bromochloromethane

Concen: 19.364 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

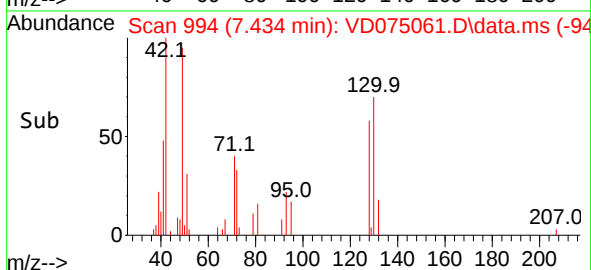
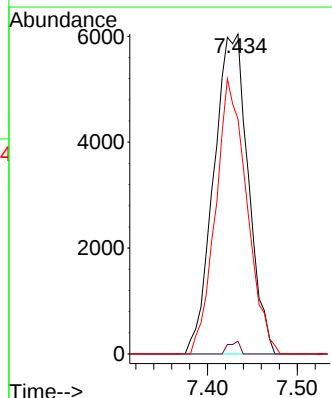
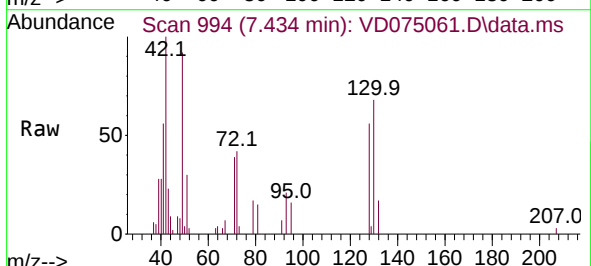
Tgt Ion: 49 Resp: 16112

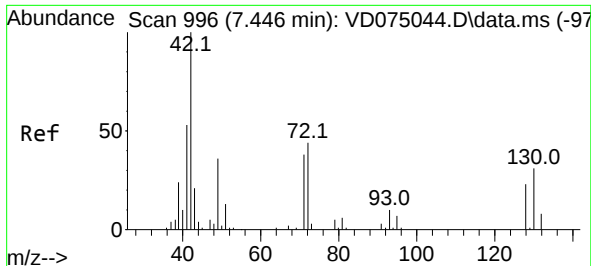
Ion Ratio Lower Upper

49 100

129 1.3 0.0 5.0

130 77.9 78.2 117.4#





#29

Tetrahydrofuran

Concen: 92.354 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

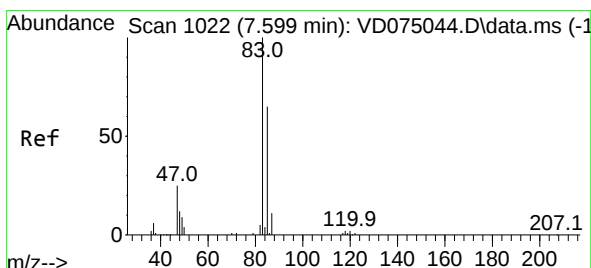
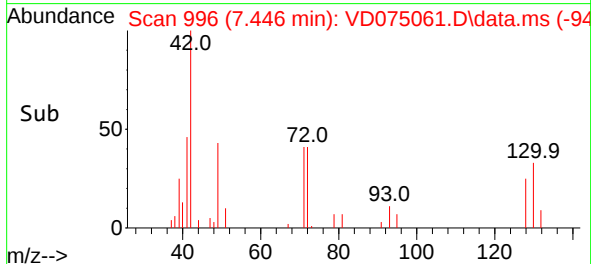
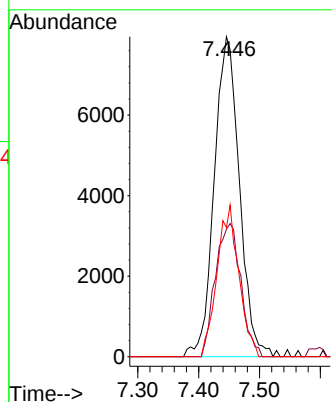
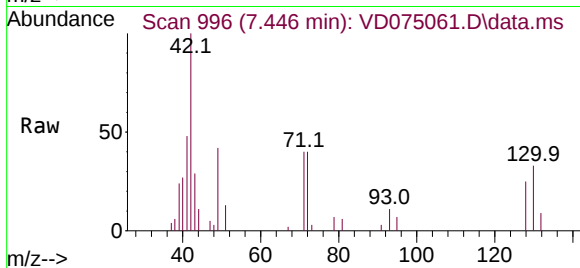
Tgt Ion: 42 Resp: 22857

Ion Ratio Lower Upper

42 100

72 41.8 43.8 65.8#

71 40.8 41.1 61.7#



#30

Chloroform

Concen: 21.265 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075061.D

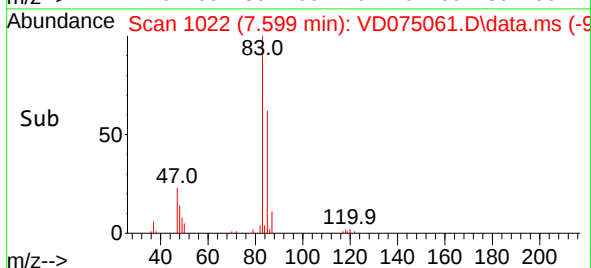
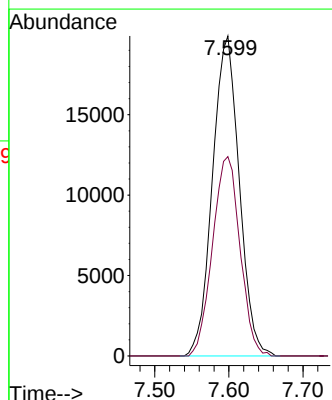
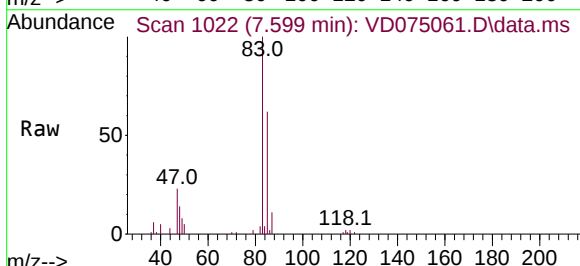
Acq: 28 Dec 2022 13:02

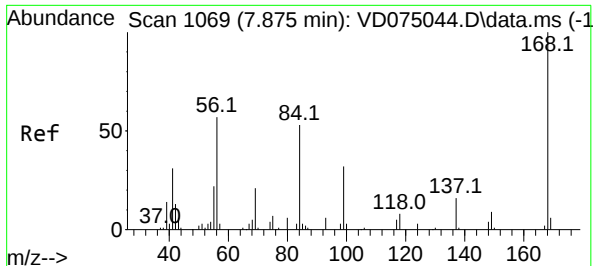
Tgt Ion: 83 Resp: 49910

Ion Ratio Lower Upper

83 100

85 62.3 51.4 77.0

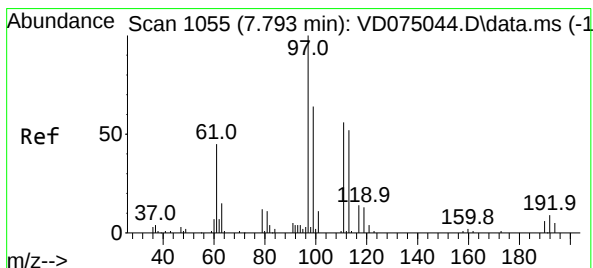
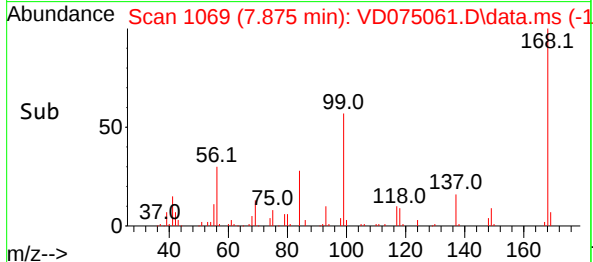
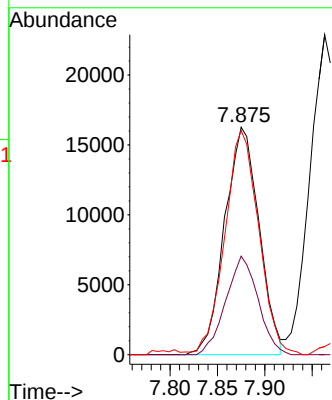
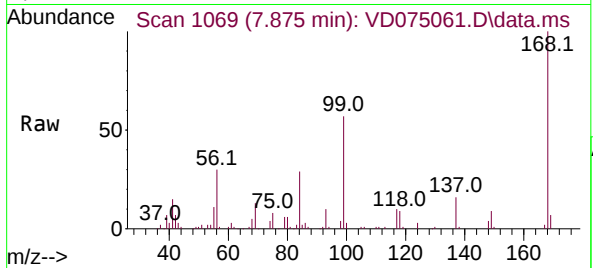




#31
Cyclohexane
Concen: 21.348 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

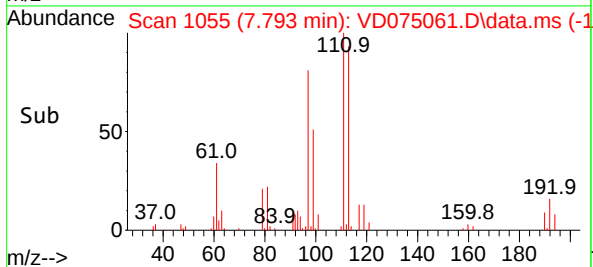
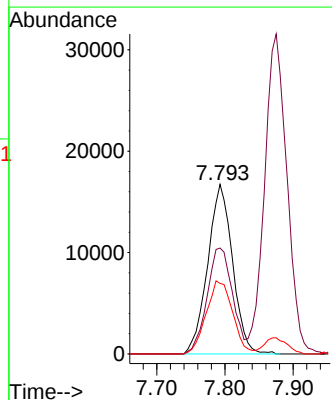
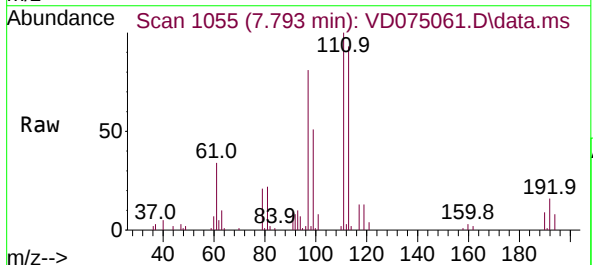
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

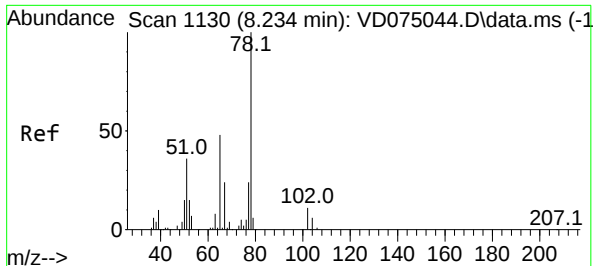
Tgt Ion: 56 Resp: 41033
Ion Ratio Lower Upper
56 100
69 43.3 29.4 44.2
84 97.5 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 20.911 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 97 Resp: 42468
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 45.6 30.3 45.5#





#33

1,2-Dichloroethane-d4

Concen: 50.045 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

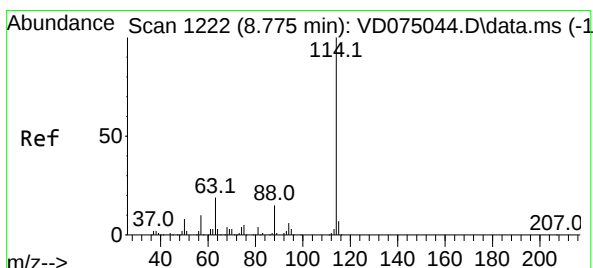
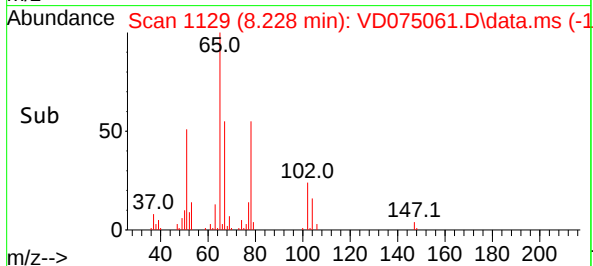
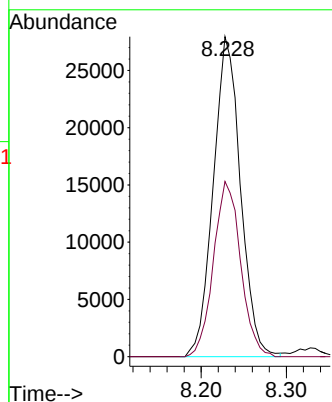
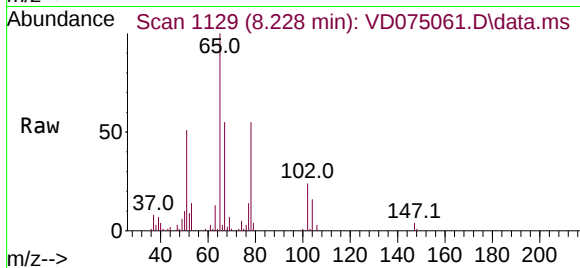
VD1228SBS01

Tgt Ion: 65 Resp: 61986

Ion Ratio Lower Upper

65 100

67 54.6 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

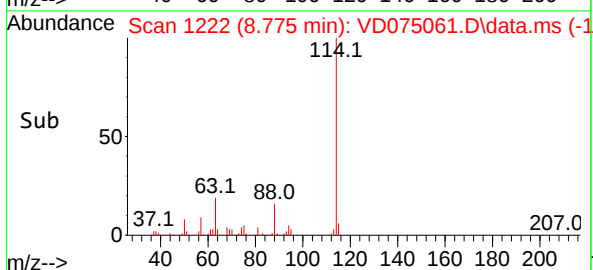
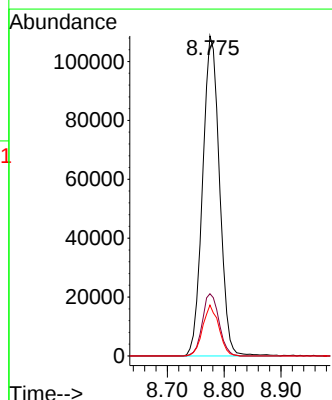
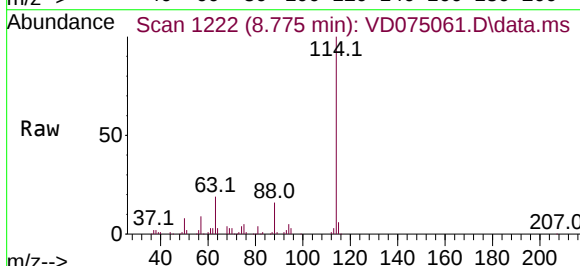
Tgt Ion: 114 Resp: 224540

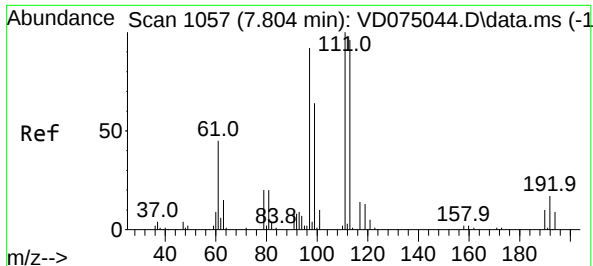
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.8

88 15.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 51.311 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

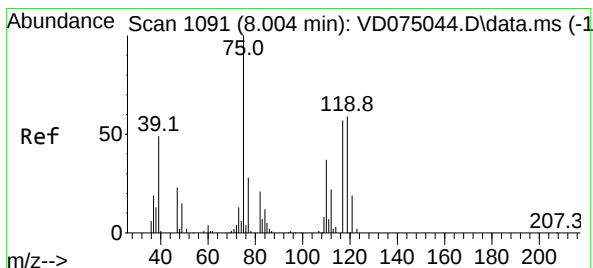
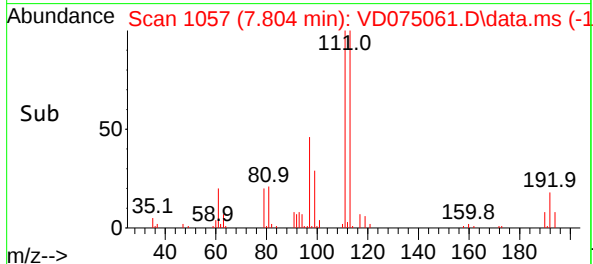
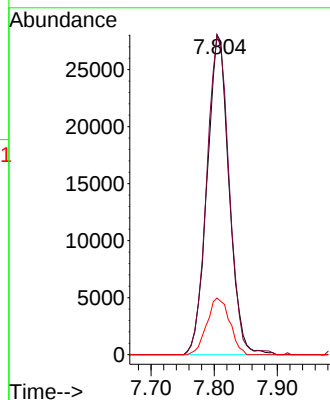
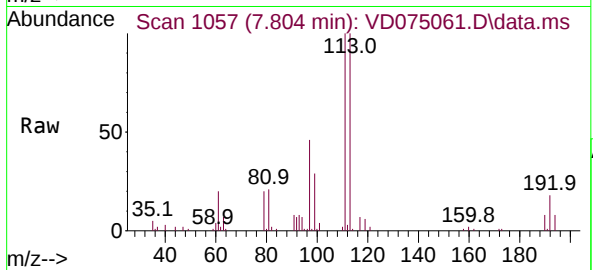
Tgt Ion:113 Resp: 67797

Ion Ratio Lower Upper

113 100

111 101.7 82.1 123.1

192 18.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 21.286 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

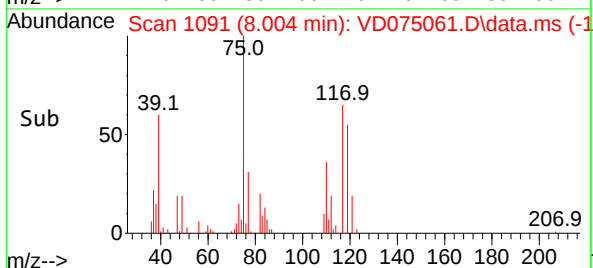
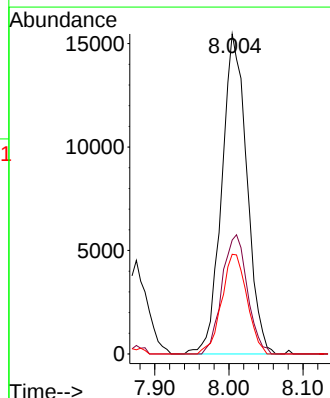
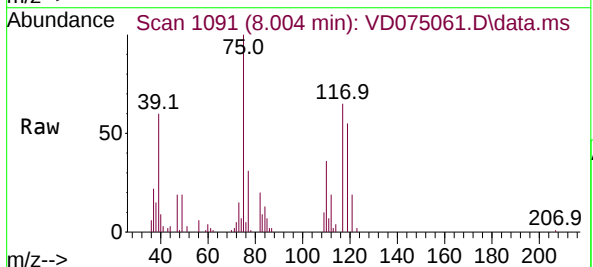
Tgt Ion: 75 Resp: 36328

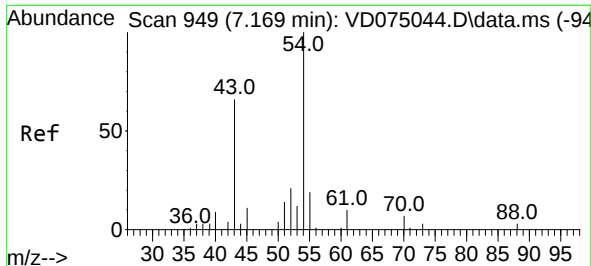
Ion Ratio Lower Upper

75 100

110 37.7 19.0 57.0

77 31.4 25.2 37.8





#37

Ethyl Acetate

Concen: 19.232 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

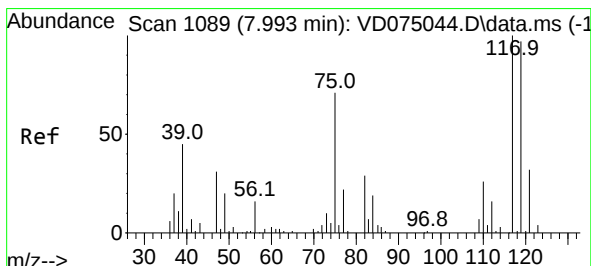
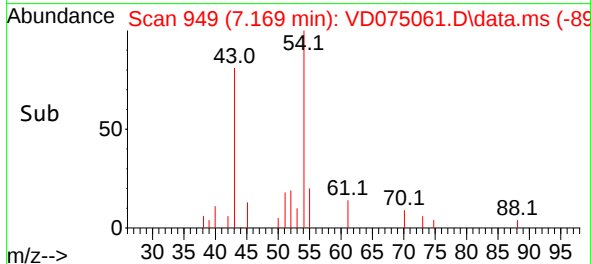
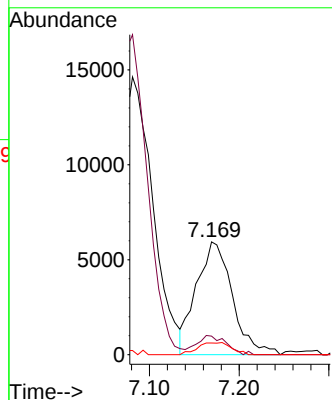
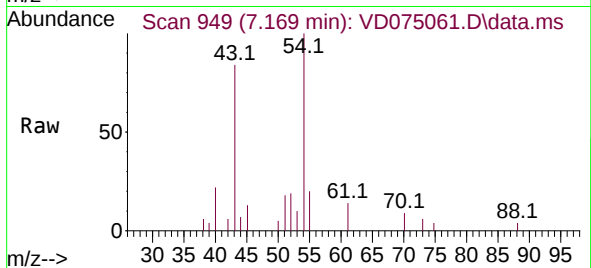
Tgt Ion: 43 Resp: 16580

Ion Ratio Lower Upper

43 100

61 13.8 12.8 19.2

70 10.0 10.2 15.4#



#38

Carbon Tetrachloride

Concen: 21.728 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

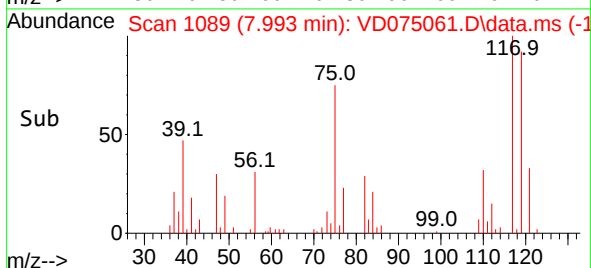
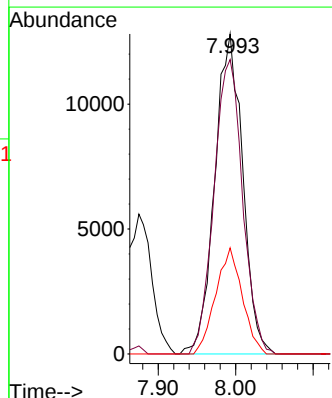
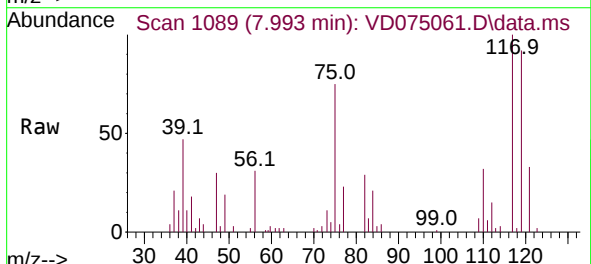
Tgt Ion: 117 Resp: 32065

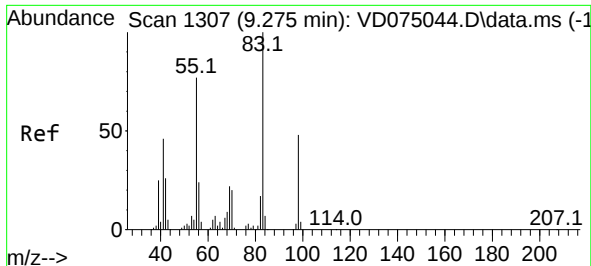
Ion Ratio Lower Upper

117 100

119 92.0 75.8 113.6

121 33.1 25.4 38.0





#39

Methylcyclohexane

Concen: 21.955 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

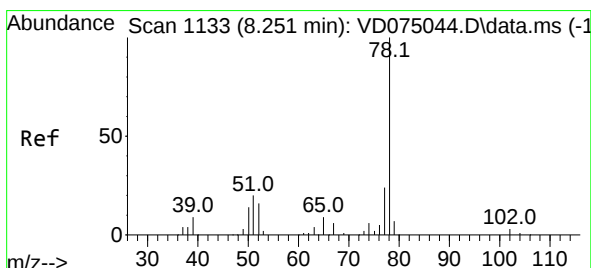
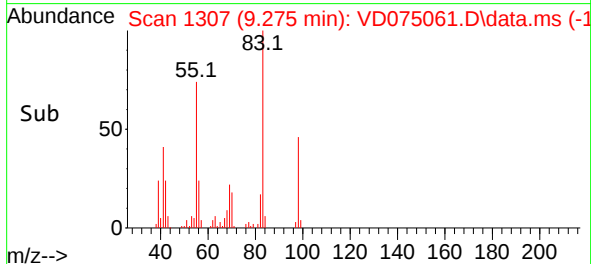
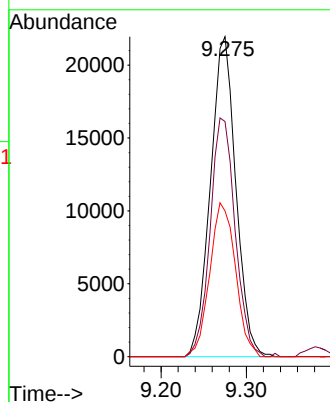
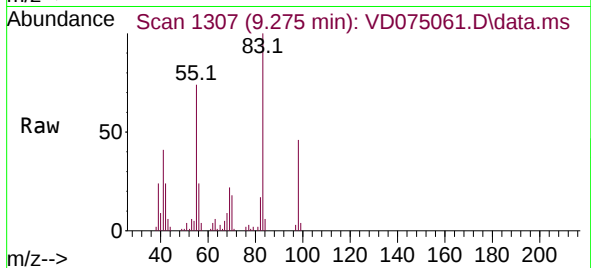
Tgt Ion: 83 Resp: 45506

Ion Ratio Lower Upper

83 100

55 73.5 53.1 79.7

98 45.5 37.5 56.3



#40

Benzene

Concen: 21.048 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075061.D

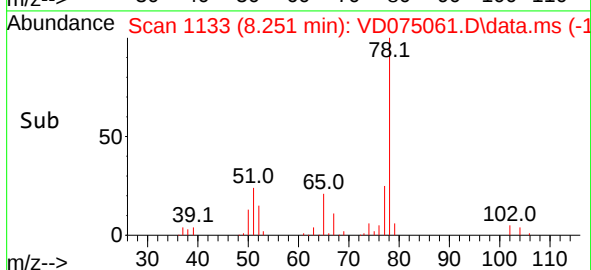
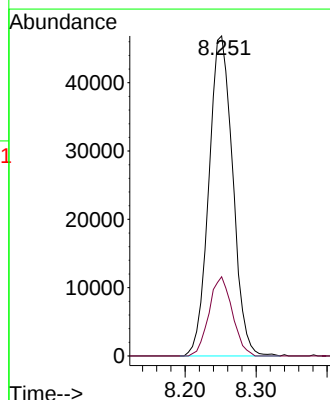
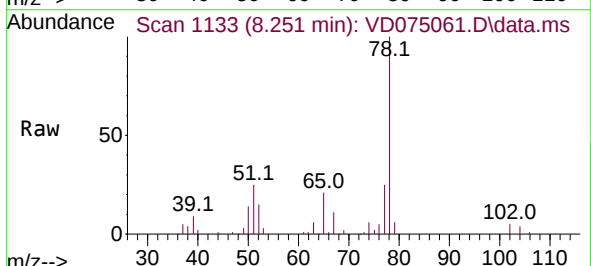
Acq: 28 Dec 2022 13:02

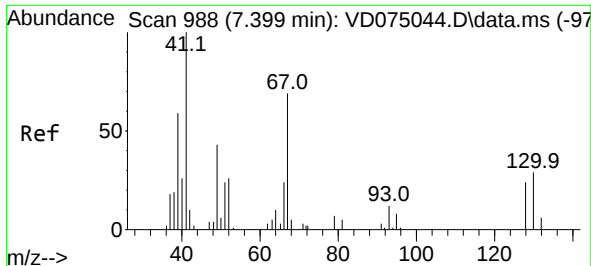
Tgt Ion: 78 Resp: 109365

Ion Ratio Lower Upper

78 100

77 24.7 18.6 27.8



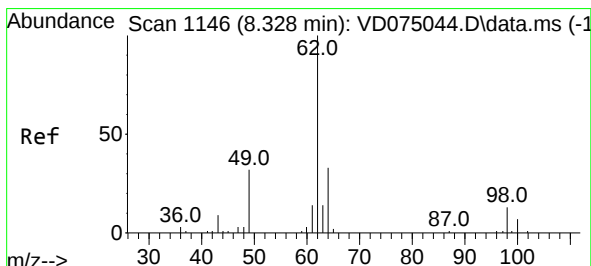
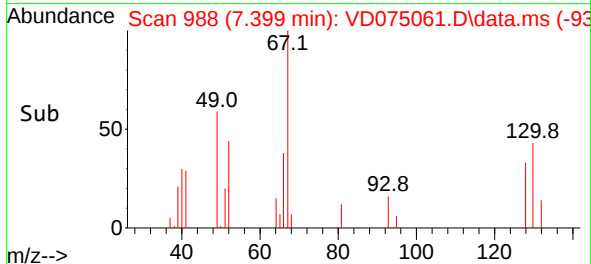
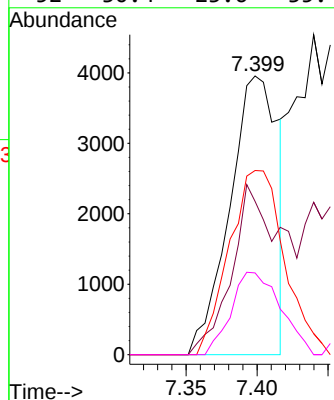
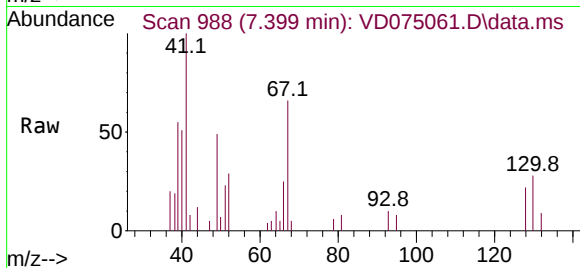


#41
Methacrylonitrile
Concen: 17.399 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

Tgt Ion: 41 Resp: 9333

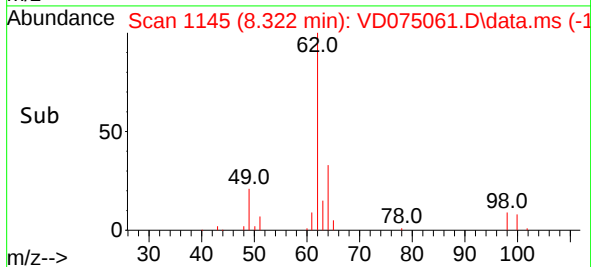
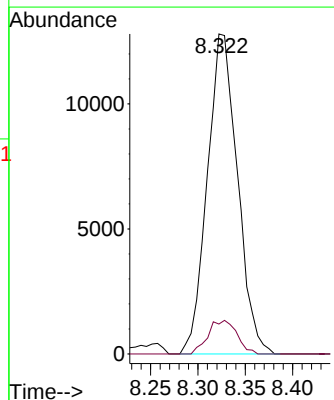
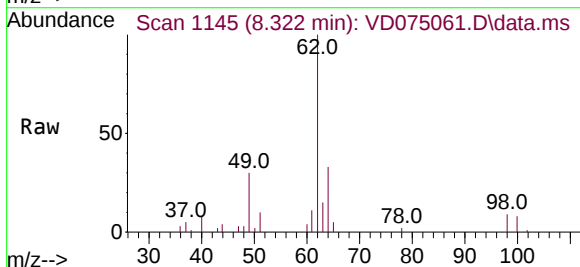
Ion	Ratio	Lower	Upper
41	100		
39	64.9	44.8	67.2
67	75.5	69.6	104.4
52	30.4	23.6	35.4

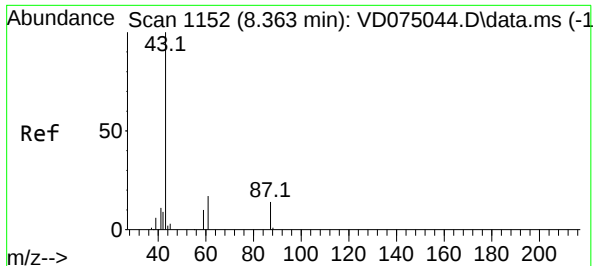


#42
1,2-Dichloroethane
Concen: 21.410 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 62 Resp: 28383

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	23.4

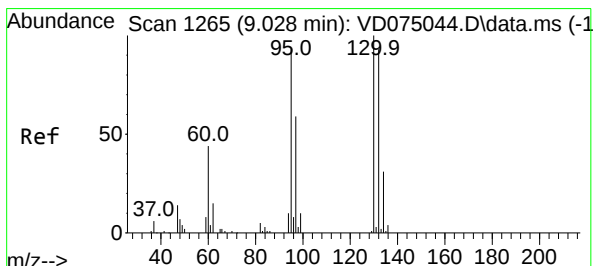
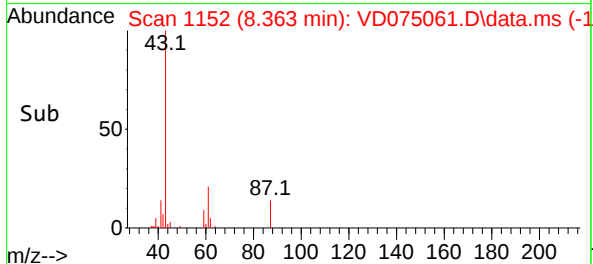
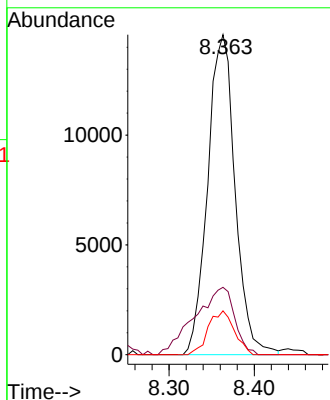
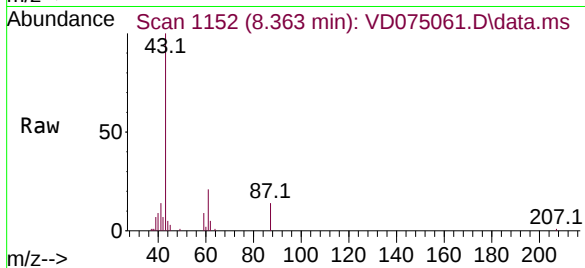




#43
Isopropyl Acetate
Concen: 18.802 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

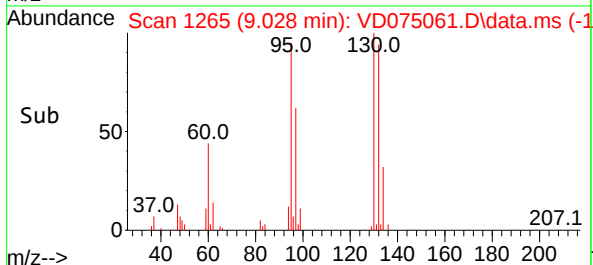
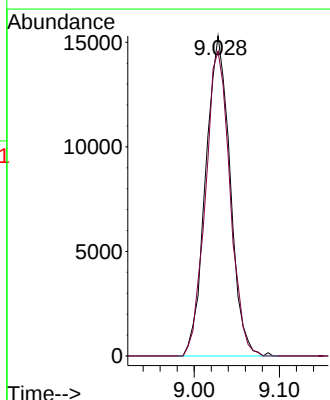
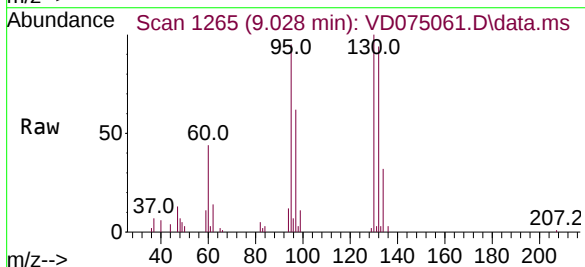
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

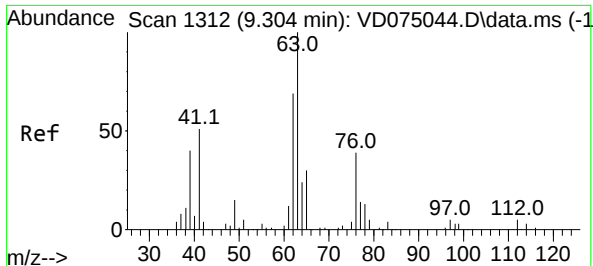
Tgt Ion: 43 Resp: 32610
Ion Ratio Lower Upper
43 100
61 30.5 28.2 42.4
87 13.0 13.6 20.4#



#44
Trichloroethene
Concen: 21.294 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:130 Resp: 30474
Ion Ratio Lower Upper
130 100
95 95.3 0.0 190.0

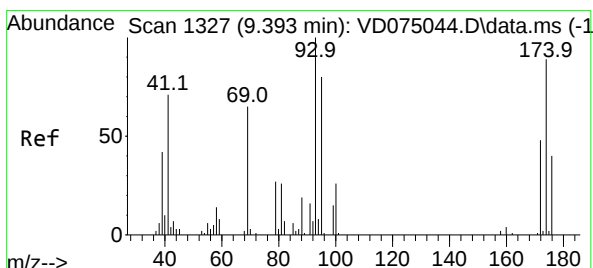
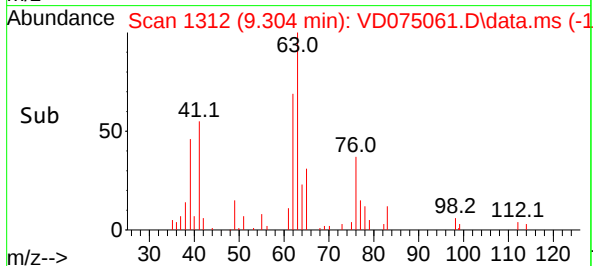
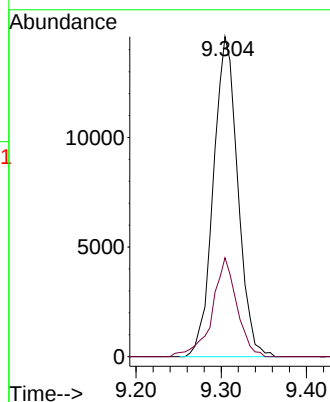
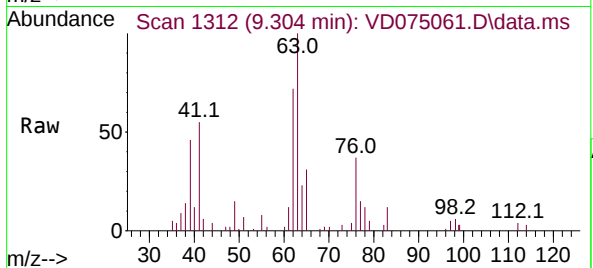




#45
1,2-Dichloropropane
Concen: 20.921 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

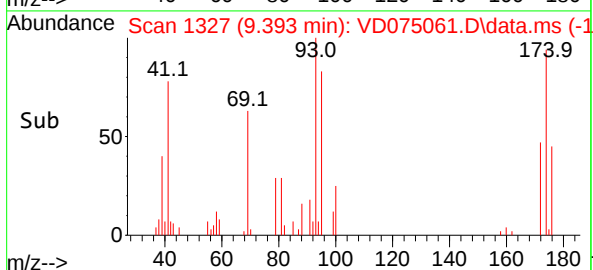
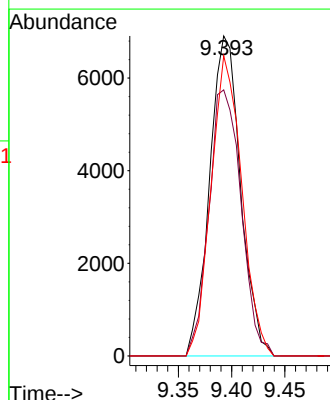
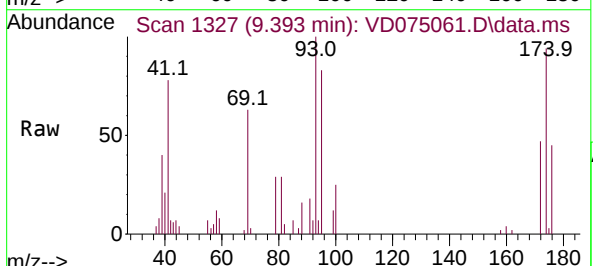
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

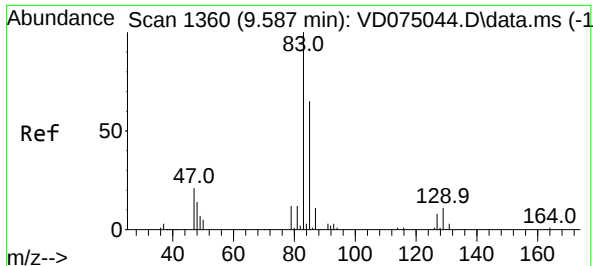
Tgt Ion: 63 Resp: 29116
Ion Ratio Lower Upper
63 100
65 30.9 27.0 40.6



#46
Dibromomethane
Concen: 20.195 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 93 Resp: 13978
Ion Ratio Lower Upper
93 100
95 86.4 65.7 98.5
174 93.0 74.7 112.1

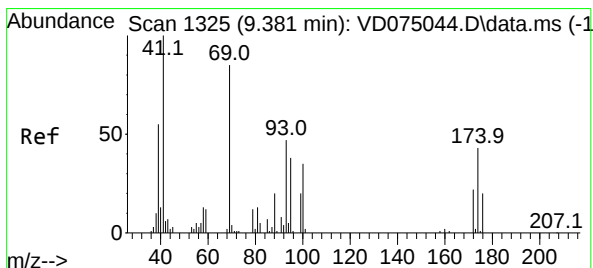
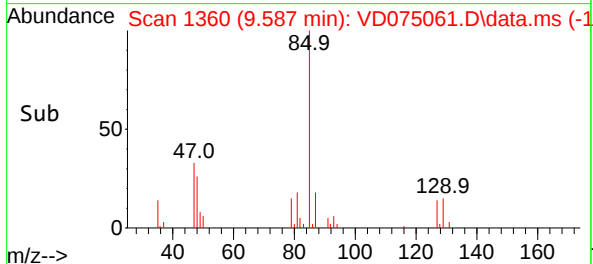
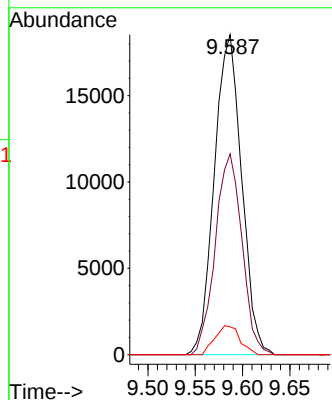
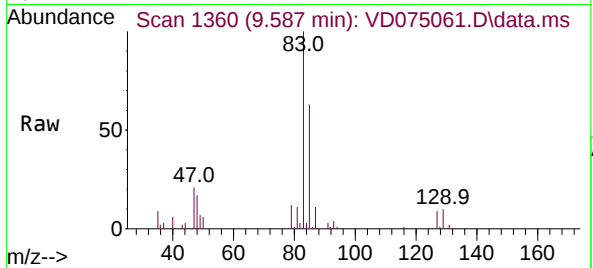




#47
Bromodichloromethane
Concen: 20.612 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

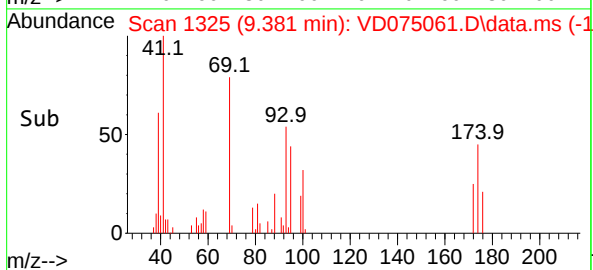
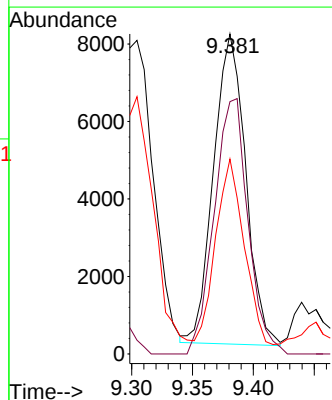
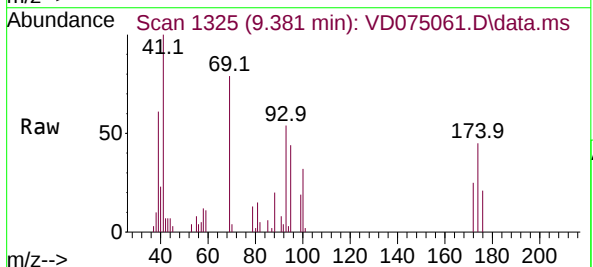
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

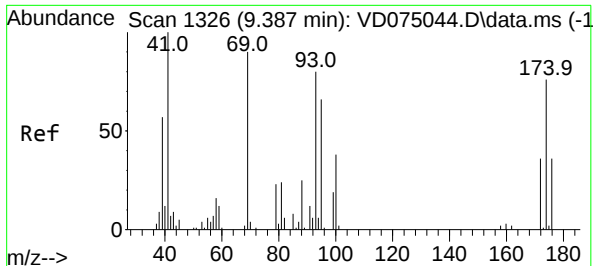
Tgt Ion:	83	Resp:	37155
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.8
127	8.7	7.2	10.8



#48
Methyl methacrylate
Concen: 18.633 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:	41	Resp:	14679
Ion	Ratio	Lower	Upper
41	100		
69	86.8	84.8	127.2
39	53.6	43.6	65.4





#49

1,4-Dioxane

Concen: 410.304 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

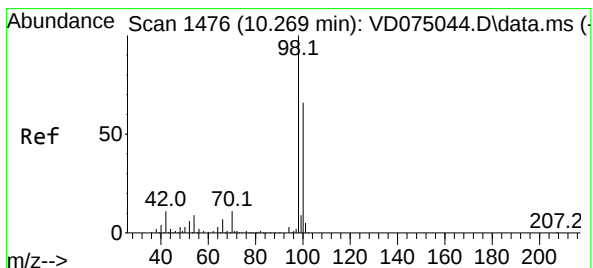
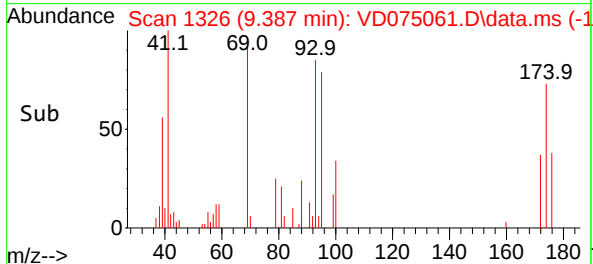
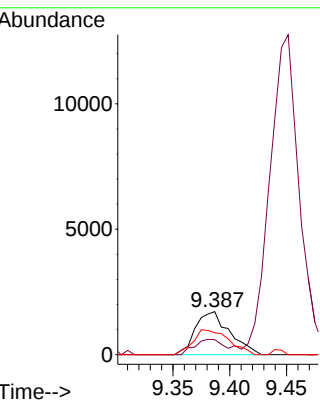
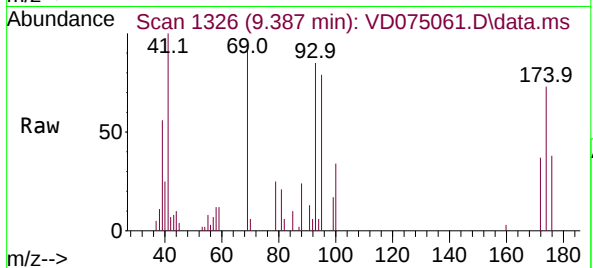
Tgt Ion: 88 Resp: 3579

Ion Ratio Lower Upper

88 100

43 29.5 23.9 35.9

58 61.1 48.4 72.6



#50

Toluene-d8

Concen: 49.581 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075061.D

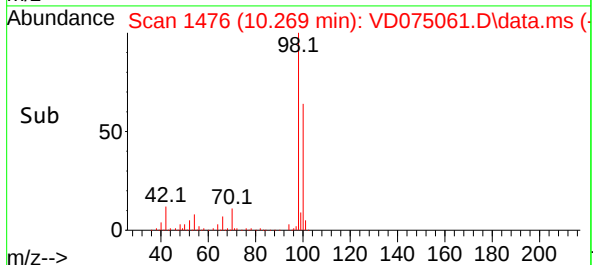
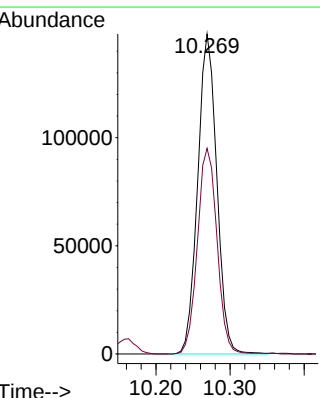
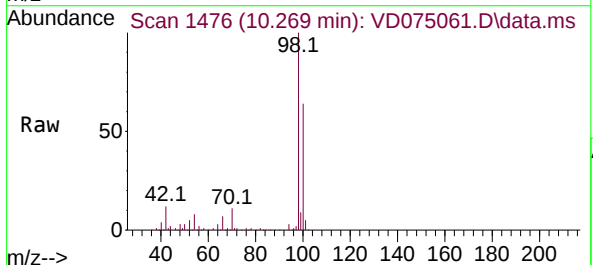
Acq: 28 Dec 2022 13:02

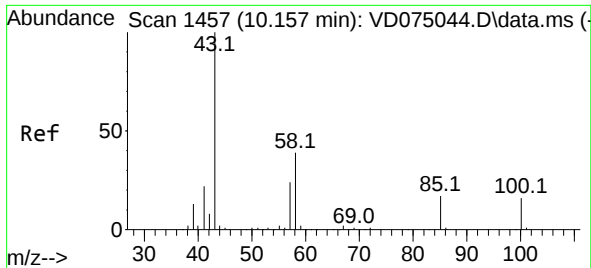
Tgt Ion: 98 Resp: 264700

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2

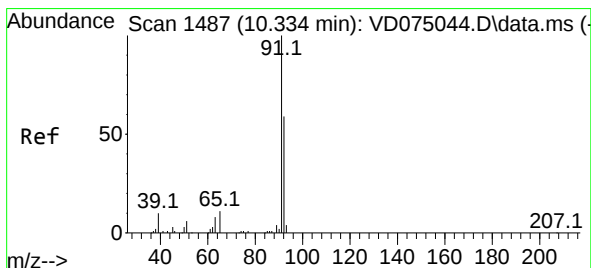
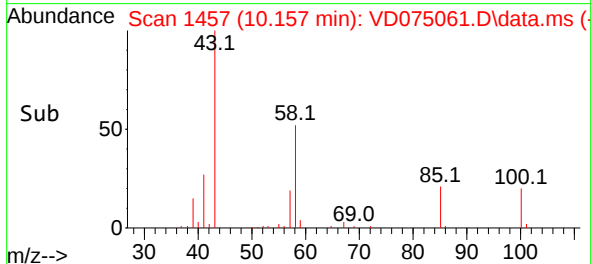
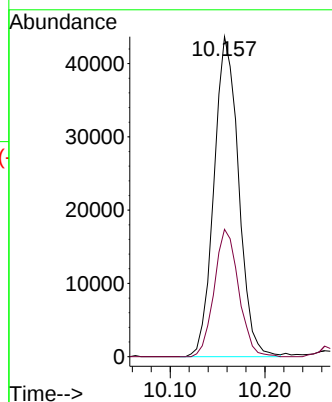
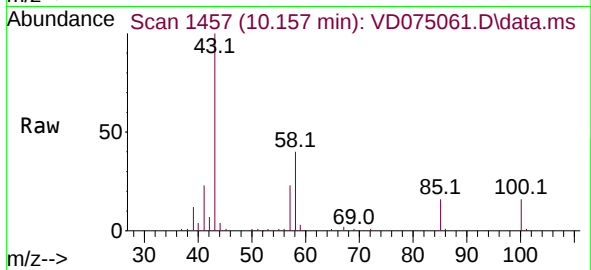




#51
4-Methyl-2-Pentanone
Concen: 92.167 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

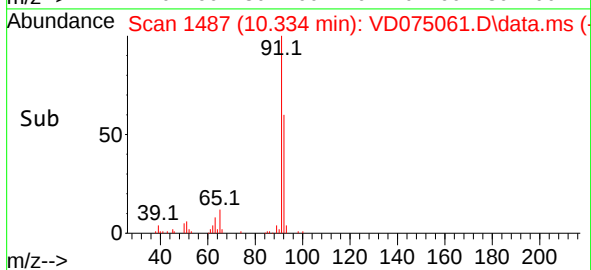
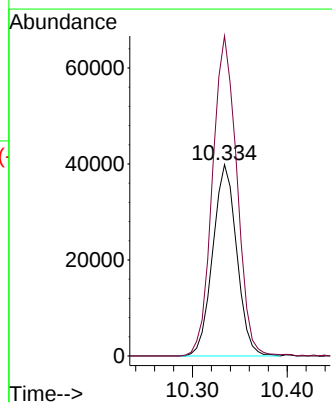
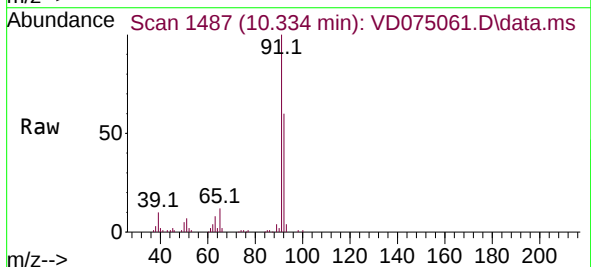
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

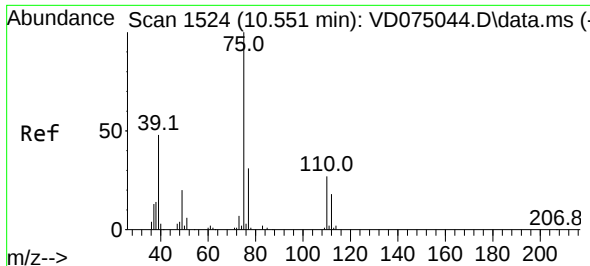
Tgt Ion: 43 Resp: 78965
Ion Ratio Lower Upper
43 100
58 39.4 35.7 53.5



#52
Toluene
Concen: 21.146 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 92 Resp: 69967
Ion Ratio Lower Upper
92 100
91 170.4 139.3 208.9

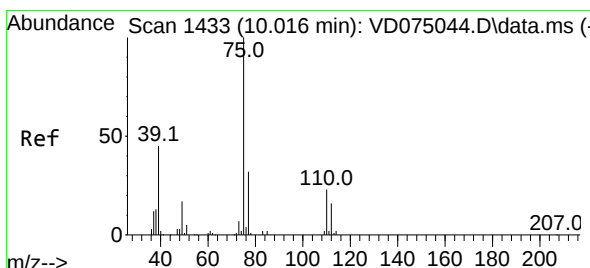
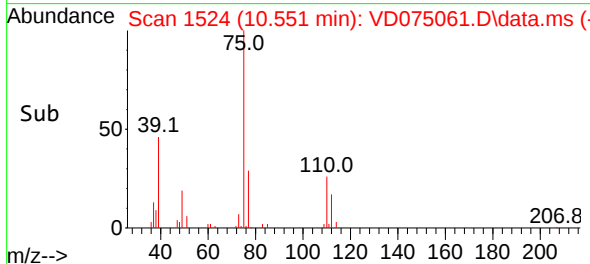
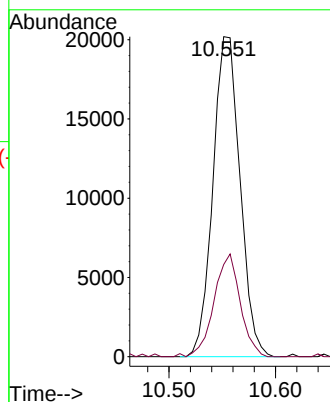
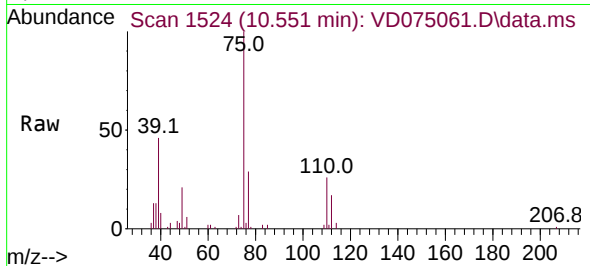




#53
t-1,3-Dichloropropene
Concen: 20.314 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

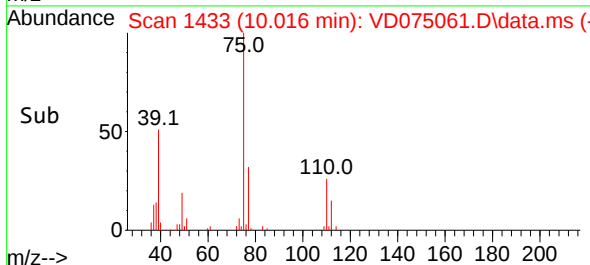
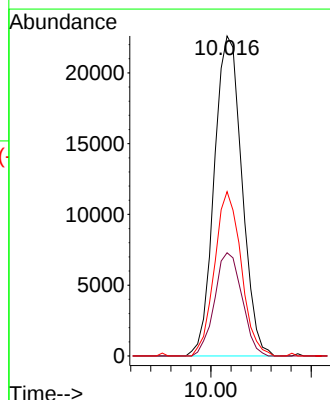
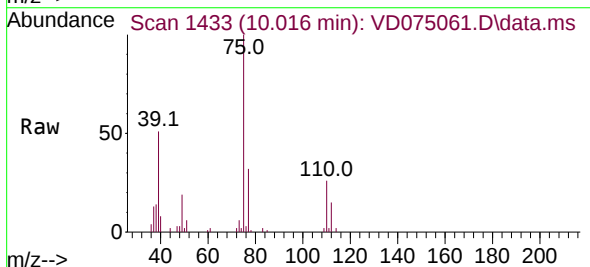
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

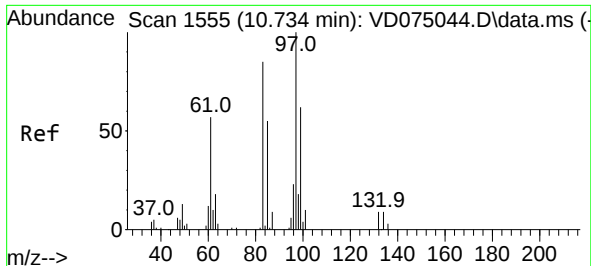
Tgt Ion: 75 Resp: 35626
Ion Ratio Lower Upper
75 100
77 28.8 26.6 39.8



#54
cis-1,3-Dichloropropene
Concen: 20.497 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 75 Resp: 43319
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 51.4 25.7 38.5#

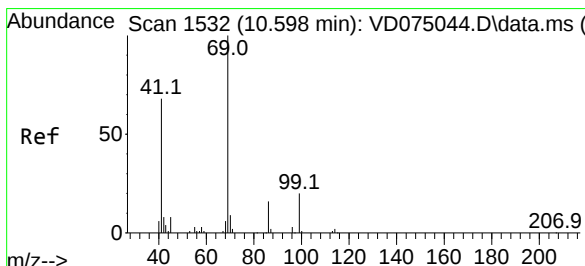
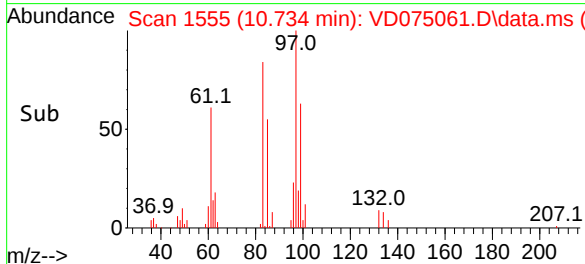
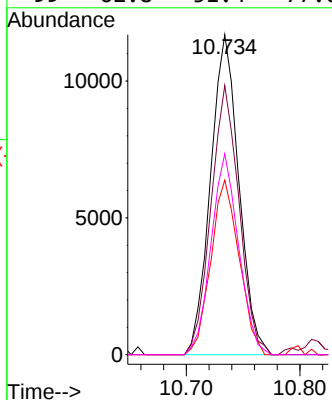
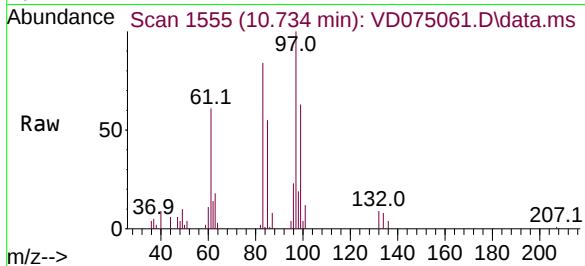




#55
1,1,2-Trichloroethane
Concen: 20.017 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

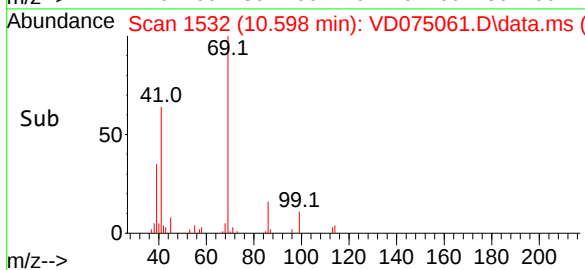
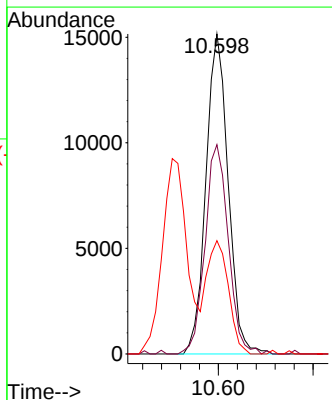
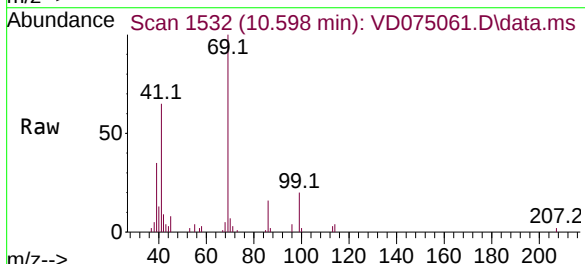
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

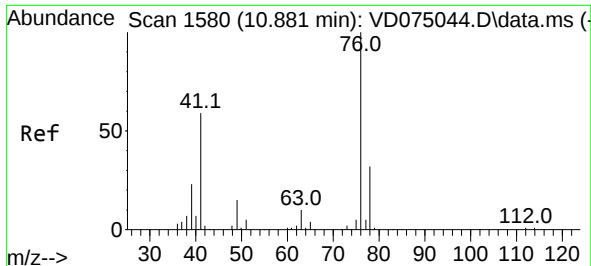
Tgt Ion:	97	Resp:	20288
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.1	97.7
85	54.5	43.3	64.9
99	62.8	51.4	77.0



#56
Ethyl methacrylate
Concen: 18.530 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:	69	Resp:	24722
Ion	Ratio	Lower	Upper
69	100		
41	68.5	42.2	63.4#
39	34.4	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 20.530 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

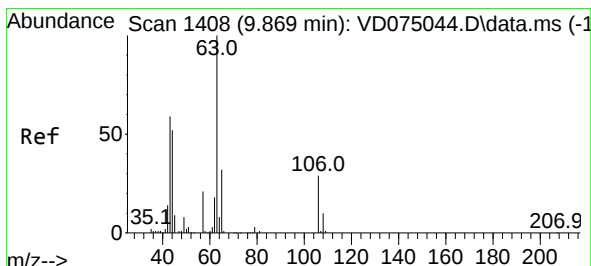
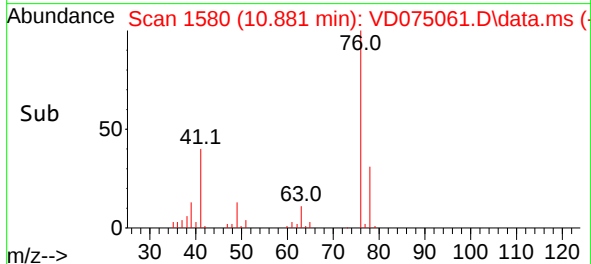
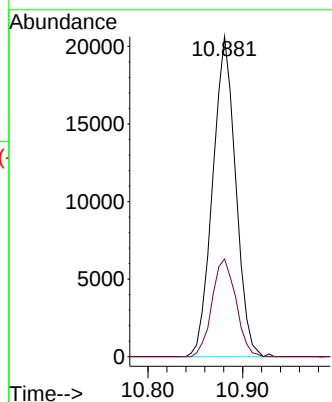
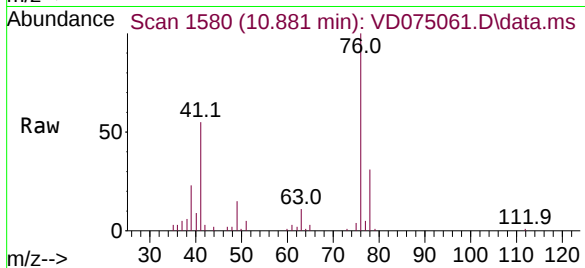
VD1228SBS01

Tgt Ion: 76 Resp: 34786

Ion Ratio Lower Upper

76 100

78 31.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.256 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075061.D

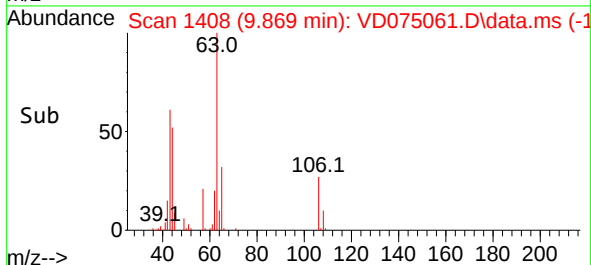
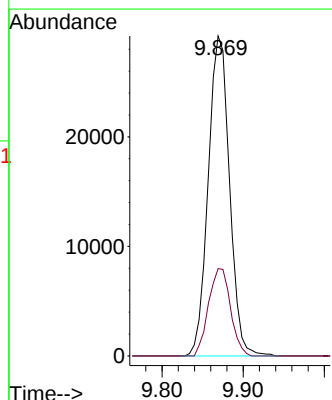
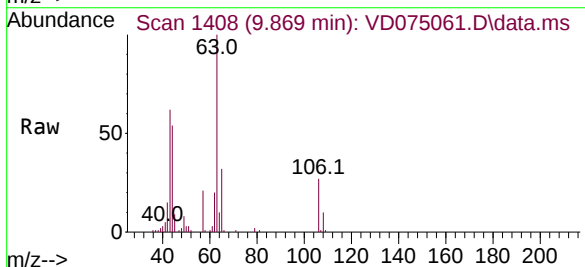
Acq: 28 Dec 2022 13:02

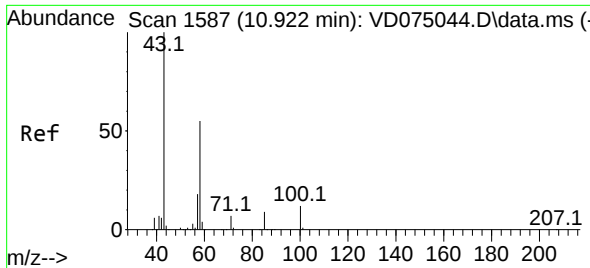
Tgt Ion: 63 Resp: 53260

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

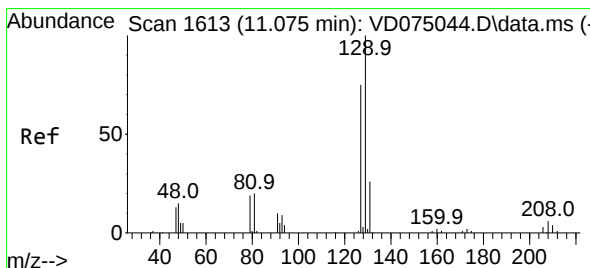
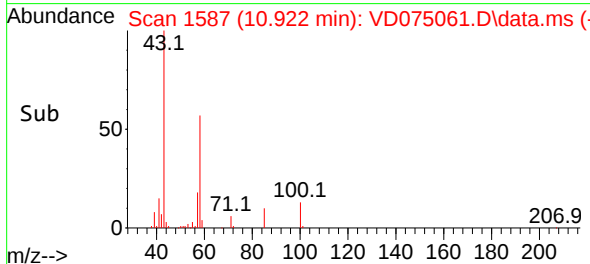
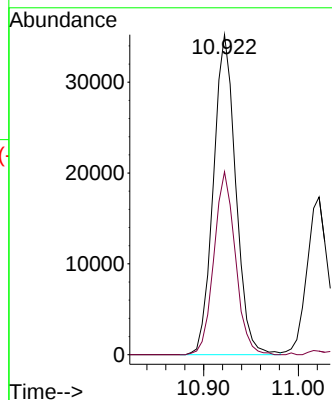
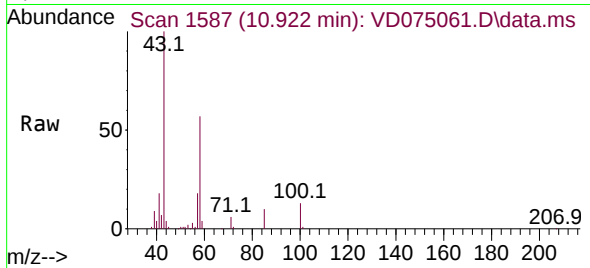




#59
2-Hexanone
Concen: 92.753 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

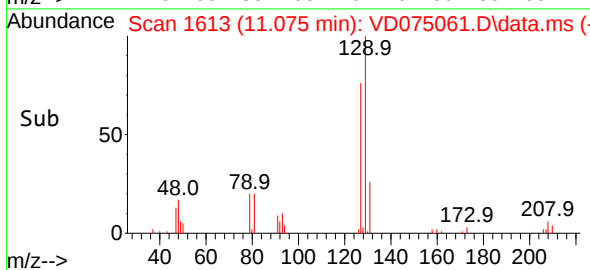
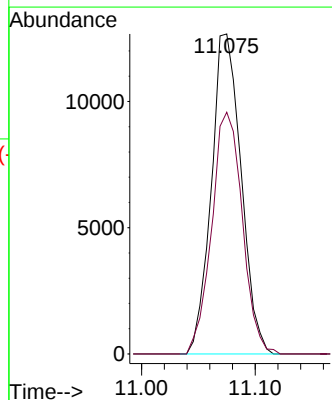
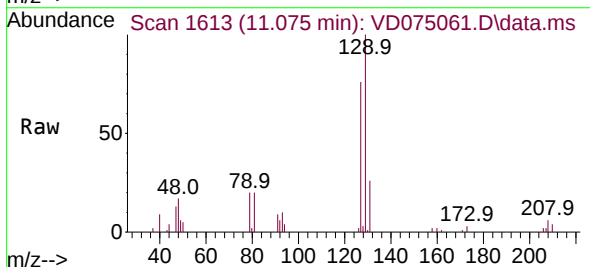
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

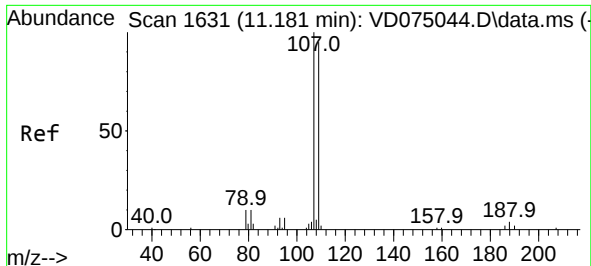
Tgt Ion: 43 Resp: 57788
Ion Ratio Lower Upper
43 100
58 54.8 30.8 92.4



#60
Dibromochloromethane
Concen: 19.884 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 129 Resp: 23089
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3

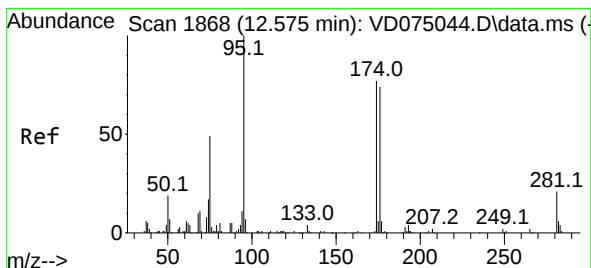
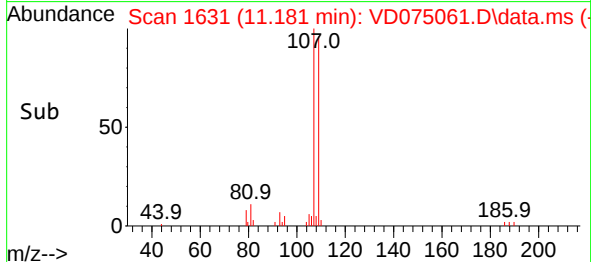
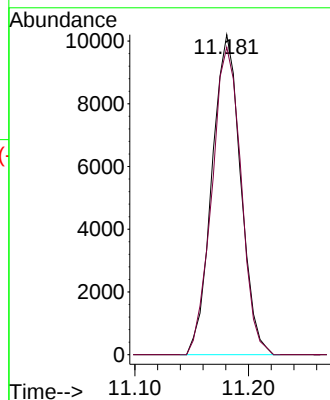
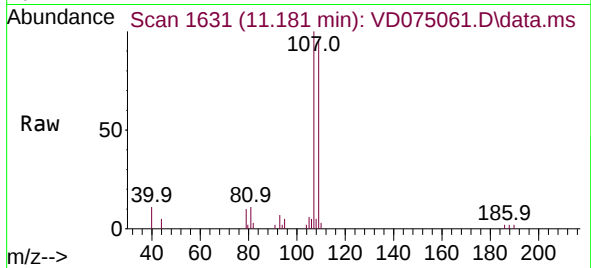




#61
1,2-Dibromoethane
Concen: 19.715 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

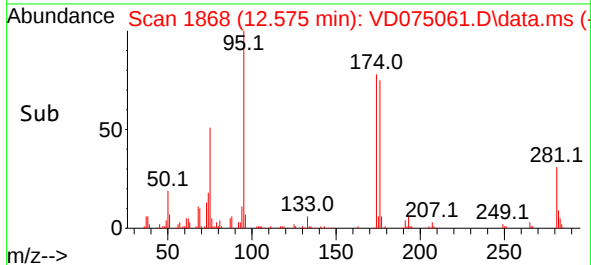
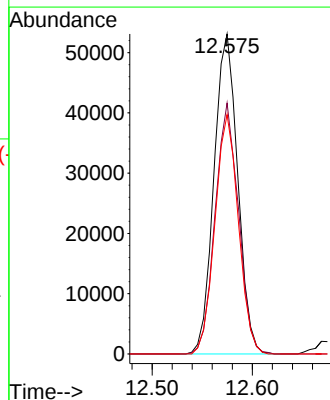
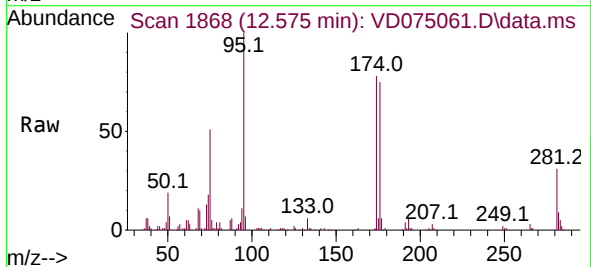
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

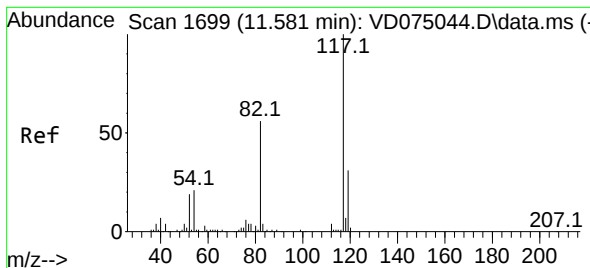
Tgt Ion:107 Resp: 17914
Ion Ratio Lower Upper
107 100
109 97.5 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 50.424 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 95 Resp: 87210
Ion Ratio Lower Upper
95 100
174 77.3 0.0 171.2
176 73.9 0.0 165.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

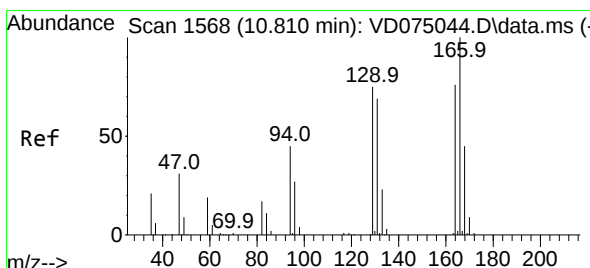
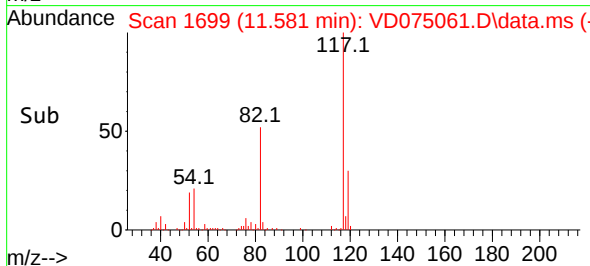
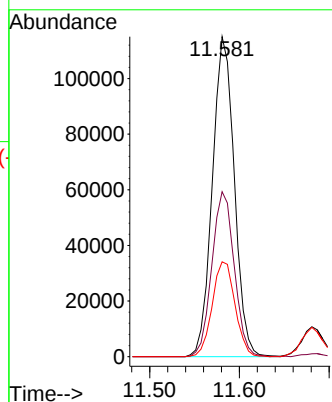
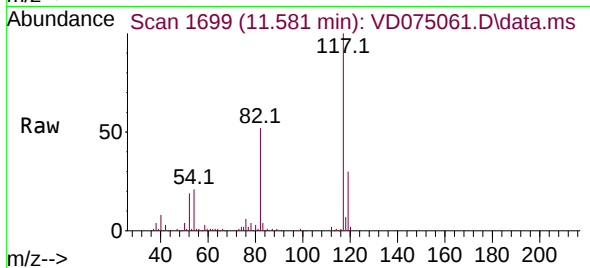
Tgt Ion:117 Resp: 195363

Ion Ratio Lower Upper

117 100

82 51.5 40.9 61.3

119 29.6 25.5 38.3



#64

Tetrachloroethene

Concen: 21.606 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Tgt Ion:164 Resp: 24707

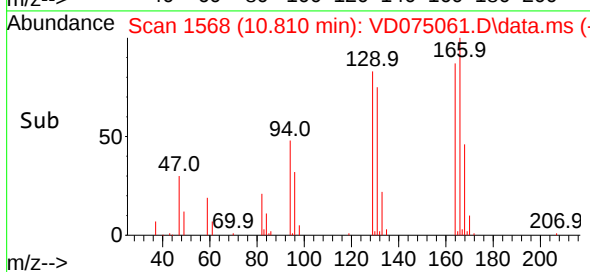
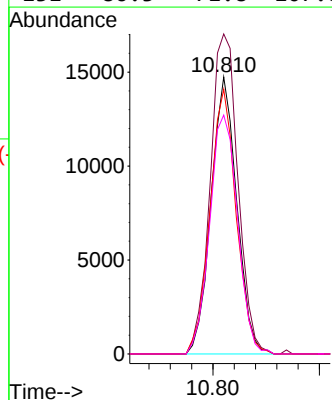
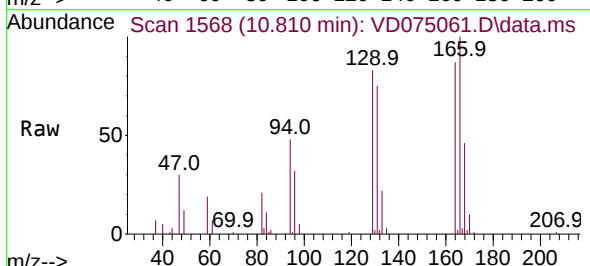
Ion Ratio Lower Upper

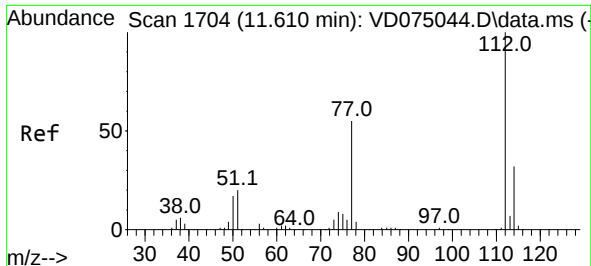
164 100

166 115.5 99.4 149.0

129 95.6 76.7 115.1

131 86.3 71.8 107.8

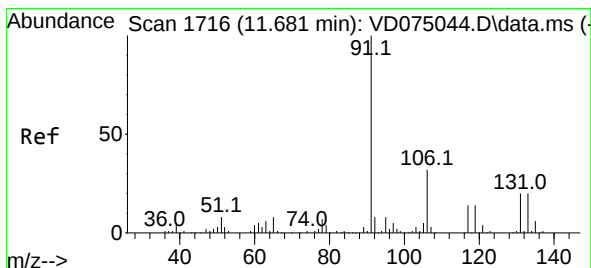
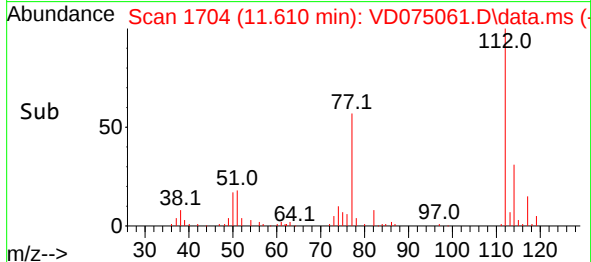
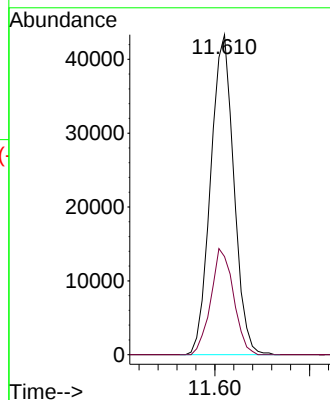
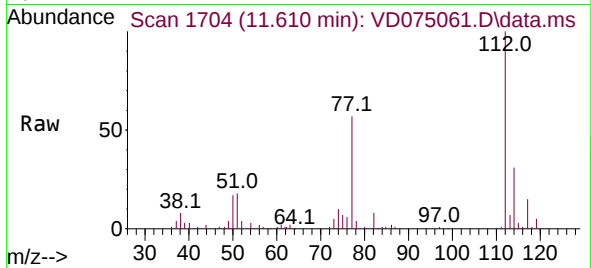




#65
Chlorobenzene
Concen: 20.608 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

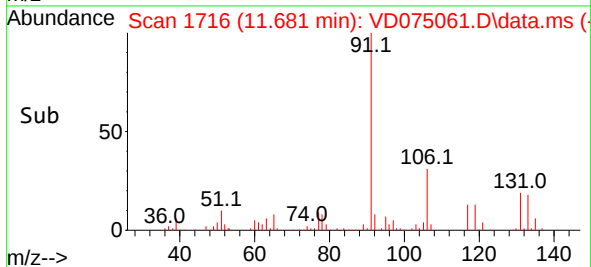
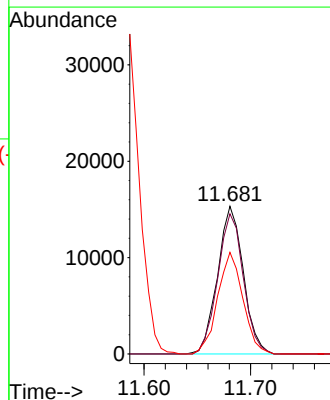
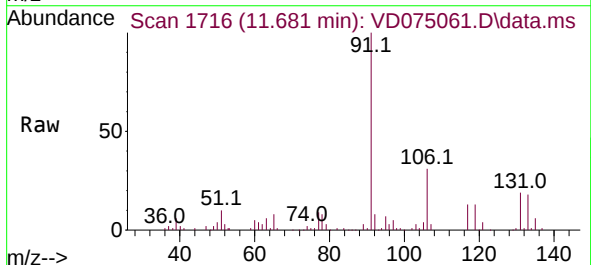
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

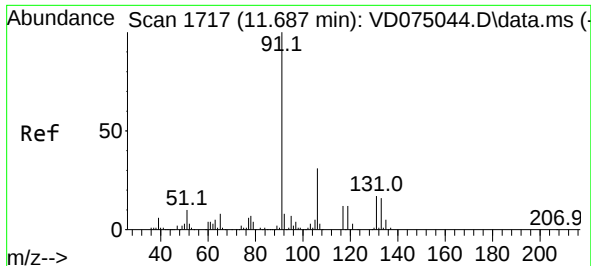
Tgt Ion:112 Resp: 73531
Ion Ratio Lower Upper
112 100
114 30.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.823 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:131 Resp: 25729
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.6
119 67.5 34.2 102.5





#67

Ethyl Benzene

Concen: 20.430 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

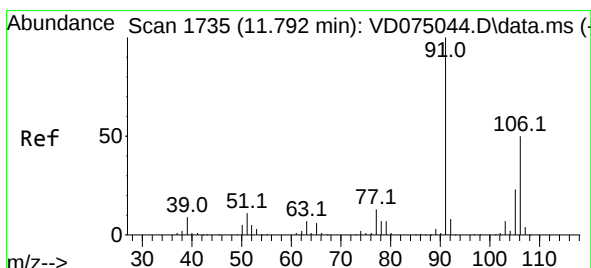
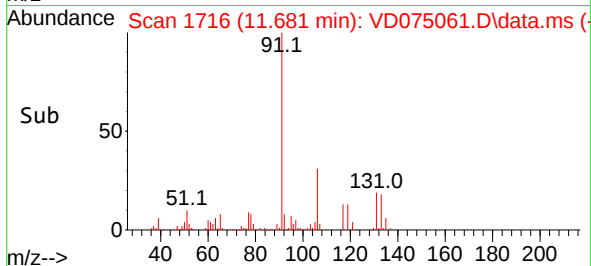
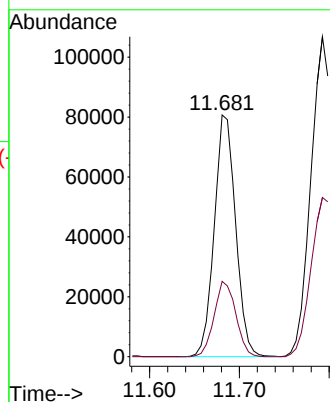
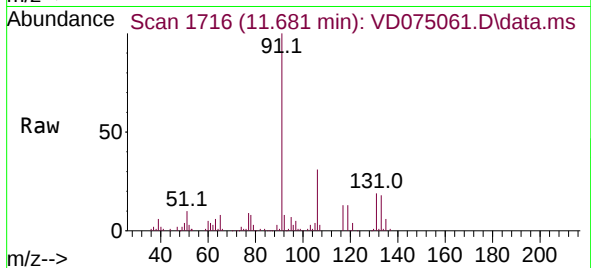
VD1228SBS01

Tgt Ion: 91 Resp: 133417

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 41.688 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD075061.D

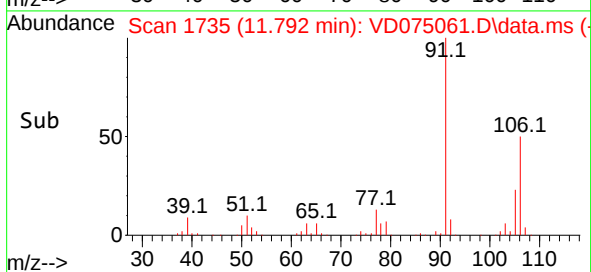
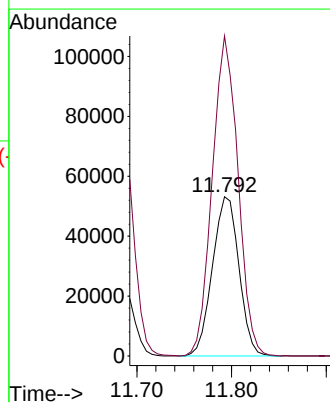
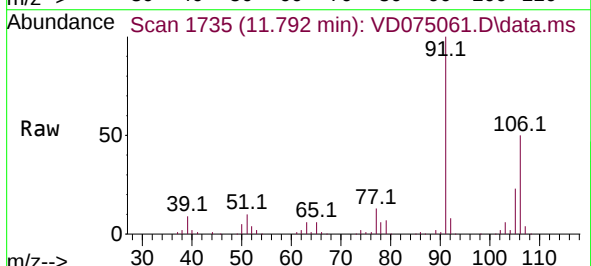
Acq: 28 Dec 2022 13:02

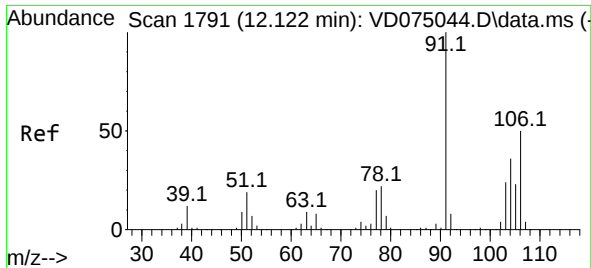
Tgt Ion:106 Resp: 103219

Ion Ratio Lower Upper

106 100

91 195.4 156.3 234.5

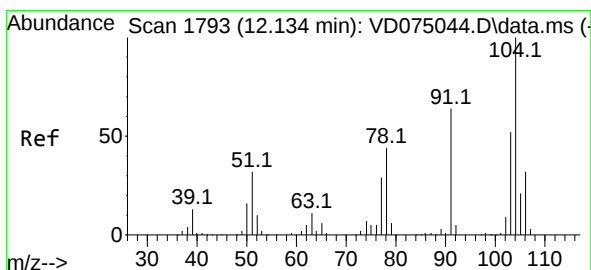
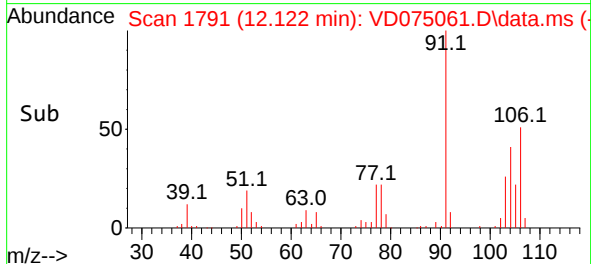
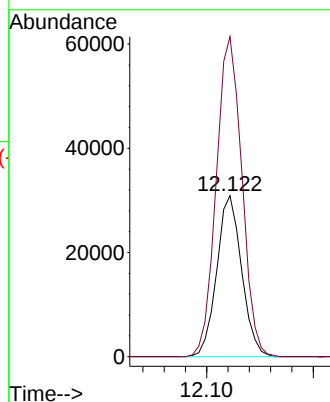
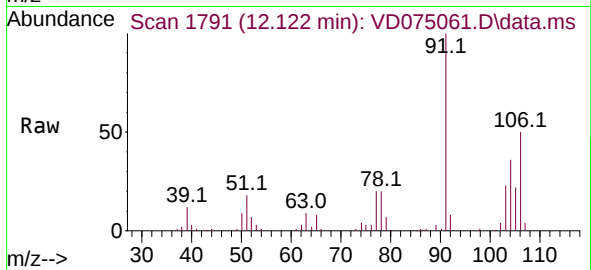




#69
o-Xylene
Concen: 21.006 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

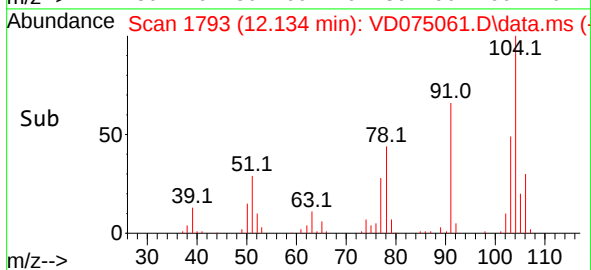
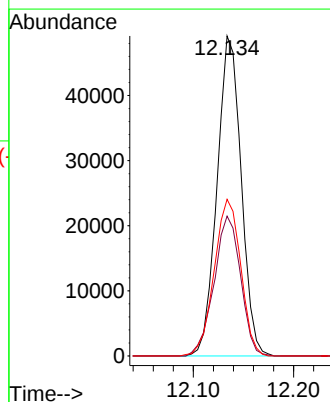
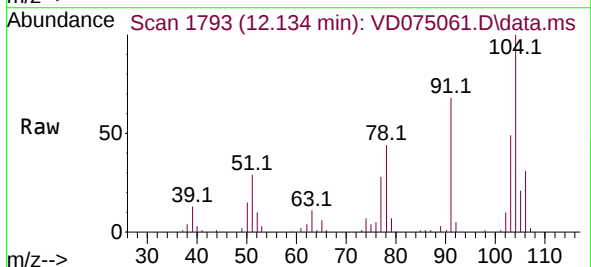
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

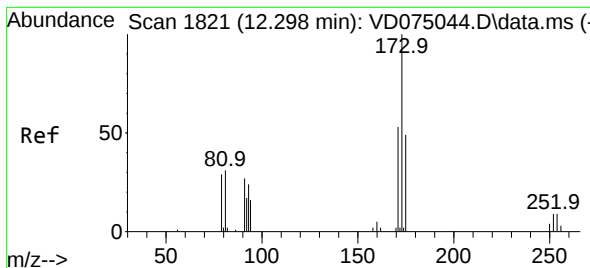
Tgt Ion:106 Resp: 50030
Ion Ratio Lower Upper
106 100
91 205.0 102.7 308.1



#70
Styrene
Concen: 20.506 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:104 Resp: 82113
Ion Ratio Lower Upper
104 100
78 47.9 35.5 53.3
103 53.7 43.9 65.9





#71

Bromoform

Concen: 18.948 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBS01

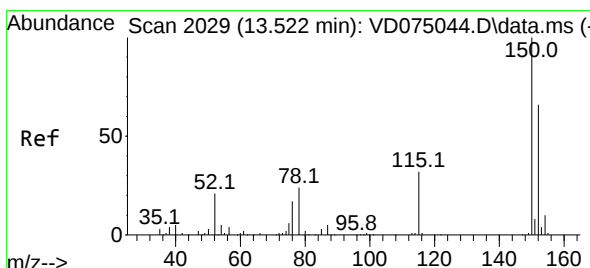
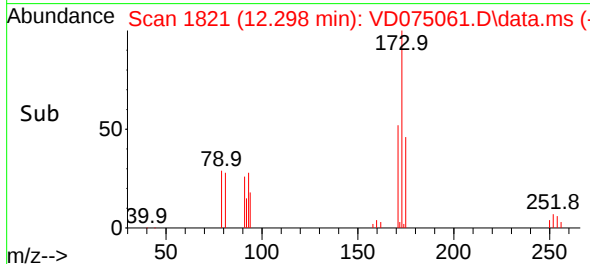
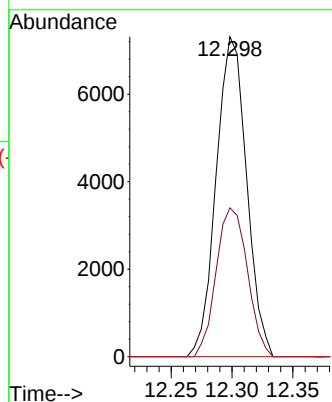
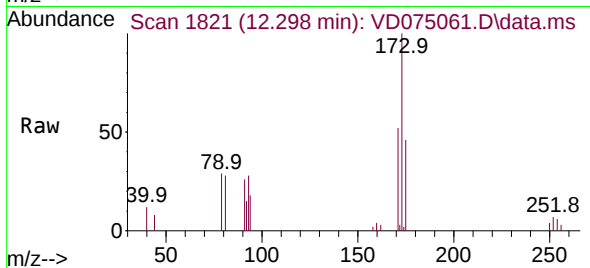
Tgt Ion:173 Resp: 12703

Ion Ratio Lower Upper

173 100

175 47.8 24.4 73.4

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. -0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

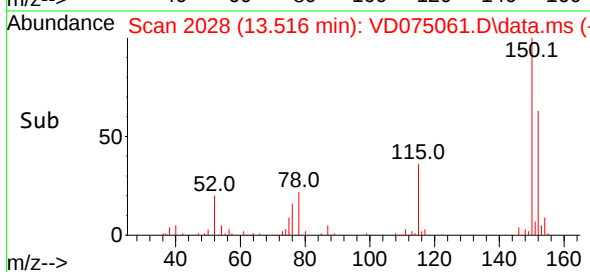
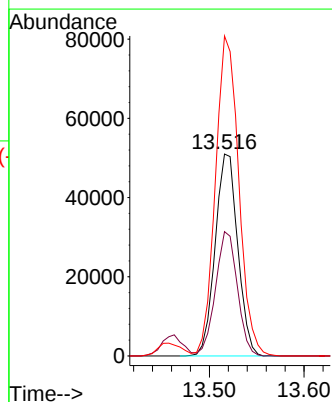
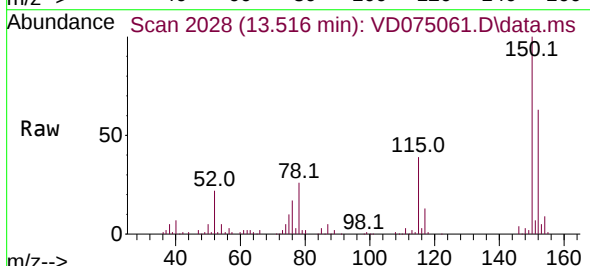
Tgt Ion:152 Resp: 84458

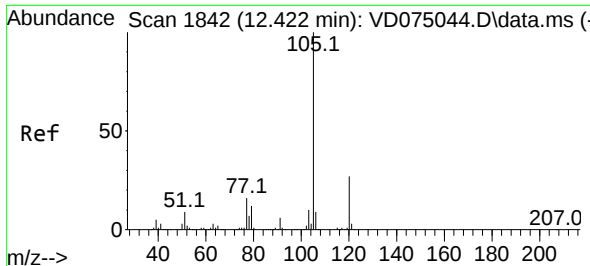
Ion Ratio Lower Upper

152 100

115 59.6 28.8 86.5

150 164.1 0.0 354.2

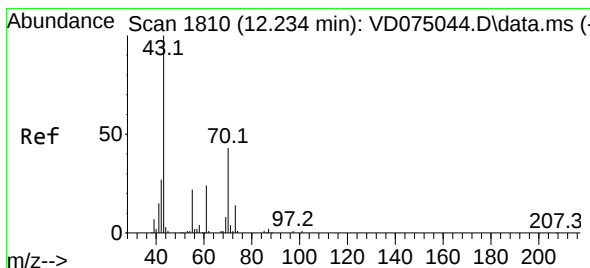
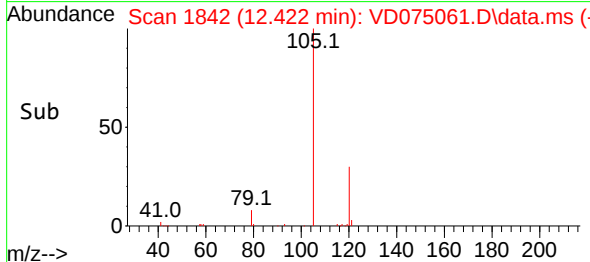
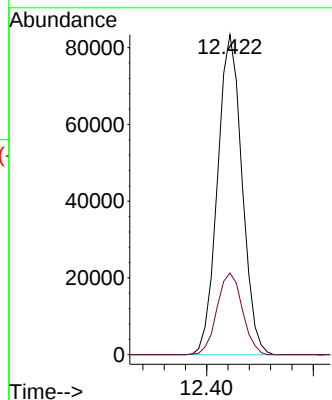
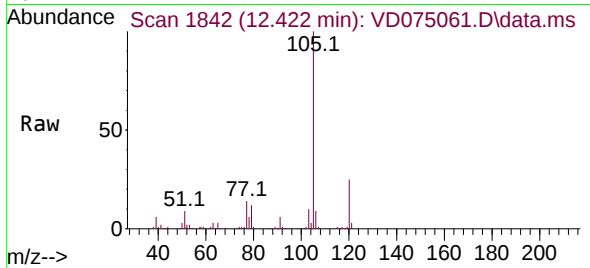




#73
Isopropylbenzene
Concen: 20.574 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

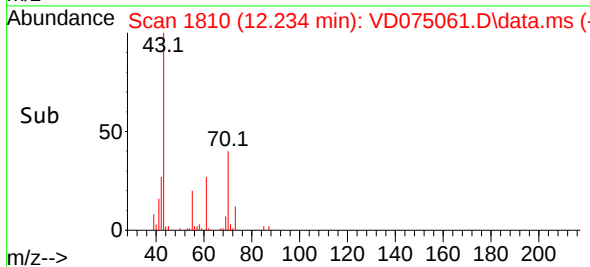
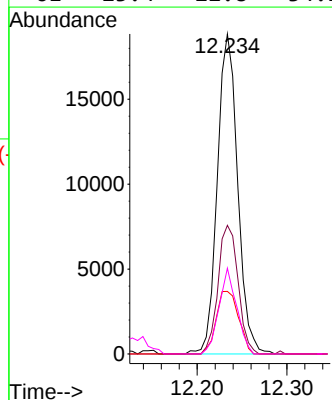
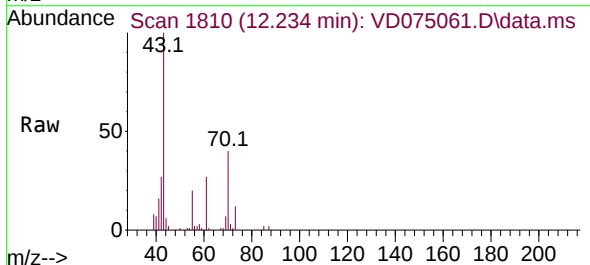
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

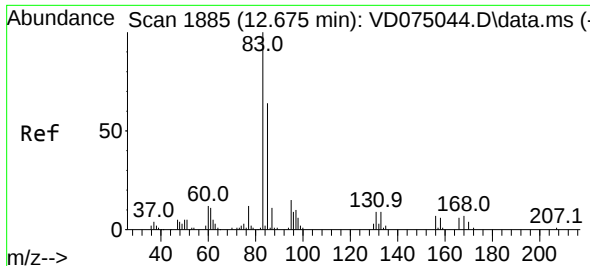
Tgt Ion:105 Resp: 133225
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6



#74
N-ethyl acetate
Concen: 18.047 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 43 Resp: 29662
Ion Ratio Lower Upper
43 100
70 39.7 40.6 60.8#
55 21.5 22.0 33.0#
61 23.4 22.8 34.2

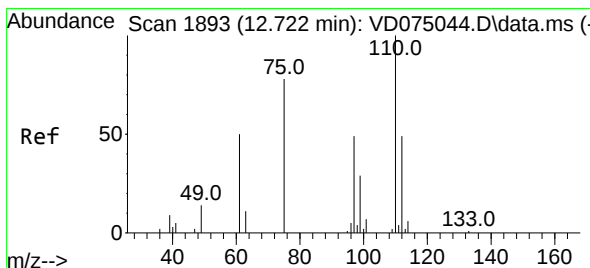
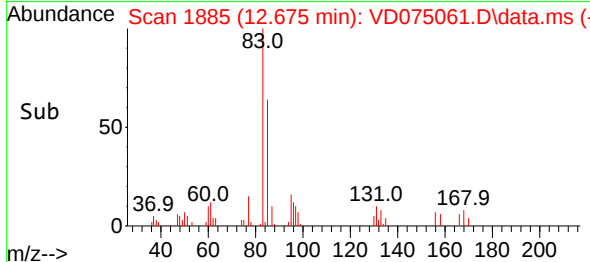
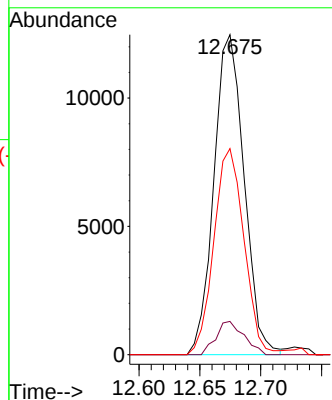
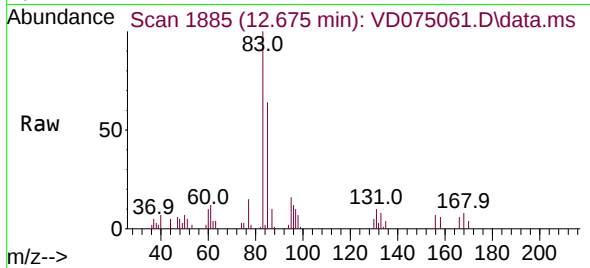




#75
1,1,2,2-Tetrachloroethane
Concen: 18.637 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

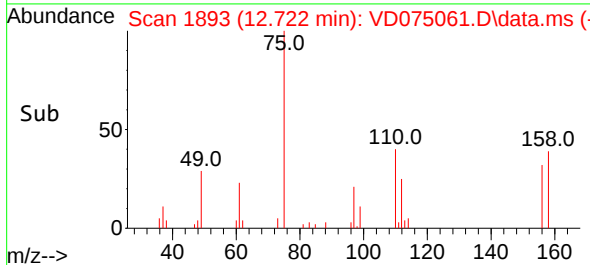
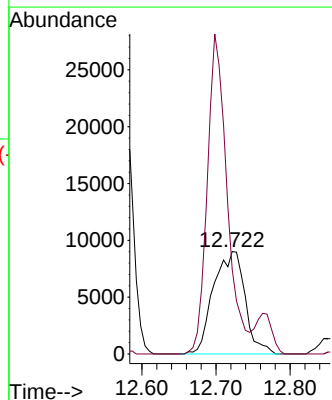
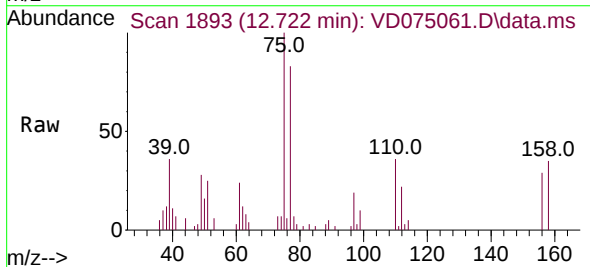
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

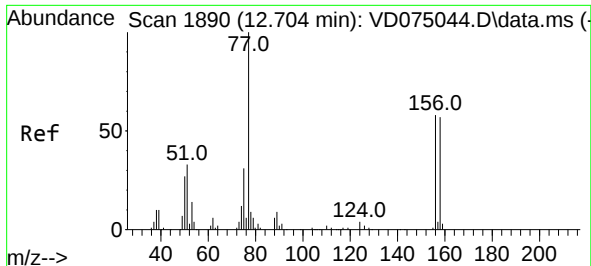
Tgt Ion: 83 Resp: 21519
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 64.2 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 30.820 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 75 Resp: 26690
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

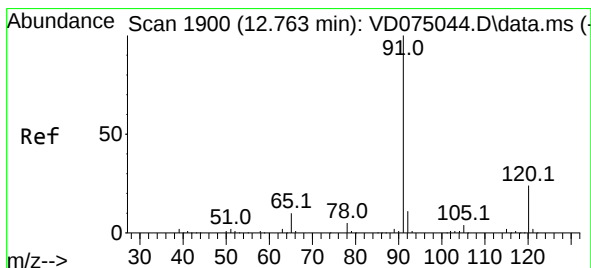
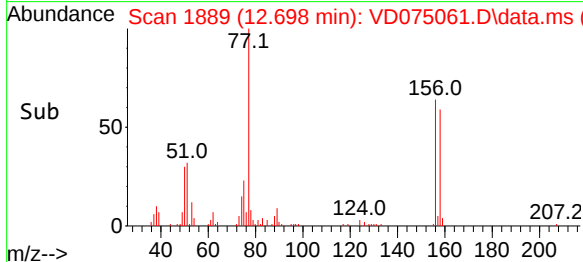
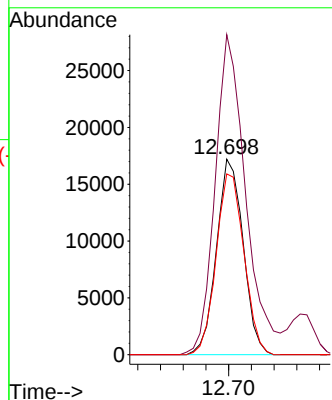
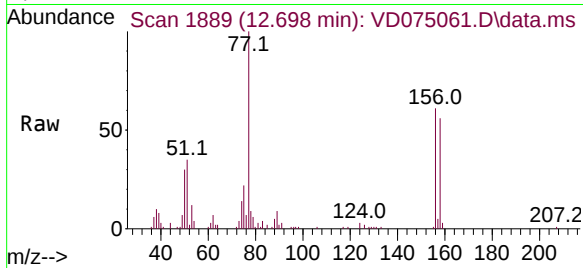




#77
Bromobenzene
Concen: 20.288 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

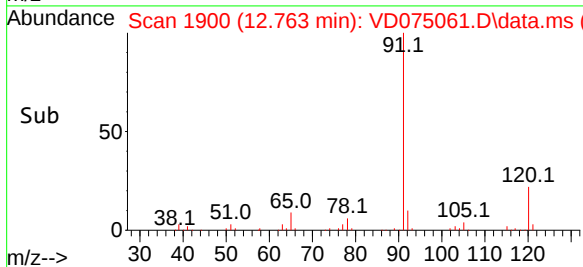
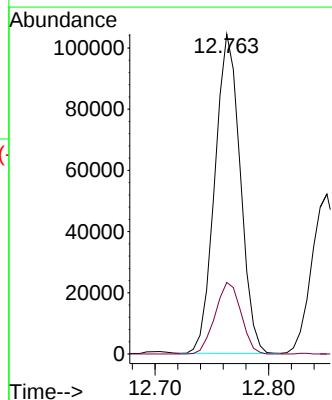
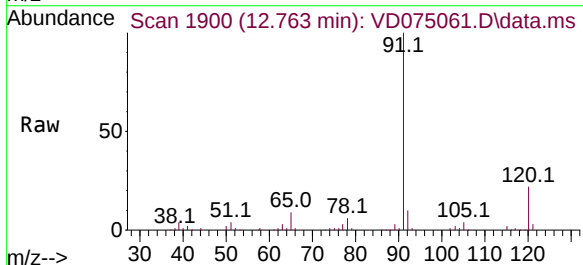
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

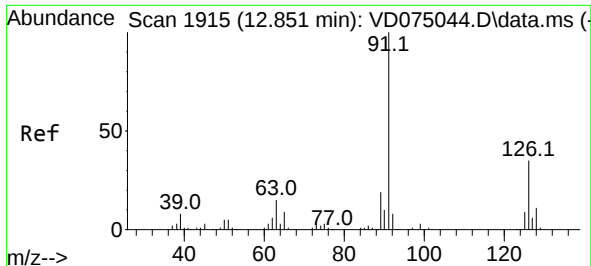
Tgt Ion:156 Resp: 28043
Ion Ratio Lower Upper
156 100
77 187.3 86.3 258.9
158 96.6 48.3 144.9



#78
n-propylbenzene
Concen: 20.446 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 91 Resp: 162165
Ion Ratio Lower Upper
91 100
120 22.8 11.6 34.7





#79

2-Chlorotoluene

Concen: 19.969 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075061.D

Acq: 28 Dec 2022 13:02

Instrument :

MSVOA_D

ClientSampleId :

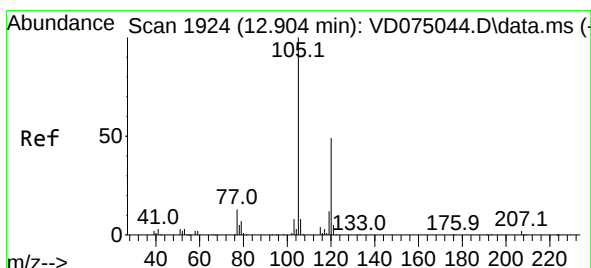
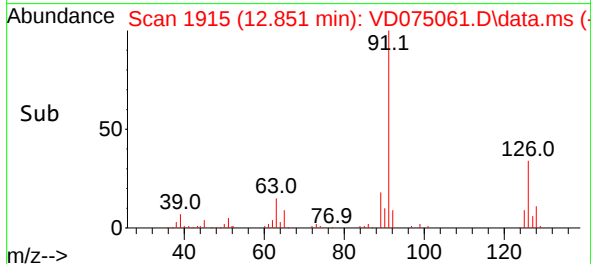
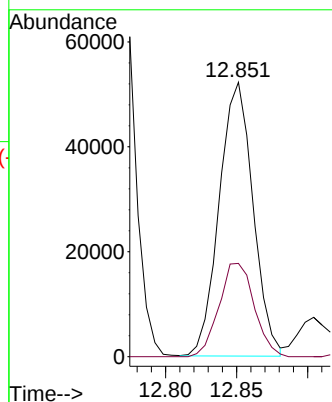
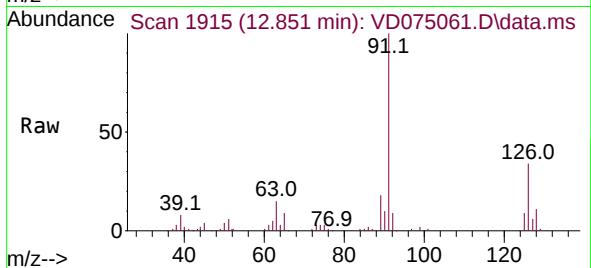
VD1228SBS01

Tgt Ion: 91 Resp: 86528

Ion Ratio Lower Upper

91 100

126 35.4 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 19.945 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD075061.D

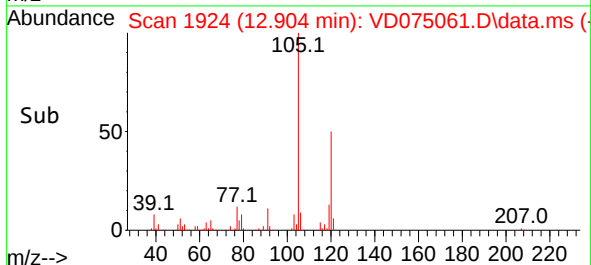
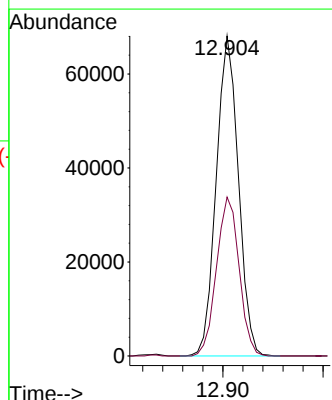
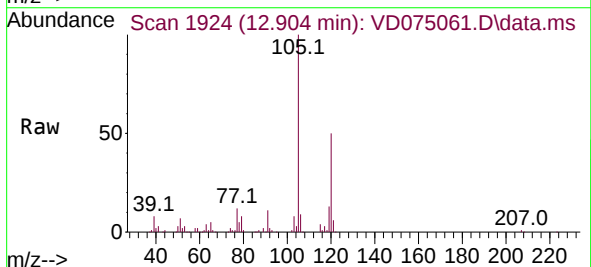
Acq: 28 Dec 2022 13:02

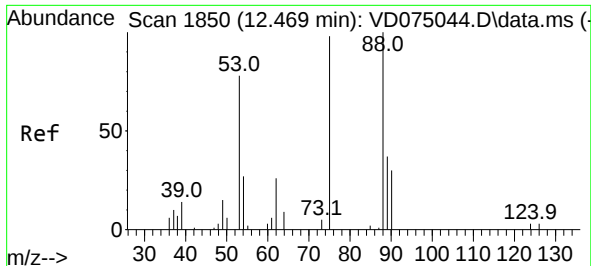
Tgt Ion: 105 Resp: 104151

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3

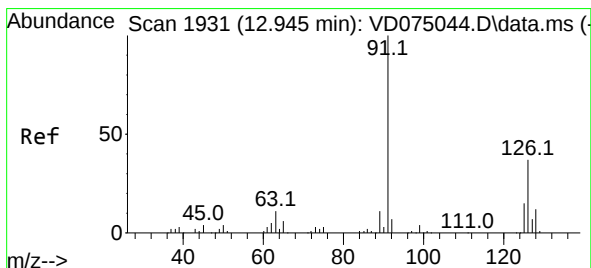
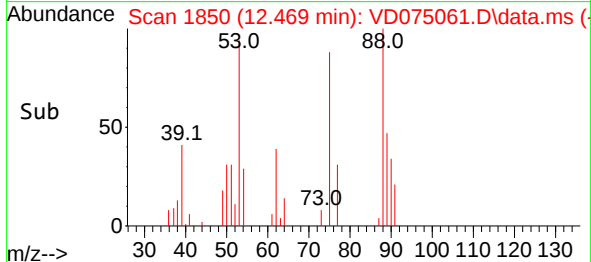
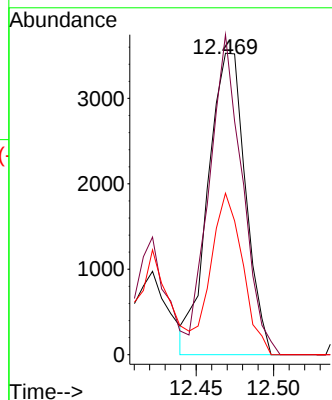
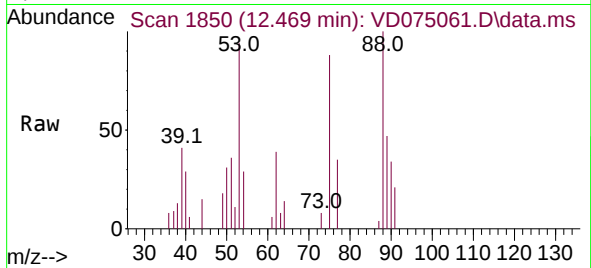




#81
trans-1,4-Dichloro-2-butene
Concen: 15.862 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

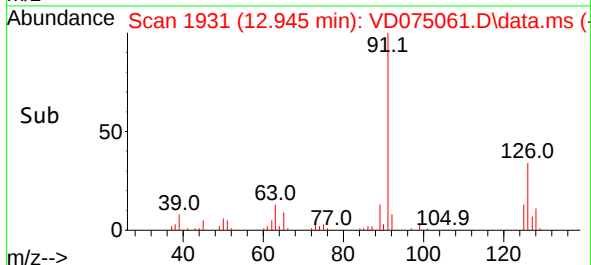
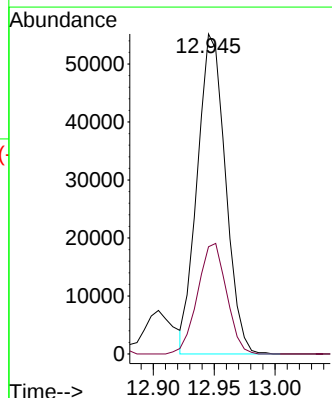
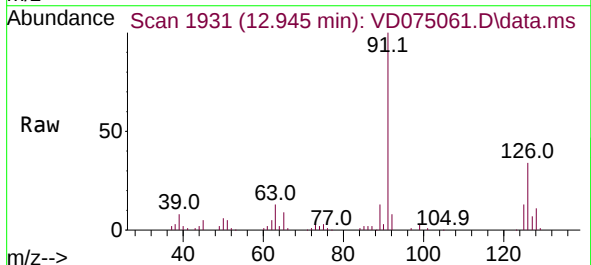
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

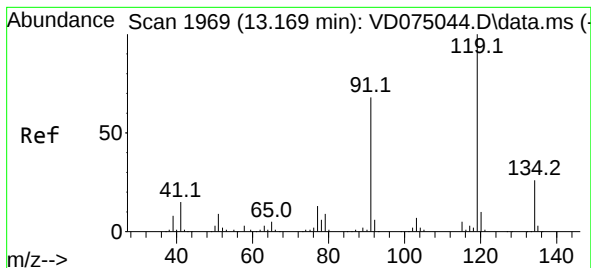
Tgt Ion: 75 Resp: 5927
Ion Ratio Lower Upper
75 100
53 92.2 60.0 90.0#
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.116 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 91 Resp: 88934
Ion Ratio Lower Upper
91 100
126 35.5 18.1 54.1

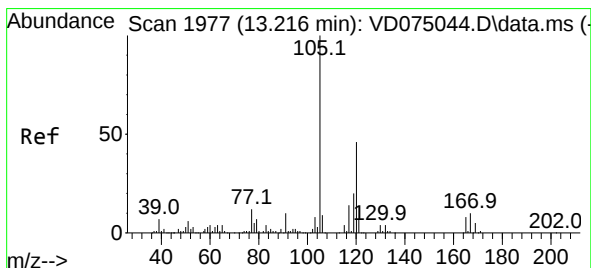
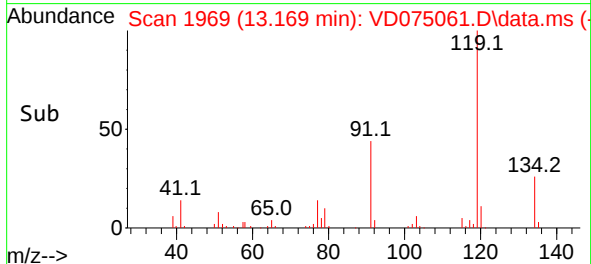
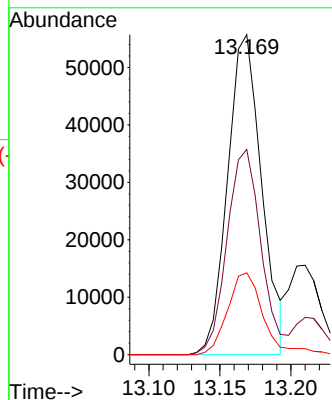
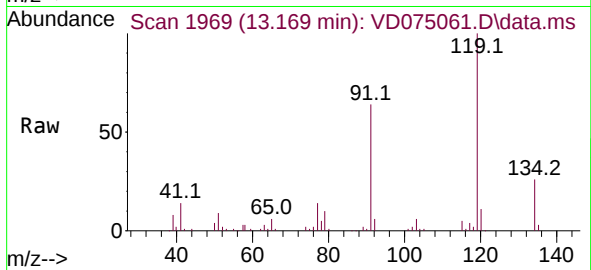




#83
tert-Butylbenzene
Concen: 20.107 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

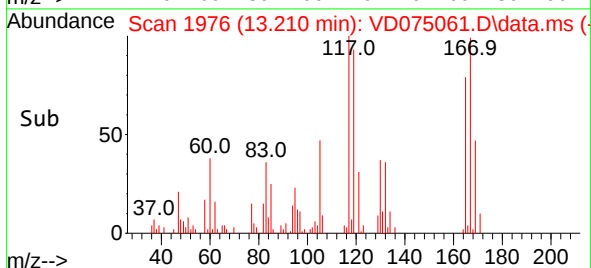
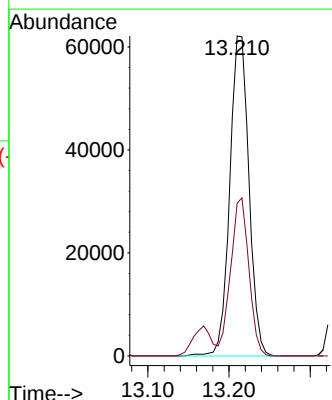
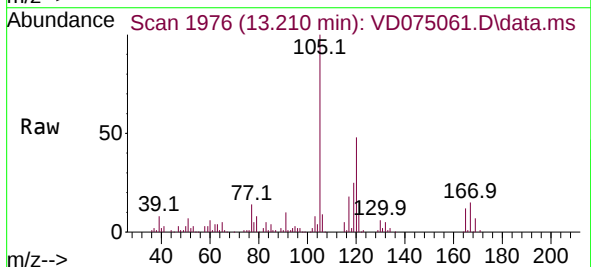
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

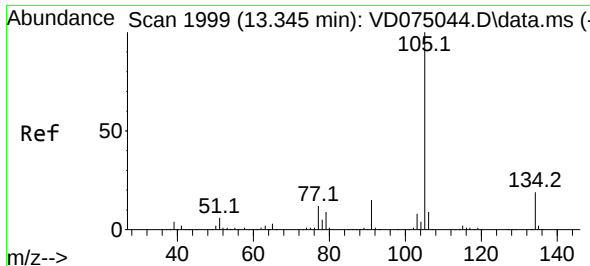
Tgt Ion:119 Resp: 92952
Ion Ratio Lower Upper
119 100
91 64.8 31.2 93.6
134 26.9 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 20.007 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:105 Resp: 101620
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.3

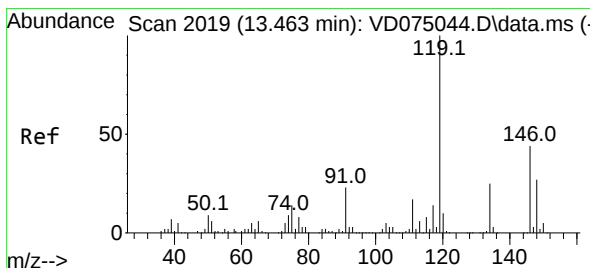
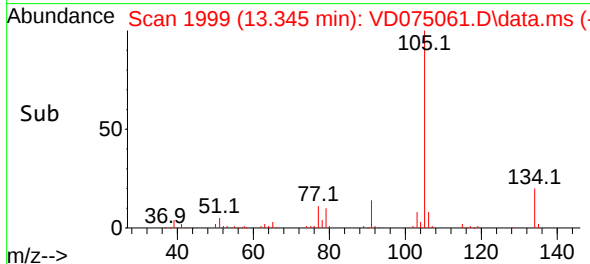
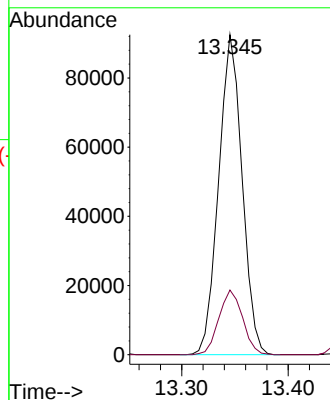
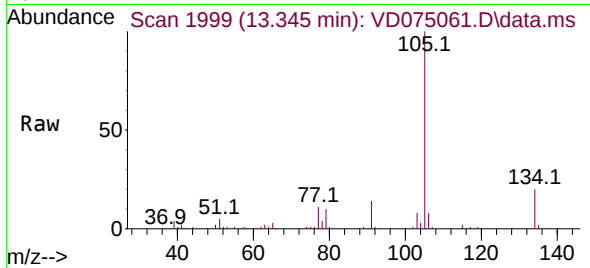




#85
 sec-Butylbenzene
 Concen: 19.889 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

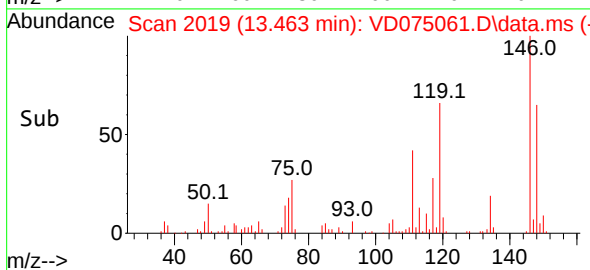
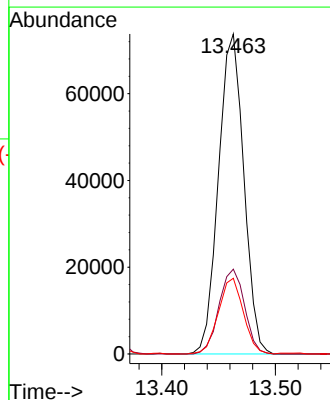
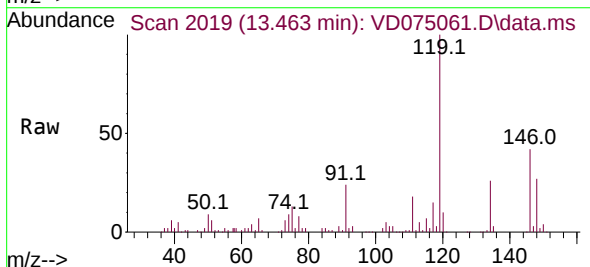
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

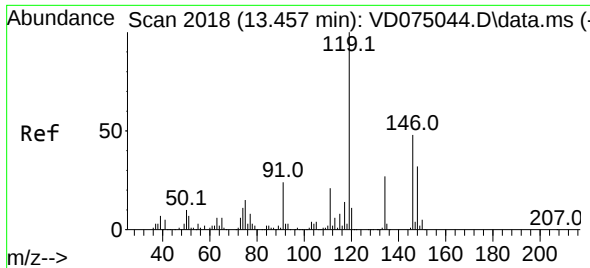
Tgt Ion:105 Resp: 141164
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.165 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

Tgt Ion:119 Resp: 114175
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.3 11.1 33.1

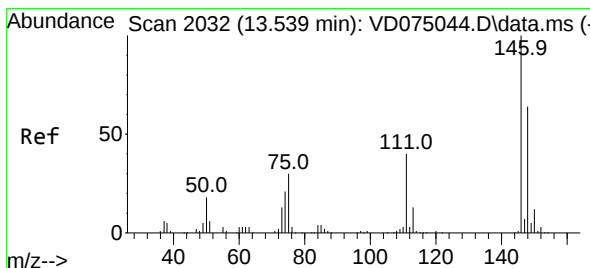
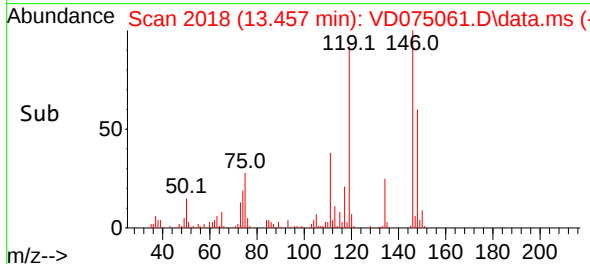
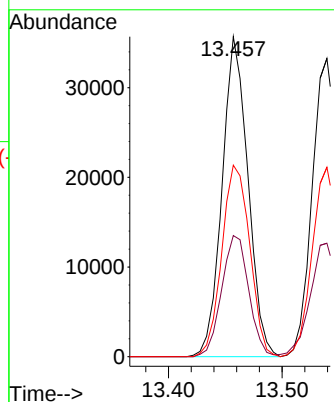
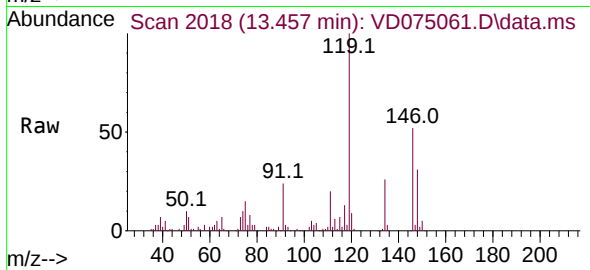




#87
 1,3-Dichlorobenzene
 Concen: 20.885 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

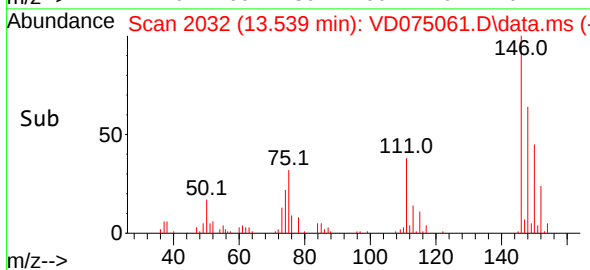
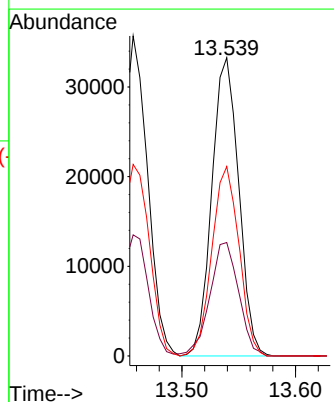
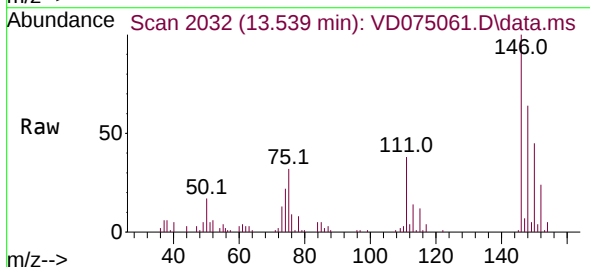
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBS01

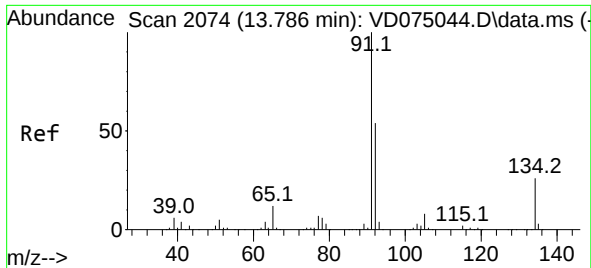
Tgt Ion:146 Resp: 56402
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.1 57.5
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.277 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD075061.D
 Acq: 28 Dec 2022 13:02

Tgt Ion:146 Resp: 54701
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.6 55.6
 148 64.1 32.0 96.2

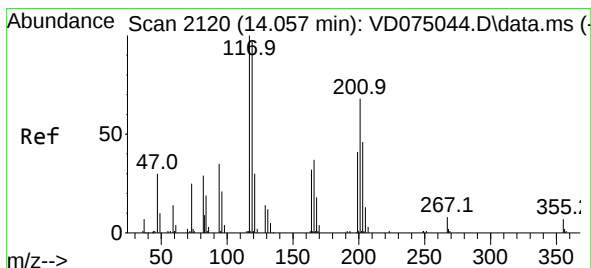
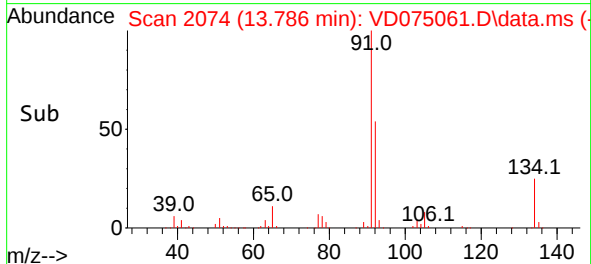
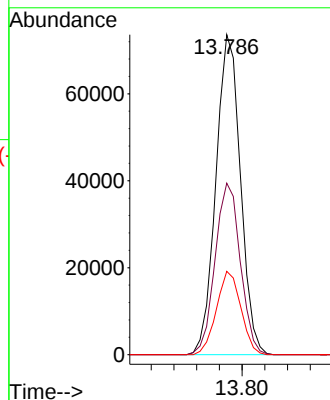
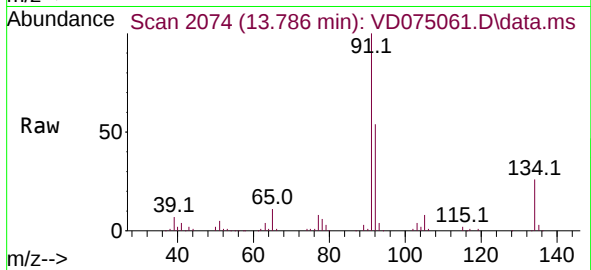




#89
n-Butylbenzene
Concen: 19.562 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

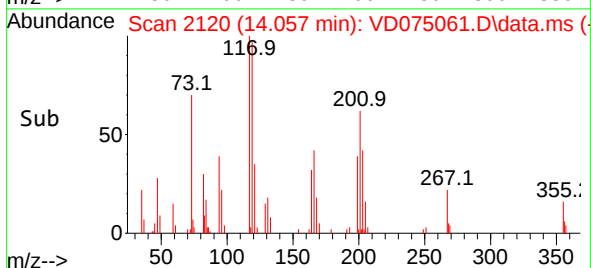
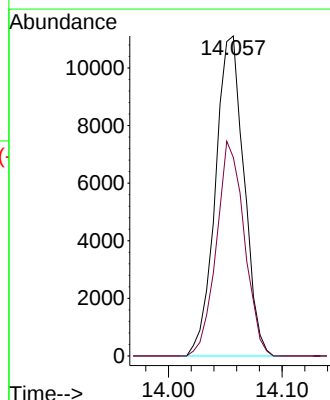
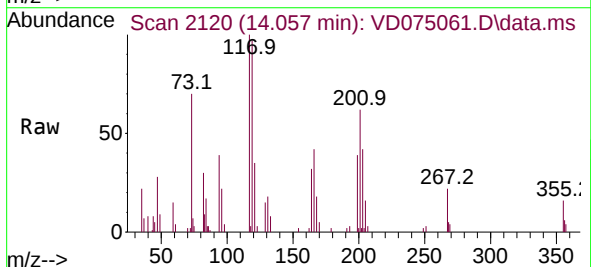
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

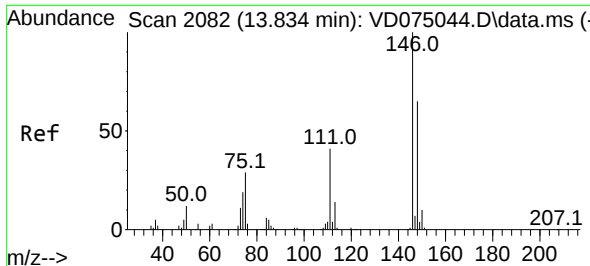
Tgt Ion: 91 Resp: 110623
Ion Ratio Lower Upper
91 100
92 54.9 26.8 80.3
134 25.9 13.3 39.8



#90
Hexachloroethane
Concen: 19.281 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 117 Resp: 19400
Ion Ratio Lower Upper
117 100
201 65.5 35.1 105.3

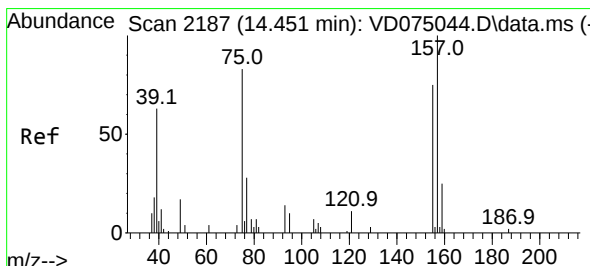
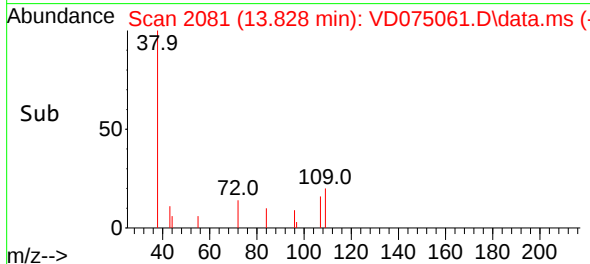
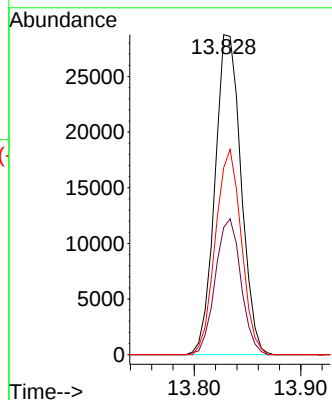
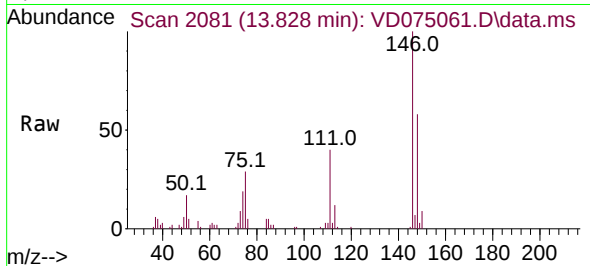




#91
1,2-Dichlorobenzene
Concen: 20.516 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

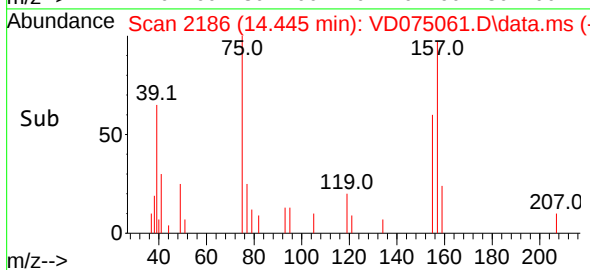
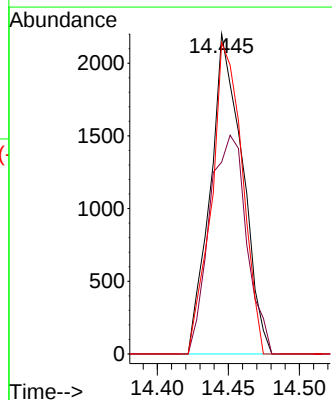
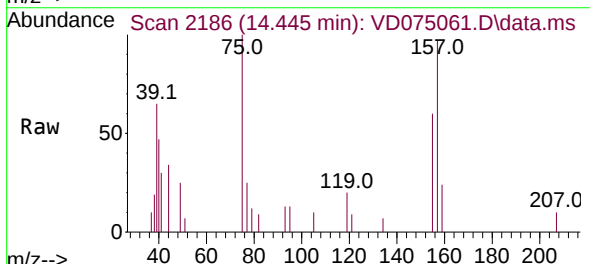
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

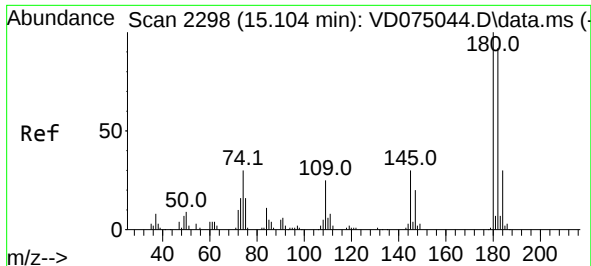
Tgt Ion:146 Resp: 48957
Ion Ratio Lower Upper
146 100
111 41.7 19.9 59.7
148 63.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.551 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion: 75 Resp: 3469
Ion Ratio Lower Upper
75 100
155 78.8 47.1 141.4
157 93.4 56.7 170.1

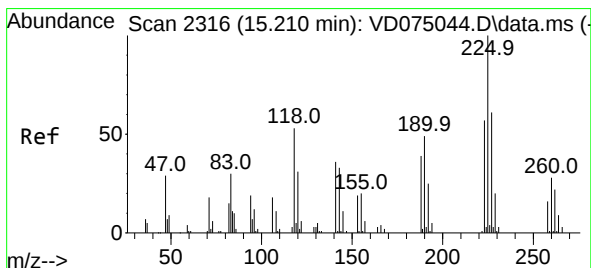
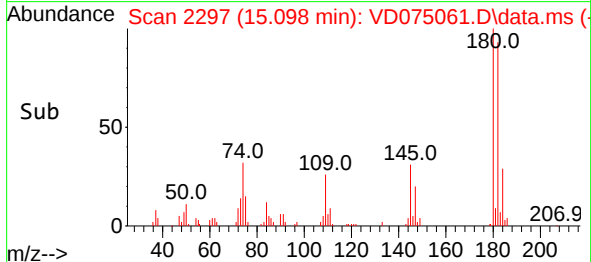
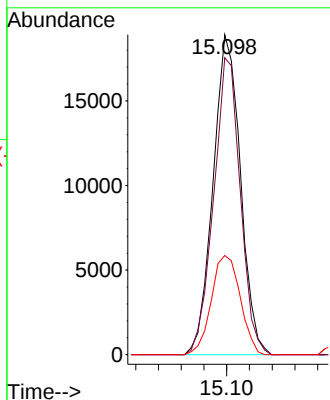
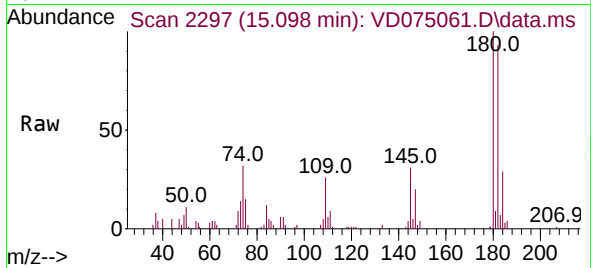




#93
1,2,4-Trichlorobenzene
Concen: 20.128 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

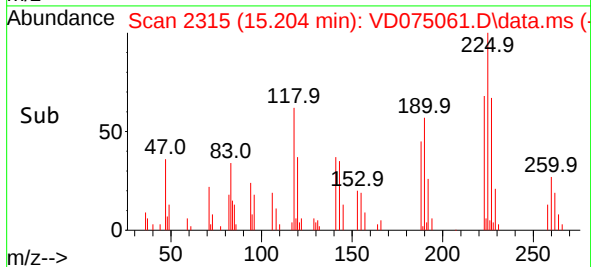
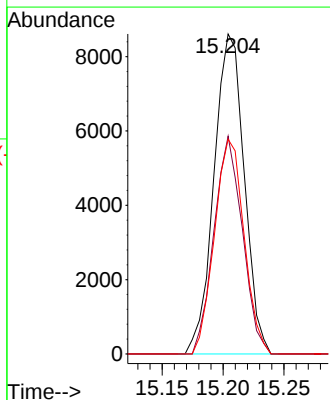
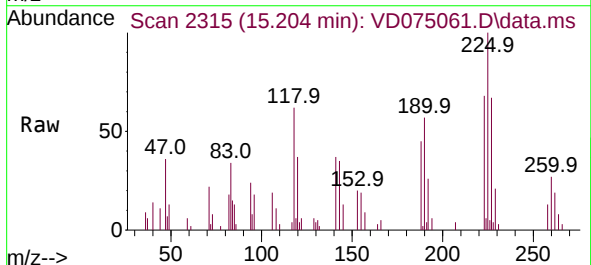
Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

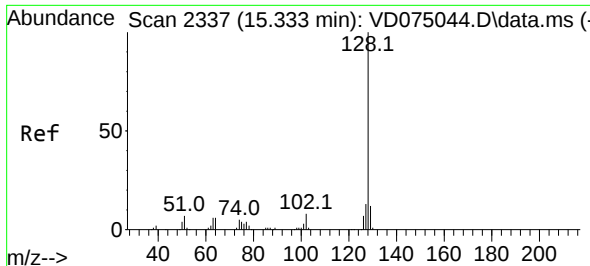
Tgt Ion:180 Resp: 31560
Ion Ratio Lower Upper
180 100
182 90.6 48.5 145.5
145 32.8 14.9 44.5



#94
Hexachlorobutadiene
Concen: 19.003 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:225 Resp: 14895
Ion Ratio Lower Upper
225 100
223 63.9 31.0 93.0
227 65.6 31.0 93.0

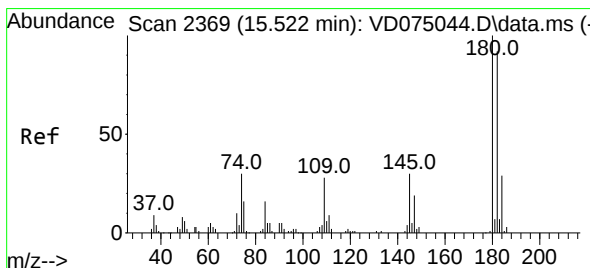
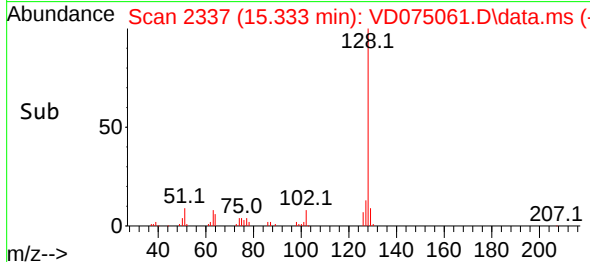
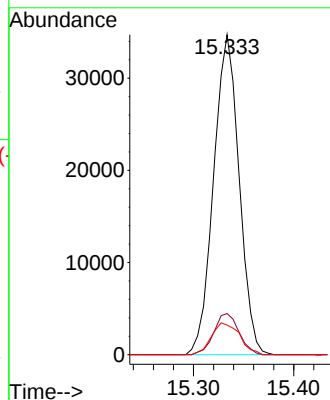
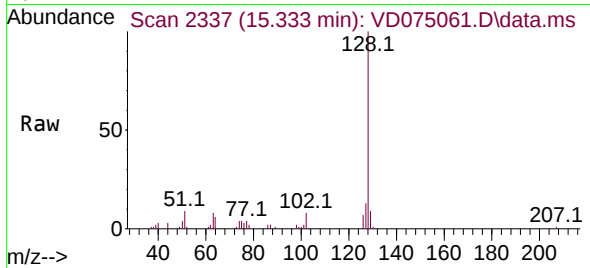




#95
Naphthalene
Concen: 18.739 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBS01

Tgt Ion:	128	Resp:	61326
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.614 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD075061.D
Acq: 28 Dec 2022 13:02

Tgt Ion:	180	Resp:	26394
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.3	138.9
145	36.8	15.3	45.9

