

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100522\
 Data File : VD074452.D
 Acq On : 05 Oct 2022 14:18
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 06 01:24:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:15:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	181420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	166365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17589	18.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.640%#
35) Dibromofluoromethane	7.804	113	27430	20.620	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.240%#
50) Toluene-d8	10.269	98	65280	15.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	30.960%#
62) 4-Bromofluorobenzene	12.569	95	40212	24.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	48.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	16552	18.099	ug/l	98
3) Chloromethane	2.140	50	25574	26.736	ug/l	97
4) Vinyl Chloride	2.275	62	21384	25.596	ug/l	96
5) Bromomethane	2.664	94	11576	19.082	ug/l	98
6) Chloroethane	2.828	64	14081	25.212	ug/l	100
7) Trichlorofluoromethane	3.169	101	35024	19.673	ug/l	96
8) Diethyl Ether	3.593	74	11152	21.132	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	22875	19.237	ug/l	98
10) Methyl Iodide	4.158	142	22019	20.154	ug/l	99
11) Tert butyl alcohol	5.022	59	14873	86.992	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	23923	20.895	ug/l	96
13) Acrolein	3.805	56	6713	102.844	ug/l	95
14) Allyl chloride	4.552	41	28388	23.588	ug/l	97
15) Acrylonitrile	5.252	53	21749	98.887	ug/l	98
16) Acetone	4.022	43	16915	87.363	ug/l	99
17) Carbon Disulfide	4.263	76	77138	27.317	ug/l	99
18) Methyl Acetate	4.558	43	10943	18.602	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	47687	19.842	ug/l #	91
20) Methylene Chloride	4.799	84	34511	19.587	ug/l #	87
21) trans-1,2-Dichloroethene	5.305	96	27432	22.513	ug/l	92
22) Diisopropyl ether	6.216	45	57776	21.594	ug/l	95
23) Vinyl Acetate	6.157	43	103827	89.366	ug/l	99
24) 1,1-Dichloroethane	6.110	63	41980	20.967	ug/l	97
25) 2-Butanone	7.081	43	24058	94.644	ug/l	99
26) 2,2-Dichloropropane	7.069	77	35576	19.308	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	29022	20.646	ug/l	96
28) Bromochloromethane	7.416	49	12714	20.251	ug/l	85
29) Tetrahydrofuran	7.440	42	14799	105.023	ug/l	95
30) Chloroform	7.593	83	43754	19.857	ug/l	99
31) Cyclohexane	7.875	56	35917	22.016	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	37044	19.528	ug/l	97
36) 1,1-Dichloropropene	8.004	75	33625	20.317	ug/l	98
37) Ethyl Acetate	7.169	43	10731	19.695	ug/l	98
38) Carbon Tetrachloride	7.987	117	28735	18.377	ug/l	89
39) Methylcyclohexane	9.275	83	39879	19.939	ug/l	95
40) Benzene	8.252	78	95160	19.530	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	6604	20.762	ug/l #	85
42) 1,2-Dichloroethane	8.322	62	22249	18.318	ug/l	97
43) Isopropyl Acetate	8.363	43	19732	18.633	ug/l	95
44) Trichloroethene	9.028	130	26813	18.244	ug/l	97
45) 1,2-Dichloropropane	9.304	63	22077	19.201	ug/l	95
46) Dibromomethane	9.399	93	12076	17.854	ug/l	91
47) Bromodichloromethane	9.581	83	29741	17.187	ug/l	96
48) Methyl methacrylate	9.381	41	8998	19.051	ug/l	95
49) 1,4-Dioxane	9.393	88	2690	411.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	50406	92.348	ug/l	94
52) Toluene	10.334	92	59820	18.917	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	27184	18.424	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	34125	18.338	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	17000	18.143	ug/l	98
56) Ethyl methacrylate	10.598	69	18571	17.467	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	27804	17.981	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	14825	83.365	ug/l	94
59) 2-Hexanone	10.922	43	33221	88.942	ug/l	99
60) Dibromochloromethane	11.075	129	20412	17.518	ug/l	98
61) 1,2-Dibromoethane	11.175	107	15873	17.384	ug/l	96
64) Tetrachloroethene	10.804	164	21147	16.503	ug/l	93
65) Chlorobenzene	11.604	112	64595	18.154	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	21629	17.040	ug/l	98
67) Ethyl Benzene	11.681	91	115069	18.292	ug/l	100
68) m/p-Xylenes	11.787	106	91636	37.117	ug/l	99
69) o-Xylene	12.116	106	42769	18.769	ug/l	98
70) Styrene	12.134	104	73010	18.416	ug/l	100
71) Bromoform	12.292	173	11098	15.996	ug/l #	97
73) Isopropylbenzene	12.416	105	111908	19.008	ug/l	99
74) N-amyl acetate	12.228	43	18366	19.431	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	18466	18.054	ug/l	97
76) 1,2,3-Trichloropropane	12.716	75	20990	34.036	ug/l	22
77) Bromobenzene	12.698	156	25323	18.333	ug/l	96
78) n-propylbenzene	12.757	91	136942	19.249	ug/l	99
79) 2-Chlorotoluene	12.845	91	73658	19.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	94641	19.386	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	4753	18.144	ug/l	93
82) 4-Chlorotoluene	12.945	91	75940	19.355	ug/l	97
83) tert-Butylbenzene	13.163	119	78583	17.923	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	92716	19.137	ug/l	99
85) sec-Butylbenzene	13.339	105	124344	18.866	ug/l	100
86) p-Isopropyltoluene	13.457	119	101382	18.479	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	52140	18.344	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	50549	17.844	ug/l	96
89) n-Butylbenzene	13.781	91	95324	18.640	ug/l	98
90) Hexachloroethane	14.045	117	17187	17.654	ug/l	91
91) 1,2-Dichlorobenzene	13.822	146	43954	17.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2704	21.025	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	27396	16.468	ug/l	98
94) Hexachlorobutadiene	15.198	225	14391	15.877	ug/l	97
95) Naphthalene	15.328	128	52128	17.115	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	23565	16.554	ug/l	97

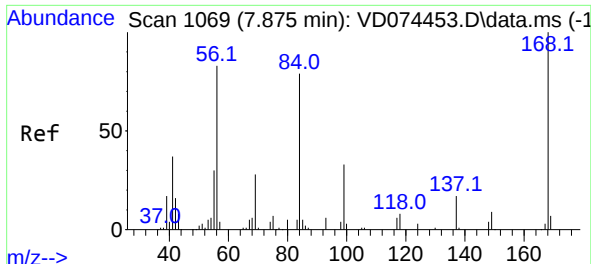
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Response via : Initial Calibration

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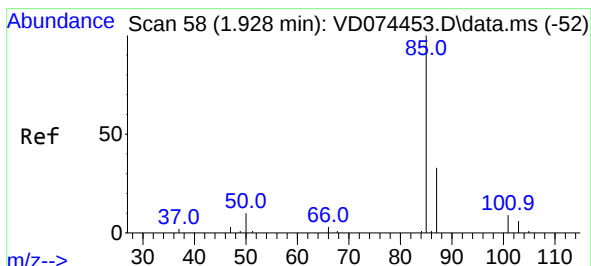
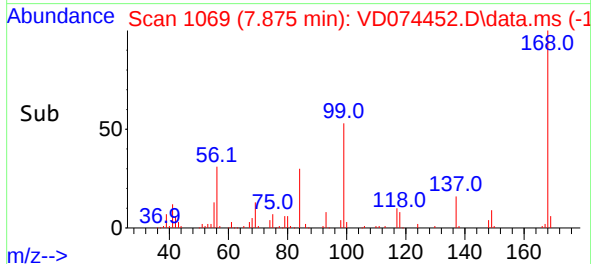
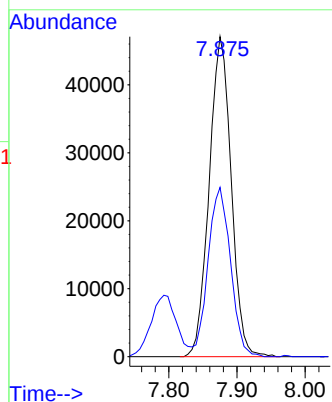
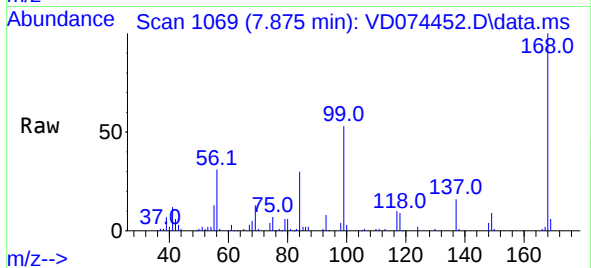
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

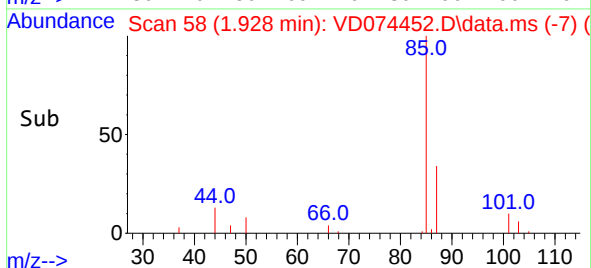
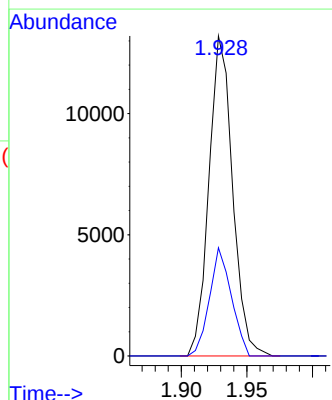
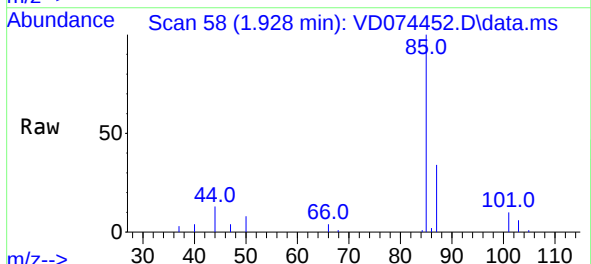
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:168 Resp: 106080
Ion Ratio Lower Upper
168 100
99 52.9 40.9 61.3

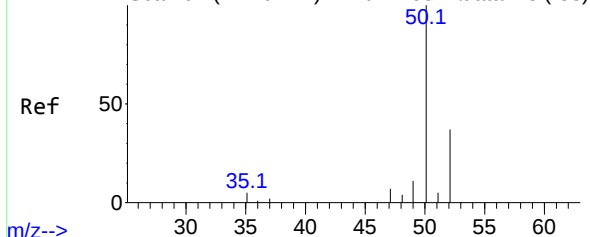


#2
Dichlorodifluoromethane
Concen: 18.099 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 85 Resp: 16552
Ion Ratio Lower Upper
85 100
87 33.8 17.5 52.6



Abundance Scan 94 (2.140 min): VD074453.D\data.ms (-88)



#3

Chloromethane

Concen: 26.736 ug/l

RT: 2.140 min Scan# 94

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

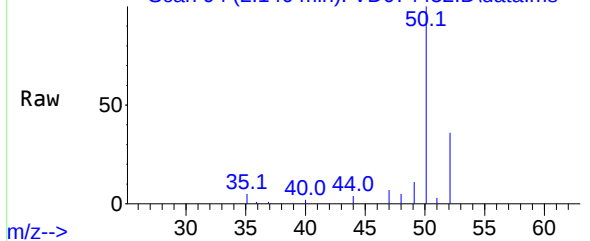
Tgt Ion: 50 Resp: 25574

Ion Ratio Lower Upper

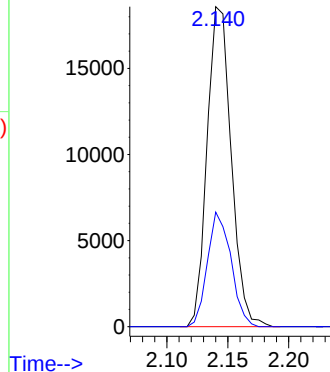
50 100

52 35.8 30.0 45.0

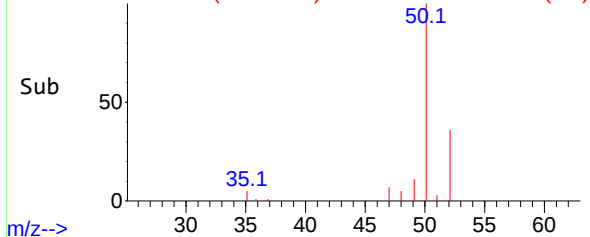
Abundance Scan 94 (2.140 min): VD074452.D\data.ms



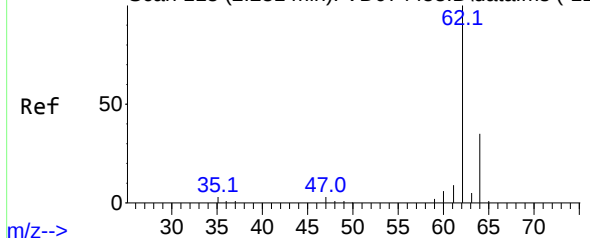
Abundance



Abundance Scan 94 (2.140 min): VD074452.D\data.ms (-43)



Abundance Scan 118 (2.281 min): VD074453.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 25.596 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

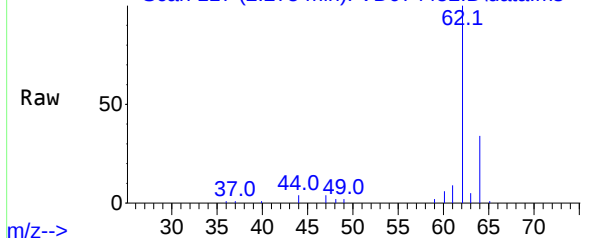
Tgt Ion: 62 Resp: 21384

Ion Ratio Lower Upper

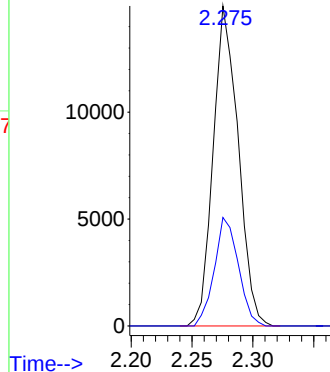
62 100

64 33.9 25.5 38.3

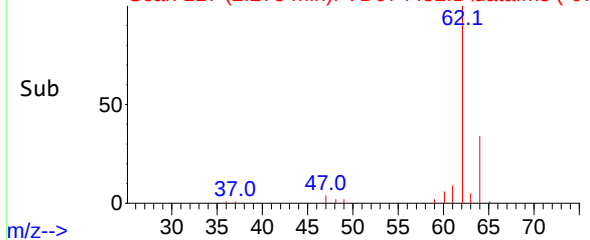
Abundance Scan 117 (2.275 min): VD074452.D\data.ms

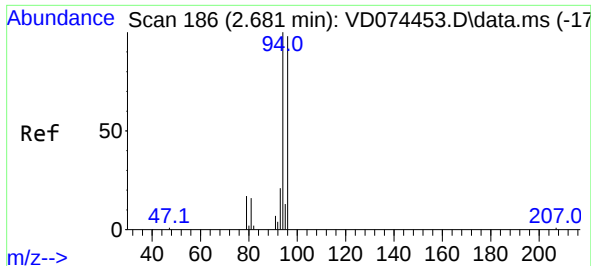


Abundance



Abundance Scan 117 (2.275 min): VD074452.D\data.ms (-67)

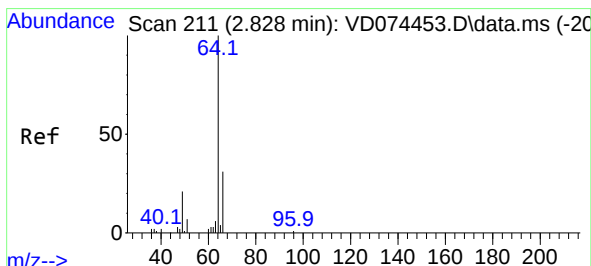
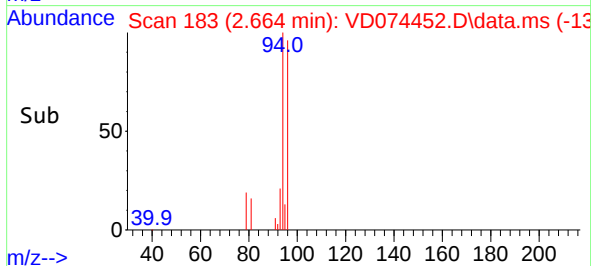
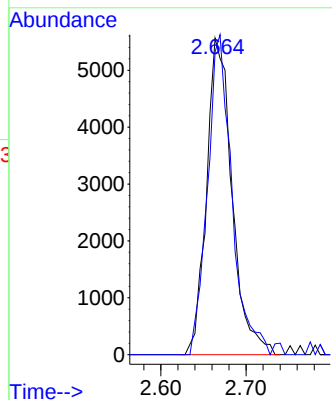
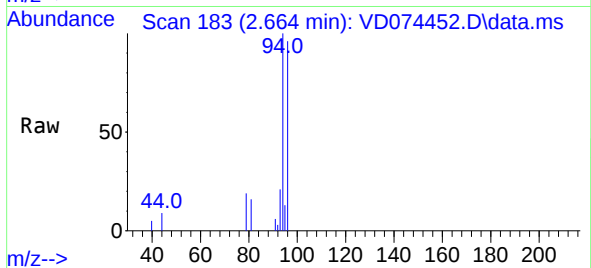




#5
Bromomethane
Concen: 19.082 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

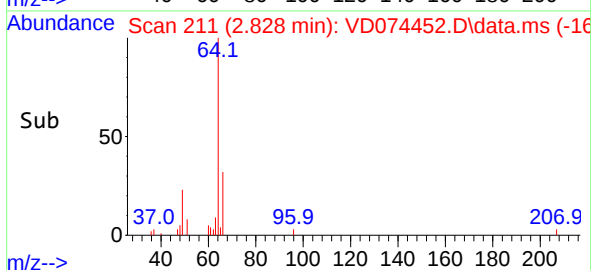
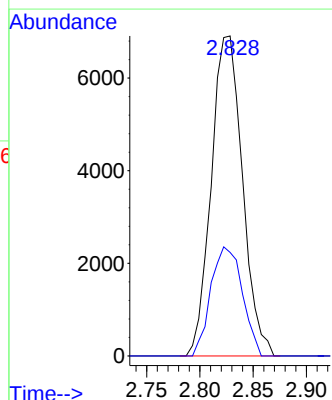
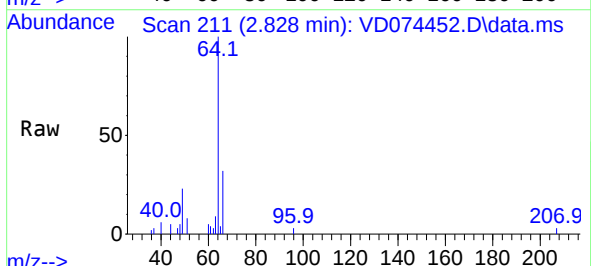
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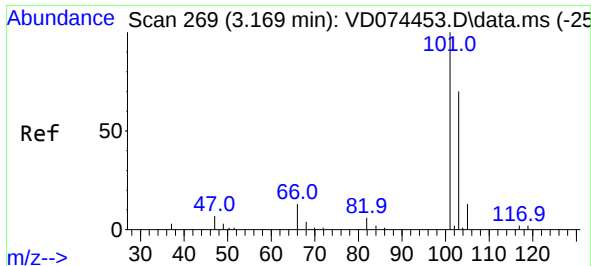
Tgt Ion: 94 Resp: 11576
Ion Ratio Lower Upper
94 100
96 95.7 74.6 112.0



#6
Chloroethane
Concen: 25.212 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 64 Resp: 14081
Ion Ratio Lower Upper
64 100
66 32.4 25.8 38.8

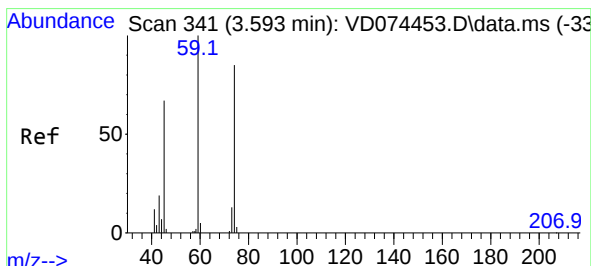
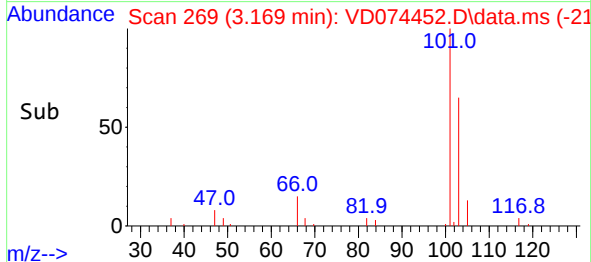
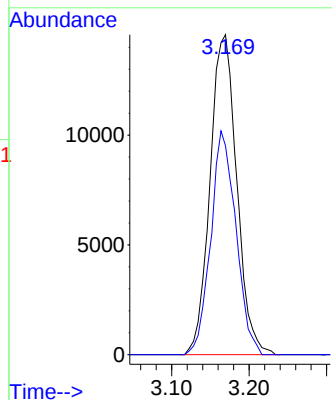
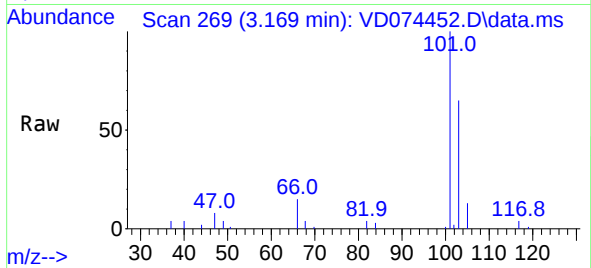




#7
Trichlorofluoromethane
Concen: 19.673 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

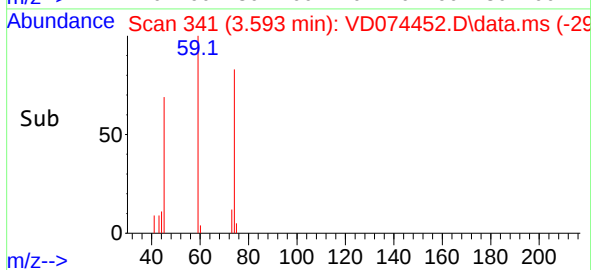
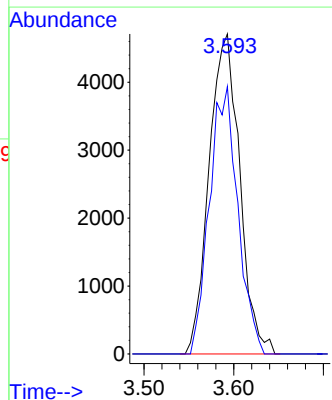
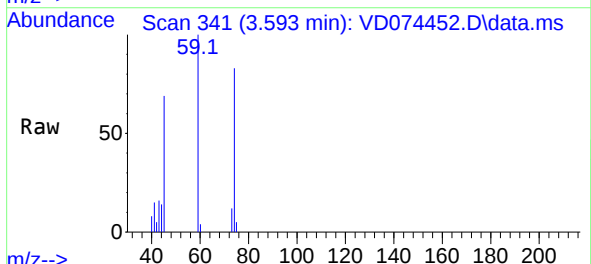
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

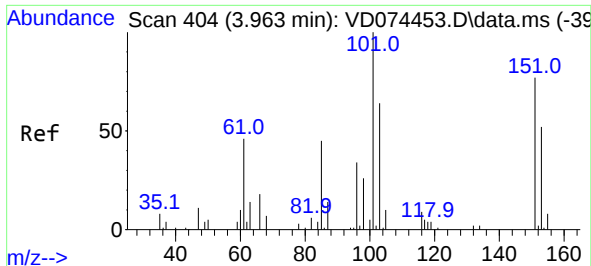
Tgt Ion:101 Resp: 35024
Ion Ratio Lower Upper
101 100
103 65.3 49.8 74.8



#8
Diethyl Ether
Concen: 21.132 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 74 Resp: 11152
Ion Ratio Lower Upper
74 100
45 77.5 37.9 113.6

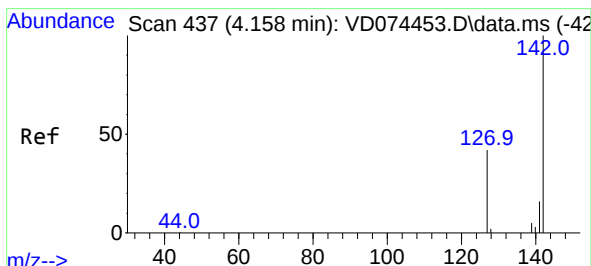
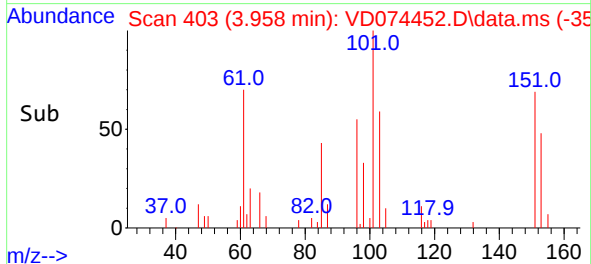
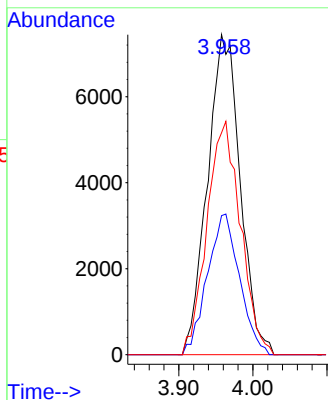
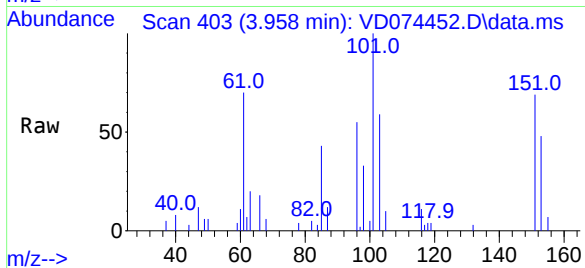




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.237 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

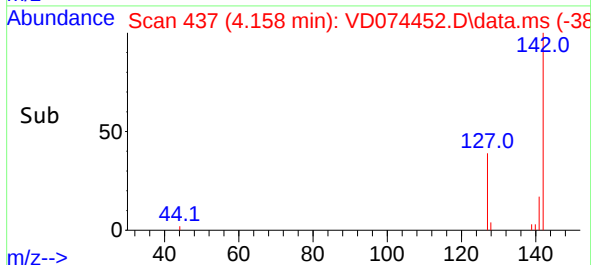
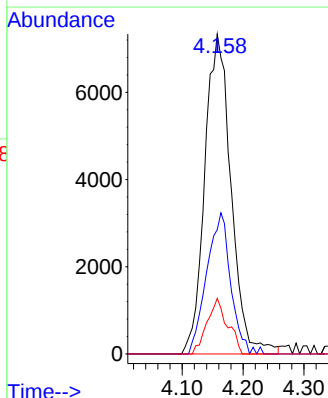
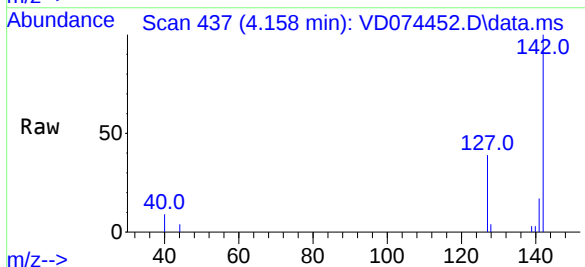
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

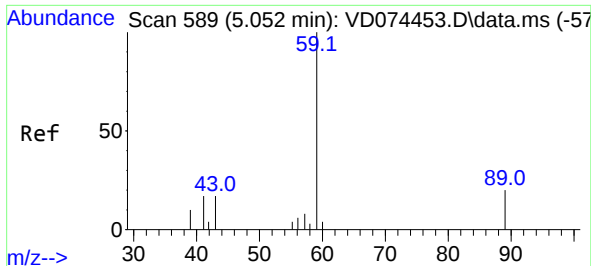
Tgt Ion:101 Resp: 22875
Ion Ratio Lower Upper
101 100
85 43.2 34.1 51.1
151 74.5 61.7 92.5



#10
Methyl Iodide
Concen: 20.154 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:142 Resp: 22019
Ion Ratio Lower Upper
142 100
127 40.3 31.9 47.9
141 13.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 86.992 ug/l

RT: 5.022 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

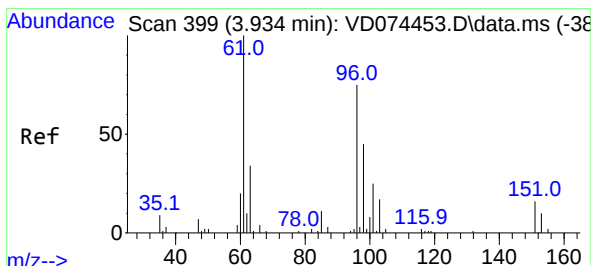
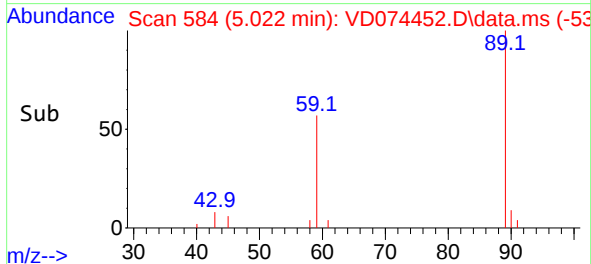
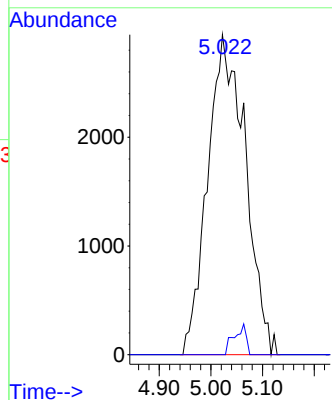
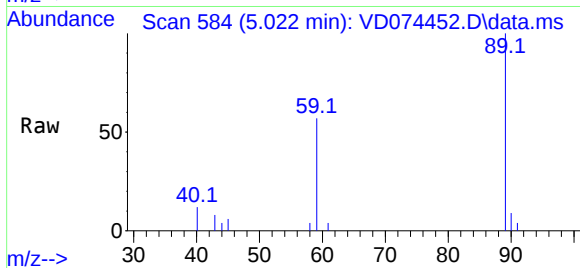
VSTDICC020

Tgt Ion: 59 Resp: 14873

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 20.895 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

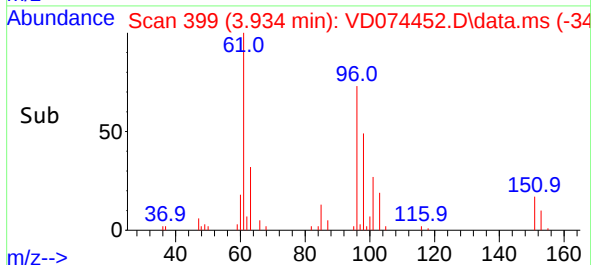
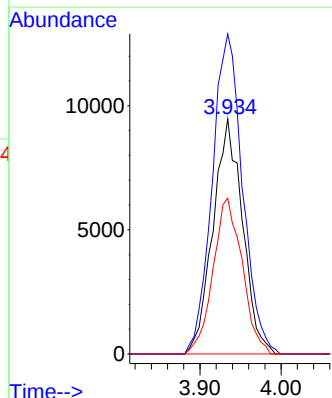
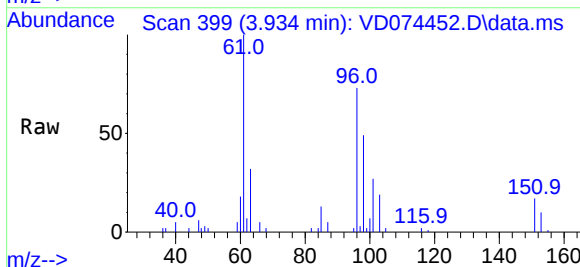
Tgt Ion: 96 Resp: 23923

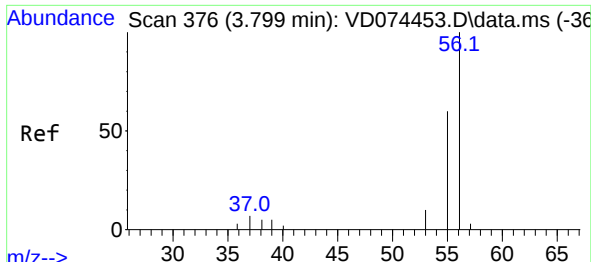
Ion Ratio Lower Upper

96 100

61 136.1 113.9 170.9

98 66.3 51.8 77.8





#13

Acrolein

Concen: 102.844 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

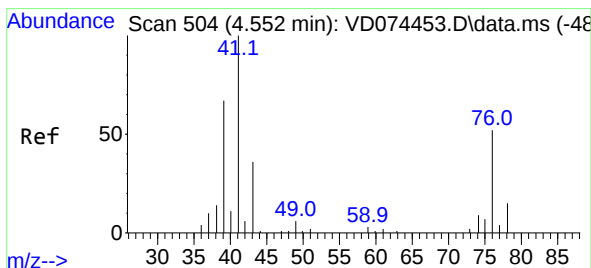
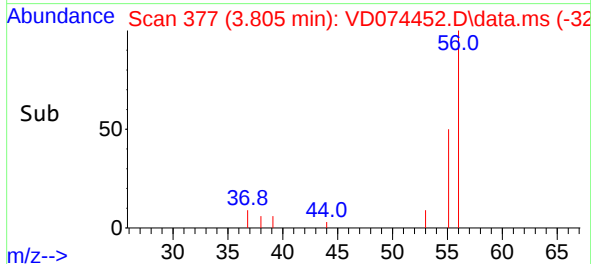
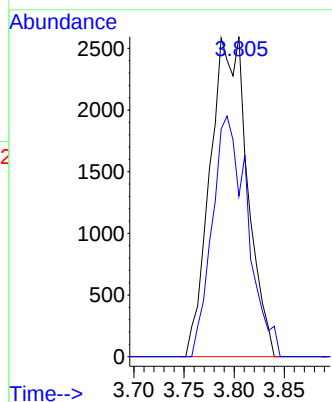
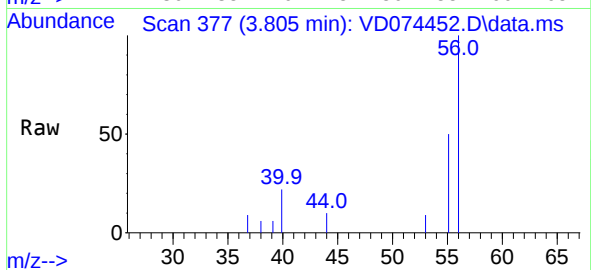
VSTDICC020

Tgt Ion: 56 Resp: 6713

Ion Ratio Lower Upper

56 100

55 71.3 54.0 81.0



#14

Allyl chloride

Concen: 23.588 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

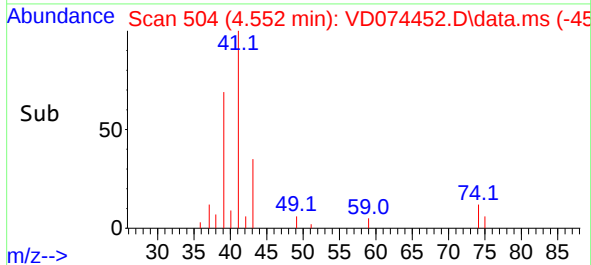
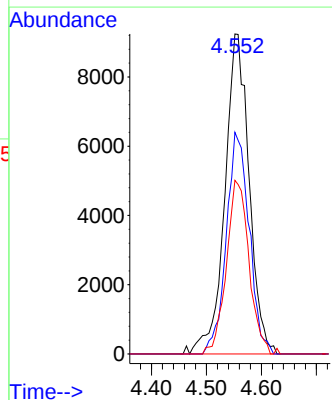
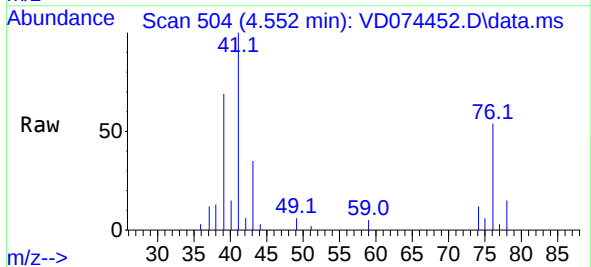
Tgt Ion: 41 Resp: 28388

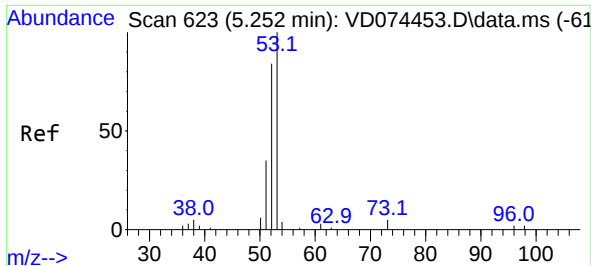
Ion Ratio Lower Upper

41 100

39 65.2 53.4 80.2

76 50.3 42.4 63.6

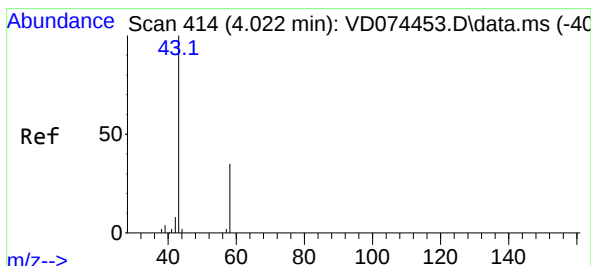
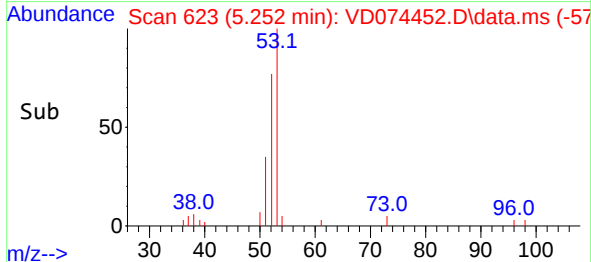
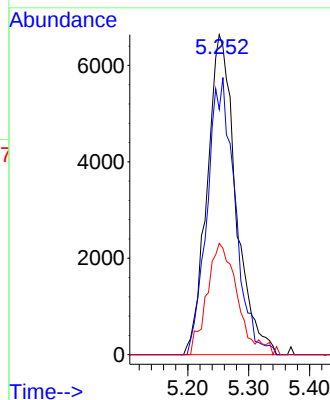
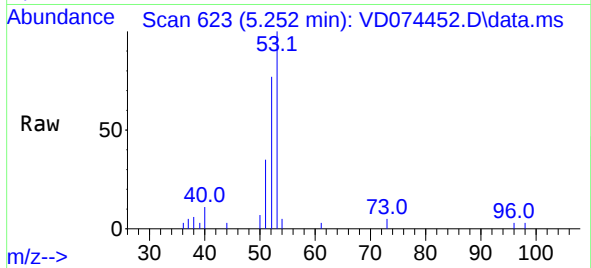




#15
Acrylonitrile
Concen: 98.887 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

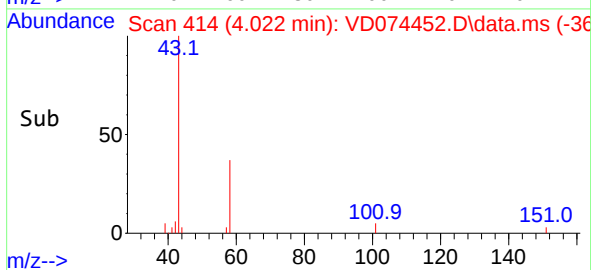
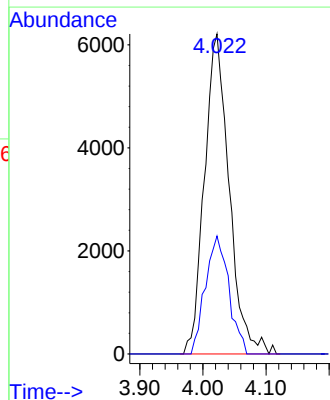
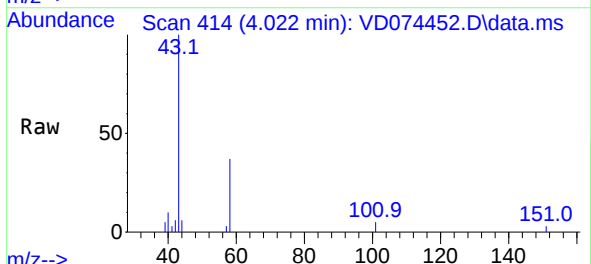
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

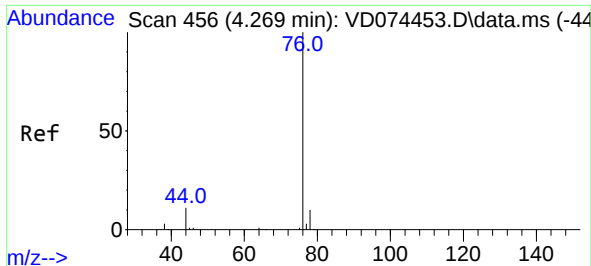
Tgt Ion: 53 Resp: 21749
Ion Ratio Lower Upper
53 100
52 84.1 66.0 99.0
51 37.1 28.3 42.5



#16
Acetone
Concen: 87.363 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 43 Resp: 16915
Ion Ratio Lower Upper
43 100
58 36.9 30.2 45.2

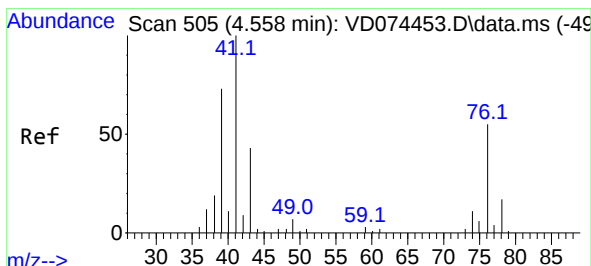
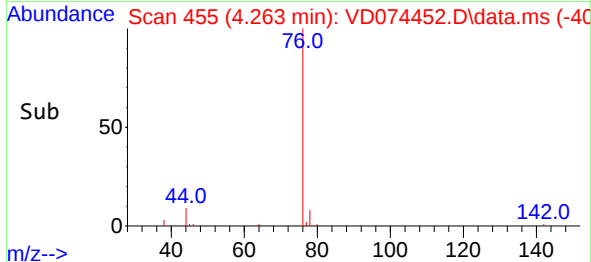
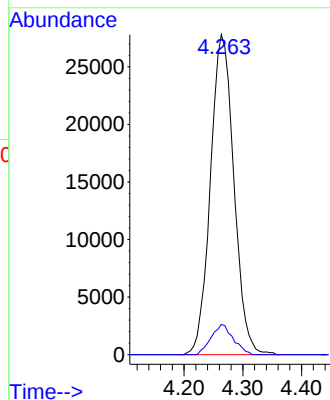
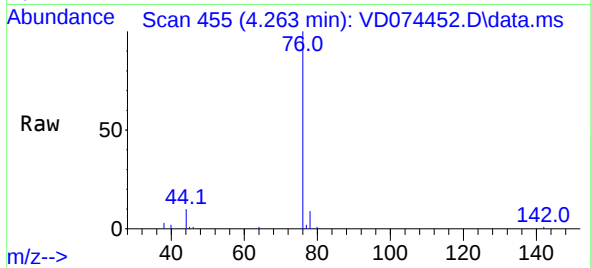




#17
Carbon Disulfide
Concen: 27.317 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

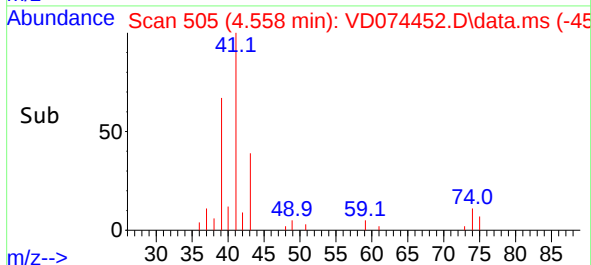
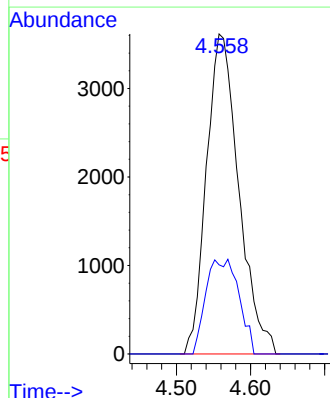
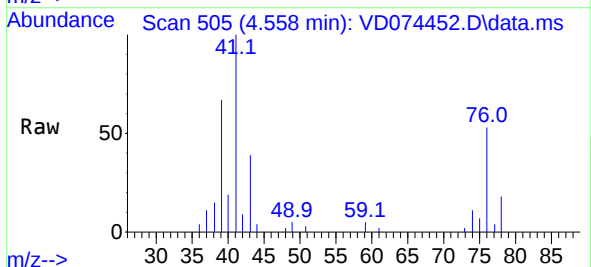
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

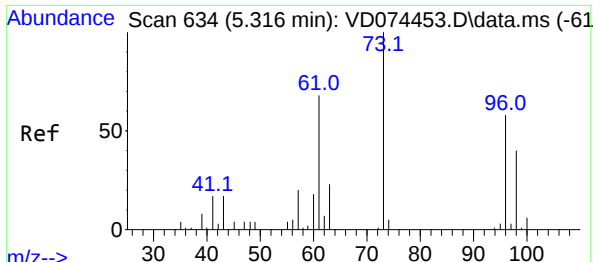
Tgt Ion: 76 Resp: 77138
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 18.602 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 43 Resp: 10943
Ion Ratio Lower Upper
43 100
74 30.2 24.7 37.1

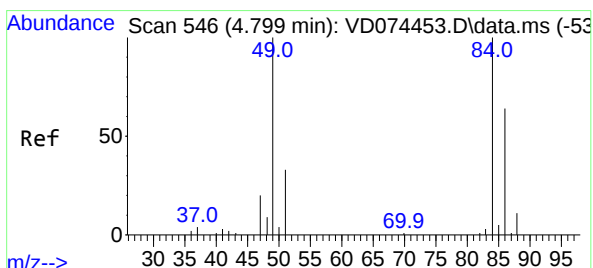
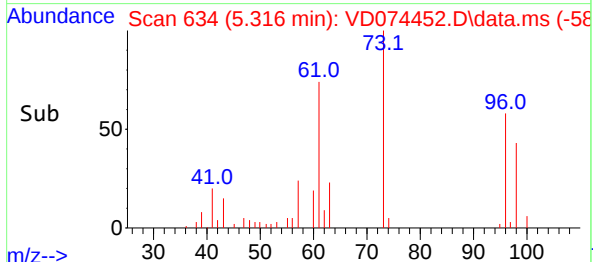
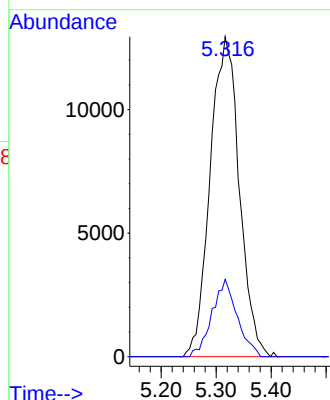
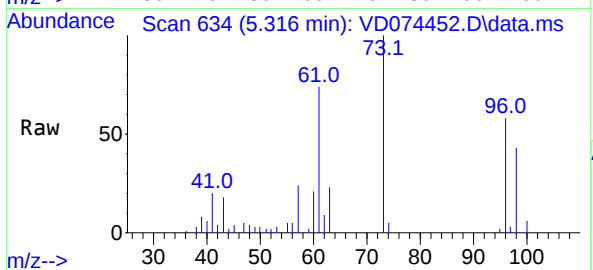




#19
Methyl tert-butyl Ether
Concen: 19.842 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

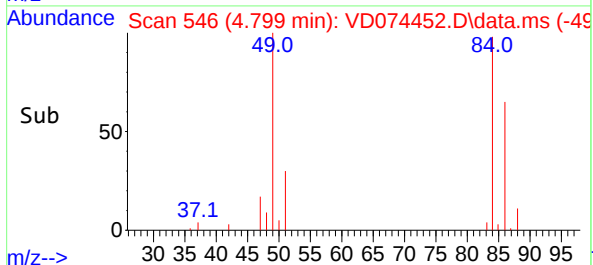
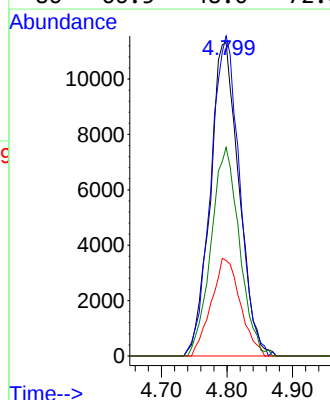
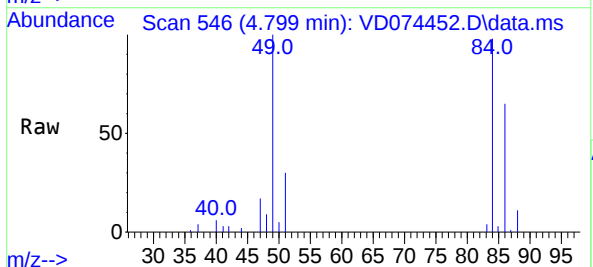
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

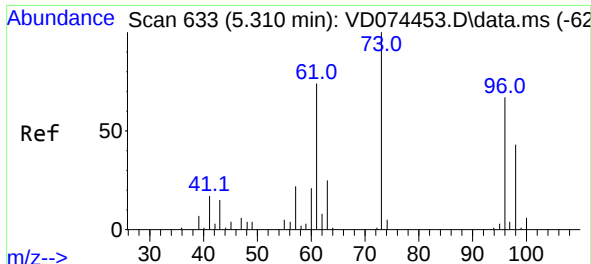
Tgt Ion: 73 Resp: 47687
Ion Ratio Lower Upper
73 100
57 24.2 16.1 24.1#



#20
Methylene Chloride
Concen: 19.587 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 84 Resp: 34511
Ion Ratio Lower Upper
84 100
49 102.1 68.0 102.0#
51 30.5 23.2 34.8
86 66.5 48.0 72.0

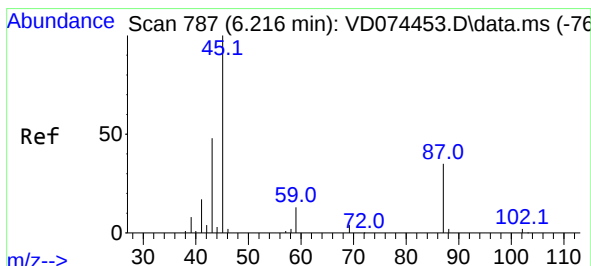
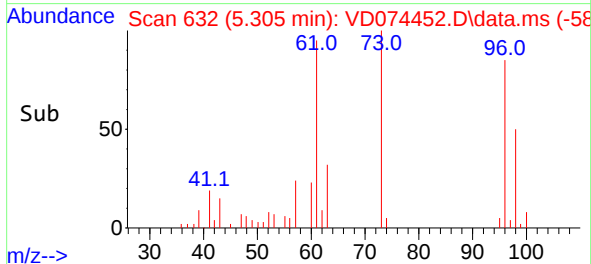
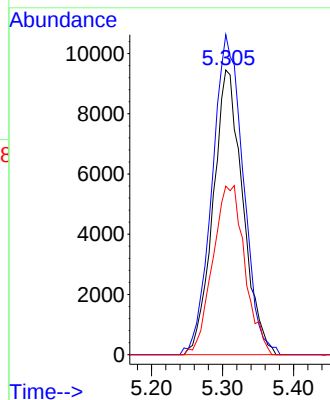
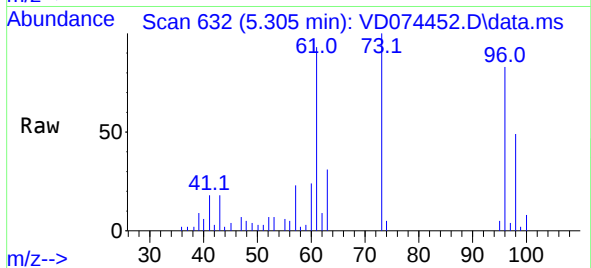




#21
trans-1,2-Dichloroethene
Concen: 22.513 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

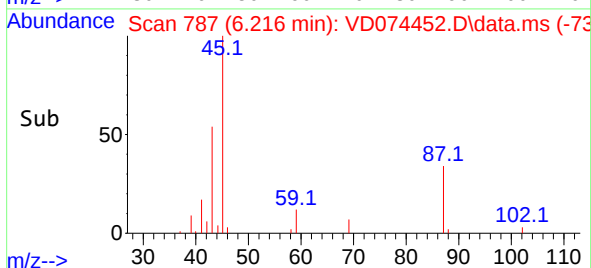
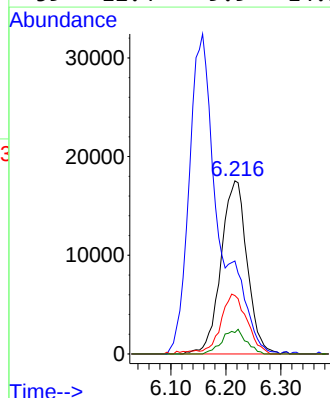
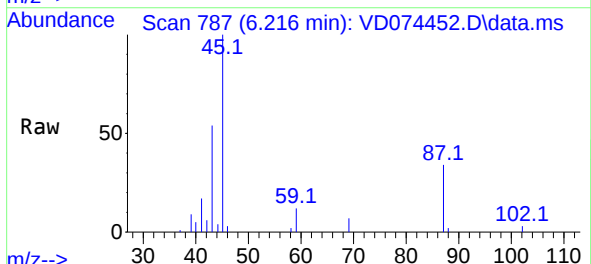
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

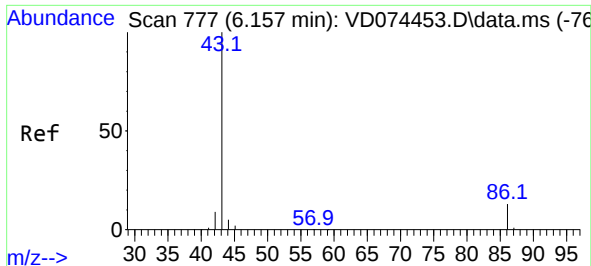
Tgt Ion: 96 Resp: 27432
Ion Ratio Lower Upper
96 100
61 112.4 95.7 143.5
98 59.2 54.8 82.2



#22
Diisopropyl ether
Concen: 21.594 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 45 Resp: 57776
Ion Ratio Lower Upper
45 100
43 53.8 37.8 56.6
87 33.7 26.6 40.0
59 12.4 9.9 14.9

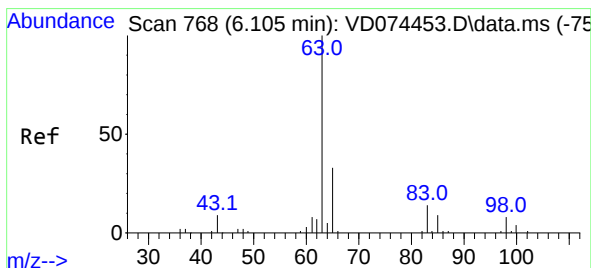
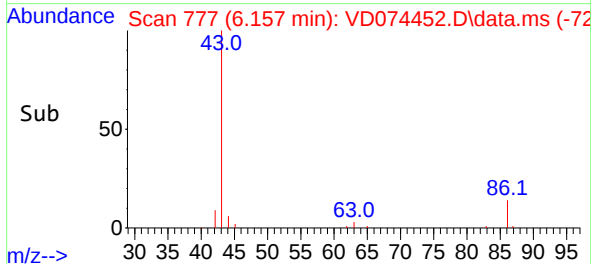
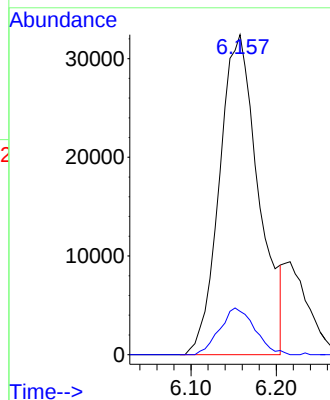
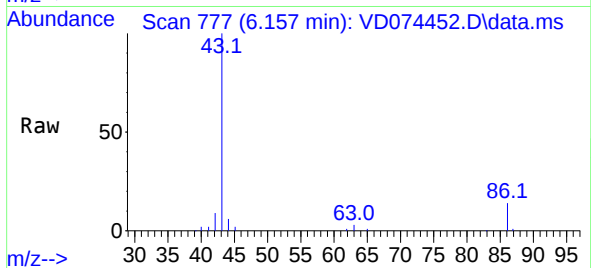




#23
 Vinyl Acetate
 Concen: 89.366 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

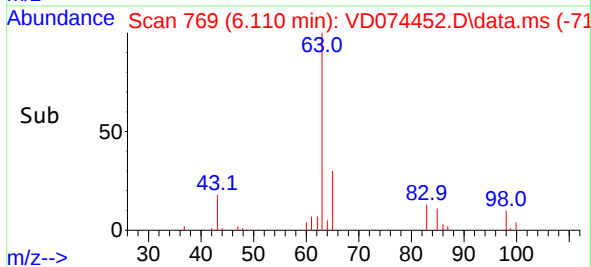
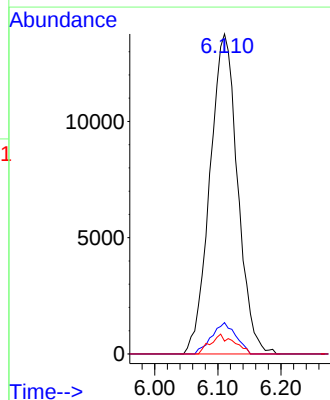
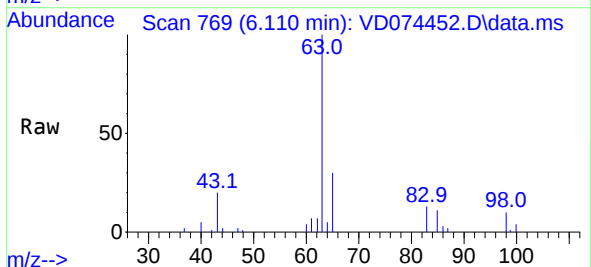
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

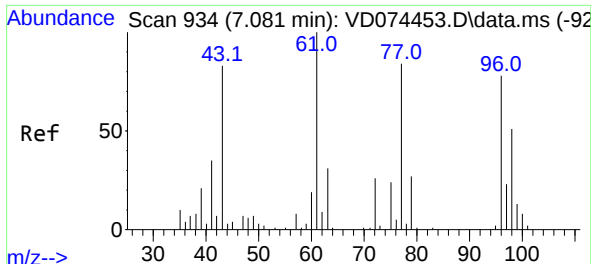
Tgt Ion: 43 Resp: 103827
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.967 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

Tgt Ion: 63 Resp: 41980
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.6 13.8
 100 4.0 2.9 8.6

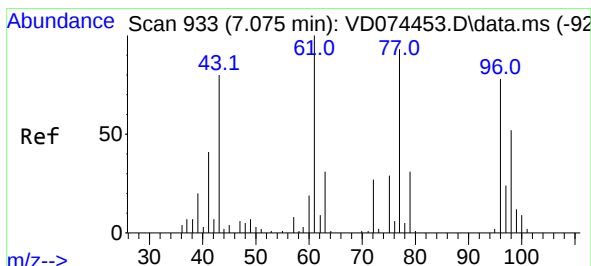
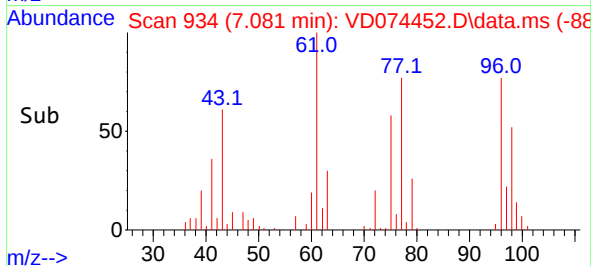
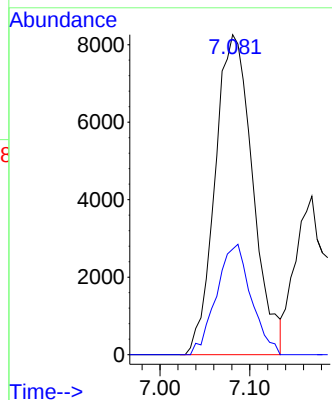
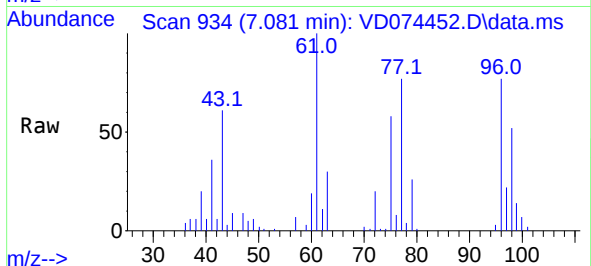




#25
2-Butanone
Concen: 94.644 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

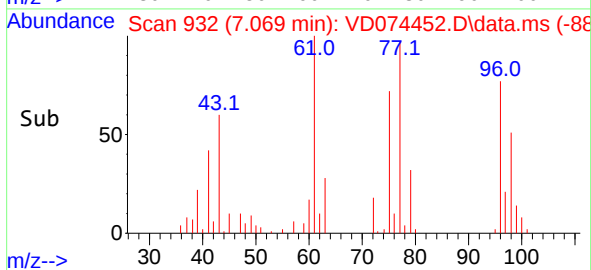
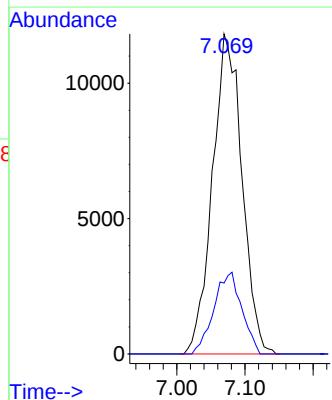
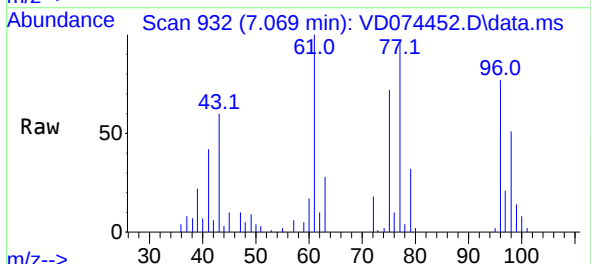
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

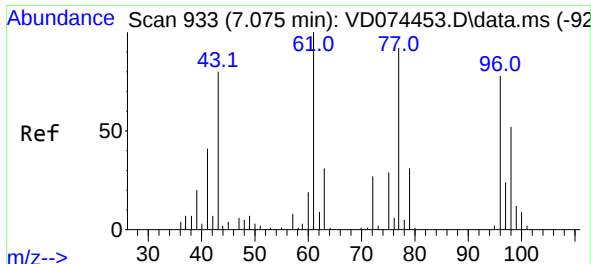
Tgt Ion: 43 Resp: 24058
Ion Ratio Lower Upper
43 100
72 33.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 19.308 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 77 Resp: 35576
Ion Ratio Lower Upper
77 100
97 24.1 12.5 37.5

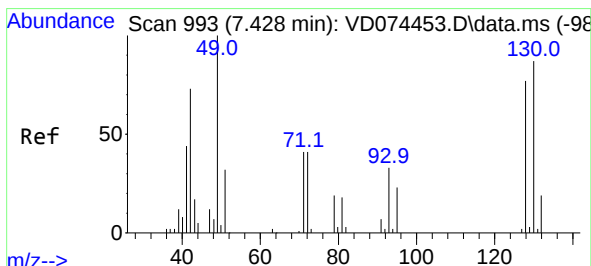
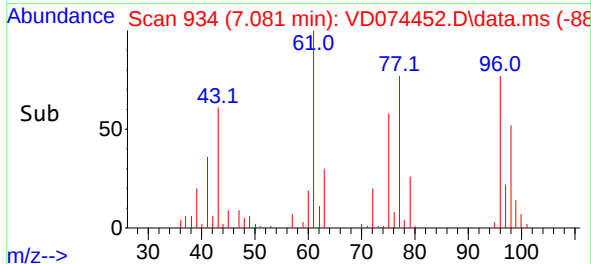
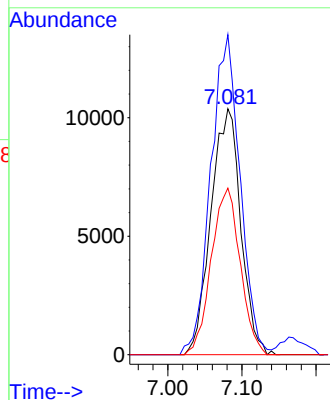
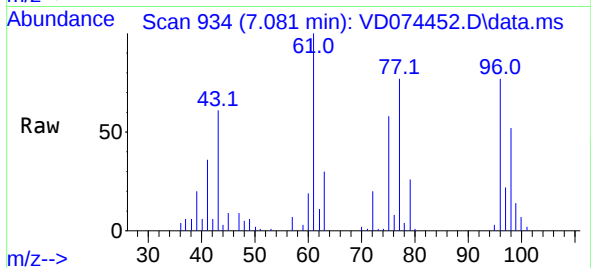




#27
cis-1,2-Dichloroethene
Concen: 20.646 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

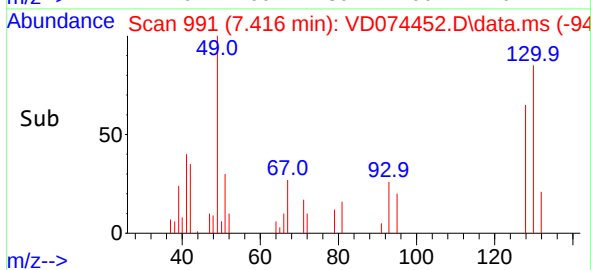
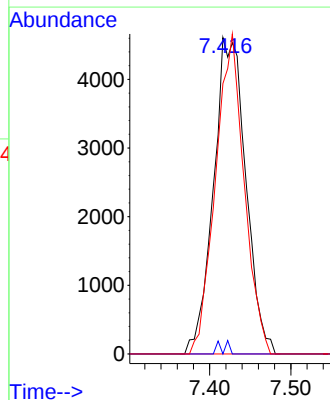
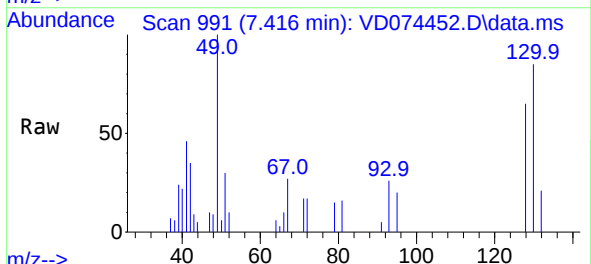
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

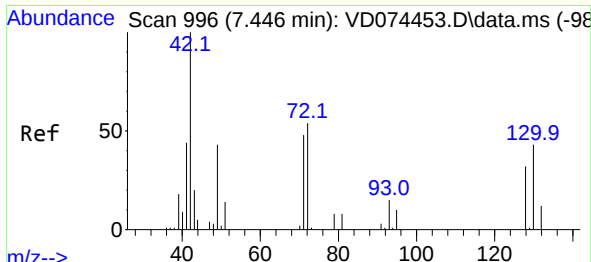
Tgt Ion: 96 Resp: 29022
Ion Ratio Lower Upper
96 100
61 128.1 0.0 242.4
98 65.8 0.0 130.0



#28
Bromochloromethane
Concen: 20.251 ug/l
RT: 7.416 min Scan# 991
Delta R.T. -0.012 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 49 Resp: 12714
Ion Ratio Lower Upper
49 100
129 1.1 0.0 5.0
130 89.8 84.1 126.1

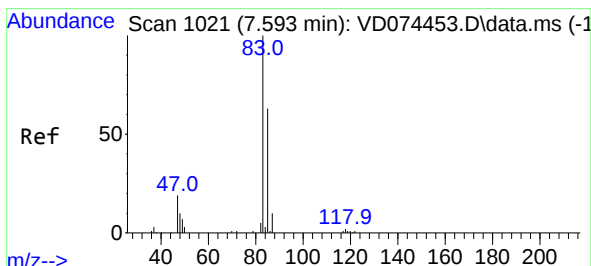
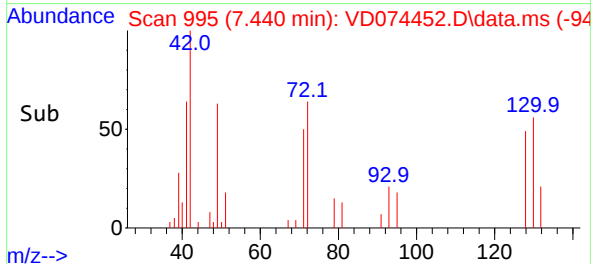
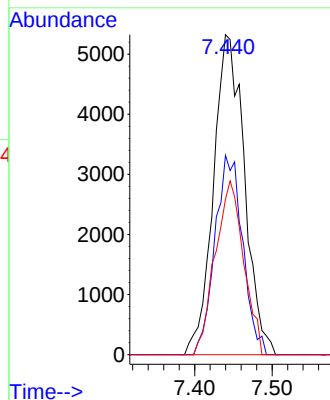
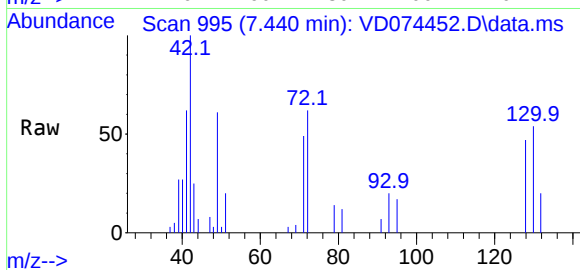




#29
Tetrahydrofuran
Concen: 105.023 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

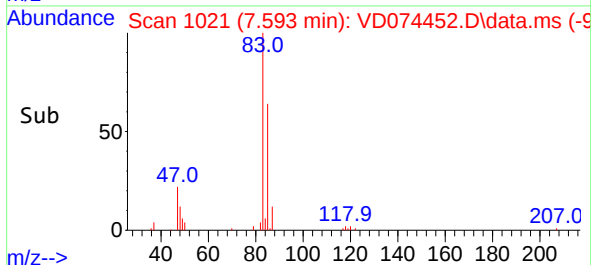
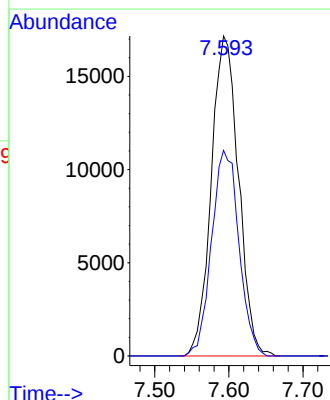
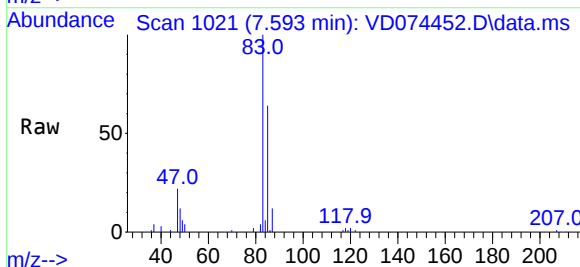
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

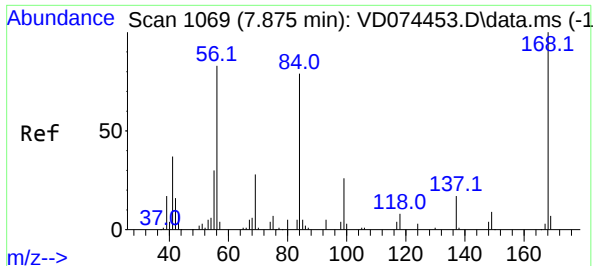
Tgt Ion:	42	Resp:	14799
Ion	Ratio	Lower	Upper
42	100		
72	55.6	45.8	68.6
71	49.8	44.6	66.8



#30
Chloroform
Concen: 19.857 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

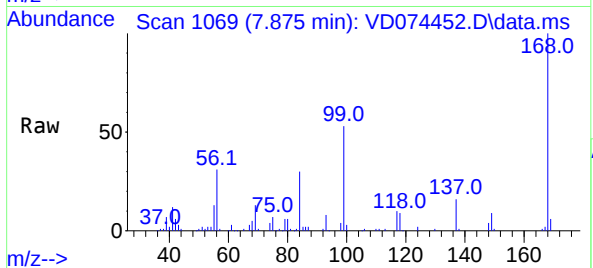
Tgt Ion:	83	Resp:	43754
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0



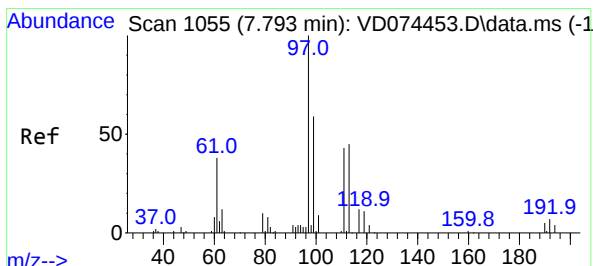
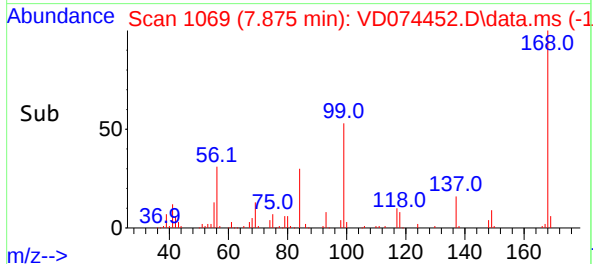
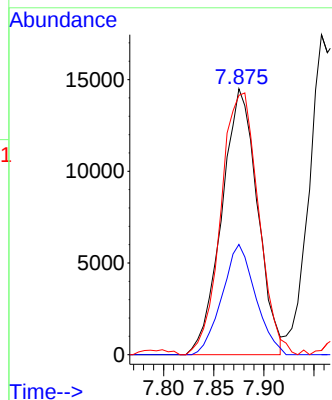


#31
Cyclohexane
Concen: 22.016 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

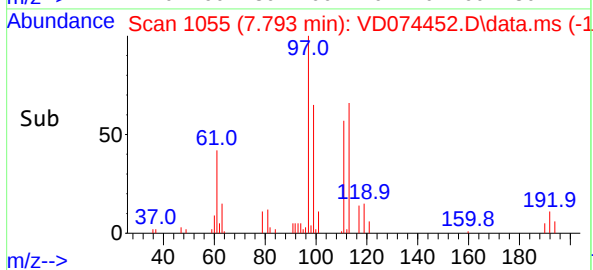
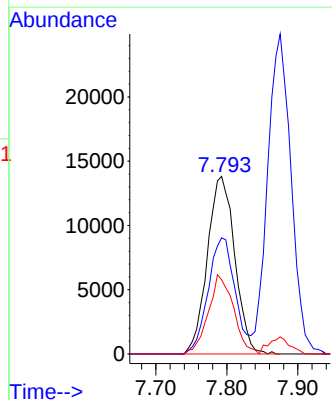
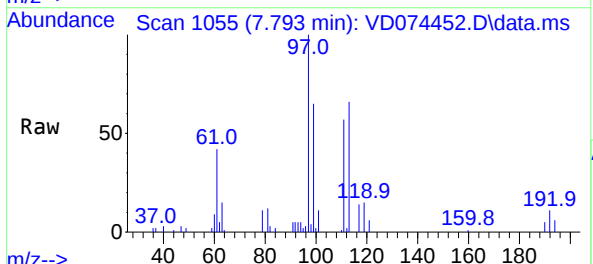


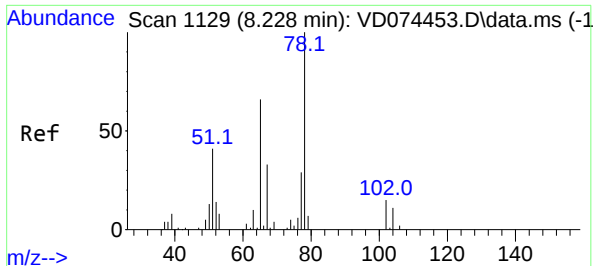
Tgt Ion: 56 Resp: 35917
Ion Ratio Lower Upper
56 100
69 41.5 29.2 43.8
84 97.5 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 19.528 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 97 Resp: 37044
Ion Ratio Lower Upper
97 100
99 64.6 53.3 79.9
61 40.9 30.2 45.4

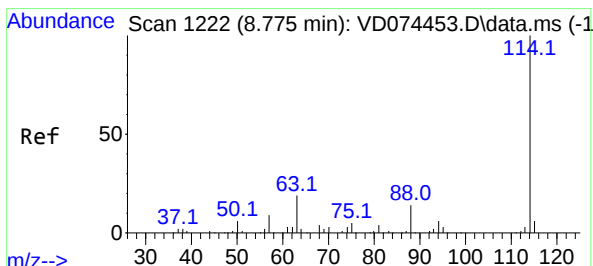
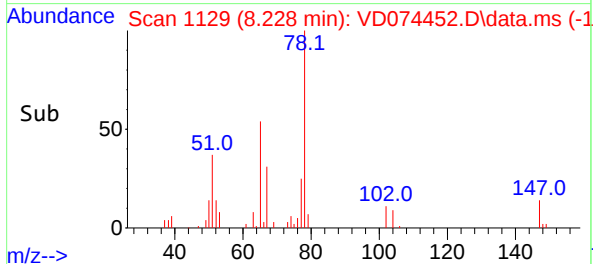
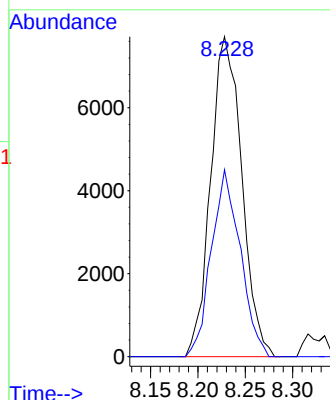
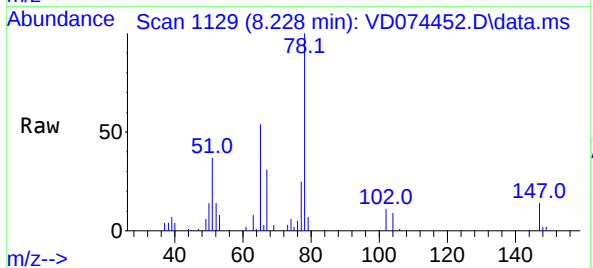




#33
1,2-Dichloroethane-d4
Concen: 18.817 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

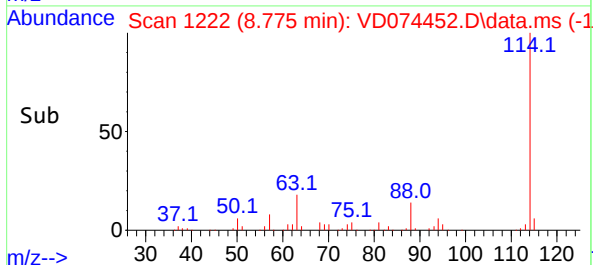
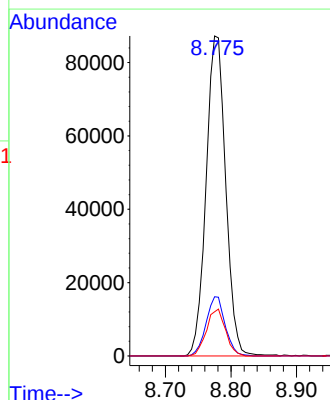
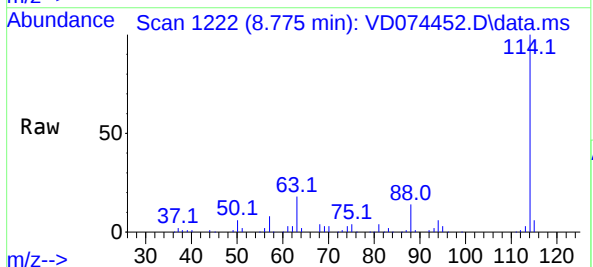
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

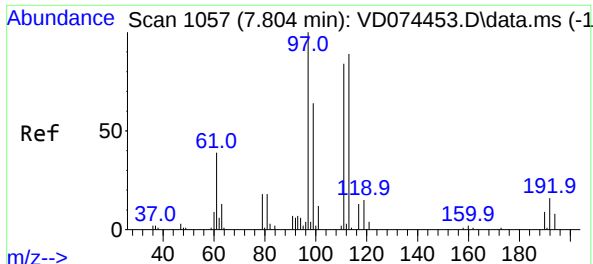
Tgt Ion: 65 Resp: 17589
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 114 Resp: 181420
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.2
88 13.8 0.0 28.2

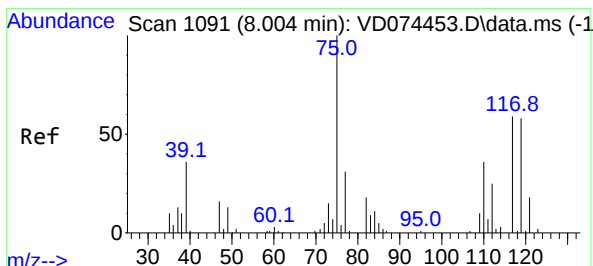
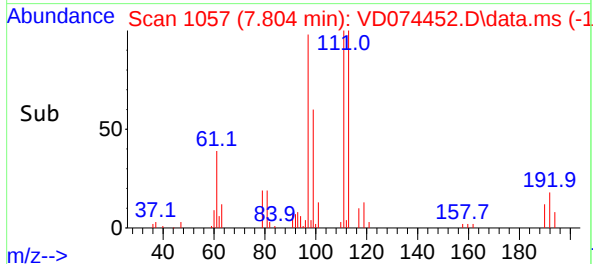
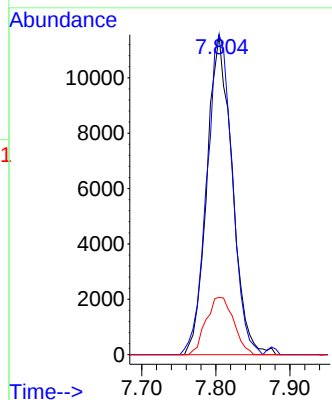
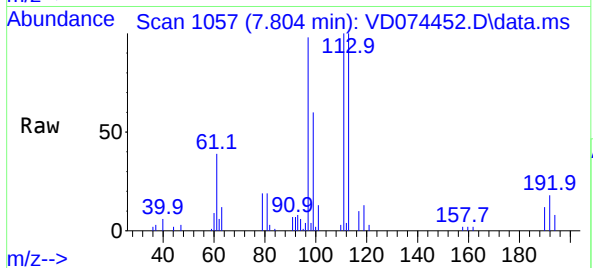




#35
Dibromofluoromethane
Concen: 20.620 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

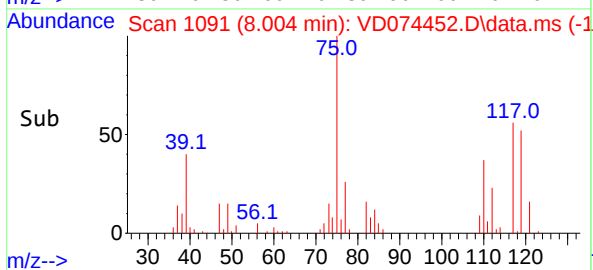
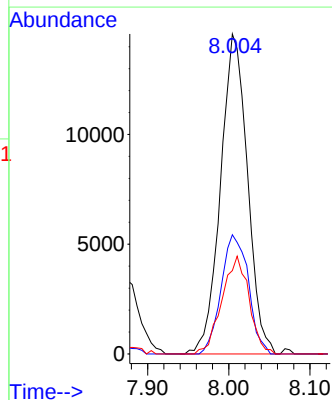
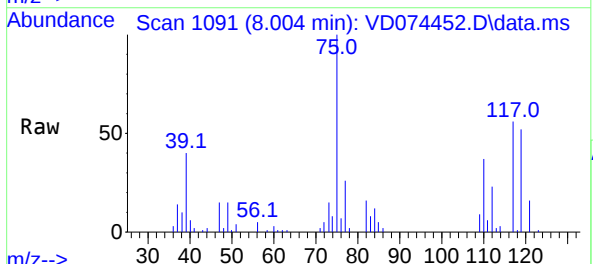
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

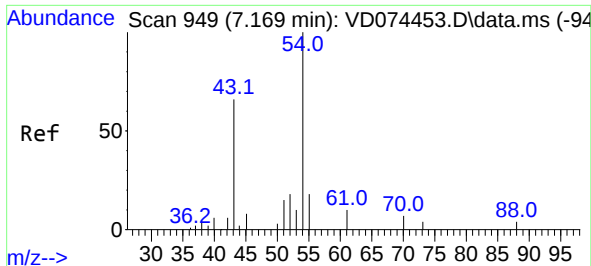
Tgt Ion:113 Resp: 27430
Ion Ratio Lower Upper
113 100
111 100.9 82.3 123.5
192 19.4 16.4 24.6



#36
1,1-Dichloropropene
Concen: 20.317 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 75 Resp: 33625
Ion Ratio Lower Upper
75 100
110 37.6 19.7 59.0
77 30.7 25.4 38.2





#37

Ethyl Acetate

Concen: 19.695 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

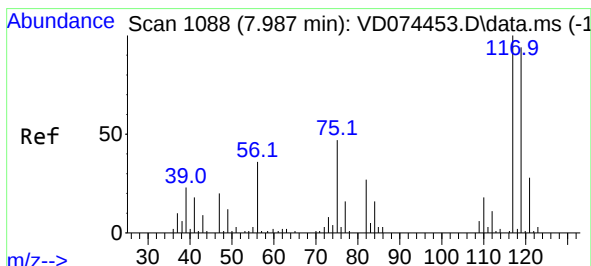
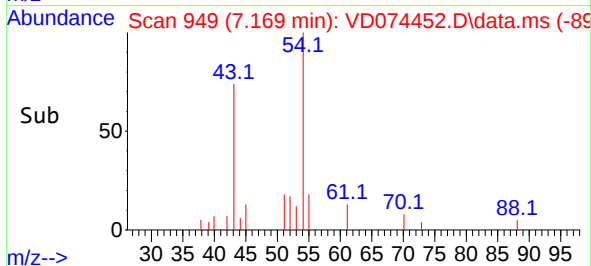
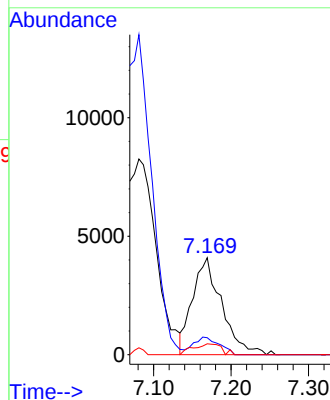
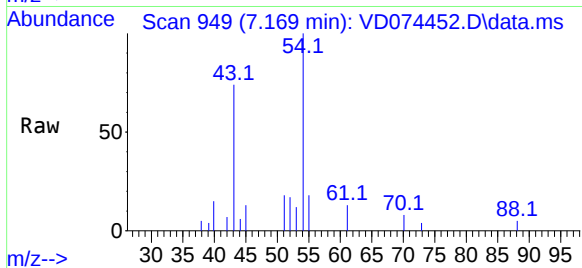
Tgt Ion: 43 Resp: 10731

Ion Ratio Lower Upper

43 100

61 15.7 12.2 18.4

70 11.0 9.6 14.4



#38

Carbon Tetrachloride

Concen: 18.377 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

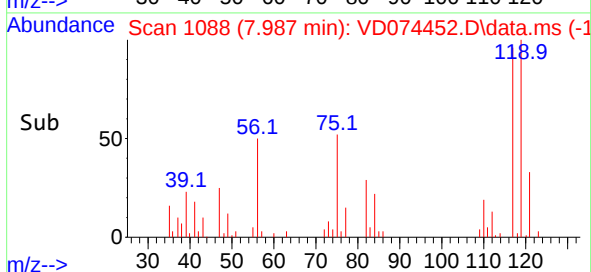
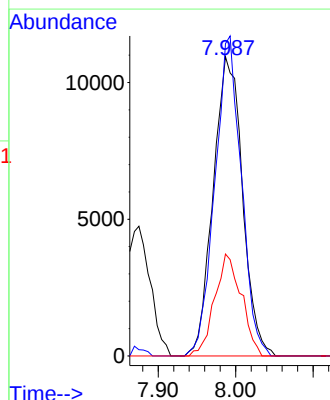
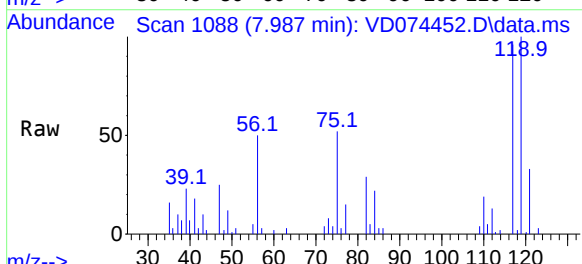
Tgt Ion: 117 Resp: 28735

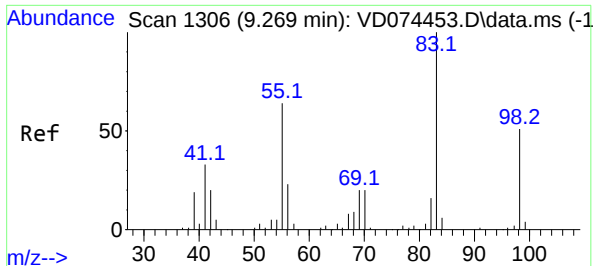
Ion Ratio Lower Upper

117 100

119 104.4 73.1 109.7

121 34.1 25.0 37.6





#39

Methylcyclohexane

Concen: 19.939 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

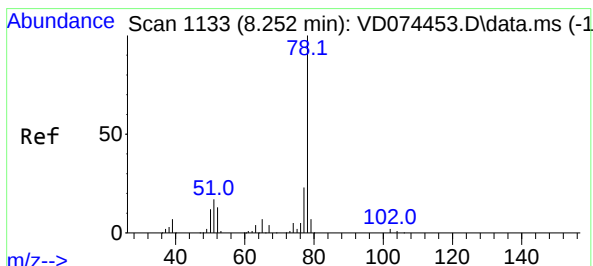
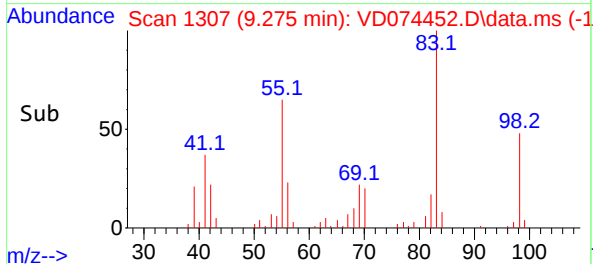
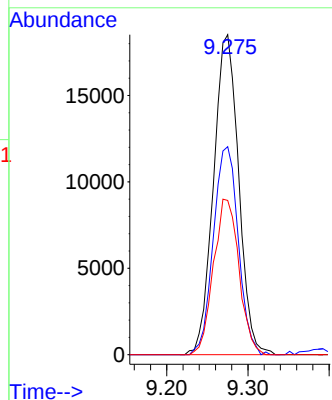
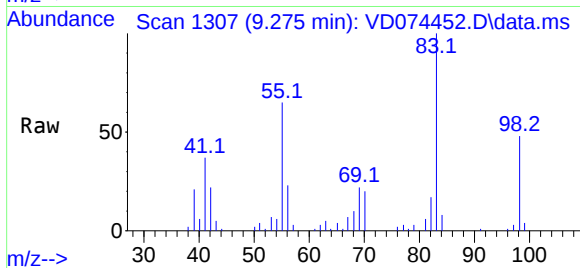
Tgt Ion: 83 Resp: 39879

Ion Ratio Lower Upper

83 100

55 65.0 49.0 73.4

98 48.2 41.7 62.5



#40

Benzene

Concen: 19.530 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074452.D

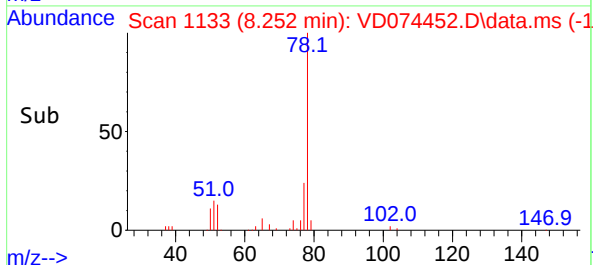
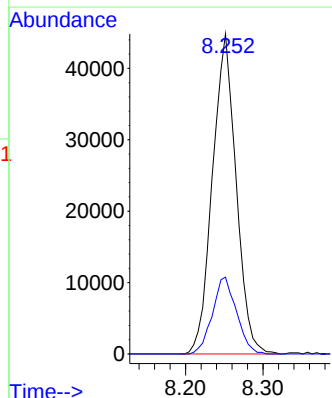
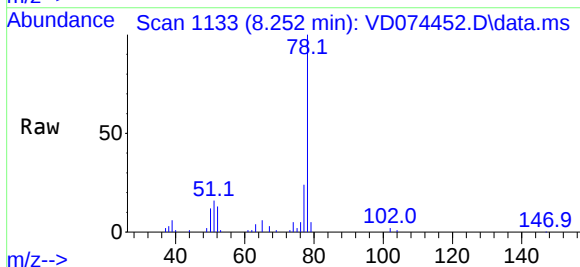
Acq: 05 Oct 2022 14:18

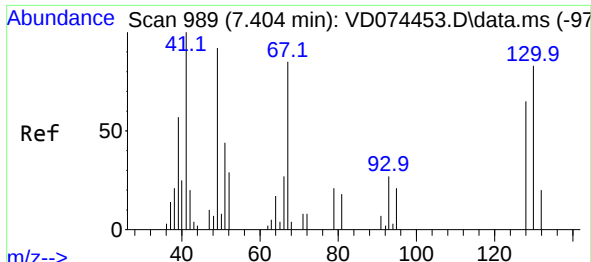
Tgt Ion: 78 Resp: 95160

Ion Ratio Lower Upper

78 100

77 24.0 20.1 30.1

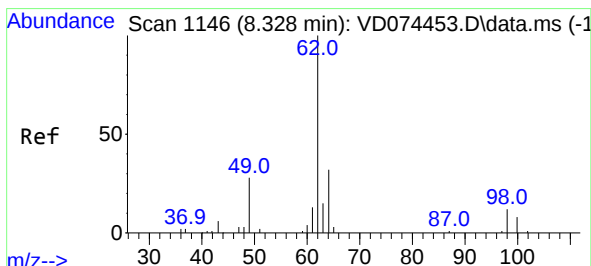
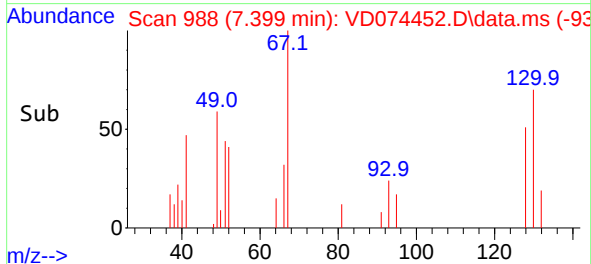
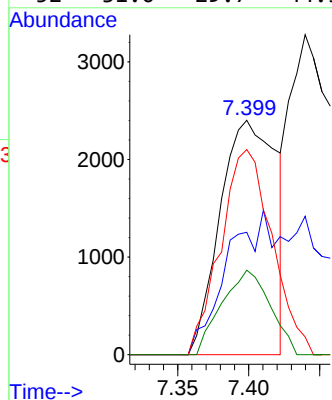
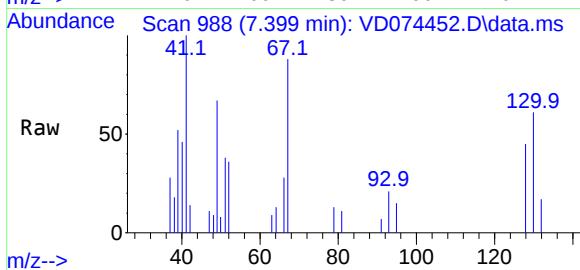




#41
Methacrylonitrile
Concen: 20.762 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

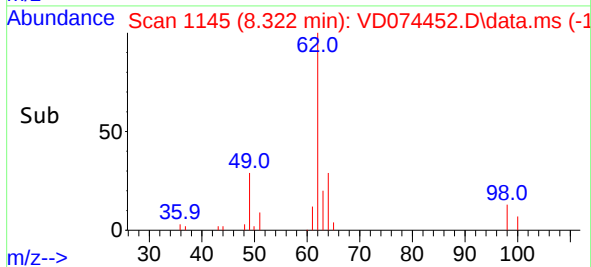
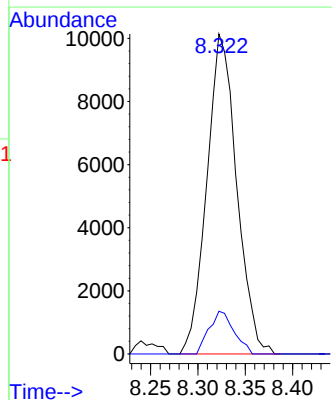
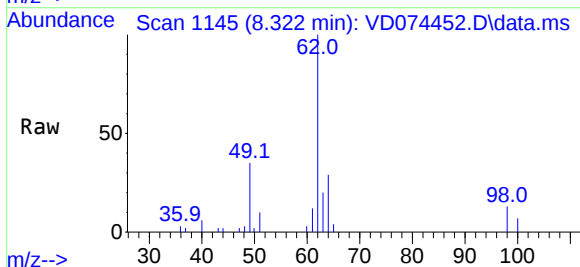
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

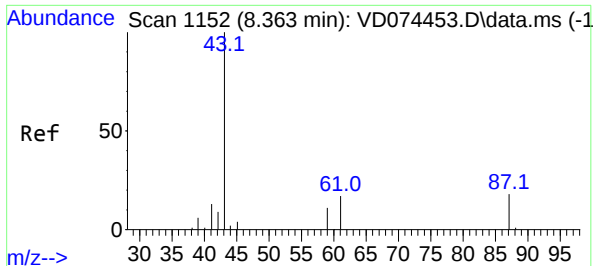
Tgt Ion: 41 Resp: 6604
Ion Ratio Lower Upper
41 100
39 34.5 35.0 52.6#
67 80.2 77.0 115.6
52 31.0 29.7 44.5



#42
1,2-Dichloroethane
Concen: 18.318 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 62 Resp: 22249
Ion Ratio Lower Upper
62 100
98 11.1 0.0 24.2

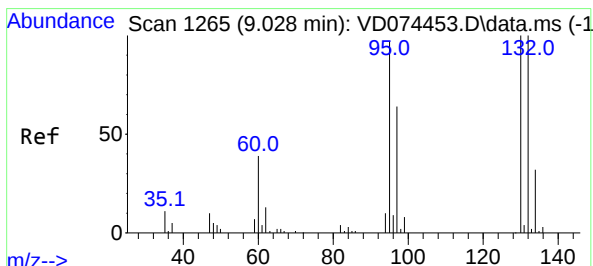
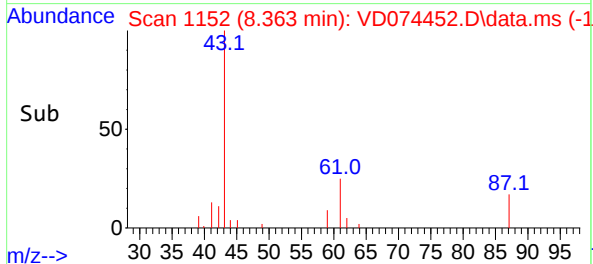
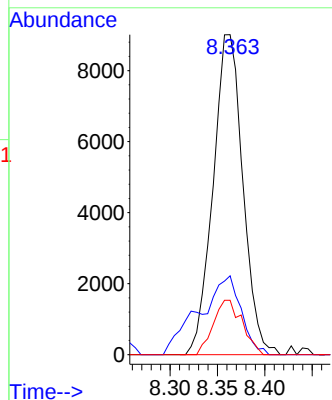
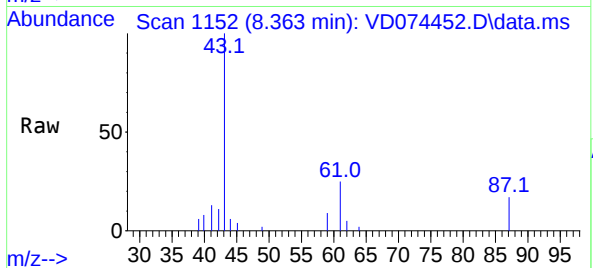




#43
Isopropyl Acetate
Concen: 18.633 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

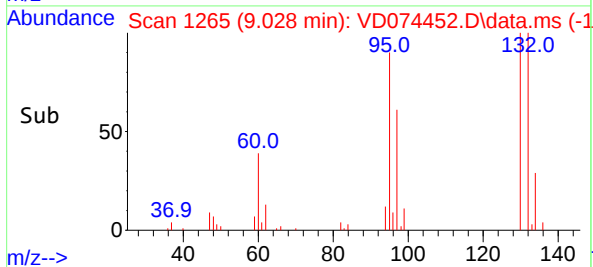
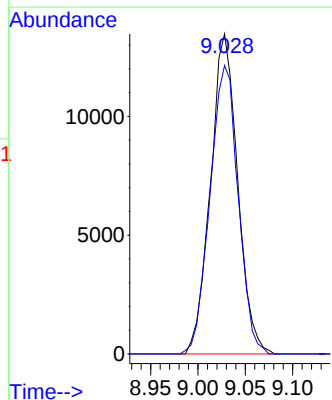
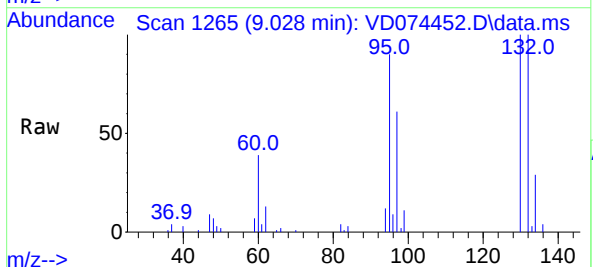
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

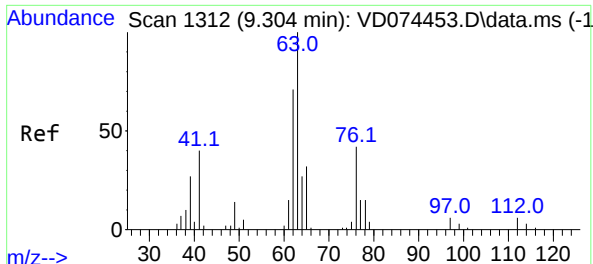
Tgt Ion: 43	Resp: 19732
Ion Ratio	Lower Upper
43 100	
61 34.8	30.9 46.3
87 16.5	14.3 21.5



#44
Trichloroethene
Concen: 18.244 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:130	Resp:	26813	
Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	185.4

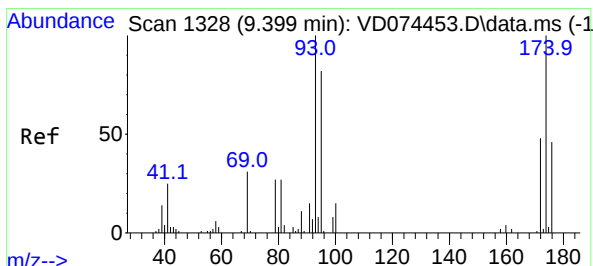
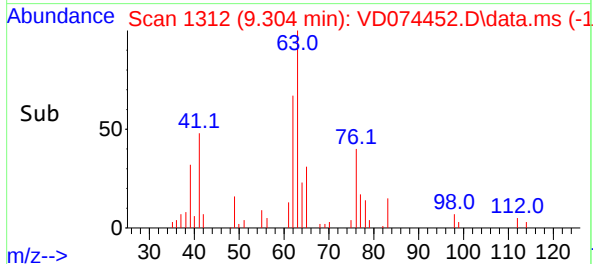
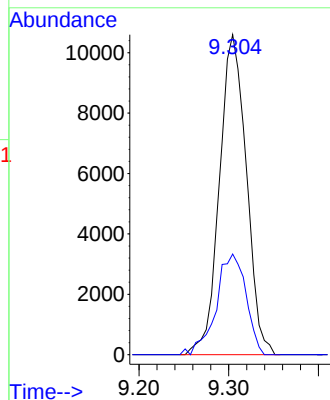
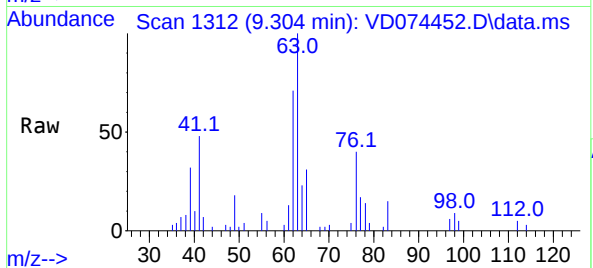




#45
1,2-Dichloropropane
Concen: 19.201 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

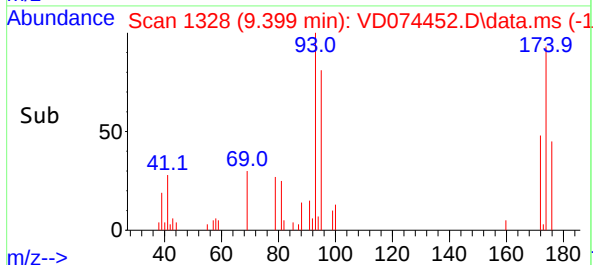
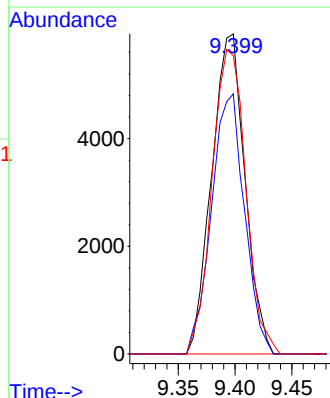
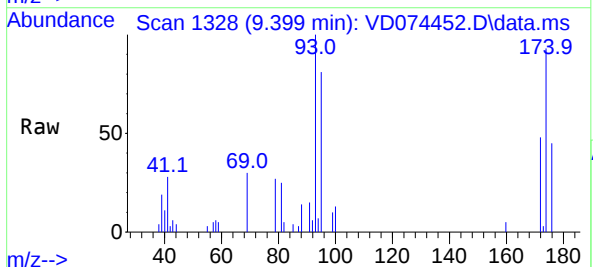
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

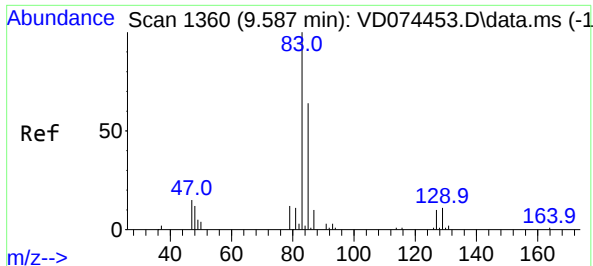
Tgt Ion: 63 Resp: 22077
Ion Ratio Lower Upper
63 100
65 31.5 23.1 34.7



#46
Dibromomethane
Concen: 17.854 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 93 Resp: 12076
Ion Ratio Lower Upper
93 100
95 81.0 68.2 102.2
174 96.9 87.4 131.0

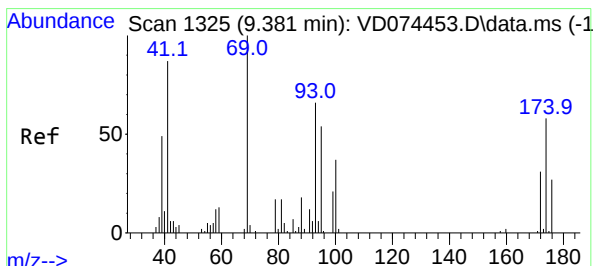
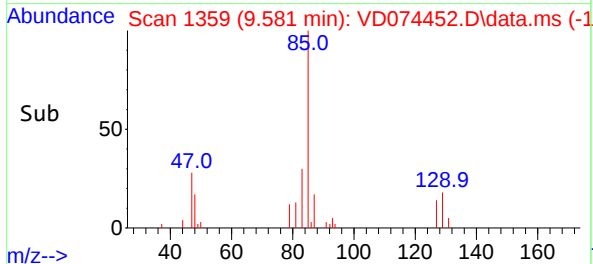
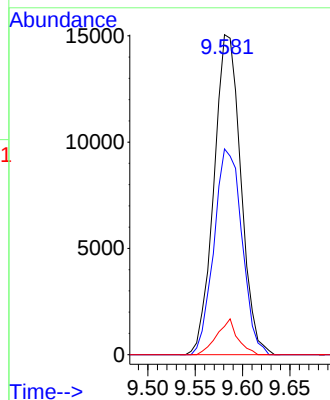
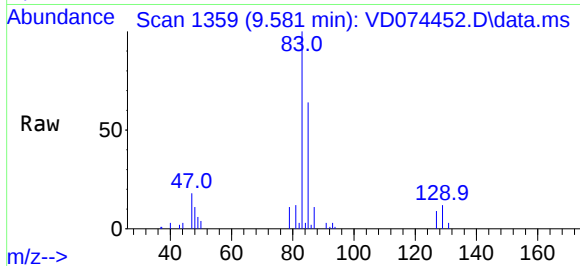




#47
Bromodichloromethane
Concen: 17.187 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

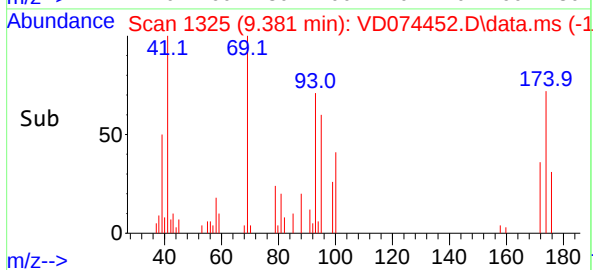
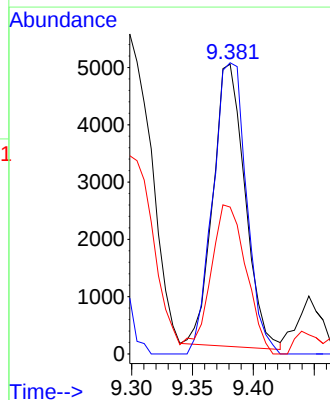
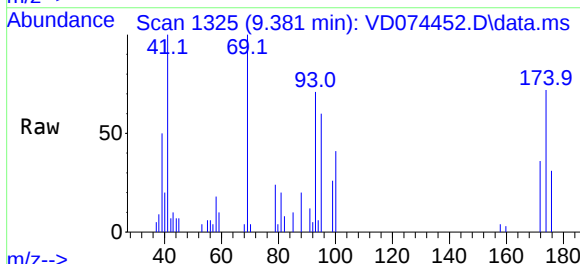
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

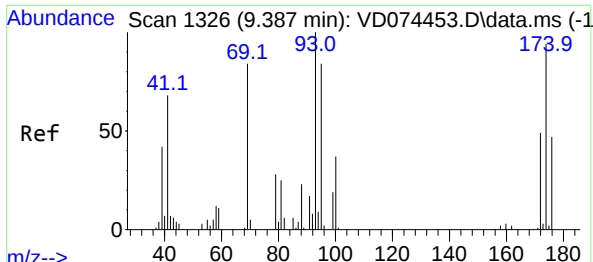
Tgt Ion: 83	Resp:	29741
Ion	Ratio	Lower Upper
83	100	
85	64.3	48.8 73.2
127	8.8	6.7 10.1



#48
Methyl methacrylate
Concen: 19.051 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 41	Resp:	8998
Ion	Ratio	Lower Upper
41	100	
69	108.5	93.0 139.4
39	56.7	44.6 66.8





#49

1,4-Dioxane

Concen: 411.715 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

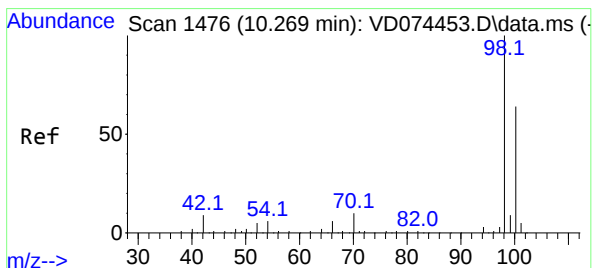
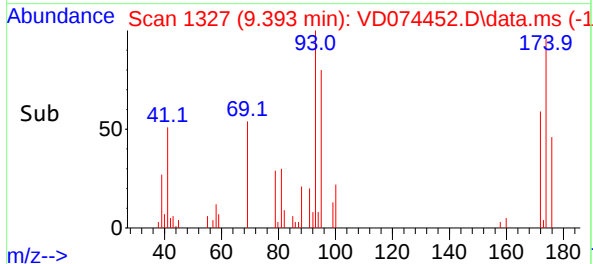
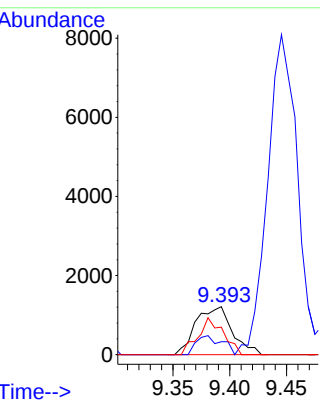
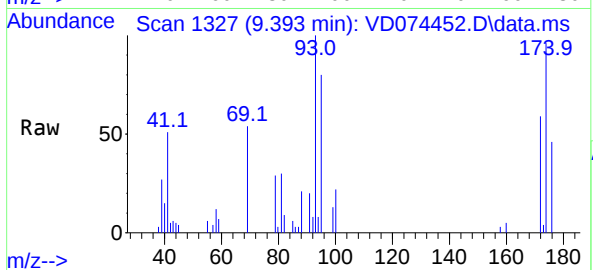
Tgt Ion: 88 Resp: 2690

Ion Ratio Lower Upper

88 100

43 28.1 24.1 36.1

58 53.7 43.1 64.7



#50

Toluene-d8

Concen: 15.484 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074452.D

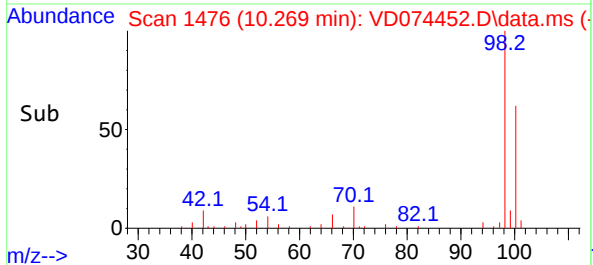
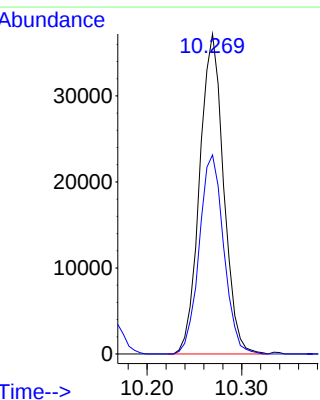
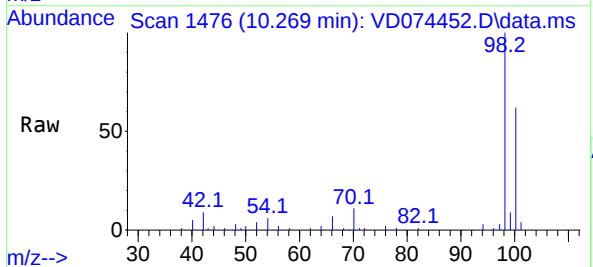
Acq: 05 Oct 2022 14:18

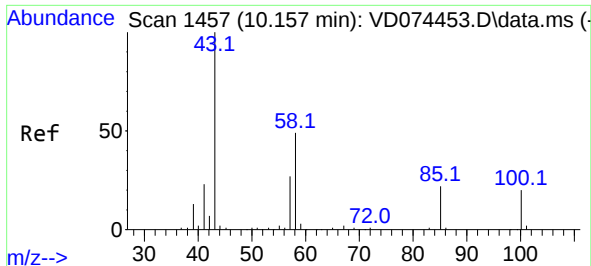
Tgt Ion: 98 Resp: 65280

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0

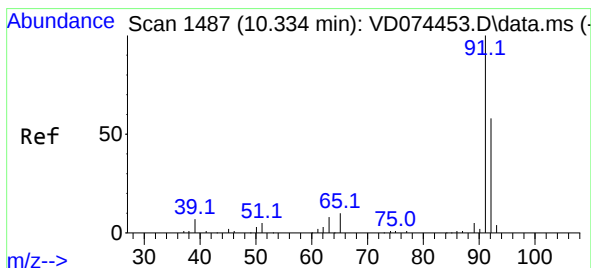
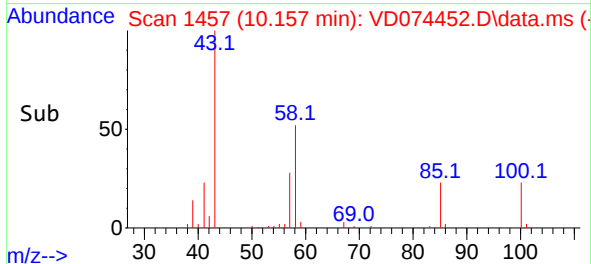
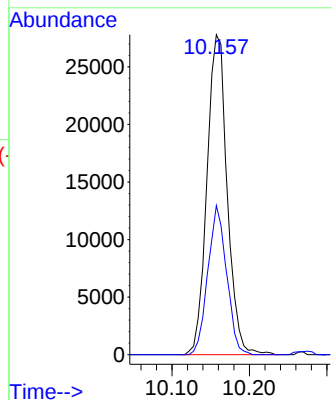
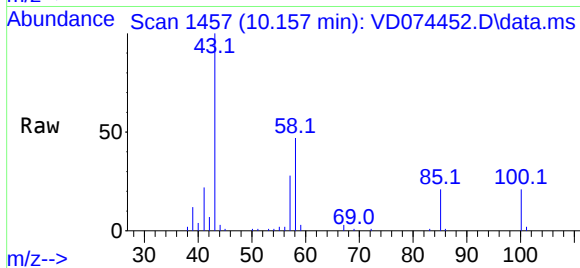




#51
4-Methyl-2-Pentanone
Concen: 92.348 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

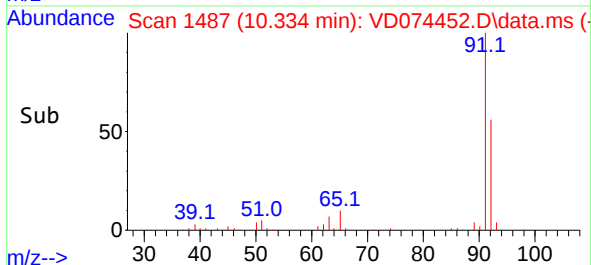
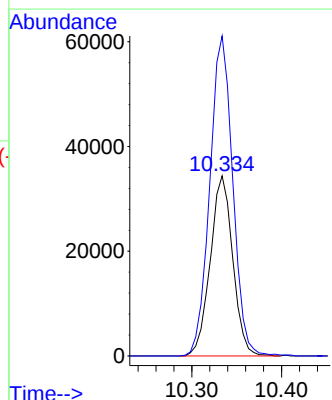
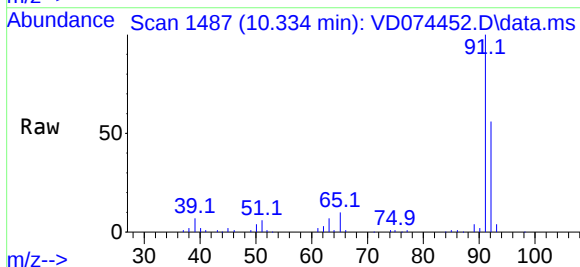
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

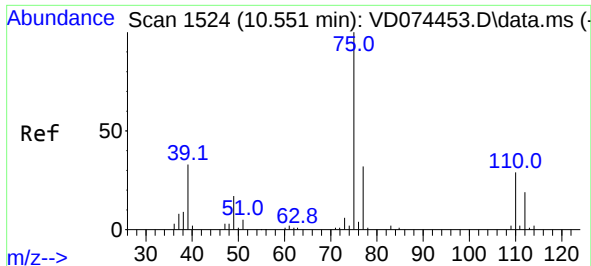
Tgt Ion: 43 Resp: 50406
Ion Ratio Lower Upper
43 100
58 43.1 37.8 56.6



#52
Toluene
Concen: 18.917 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 92 Resp: 59820
Ion Ratio Lower Upper
92 100
91 181.7 139.0 208.4

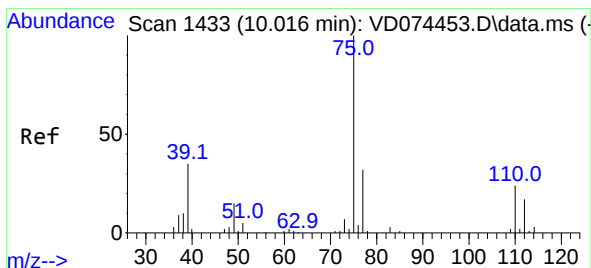
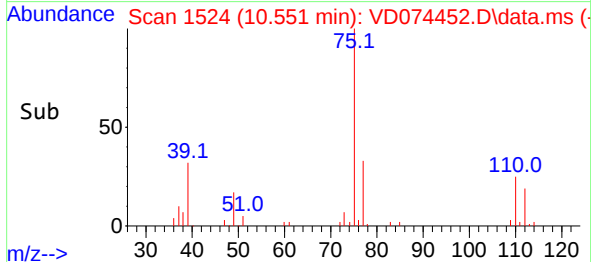
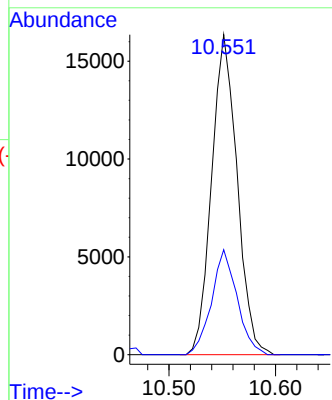
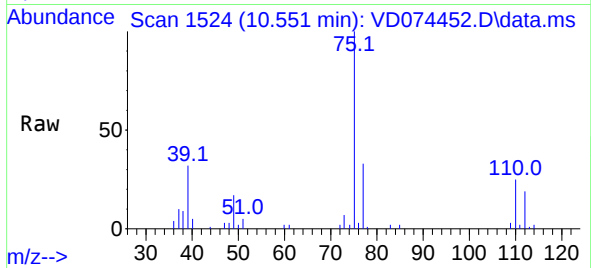




#53
 t-1,3-Dichloropropene
 Concen: 18.424 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

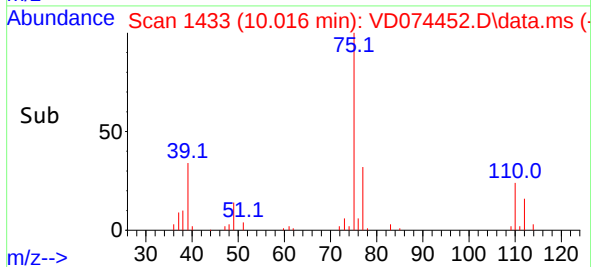
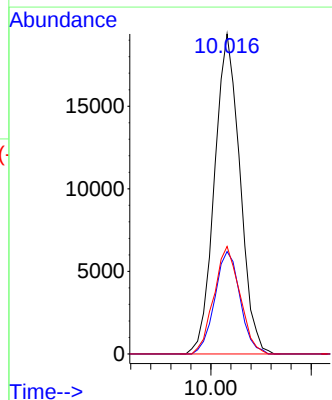
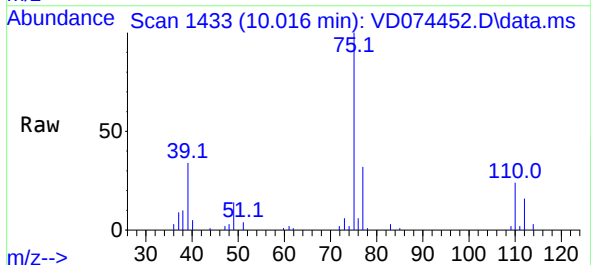
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

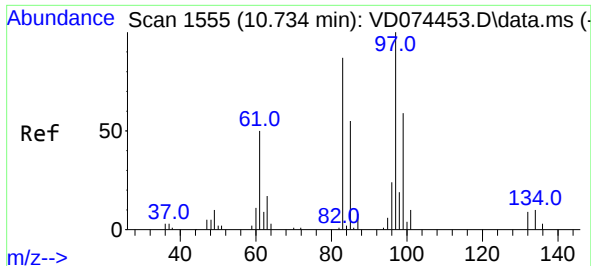
Tgt Ion: 75 Resp: 27184
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 18.338 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

Tgt Ion: 75 Resp: 34125
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1
 39 33.6 25.4 38.2



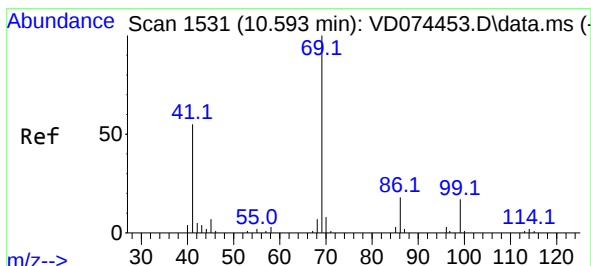
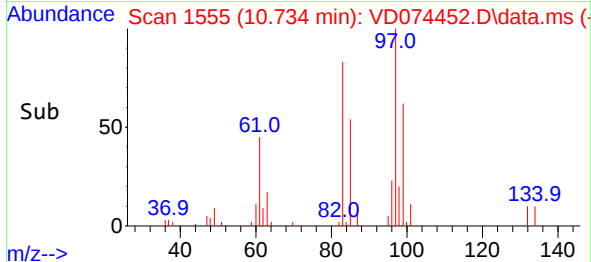
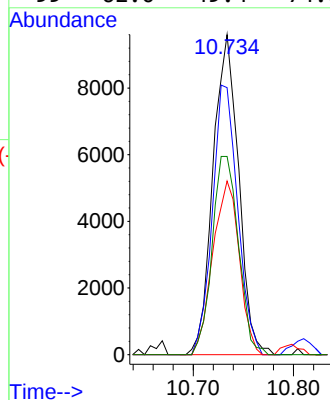
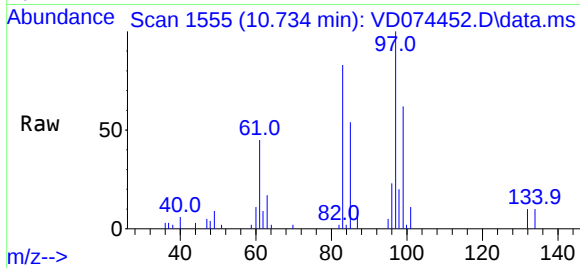


#55
1,1,2-Trichloroethane
Concen: 18.143 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 17000

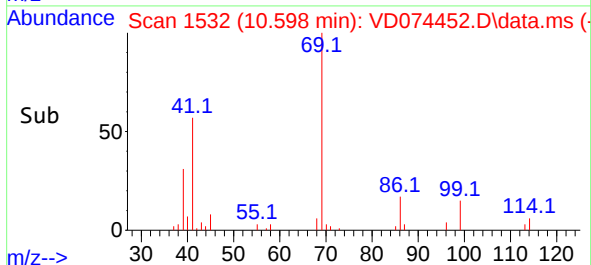
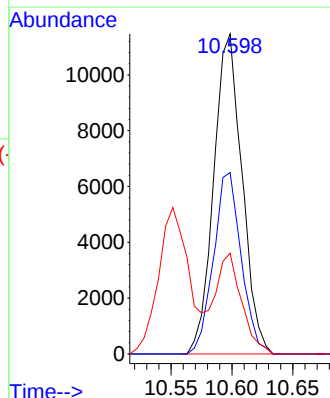
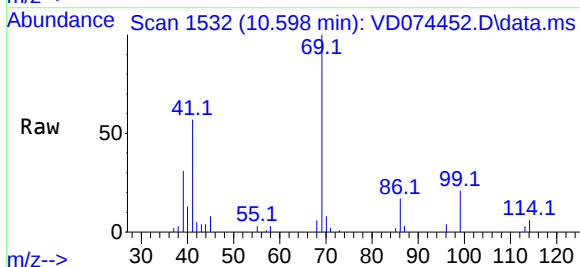
Ion	Ratio	Lower	Upper
97	100		
83	83.4	64.8	97.2
85	54.2	44.8	67.2
99	62.0	49.4	74.0

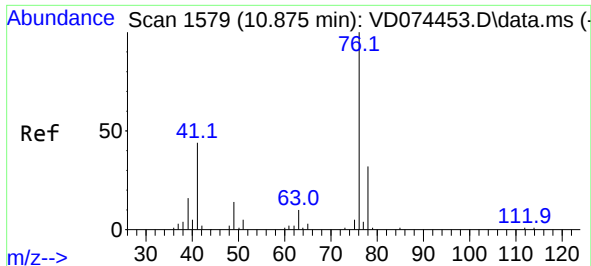


#56
Ethyl methacrylate
Concen: 17.467 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 69 Resp: 18571

Ion	Ratio	Lower	Upper
69	100		
41	55.5	38.6	58.0
39	30.2	19.9	29.9





#57

1,3-Dichloropropane

Concen: 17.981 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

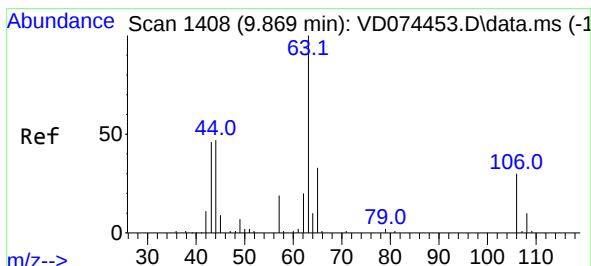
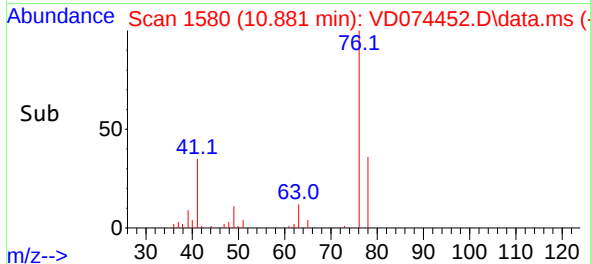
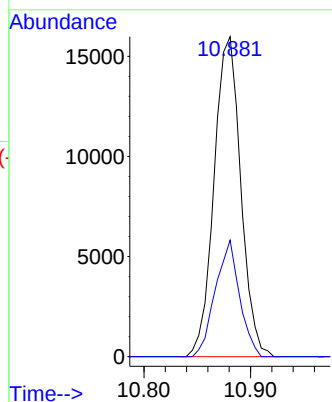
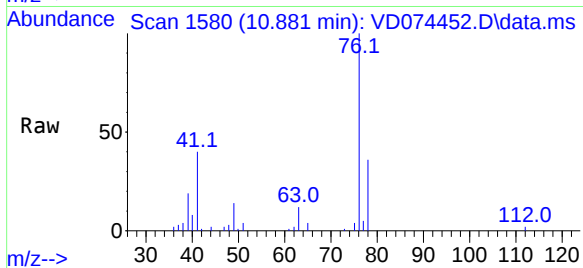
VSTDIC020

Tgt Ion: 76 Resp: 27804

Ion Ratio Lower Upper

76 100

78 33.0 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 83.365 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074452.D

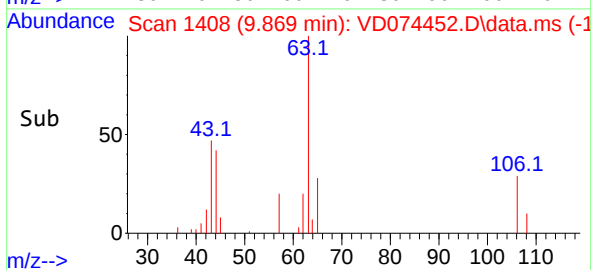
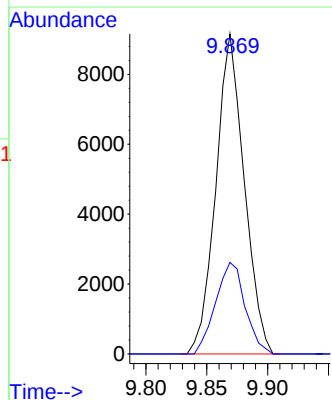
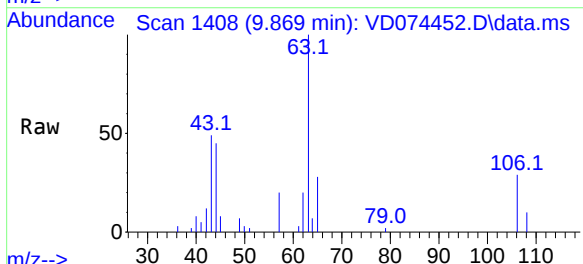
Acq: 05 Oct 2022 14:18

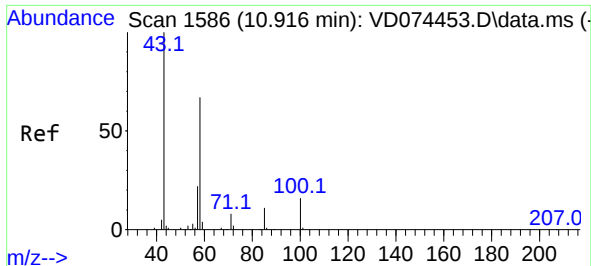
Tgt Ion: 63 Resp: 14825

Ion Ratio Lower Upper

63 100

106 29.7 26.5 39.7

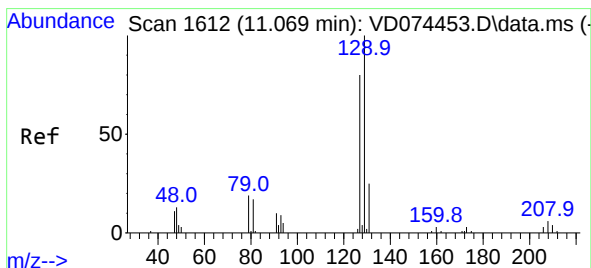
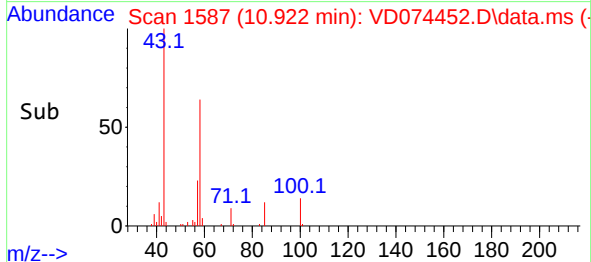
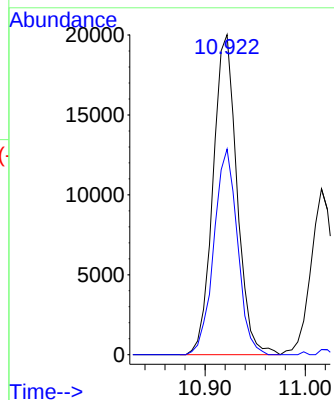
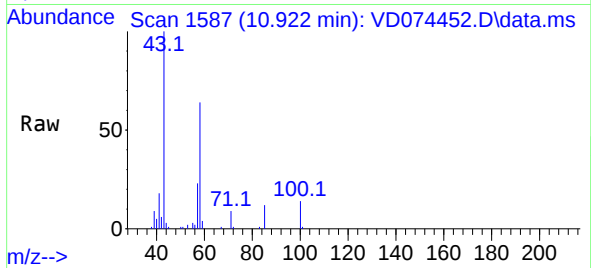




#59
2-Hexanone
Concen: 88.942 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

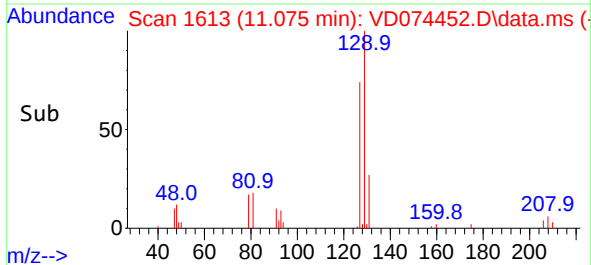
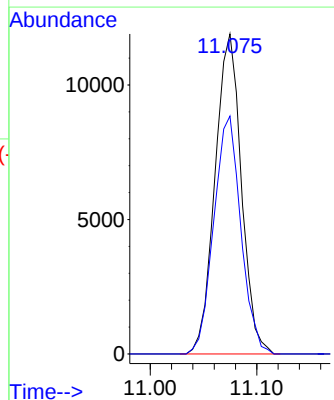
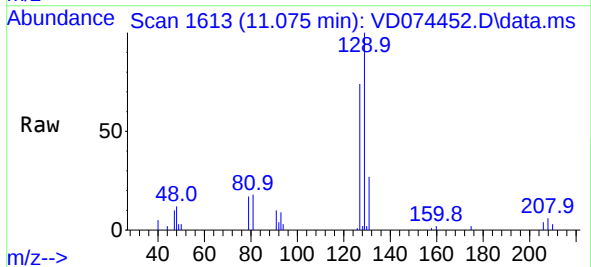
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

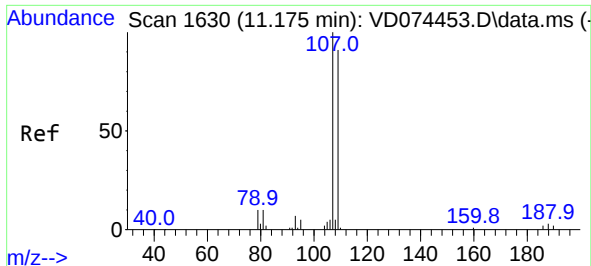
Tgt Ion: 43 Resp: 33221
Ion Ratio Lower Upper
43 100
58 63.4 32.0 96.2



#60
Dibromochloromethane
Concen: 17.518 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 129 Resp: 20412
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

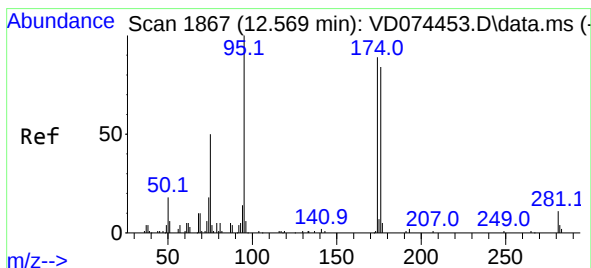
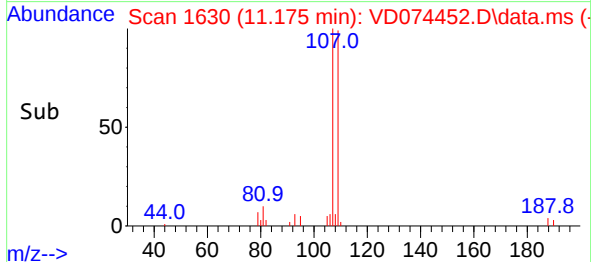
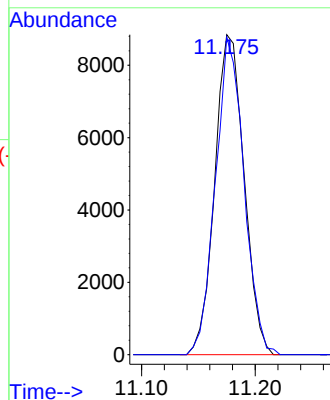
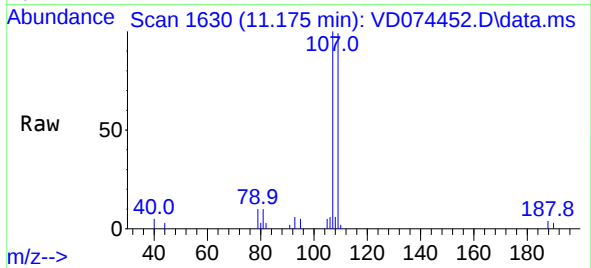




#61
1,2-Dibromoethane
Concen: 17.384 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

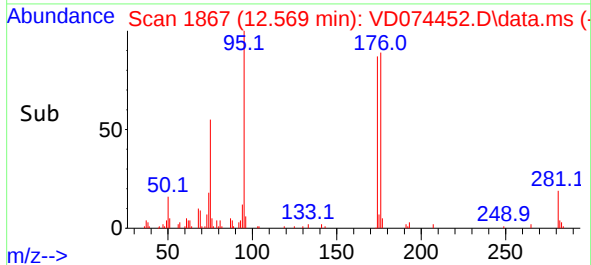
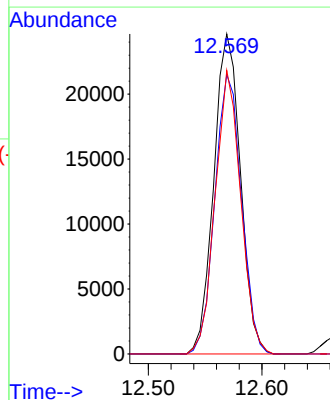
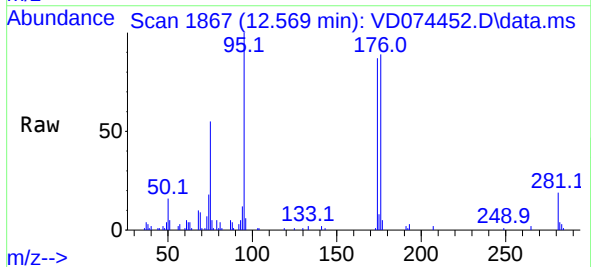
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

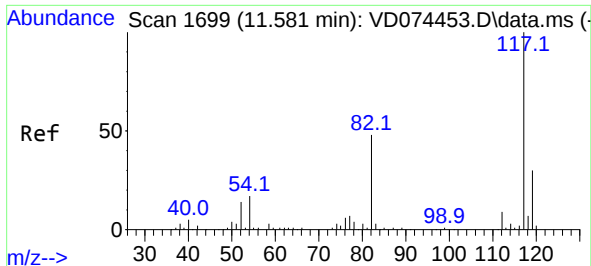
Tgt Ion:107 Resp: 15873
Ion Ratio Lower Upper
107 100
109 96.6 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 24.255 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 95 Resp: 40212
Ion Ratio Lower Upper
95 100
174 87.3 0.0 197.0
176 84.8 0.0 182.6

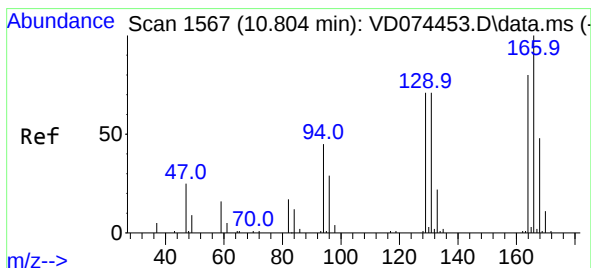
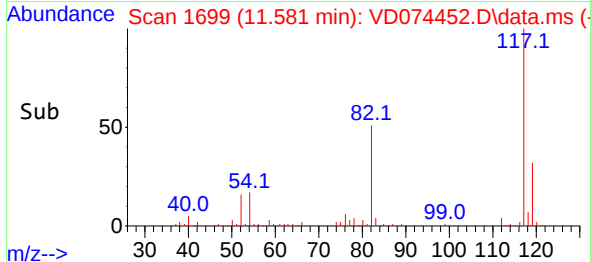
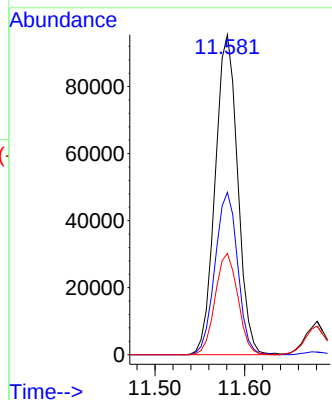
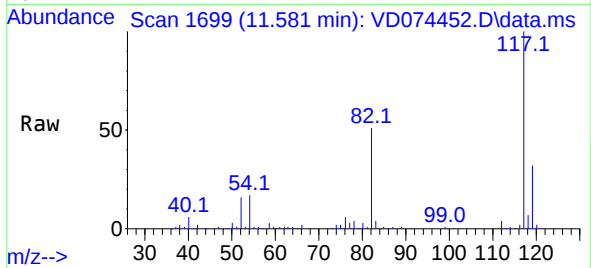




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

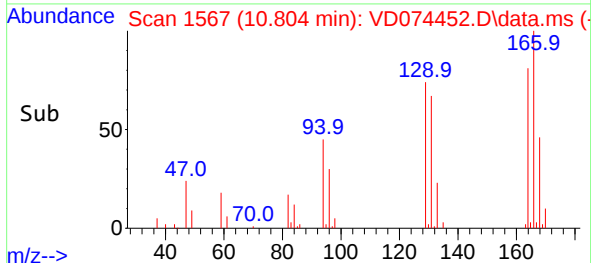
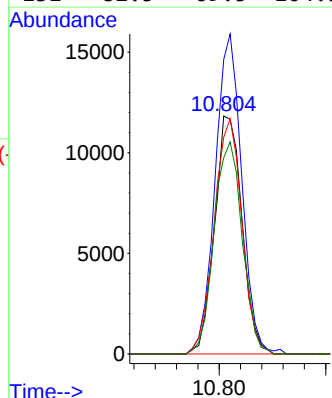
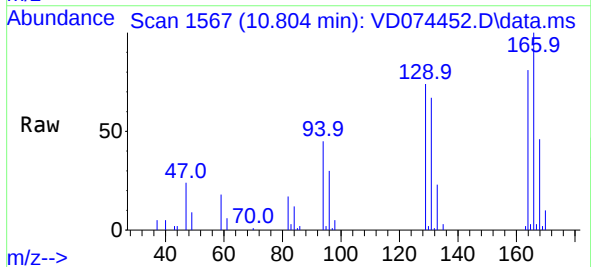
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

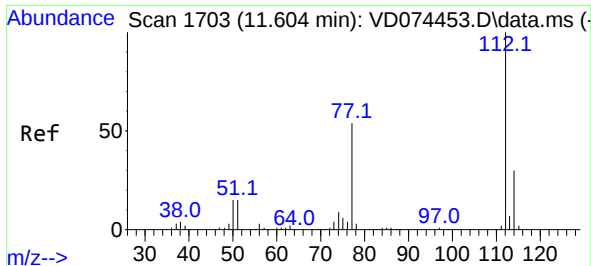
Tgt Ion:117 Resp: 166365
Ion Ratio Lower Upper
117 100
82 50.7 41.6 62.4
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 16.503 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:164 Resp: 21147
Ion Ratio Lower Upper
164 100
166 123.8 107.8 161.8
129 91.1 77.4 116.2
131 82.5 69.5 104.3

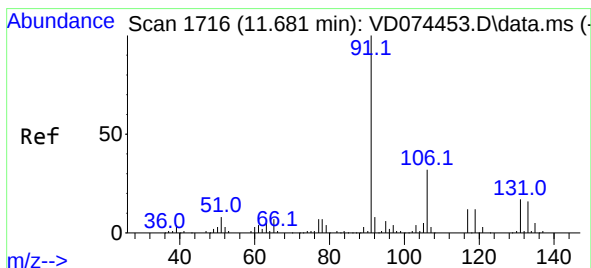
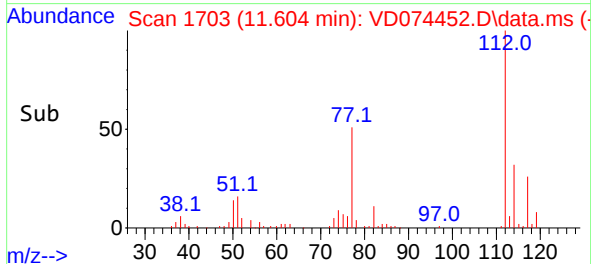
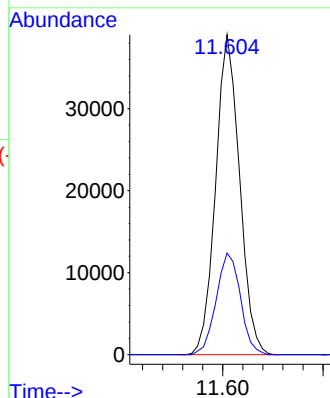
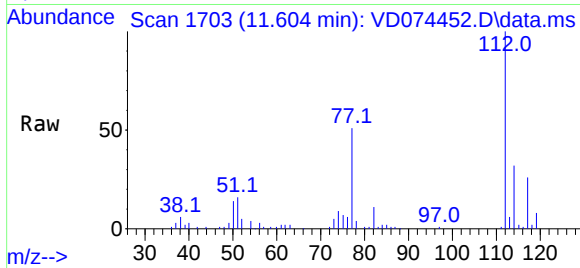




#65
Chlorobenzene
Concen: 18.154 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

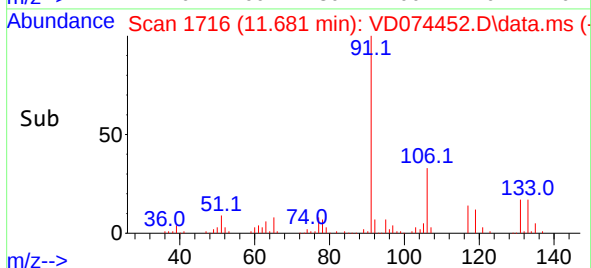
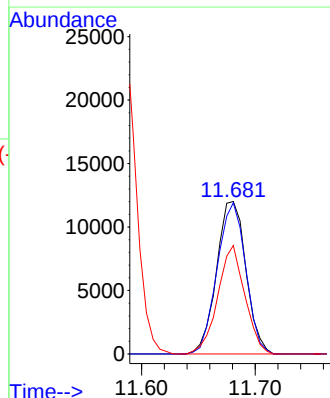
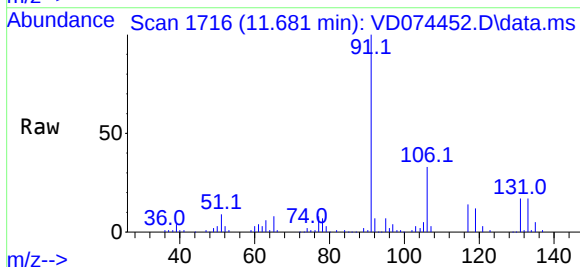
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

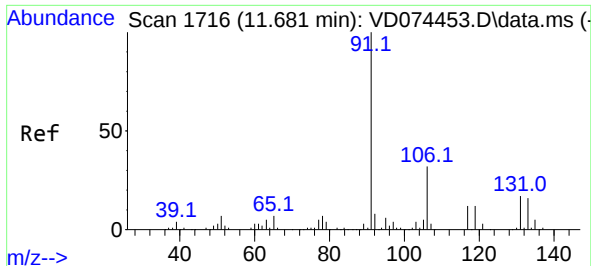
Tgt Ion:112 Resp: 64595
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.040 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:131 Resp: 21629
Ion Ratio Lower Upper
131 100
133 96.1 46.6 139.8
119 65.6 32.5 97.4

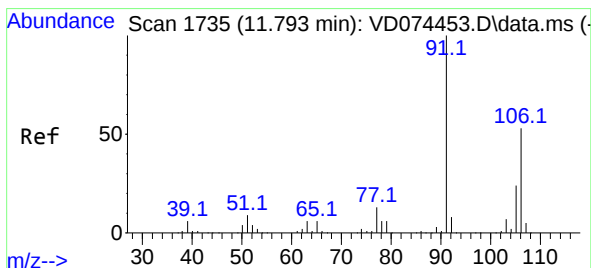
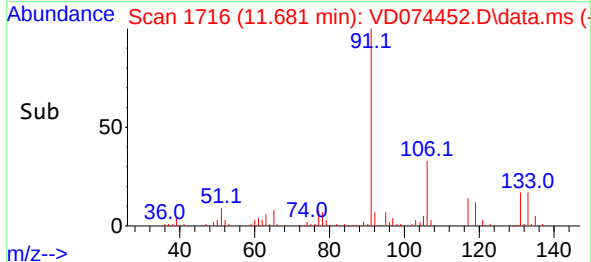
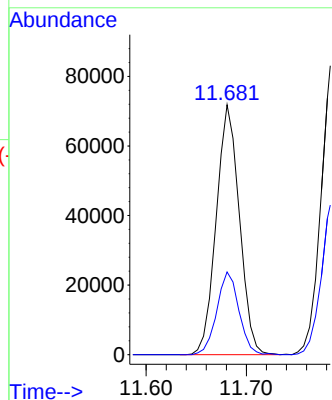
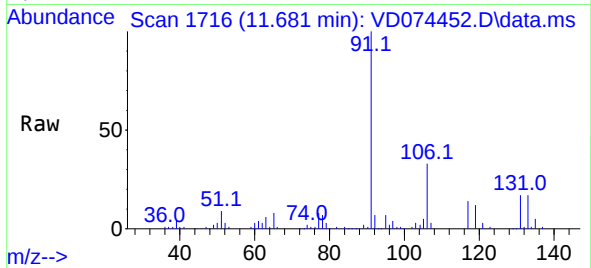




#67
Ethyl Benzene
Concen: 18.292 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

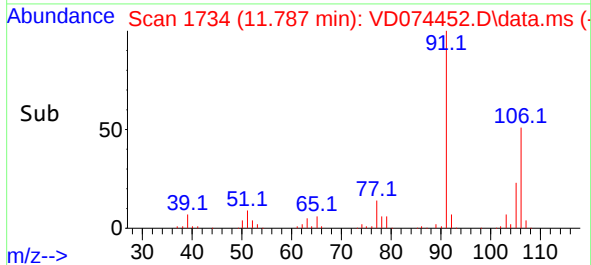
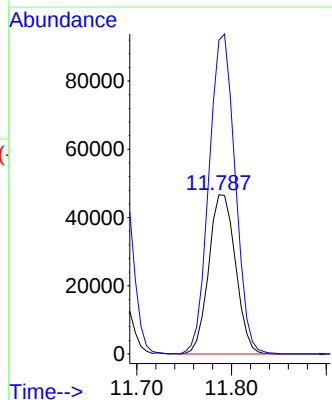
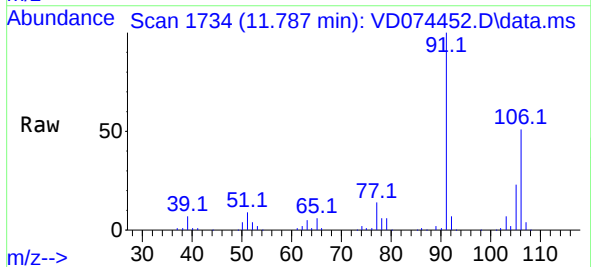
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

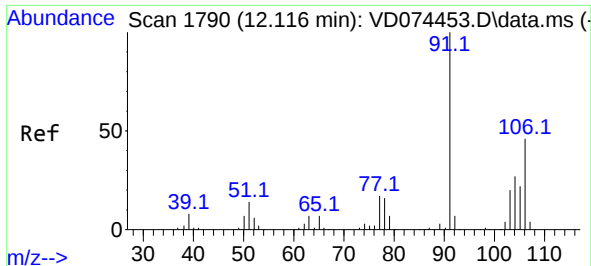
Tgt Ion: 91 Resp: 115069
Ion Ratio Lower Upper
91 100
106 33.1 26.6 40.0



#68
m/p-Xylenes
Concen: 37.117 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 106 Resp: 91636
Ion Ratio Lower Upper
106 100
91 196.6 156.2 234.4

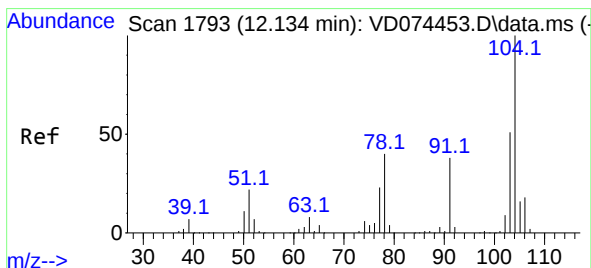
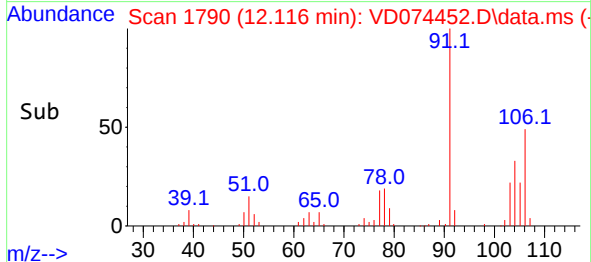
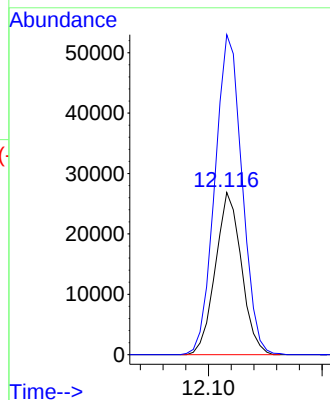
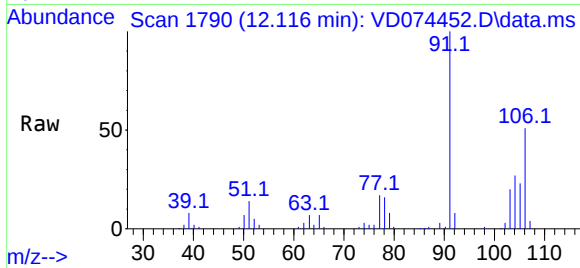




#69
o-Xylene
Concen: 18.769 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

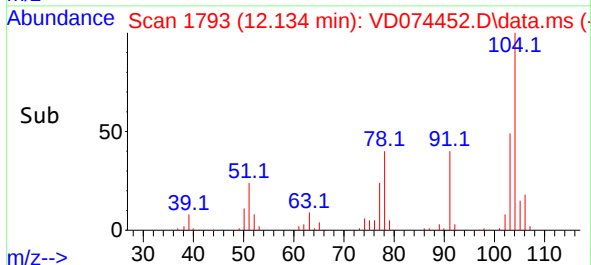
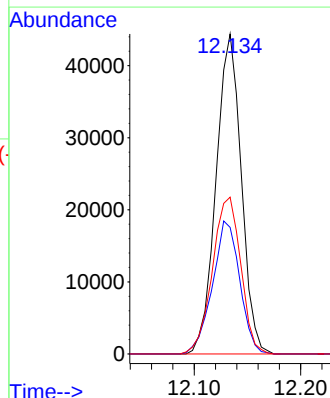
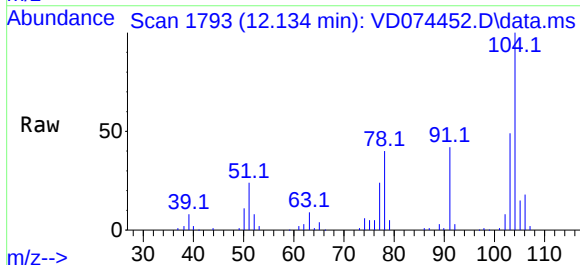
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

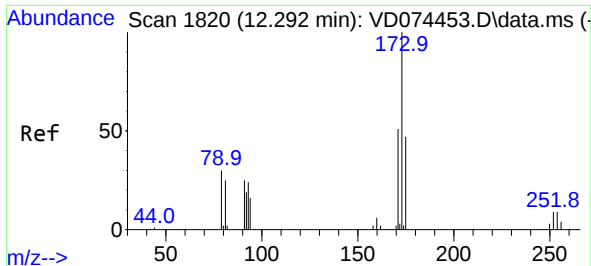
Tgt Ion:106 Resp: 42769
Ion Ratio Lower Upper
106 100
91 206.1 104.5 313.3



#70
Styrene
Concen: 18.416 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:104 Resp: 73010
Ion Ratio Lower Upper
104 100
78 45.0 35.7 53.5
103 54.9 43.7 65.5

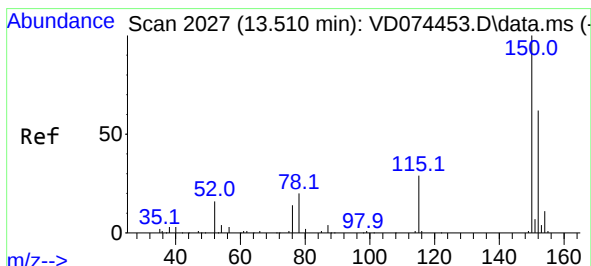
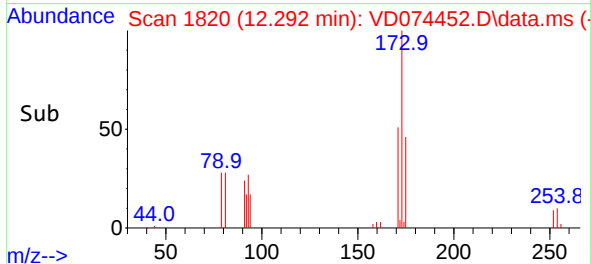
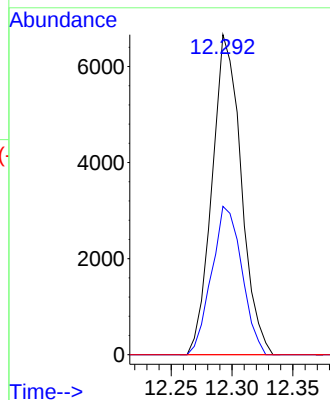
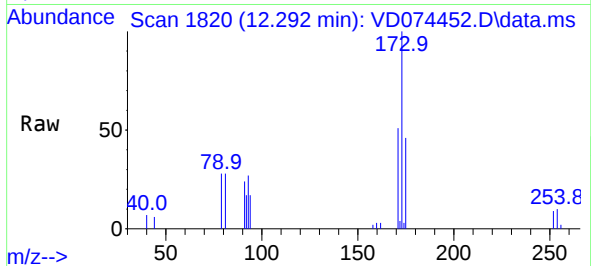




#71
Bromoform
Concen: 15.996 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

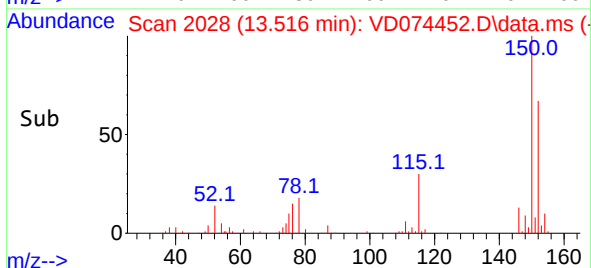
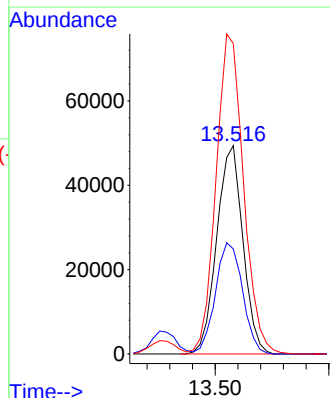
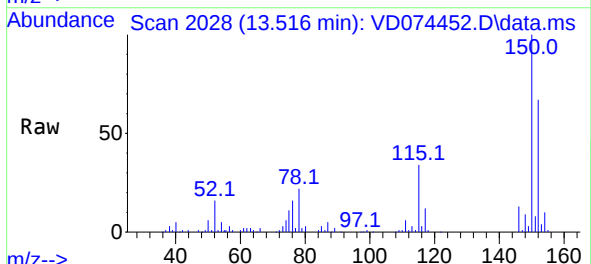
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

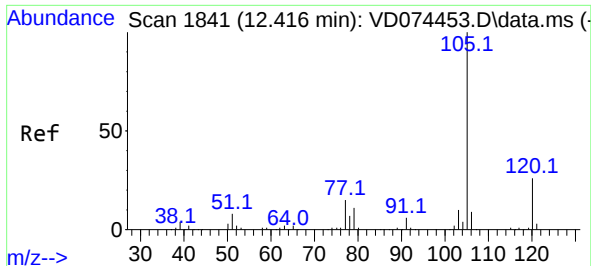
Tgt Ion:173 Resp: 11098
Ion Ratio Lower Upper
173 100
175 48.2 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:152 Resp: 79007
Ion Ratio Lower Upper
152 100
115 55.1 26.8 80.4
150 161.6 0.0 348.2

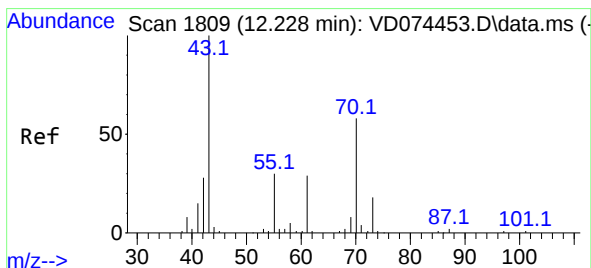
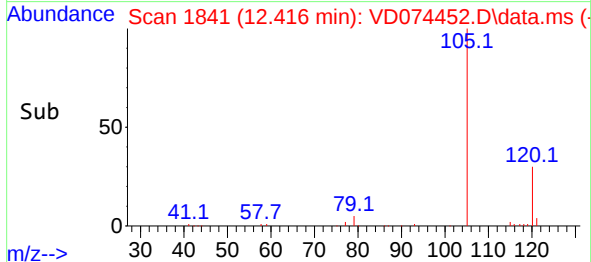
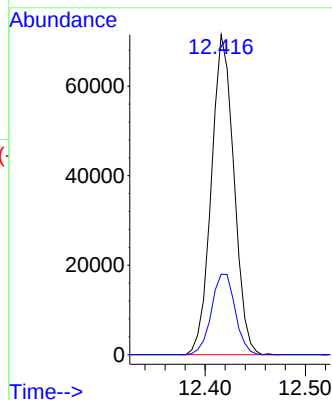
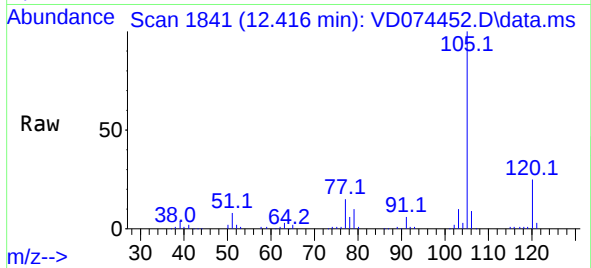




#73
Isopropylbenzene
Concen: 19.008 ug/l
RT: 12.416 min Scan# 111908
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

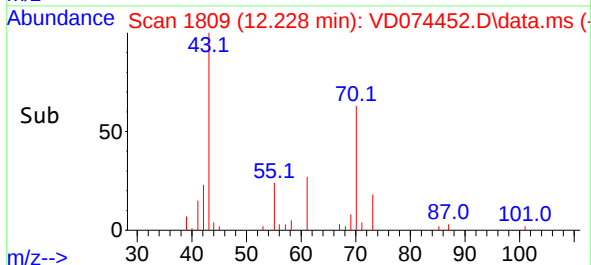
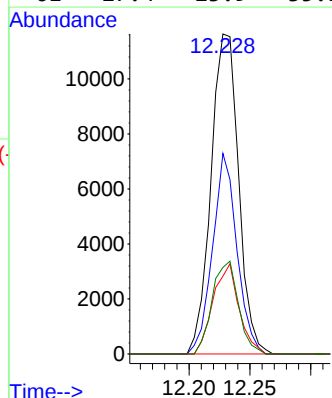
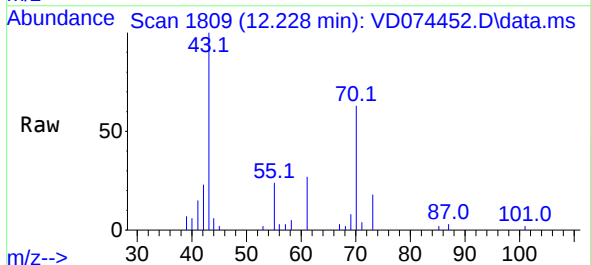
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

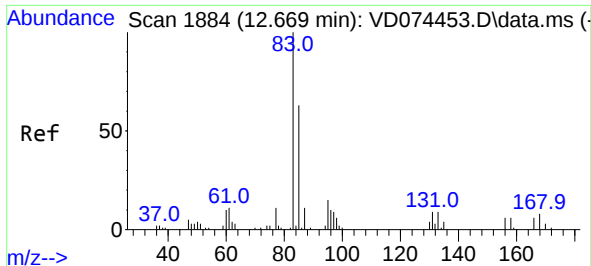
Tgt Ion:105 Resp: 111908
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 19.431 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 43 Resp: 18366
Ion Ratio Lower Upper
43 100
70 55.3 43.8 65.6
55 26.4 22.0 33.0
61 27.4 23.9 35.9

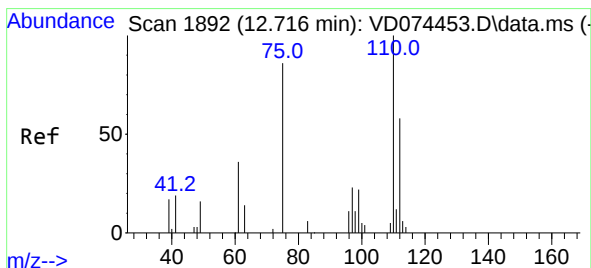
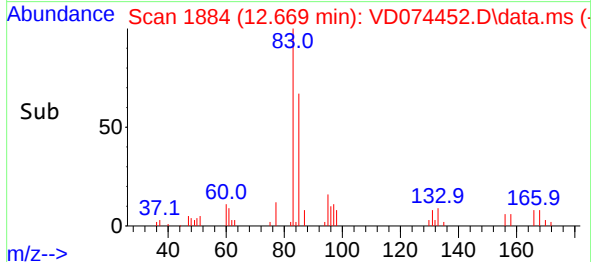
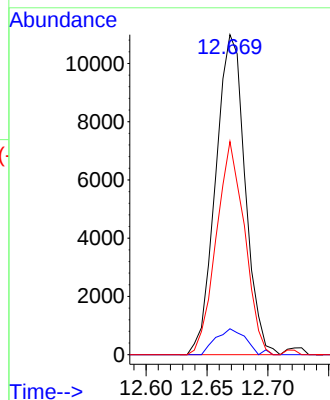
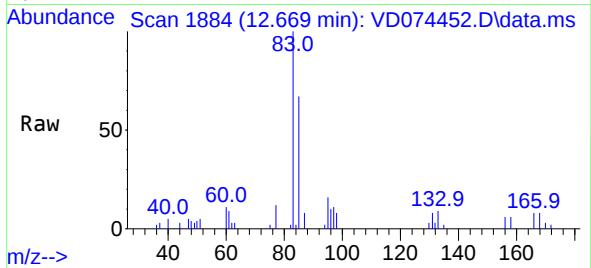




#75
1,1,2,2-Tetrachloroethane
Concen: 18.054 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

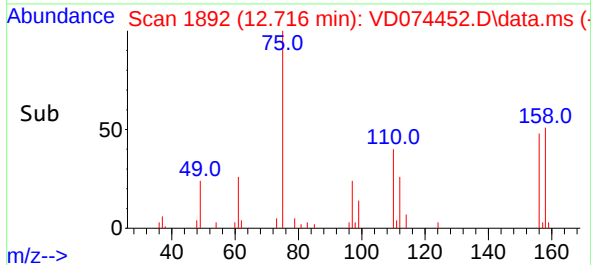
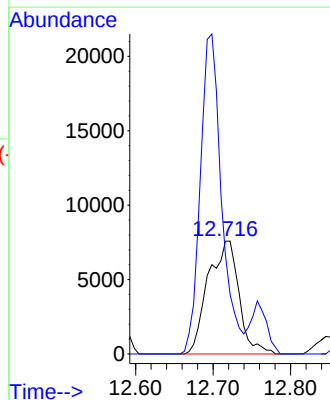
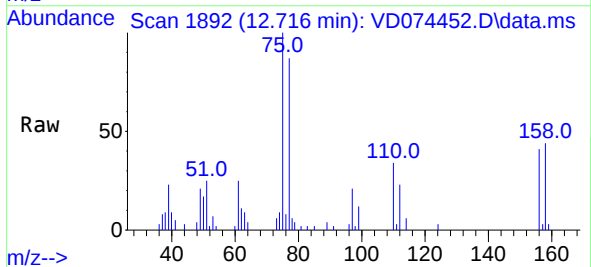
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

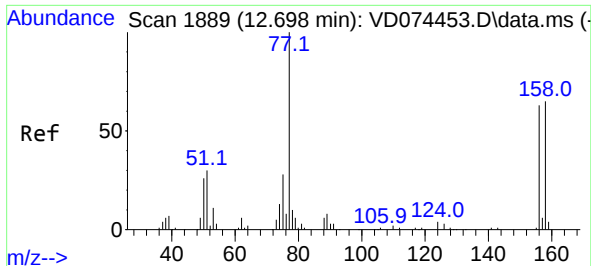
Tgt Ion: 83 Resp: 18466
Ion Ratio Lower Upper
83 100
131 8.3 4.7 14.1
85 64.1 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 34.036 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 75 Resp: 20990
Ion Ratio Lower Upper
75 100
77 195.9 185.8 557.5

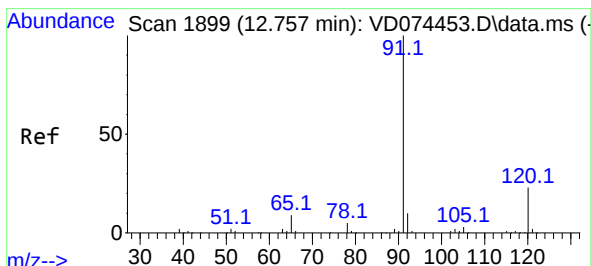
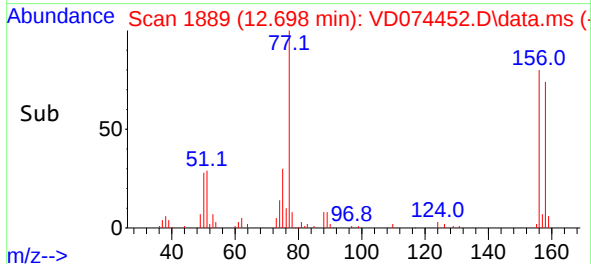
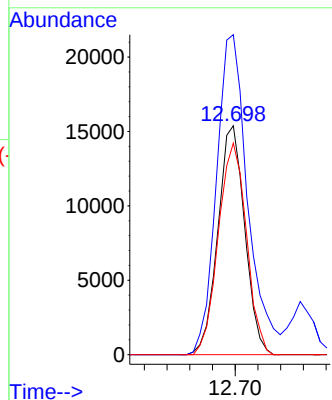
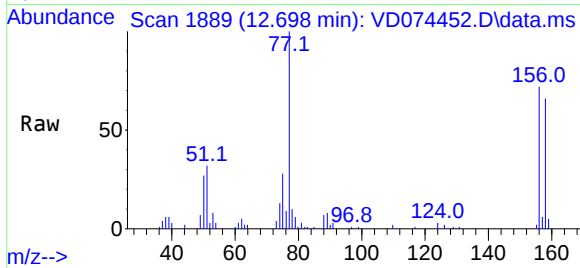




#77
Bromobenzene
Concen: 18.333 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

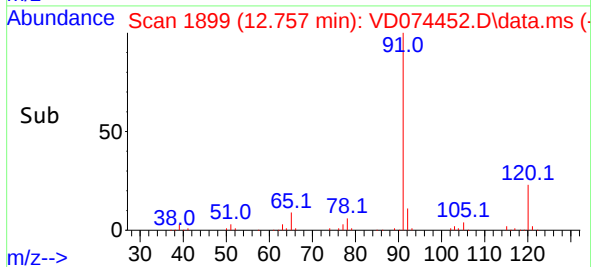
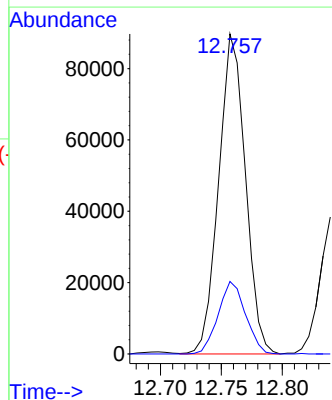
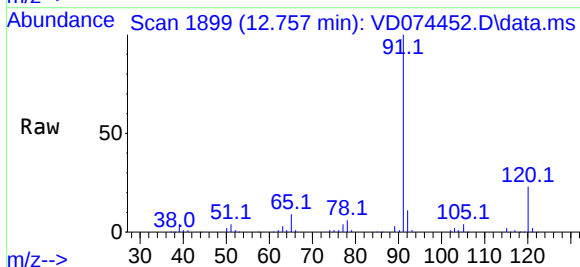
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

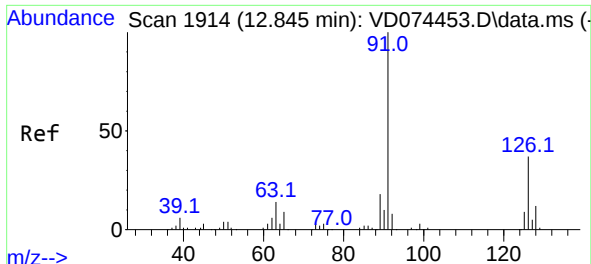
Tgt Ion:156 Resp: 25323
Ion Ratio Lower Upper
156 100
77 162.4 77.7 233.1
158 96.3 49.4 148.2



#78
n-propylbenzene
Concen: 19.249 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 91 Resp: 136942
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 19.262 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

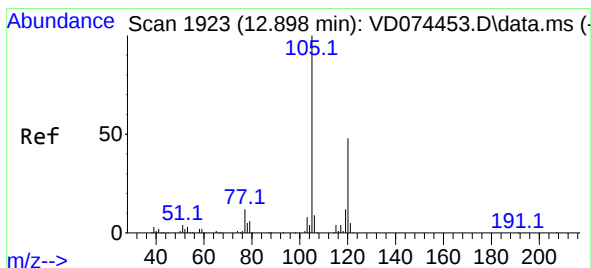
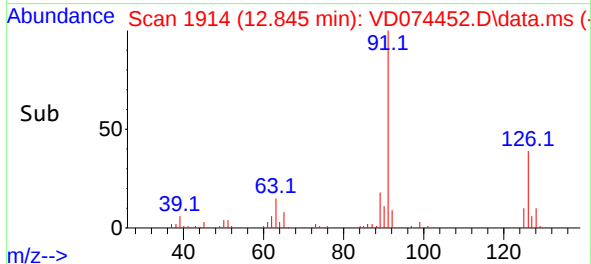
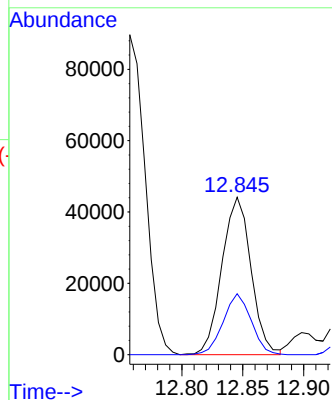
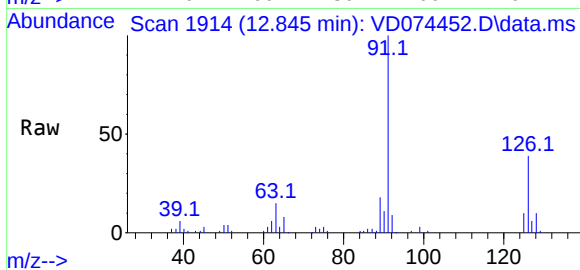
VSTDICC020

Tgt Ion: 91 Resp: 73658

Ion Ratio Lower Upper

91 100

126 37.0 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 19.386 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VD074452.D

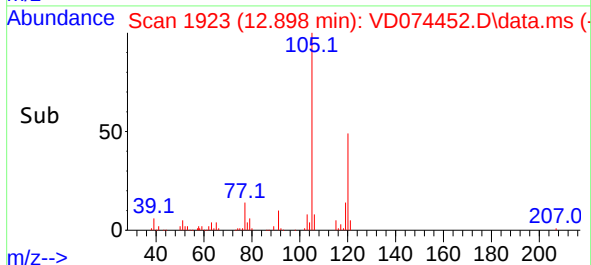
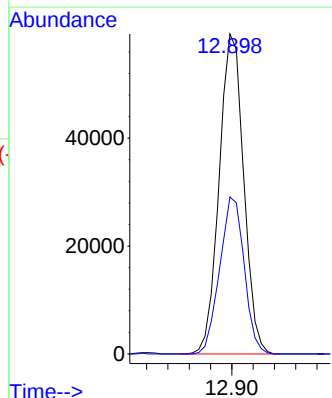
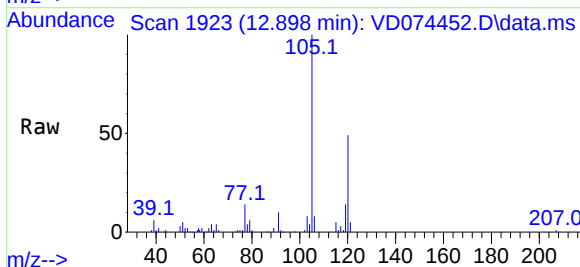
Acq: 05 Oct 2022 14:18

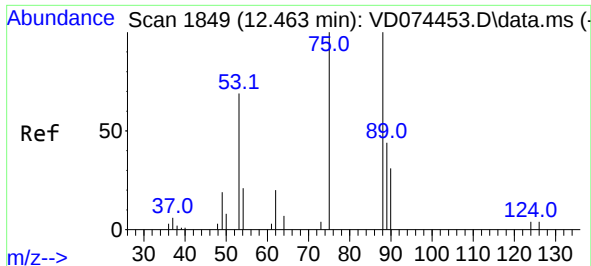
Tgt Ion:105 Resp: 94641

Ion Ratio Lower Upper

105 100

120 49.0 25.7 77.0



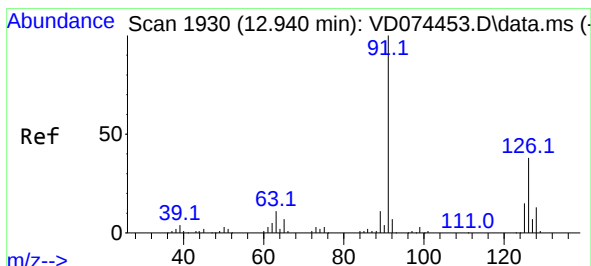
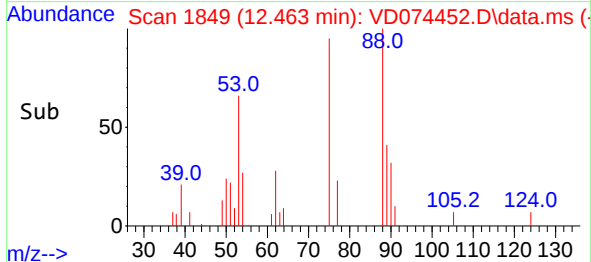
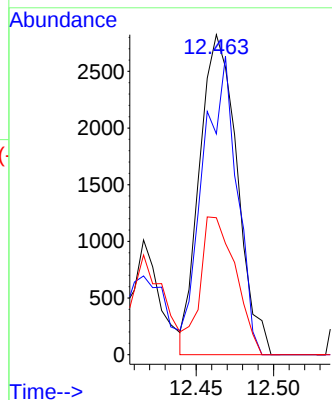
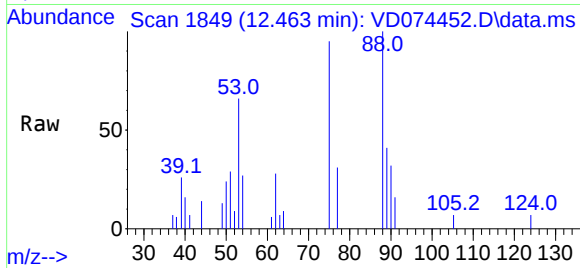


#81
trans-1,4-Dichloro-2-butene
Concen: 18.144 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 4753

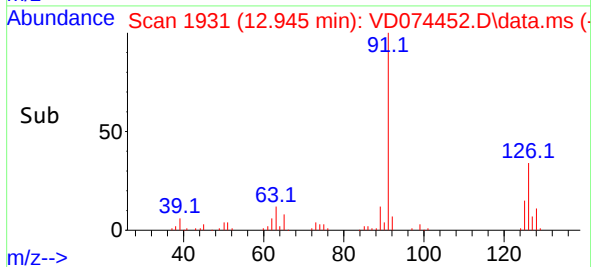
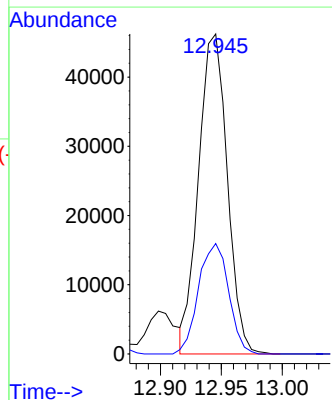
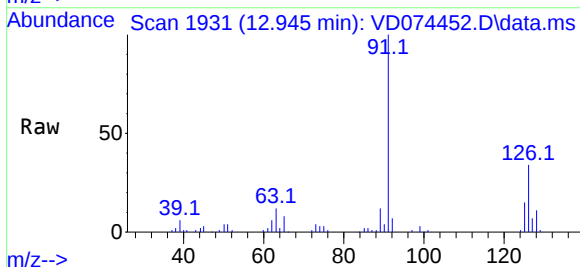
Ion	Ratio	Lower	Upper
75	100		
53	84.2	63.8	95.6
89	40.8	38.2	57.4

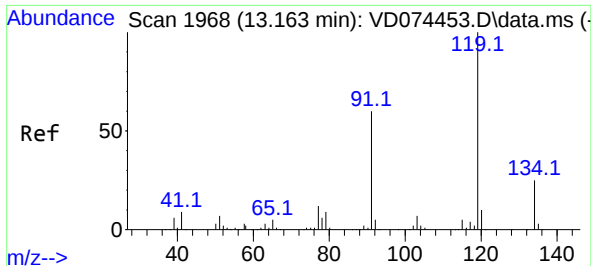


#82
4-Chlorotoluene
Concen: 19.355 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.006 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 91 Resp: 75940

Ion	Ratio	Lower	Upper
91	100		
126	36.1	18.8	56.4

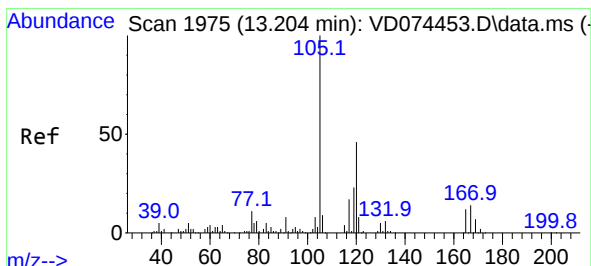
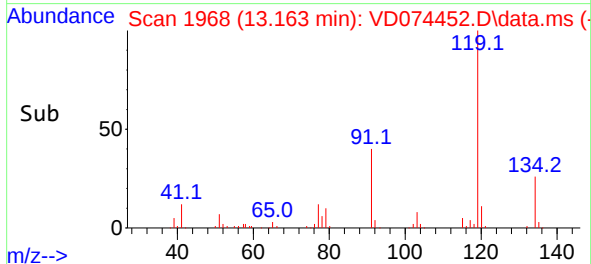
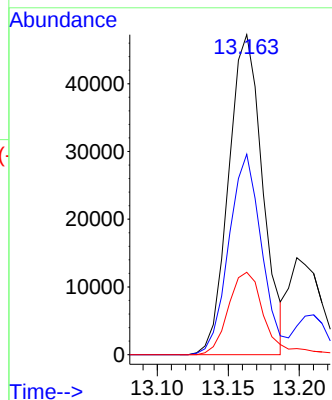
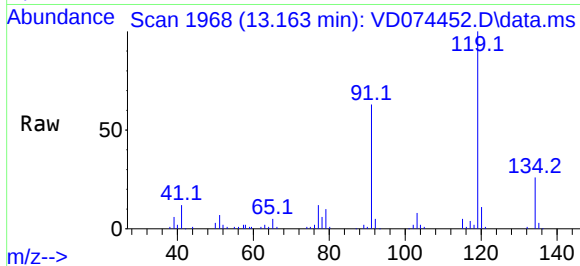




#83
tert-Butylbenzene
Concen: 17.923 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

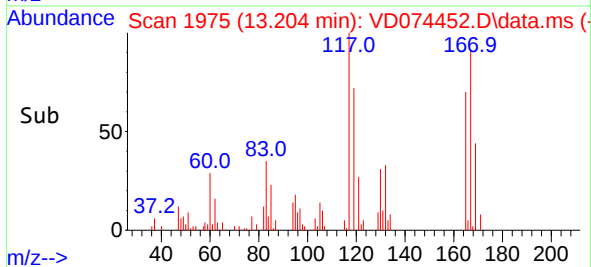
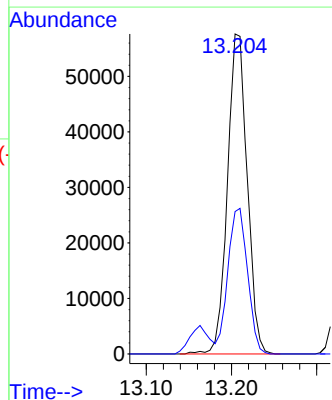
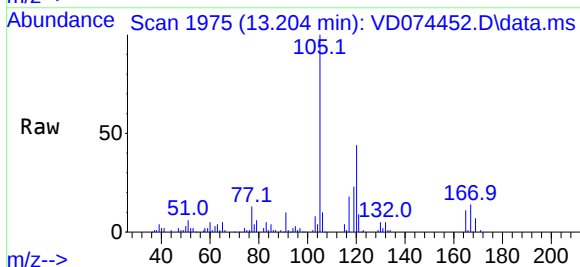
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

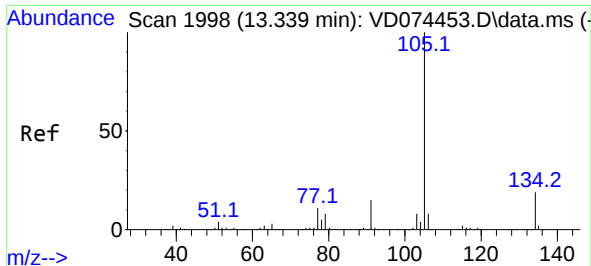
Tgt Ion:119 Resp: 78583
Ion Ratio Lower Upper
119 100
91 61.0 30.0 90.0
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.137 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:105 Resp: 92716
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7

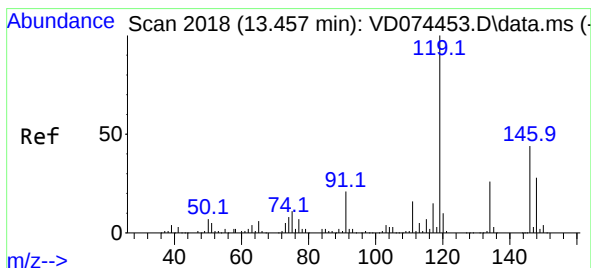
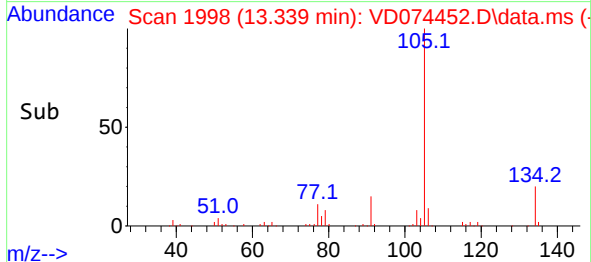
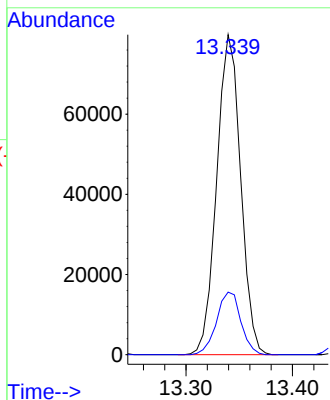
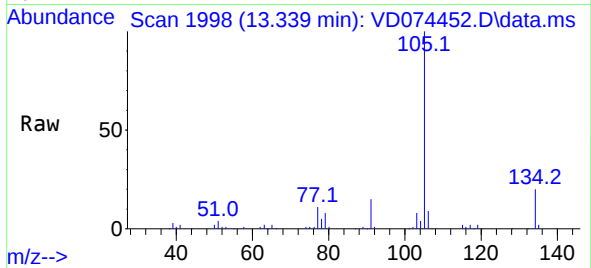




#85
 sec-Butylbenzene
 Concen: 18.866 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

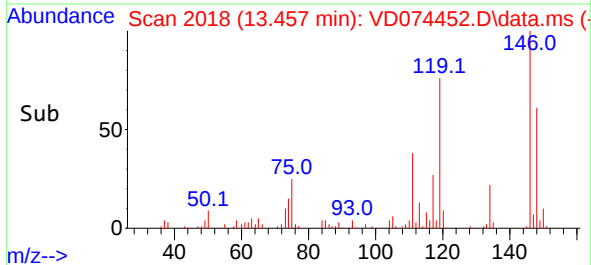
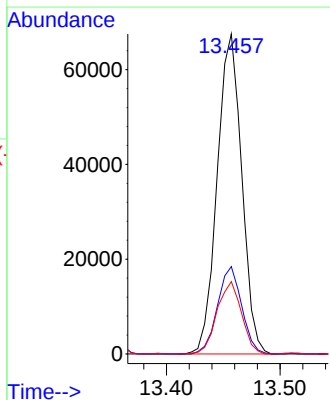
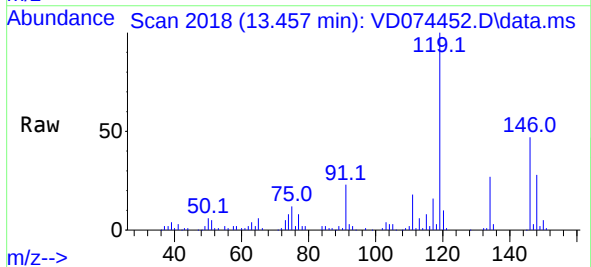
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

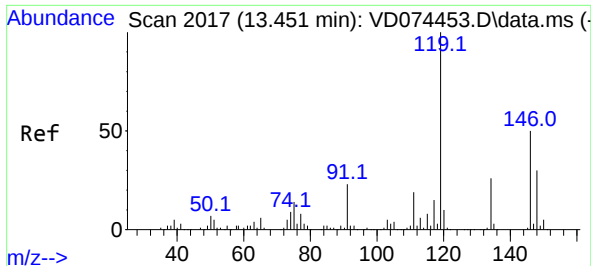
Tgt Ion:105 Resp: 124344
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 18.479 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074452.D
 Acq: 05 Oct 2022 14:18

Tgt Ion:119 Resp: 101382
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.6 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 18.344 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

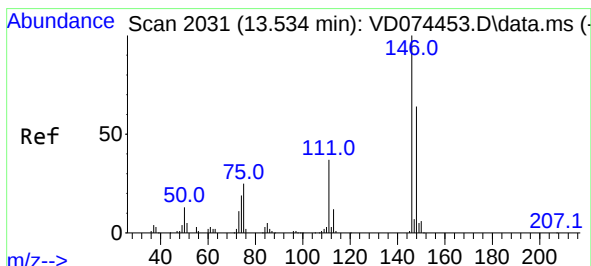
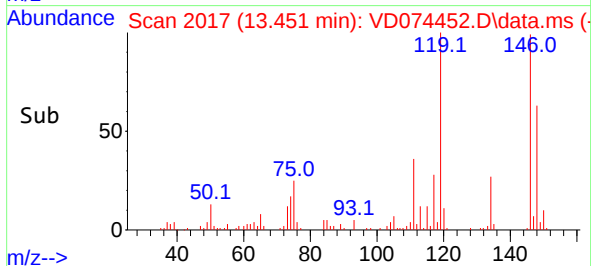
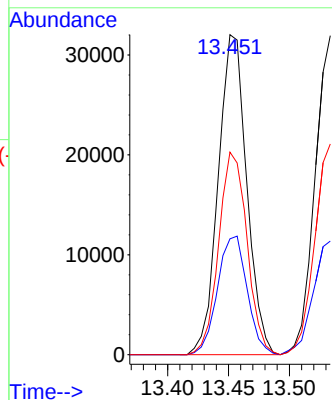
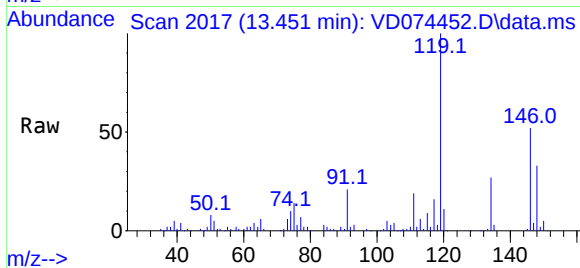
Tgt Ion:146 Resp: 52140

Ion Ratio Lower Upper

146 100

111 38.6 18.3 54.8

148 63.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 17.844 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

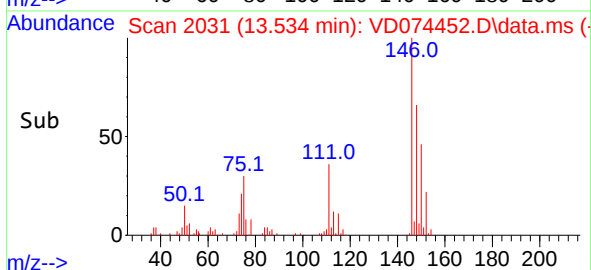
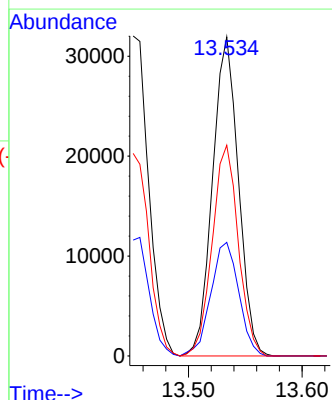
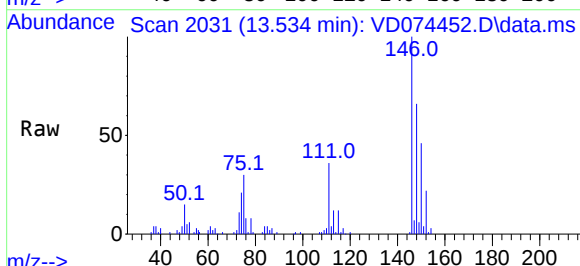
Tgt Ion:146 Resp: 50549

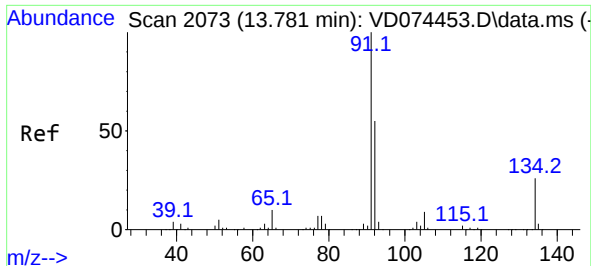
Ion Ratio Lower Upper

146 100

111 38.6 17.7 53.1

148 66.7 32.3 96.9



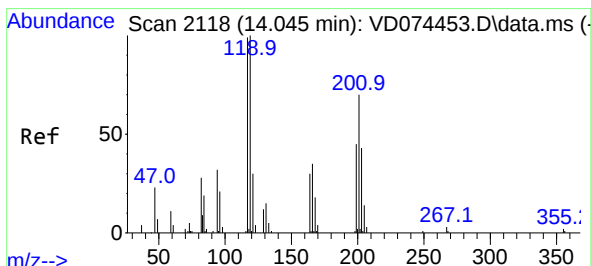
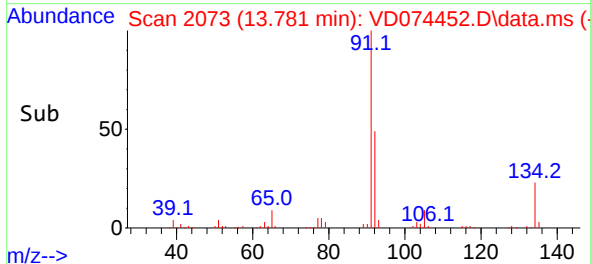
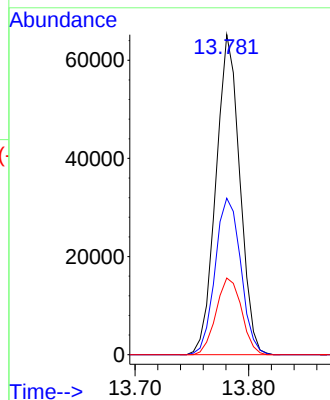
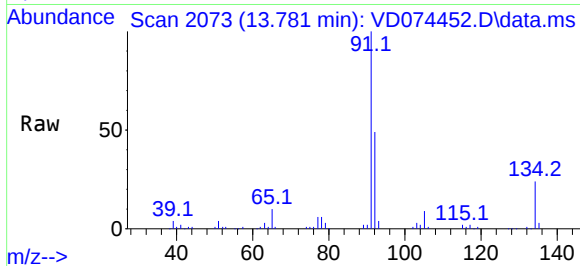


#89
n-Butylbenzene
Concen: 18.640 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 95324

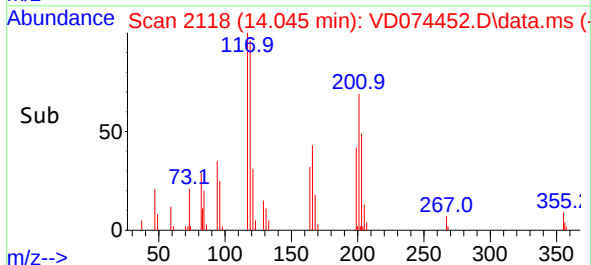
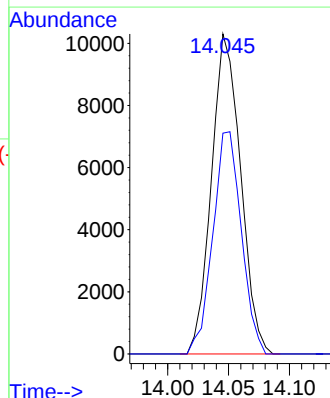
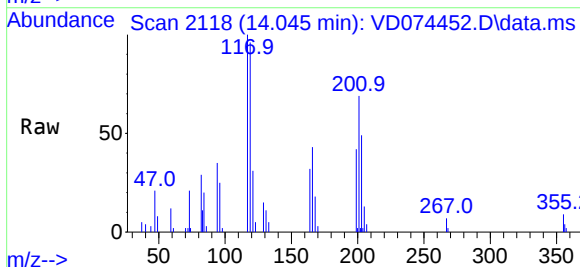
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.9	80.7
134	25.5	13.4	40.2

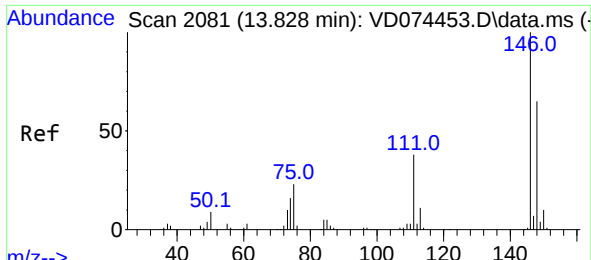


#90
Hexachloroethane
Concen: 17.654 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion: 117 Resp: 17187

Ion	Ratio	Lower	Upper
117	100		
201	67.9	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 17.828 ug/l

RT: 13.822 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

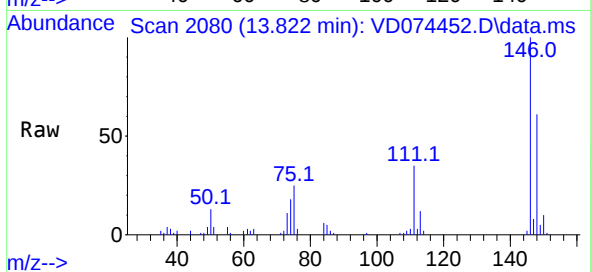
Tgt Ion:146 Resp: 43954

Ion Ratio Lower Upper

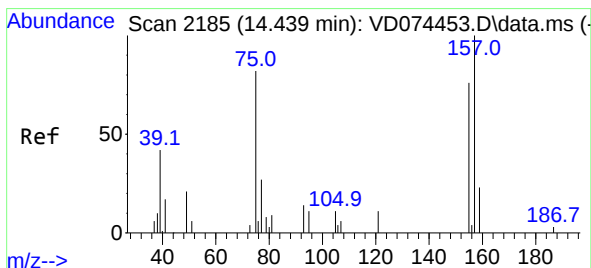
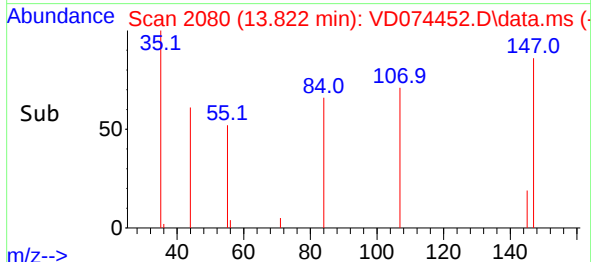
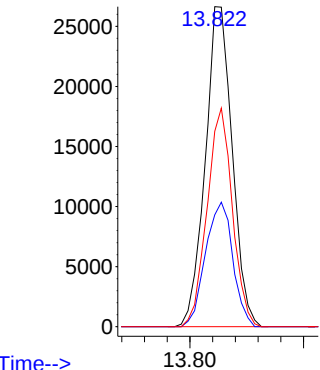
146 100

111 39.4 18.9 56.5

148 64.1 31.9 95.5



Abundance



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.025 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD074452.D

Acq: 05 Oct 2022 14:18

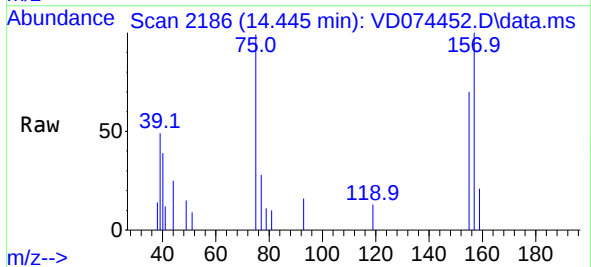
Tgt Ion: 75 Resp: 2704

Ion Ratio Lower Upper

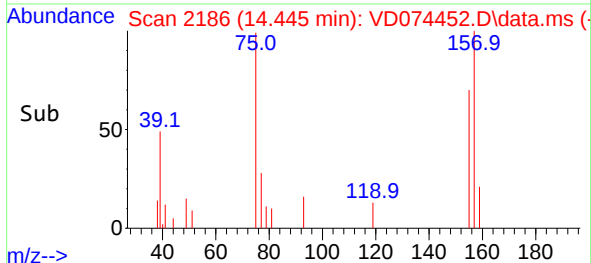
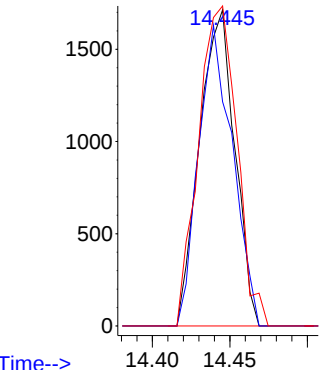
75 100

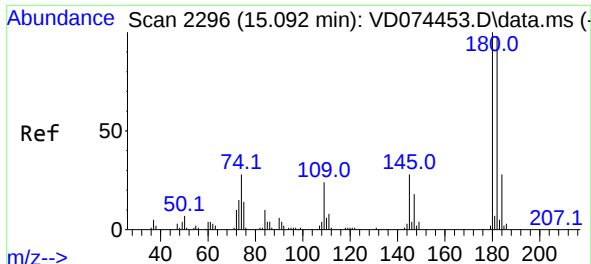
155 91.6 51.2 153.8

157 110.7 68.2 204.5



Abundance

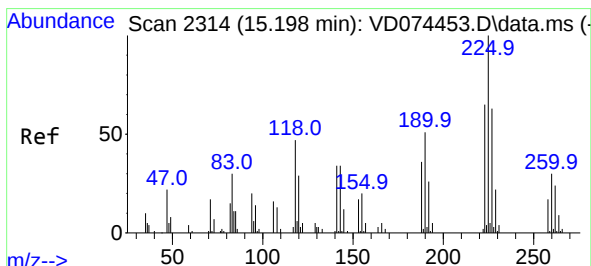
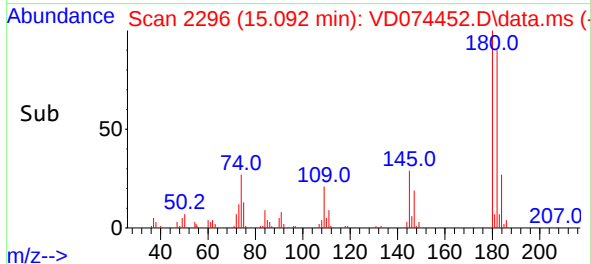
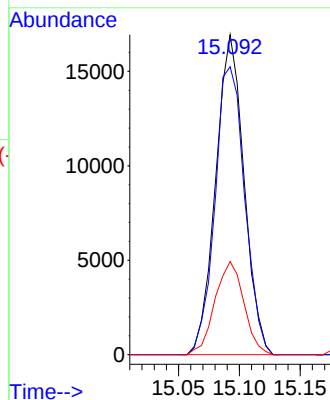
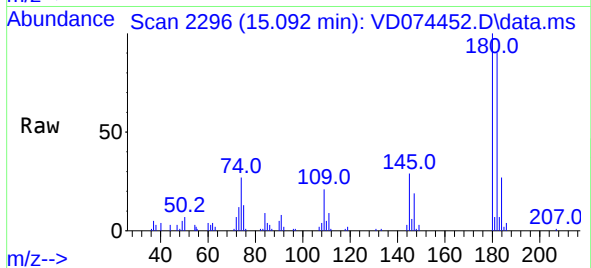




#93
1,2,4-Trichlorobenzene
Concen: 16.468 ug/l
RT: 15.092 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

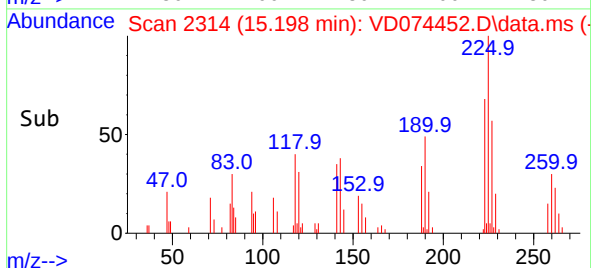
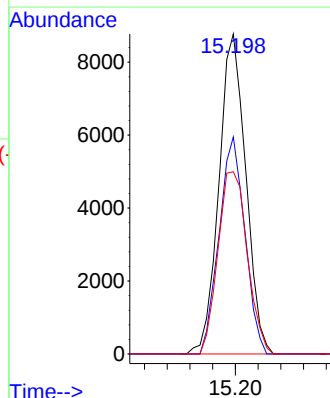
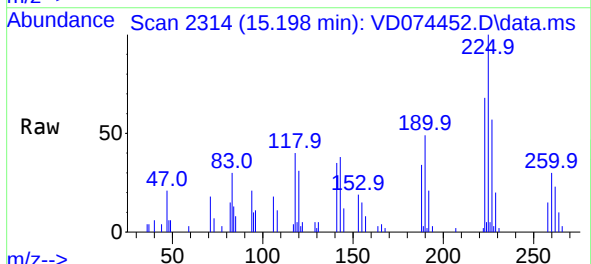
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

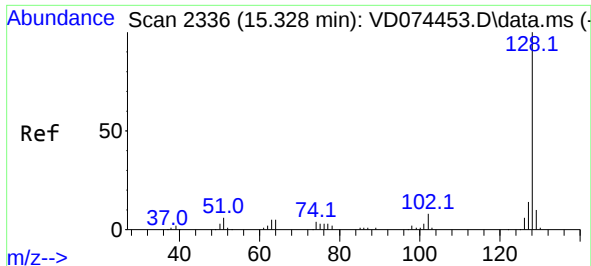
Tgt Ion:180 Resp: 27396
Ion Ratio Lower Upper
180 100
182 94.9 46.9 140.6
145 29.8 14.1 42.3



#94
Hexachlorobutadiene
Concen: 15.877 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:225 Resp: 14391
Ion Ratio Lower Upper
225 100
223 64.9 31.9 95.5
227 62.0 32.6 97.8

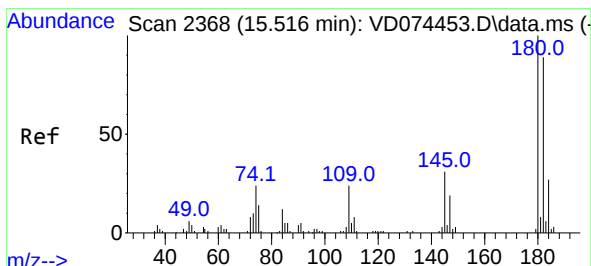
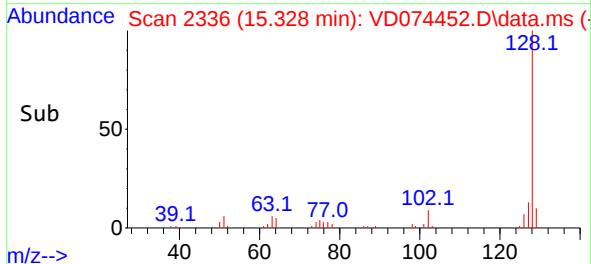
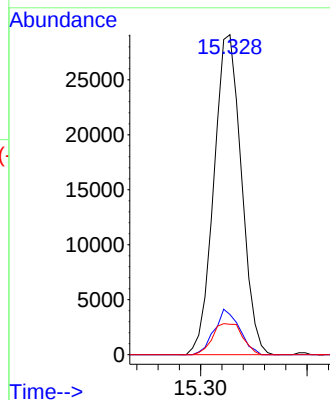
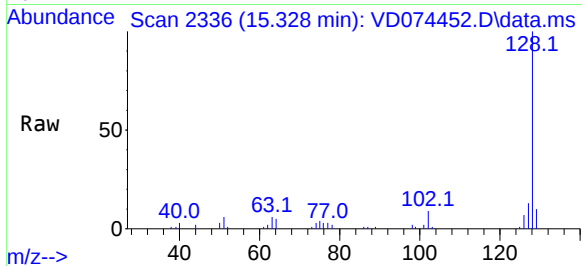




#95
Naphthalene
Concen: 17.115 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	128	Resp:	52128
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.6	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 16.554 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074452.D
Acq: 05 Oct 2022 14:18

Tgt Ion:	180	Resp:	23565
Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.7	140.1
145	31.5	14.9	44.7

