

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075023.D
 Acq On : 15 Dec 2022 12:19
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 16 05:26:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:26:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	320330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	235156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	109081	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8323	5.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.420%#
35) Dibromofluoromethane	7.811	113	9843	4.737	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.480%#
50) Toluene-d8	10.269	98	30255	4.025	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	8.060%#
62) 4-Bromofluorobenzene	12.575	95	9216	4.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.300%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	5835	4.796	ug/l	85
3) Chloromethane	2.146	50	7971	4.106	ug/l	94
4) Vinyl Chloride	2.281	62	9989	4.110	ug/l #	87
5) Bromomethane	2.693	94	9707	4.867	ug/l	97
6) Chloroethane	2.834	64	7445	4.130	ug/l #	84
7) Trichlorofluoromethane	3.175	101	13842	4.557	ug/l	90
8) Diethyl Ether	3.587	74	3425	3.915	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	9316	4.679	ug/l	99
10) Methyl Iodide	4.164	142	6639	3.114	ug/l	95
11) Tert butyl alcohol	5.052	59	3180	29.885	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	7695	4.140	ug/l	90
13) Acrolein	3.793	56	4162	21.823	ug/l	99
14) Allyl chloride	4.558	41	8263	3.902	ug/l	97
15) Acrylonitrile	5.246	53	7600	20.462	ug/l	98
16) Acetone	4.034	43	7804	20.932	ug/l #	87
17) Carbon Disulfide	4.269	76	13634	3.184	ug/l	100
18) Methyl Acetate	4.569	43	6129	5.979	ug/l #	69
19) Methyl tert-butyl Ether	5.317	73	15285	3.902	ug/l	99
20) Methylene Chloride	4.799	84	40055	10.060	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	8618	4.184	ug/l	94
22) Diisopropyl ether	6.222	45	18344	3.824	ug/l #	97
23) Vinyl Acetate	6.152	43	24399	13.074	ug/l	99
24) 1,1-Dichloroethane	6.122	63	15775	4.487	ug/l	97
25) 2-Butanone	7.075	43	9447	20.652	ug/l	88
26) 2,2-Dichloropropane	7.075	77	15487	4.820	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	10269	4.230	ug/l	95
28) Bromochloromethane	7.428	49	4519	4.214	ug/l #	93
29) Tetrahydrofuran	7.452	42	4405	18.692	ug/l	98
30) Chloroform	7.599	83	18080	4.941	ug/l	99
31) Cyclohexane	7.881	56	12151	5.085	ug/l #	67
32) 1,1,1-Trichloroethane	7.799	97	15079	4.861	ug/l	98
36) 1,1-Dichloropropene	8.005	75	11165	4.694	ug/l	97
37) Ethyl Acetate	7.163	43	3563	3.861	ug/l #	69
38) Carbon Tetrachloride	7.999	117	10541	4.821	ug/l	96
39) Methylcyclohexane	9.275	83	11846	4.424	ug/l	95
40) Benzene	8.252	78	35399	4.887	ug/l	99

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Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

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 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:26:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1456	2.704	ug/l #	61
42) 1,2-Dichloroethane	8.328	62	8871	5.000	ug/l	98
43) Isopropyl Acetate	8.363	43	7108	4.496	ug/l #	90
44) Trichloroethene	9.028	130	10738	5.242	ug/l	97
45) 1,2-Dichloropropane	9.305	63	8540	4.786	ug/l	97
46) Dibromomethane	9.393	93	5068	5.144	ug/l	98
47) Bromodichloromethane	9.587	83	12820	5.084	ug/l	97
48) Methyl methacrylate	9.381	41	3260	4.383	ug/l	98
49) 1,4-Dioxane	9.393	88	691	73.404	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	15275	18.766	ug/l	100
52) Toluene	10.334	92	17941	3.892	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	9183	4.260	ug/l	98
54) cis-1,3-Dichloropropene	10.022	75	12564	4.611	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	6146	4.423	ug/l #	91
56) Ethyl methacrylate	10.599	69	5258	3.460	ug/l	91
57) 1,3-Dichloropropane	10.881	76	9363	4.168	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	11715	22.402	ug/l	99
59) 2-Hexanone	10.922	43	10328	17.600	ug/l	100
60) Dibromochloromethane	11.075	129	6692	4.138	ug/l	94
61) 1,2-Dibromoethane	11.181	107	5069	4.060	ug/l	100
64) Tetrachloroethene	10.810	164	7635	5.481	ug/l	94
65) Chlorobenzene	11.610	112	21947	5.134	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.687	131	8392	5.434	ug/l	90
67) Ethyl Benzene	11.687	91	35158	4.732	ug/l	99
68) m/p-Xylenes	11.793	106	27514	9.382	ug/l	100
69) o-Xylene	12.128	106	12602	4.613	ug/l	99
70) Styrene	12.140	104	21577	4.558	ug/l	98
71) Bromoform	12.299	173	4056	5.254	ug/l #	96
73) Isopropylbenzene	12.422	105	35387	4.871	ug/l	100
74) N-amyl acetate	12.240	43	5501	4.524	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.681	83	6402	4.968	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	7866	8.657	ug/l #	100
77) Bromobenzene	12.704	156	8312	5.037	ug/l	95
78) n-propylbenzene	12.763	91	42523	4.810	ug/l	99
79) 2-Chlorotoluene	12.851	91	23886	4.934	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	27941	4.663	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	1597	4.697	ug/l	87
82) 4-Chlorotoluene	12.951	91	24870	4.931	ug/l	99
83) tert-Butylbenzene	13.169	119	24931	4.809	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	26781	4.535	ug/l	99
85) sec-Butylbenzene	13.345	105	38897	4.828	ug/l	99
86) p-Isopropyltoluene	13.463	119	31561	4.721	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	17844	5.106	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	18311	5.370	ug/l	94
89) n-Butylbenzene	13.793	91	30534	4.877	ug/l	94
90) Hexachloroethane	14.057	117	6406	5.302	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	14955	5.043	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	818	4.769	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	9330	5.165	ug/l	96
94) Hexachlorobutadiene	15.210	225	5227	5.387	ug/l	93
95) Naphthalene	15.334	128	15871	4.756	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	7379	4.724	ug/l	96

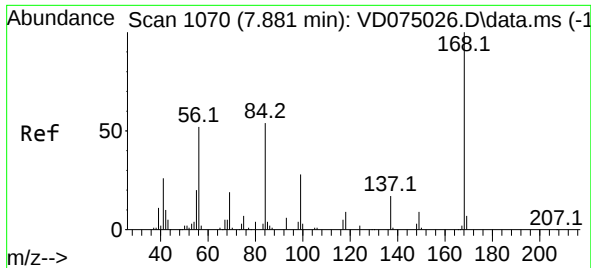
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
Data File : VD075023.D
Acq On : 15 Dec 2022 12:19
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 16 05:26:16 2022
Response via : Initial Calibration

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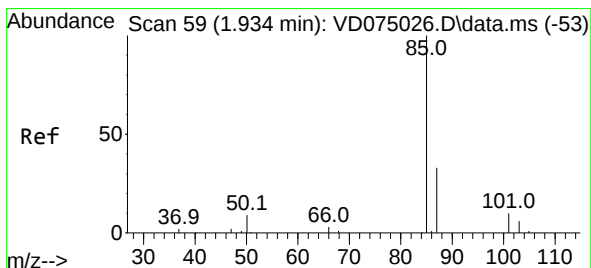
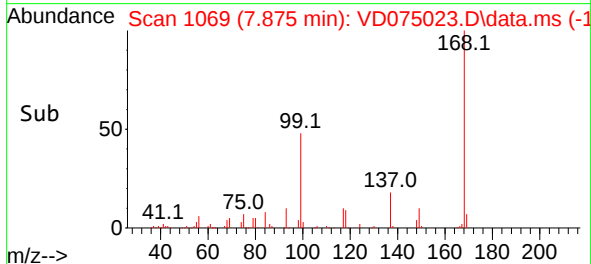
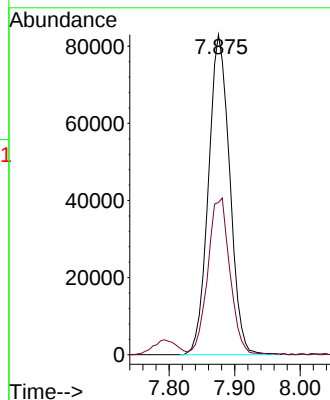
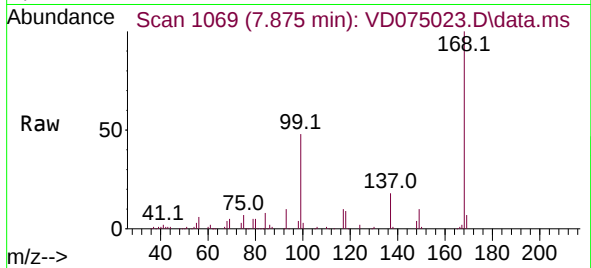
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

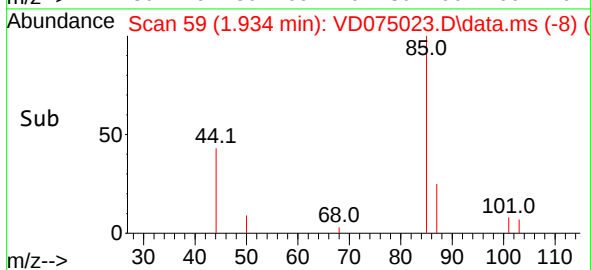
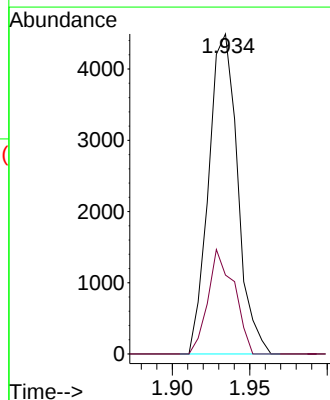
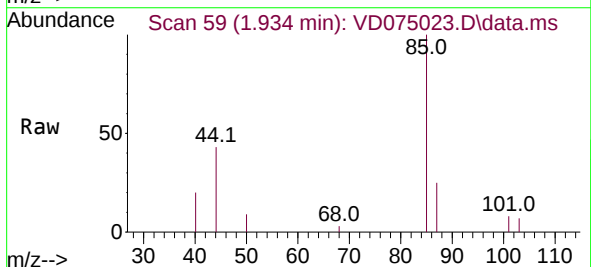
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ClientSampleId :
VSTDIC005

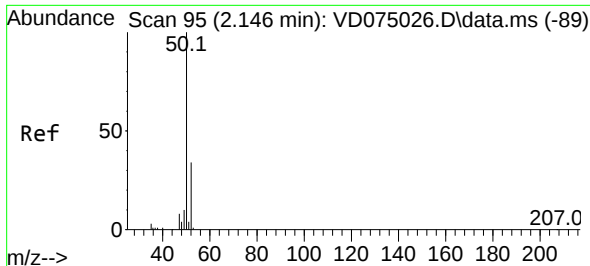
Tgt Ion:168 Resp: 187075
Ion Ratio Lower Upper
168 100
99 47.3 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 4.796 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 85 Resp: 5835
Ion Ratio Lower Upper
85 100
87 24.6 16.5 49.5

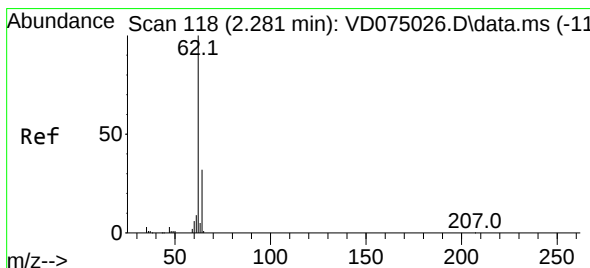
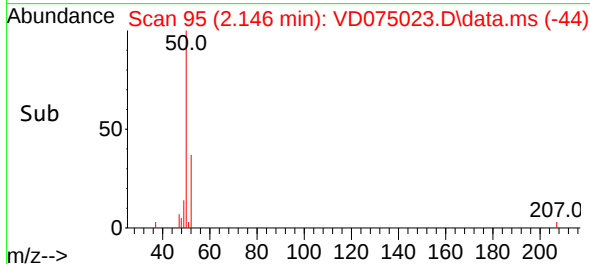
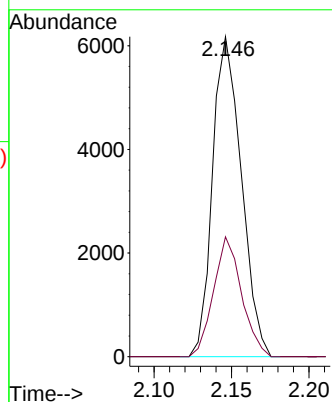
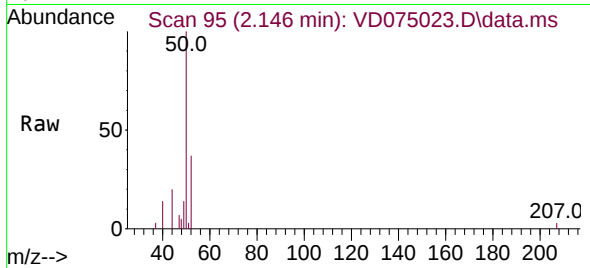




#3
Chloromethane
Concen: 4.106 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

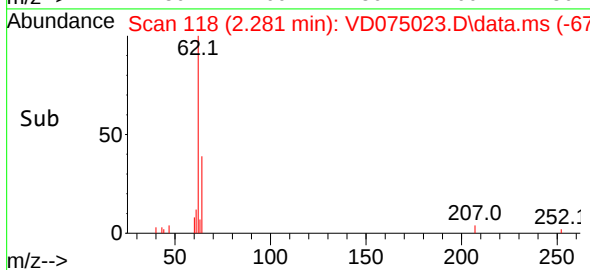
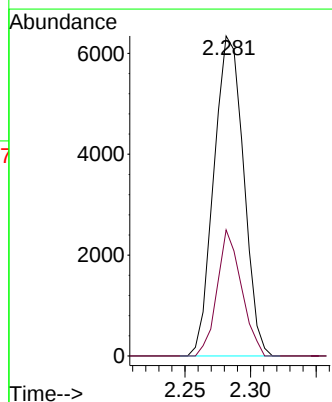
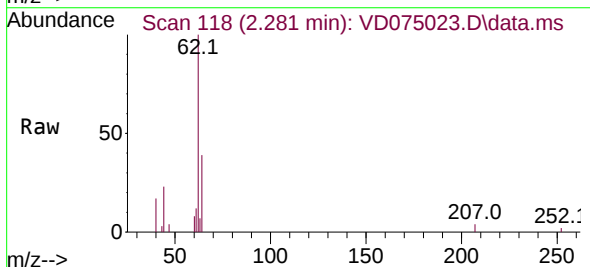
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

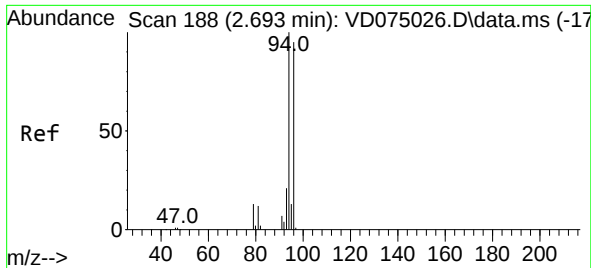
Tgt Ion: 50 Resp: 7971
Ion Ratio Lower Upper
50 100
52 37.5 27.2 40.8



#4
Vinyl Chloride
Concen: 4.110 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 62 Resp: 9989
Ion Ratio Lower Upper
62 100
64 39.4 25.8 38.6#

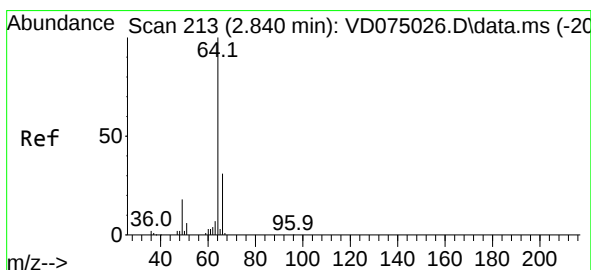
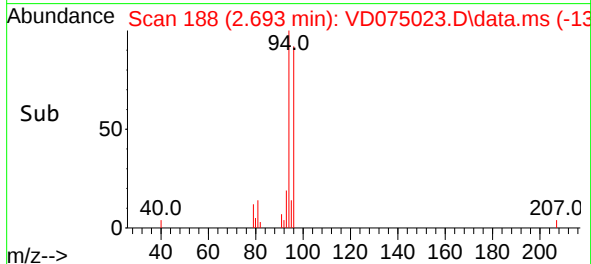
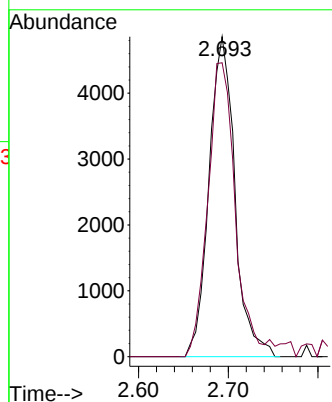
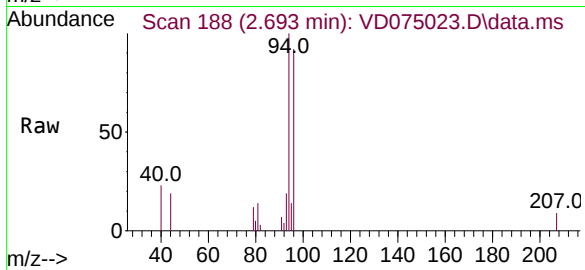




#5
Bromomethane
Concen: 4.867 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

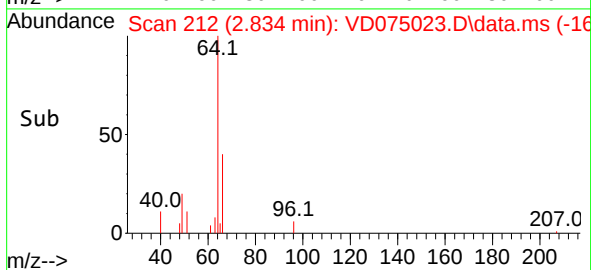
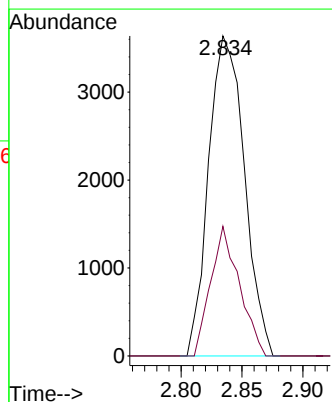
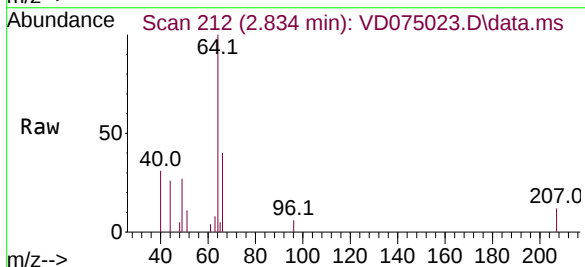
Instrument :
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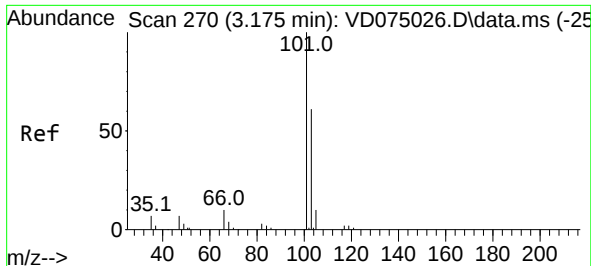
Tgt Ion: 94 Resp: 9707
Ion Ratio Lower Upper
94 100
96 96.7 75.2 112.8



#6
Chloroethane
Concen: 4.130 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 64 Resp: 7445
Ion Ratio Lower Upper
64 100
66 40.5 25.1 37.7#

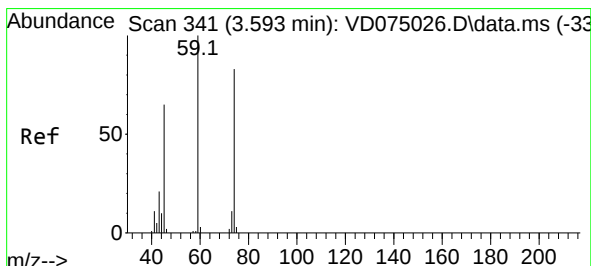
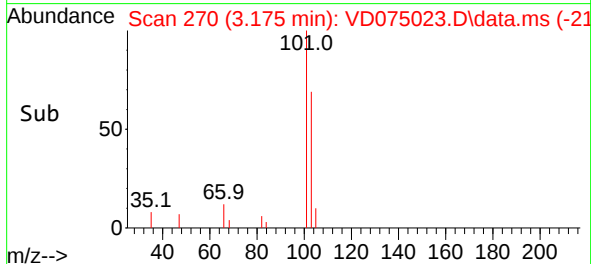
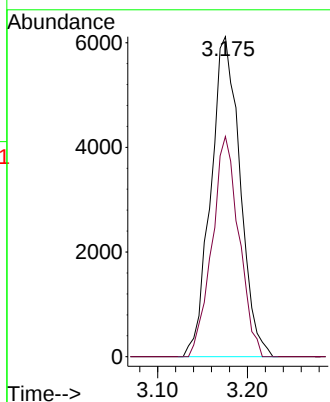
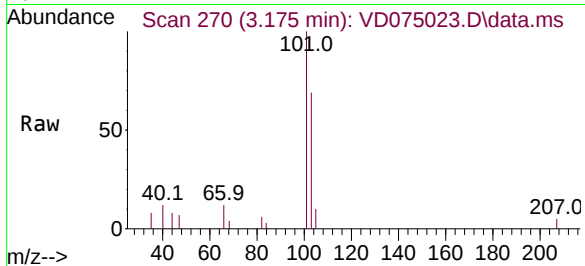




#7
Trichlorofluoromethane
Concen: 4.557 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

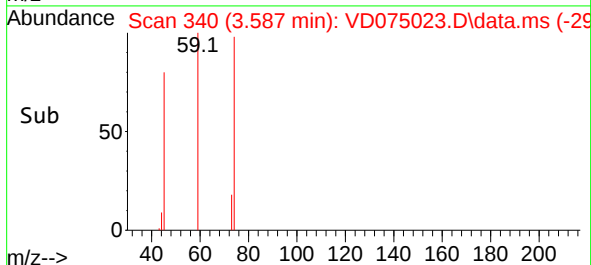
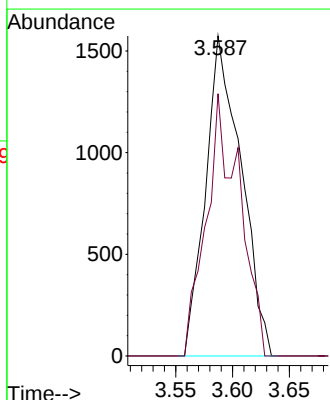
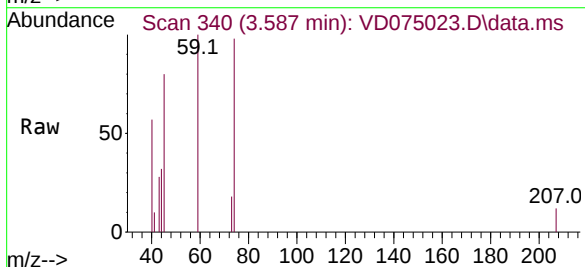
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

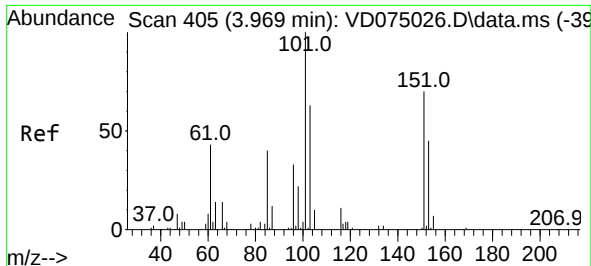
Tgt Ion:101 Resp: 13842
Ion Ratio Lower Upper
101 100
103 68.8 49.1 73.7



#8
Diethyl Ether
Concen: 3.915 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 74 Resp: 3425
Ion Ratio Lower Upper
74 100
45 76.9 40.2 120.5

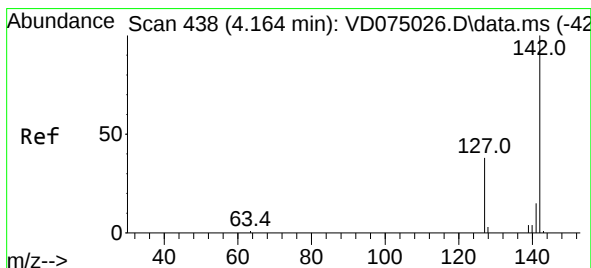
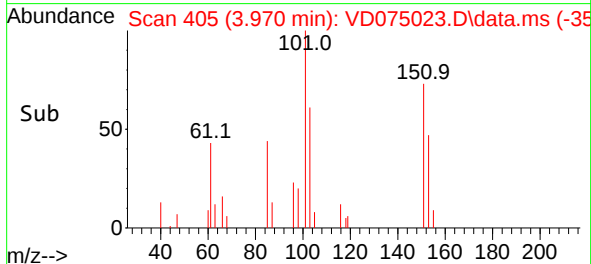
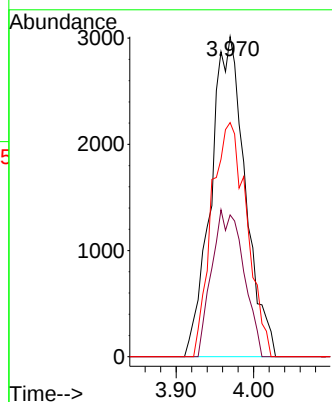
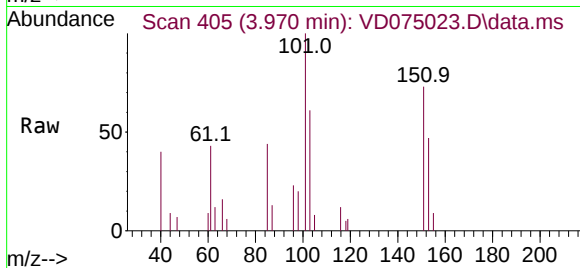




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.679 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD075023.D
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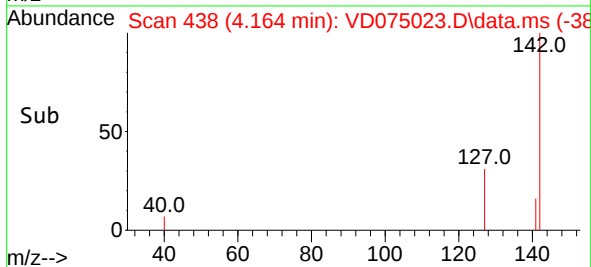
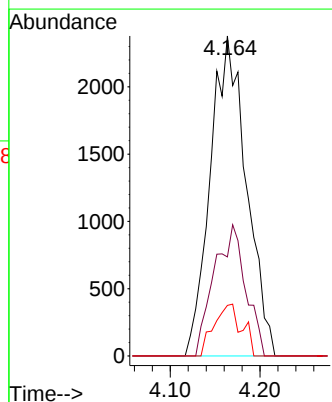
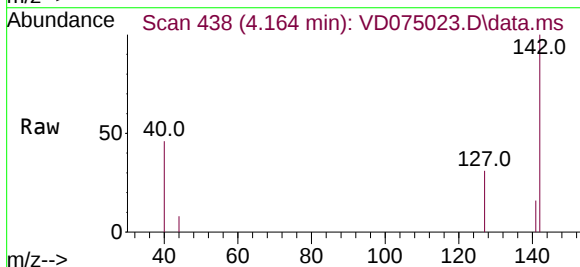
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

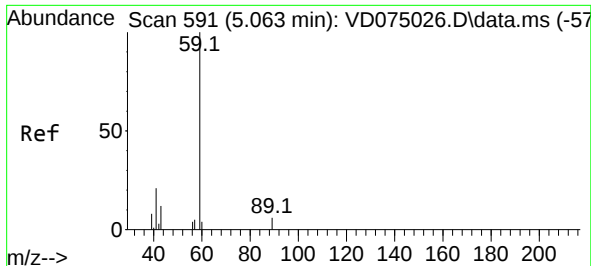
Tgt Ion:101	Resp:	9316
Ion	Ratio	Lower Upper
101	100	
85	42.4	33.4 50.0
151	74.9	58.9 88.3



#10
Methyl Iodide
Concen: 3.114 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:142	Resp:	6639
Ion	Ratio	Lower Upper
142	100	
127	35.8	31.4 47.2
141	12.4	11.4 17.2

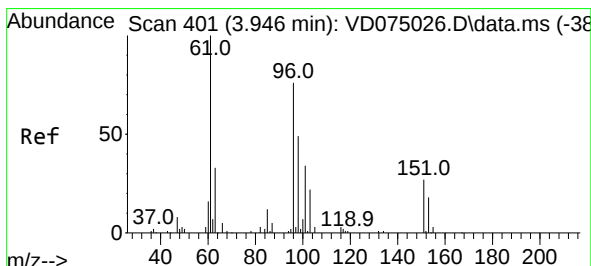
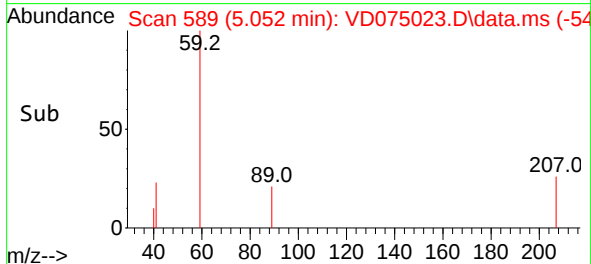
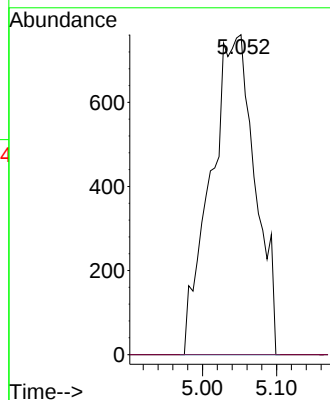
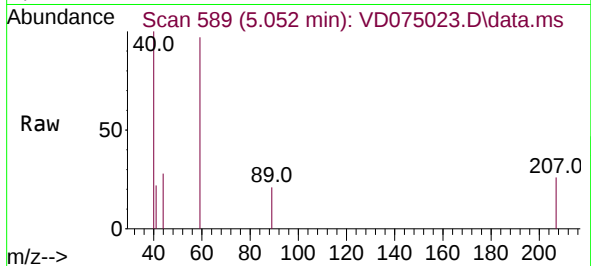




#11
Tert butyl alcohol
Concen: 29.885 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

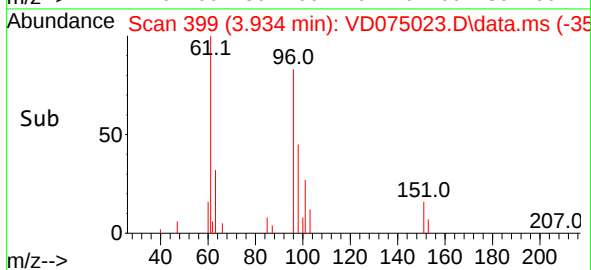
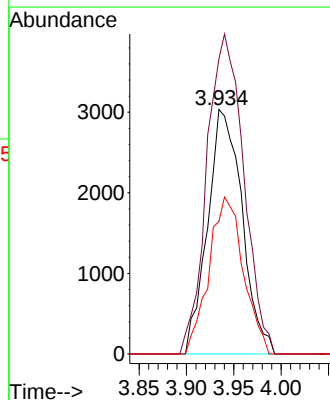
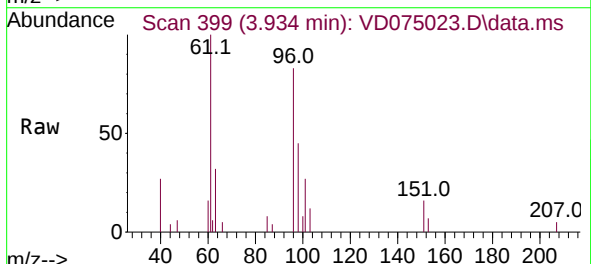
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

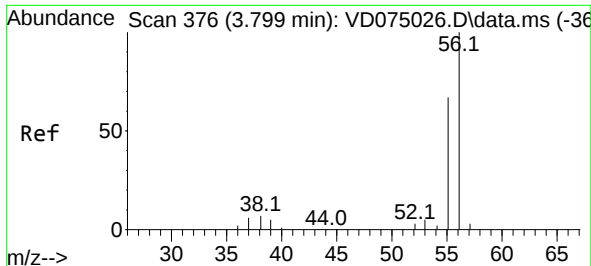
Tgt Ion: 59 Resp: 3180
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 4.140 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.012 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 96 Resp: 7695
Ion Ratio Lower Upper
96 100
61 120.8 104.9 157.3
98 54.2 51.8 77.8

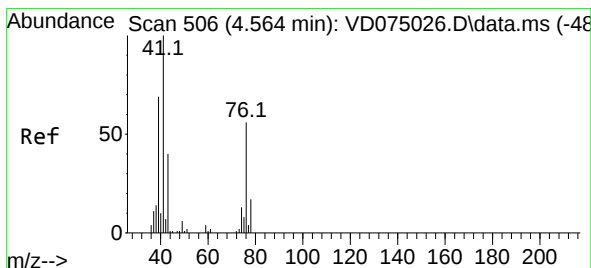
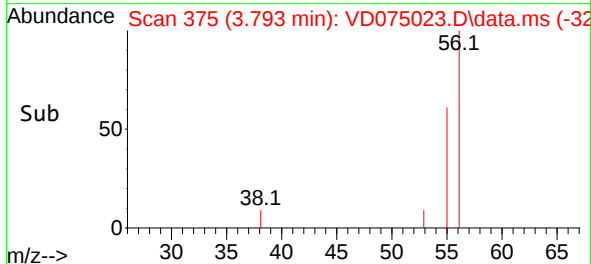
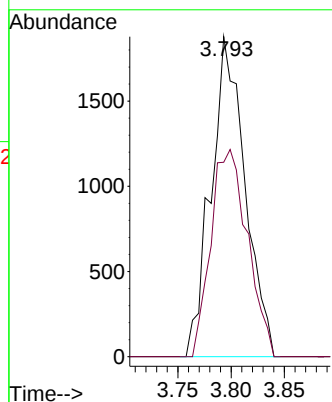
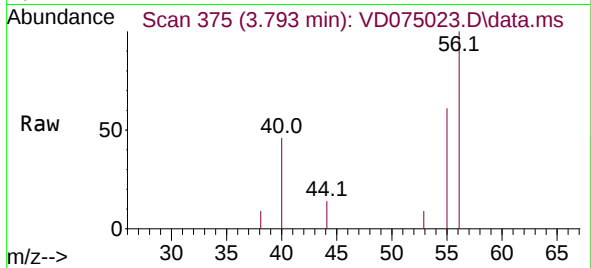




#13
Acrolein
Concen: 21.823 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

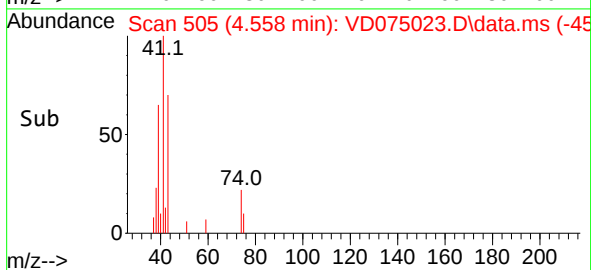
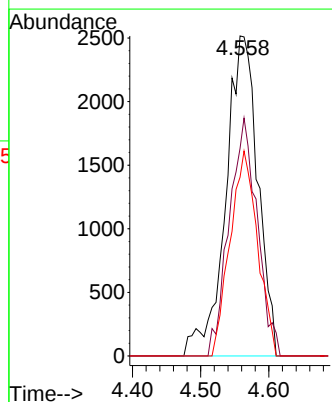
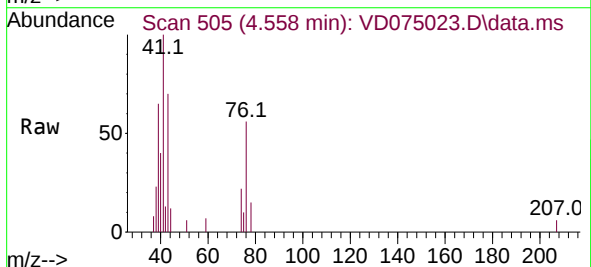
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

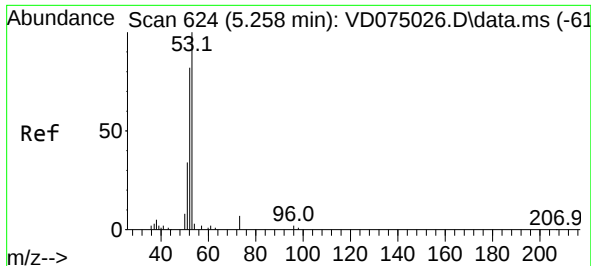
Tgt Ion: 56 Resp: 4162
Ion Ratio Lower Upper
56 100
55 69.8 56.6 84.8



#14
Allyl chloride
Concen: 3.902 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 41 Resp: 8263
Ion Ratio Lower Upper
41 100
39 64.8 52.5 78.7
76 54.6 41.1 61.7





#15

Acrylonitrile

Concen: 20.462 ug/l

RT: 5.246 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

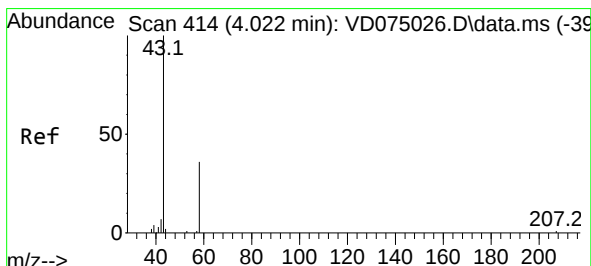
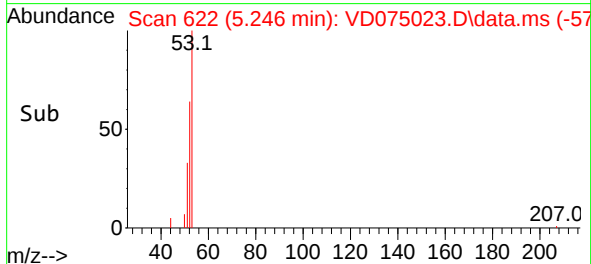
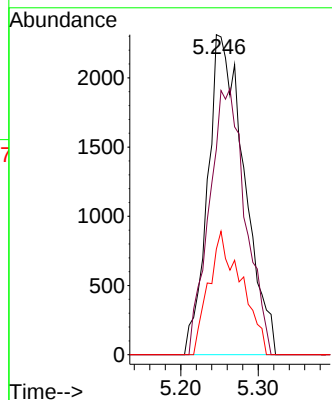
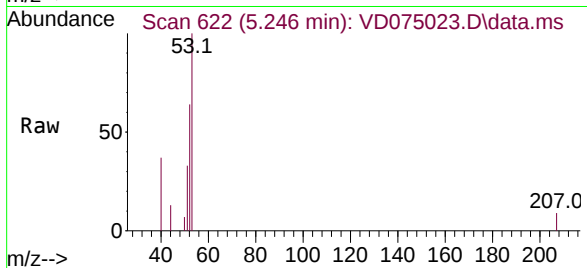
Tgt Ion: 53 Resp: 7600

Ion Ratio Lower Upper

53 100

52 82.4 64.0 96.0

51 34.4 27.8 41.8



#16

Acetone

Concen: 20.932 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD075023.D

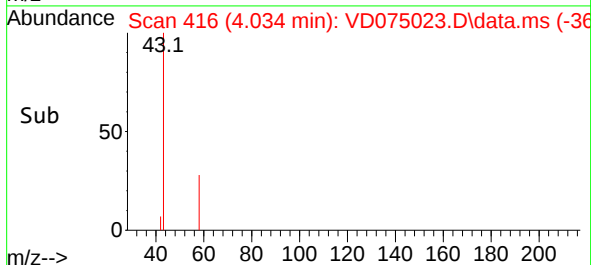
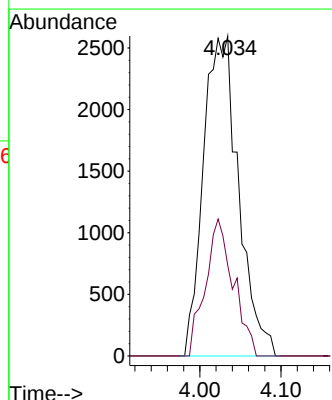
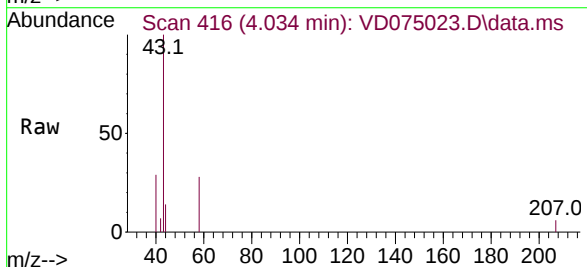
Acq: 15 Dec 2022 12:19

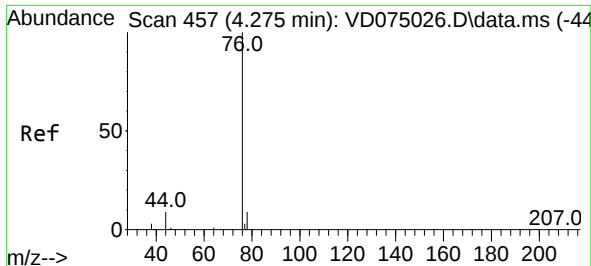
Tgt Ion: 43 Resp: 7804

Ion Ratio Lower Upper

43 100

58 28.4 28.6 43.0#

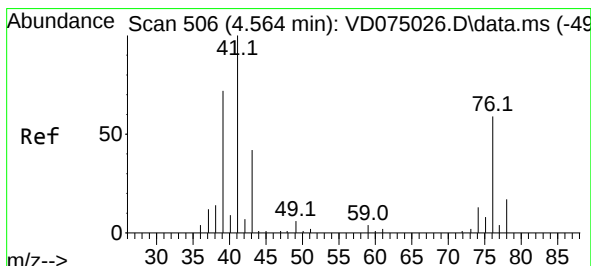
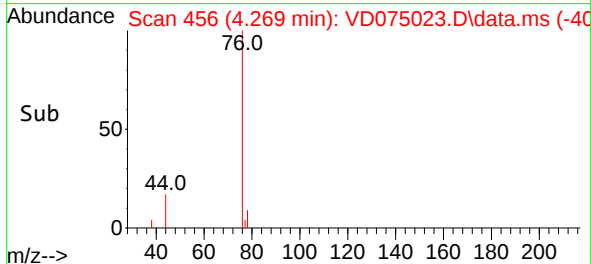
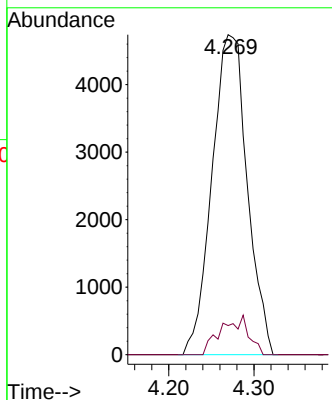
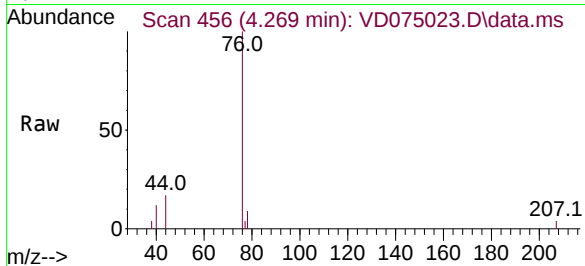




#17
Carbon Disulfide
Concen: 3.184 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

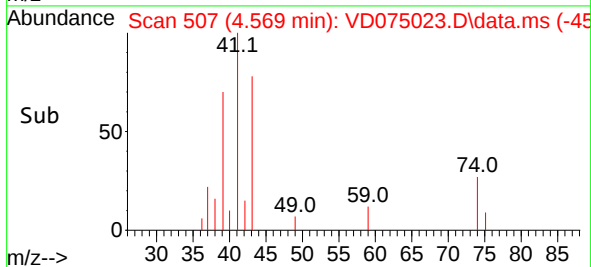
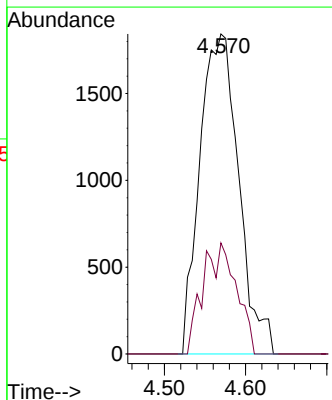
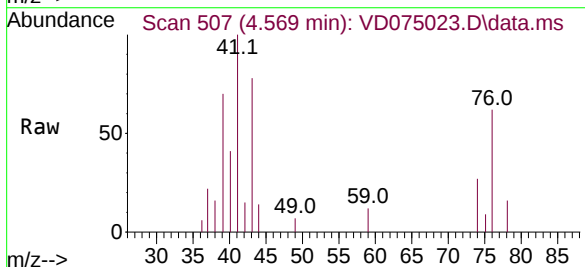
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

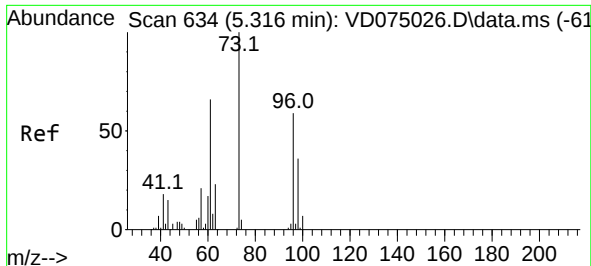
Tgt Ion: 76 Resp: 13634
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 5.979 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
74 13.7 24.5 36.7#





#19

Methyl tert-butyl Ether

Concen: 3.902 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

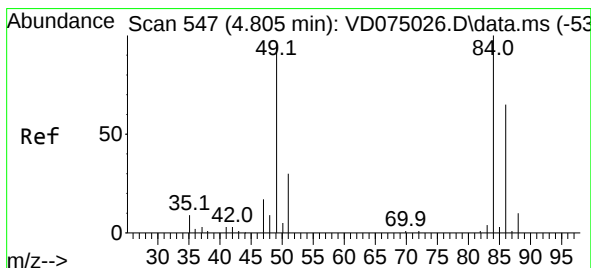
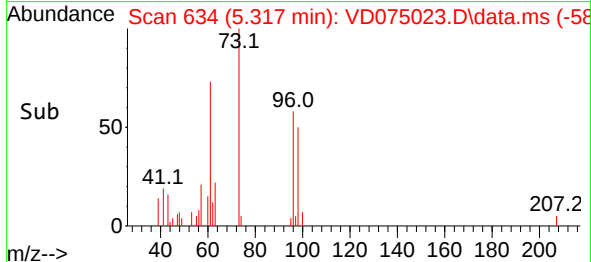
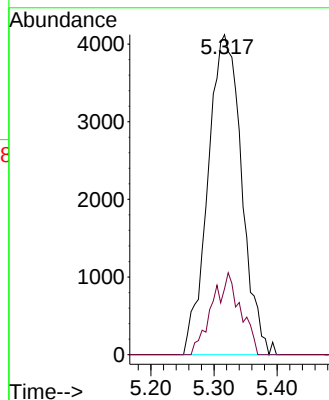
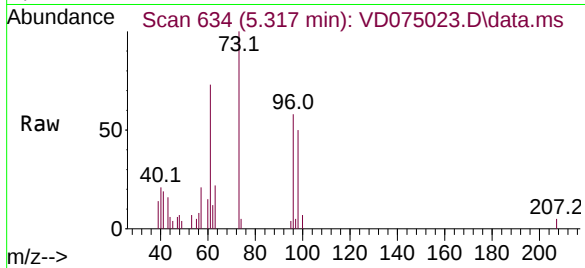
VSTDIC005

Tgt Ion: 73 Resp: 15285

Ion Ratio Lower Upper

73 100

57 20.6 16.9 25.3



#20

Methylene Chloride

Concen: 10.060 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Tgt Ion: 84 Resp: 40055

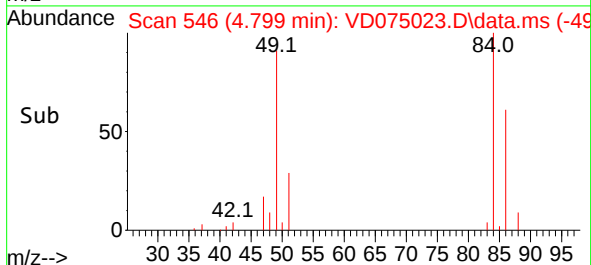
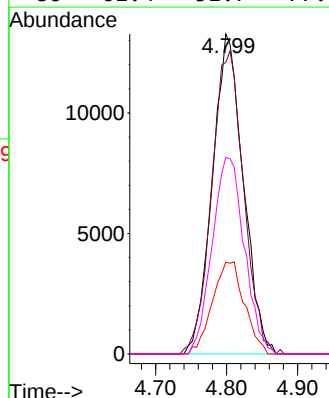
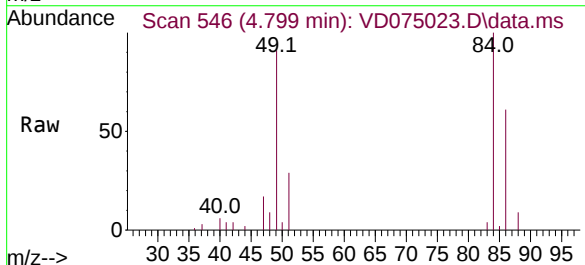
Ion Ratio Lower Upper

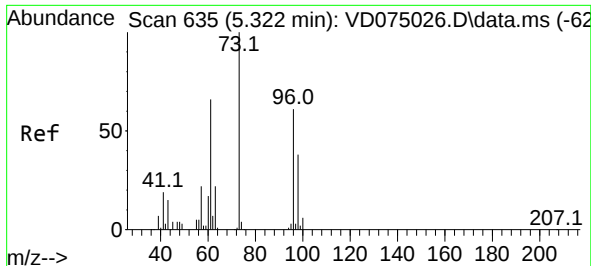
84 100

49 91.1 77.2 115.8

51 28.6 24.1 36.1

86 61.4 51.7 77.5

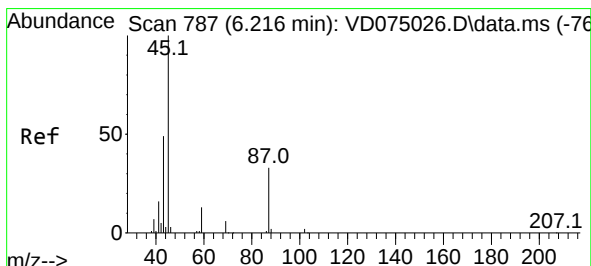
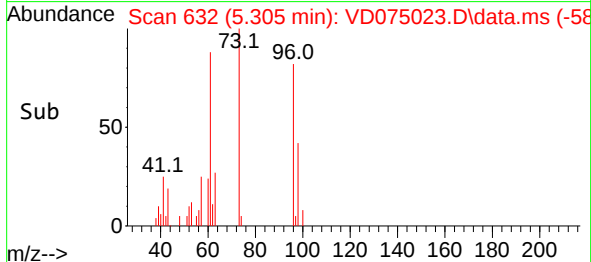
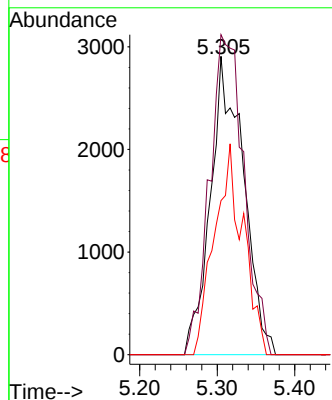
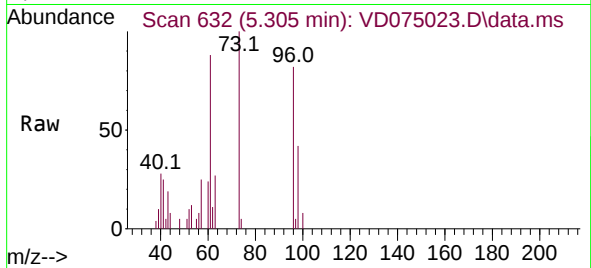




#21
trans-1,2-Dichloroethene
Concen: 4.184 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.017 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

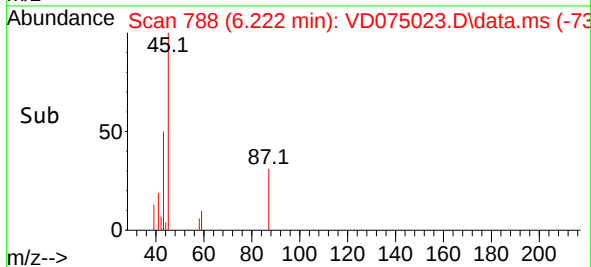
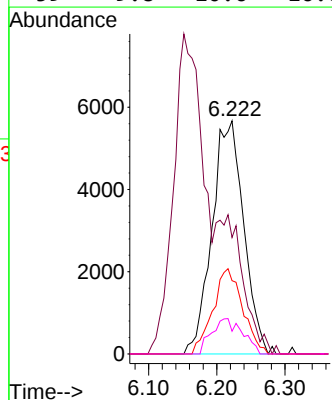
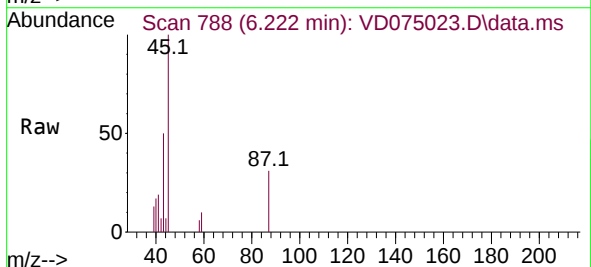
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

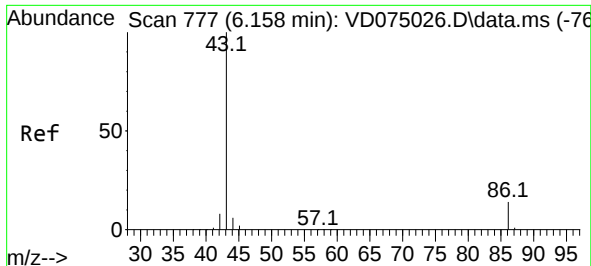
Tgt Ion: 96 Resp: 8618
Ion Ratio Lower Upper
96 100
61 107.2 86.7 130.1
98 51.6 49.8 74.8



#22
Diisopropyl ether
Concen: 3.824 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 45 Resp: 18344
Ion Ratio Lower Upper
45 100
43 50.0 39.8 59.8
87 31.5 27.5 41.3
59 9.8 10.6 16.0#

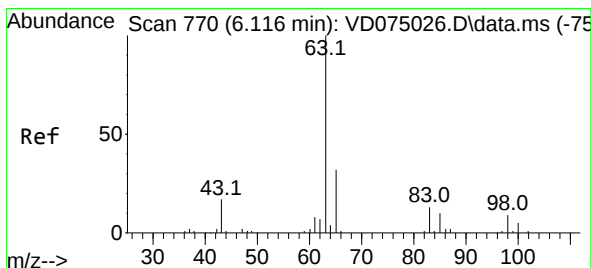
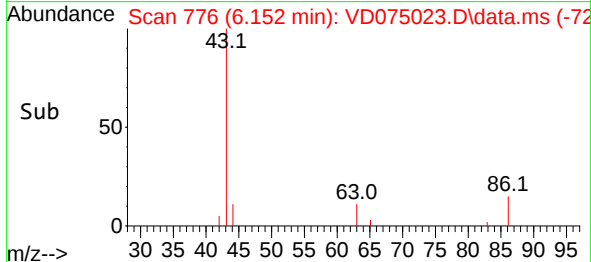
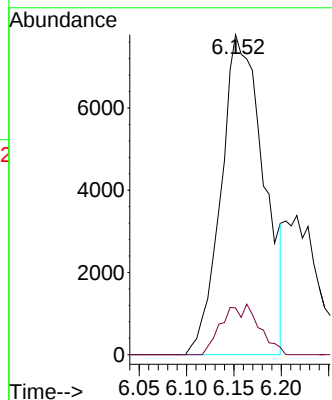
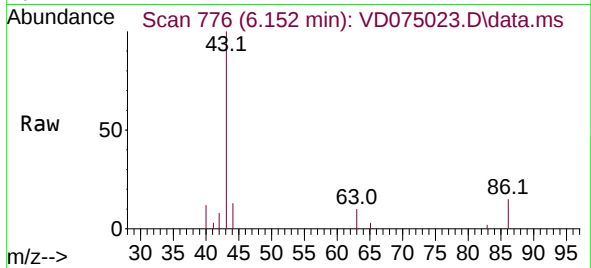




#23
 Vinyl Acetate
 Concen: 13.074 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

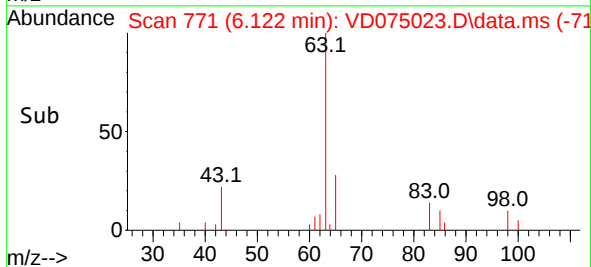
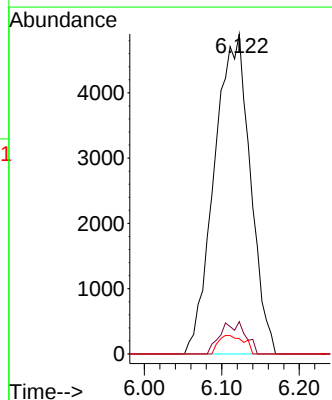
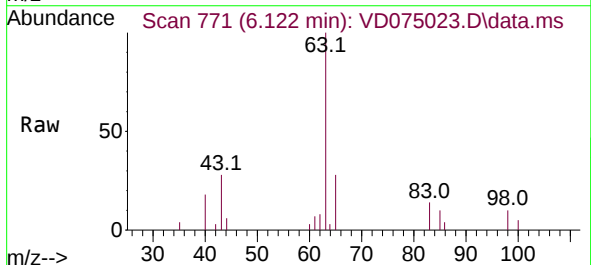
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

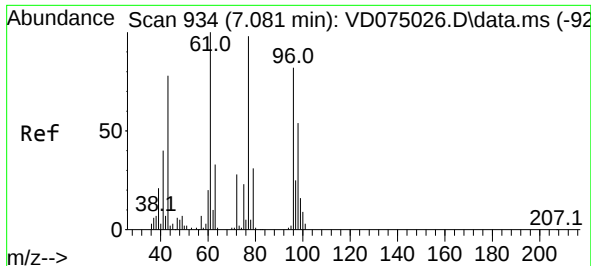
Tgt Ion: 43 Resp: 24399
 Ion Ratio Lower Upper
 43 100
 86 14.6 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 4.487 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

Tgt Ion: 63 Resp: 15775
 Ion Ratio Lower Upper
 63 100
 98 10.1 4.3 13.1
 100 4.8 2.5 7.4

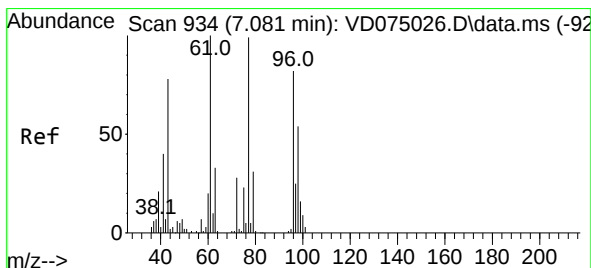
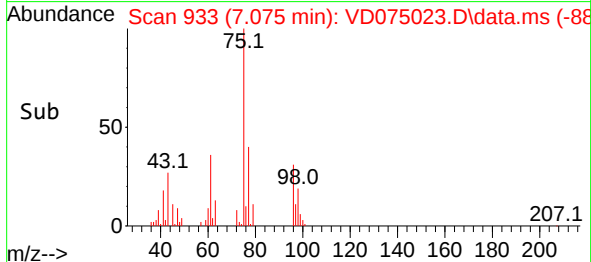
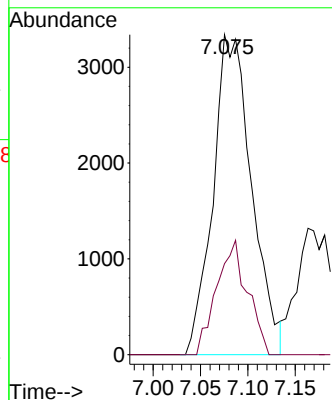
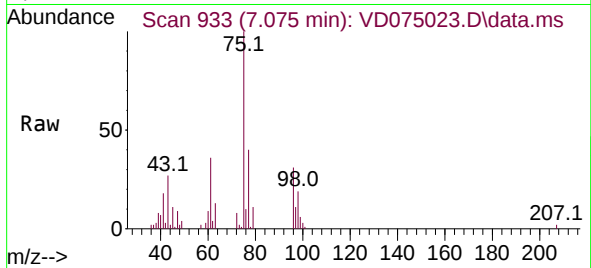




#25
2-Butanone
Concen: 20.652 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

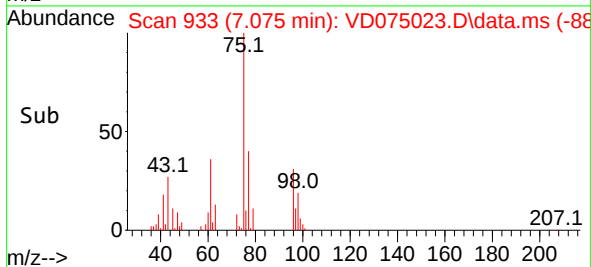
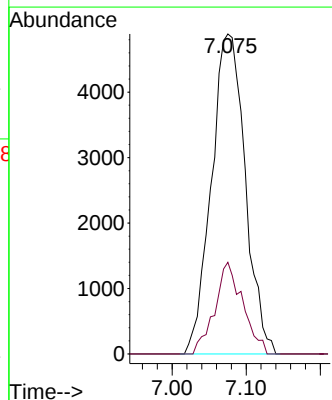
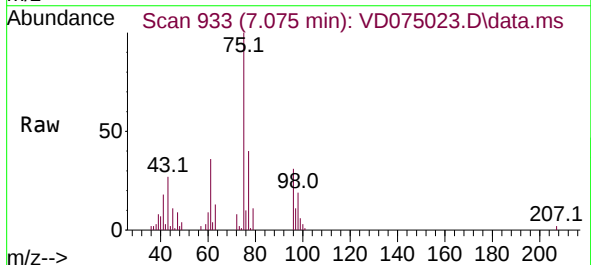
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

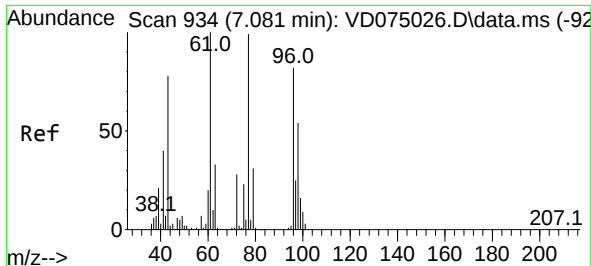
Tgt Ion: 43 Resp: 9447
Ion Ratio Lower Upper
43 100
72 28.5 28.4 42.6



#26
2,2-Dichloropropane
Concen: 4.820 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 77 Resp: 15487
Ion Ratio Lower Upper
77 100
97 23.7 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 4.230 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

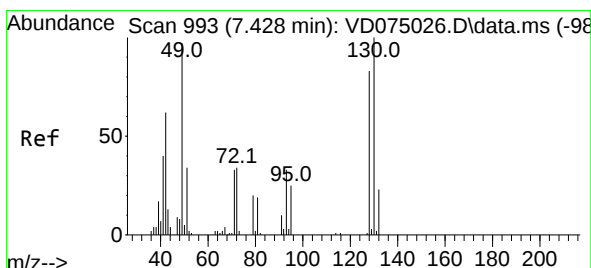
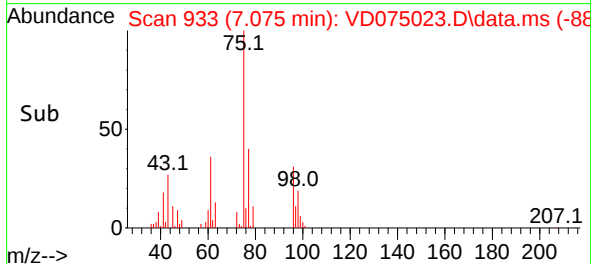
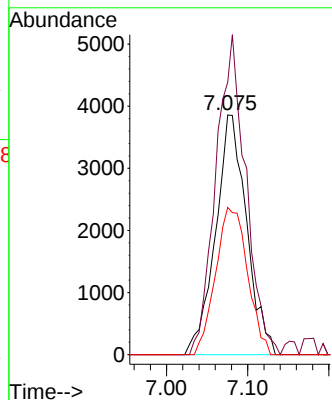
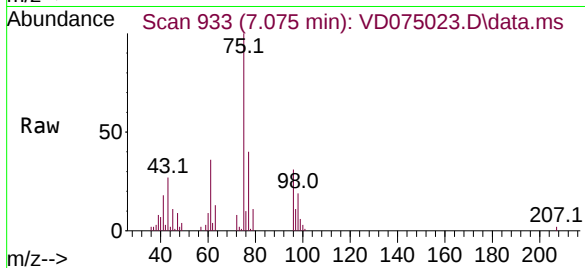
Tgt Ion: 96 Resp: 10269

Ion Ratio Lower Upper

96 100

61 128.3 0.0 244.6

98 63.0 0.0 131.0



#28

Bromochloromethane

Concen: 4.214 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

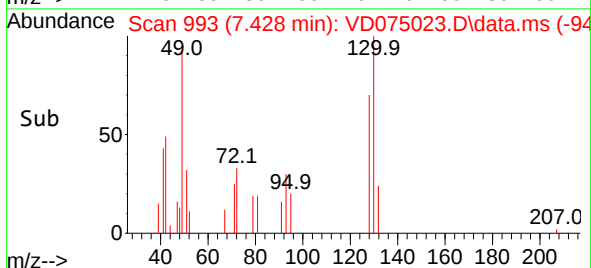
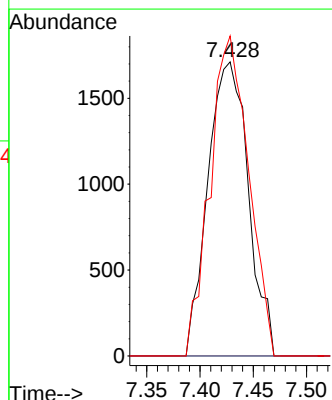
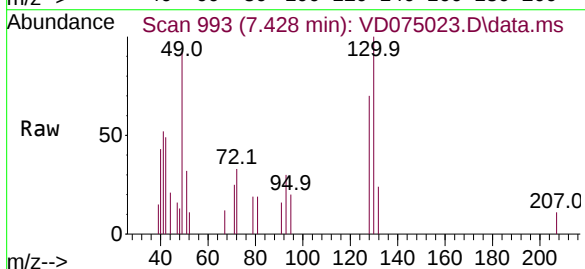
Tgt Ion: 49 Resp: 4519

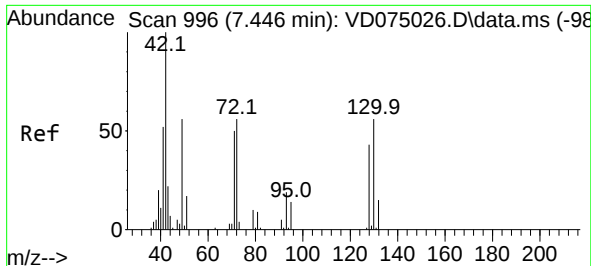
Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

130 104.2 78.2 117.4





#29

Tetrahydrofuran

Concen: 18.692 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

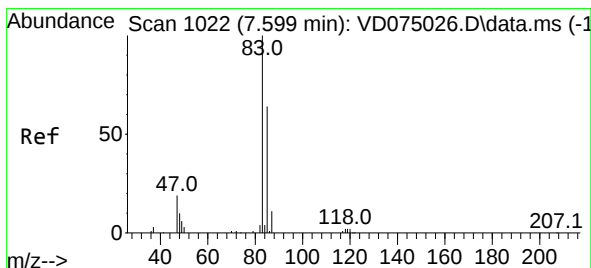
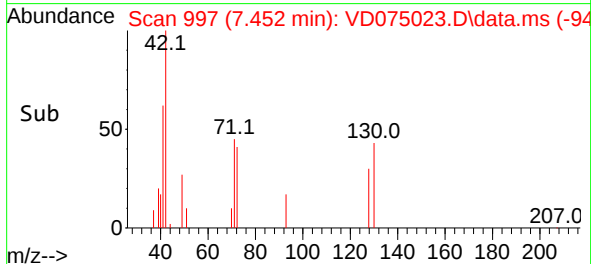
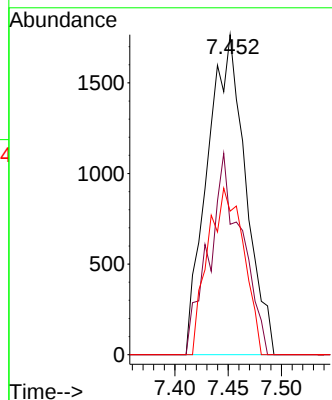
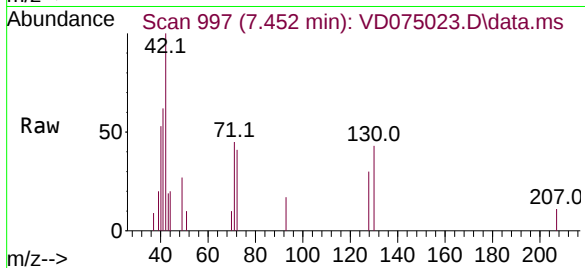
Tgt Ion: 42 Resp: 4405

Ion Ratio Lower Upper

42 100

72 54.1 43.8 65.8

71 48.7 41.1 61.7



#30

Chloroform

Concen: 4.941 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075023.D

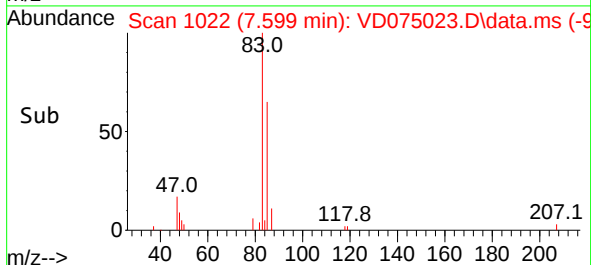
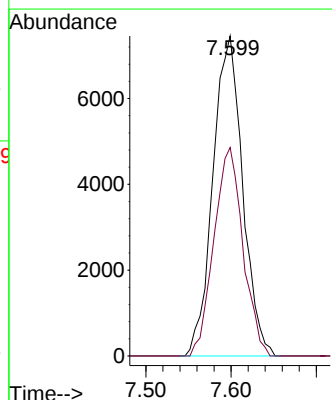
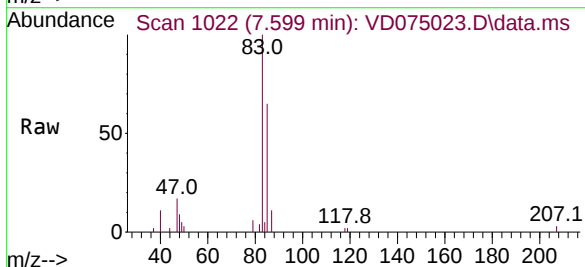
Acq: 15 Dec 2022 12:19

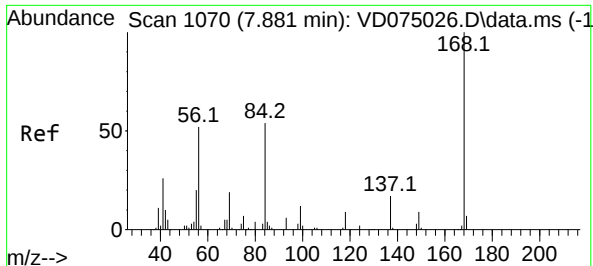
Tgt Ion: 83 Resp: 18080

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

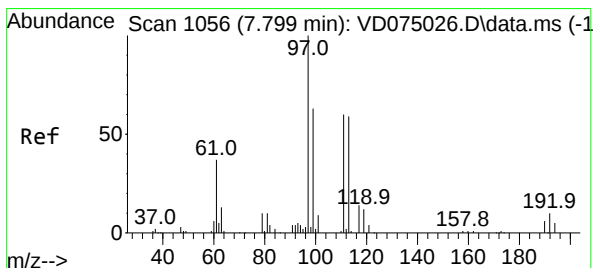
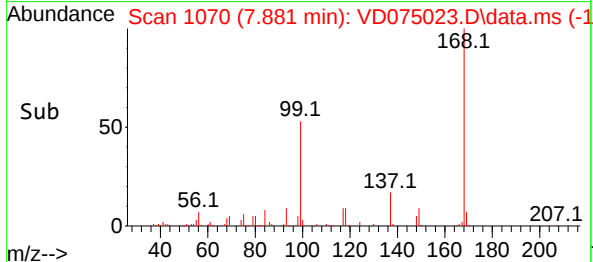
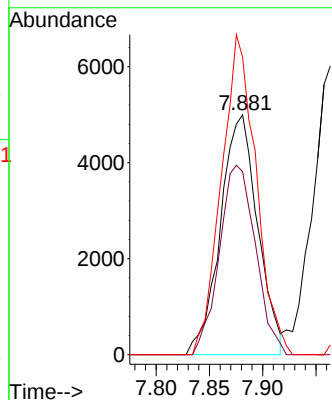
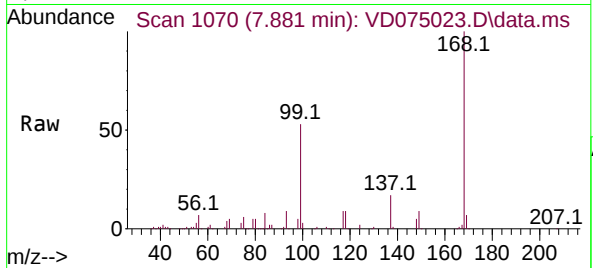




#31
Cyclohexane
Concen: 5.085 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

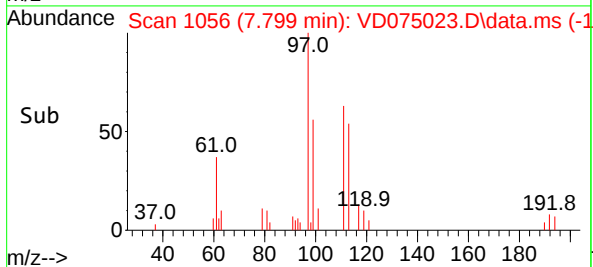
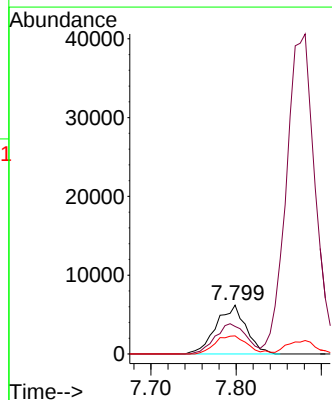
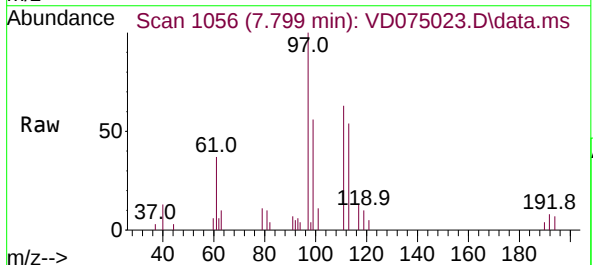
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

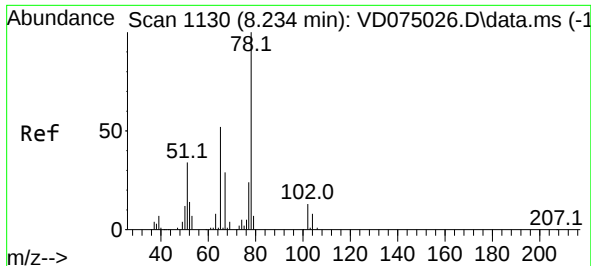
Tgt Ion: 56 Resp: 12151
Ion Ratio Lower Upper
56 100
69 76.3 29.4 44.2#
84 124.0 81.8 122.8#



#32
1,1,1-Trichloroethane
Concen: 4.861 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 97 Resp: 15079
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 40.7 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 5.211 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

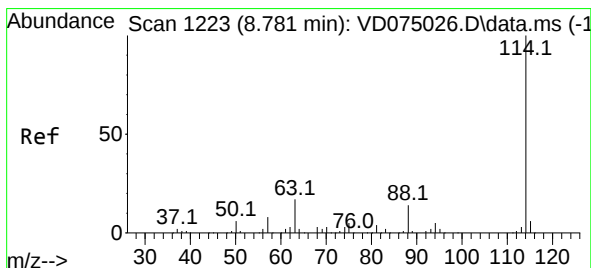
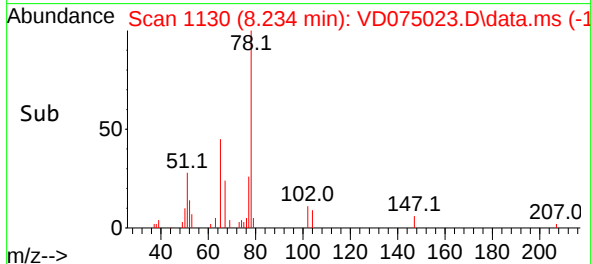
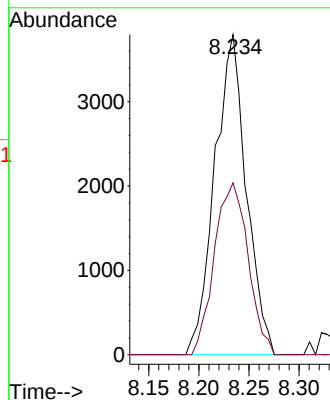
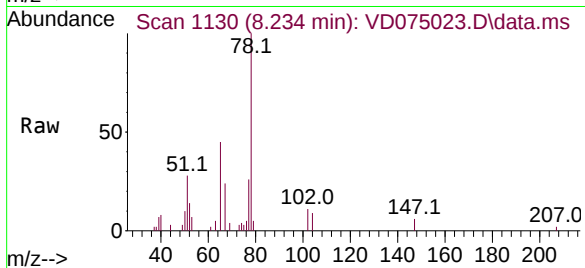
VSTDIC005

Tgt Ion: 65 Resp: 8323

Ion Ratio Lower Upper

65 100

67 57.1 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

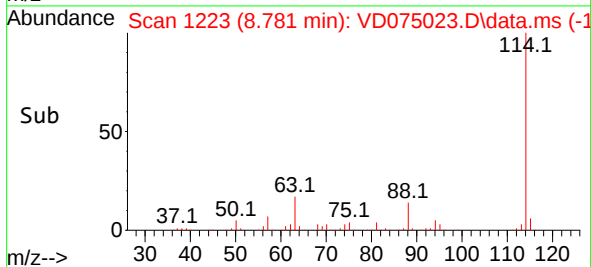
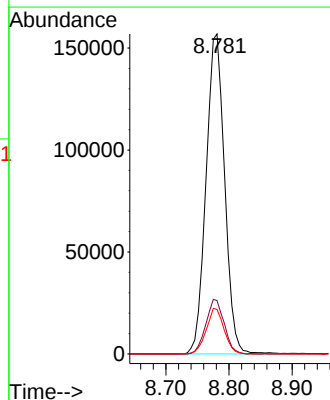
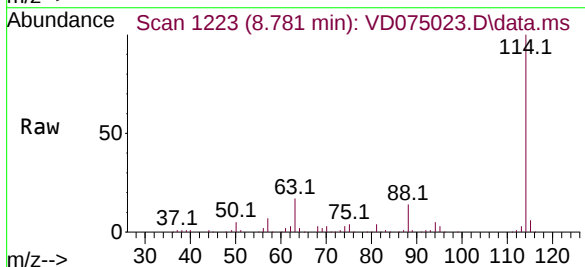
Tgt Ion: 114 Resp: 320330

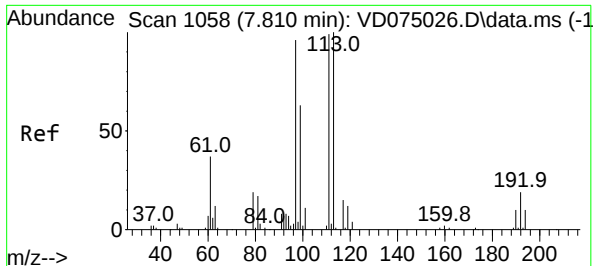
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.8

88 13.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 4.737 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

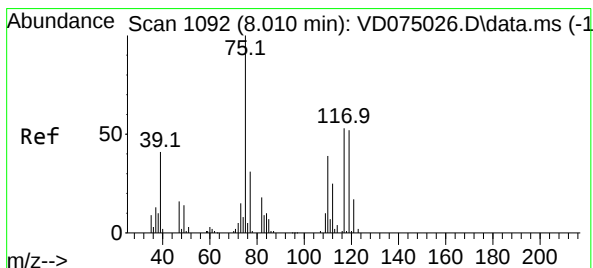
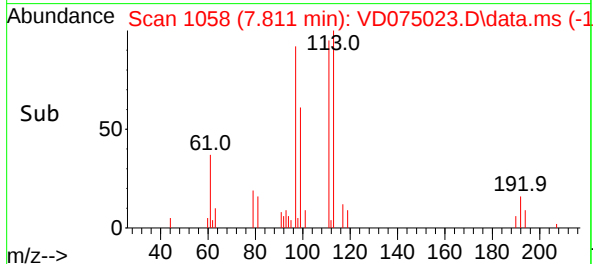
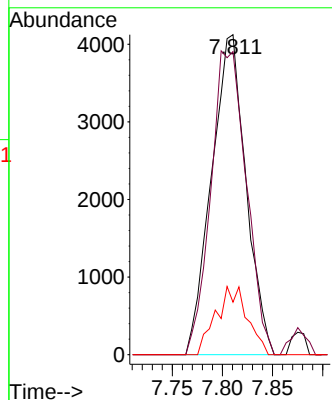
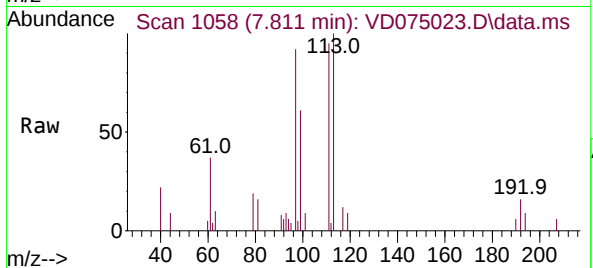
Tgt Ion:113 Resp: 9843

Ion Ratio Lower Upper

113 100

111 98.0 82.1 123.1

192 19.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.694 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

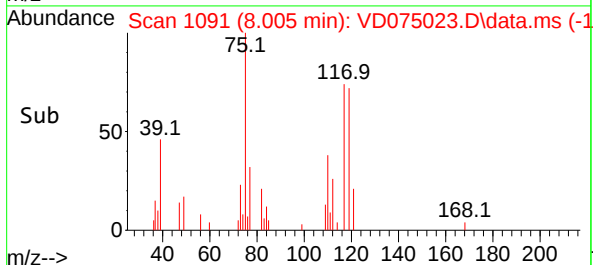
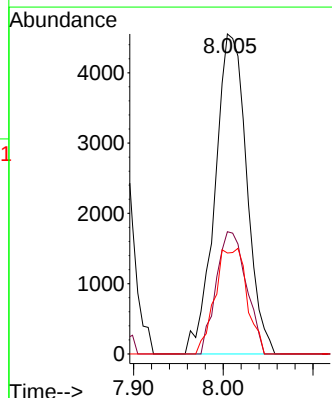
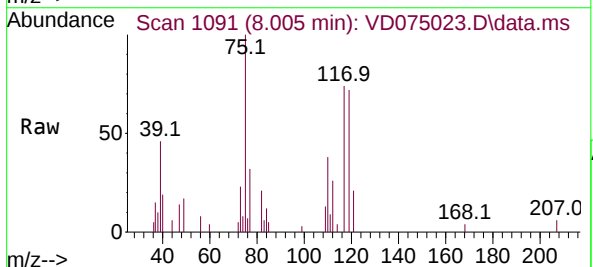
Tgt Ion: 75 Resp: 11165

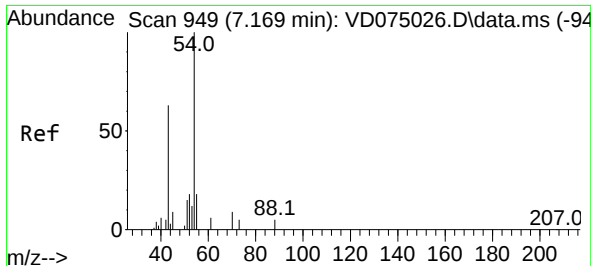
Ion Ratio Lower Upper

75 100

110 36.2 19.0 57.0

77 33.1 25.2 37.8





#37

Ethyl Acetate

Concen: 3.861 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

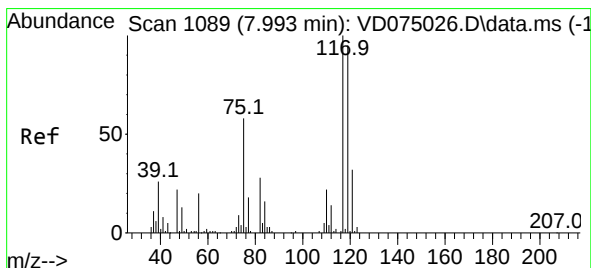
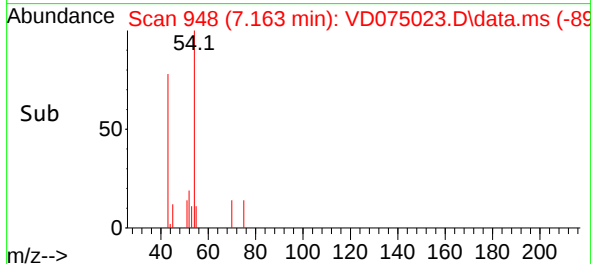
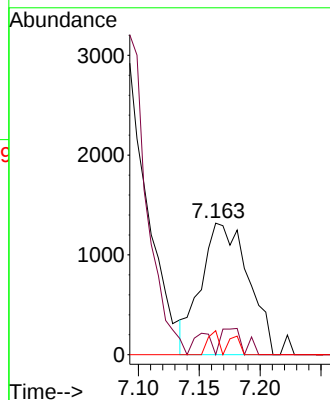
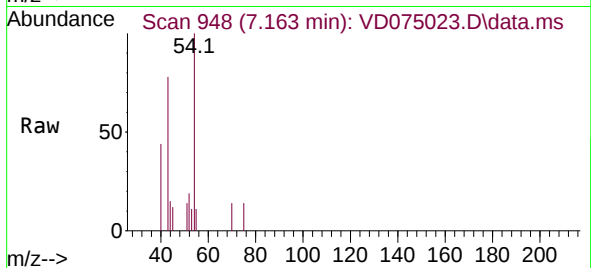
Tgt Ion: 43 Resp: 3563

Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

70 4.1 10.2 15.4#



#38

Carbon Tetrachloride

Concen: 4.821 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

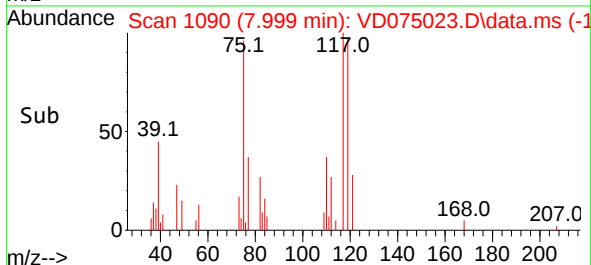
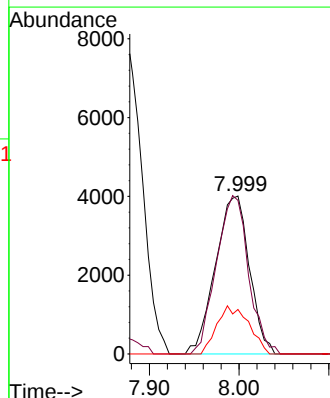
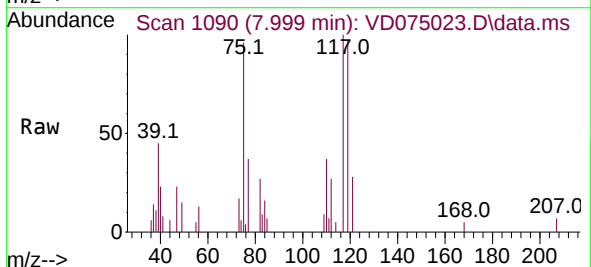
Tgt Ion: 117 Resp: 10541

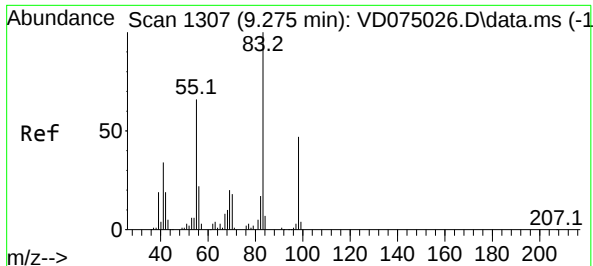
Ion Ratio Lower Upper

117 100

119 97.3 75.8 113.6

121 28.2 25.4 38.0





#39

Methylcyclohexane

Concen: 4.424 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

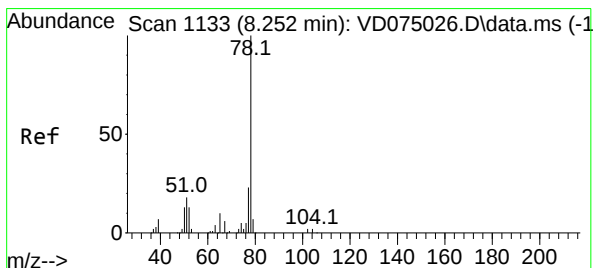
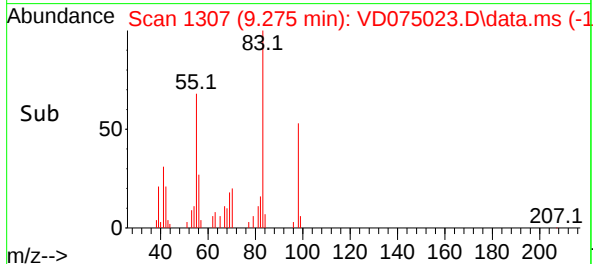
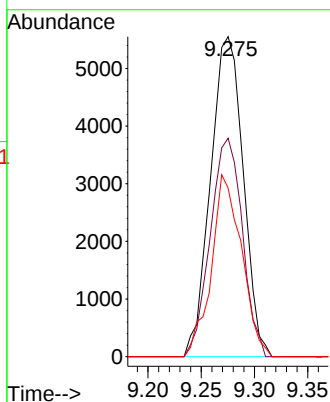
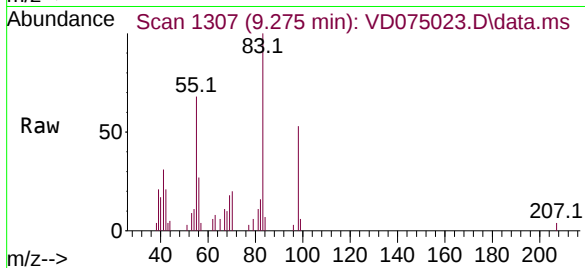
Tgt Ion: 83 Resp: 11846

Ion Ratio Lower Upper

83 100

55 68.3 53.1 79.7

98 52.7 37.5 56.3



#40

Benzene

Concen: 4.887 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075023.D

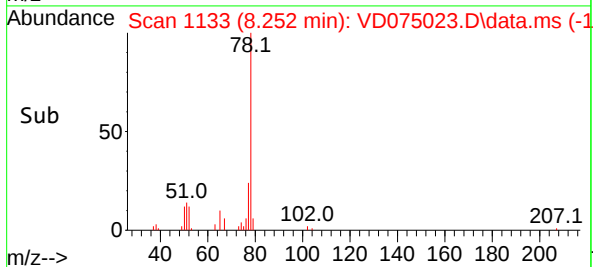
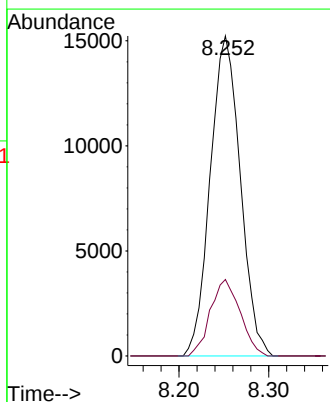
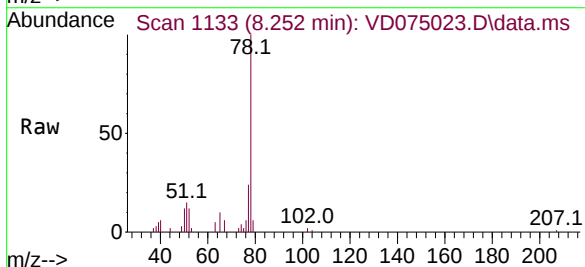
Acq: 15 Dec 2022 12:19

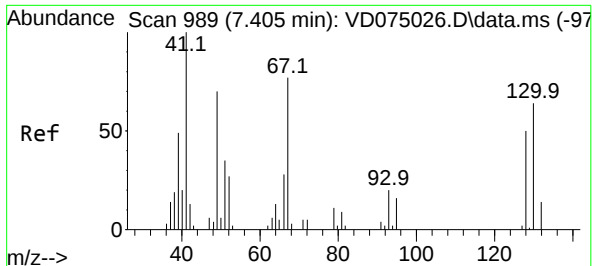
Tgt Ion: 78 Resp: 35399

Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8

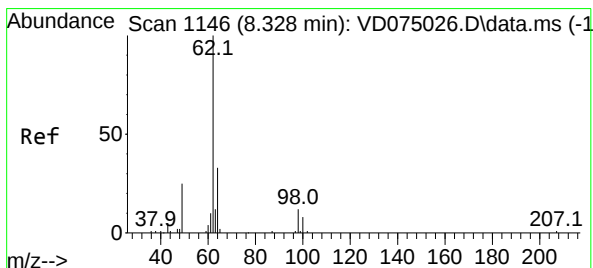
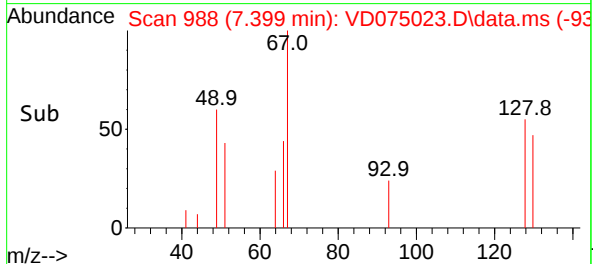
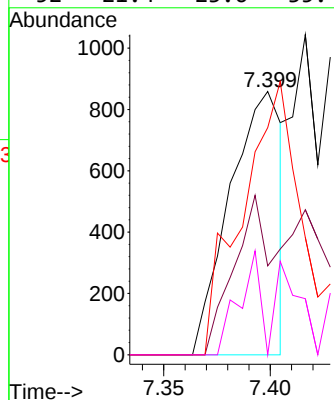
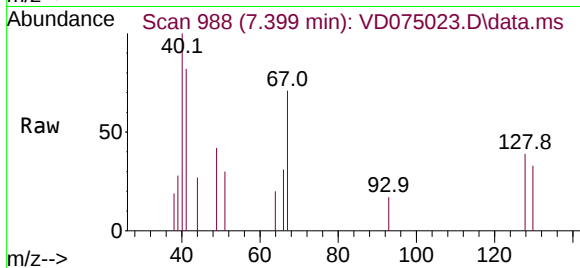




#41
Methacrylonitrile
Concen: 2.704 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

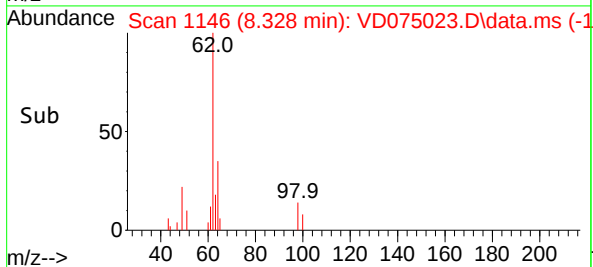
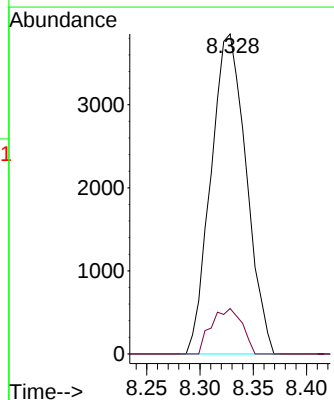
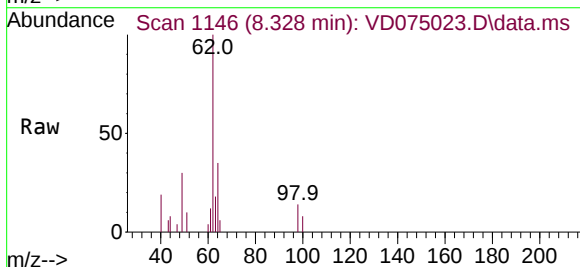
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

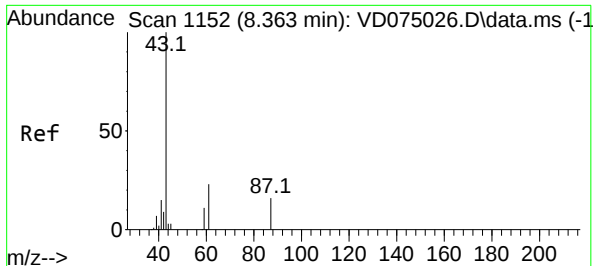
Tgt Ion: 41 Resp: 1456
Ion Ratio Lower Upper
41 100
39 17.0 44.8 67.2#
67 121.6 69.6 104.4#
52 21.4 23.6 35.4#



#42
1,2-Dichloroethane
Concen: 5.000 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 62 Resp: 8871
Ion Ratio Lower Upper
62 100
98 12.4 0.0 23.4

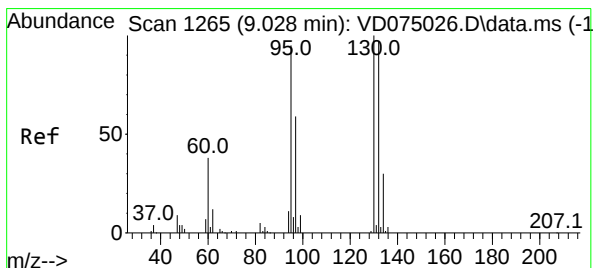
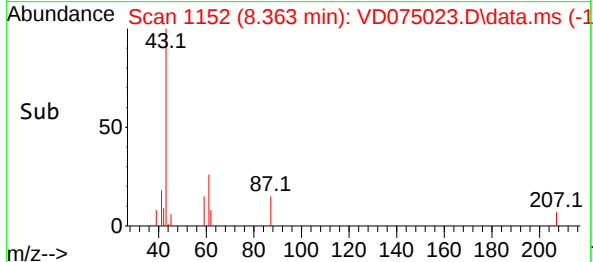
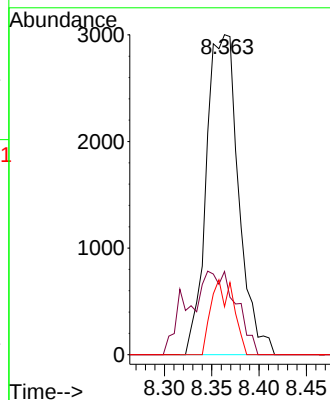
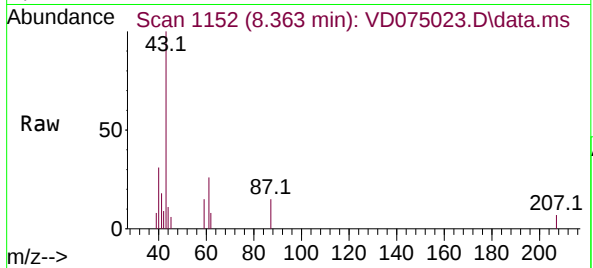




#43
Isopropyl Acetate
Concen: 4.496 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

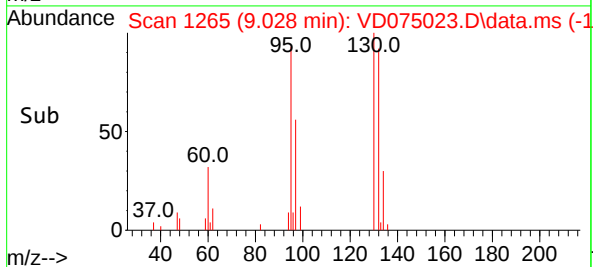
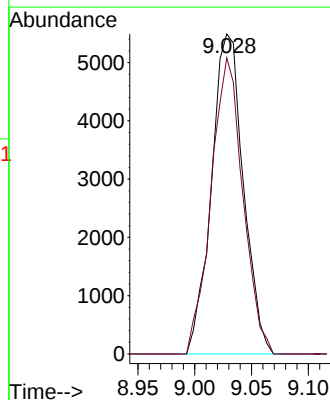
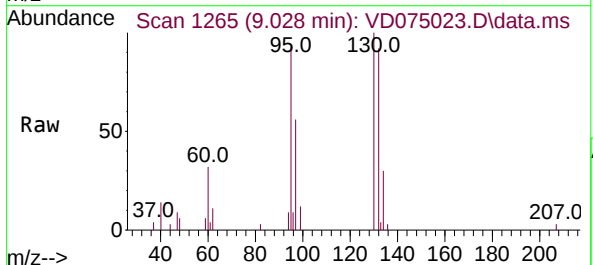
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

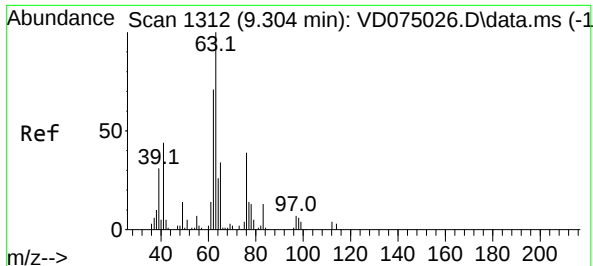
Tgt Ion: 43 Resp: 7108
Ion Ratio Lower Upper
43 100
61 27.3 28.2 42.4#
87 16.3 13.6 20.4



#44
Trichloroethene
Concen: 5.242 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:130 Resp: 10738
Ion Ratio Lower Upper
130 100
95 92.6 0.0 190.0





#45

1,2-Dichloropropane

Concen: 4.786 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

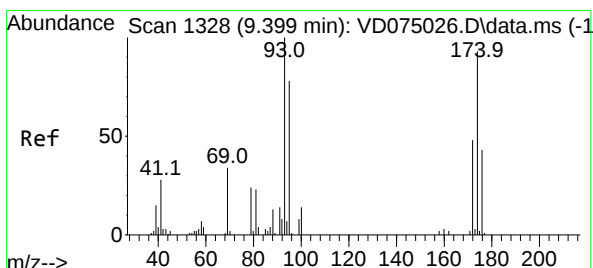
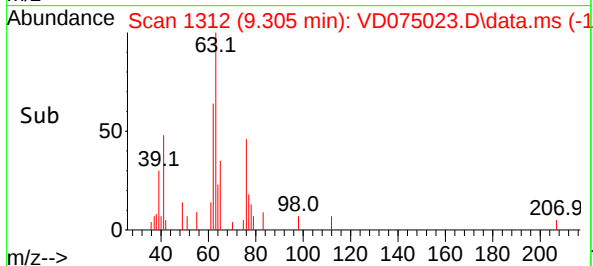
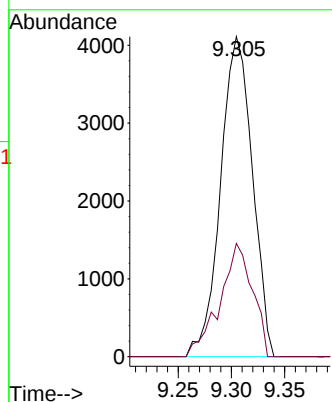
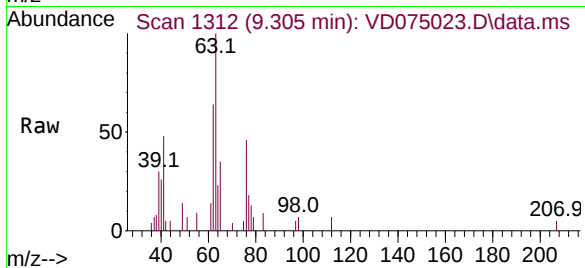
VSTDIC005

Tgt Ion: 63 Resp: 8540

Ion Ratio Lower Upper

63 100

65 35.4 27.0 40.6



#46

Dibromomethane

Concen: 5.144 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

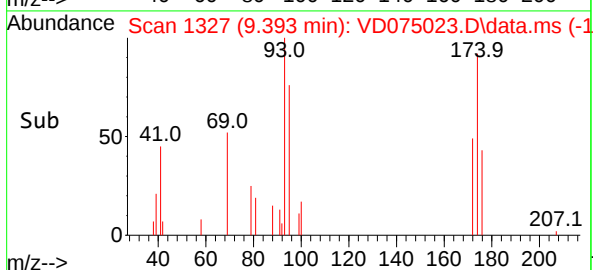
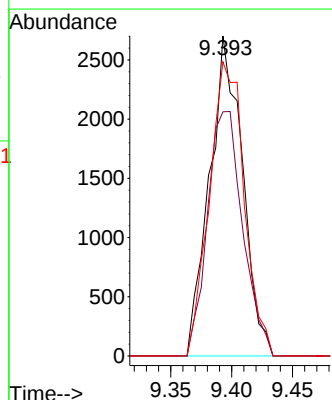
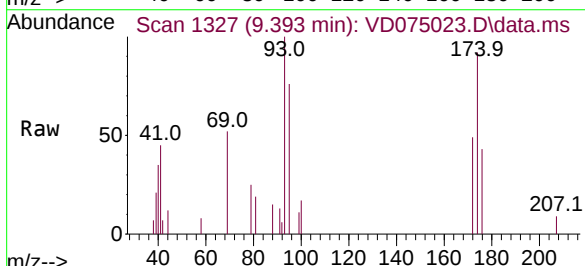
Tgt Ion: 93 Resp: 5068

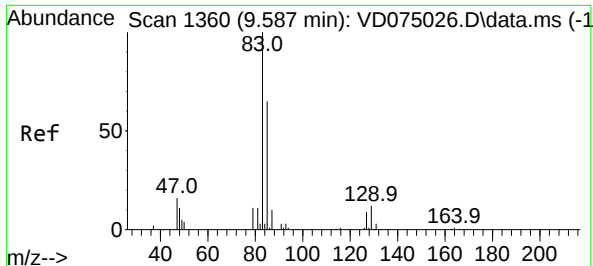
Ion Ratio Lower Upper

93 100

95 82.0 65.7 98.5

174 97.2 74.7 112.1

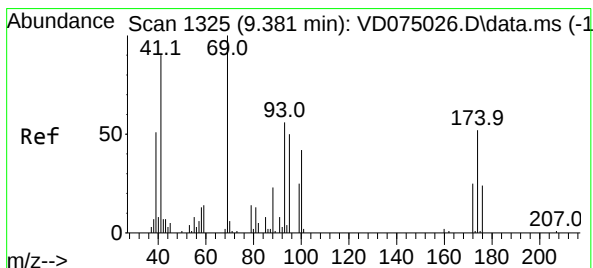
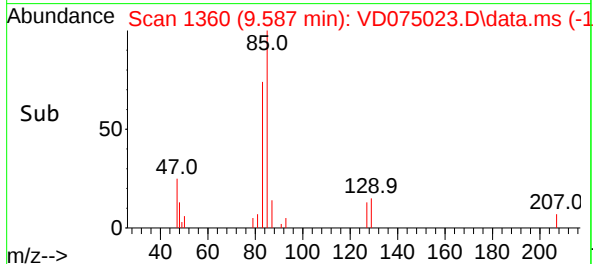
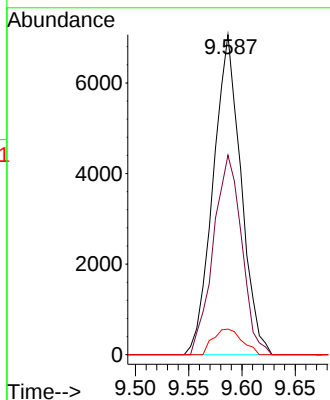
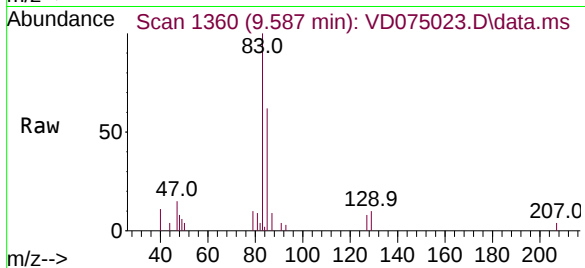




#47
Bromodichloromethane
Concen: 5.084 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

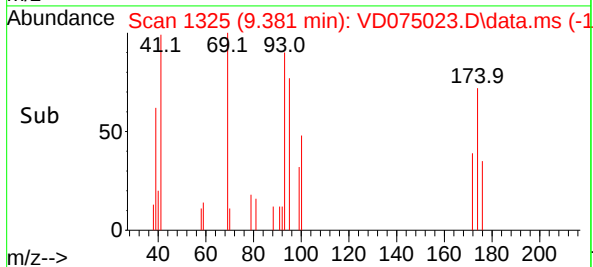
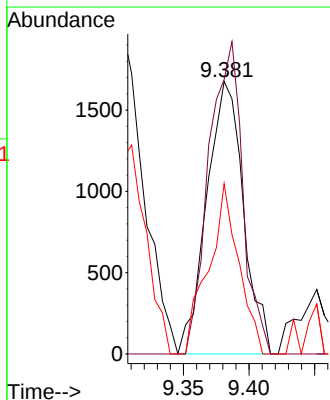
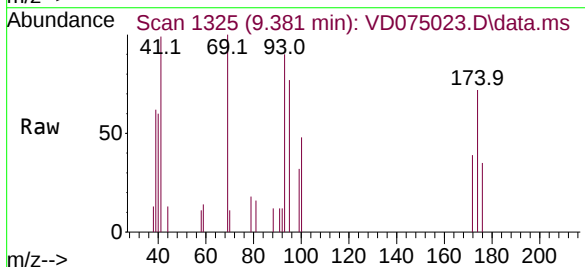
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

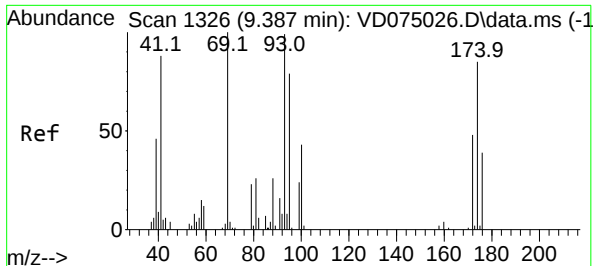
Tgt Ion: 83 Resp: 12820
Ion Ratio Lower Upper
83 100
85 62.3 51.8 77.8
127 8.0 7.2 10.8



#48
Methyl methacrylate
Concen: 4.383 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 41 Resp: 3260
Ion Ratio Lower Upper
41 100
69 105.3 84.8 127.2
39 51.7 43.6 65.4





#49

1,4-Dioxane

Concen: 73.404 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

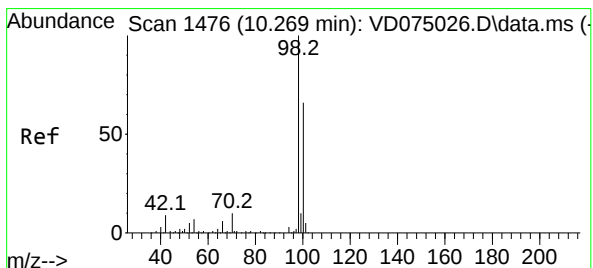
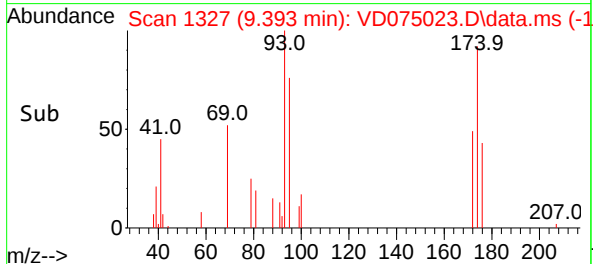
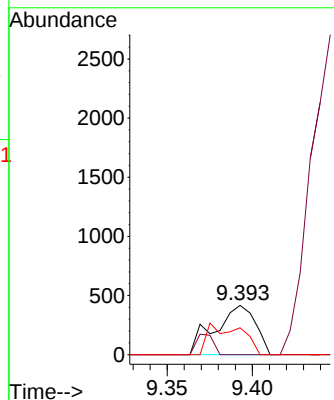
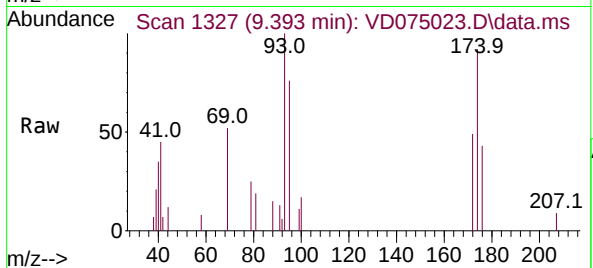
Tgt Ion: 88 Resp: 691

Ion Ratio Lower Upper

88 100

43 0.0 23.9 35.9#

58 52.1 48.4 72.6



#50

Toluene-d8

Concen: 4.025 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075023.D

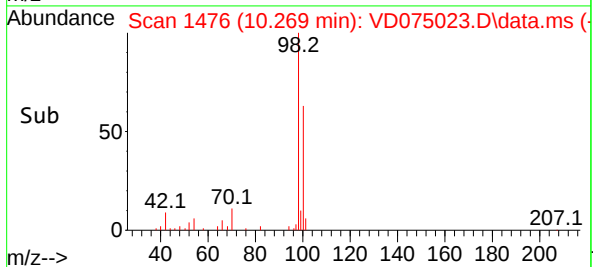
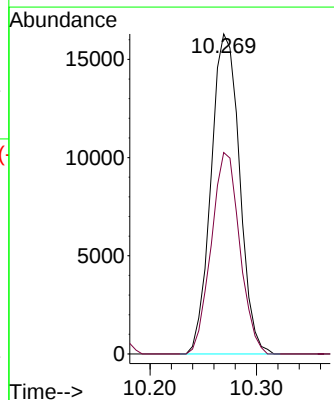
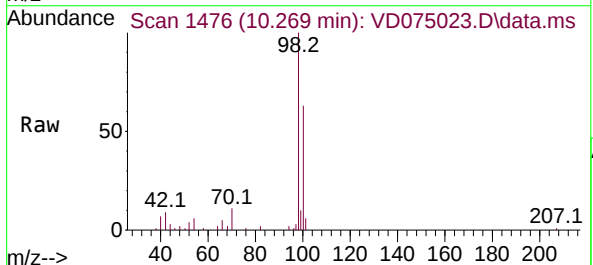
Acq: 15 Dec 2022 12:19

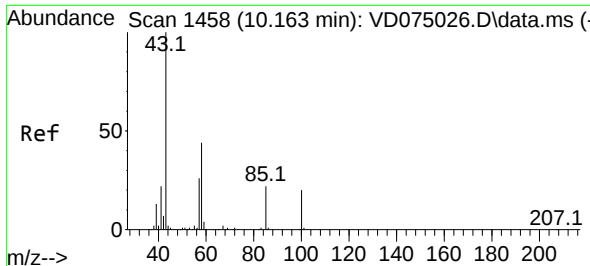
Tgt Ion: 98 Resp: 30255

Ion Ratio Lower Upper

98 100

100 62.8 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 18.766 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

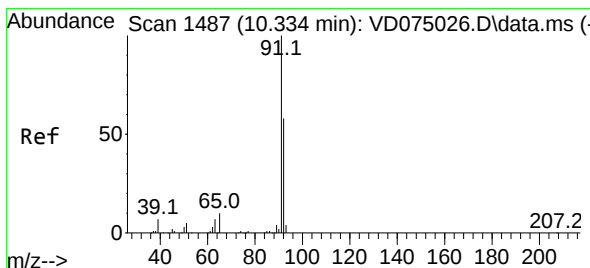
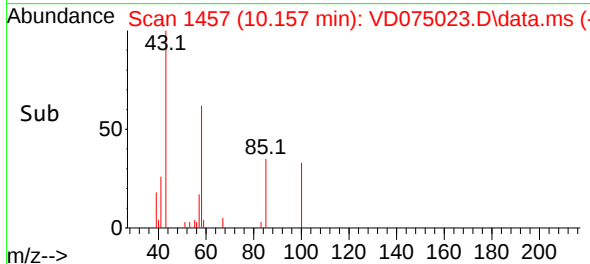
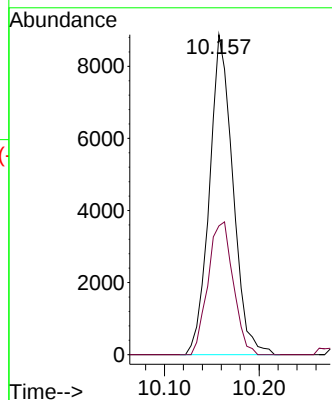
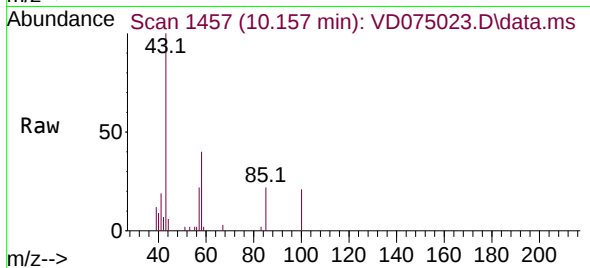
VSTDIC005

Tgt Ion: 43 Resp: 15275

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



#52

Toluene

Concen: 3.892 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075023.D

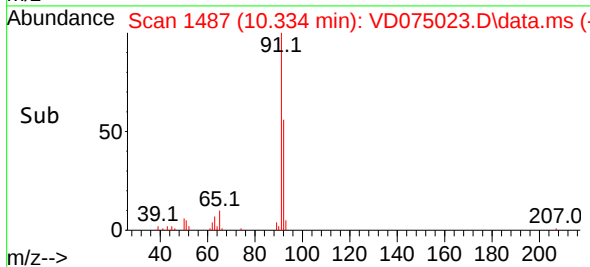
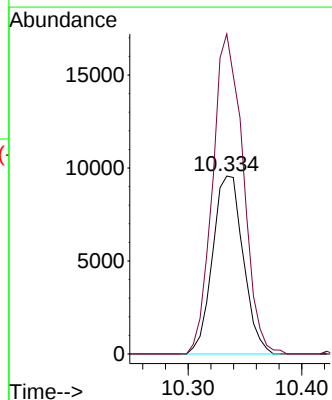
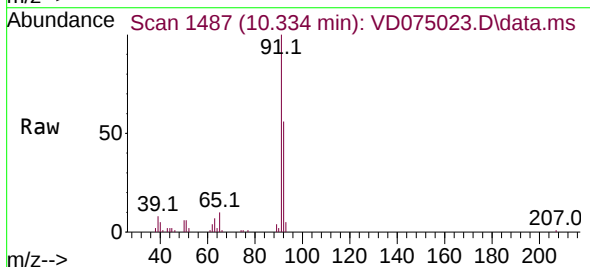
Acq: 15 Dec 2022 12:19

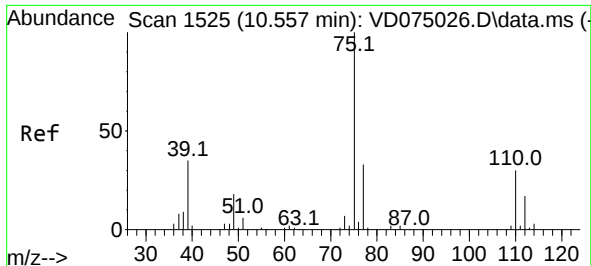
Tgt Ion: 92 Resp: 17941

Ion Ratio Lower Upper

92 100

91 178.5 139.3 208.9

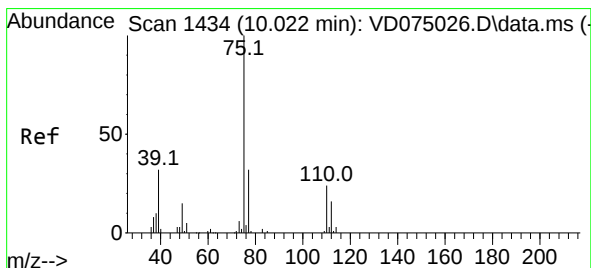
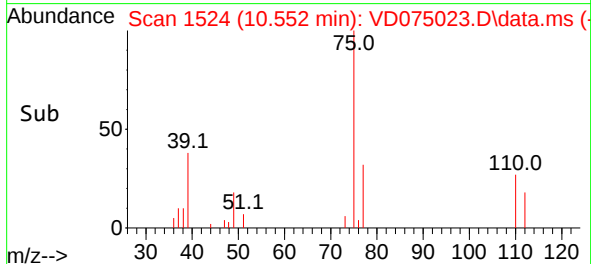
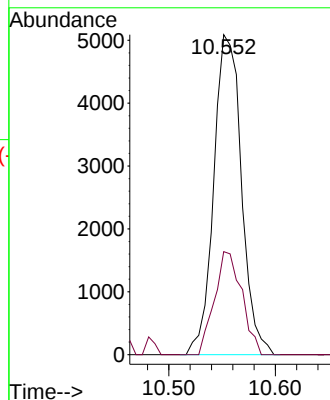
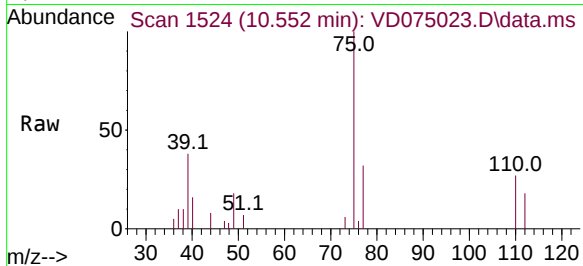




#53
 t-1,3-Dichloropropene
 Concen: 4.260 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

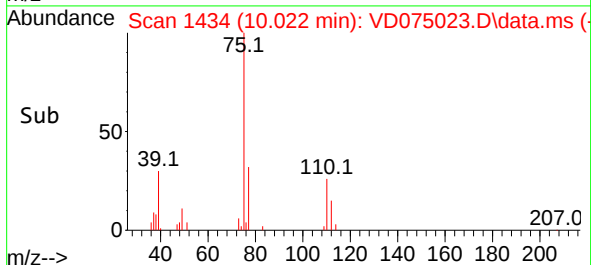
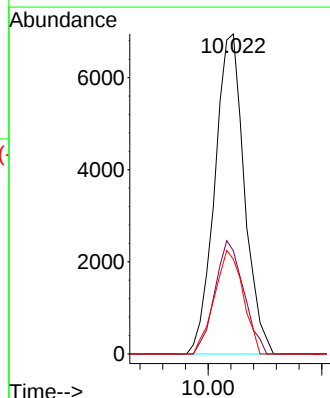
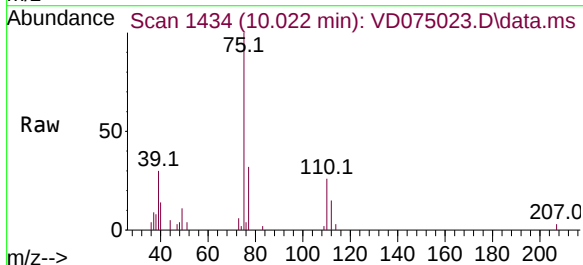
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

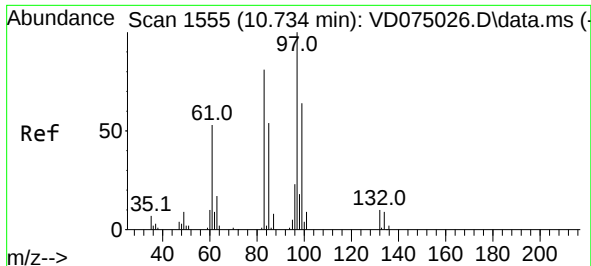
Tgt Ion: 75 Resp: 9183
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.611 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

Tgt Ion: 75 Resp: 12564
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 29.6 25.7 38.5

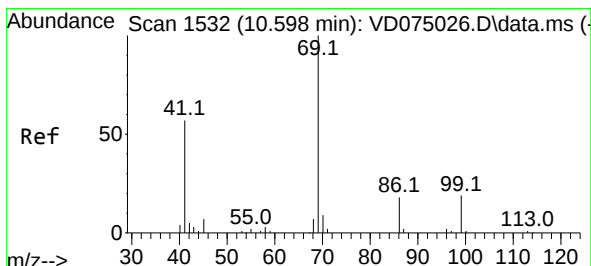
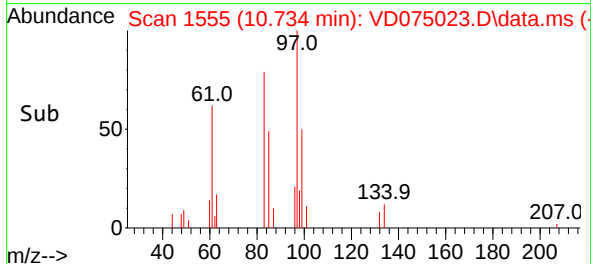
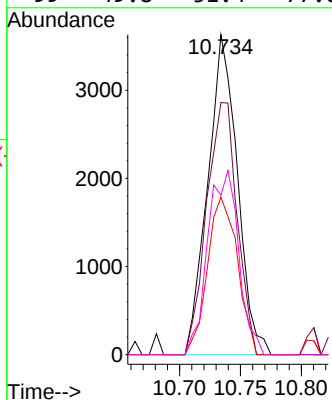
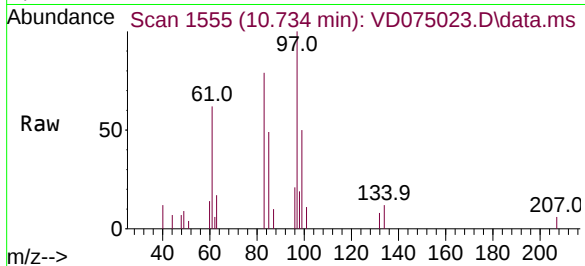




#55
1,1,2-Trichloroethane
Concen: 4.423 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

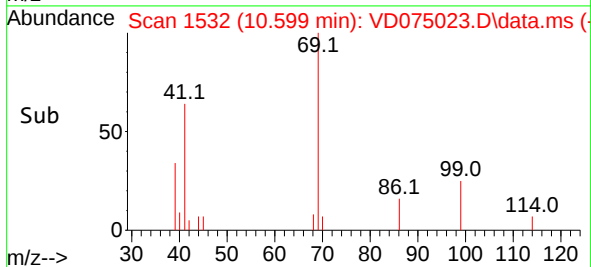
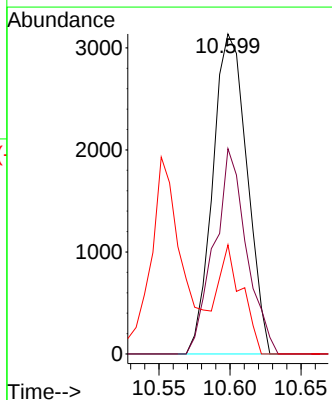
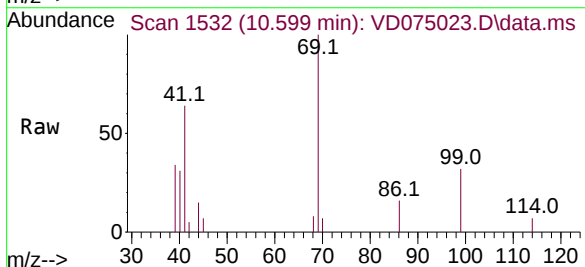
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

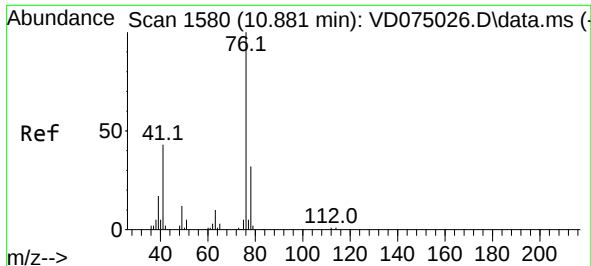
Tgt Ion: 97	Resp: 6146
Ion Ratio	Lower Upper
97 100	
83 78.8	65.1 97.7
85 49.2	43.3 64.9
99 49.8	51.4 77.0#



#56
Ethyl methacrylate
Concen: 3.460 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 69	Resp: 5258
Ion Ratio	Lower Upper
69 100	
41 60.7	42.2 63.4
39 22.5	20.2 30.4





#57

1,3-Dichloropropane

Concen: 4.168 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

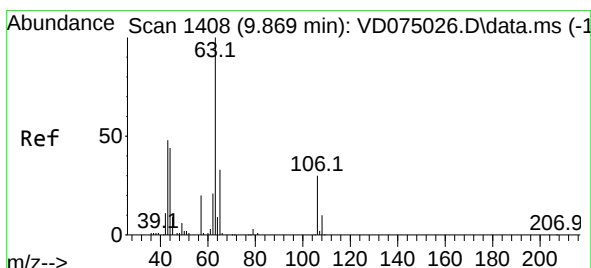
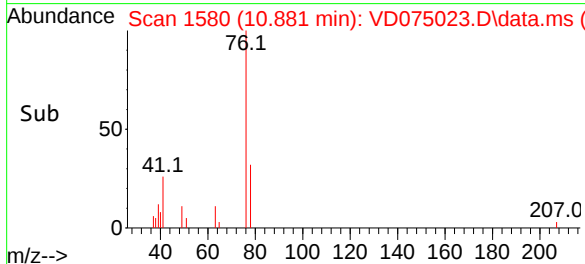
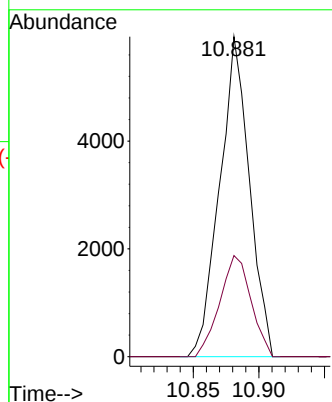
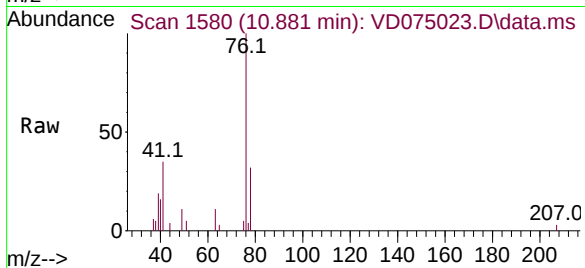
VSTDIC005

Tgt Ion: 76 Resp: 9363

Ion Ratio Lower Upper

76 100

78 33.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 22.402 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075023.D

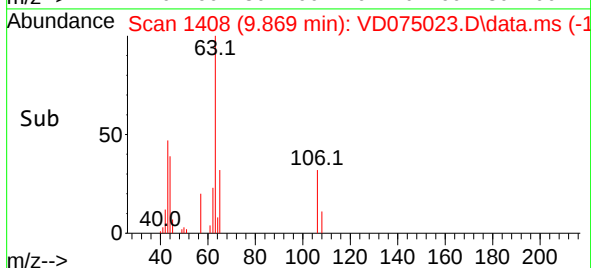
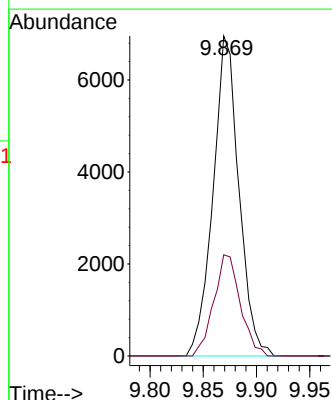
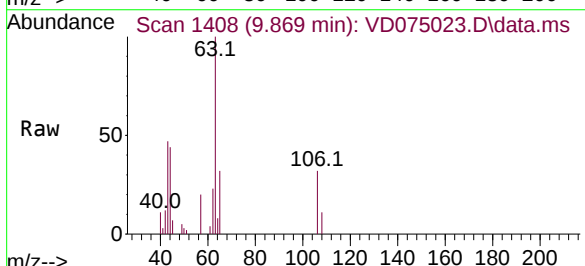
Acq: 15 Dec 2022 12:19

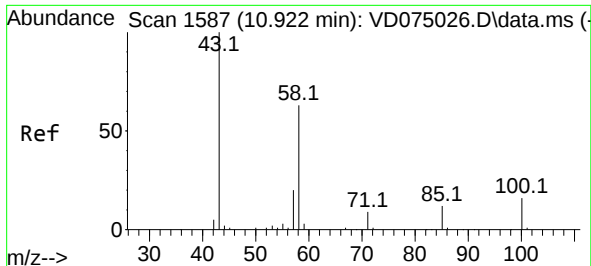
Tgt Ion: 63 Resp: 11715

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9





#59

2-Hexanone

Concen: 17.600 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

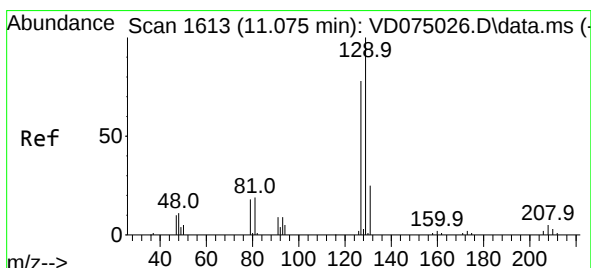
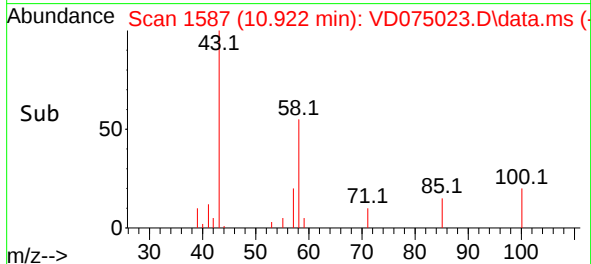
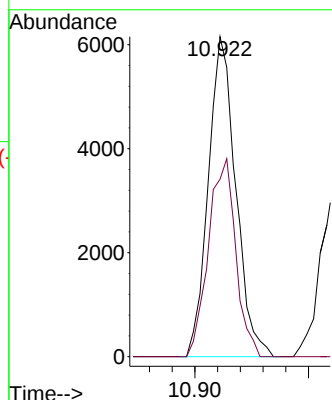
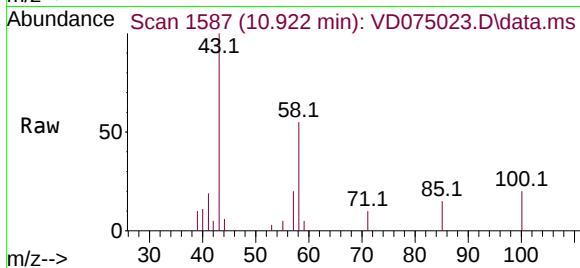
VSTDIC005

Tgt Ion: 43 Resp: 10328

Ion Ratio Lower Upper

43 100

58 61.3 30.8 92.4



#60

Dibromochloromethane

Concen: 4.138 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD075023.D

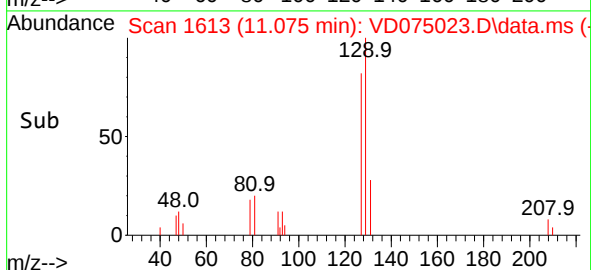
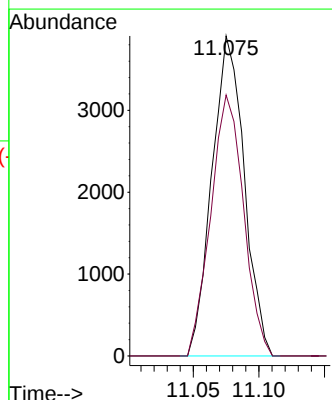
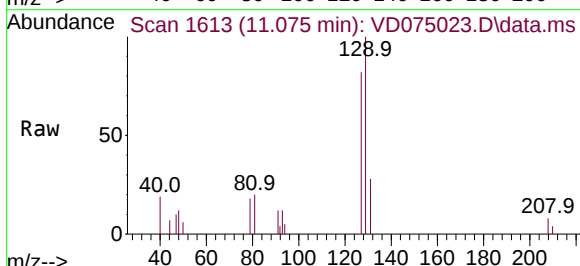
Acq: 15 Dec 2022 12:19

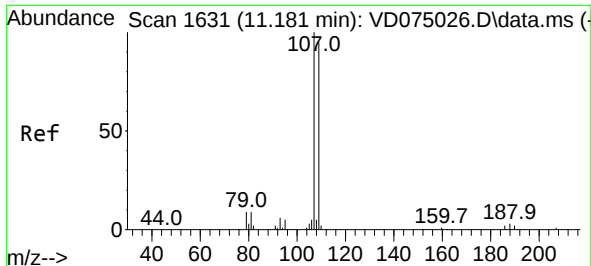
Tgt Ion: 129 Resp: 6692

Ion Ratio Lower Upper

129 100

127 82.7 38.8 116.3

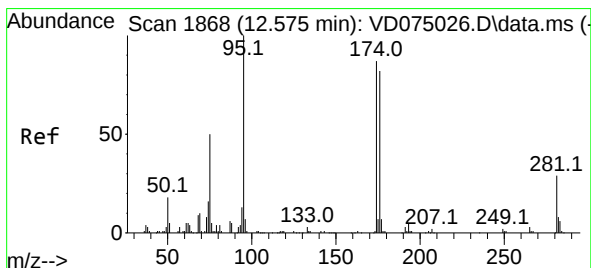
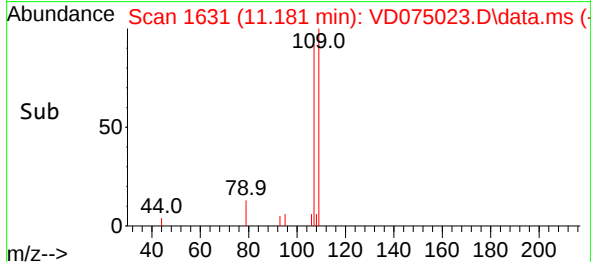
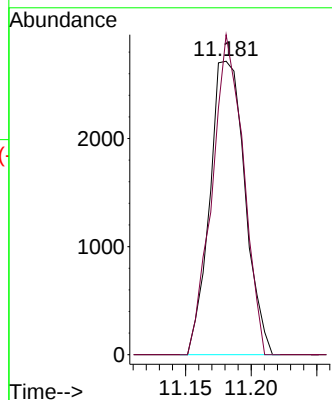
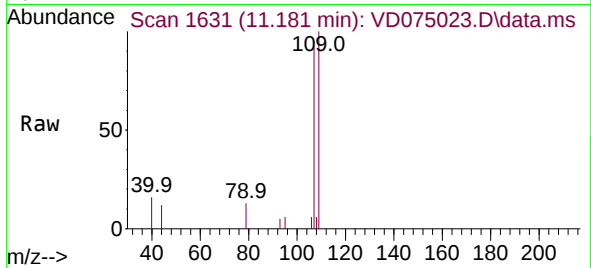




#61
1,2-Dibromoethane
Concen: 4.060 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

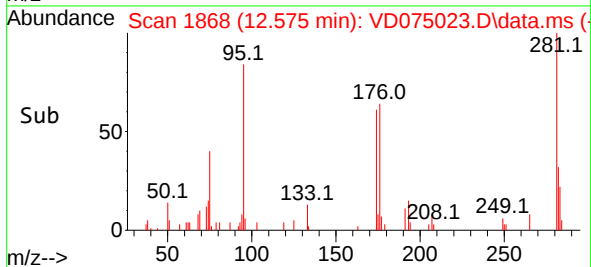
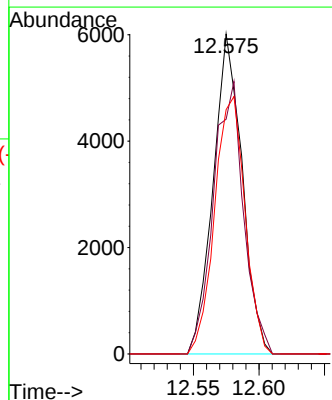
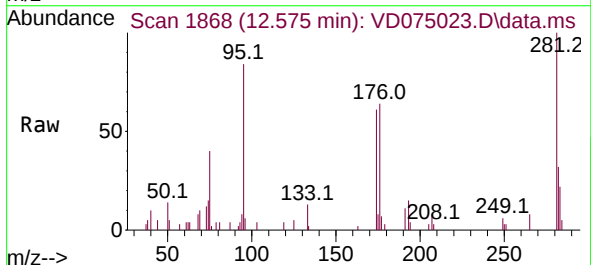
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

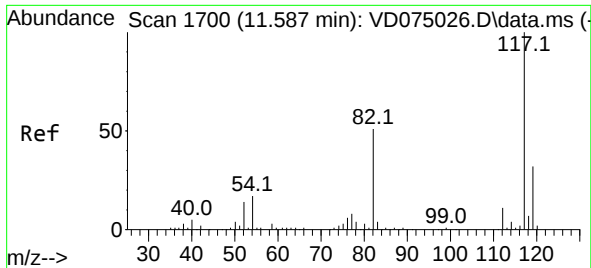
Tgt Ion:107 Resp: 5069
Ion Ratio Lower Upper
107 100
109 96.9 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 4.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 95 Resp: 9216
Ion Ratio Lower Upper
95 100
174 88.7 0.0 171.2
176 84.4 0.0 165.0

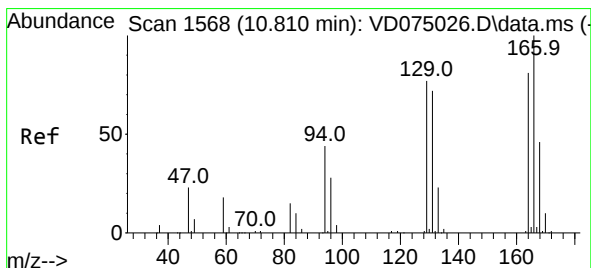
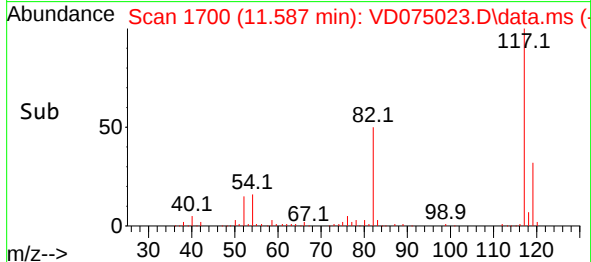
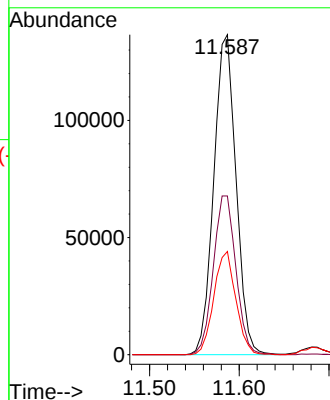
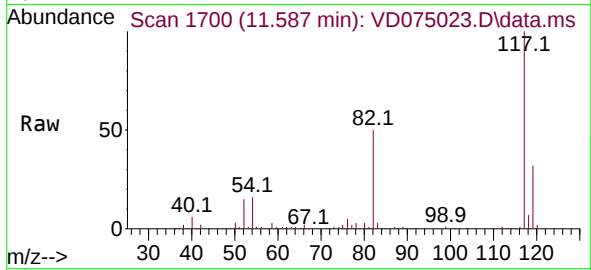




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

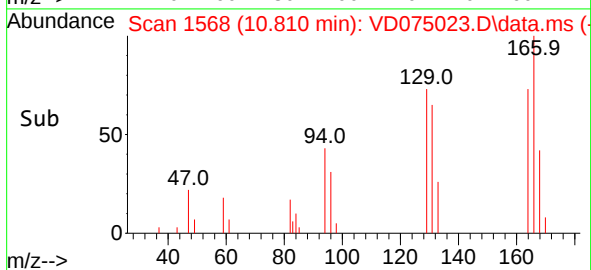
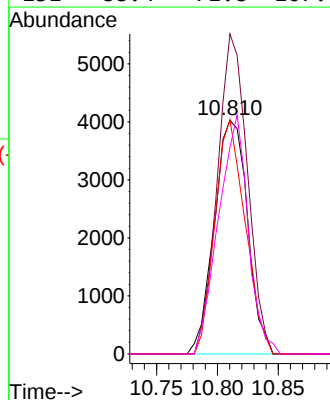
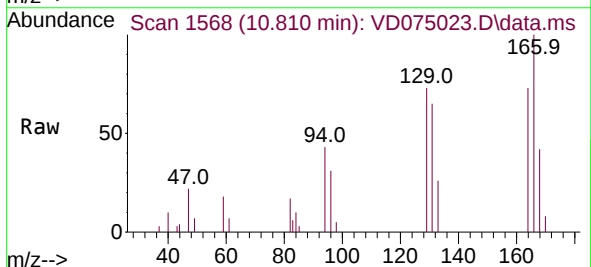
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

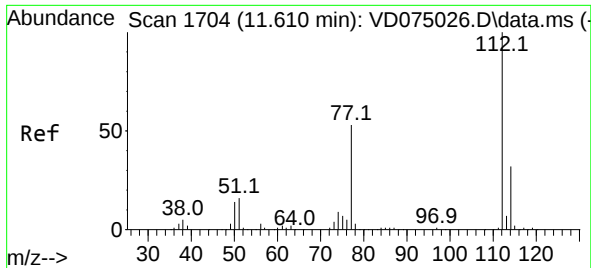
Tgt Ion:117 Resp: 235156
Ion Ratio Lower Upper
117 100
82 49.6 40.9 61.3
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 5.481 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:164 Resp: 7635
Ion Ratio Lower Upper
164 100
166 137.0 99.4 149.0
129 100.2 76.7 115.1
131 88.4 71.8 107.8

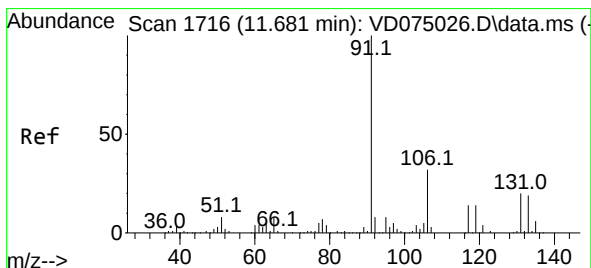
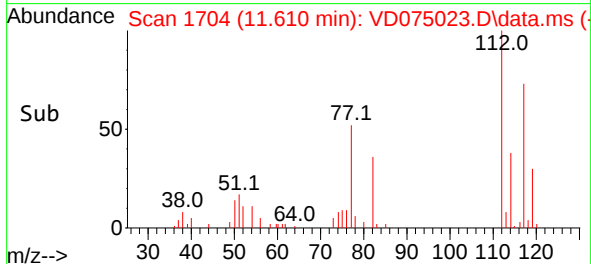
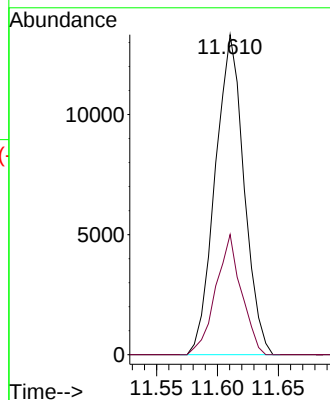
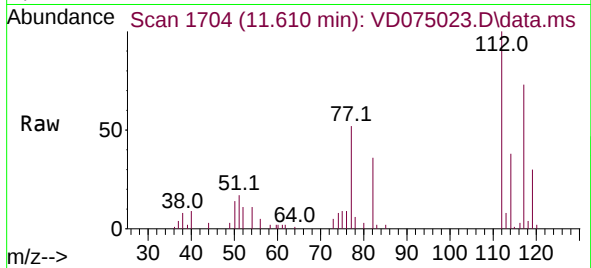




#65
Chlorobenzene
Concen: 5.134 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

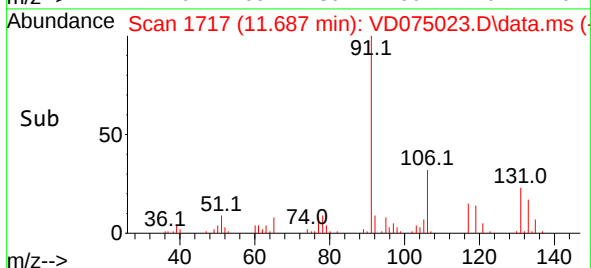
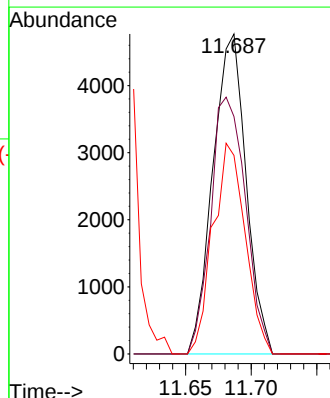
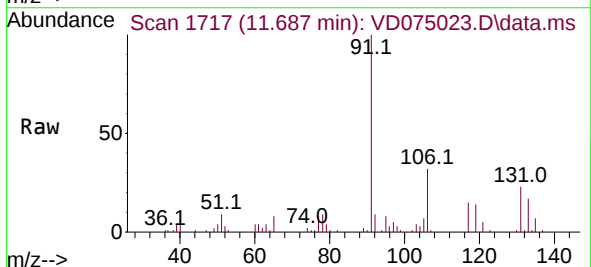
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

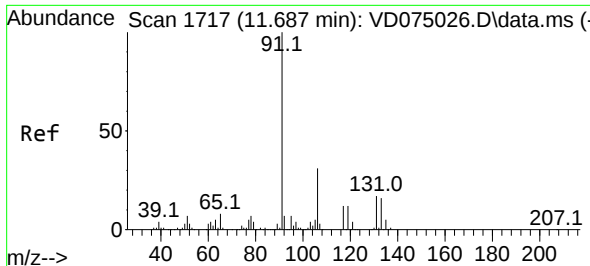
Tgt Ion:112 Resp: 21947
Ion Ratio Lower Upper
112 100
114 37.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.434 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:131 Resp: 8392
Ion Ratio Lower Upper
131 100
133 84.2 48.5 145.6
119 64.0 34.2 102.5

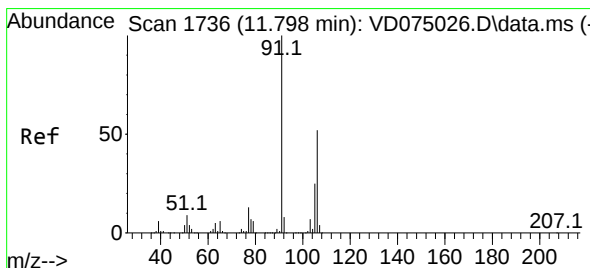
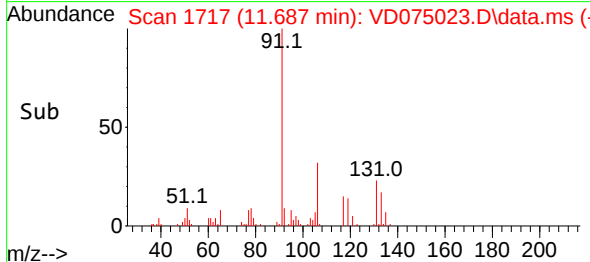
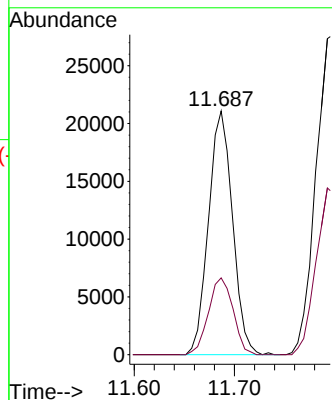
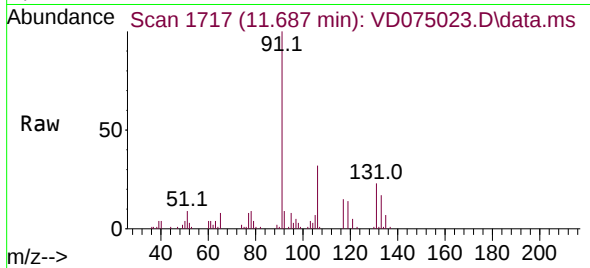




#67
Ethyl Benzene
Concen: 4.732 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

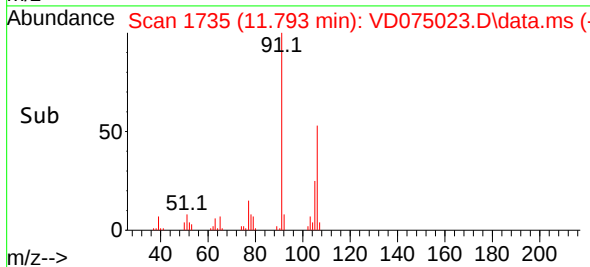
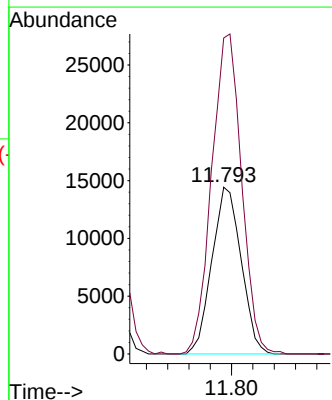
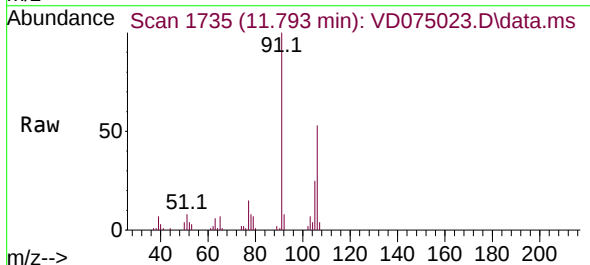
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

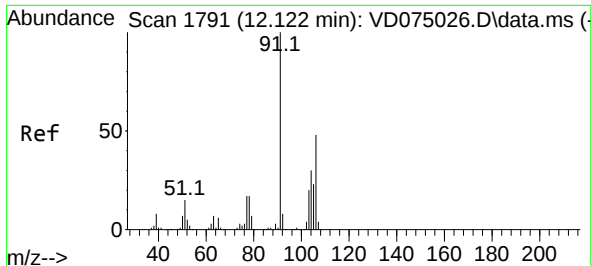
Tgt Ion: 91 Resp: 35158
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 9.382 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 106 Resp: 27514
Ion Ratio Lower Upper
106 100
91 196.0 156.3 234.5

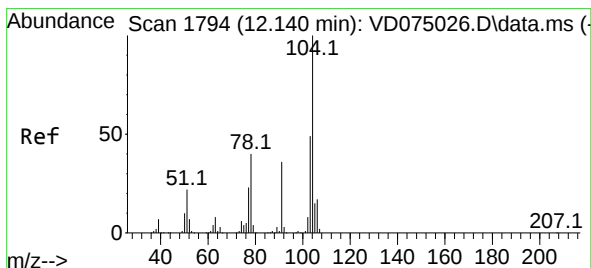
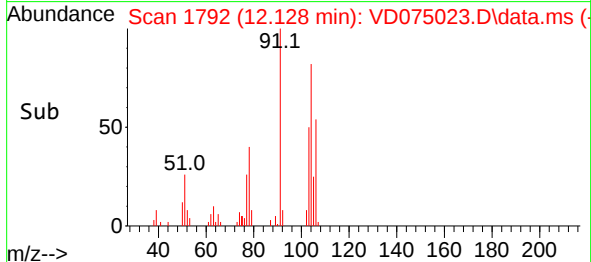
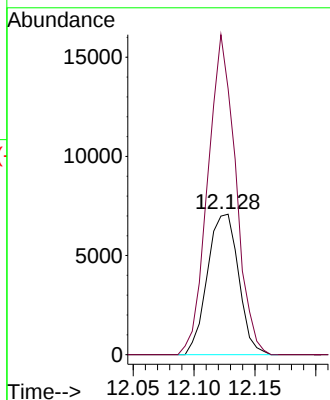
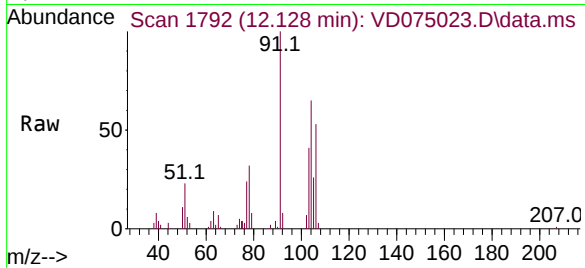




#69
o-Xylene
Concen: 4.613 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

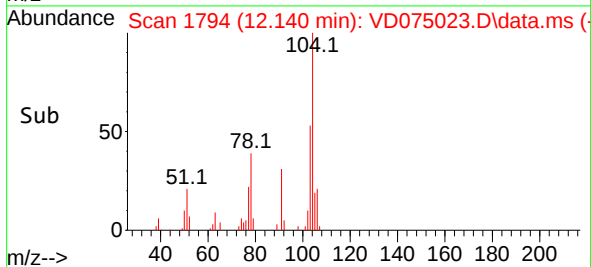
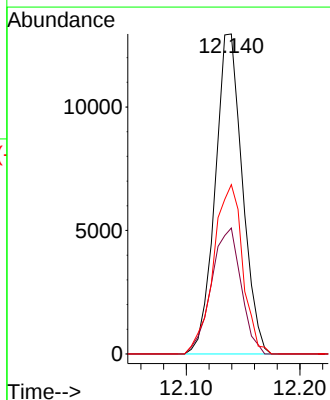
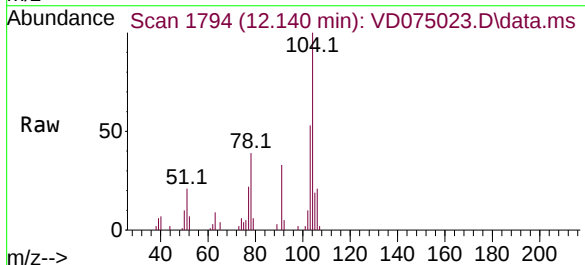
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

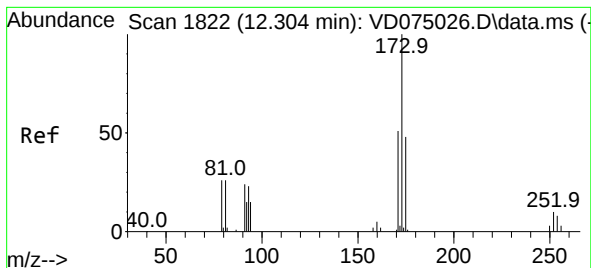
Tgt Ion:106 Resp: 12602
Ion Ratio Lower Upper
106 100
91 203.9 102.7 308.1



#70
Styrene
Concen: 4.558 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:104 Resp: 21577
Ion Ratio Lower Upper
104 100
78 42.8 35.5 53.3
103 56.6 43.9 65.9





#71

Bromoform

Concen: 5.254 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

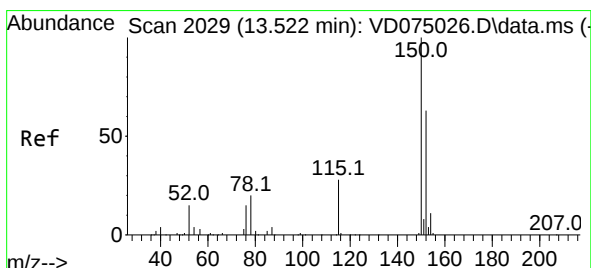
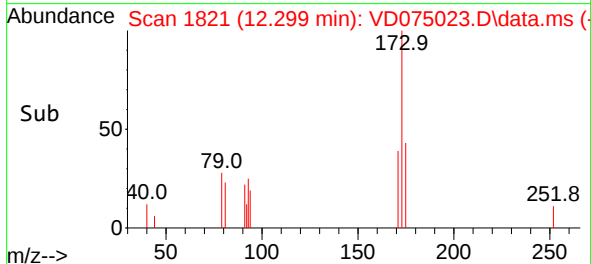
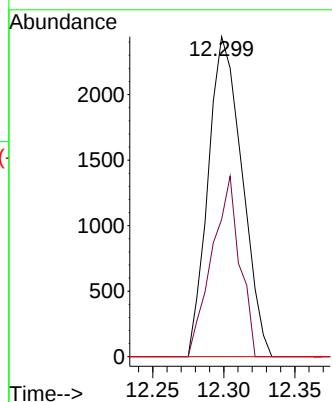
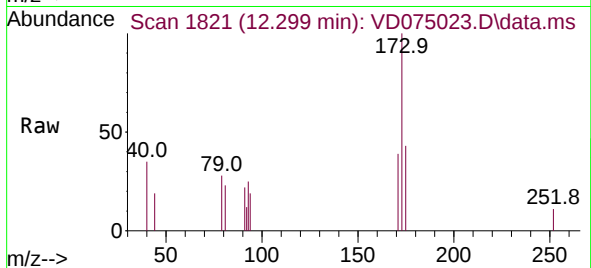
Tgt Ion:173 Resp: 4056

Ion Ratio Lower Upper

173 100

175 46.2 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

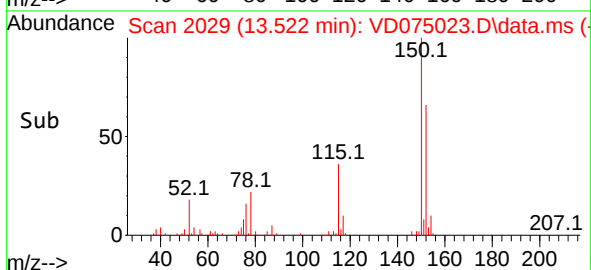
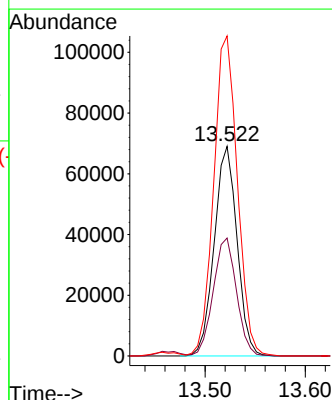
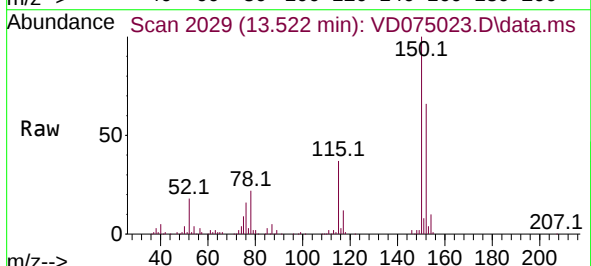
Tgt Ion:152 Resp: 109081

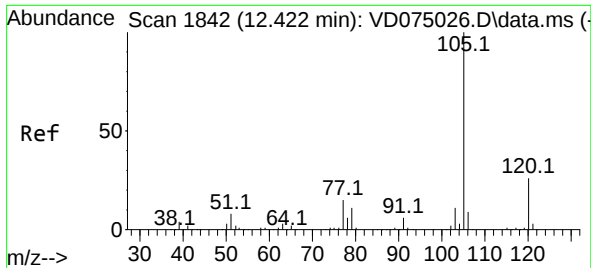
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 158.6 0.0 354.2

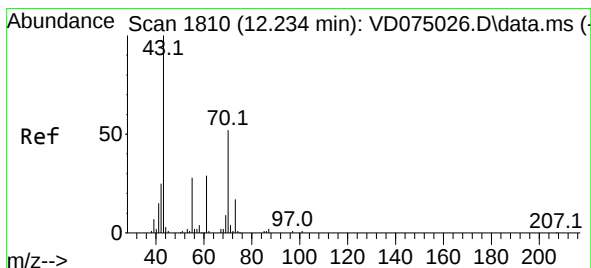
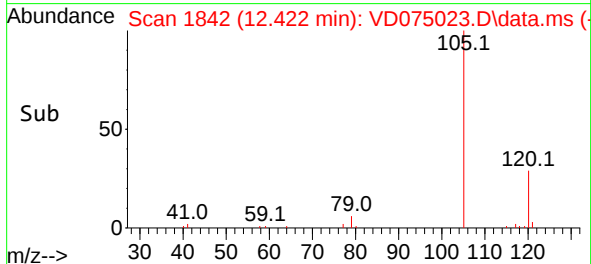
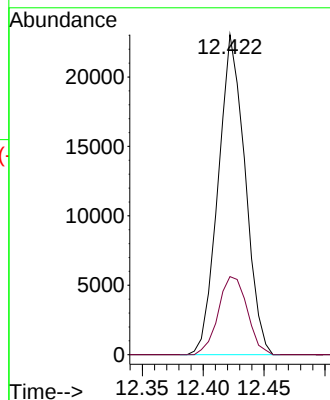
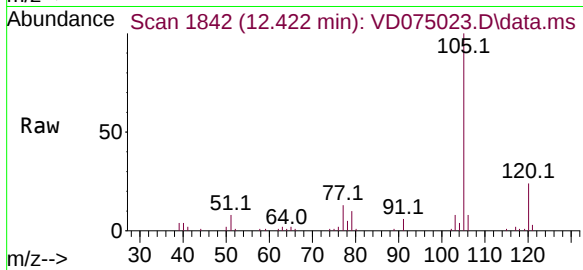




#73
Isopropylbenzene
Concen: 4.871 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

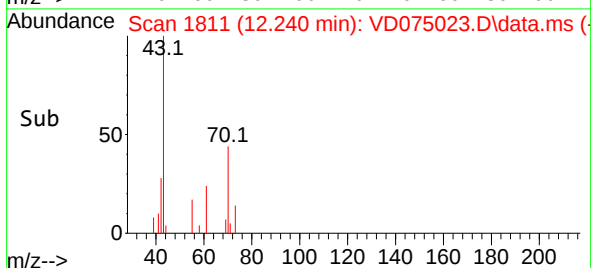
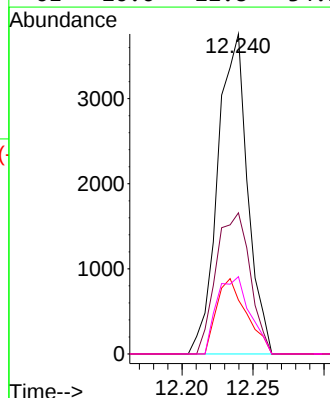
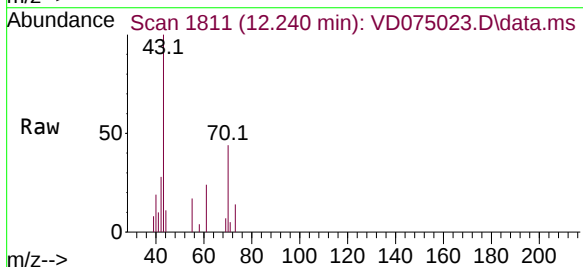
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

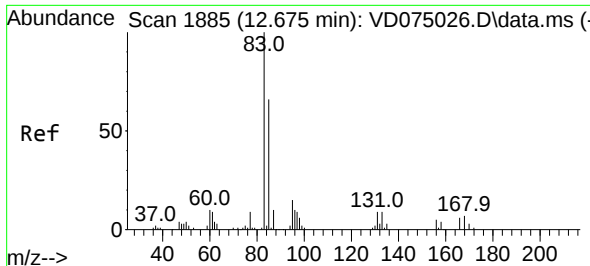
Tgt Ion:105 Resp: 35387
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.6



#74
N-ethyl acetate
Concen: 4.524 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 43 Resp: 5501
Ion Ratio Lower Upper
43 100
70 50.2 40.6 60.8
55 23.5 22.0 33.0
61 26.6 22.8 34.2

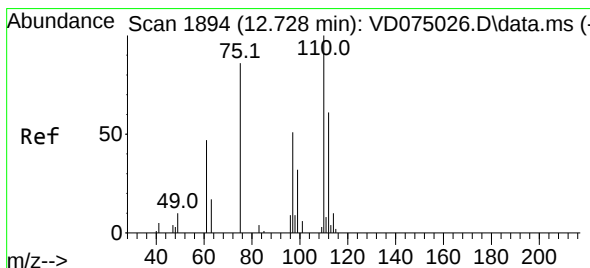
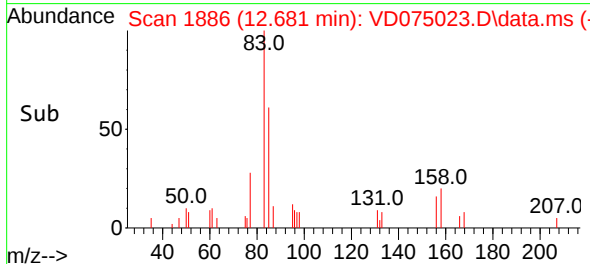
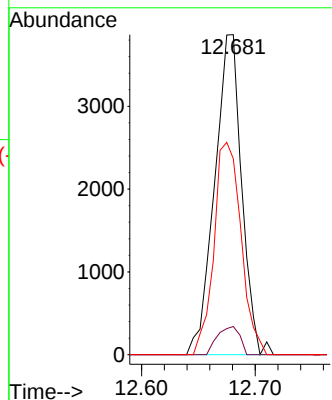
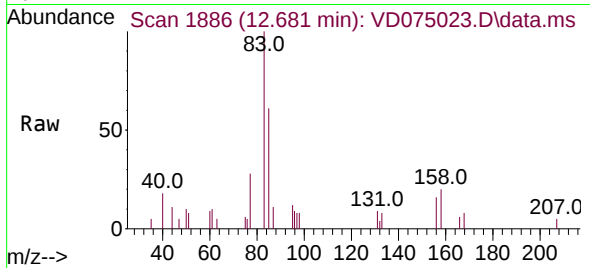




#75
1,1,2,2-Tetrachloroethane
Concen: 4.968 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

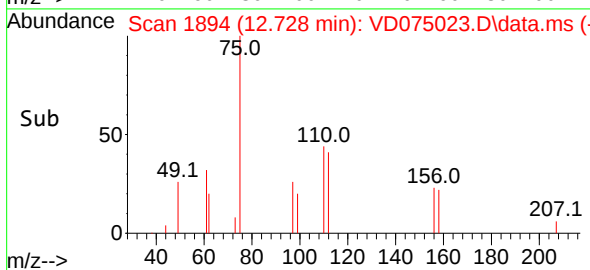
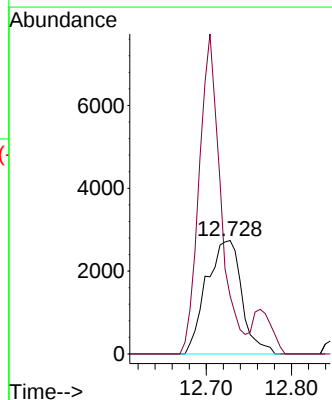
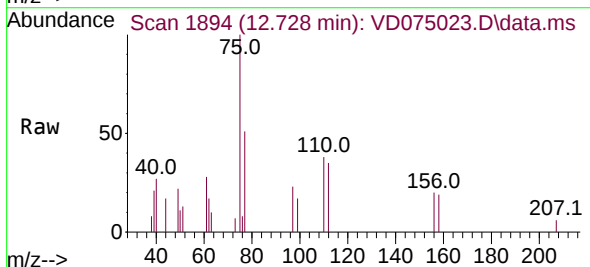
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

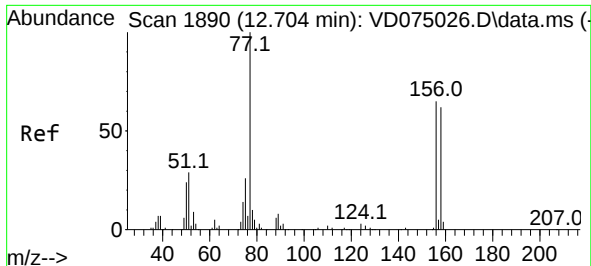
Tgt Ion: 83 Resp: 6402
Ion Ratio Lower Upper
83 100
131 7.3 4.9 14.6
85 66.5 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 8.657 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 75 Resp: 7866
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

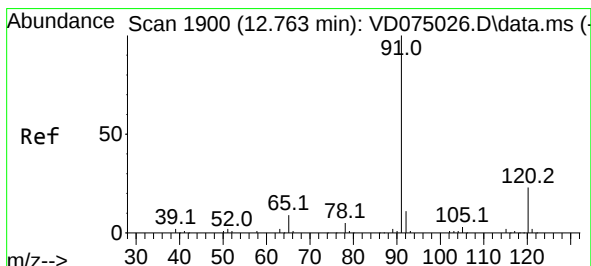
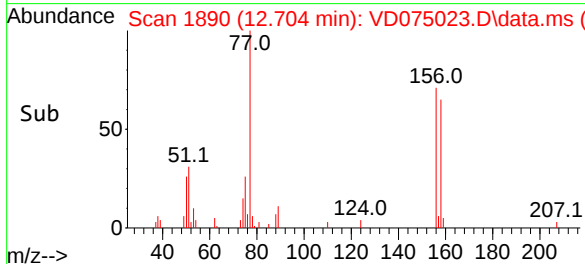
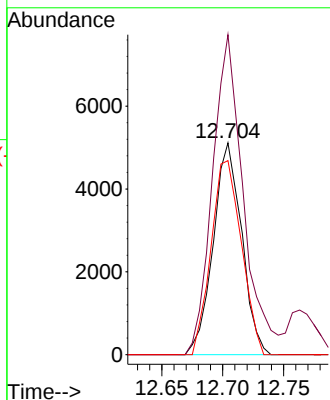
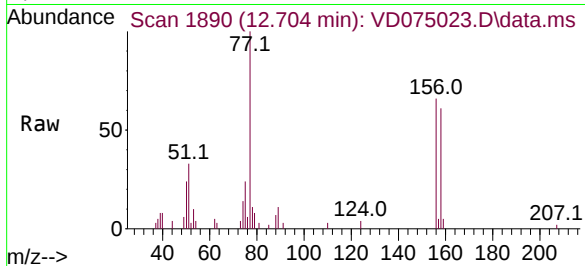




#77
Bromobenzene
Concen: 5.037 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

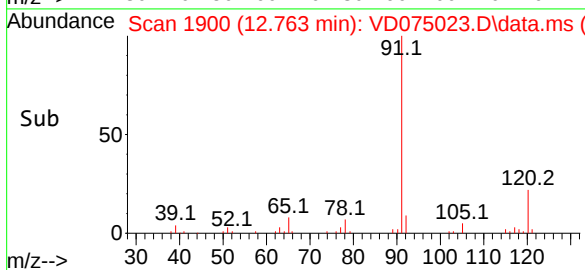
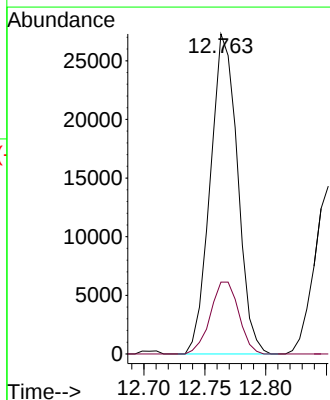
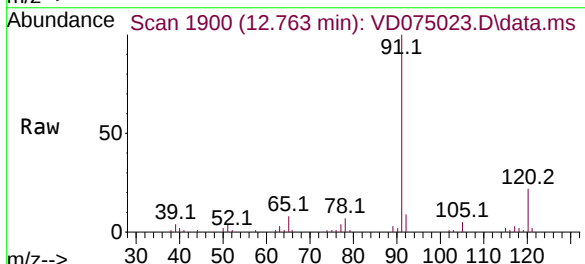
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

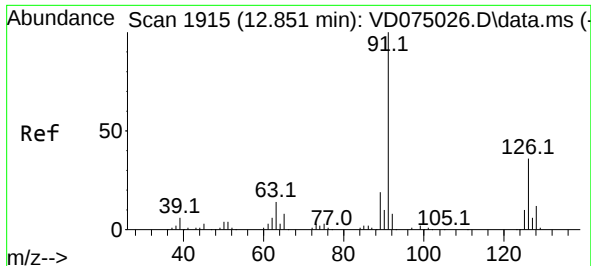
Tgt Ion:156 Resp: 8312
Ion Ratio Lower Upper
156 100
77 163.2 86.3 258.9
158 97.7 48.3 144.9



#78
n-propylbenzene
Concen: 4.810 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 91 Resp: 42523
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7

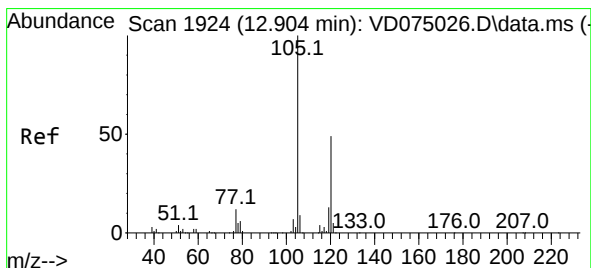
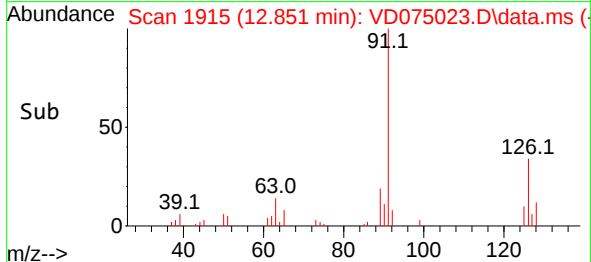
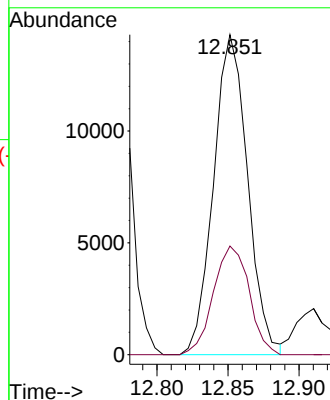
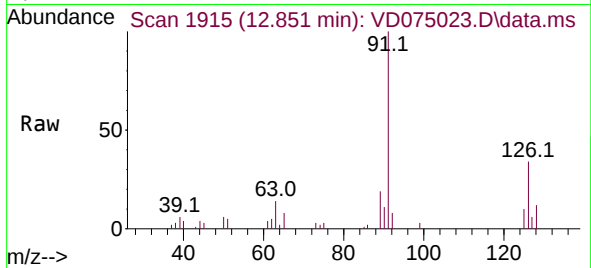




#79
2-Chlorotoluene
Concen: 4.934 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

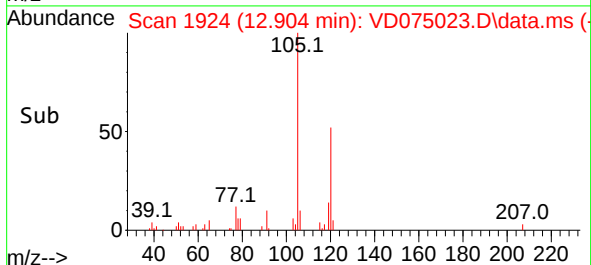
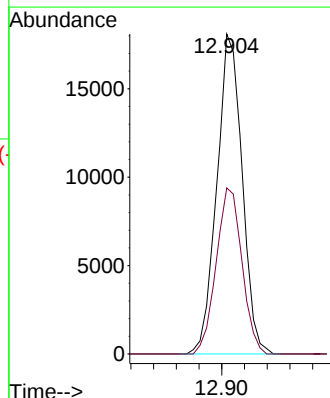
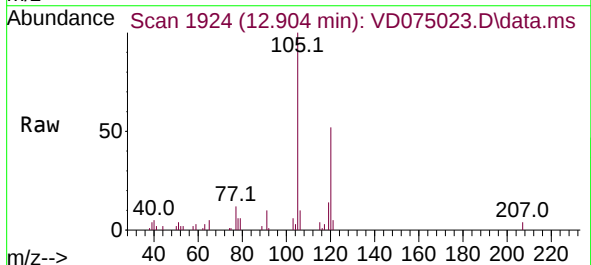
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

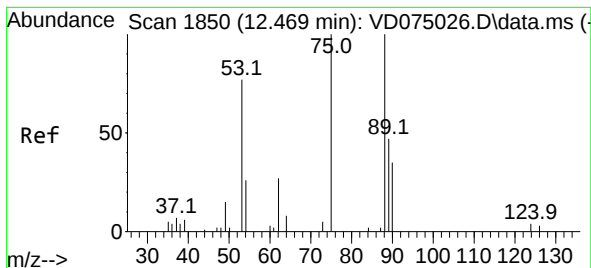
Tgt Ion: 91 Resp: 23886
Ion Ratio Lower Upper
91 100
126 35.5 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 4.663 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 105 Resp: 27941
Ion Ratio Lower Upper
105 100
120 52.9 25.1 75.3

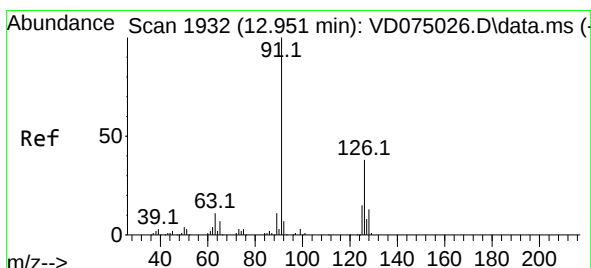
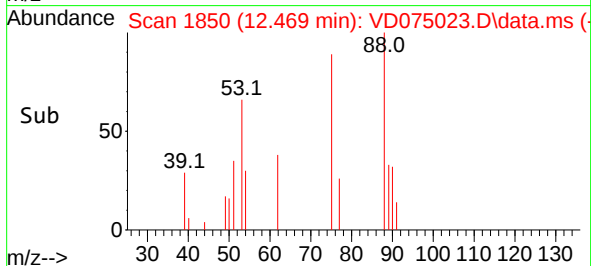
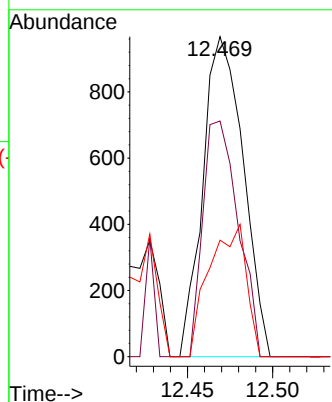
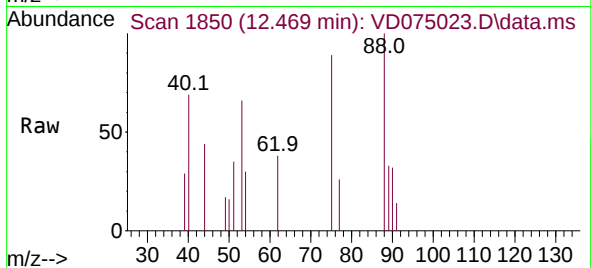




#81
trans-1,4-Dichloro-2-butene
Concen: 4.697 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

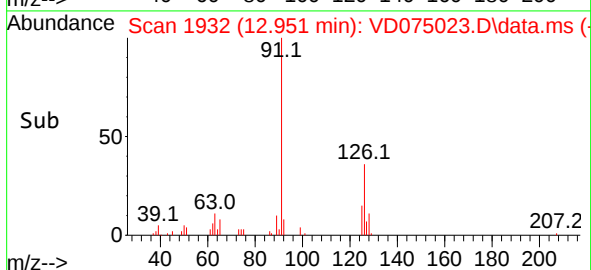
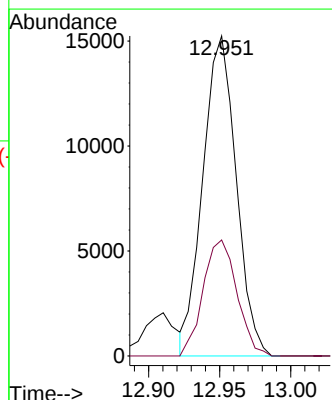
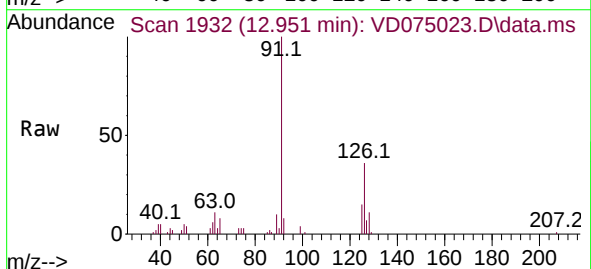
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

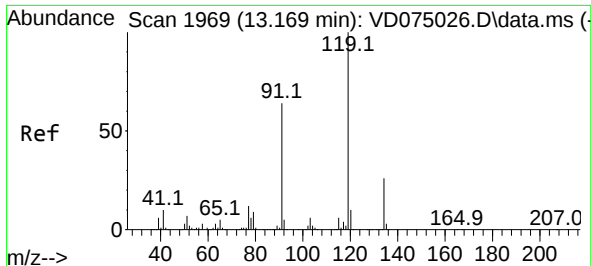
Tgt Ion: 75 Resp: 1597
Ion Ratio Lower Upper
75 100
53 64.5 60.0 90.0
89 37.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.931 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 91 Resp: 24870
Ion Ratio Lower Upper
91 100
126 36.8 18.1 54.1

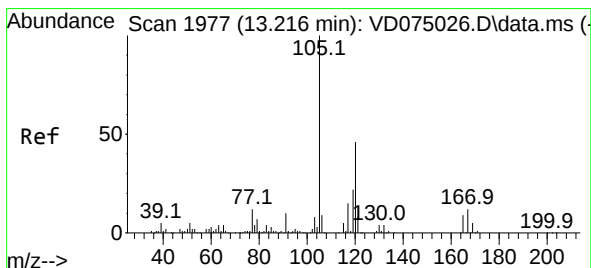
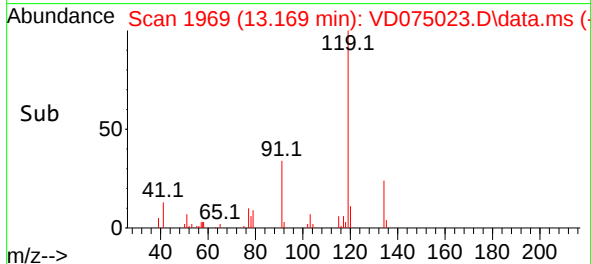
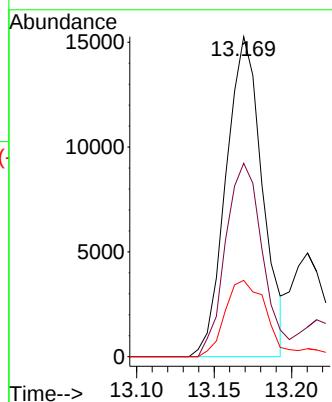
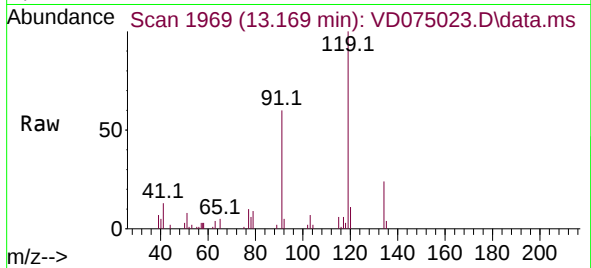




#83
tert-Butylbenzene
Concen: 4.809 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

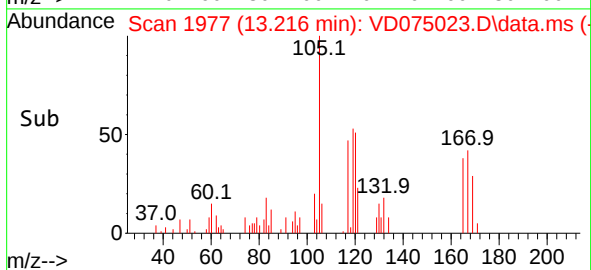
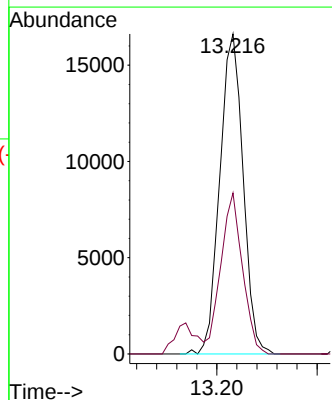
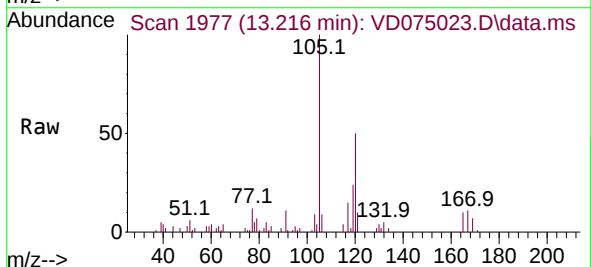
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

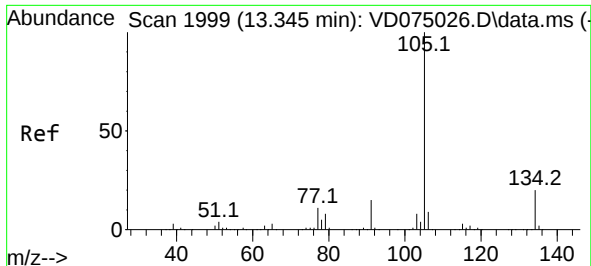
Tgt Ion:	119	Resp:	24931
Ion	Ratio	Lower	Upper
119	100		
91	61.9	31.2	93.6
134	26.8	13.8	41.3



#84
1,2,4-Trimethylbenzene
Concen: 4.535 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:	105	Resp:	26781
Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.1	69.3

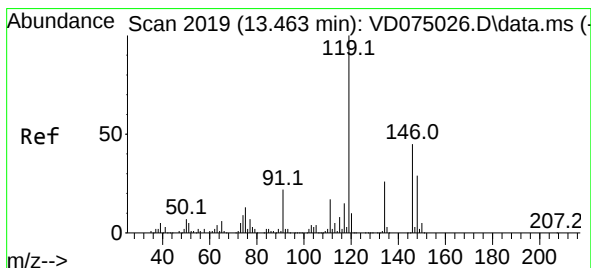
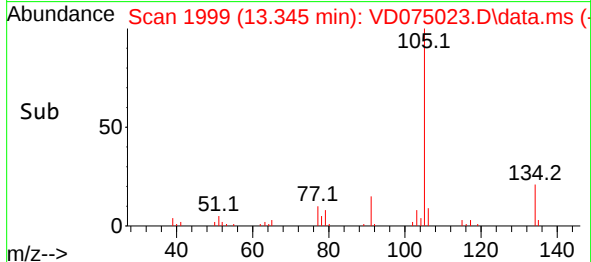
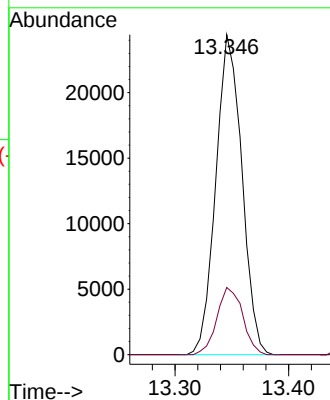
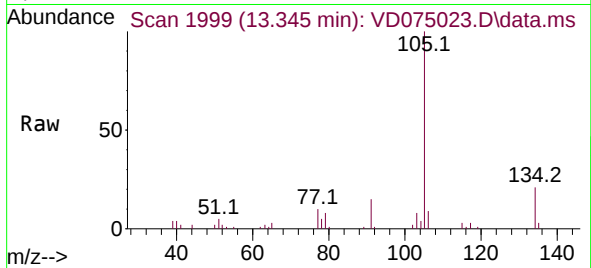




#85
 sec-Butylbenzene
 Concen: 4.828 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

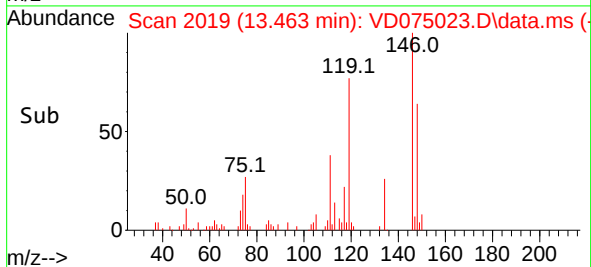
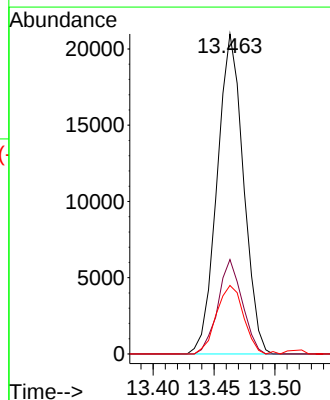
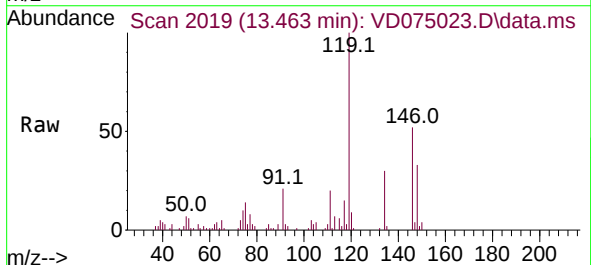
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

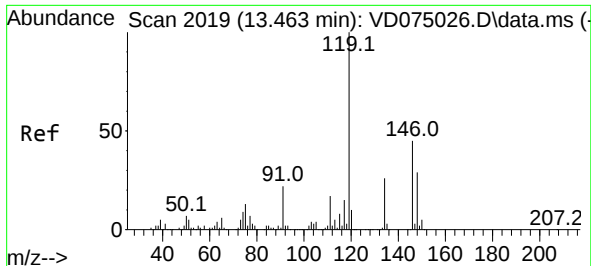
Tgt Ion:105 Resp: 38897
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.721 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075023.D
 Acq: 15 Dec 2022 12:19

Tgt Ion:119 Resp: 31561
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 21.9 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 5.106 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

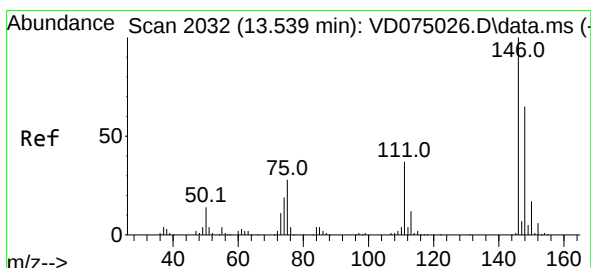
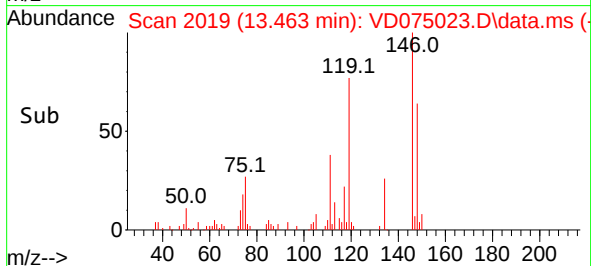
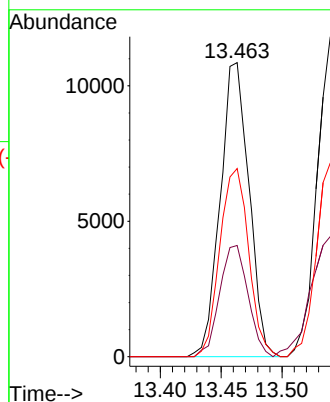
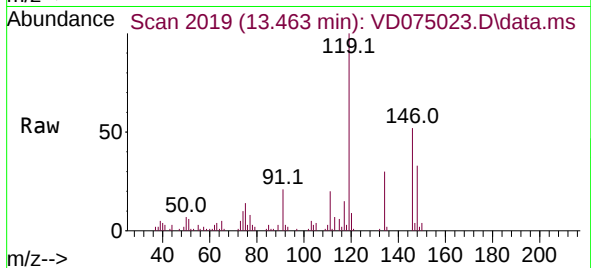
Tgt Ion:146 Resp: 17844

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.5

148 64.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 5.370 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

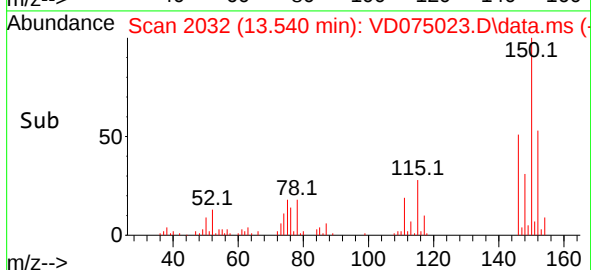
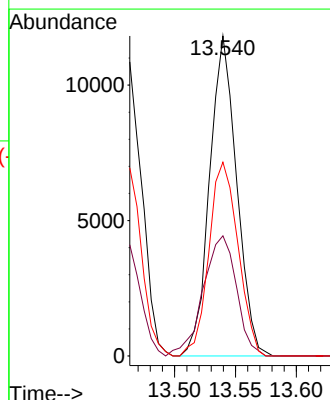
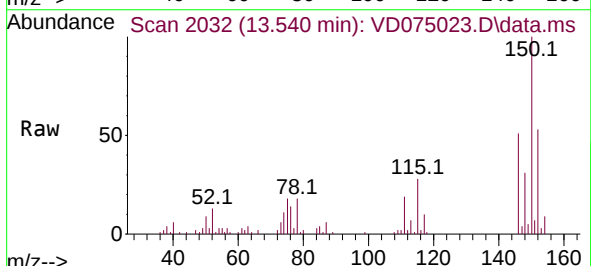
Tgt Ion:146 Resp: 18311

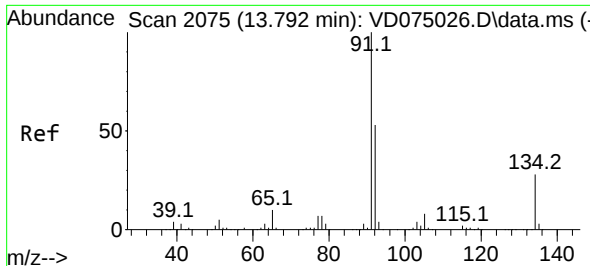
Ion Ratio Lower Upper

146 100

111 46.0 18.6 55.6

148 65.2 32.0 96.2

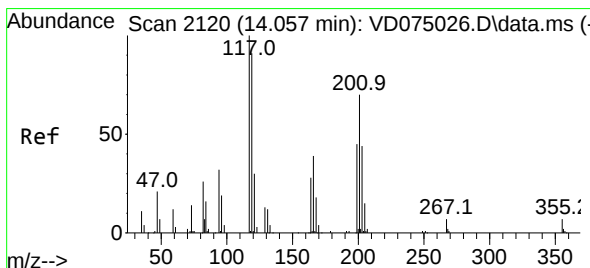
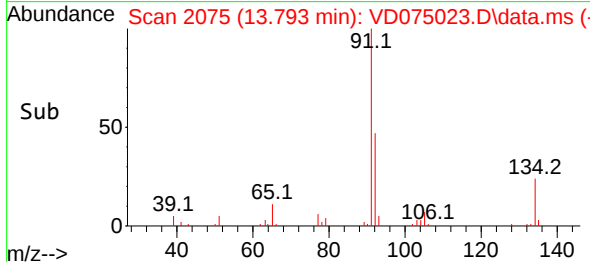
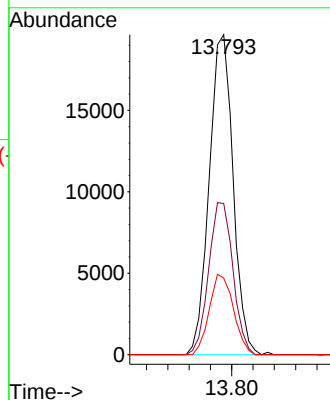
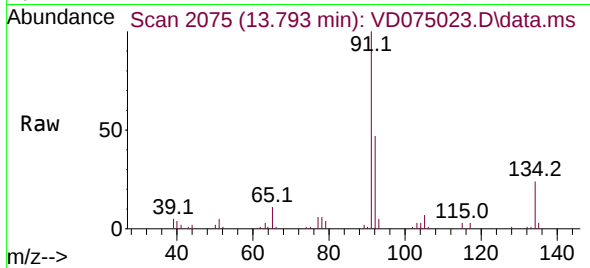




#89
n-Butylbenzene
Concen: 4.877 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

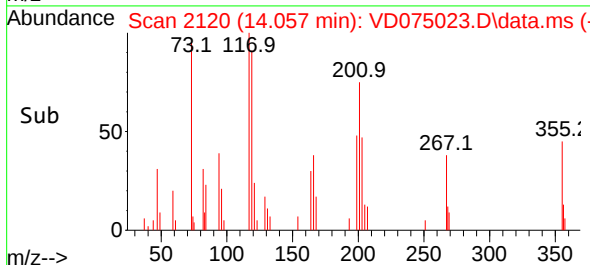
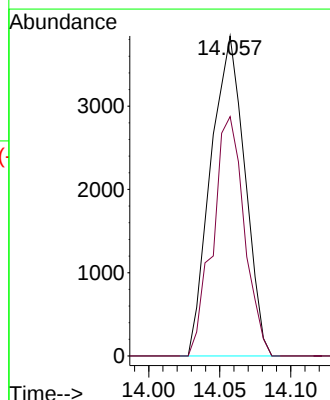
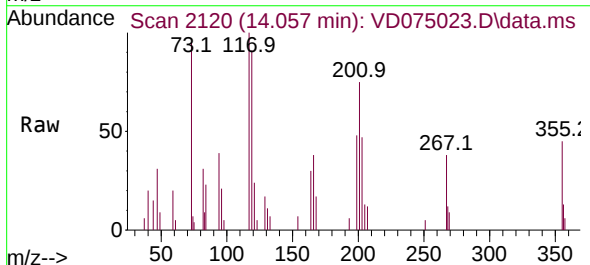
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

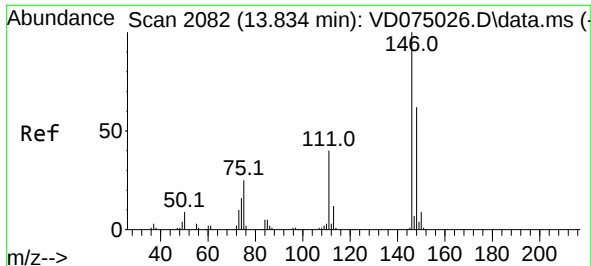
Tgt Ion: 91	Resp:	30534
Ion Ratio	Lower	Upper
91	100	
92	48.4	26.8 80.3
134	25.4	13.3 39.8



#90
Hexachloroethane
Concen: 5.302 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion: 117	Resp:	6406
Ion Ratio	Lower	Upper
117	100	
201	69.2	35.1 105.3





#91

1,2-Dichlorobenzene

Concen: 5.043 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

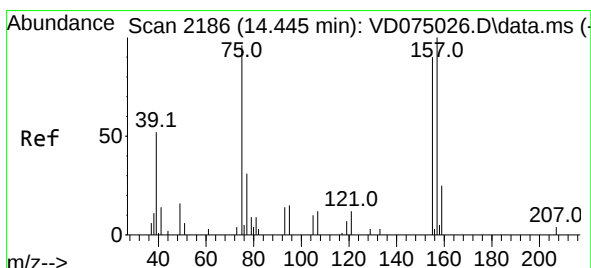
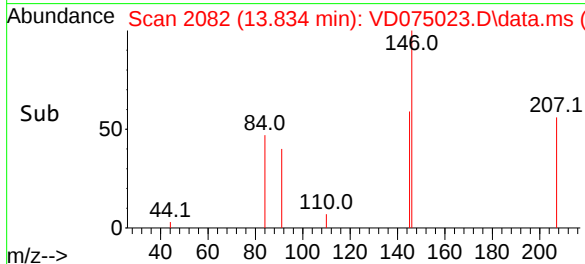
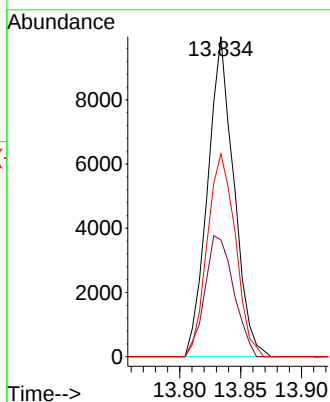
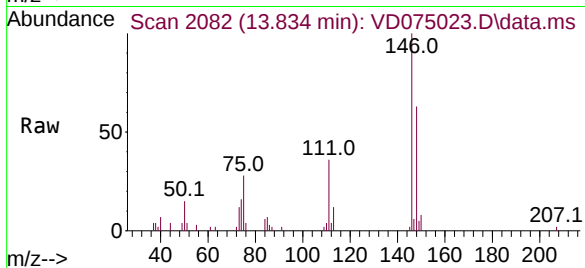
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	146	Resp:	14955
Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.9	59.7
148	67.8	31.9	95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.769 ug/l

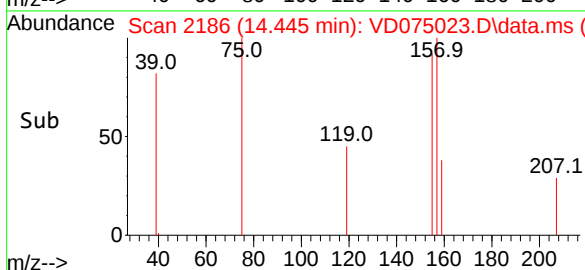
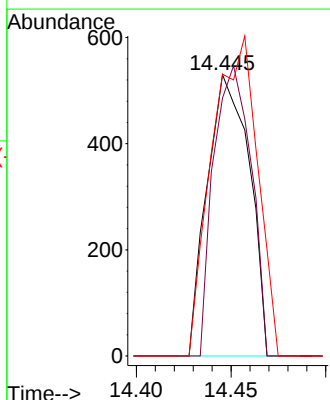
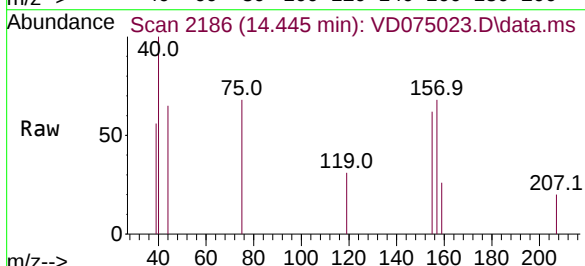
RT: 14.445 min Scan# 2186

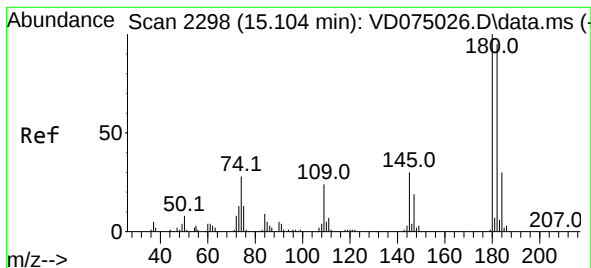
Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Tgt Ion:	75	Resp:	818
Ion	Ratio	Lower	Upper
75	100		
155	91.7	47.1	141.4
157	122.5	56.7	170.1





#93

1,2,4-Trichlorobenzene

Concen: 5.165 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

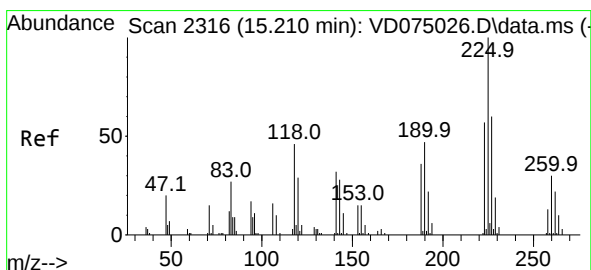
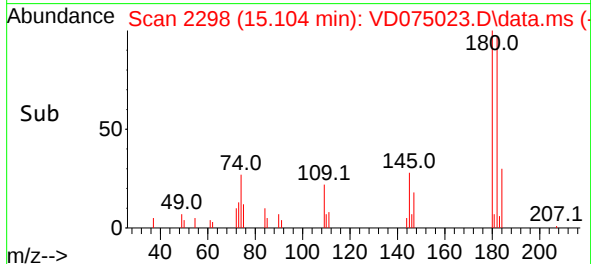
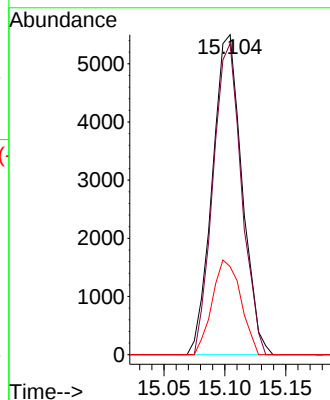
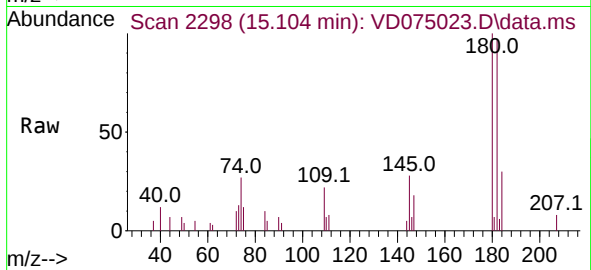
Tgt Ion:180 Resp: 9330

Ion Ratio Lower Upper

180 100

182 93.0 48.5 145.5

145 28.4 14.9 44.5



#94

Hexachlorobutadiene

Concen: 5.387 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.000 min

Lab File: VD075023.D

Acq: 15 Dec 2022 12:19

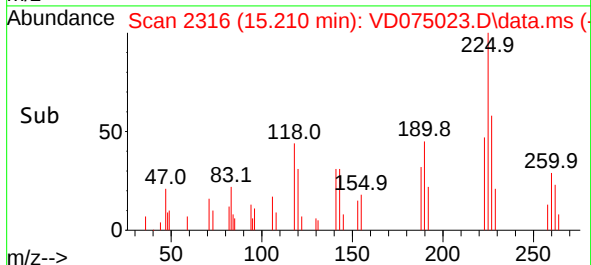
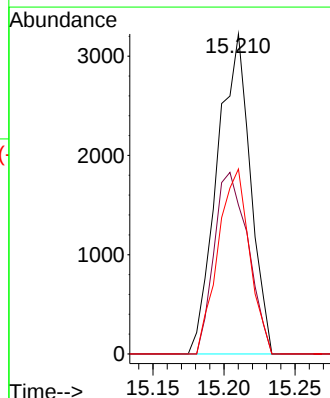
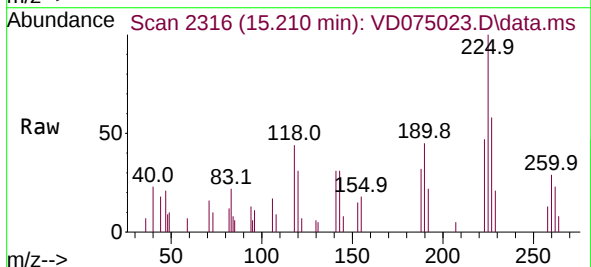
Tgt Ion:225 Resp: 5227

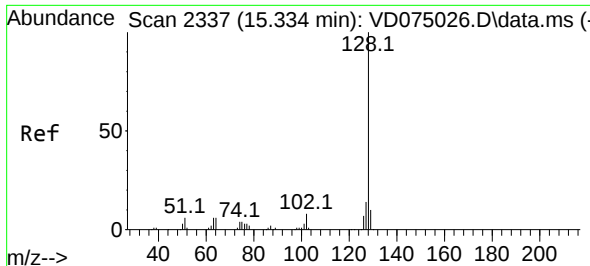
Ion Ratio Lower Upper

225 100

223 58.2 31.0 93.0

227 55.0 31.0 93.0

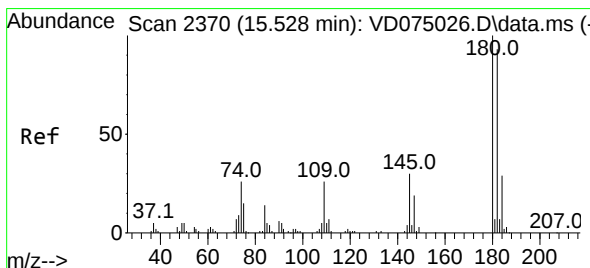
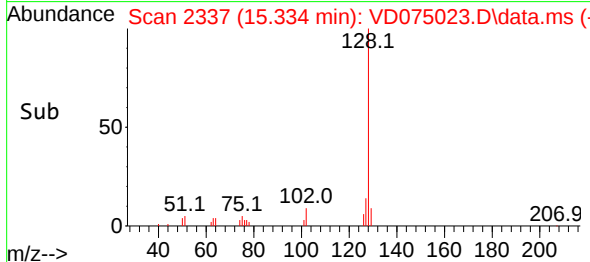
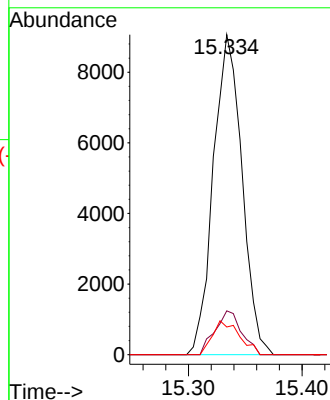
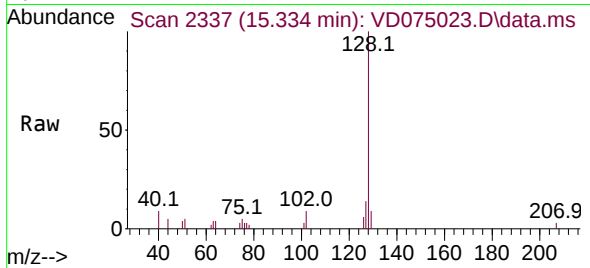




#95
Naphthalene
Concen: 4.756 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	15871
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.724 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD075023.D
Acq: 15 Dec 2022 12:19

Tgt Ion:	180	Resp:	7379
Ion	Ratio	Lower	Upper
180	100		
182	97.0	46.3	138.9
145	31.3	15.3	45.9

