

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101122\
 Data File : VD074513.D
 Acq On : 11 Oct 2022 12:31
 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 12 00:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 00:39:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	89743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	160184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	141908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	67257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7815	10.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.240%#
35) Dibromofluoromethane	7.804	113	12518	11.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.880%#
50) Toluene-d8	10.269	98	30883	8.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	17.540%#
62) 4-Bromofluorobenzene	12.569	95	19088	14.628	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	29.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	15789	18.197	ug/l	96
3) Chloromethane	2.146	50	21949	20.326	ug/l	95
4) Vinyl Chloride	2.281	62	21041	18.836	ug/l	93
5) Bromomethane	2.681	94	14643	18.477	ug/l	89
6) Chloroethane	2.828	64	14181	19.027	ug/l	99
7) Trichlorofluoromethane	3.175	101	32743	19.154	ug/l	95
8) Diethyl Ether	3.593	74	9885	19.263	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	22622	19.688	ug/l	98
10) Methyl Iodide	4.158	142	23350	17.725	ug/l	96
11) Tert butyl alcohol	5.022	59	15801	103.232	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	23206	19.828	ug/l	90
13) Acrolein	3.793	56	4594	116.378	ug/l	96
14) Allyl chloride	4.563	41	25706	20.176	ug/l	99
15) Acrylonitrile	5.252	53	20558	100.638	ug/l	96
16) Acetone	4.016	43	16865	101.214	ug/l	100
17) Carbon Disulfide	4.269	76	69400	20.056	ug/l	99
18) Methyl Acetate	4.563	43	10550	19.897	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	44395	19.934	ug/l	92
20) Methylene Chloride	4.799	84	35562	20.484	ug/l	88
21) trans-1,2-Dichloroethene	5.310	96	25965	20.598	ug/l	93
22) Diisopropyl ether	6.210	45	54631	21.446	ug/l	97
23) Vinyl Acetate	6.157	43	111635	107.188	ug/l	98
24) 1,1-Dichloroethane	6.110	63	39788	20.177	ug/l	95
25) 2-Butanone	7.087	43	22765	98.971	ug/l	93
26) 2,2-Dichloropropane	7.075	77	34840	20.072	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	28271	21.056	ug/l	99
28) Bromochloromethane	7.428	49	11325	21.751	ug/l	98
29) Tetrahydrofuran	7.451	42	13088	103.179	ug/l	97
30) Chloroform	7.599	83	40358	21.124	ug/l	99
31) Cyclohexane	7.875	56	32868	19.998	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	34566	19.980	ug/l	96
36) 1,1-Dichloropropene	8.010	75	30864	20.077	ug/l	97
37) Ethyl Acetate	7.169	43	9715	19.254	ug/l	96
38) Carbon Tetrachloride	7.993	117	26947	18.958	ug/l	90
39) Methylcyclohexane	9.275	83	38235	19.871	ug/l	93
40) Benzene	8.251	78	88696	19.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4532	15.019	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	20674	19.122	ug/l	98
43) Isopropyl Acetate	8.363	43	17540	18.920	ug/l	99
44) Trichloroethene	9.028	130	25390	19.397	ug/l	97
45) 1,2-Dichloropropane	9.304	63	20543	19.707	ug/l	90
46) Dibromomethane	9.393	93	11513	19.656	ug/l	92
47) Bromodichloromethane	9.587	83	28682	19.810	ug/l	93
48) Methyl methacrylate	9.381	41	8580	19.125	ug/l	89
49) 1,4-Dioxane	9.387	88	2215	364.020	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	45175	98.499	ug/l	97
52) Toluene	10.334	92	58655	20.284	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	25206	19.968	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	32001	20.071	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	16158	20.579	ug/l	95
56) Ethyl methacrylate	10.598	69	17775	19.639	ug/l	98
57) 1,3-Dichloropropane	10.881	76	25521	19.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15488	91.127	ug/l	99
59) 2-Hexanone	10.916	43	30300	98.692	ug/l	99
60) Dibromochloromethane	11.069	129	19486	20.633	ug/l	95
61) 1,2-Dibromoethane	11.175	107	14560	19.930	ug/l	100
64) Tetrachloroethene	10.810	164	21123	19.878	ug/l	91
65) Chlorobenzene	11.604	112	61991	20.351	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	20586	19.917	ug/l	96
67) Ethyl Benzene	11.681	91	110218	20.413	ug/l	95
68) m/p-Xylenes	11.792	106	88321	41.023	ug/l	98
69) o-Xylene	12.116	106	40617	20.276	ug/l	98
70) Styrene	12.134	104	69025	20.391	ug/l	100
71) Bromoform	12.298	173	10309	19.580	ug/l #	95
73) Isopropylbenzene	12.416	105	107183	19.810	ug/l	99
74) N-amyl acetate	12.228	43	16135	19.041	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	16685	19.495	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	19651	38.163	ug/l #	1
77) Bromobenzene	12.698	156	23047	18.828	ug/l	92
78) n-propylbenzene	12.757	91	130662	19.961	ug/l	99
79) 2-Chlorotoluene	12.845	91	69381	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	87482	19.894	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	4574	20.186	ug/l	95
82) 4-Chlorotoluene	12.939	91	71604	20.305	ug/l	98
83) tert-Butylbenzene	13.163	119	76861	19.961	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	86385	19.831	ug/l	98
85) sec-Butylbenzene	13.339	105	116169	19.800	ug/l	100
86) p-Isopropyltoluene	13.457	119	98530	20.225	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	48318	19.267	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	47788	19.202	ug/l	99
89) n-Butylbenzene	13.781	91	89963	19.769	ug/l	97
90) Hexachloroethane	14.051	117	16771	19.498	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	41190	19.254	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2134	18.239	ug/l	92
93) 1,2,4-Trichlorobenzene	15.092	180	26630	18.878	ug/l	100
94) Hexachlorobutadiene	15.198	225	13614	18.562	ug/l	97
95) Naphthalene	15.322	128	48640	18.258	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	22856	18.981	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Oct 12 00:39:44 2022
Response via : Initial Calibration

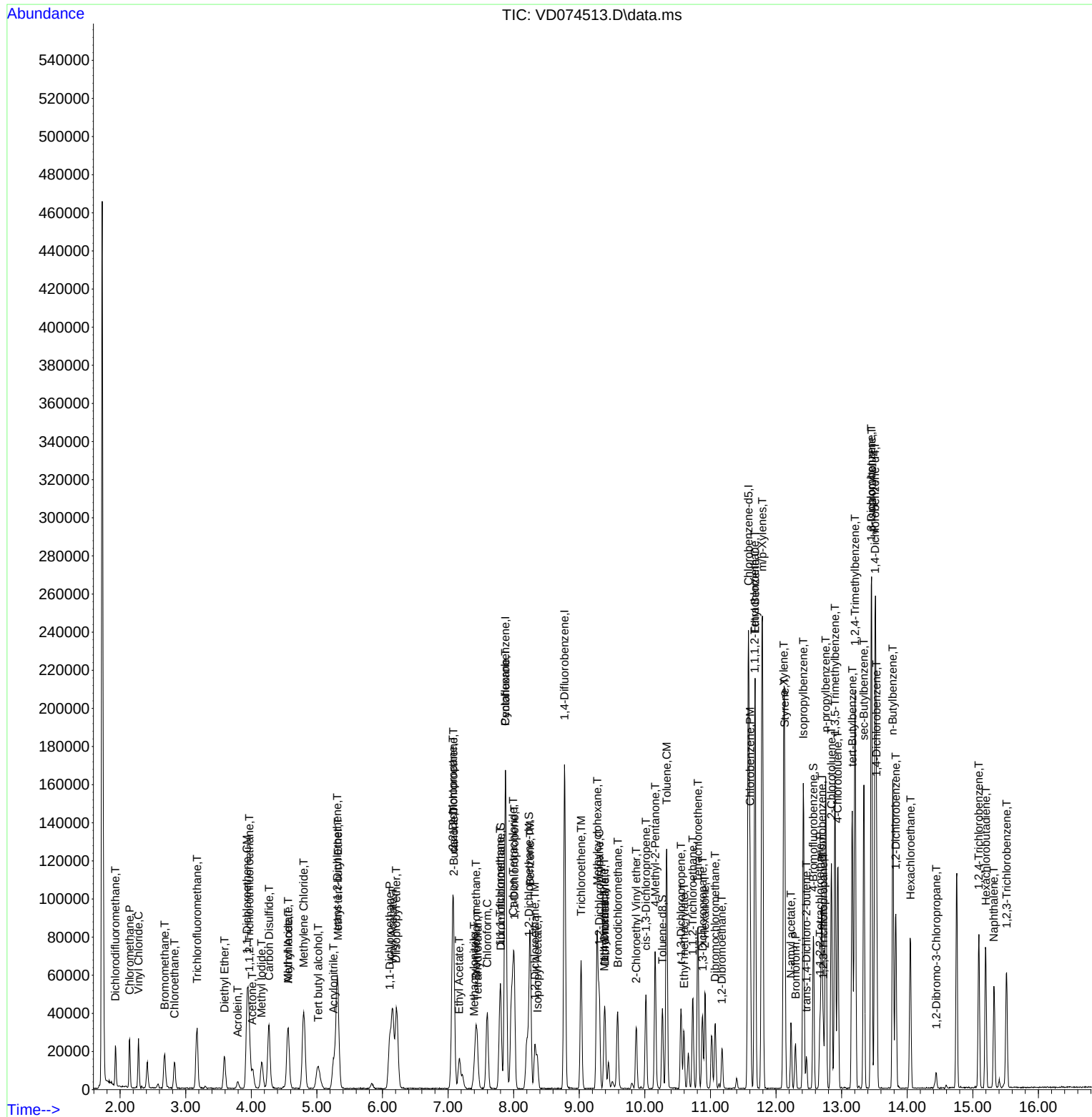
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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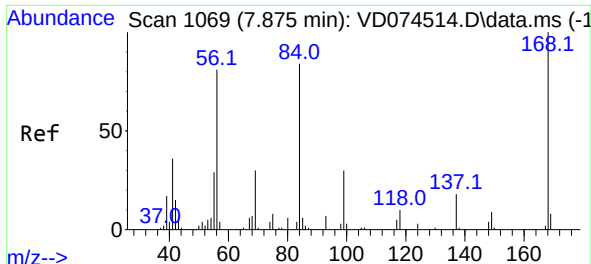
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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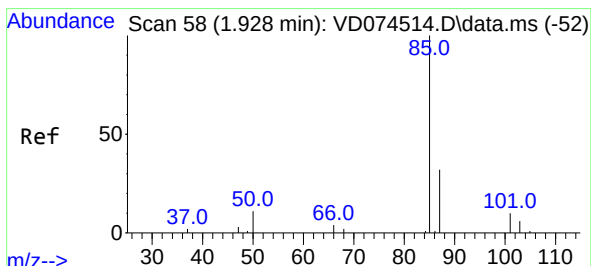
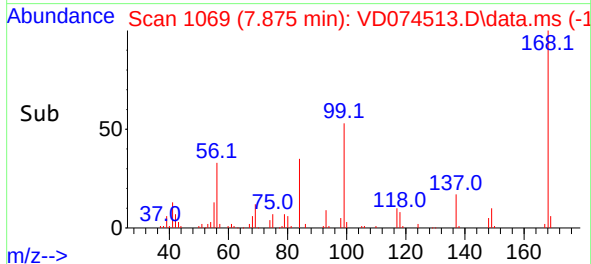
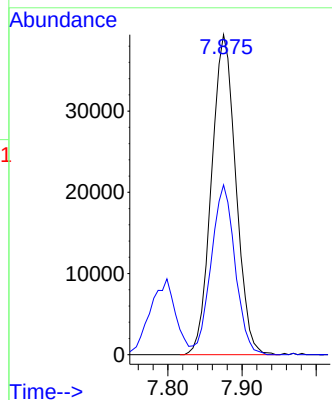
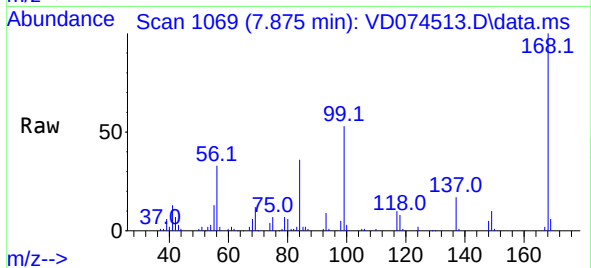




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074513.D
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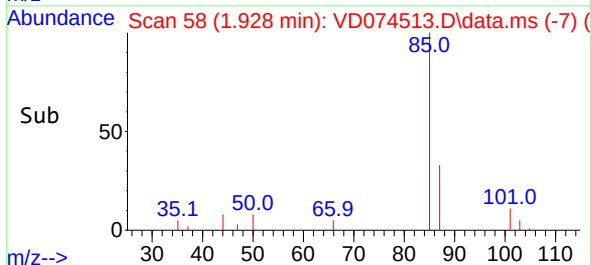
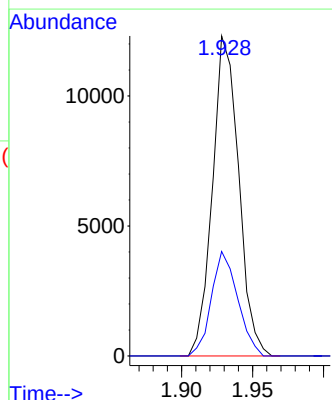
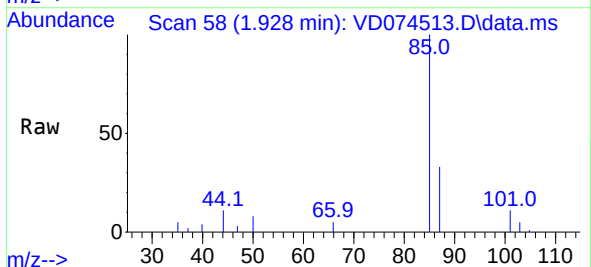
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 89743
Ion Ratio Lower Upper
168 100
99 53.1 40.9 61.3

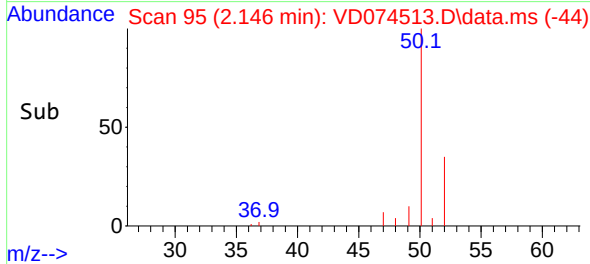
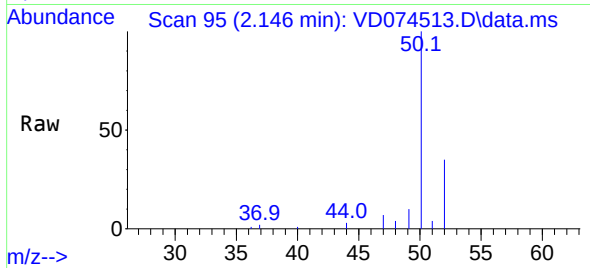
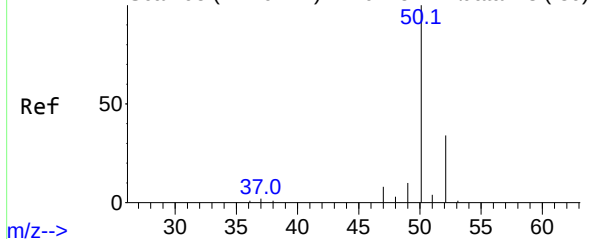


#2
Dichlorodifluoromethane
Concen: 18.197 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 85 Resp: 15789
Ion Ratio Lower Upper
85 100
87 32.7 17.5 52.6



Abundance Scan 95 (2.146 min): VD074514.D\data.ms (-89)



#3

Chloromethane

Concen: 20.326 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

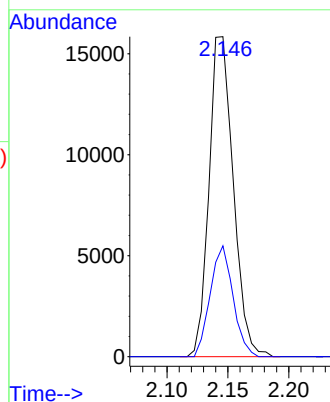
VSTDICC020

Tgt Ion: 50 Resp: 21949

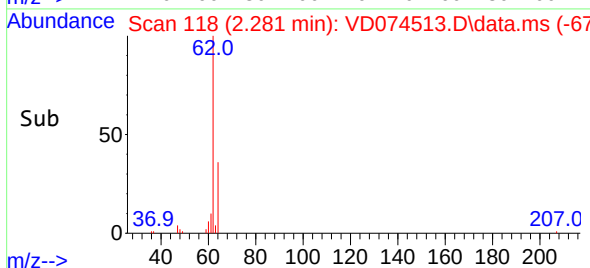
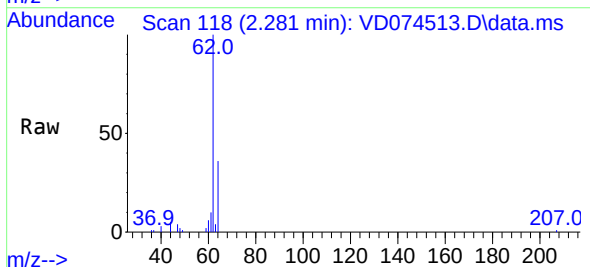
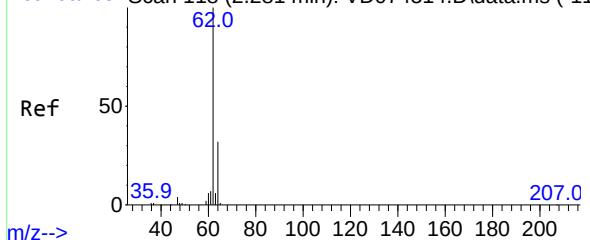
Ion Ratio Lower Upper

50 100

52 34.7 30.0 45.0



Abundance Scan 118 (2.281 min): VD074514.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 18.836 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD074513.D

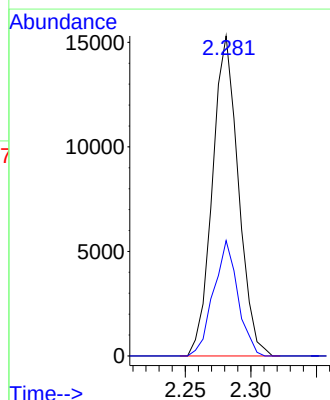
Acq: 11 Oct 2022 12:31

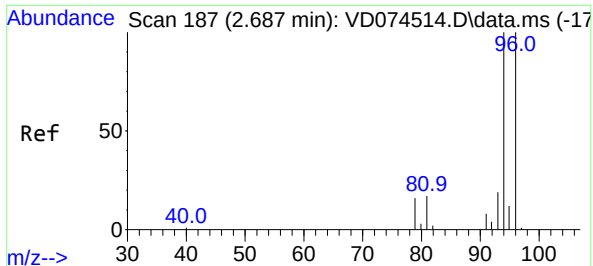
Tgt Ion: 62 Resp: 21041

Ion Ratio Lower Upper

62 100

64 36.0 25.5 38.3





#5

Bromomethane

Concen: 18.477 ug/l

RT: 2.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

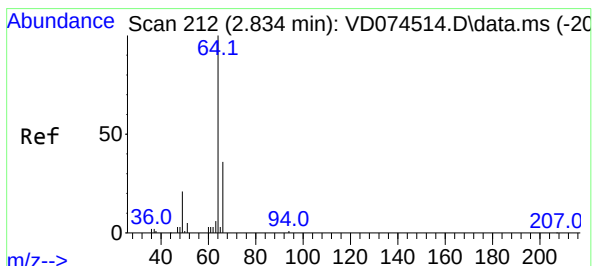
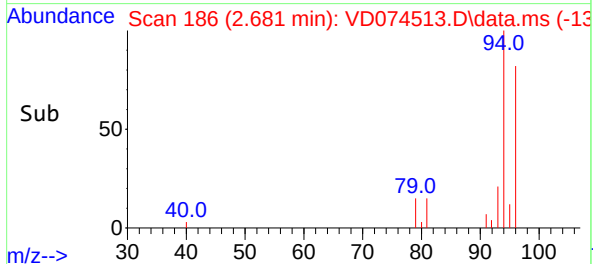
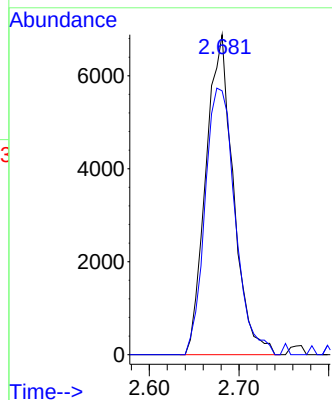
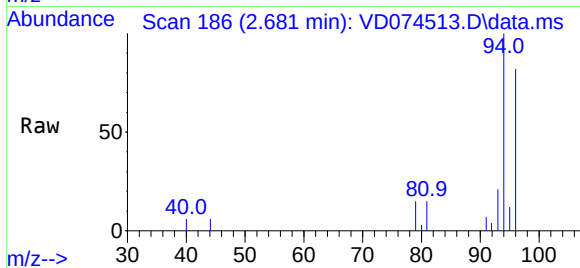
VSTDIC020

Tgt Ion: 94 Resp: 14643

Ion Ratio Lower Upper

94 100

96 82.4 74.6 112.0



#6

Chloroethane

Concen: 19.027 ug/l

RT: 2.828 min Scan# 211

Delta R.T. -0.006 min

Lab File: VD074513.D

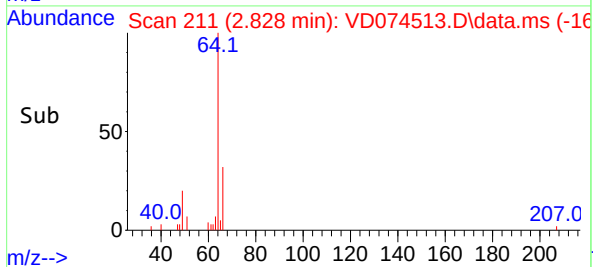
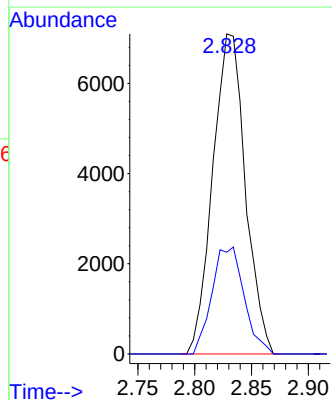
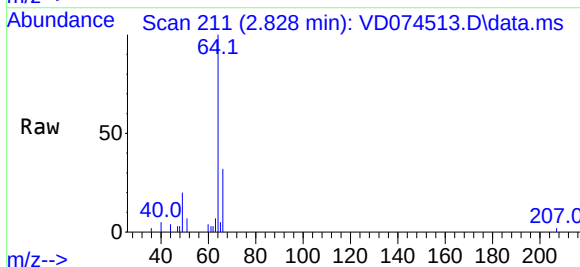
Acq: 11 Oct 2022 12:31

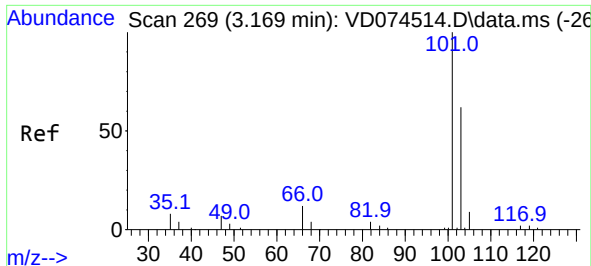
Tgt Ion: 64 Resp: 14181

Ion Ratio Lower Upper

64 100

66 31.8 25.8 38.8

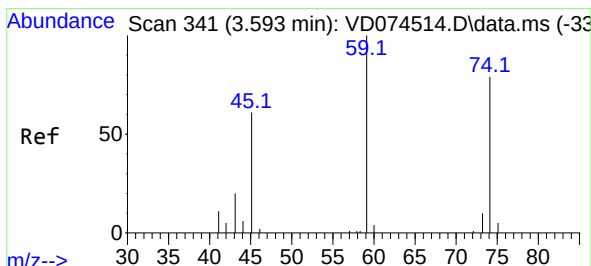
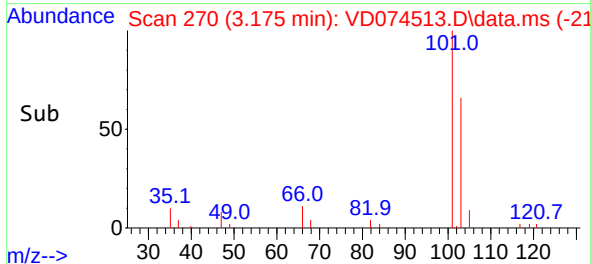
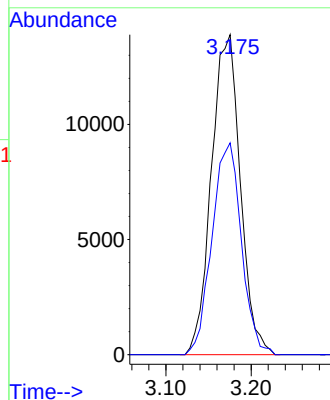
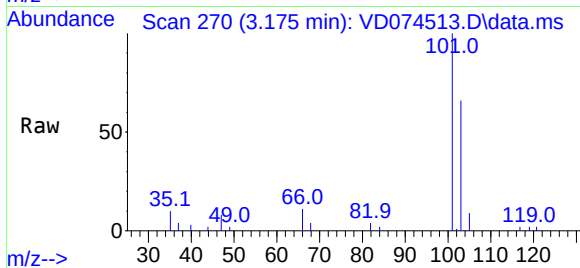




#7
 Trichlorofluoromethane
 Concen: 19.154 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

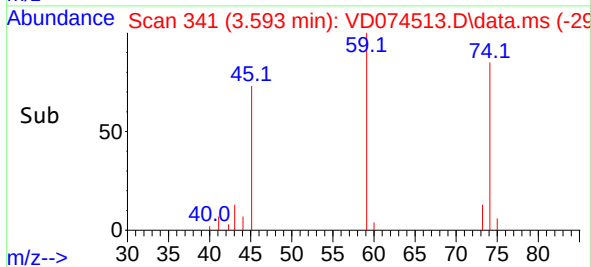
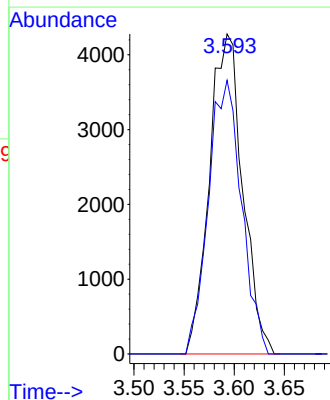
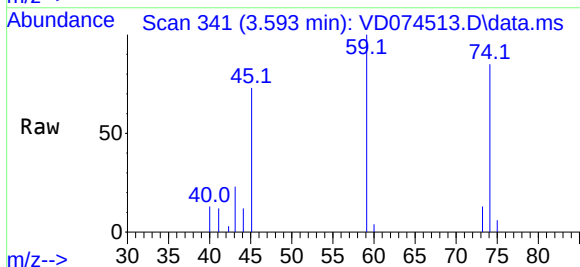
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

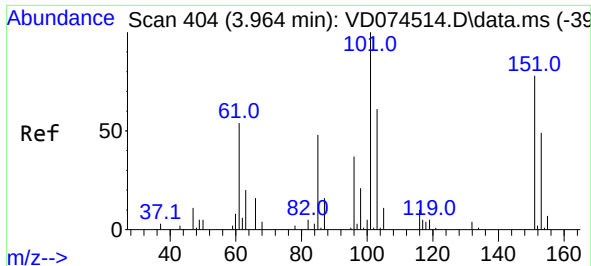
Tgt Ion:101 Resp: 32743
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.8 74.8



#8
 Diethyl Ether
 Concen: 19.263 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

Tgt Ion: 74 Resp: 9885
 Ion Ratio Lower Upper
 74 100
 45 85.0 37.9 113.6

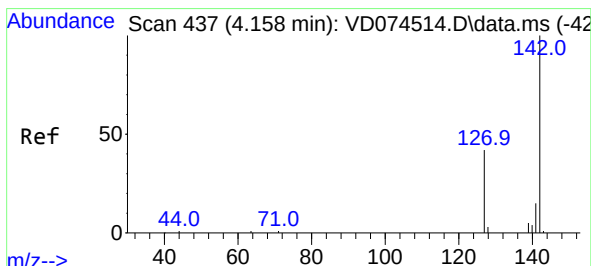
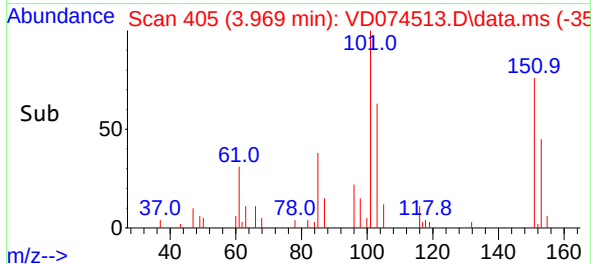
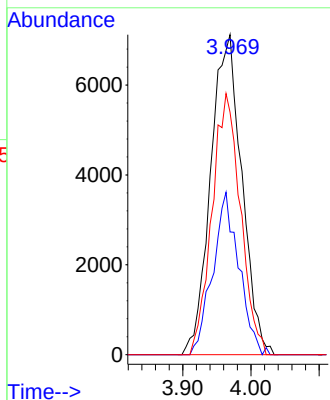
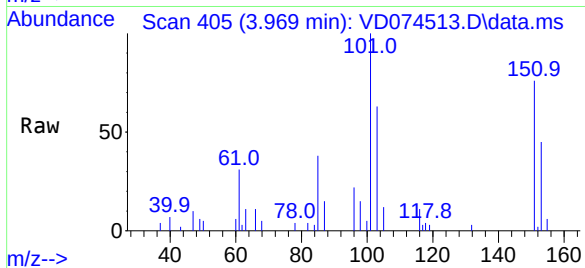




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.688 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

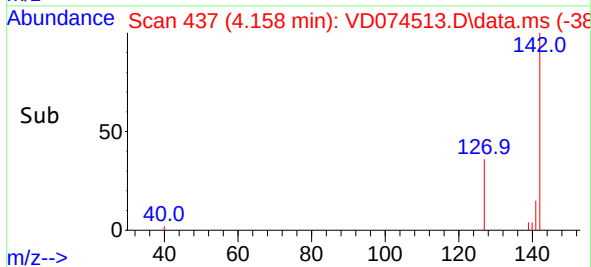
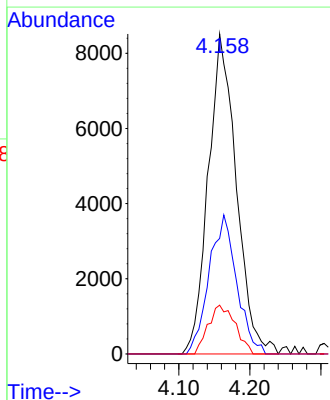
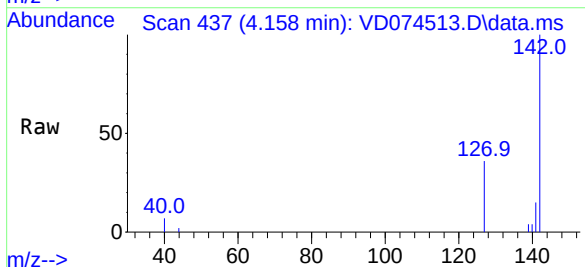
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

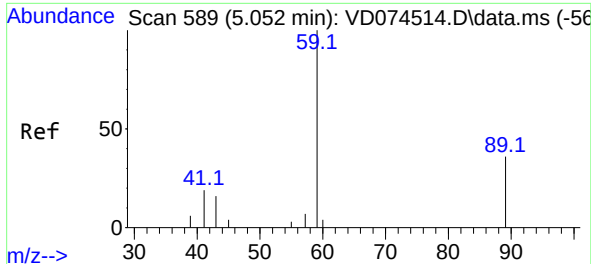
Tgt Ion:101 Resp: 22622
Ion Ratio Lower Upper
101 100
85 42.7 34.1 51.1
151 74.6 61.7 92.5



#10
Methyl Iodide
Concen: 17.725 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:142 Resp: 23350
Ion Ratio Lower Upper
142 100
127 42.8 31.9 47.9
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 103.232 ug/l

RT: 5.022 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

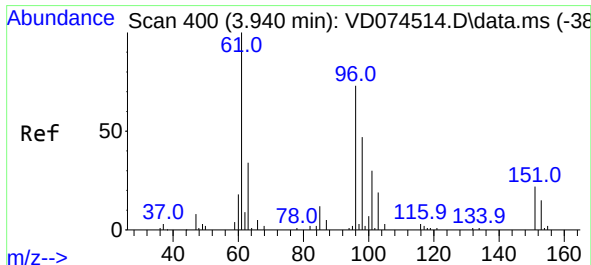
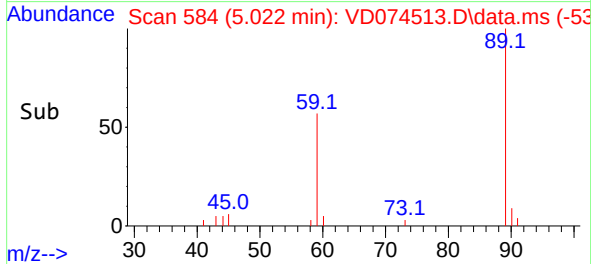
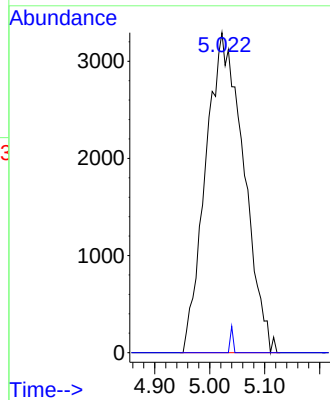
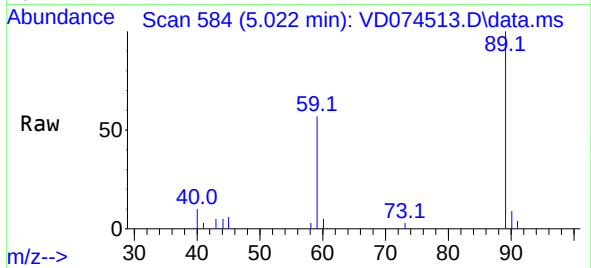
VSTDIC020

Tgt Ion: 59 Resp: 15801

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 19.828 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

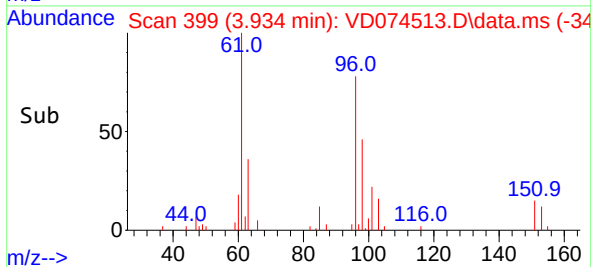
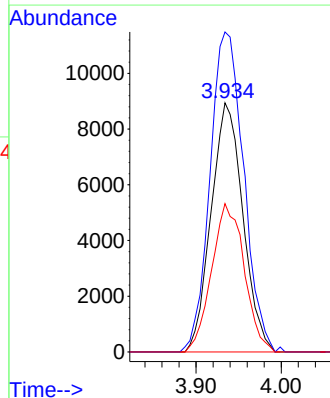
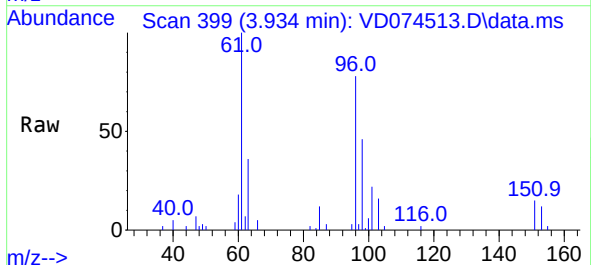
Tgt Ion: 96 Resp: 23206

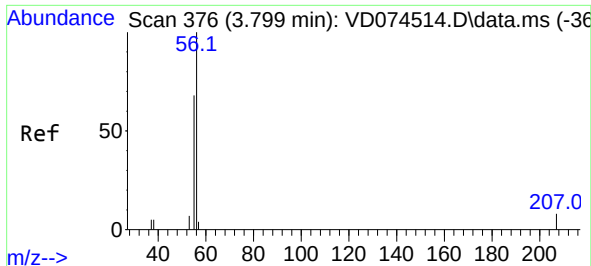
Ion Ratio Lower Upper

96 100

61 128.4 113.9 170.9

98 59.5 51.8 77.8

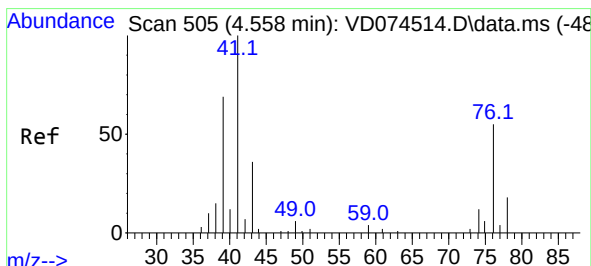
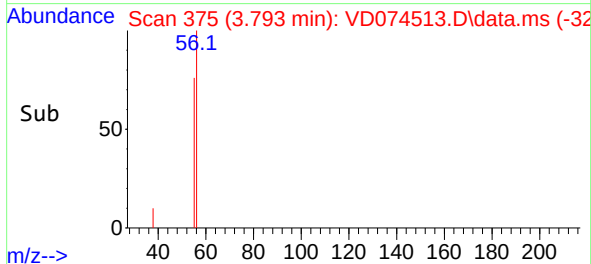
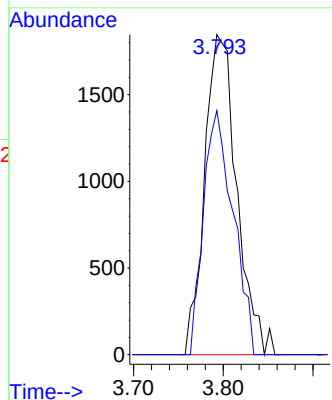
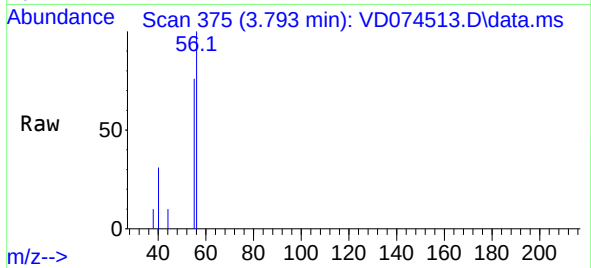




#13
Acrolein
Concen: 116.378 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

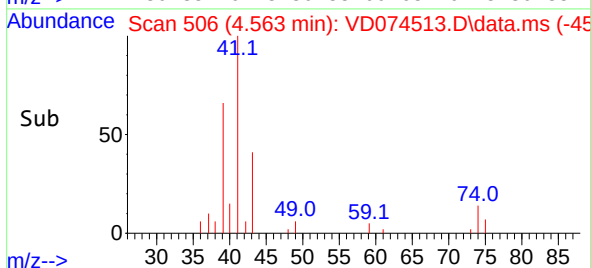
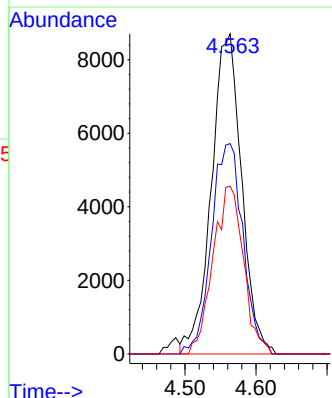
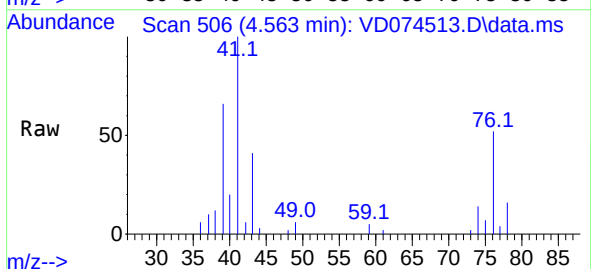
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

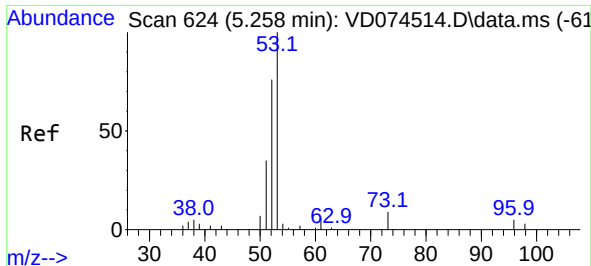
Tgt Ion: 56 Resp: 4594
Ion Ratio Lower Upper
56 100
55 70.3 54.0 81.0



#14
Allyl chloride
Concen: 20.176 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 41 Resp: 25706
Ion Ratio Lower Upper
41 100
39 68.6 53.4 80.2
76 52.7 42.4 63.6

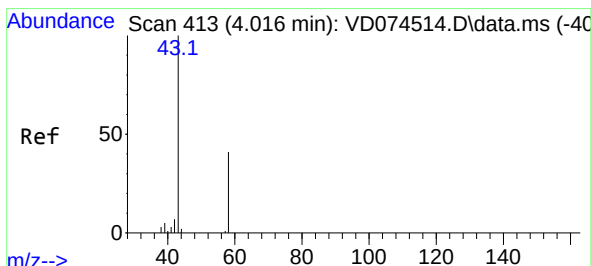
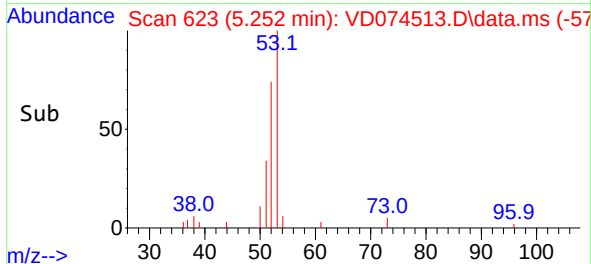
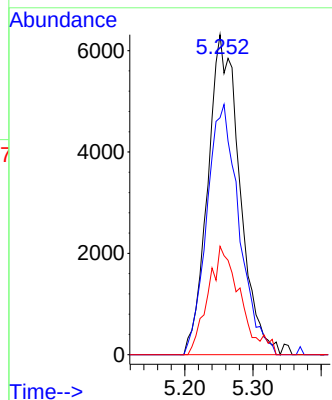
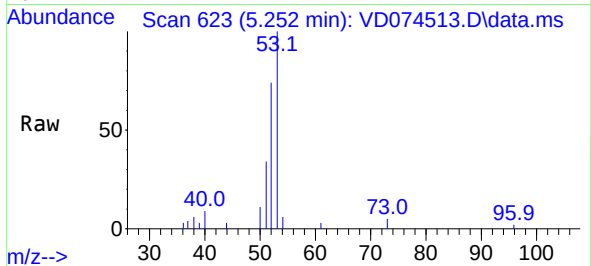




#15
Acrylonitrile
Concen: 100.638 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

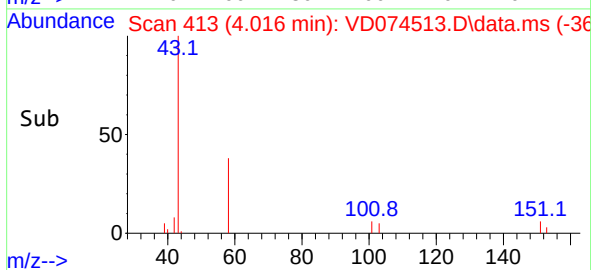
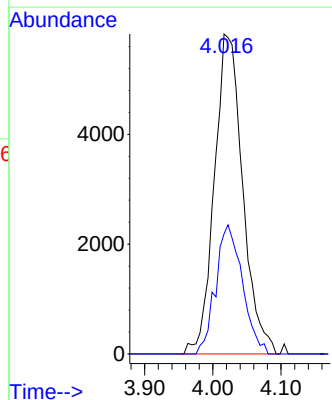
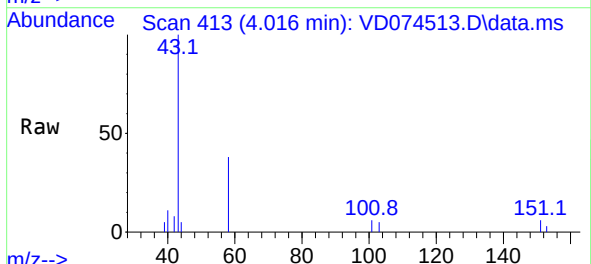
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

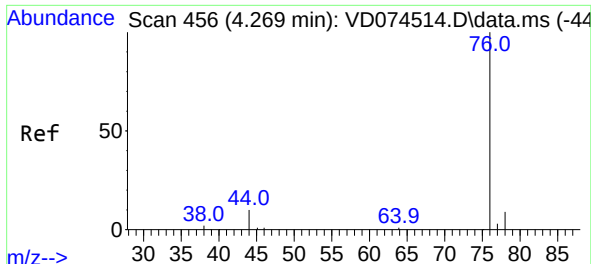
Tgt Ion: 53	Resp: 20558
Ion Ratio	Lower Upper
53 100	
52 79.2	66.0 99.0
51 32.7	28.3 42.5



#16
Acetone
Concen: 101.214 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 43	Resp: 16865
Ion Ratio	Lower Upper
43 100	
58 37.5	30.2 45.2

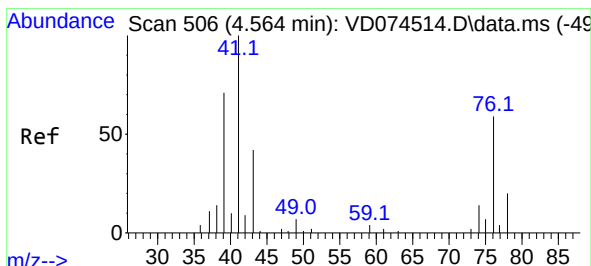
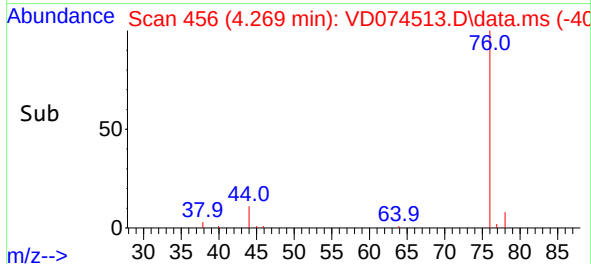
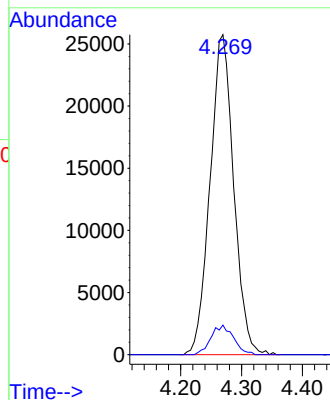
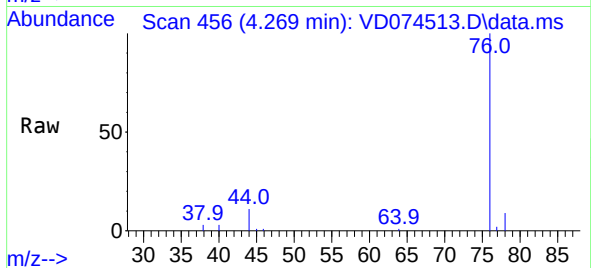




#17
Carbon Disulfide
Concen: 20.056 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

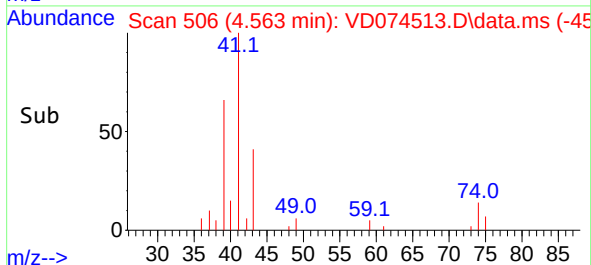
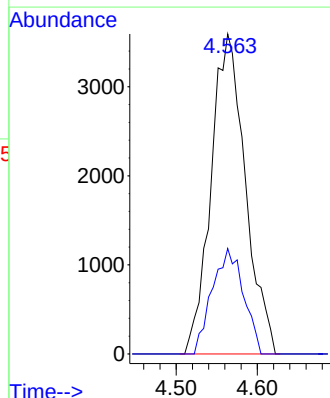
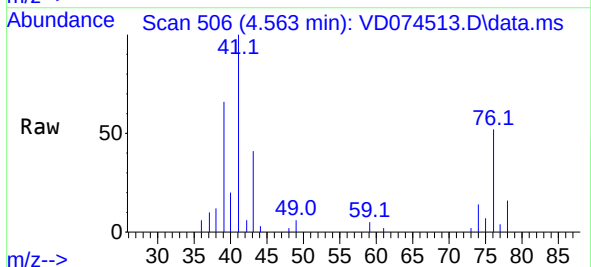
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

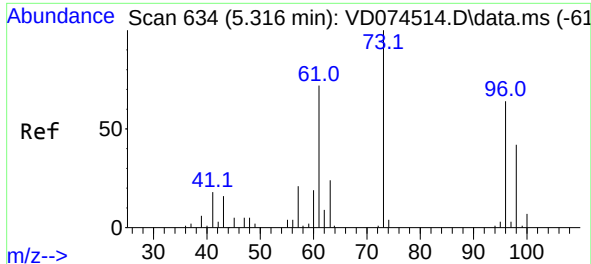
Tgt Ion: 76 Resp: 69400
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8



#18
Methyl Acetate
Concen: 19.897 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 43 Resp: 10550
Ion Ratio Lower Upper
43 100
74 30.0 24.7 37.1

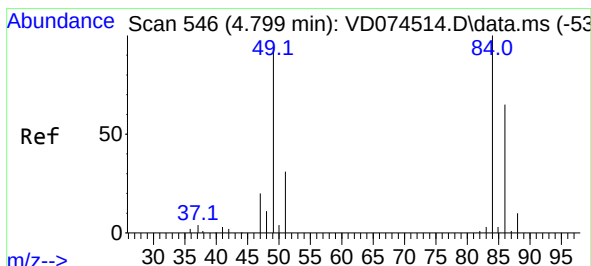
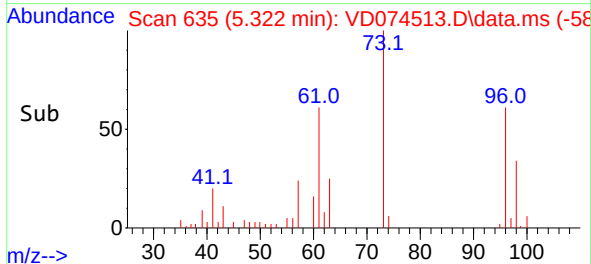
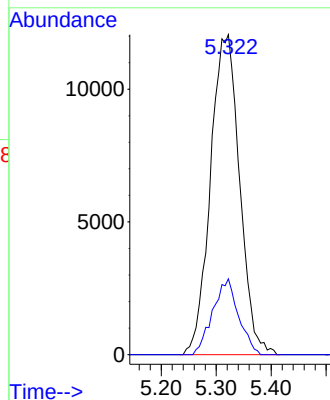
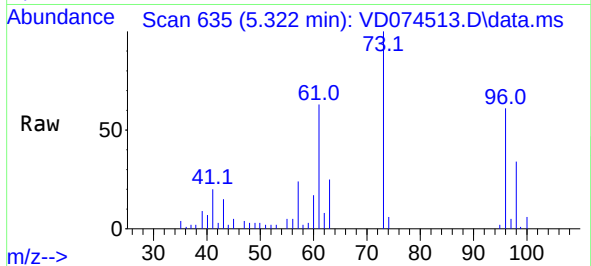




#19
Methyl tert-butyl Ether
Concen: 19.934 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

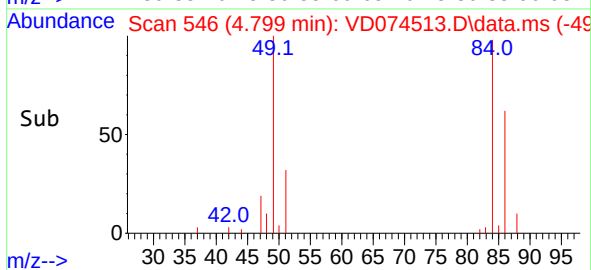
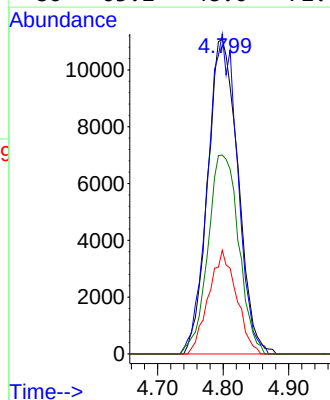
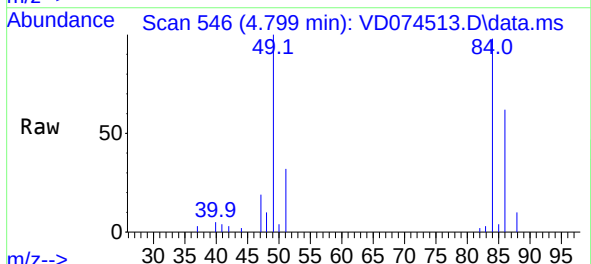
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

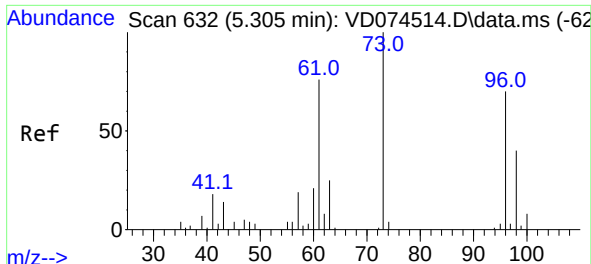
Tgt Ion: 73 Resp: 44395
Ion Ratio Lower Upper
73 100
57 23.7 16.1 24.1



#20
Methylene Chloride
Concen: 20.484 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 84 Resp: 35562
Ion Ratio Lower Upper
84 100
49 101.7 68.0 102.0
51 32.9 23.2 34.8
86 63.2 48.0 72.0

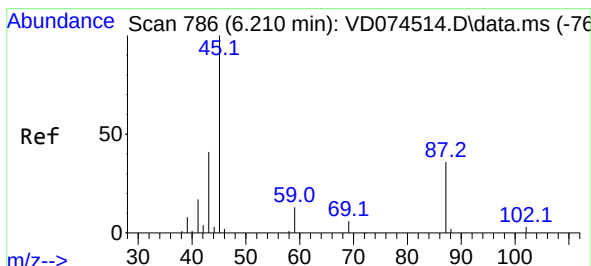
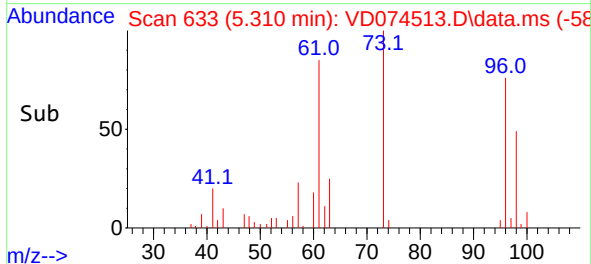
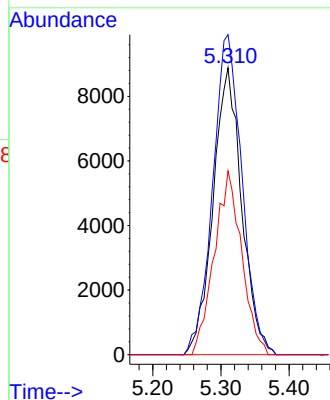
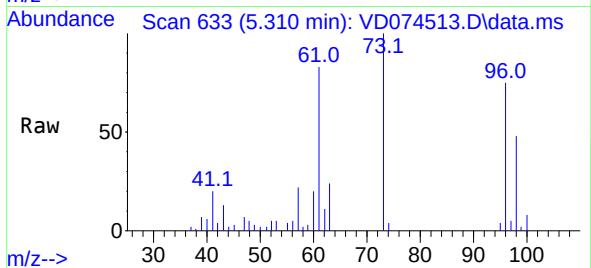




#21
trans-1,2-Dichloroethene
Concen: 20.598 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

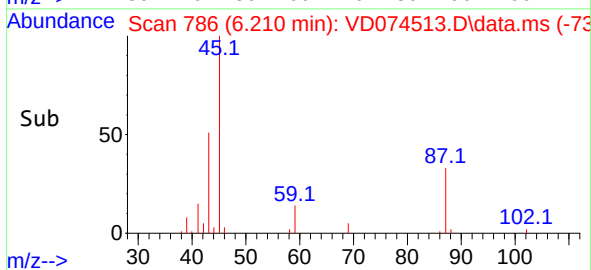
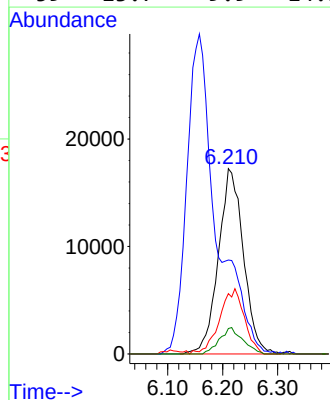
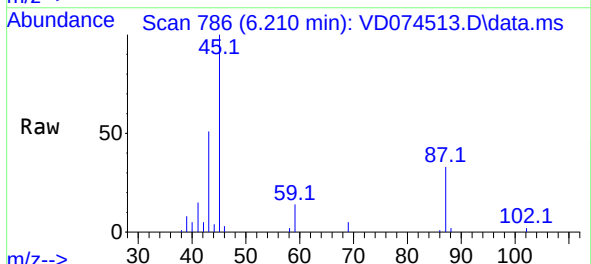
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

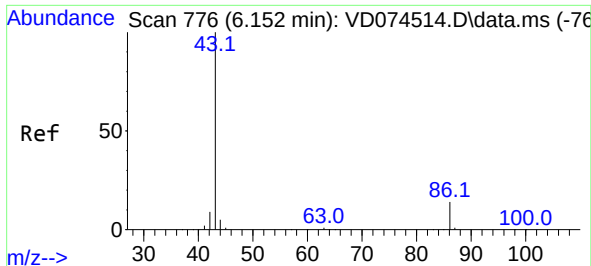
Tgt Ion: 96 Resp: 25965
Ion Ratio Lower Upper
96 100
61 111.5 95.7 143.5
98 64.0 54.8 82.2



#22
Diisopropyl ether
Concen: 21.446 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 45 Resp: 54631
Ion Ratio Lower Upper
45 100
43 49.7 37.8 56.6
87 32.6 26.6 40.0
59 13.7 9.9 14.9

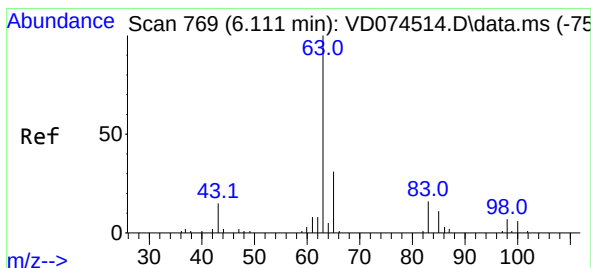
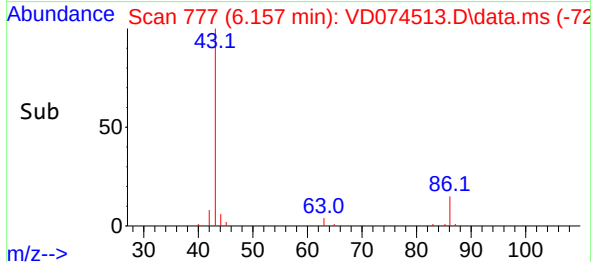
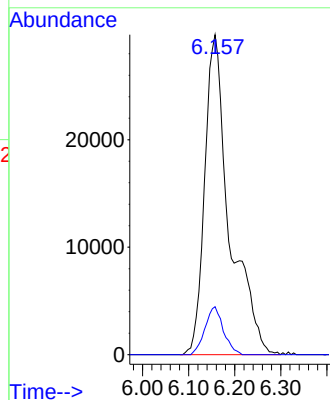
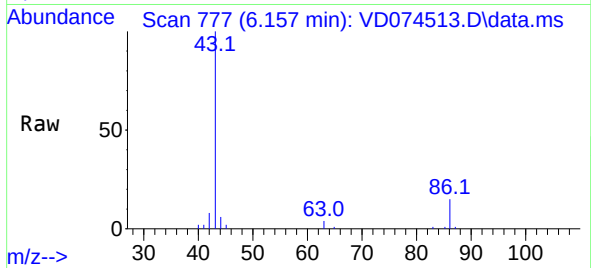




#23
 Vinyl Acetate
 Concen: 107.188 ug/l
 RT: 6.157 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

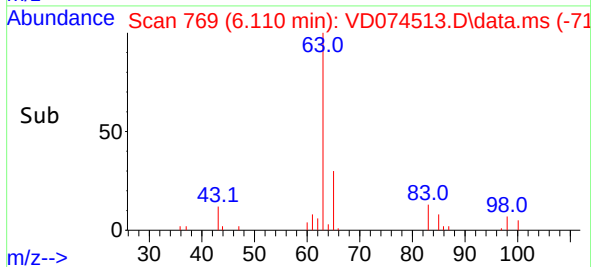
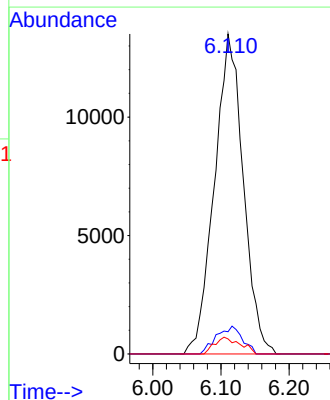
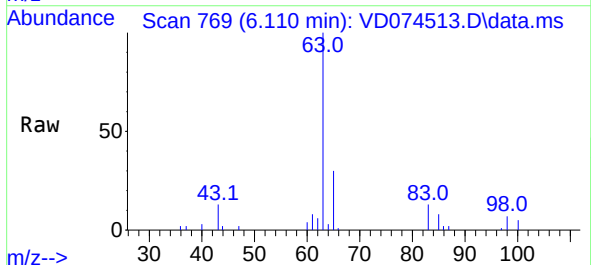
Instrument :
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 ClientSampleId :
 VSTDIC020

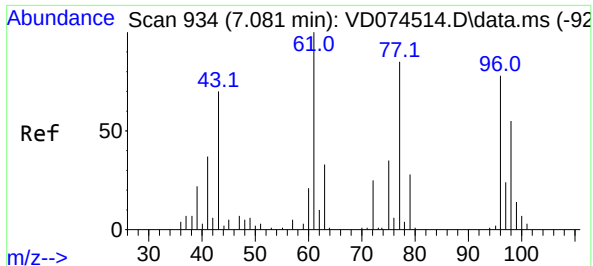
Tgt Ion: 43 Resp: 111635
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 20.177 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

Tgt Ion: 63 Resp: 39788
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.6 13.8
 100 4.7 2.9 8.6

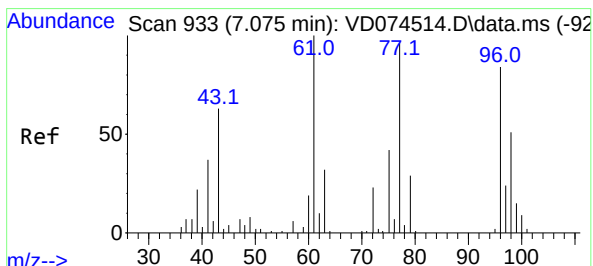
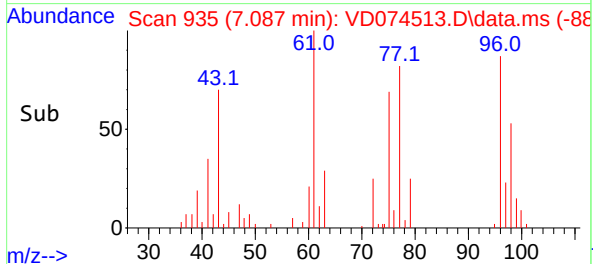
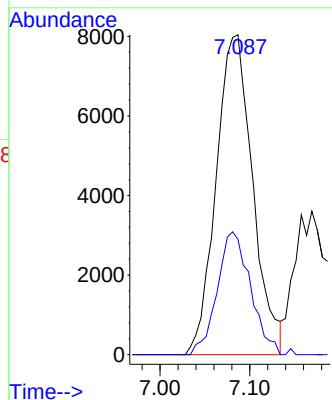
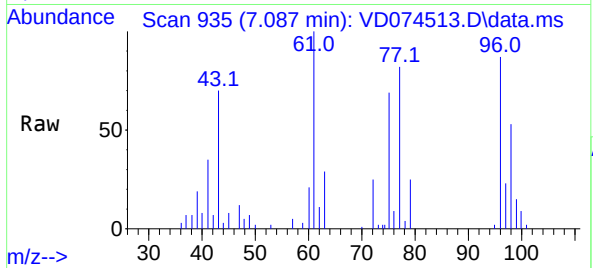




#25
2-Butanone
Concen: 98.971 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

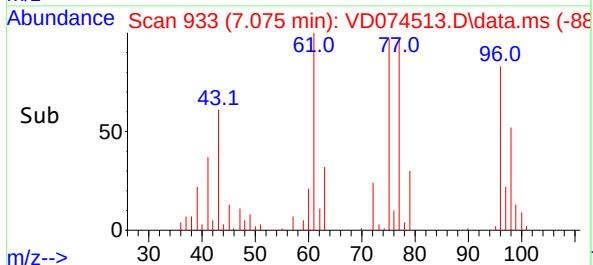
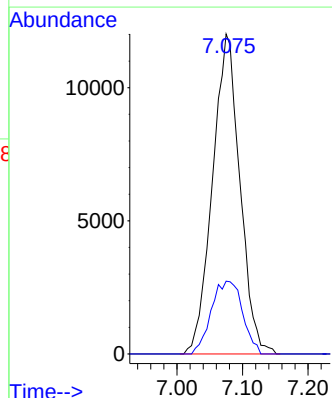
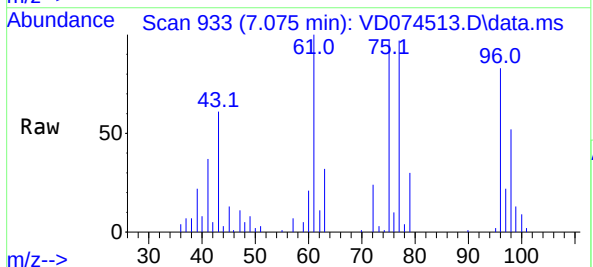
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

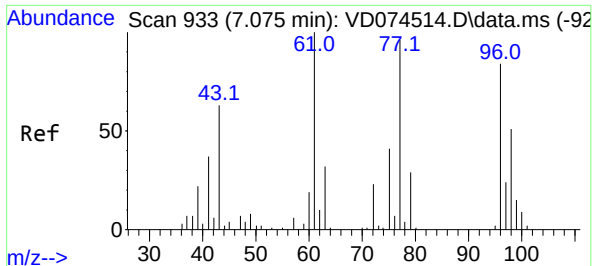
Tgt Ion: 43 Resp: 22765
Ion Ratio Lower Upper
43 100
72 36.0 25.8 38.8



#26
2,2-Dichloropropane
Concen: 20.072 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 77 Resp: 34840
Ion Ratio Lower Upper
77 100
97 25.9 12.5 37.5

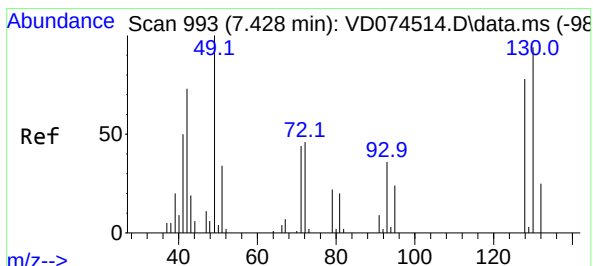
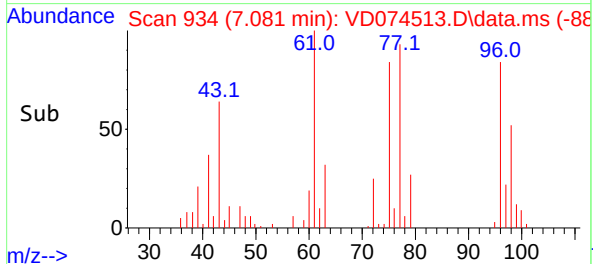
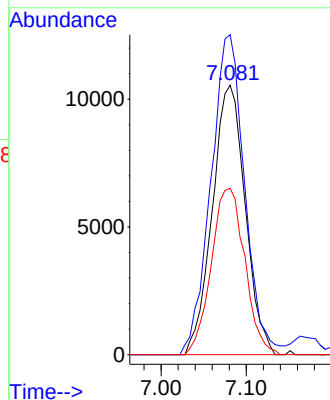
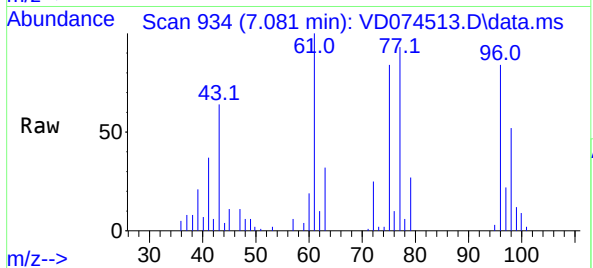




#27
cis-1,2-Dichloroethene
Concen: 21.056 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

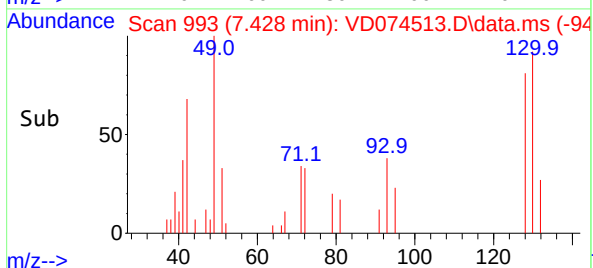
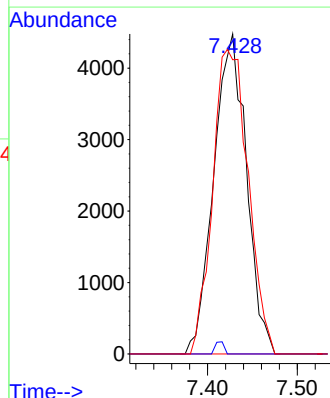
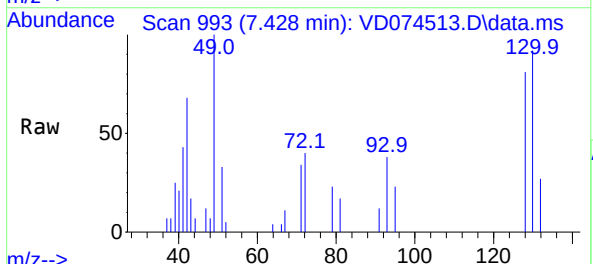
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

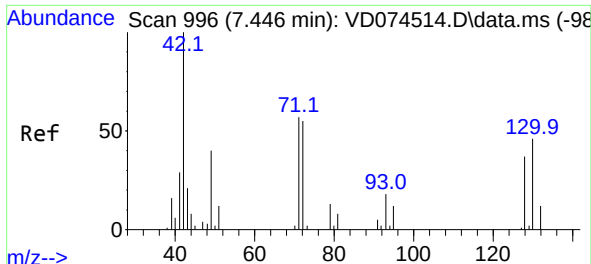
Tgt Ion: 96 Resp: 28271
Ion Ratio Lower Upper
96 100
61 121.5 0.0 242.4
98 62.9 0.0 130.0



#28
Bromochloromethane
Concen: 21.751 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 49 Resp: 11325
Ion Ratio Lower Upper
49 100
129 1.0 0.0 5.0
130 102.9 84.1 126.1

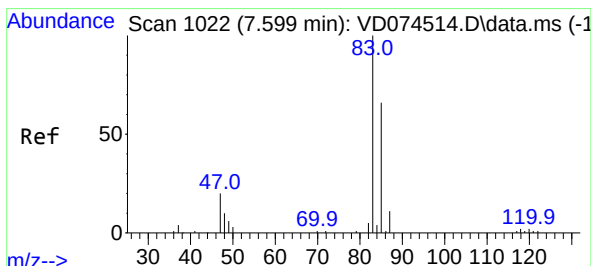
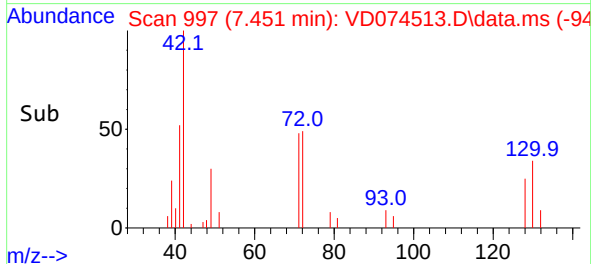
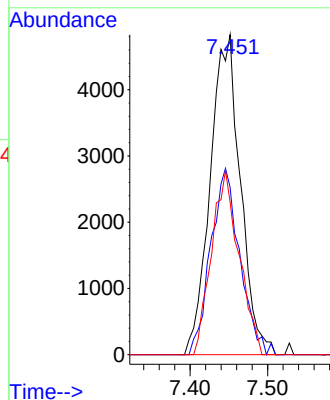
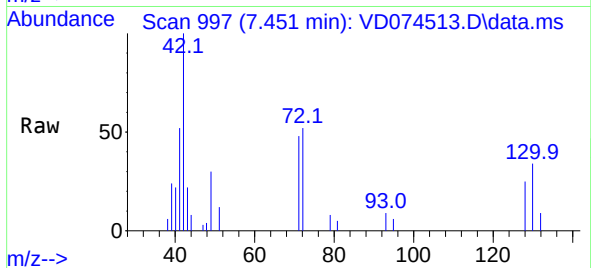




#29
Tetrahydrofuran
Concen: 103.179 ug/l
RT: 7.451 min Scan# 996
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

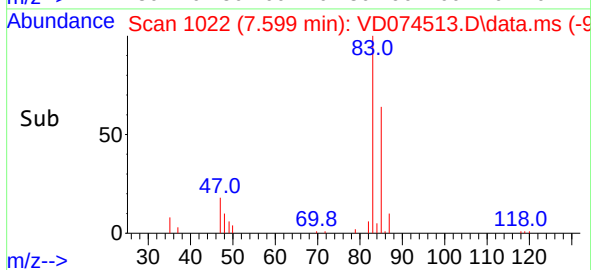
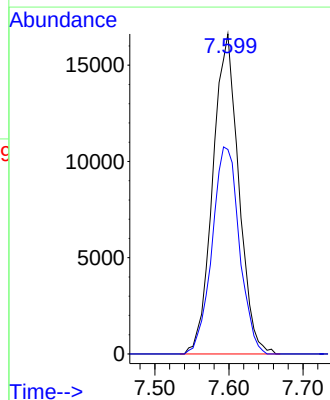
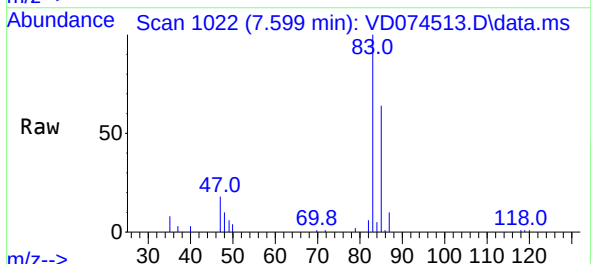
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

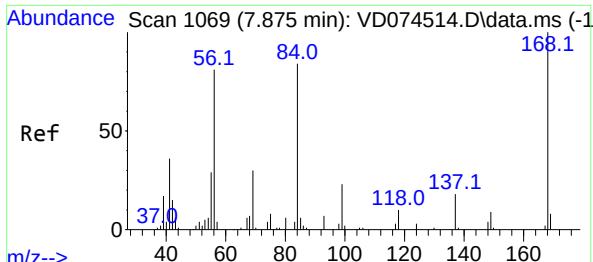
Tgt Ion: 42 Resp: 13088
Ion Ratio Lower Upper
42 100
72 56.0 45.8 68.6
71 52.3 44.6 66.8



#30
Chloroform
Concen: 21.124 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 83 Resp: 40358
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0





#31

Cyclohexane

Concen: 19.998 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

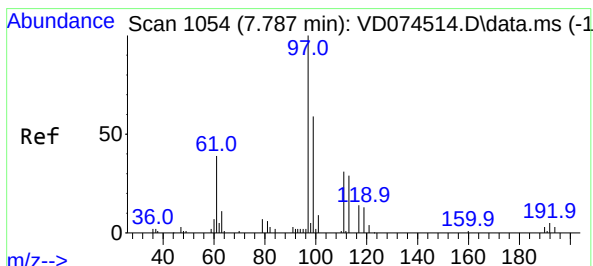
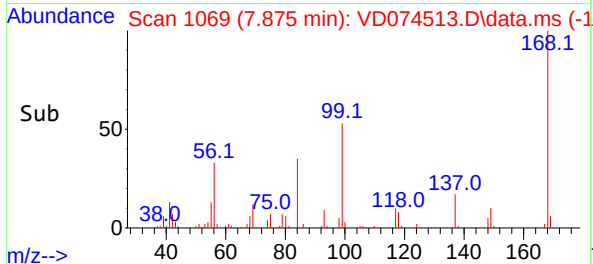
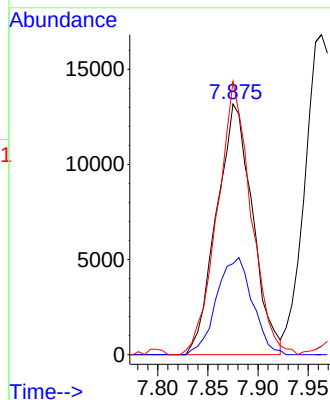
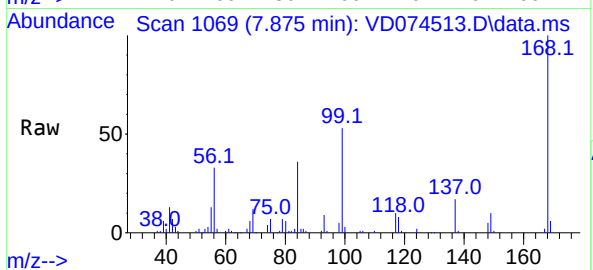
Tgt Ion: 56 Resp: 32868

Ion Ratio Lower Upper

56 100

69 36.3 29.2 43.8

84 109.0 83.4 125.2



#32

1,1,1-Trichloroethane

Concen: 19.980 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

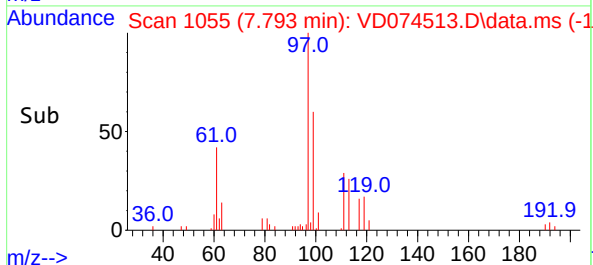
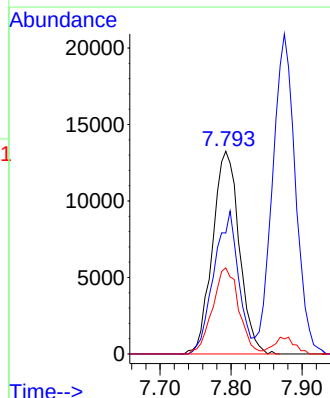
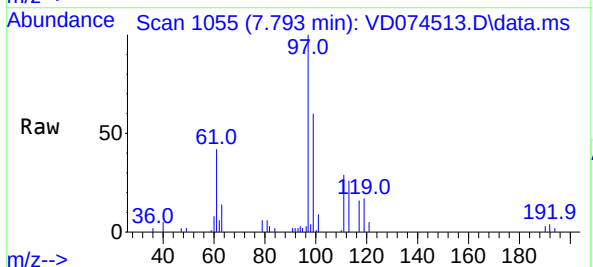
Tgt Ion: 97 Resp: 34566

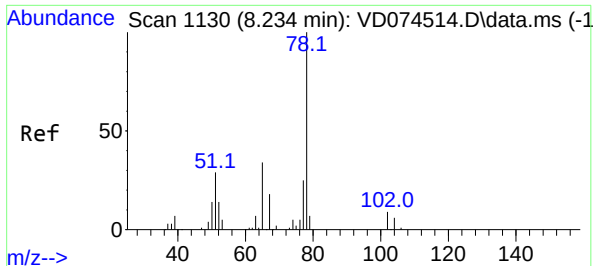
Ion Ratio Lower Upper

97 100

99 64.6 53.3 79.9

61 41.9 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 10.117 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

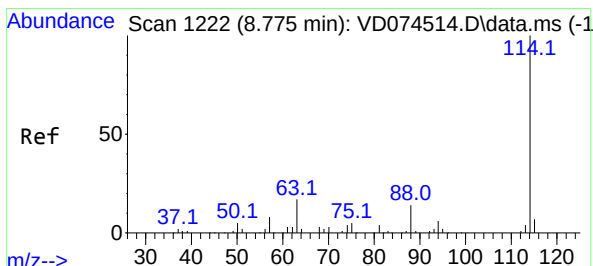
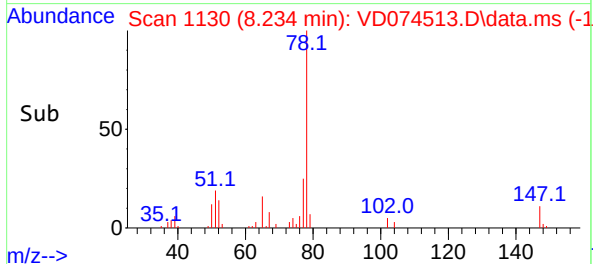
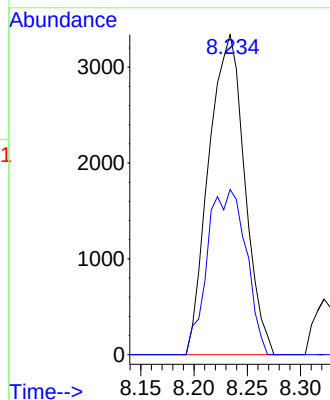
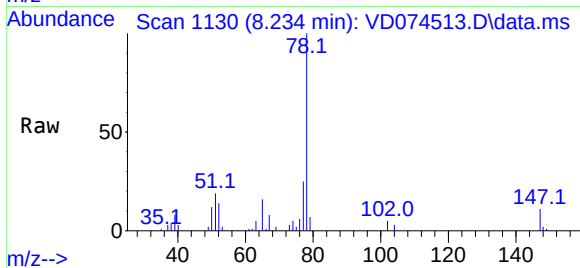
VSTDIC020

Tgt Ion: 65 Resp: 7815

Ion Ratio Lower Upper

65 100

67 55.7 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: VD074513.D

Acq: 11 Oct 2022 12:31

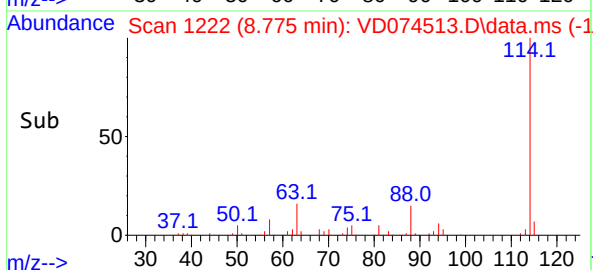
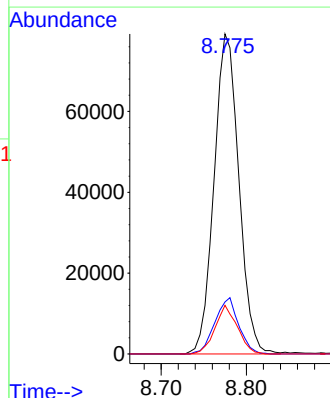
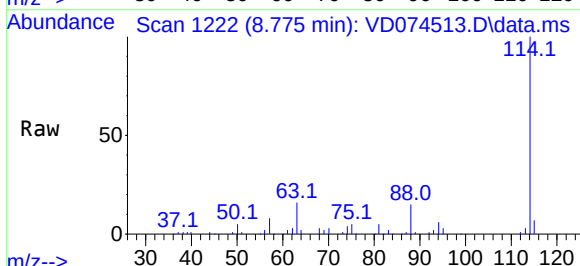
Tgt Ion: 114 Resp: 160184

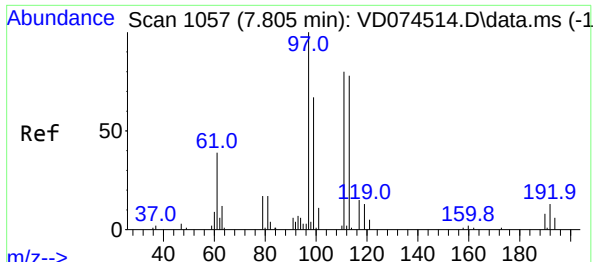
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 15.2 0.0 28.2

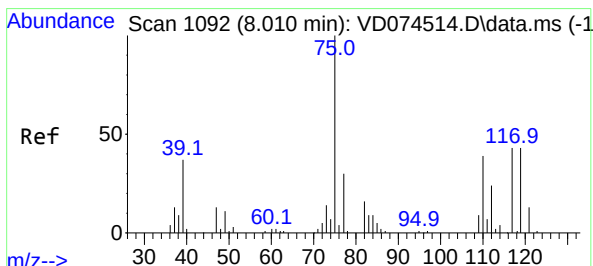
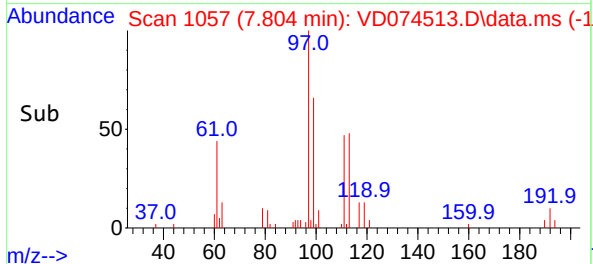
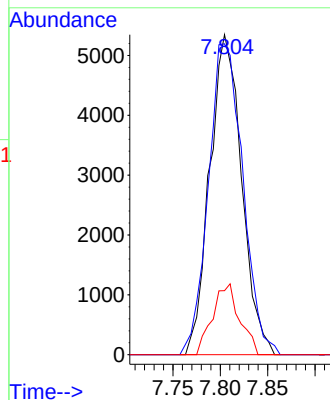
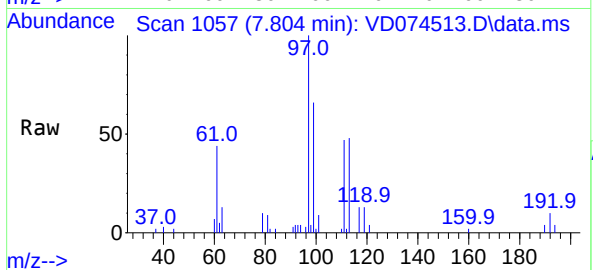




#35
Dibromofluoromethane
Concen: 11.939 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

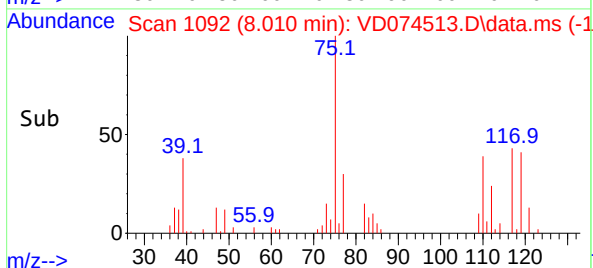
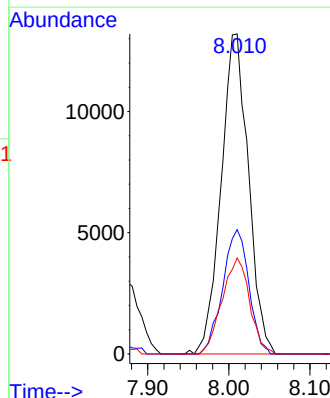
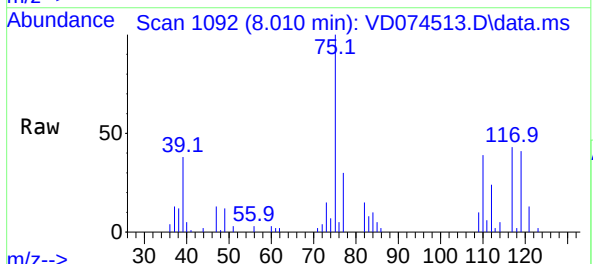
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

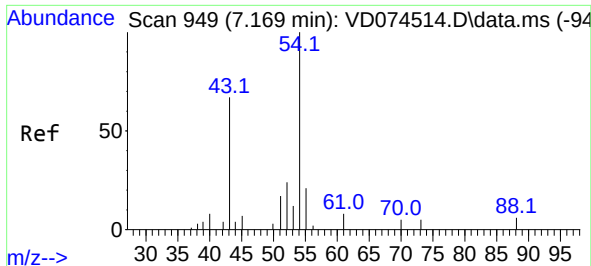
Tgt Ion:	113	Resp:	12518
Ion	Ratio	Lower	Upper
113	100		
111	105.0	82.3	123.5
192	18.7	16.4	24.6



#36
1,1-Dichloropropene
Concen: 20.077 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:	75	Resp:	30864
Ion	Ratio	Lower	Upper
75	100		
110	37.2	19.7	59.0
77	30.1	25.4	38.2



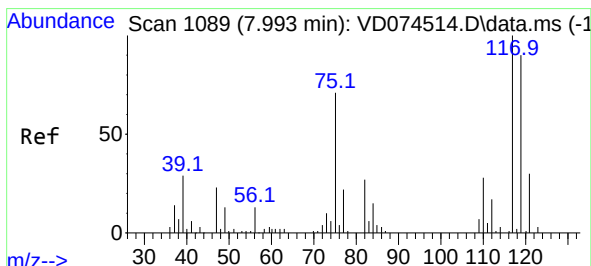
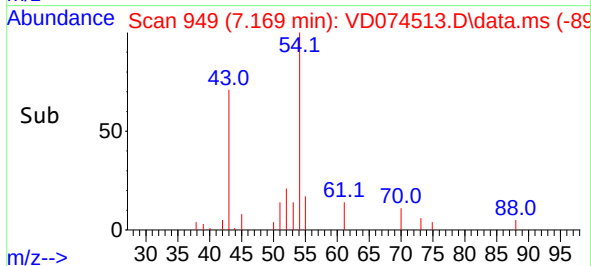
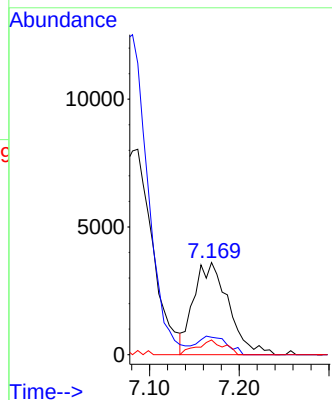
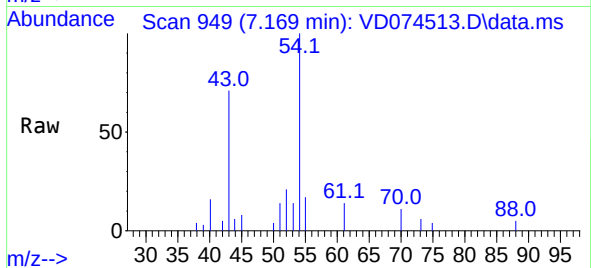


#37
Ethyl Acetate
Concen: 19.254 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 9715

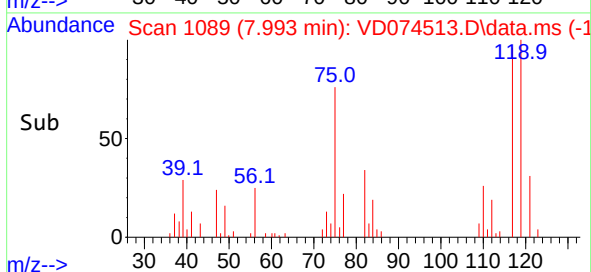
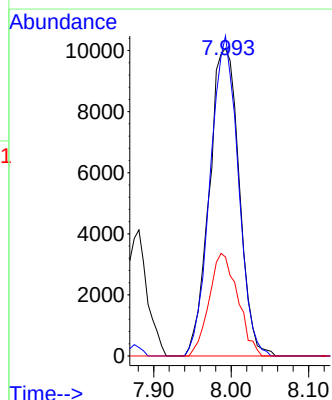
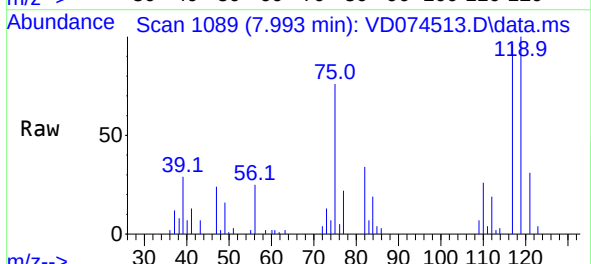
Ion	Ratio	Lower	Upper
43	100		
61	17.8	12.2	18.4
70	12.3	9.6	14.4

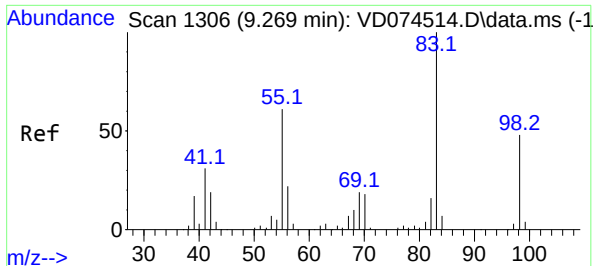


#38
Carbon Tetrachloride
Concen: 18.958 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 117 Resp: 26947

Ion	Ratio	Lower	Upper
117	100		
119	104.0	73.1	109.7
121	32.2	25.0	37.6





#39

Methylcyclohexane

Concen: 19.871 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

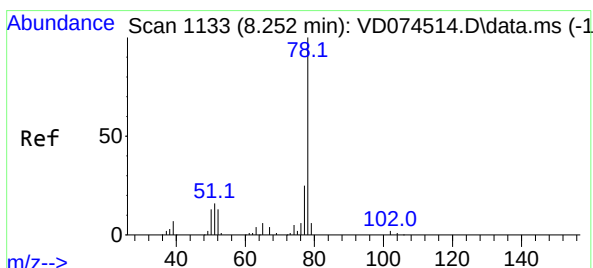
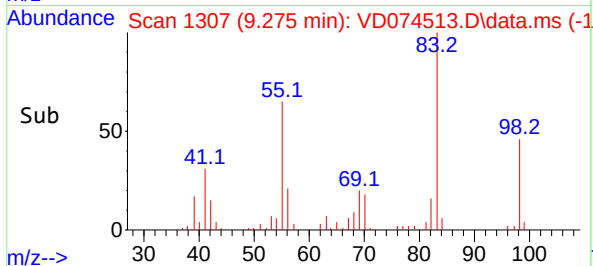
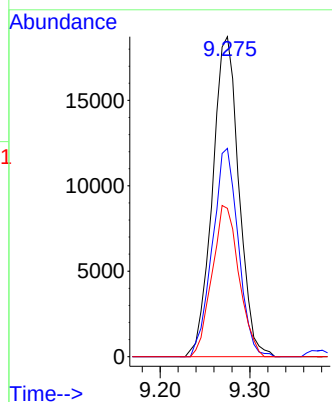
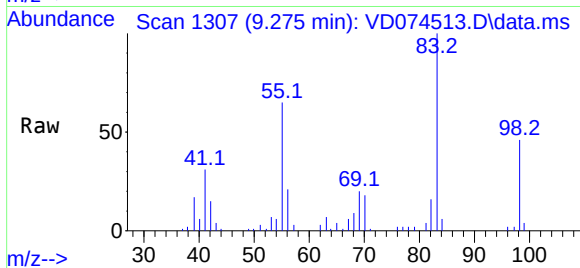
Tgt Ion: 83 Resp: 38235

Ion Ratio Lower Upper

83 100

55 65.1 49.0 73.4

98 46.4 41.7 62.5



#40

Benzene

Concen: 19.385 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074513.D

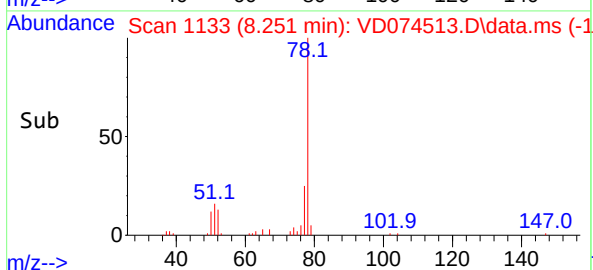
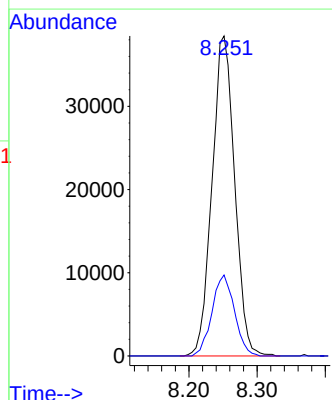
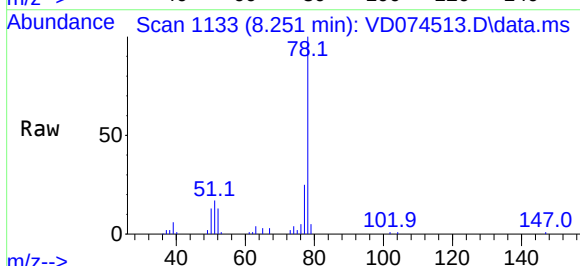
Acq: 11 Oct 2022 12:31

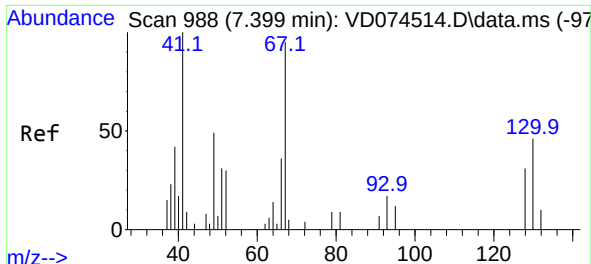
Tgt Ion: 78 Resp: 88696

Ion Ratio Lower Upper

78 100

77 25.3 20.1 30.1

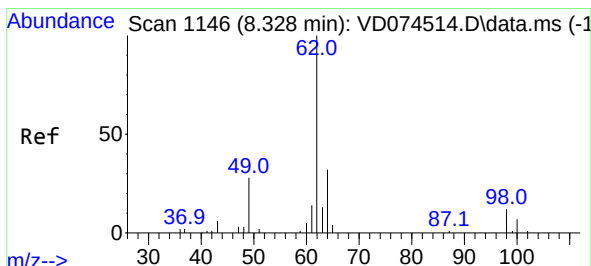
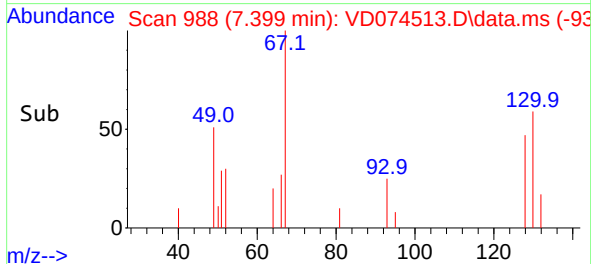
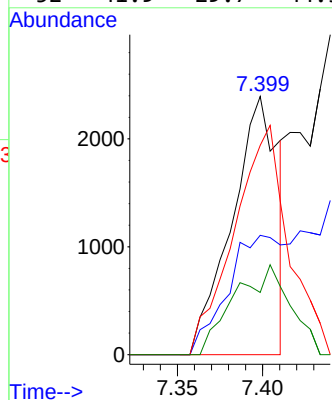
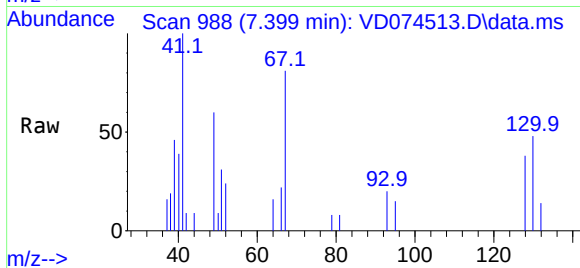




#41
Methacrylonitrile
Concen: 15.019 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

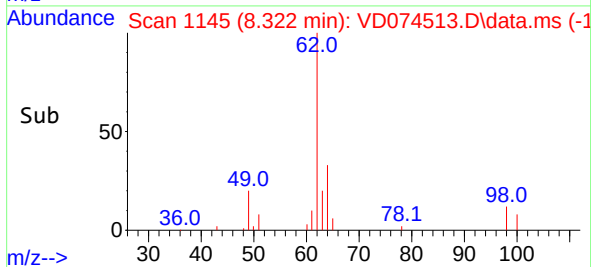
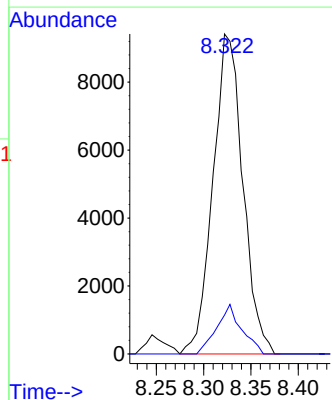
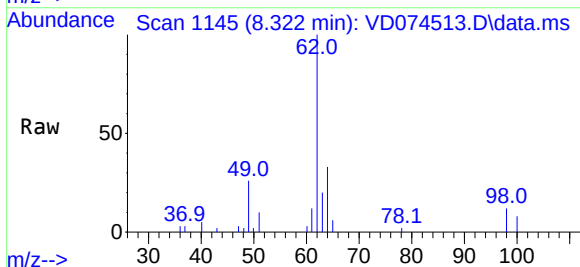
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

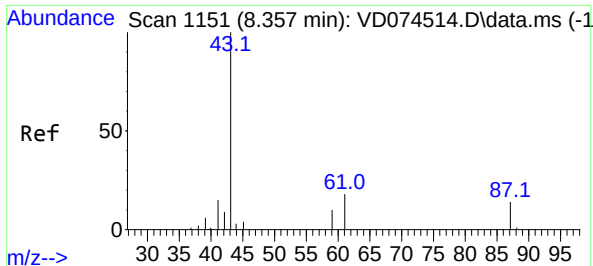
Tgt Ion: 41 Resp: 4532
Ion Ratio Lower Upper
41 100
39 52.9 35.0 52.6#
67 103.8 77.0 115.6
52 41.9 29.7 44.5



#42
1,2-Dichloroethane
Concen: 19.122 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 62 Resp: 20674
Ion Ratio Lower Upper
62 100
98 12.9 0.0 24.2

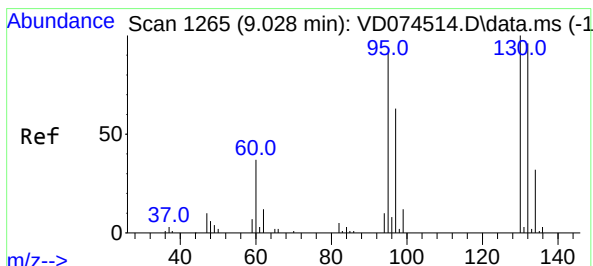
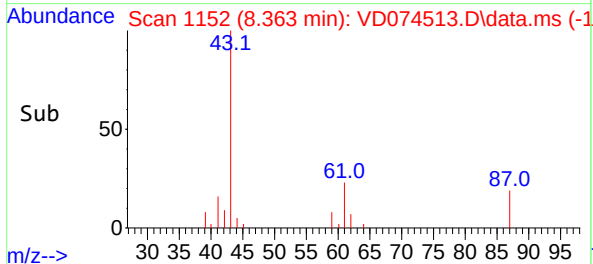
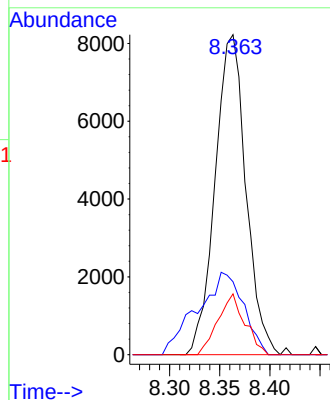
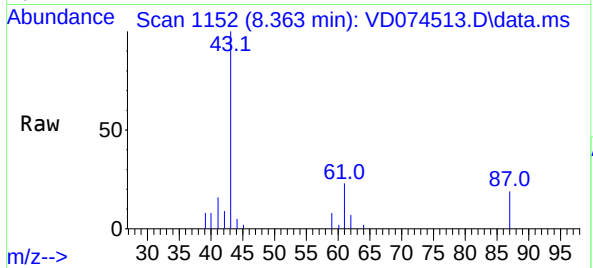




#43
Isopropyl Acetate
Concen: 18.920 ug/l
RT: 8.363 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

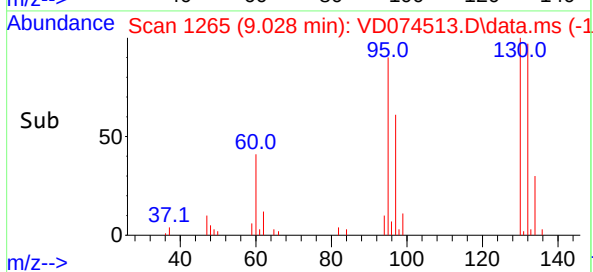
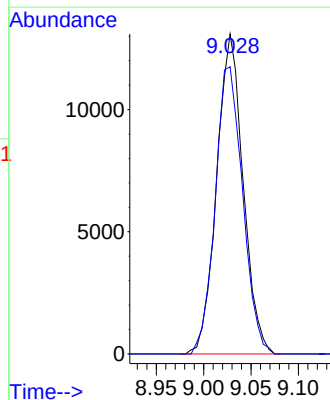
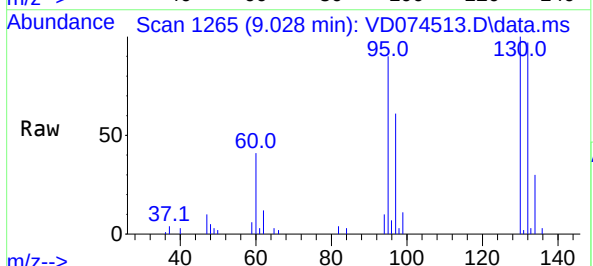
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

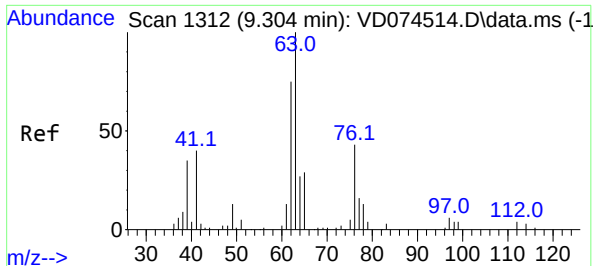
Tgt Ion:	43	Resp:	17540
Ion	Ratio	Lower	Upper
43	100		
61	38.5	30.9	46.3
87	16.7	14.3	21.5



#44
Trichloroethene
Concen: 19.397 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:	130	Resp:	25390
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	185.4

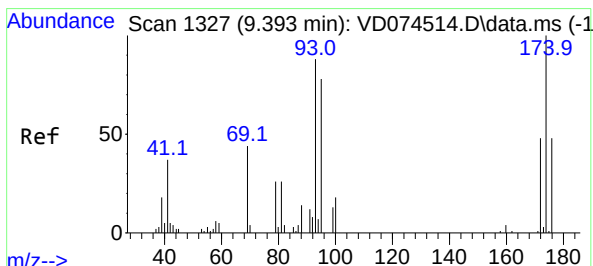
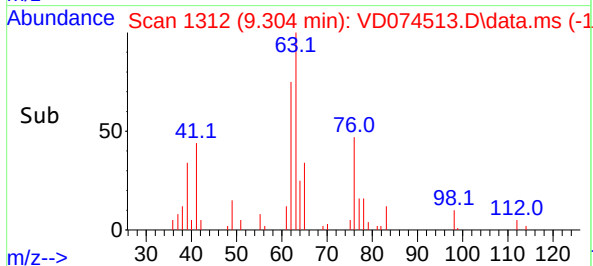
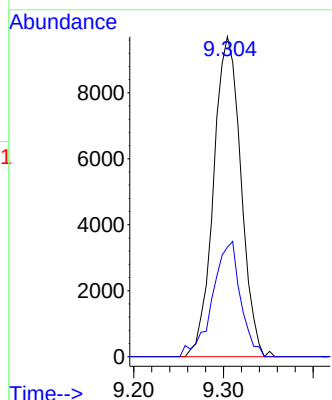
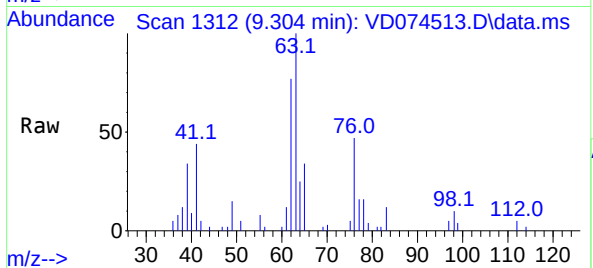




#45
1,2-Dichloropropane
Concen: 19.707 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

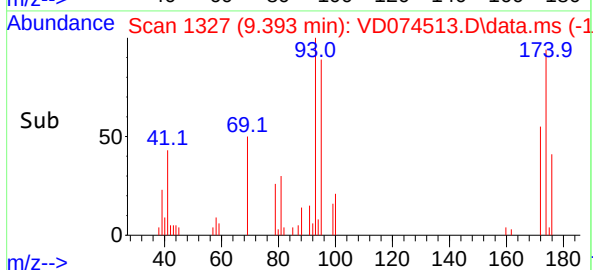
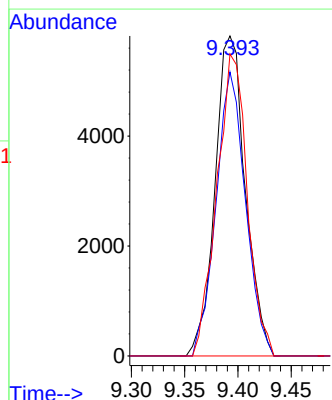
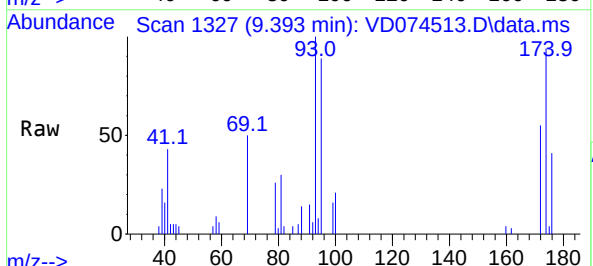
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

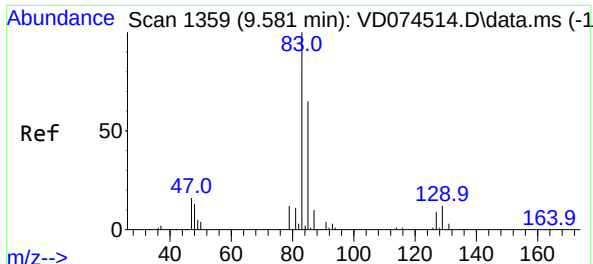
Tgt Ion: 63 Resp: 20543
Ion Ratio Lower Upper
63 100
65 34.2 23.1 34.7



#46
Dibromomethane
Concen: 19.656 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 93 Resp: 11513
Ion Ratio Lower Upper
93 100
95 86.3 68.2 102.2
174 94.5 87.4 131.0

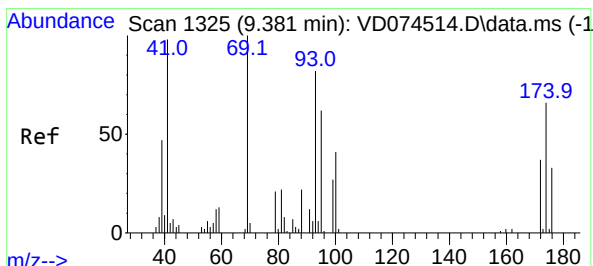
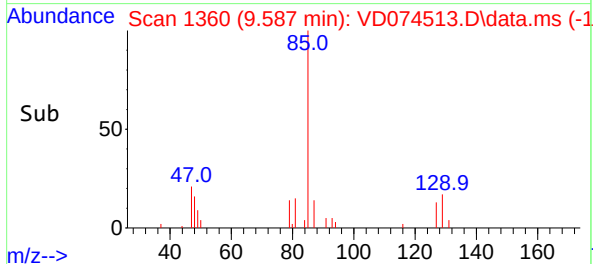
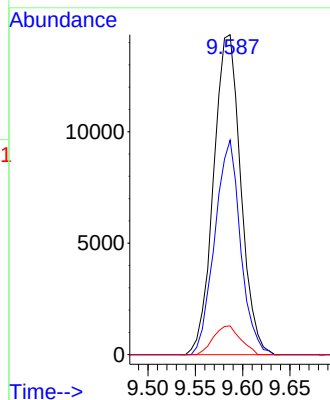
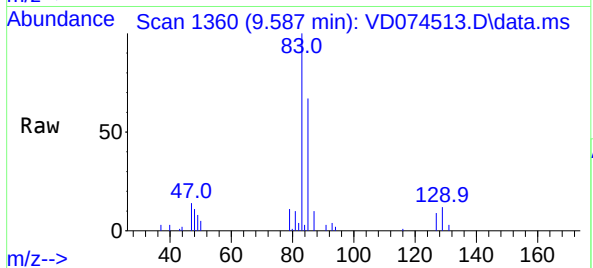




#47
Bromodichloromethane
Concen: 19.810 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

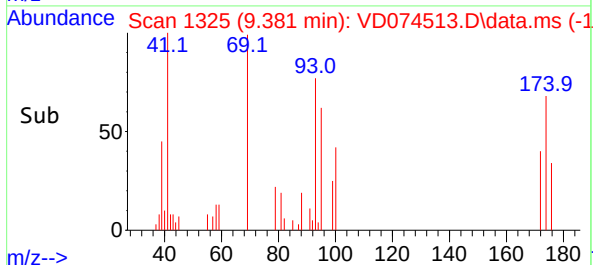
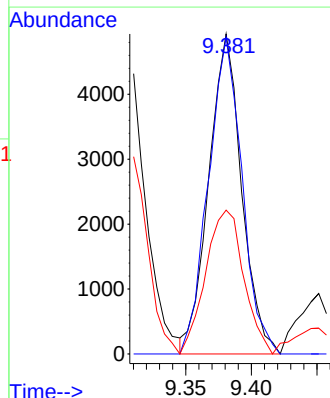
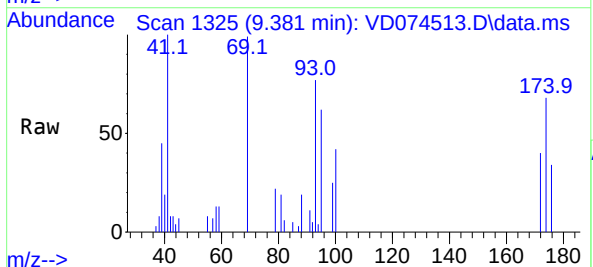
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

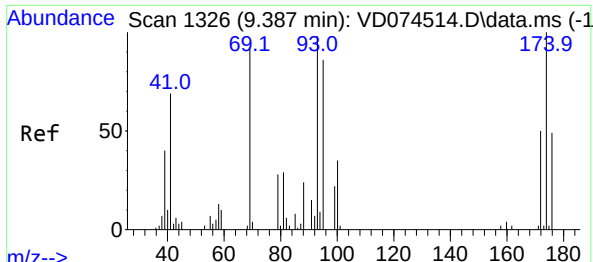
Tgt Ion: 83 Resp: 28682
Ion Ratio Lower Upper
83 100
85 67.0 48.8 73.2
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 19.125 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 41 Resp: 8580
Ion Ratio Lower Upper
41 100
69 101.3 93.0 139.4
39 52.2 44.6 66.8





#49

1,4-Dioxane

Concen: 364.020 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

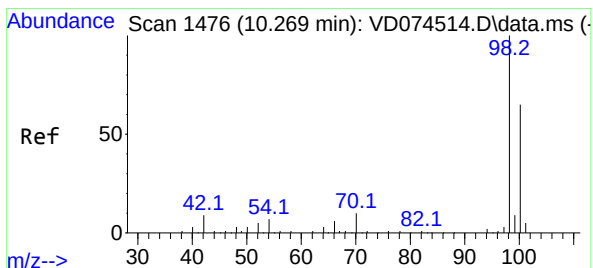
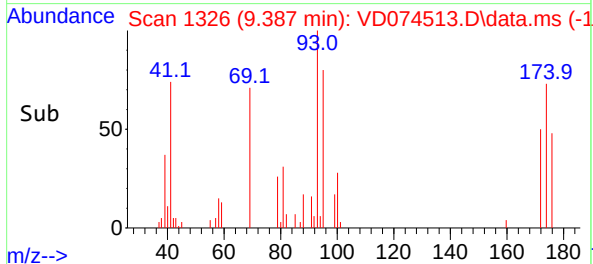
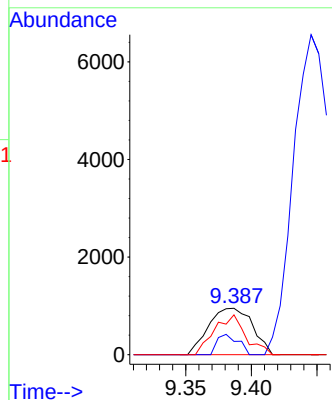
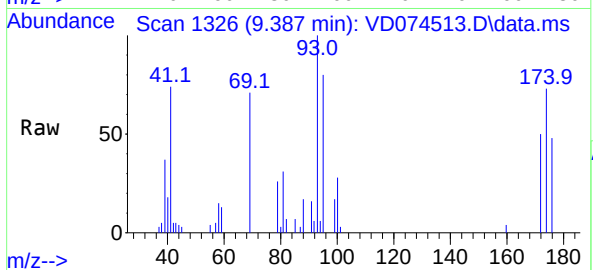
Tgt Ion: 88 Resp: 2215

Ion Ratio Lower Upper

88 100

43 20.9 24.1 36.1#

58 61.1 43.1 64.7



#50

Toluene-d8

Concen: 8.771 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074513.D

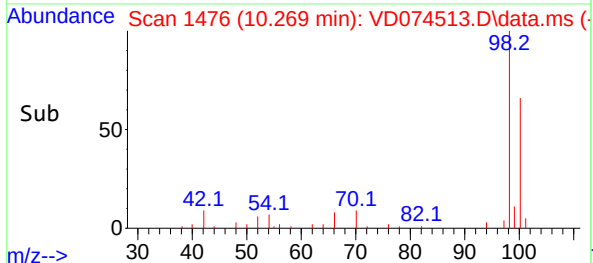
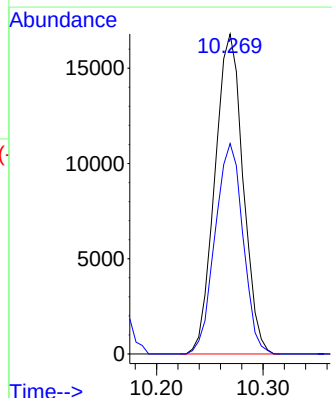
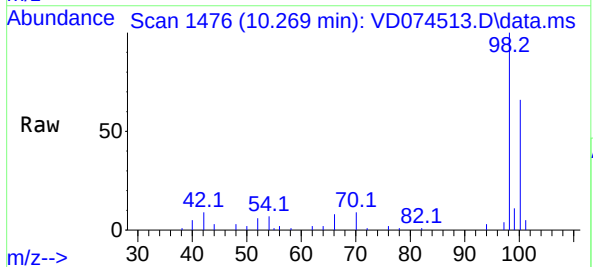
Acq: 11 Oct 2022 12:31

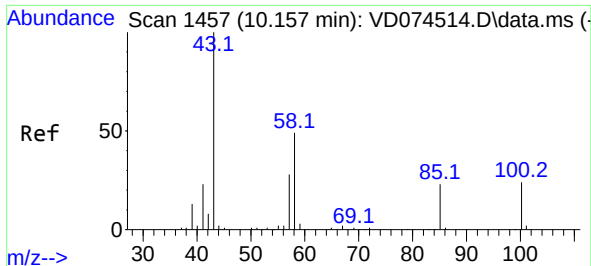
Tgt Ion: 98 Resp: 30883

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

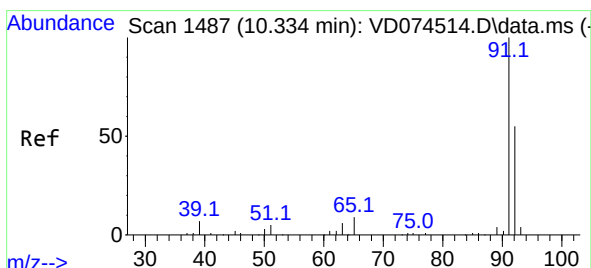
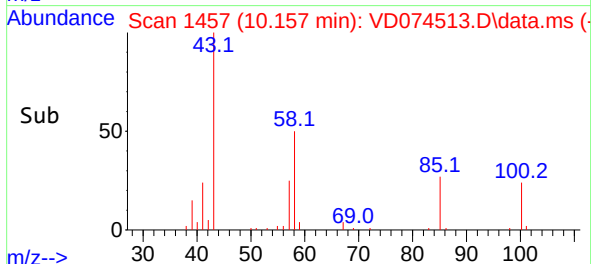
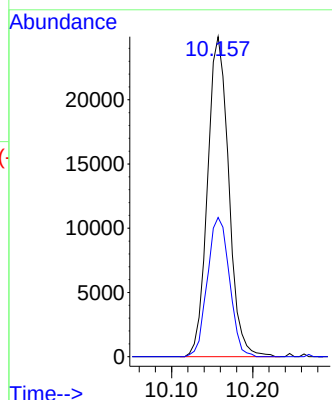
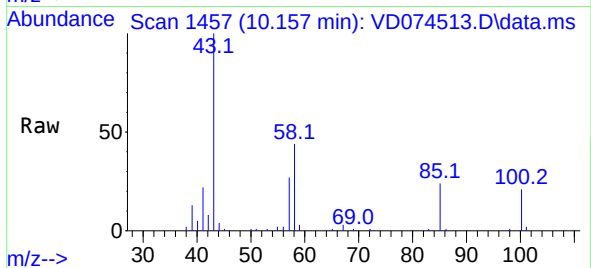




#51
4-Methyl-2-Pentanone
Concen: 98.499 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

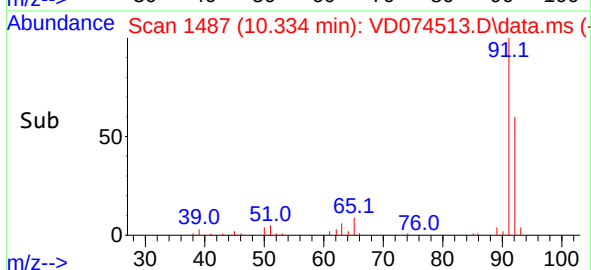
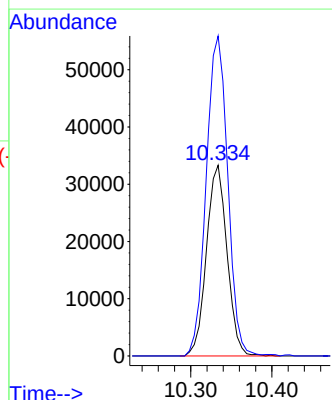
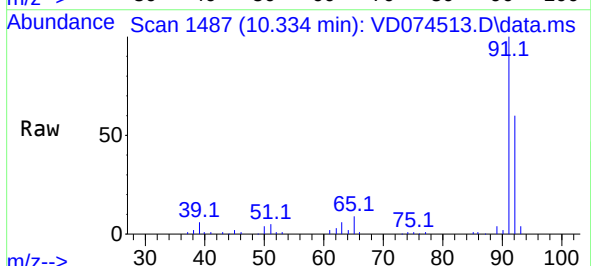
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

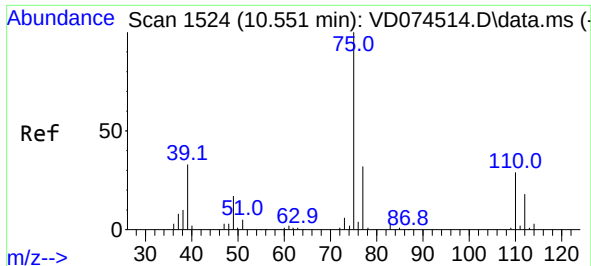
Tgt Ion: 43 Resp: 45175
Ion Ratio Lower Upper
43 100
58 45.2 37.8 56.6



#52
Toluene
Concen: 20.284 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 92 Resp: 58655
Ion Ratio Lower Upper
92 100
91 175.5 139.0 208.4

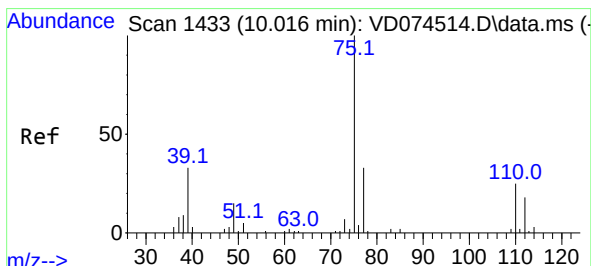
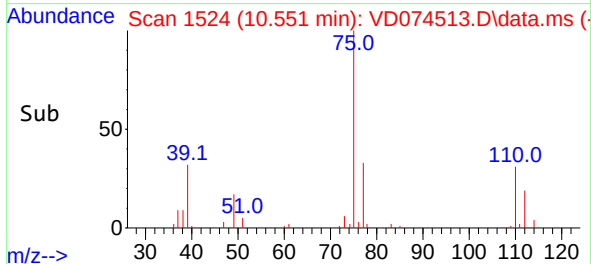
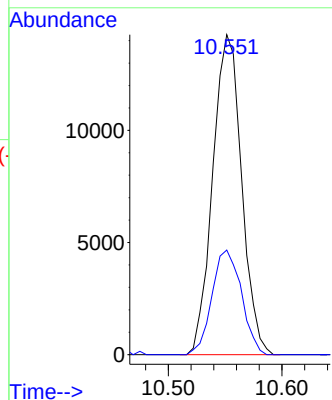
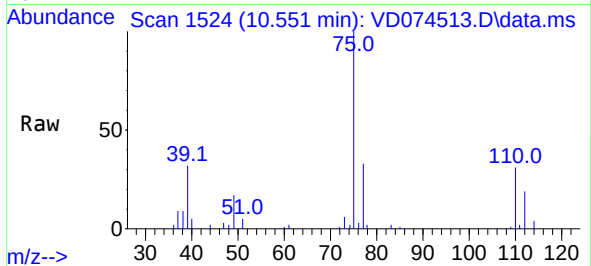




#53
 t-1,3-Dichloropropene
 Concen: 19.968 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

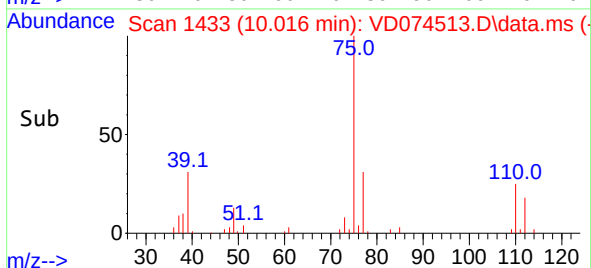
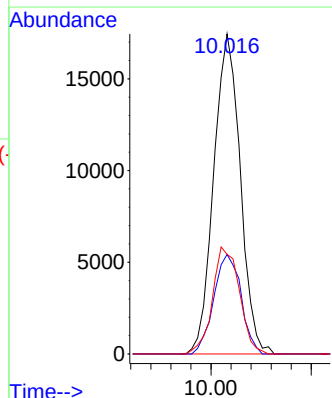
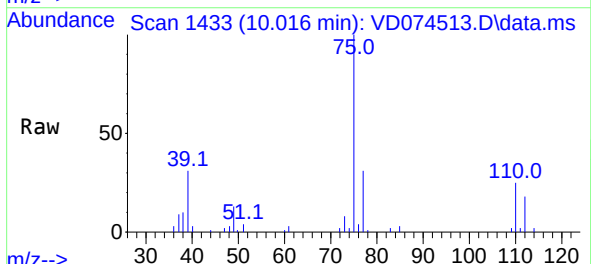
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

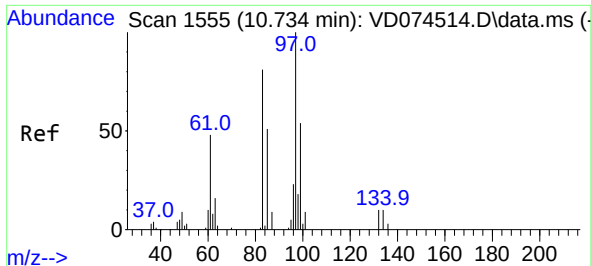
Tgt Ion: 75 Resp: 25206
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.071 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

Tgt Ion: 75 Resp: 32001
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1
 39 31.1 25.4 38.2

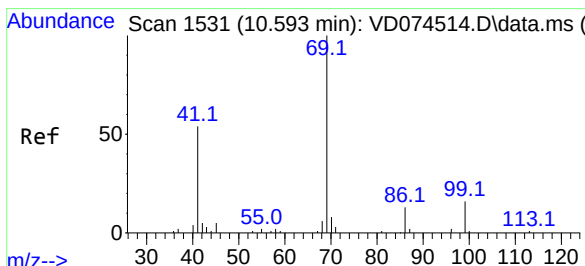
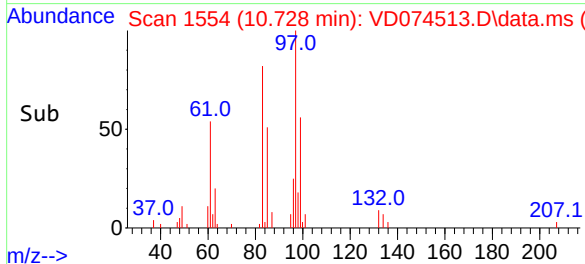
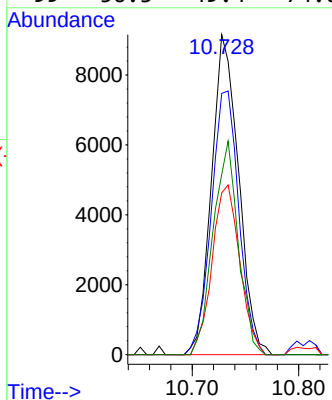
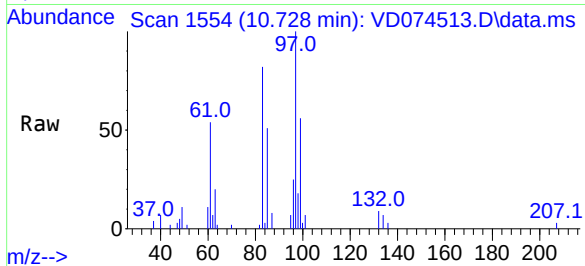




#55
1,1,2-Trichloroethane
Concen: 20.579 ug/l
RT: 10.728 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

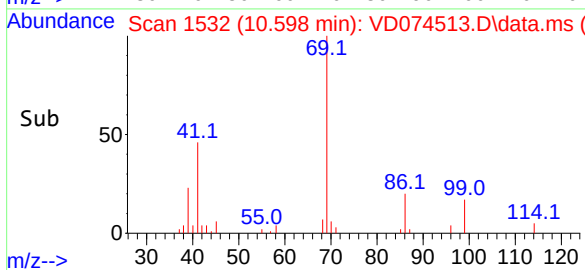
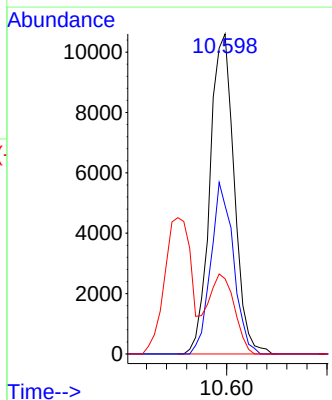
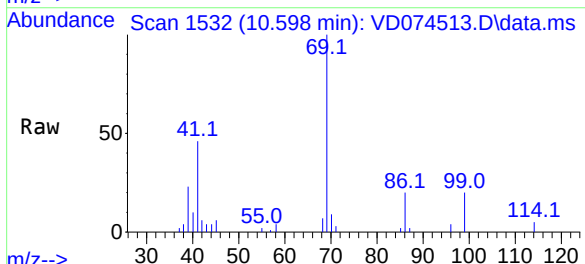
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

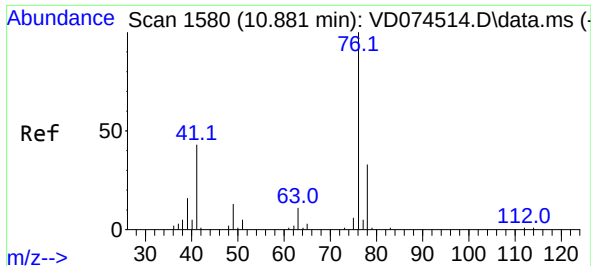
Tgt Ion: 97	Resp: 16158
Ion Ratio	Lower Upper
97 100	
83 81.6	64.8 97.2
85 50.6	44.8 67.2
99 56.3	49.4 74.0



#56
Ethyl methacrylate
Concen: 19.639 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 69	Resp: 17775
Ion Ratio	Lower Upper
69 100	
41 50.1	38.6 58.0
39 25.7	19.9 29.9





#57

1,3-Dichloropropane

Concen: 19.435 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

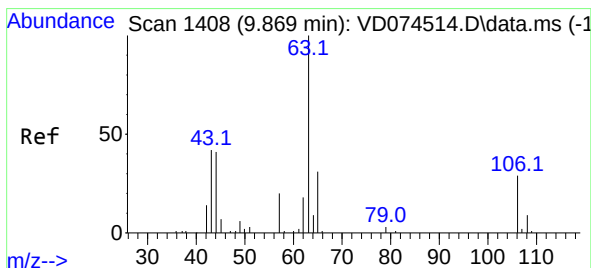
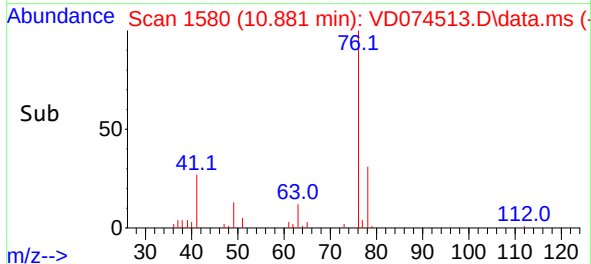
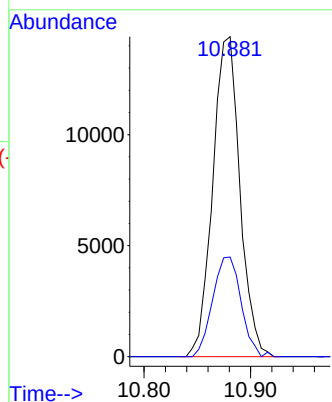
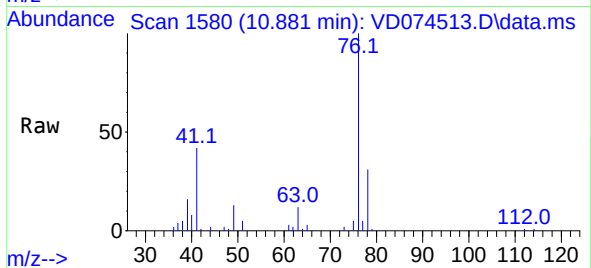
VSTDIC020

Tgt Ion: 76 Resp: 25521

Ion Ratio Lower Upper

76 100

78 32.6 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 91.127 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074513.D

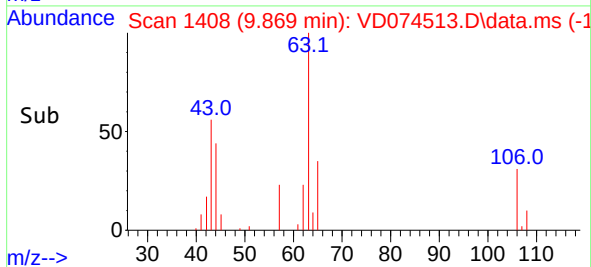
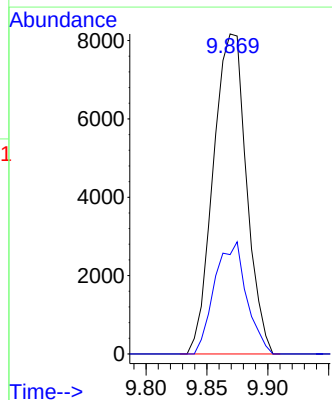
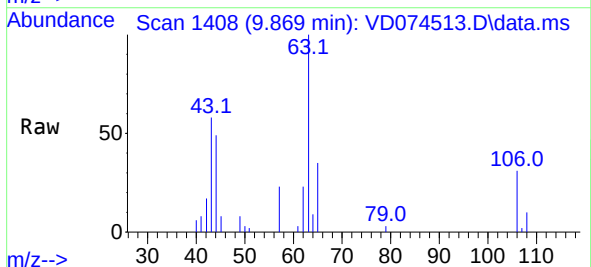
Acq: 11 Oct 2022 12:31

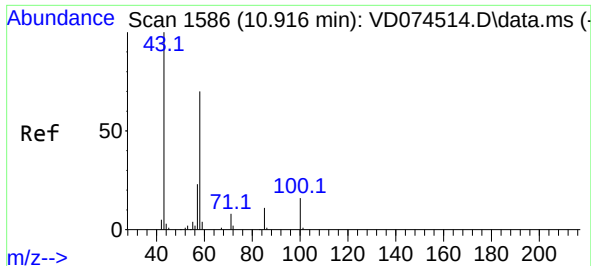
Tgt Ion: 63 Resp: 15488

Ion Ratio Lower Upper

63 100

106 33.6 26.5 39.7

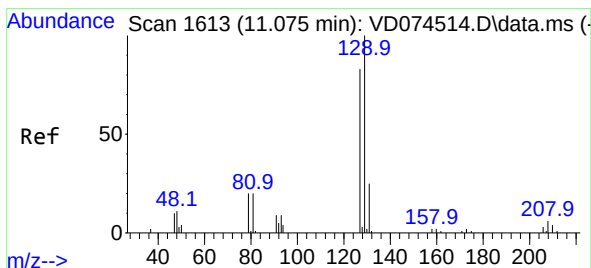
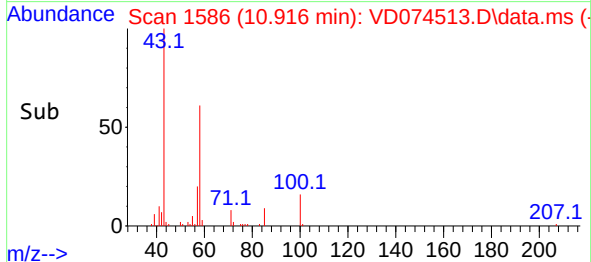
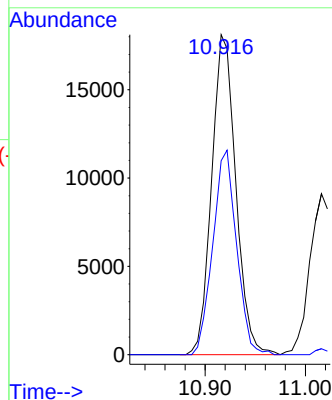
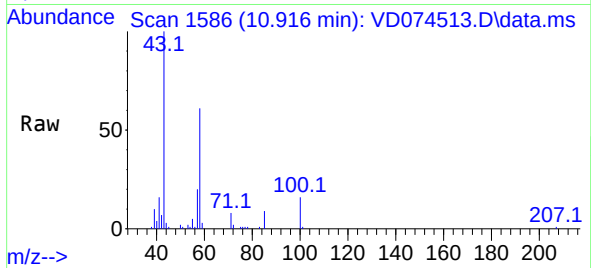




#59
2-Hexanone
Concen: 98.692 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

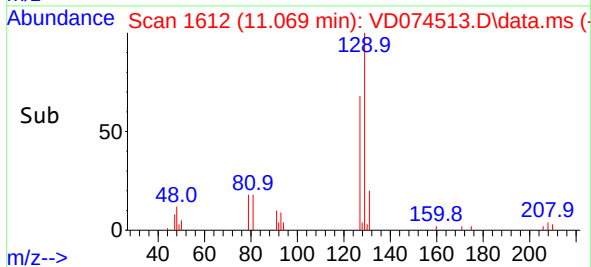
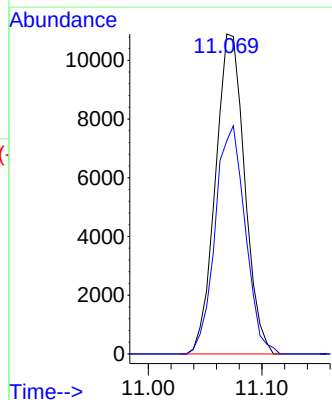
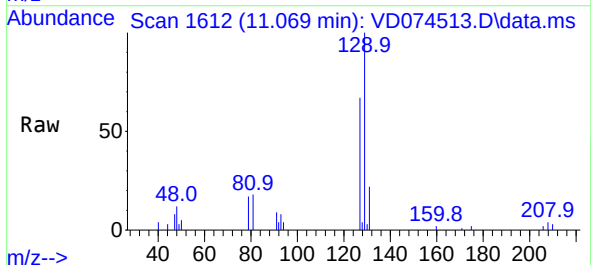
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

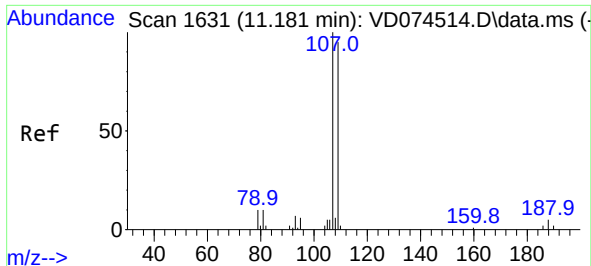
Tgt Ion: 43 Resp: 30300
Ion Ratio Lower Upper
43 100
58 63.0 32.0 96.2



#60
Dibromochloromethane
Concen: 20.633 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 129 Resp: 19486
Ion Ratio Lower Upper
129 100
127 73.4 39.1 117.2

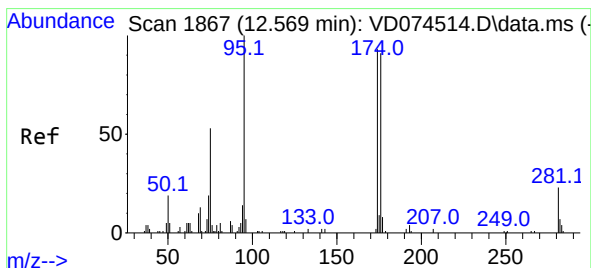
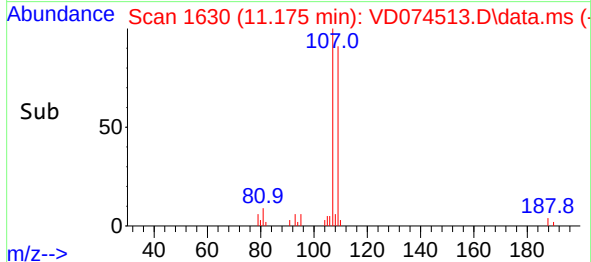
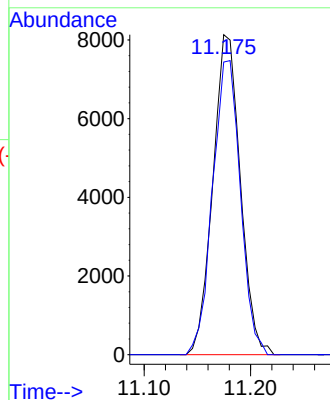
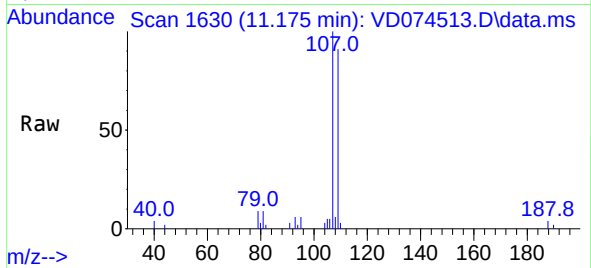




#61
1,2-Dibromoethane
Concen: 19.930 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

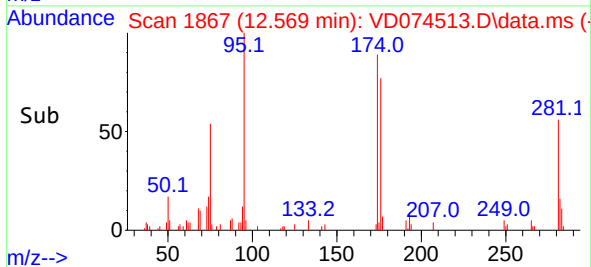
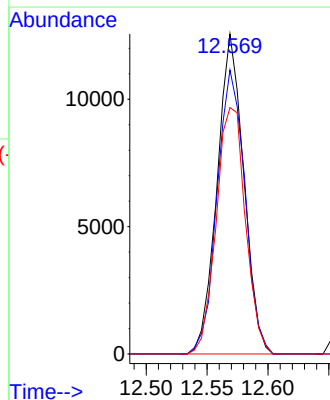
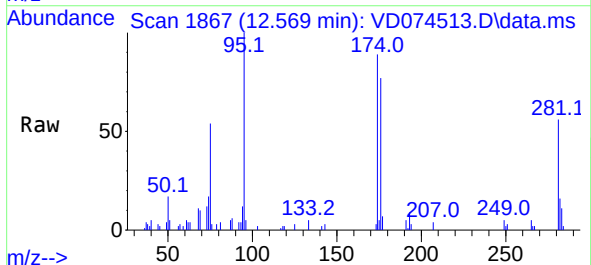
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

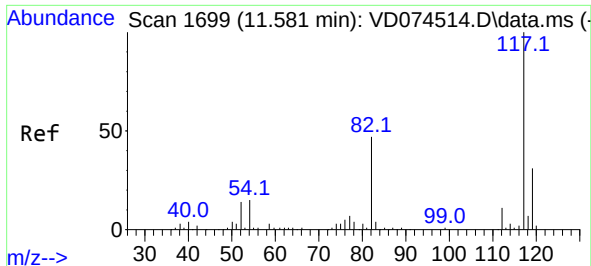
Tgt Ion:107 Resp: 14560
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 14.628 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 95 Resp: 19088
Ion Ratio Lower Upper
95 100
174 92.7 0.0 197.0
176 84.5 0.0 182.6

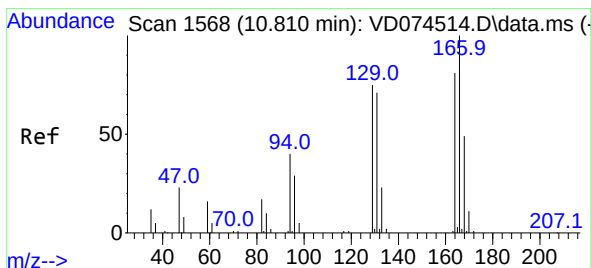
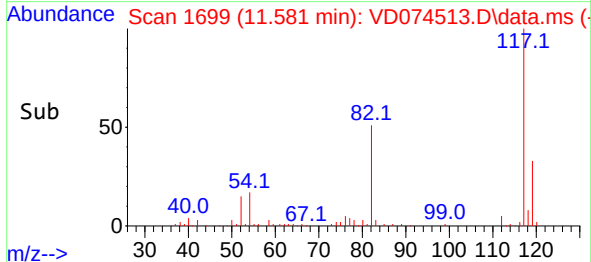
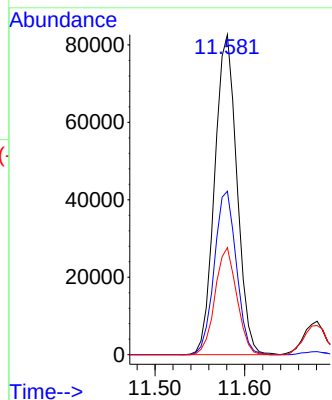
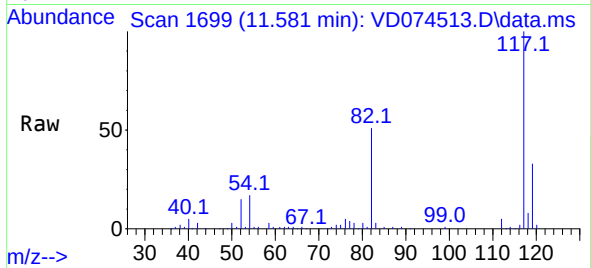




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

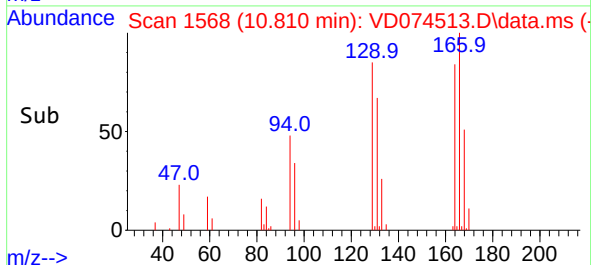
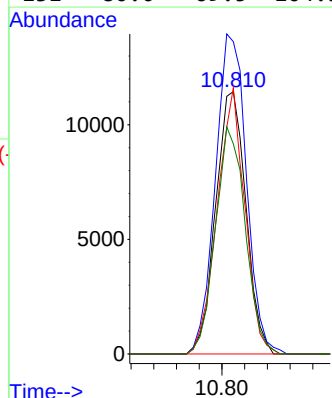
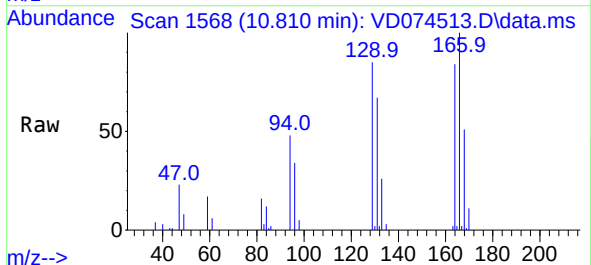
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

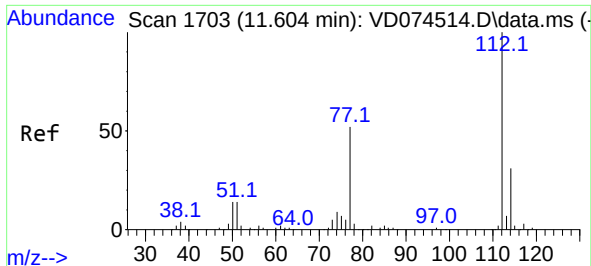
Tgt Ion:117 Resp: 141908
Ion Ratio Lower Upper
117 100
82 51.1 41.6 62.4
119 33.5 25.2 37.8



#64
Tetrachloroethene
Concen: 19.878 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:164 Resp: 21123
Ion Ratio Lower Upper
164 100
166 119.0 107.8 161.8
129 101.4 77.4 116.2
131 80.0 69.5 104.3

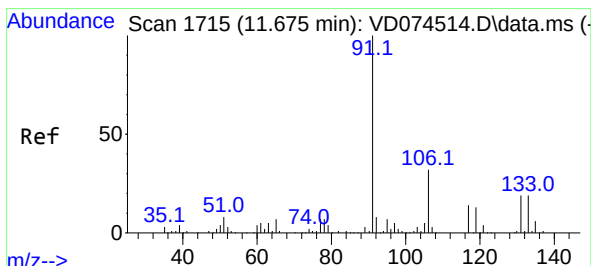
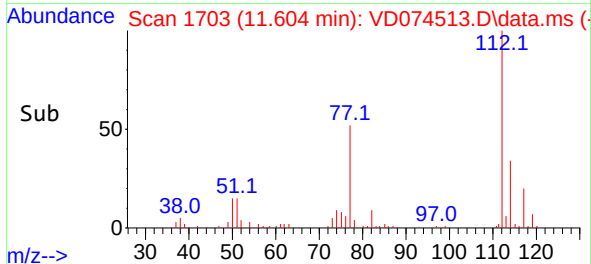
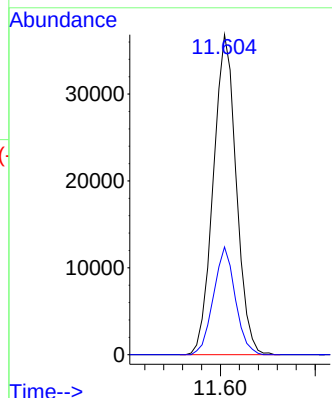
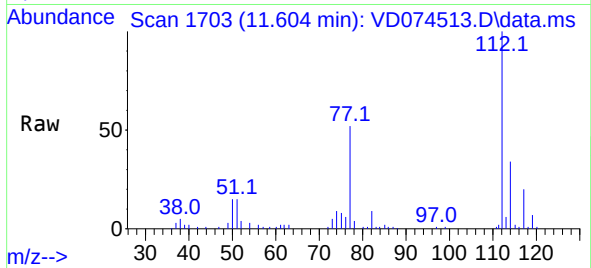




#65
Chlorobenzene
Concen: 20.351 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

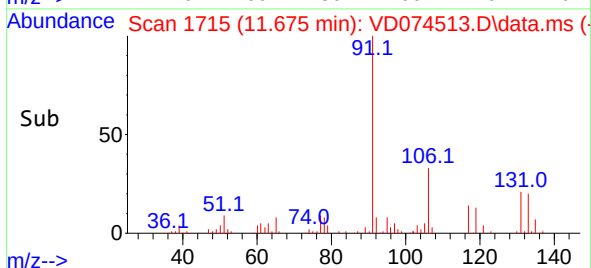
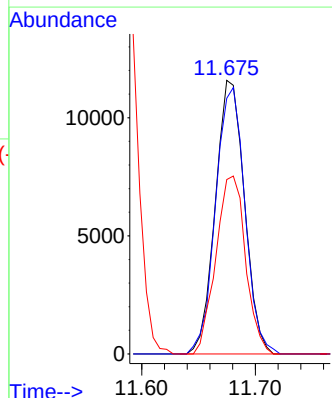
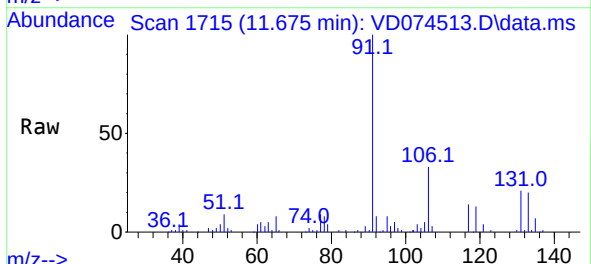
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

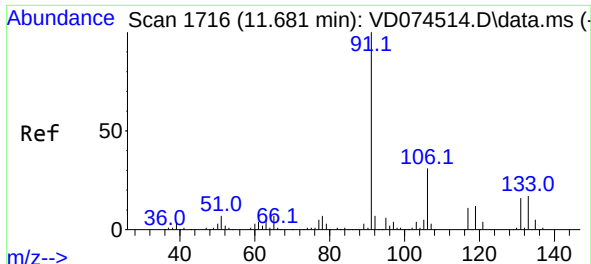
Tgt Ion:112 Resp: 61991
Ion Ratio Lower Upper
112 100
114 33.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.917 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:131 Resp: 20586
Ion Ratio Lower Upper
131 100
133 98.2 46.6 139.8
119 66.3 32.5 97.4

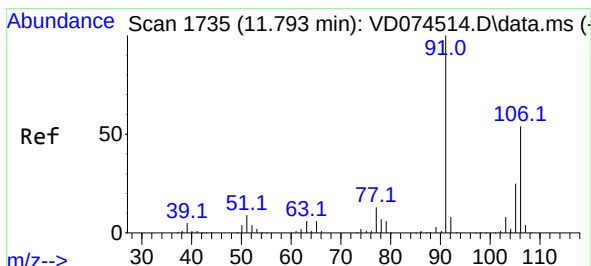
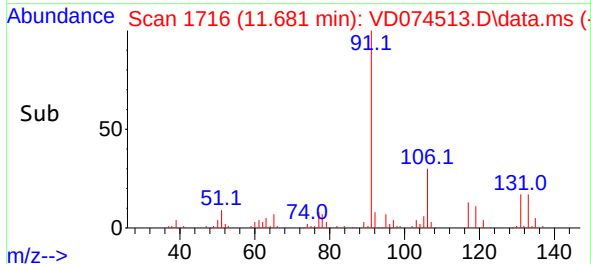
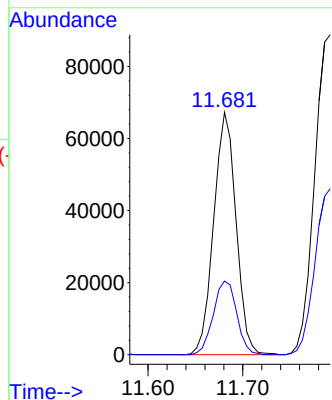
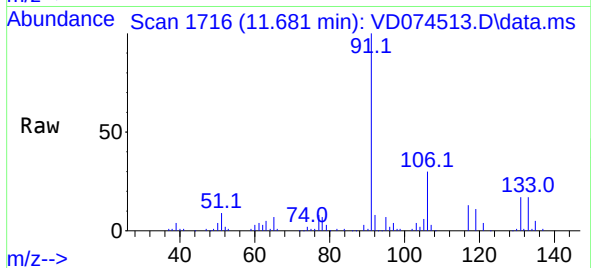




#67
Ethyl Benzene
Concen: 20.413 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

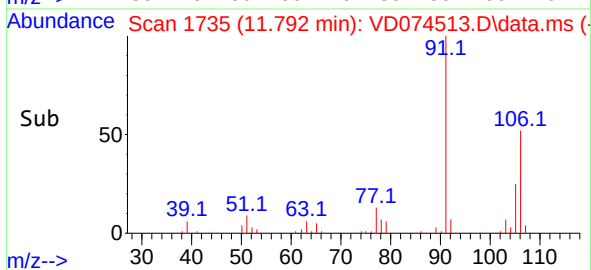
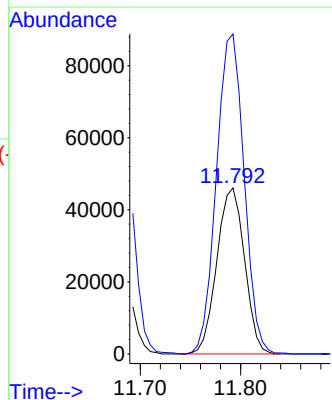
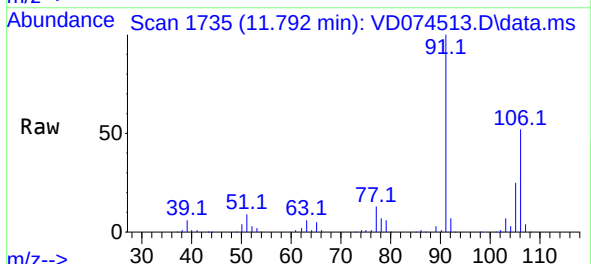
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

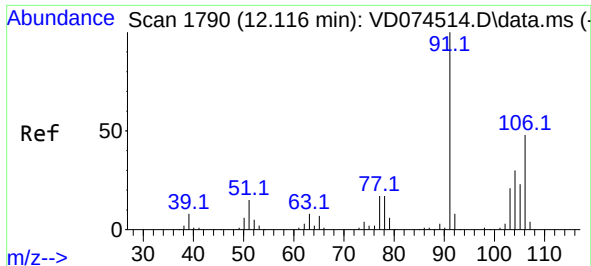
Tgt Ion: 91 Resp: 110218
Ion Ratio Lower Upper
91 100
106 30.4 26.6 40.0



#68
m/p-Xylenes
Concen: 41.023 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:106 Resp: 88321
Ion Ratio Lower Upper
106 100
91 192.9 156.2 234.4





#69

o-Xylene

Concen: 20.276 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

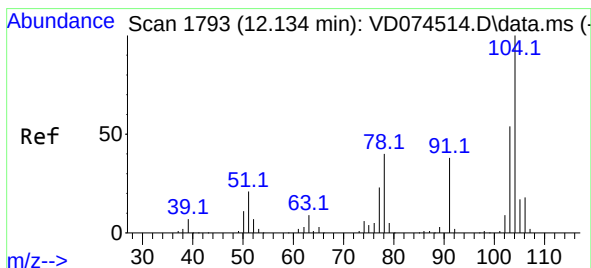
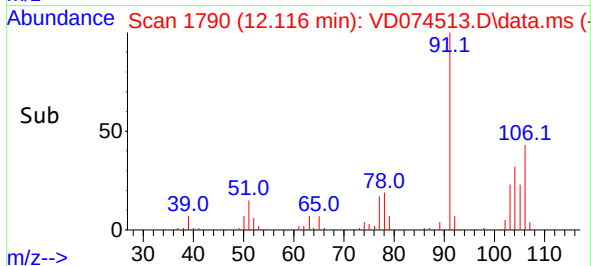
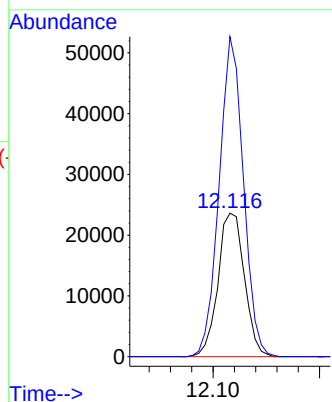
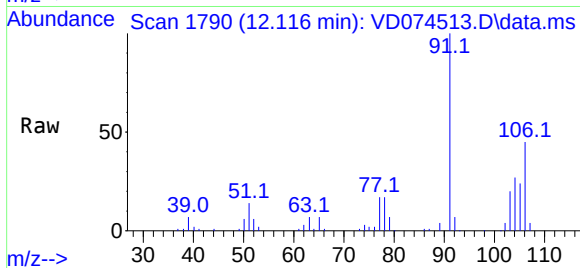
VSTDIC020

Tgt Ion:106 Resp: 40617

Ion Ratio Lower Upper

106 100

91 205.1 104.5 313.3



#70

Styrene

Concen: 20.391 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

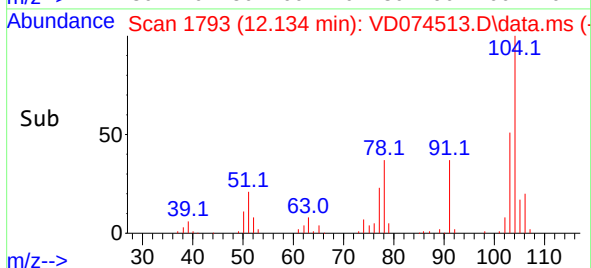
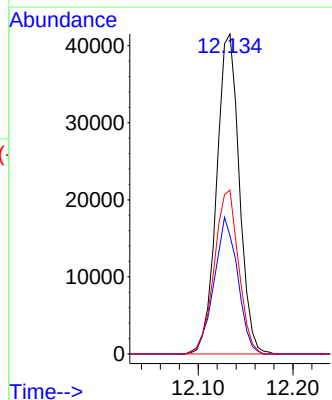
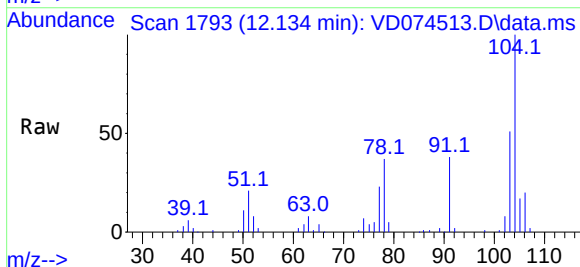
Tgt Ion:104 Resp: 69025

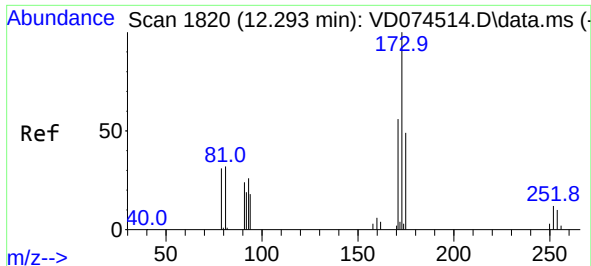
Ion Ratio Lower Upper

104 100

78 44.5 35.7 53.5

103 54.9 43.7 65.5

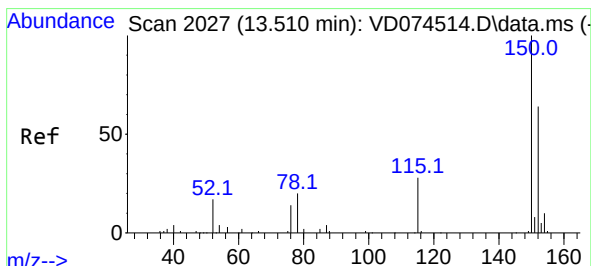
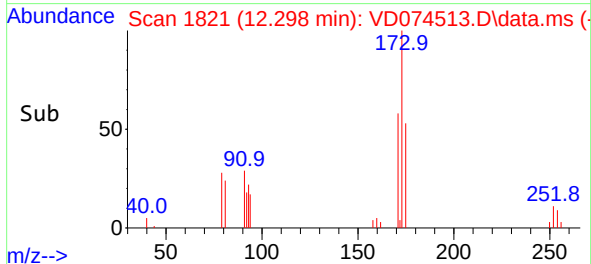
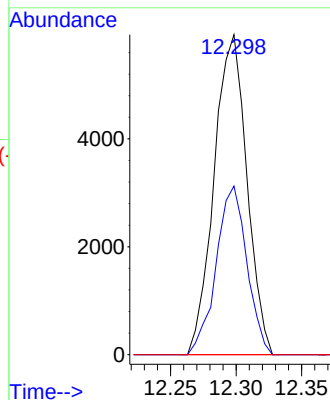
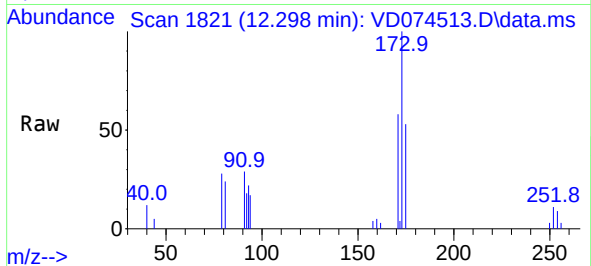




#71
Bromoform
Concen: 19.580 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

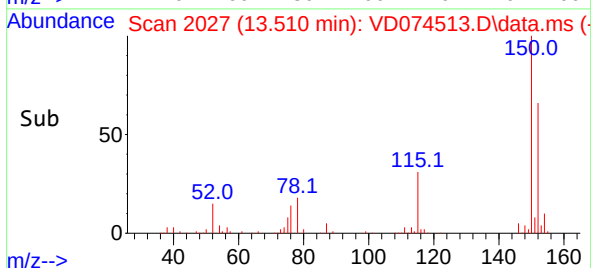
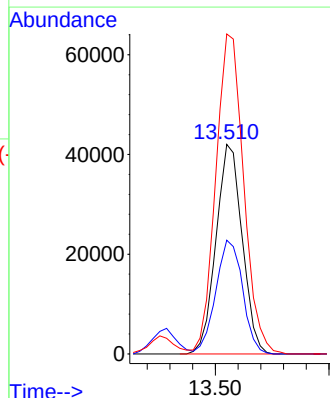
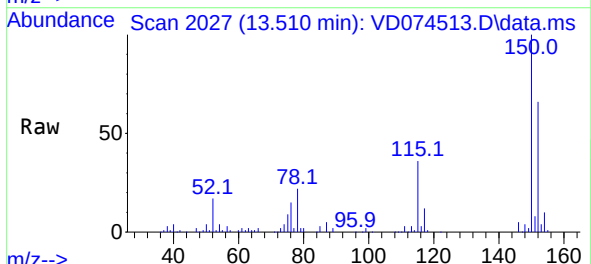
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

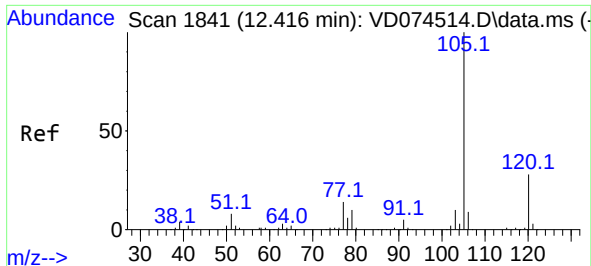
Tgt Ion:173 Resp: 10309
Ion Ratio Lower Upper
173 100
175 49.3 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:152 Resp: 67257
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 163.1 0.0 348.2

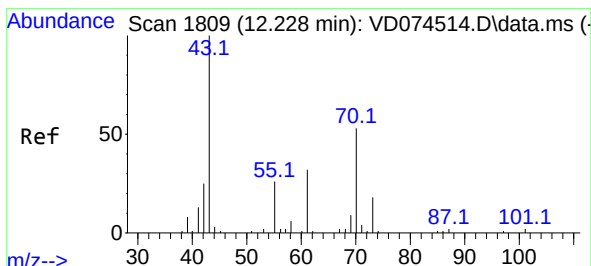
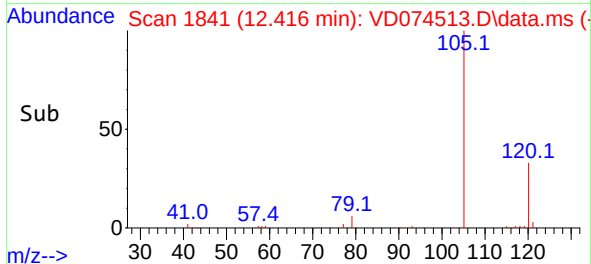
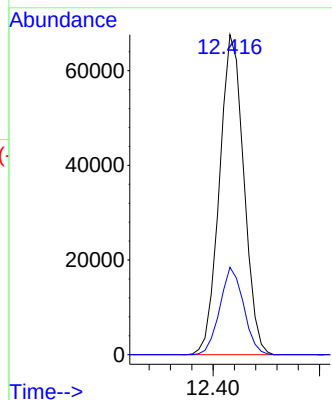
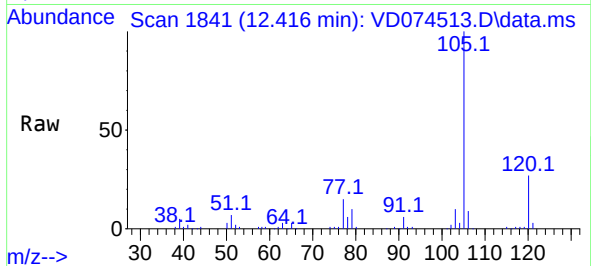




#73
Isopropylbenzene
Concen: 19.810 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

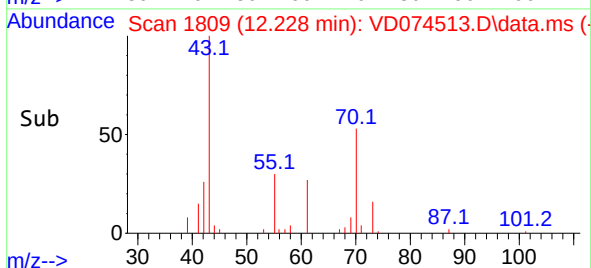
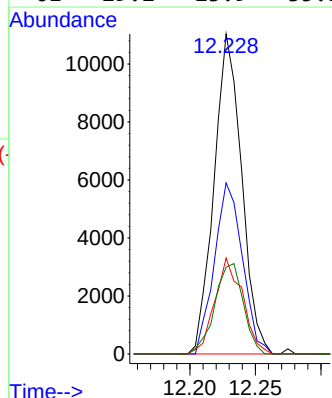
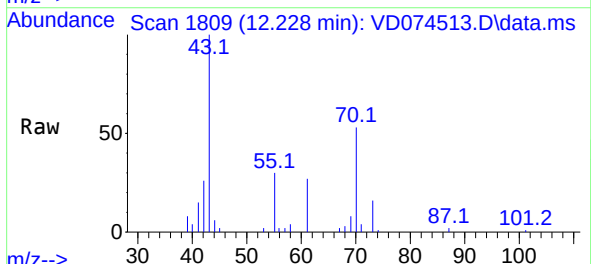
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

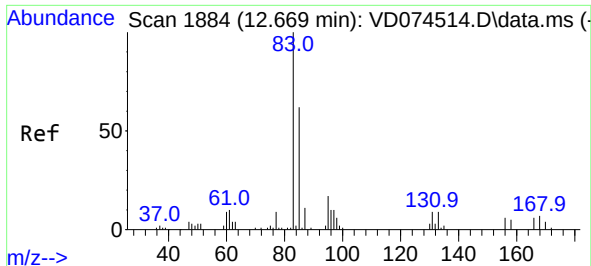
Tgt Ion:105 Resp: 107183
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 19.041 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 43 Resp: 16135
Ion Ratio Lower Upper
43 100
70 54.4 43.8 65.6
55 30.2 22.0 33.0
61 29.2 23.9 35.9

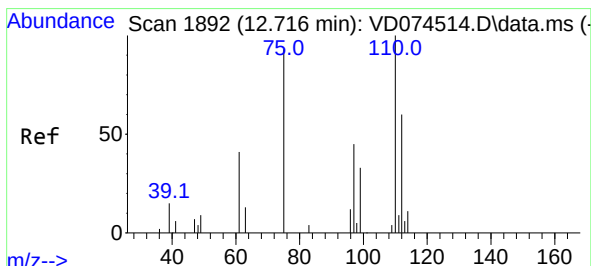
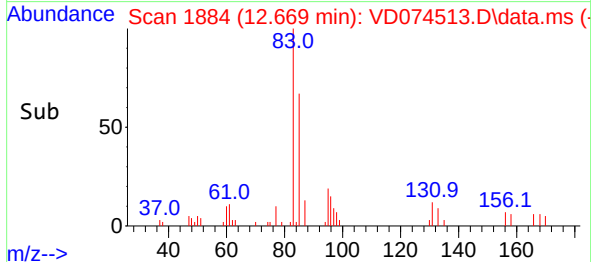
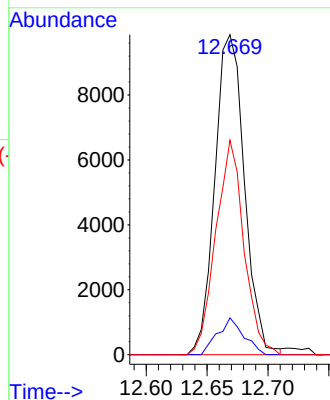
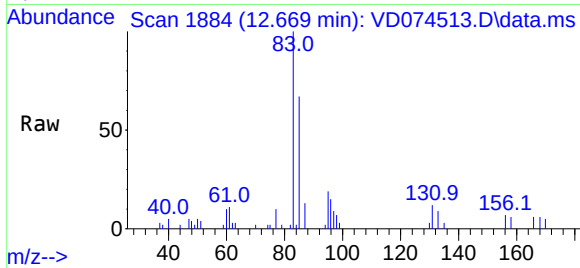




#75
1,1,2,2-Tetrachloroethane
Concen: 19.495 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

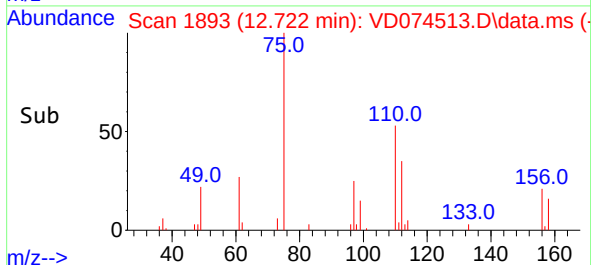
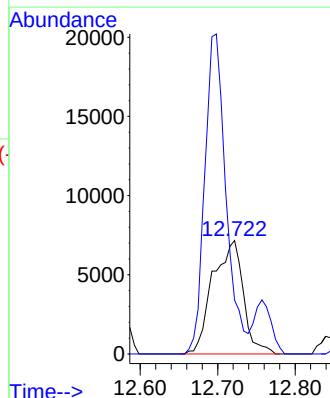
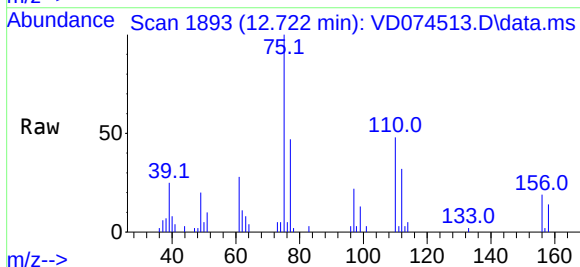
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

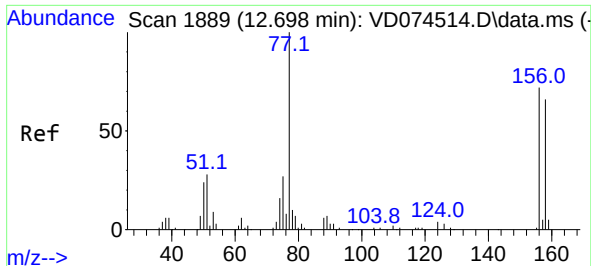
Tgt Ion: 83 Resp: 16685
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 63.6 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 38.163 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 75 Resp: 19651
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

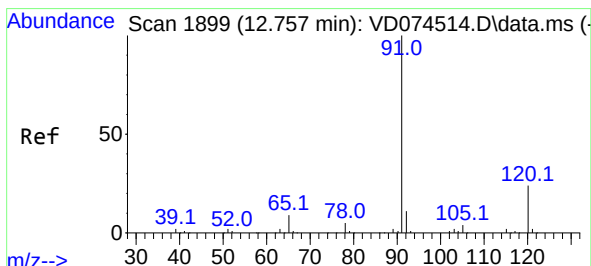
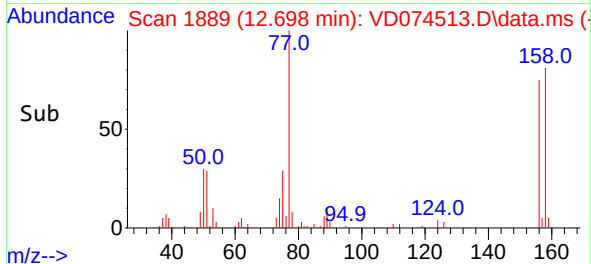
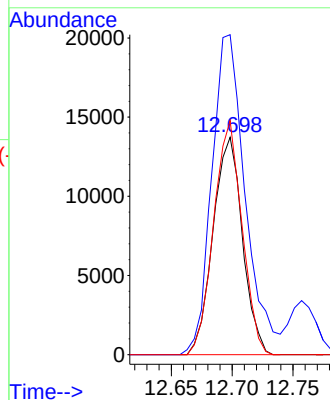
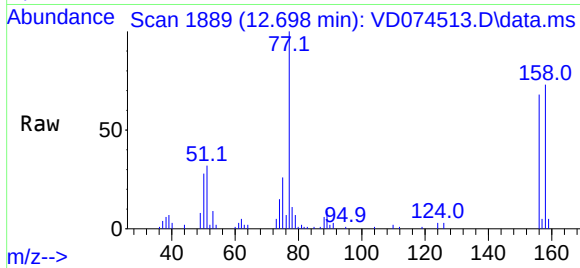




#77
Bromobenzene
Concen: 18.828 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

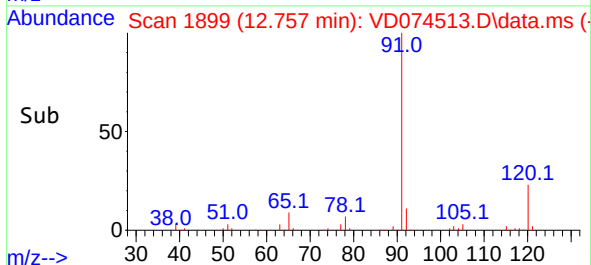
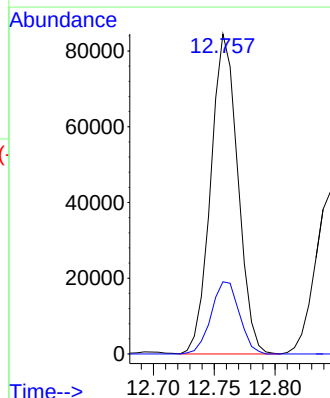
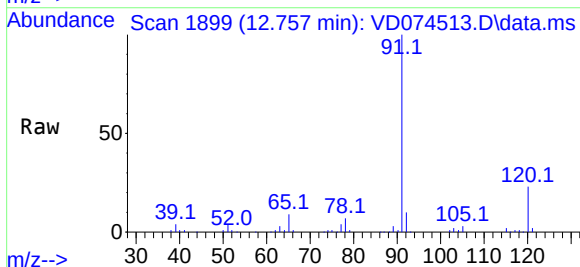
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

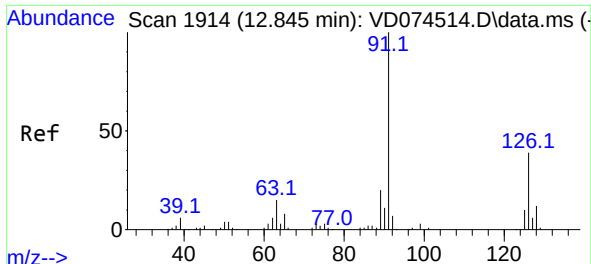
Tgt Ion:156 Resp: 23047
Ion Ratio Lower Upper
156 100
77 167.8 77.7 233.1
158 104.0 49.4 148.2



#78
n-propylbenzene
Concen: 19.961 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 91 Resp: 130662
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7

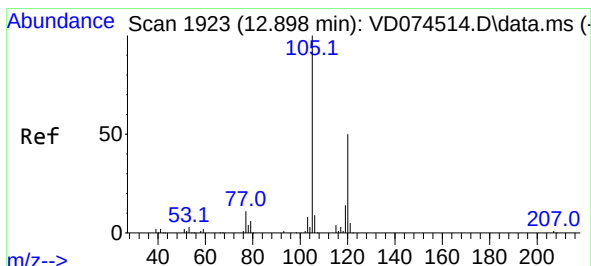
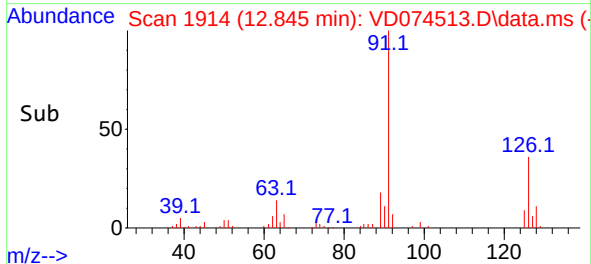
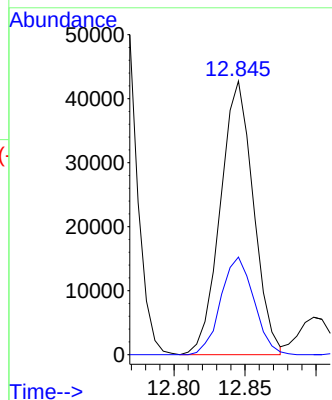
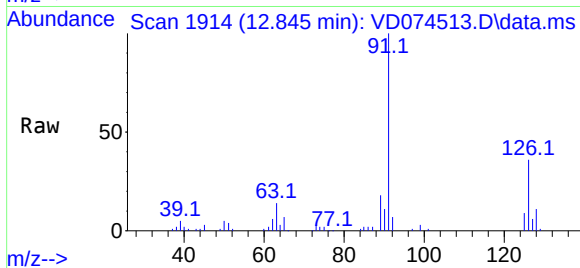




#79
2-Chlorotoluene
Concen: 19.748 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

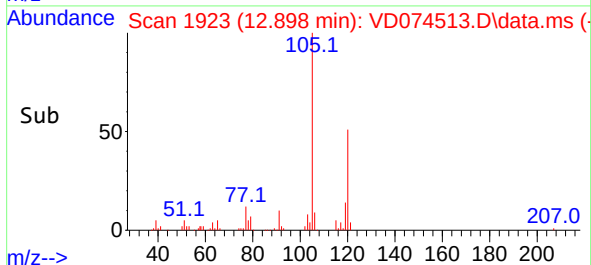
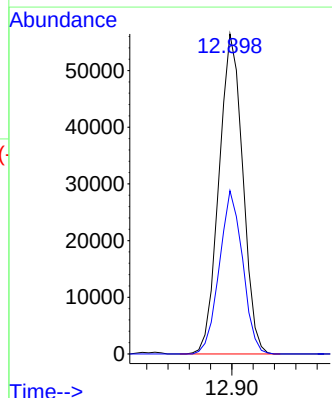
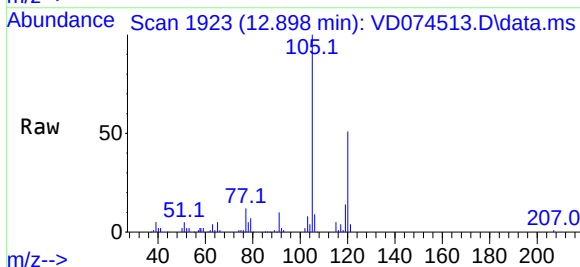
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

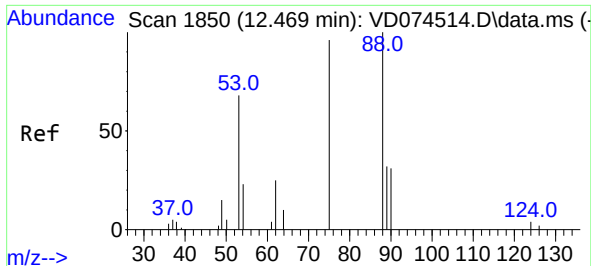
Tgt Ion: 91 Resp: 69381
Ion Ratio Lower Upper
91 100
126 35.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 19.894 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 105 Resp: 87482
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.0

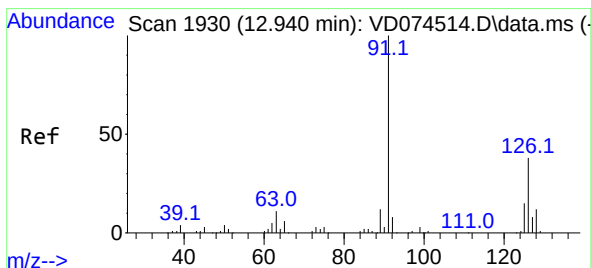
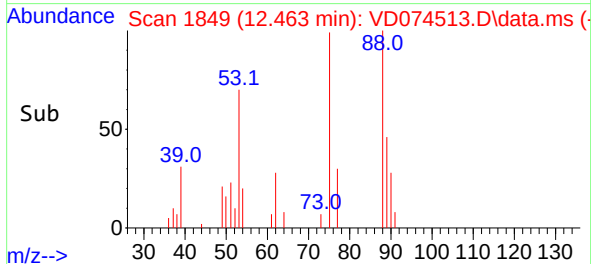
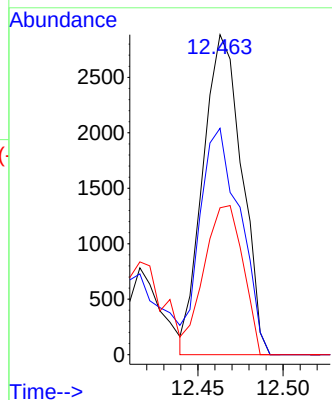
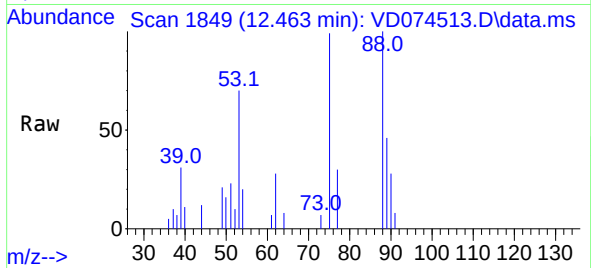




#81
trans-1,4-Dichloro-2-butene
Concen: 20.186 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

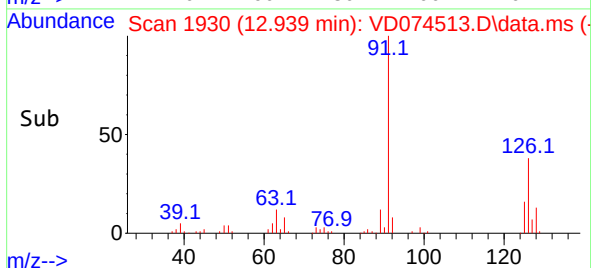
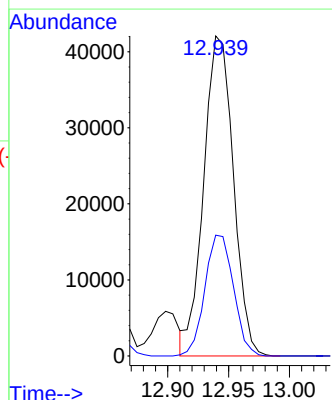
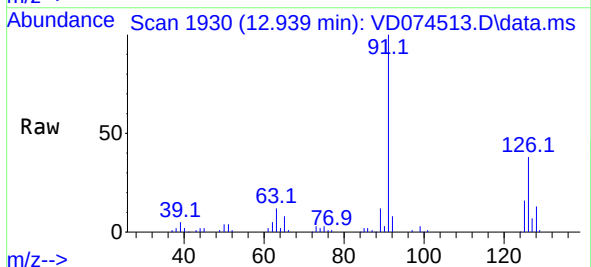
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

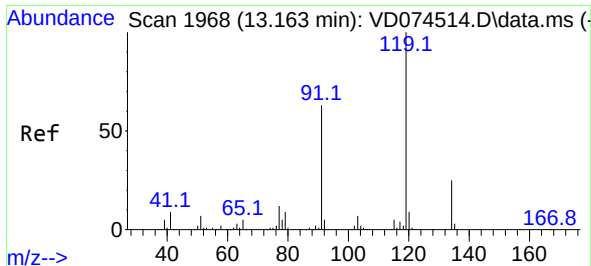
Tgt Ion: 75 Resp: 4574
Ion Ratio Lower Upper
75 100
53 73.0 63.8 95.6
89 46.7 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.305 ug/l
RT: 12.939 min Scan# 1930
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion: 91 Resp: 71604
Ion Ratio Lower Upper
91 100
126 36.4 18.8 56.4

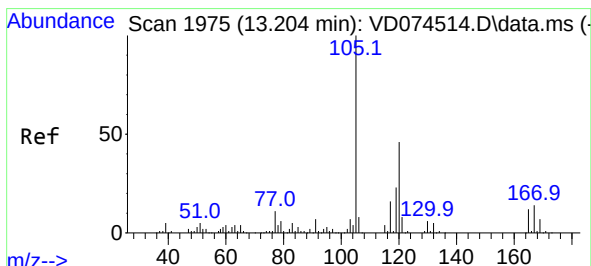
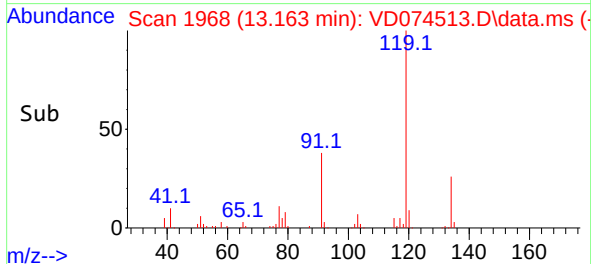
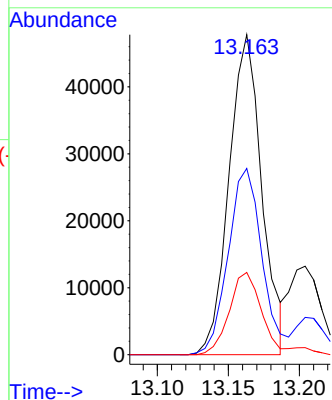
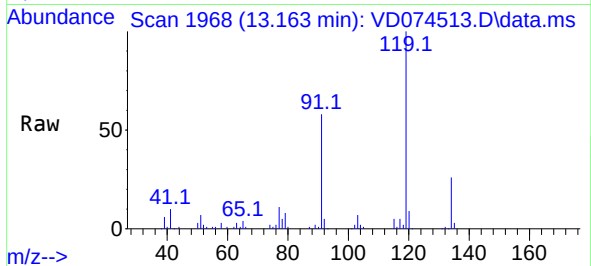




#83
tert-Butylbenzene
Concen: 19.961 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

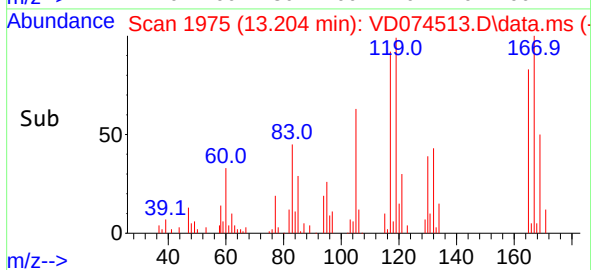
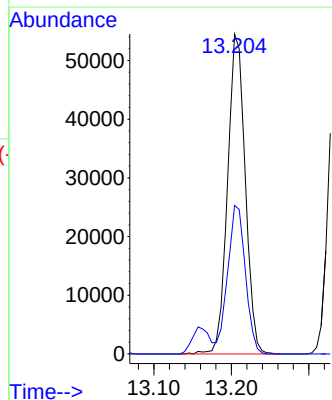
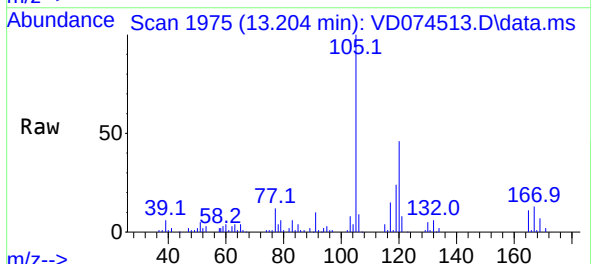
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

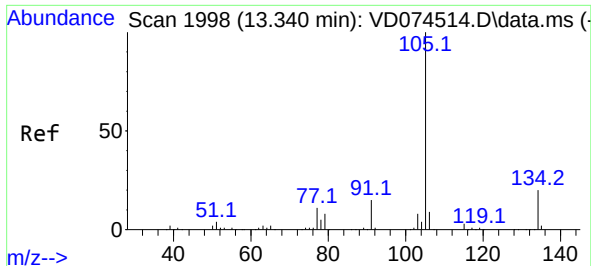
Tgt Ion:119 Resp: 76861
Ion Ratio Lower Upper
119 100
91 60.5 30.0 90.0
134 25.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.831 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:105 Resp: 86385
Ion Ratio Lower Upper
105 100
120 47.2 22.9 68.7

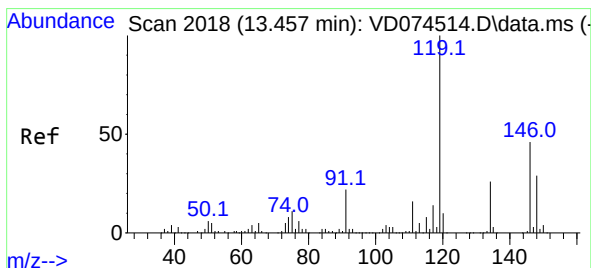
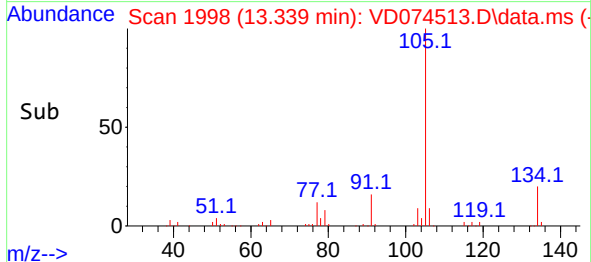
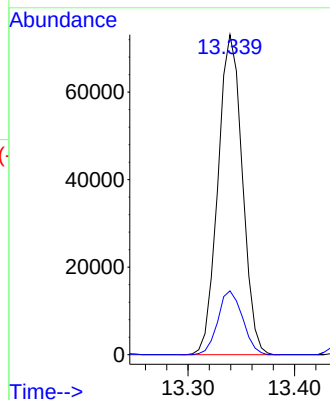
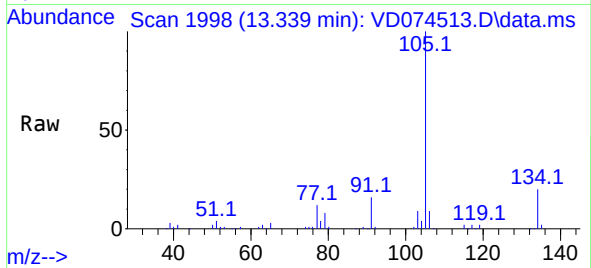




#85
 sec-Butylbenzene
 Concen: 19.800 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

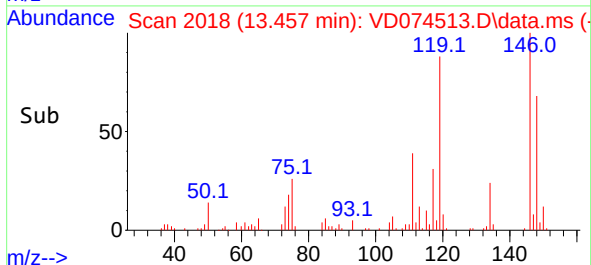
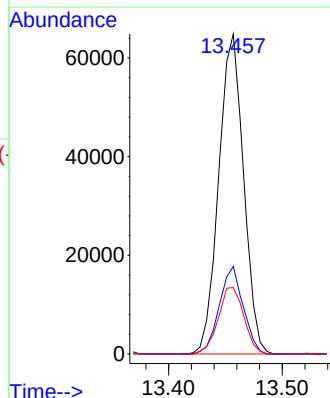
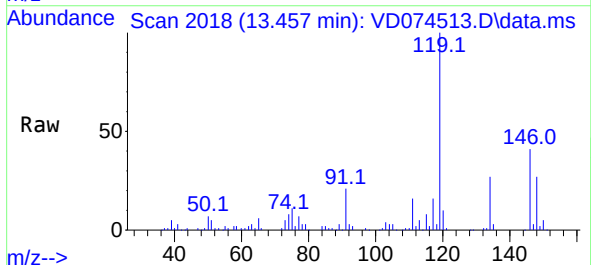
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

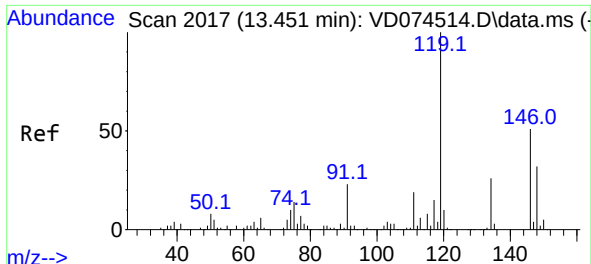
Tgt Ion:105 Resp: 116169
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.225 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074513.D
 Acq: 11 Oct 2022 12:31

Tgt Ion:119 Resp: 98530
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 21.4 10.8 32.4

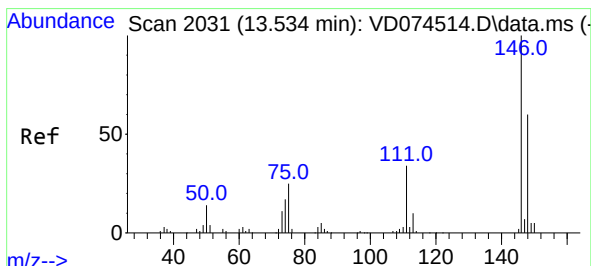
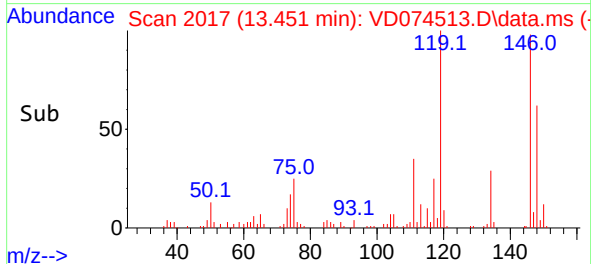
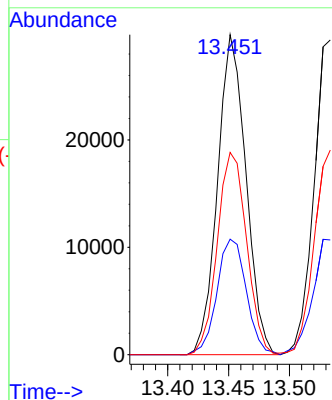
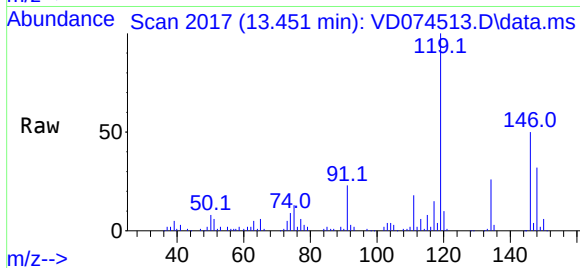




#87
1,3-Dichlorobenzene
Concen: 19.267 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

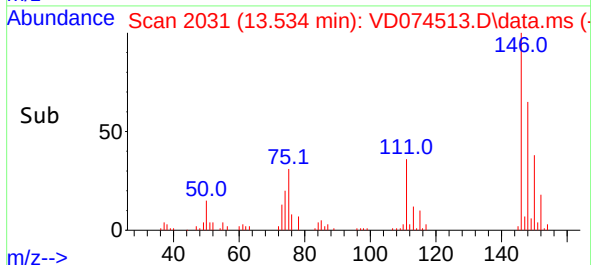
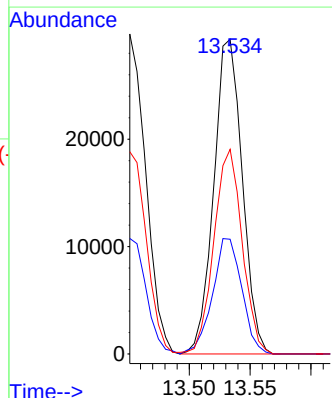
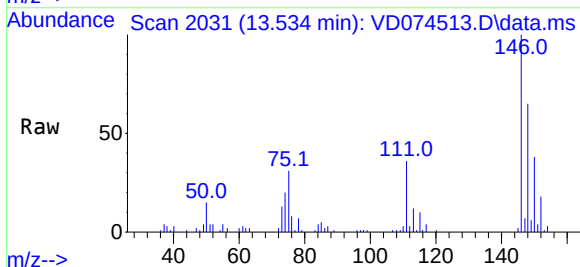
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

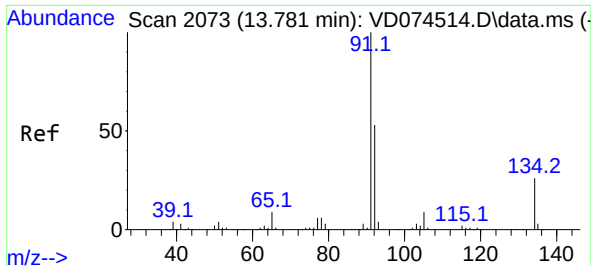
Tgt Ion:146 Resp: 48318
Ion Ratio Lower Upper
146 100
111 37.4 18.3 54.8
148 65.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.202 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:146 Resp: 47788
Ion Ratio Lower Upper
146 100
111 37.7 17.7 53.1
148 64.5 32.3 96.9

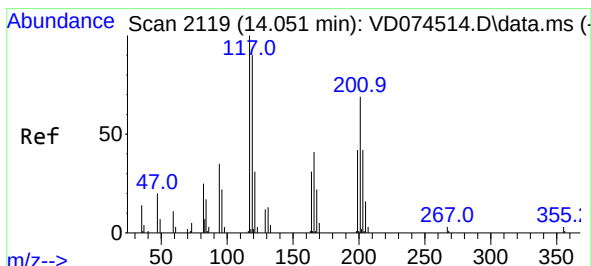
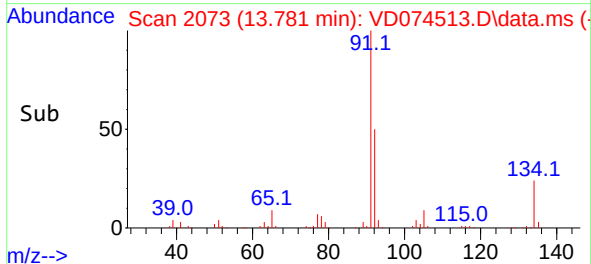
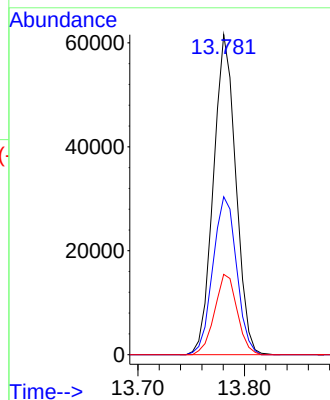
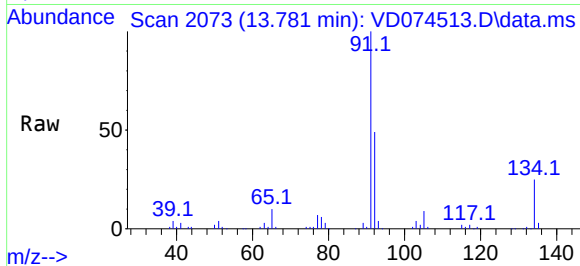




#89
n-Butylbenzene
Concen: 19.769 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

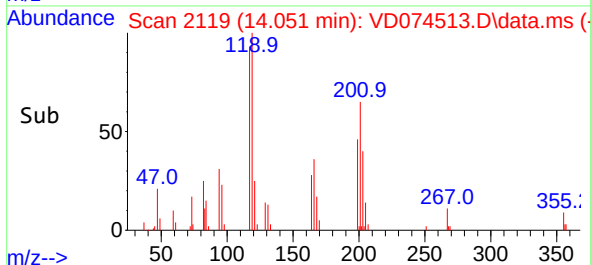
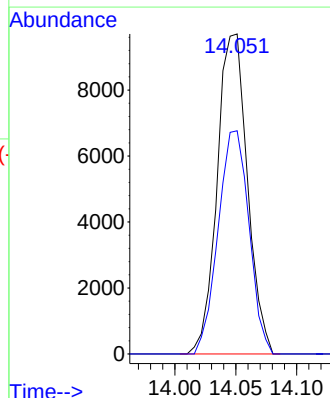
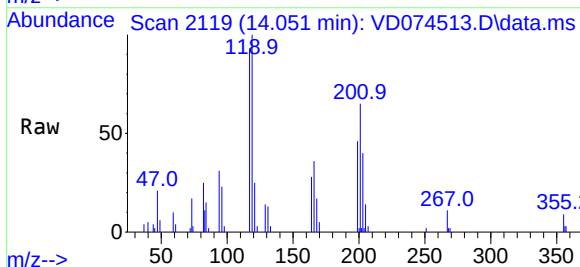
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

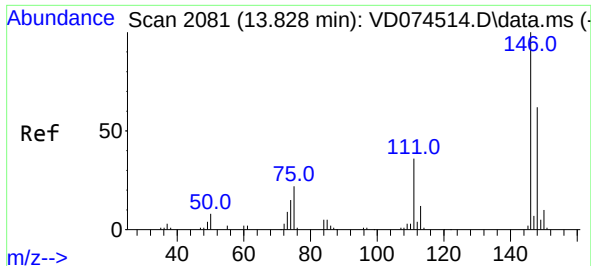
Tgt Ion:	91	Resp:	89963
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.9	80.7
134	25.3	13.4	40.2



#90
Hexachloroethane
Concen: 19.498 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:	117	Resp:	16771
Ion	Ratio	Lower	Upper
117	100		
201	71.1	38.0	114.0





#91

1,2-Dichlorobenzene

Concen: 19.254 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

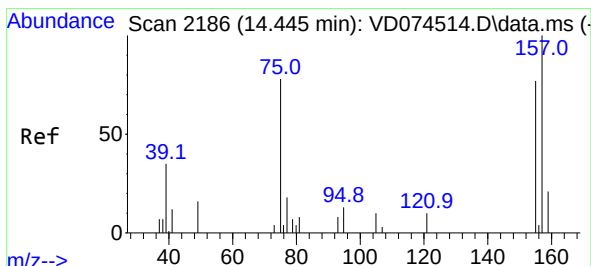
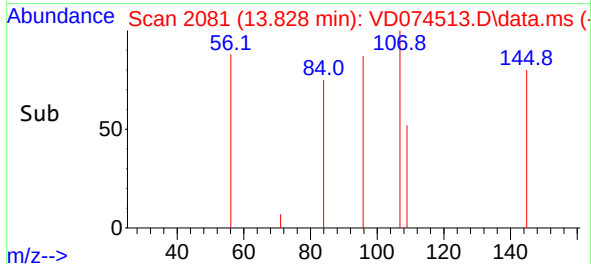
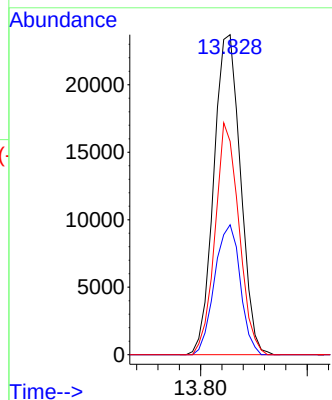
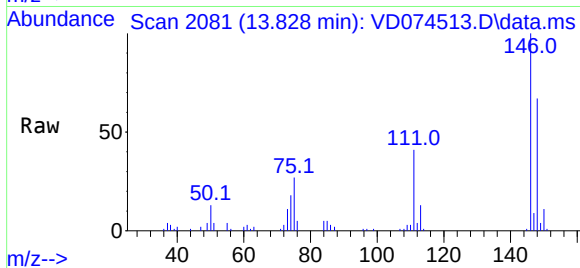
Tgt Ion:146 Resp: 41190

Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.5

148 64.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.239 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD074513.D

Acq: 11 Oct 2022 12:31

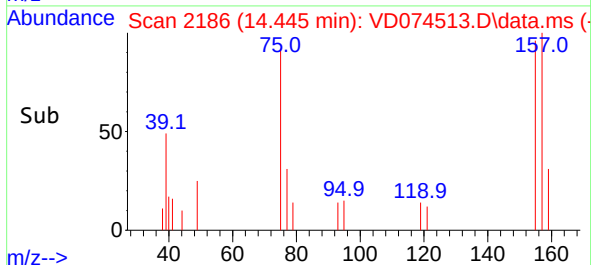
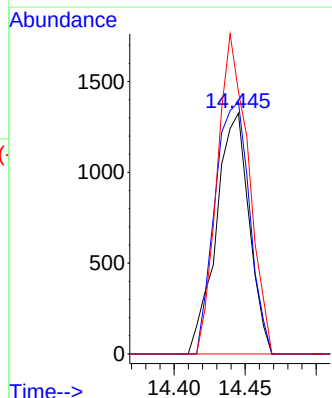
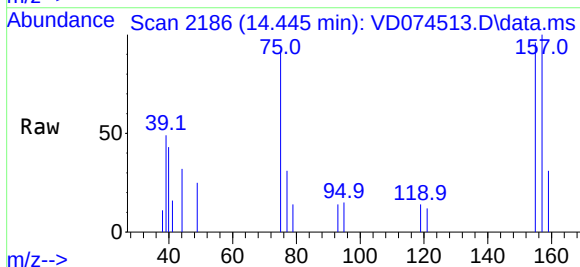
Tgt Ion: 75 Resp: 2134

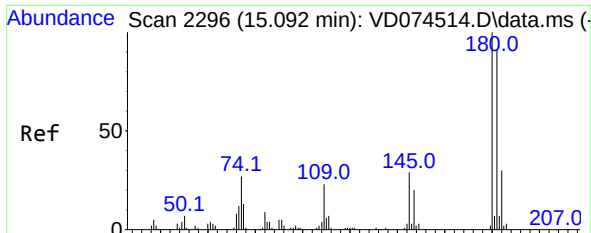
Ion Ratio Lower Upper

75 100

155 109.7 51.2 153.8

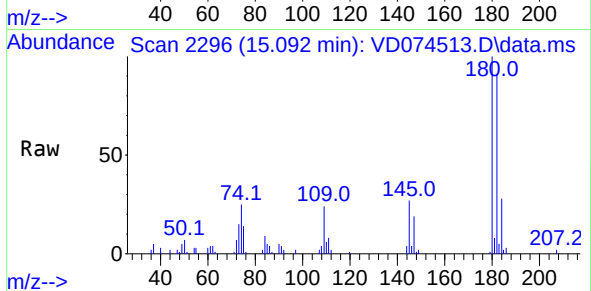
157 125.8 68.2 204.5



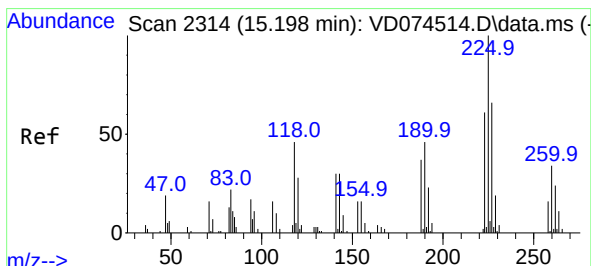
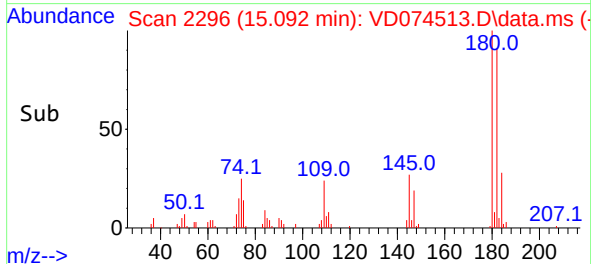
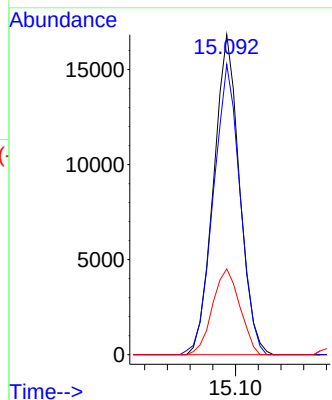


#93
1,2,4-Trichlorobenzene
Concen: 18.878 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

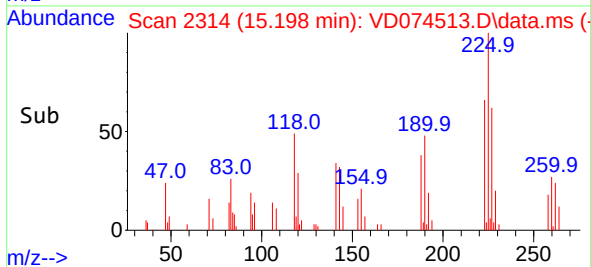
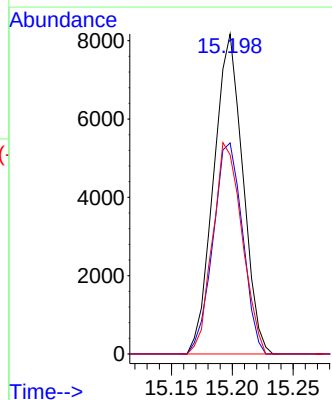
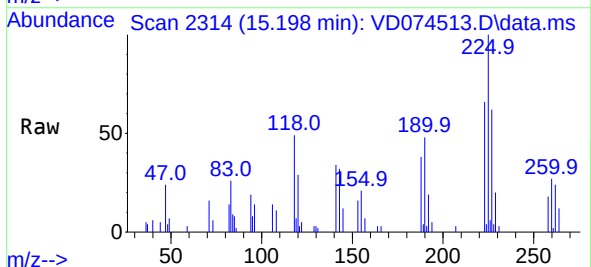


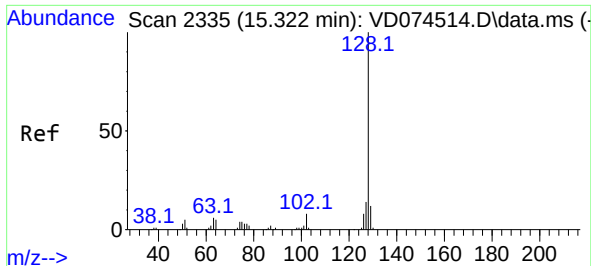
Tgt Ion:180 Resp: 26630
Ion Ratio Lower Upper
180 100
182 93.7 46.9 140.6
145 28.2 14.1 42.3



#94
Hexachlorobutadiene
Concen: 18.562 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:225 Resp: 13614
Ion Ratio Lower Upper
225 100
223 66.5 31.9 95.5
227 66.4 32.6 97.8

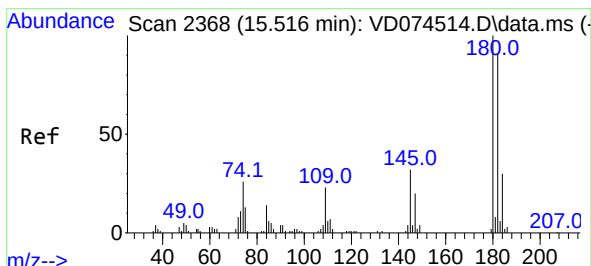
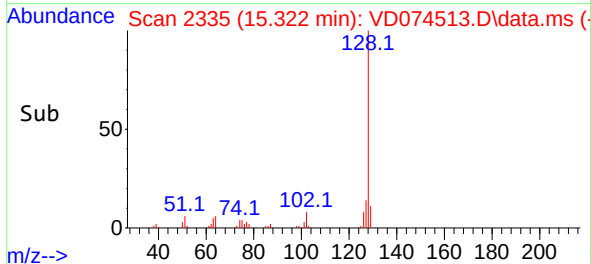
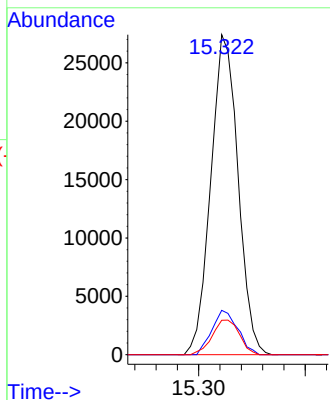
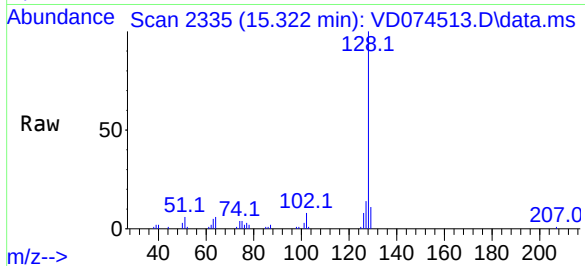




#95
Naphthalene
Concen: 18.258 ug/l
RT: 15.322 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	48640
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.8	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.981 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074513.D
Acq: 11 Oct 2022 12:31

Tgt Ion:	180	Resp:	22856
Ion	Ratio	Lower	Upper
180	100		
182	92.1	46.7	140.1
145	29.7	14.9	44.7

