

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110222\
 Data File : VD074701.D
 Acq On : 02 Nov 2022 13:29
 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: Nov 03 01:43:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 01:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	146458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	240814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24405	21.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.080%#
35) Dibromofluoromethane	7.805	113	27657	19.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.840%#
50) Toluene-d8	10.269	98	111154	21.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	42.780%#
62) 4-Bromofluorobenzene	12.569	95	28204	18.799	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	37.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	24469	20.342	ug/l	95
3) Chloromethane	2.146	50	37576	19.576	ug/l	92
4) Vinyl Chloride	2.281	62	40418	19.201	ug/l	94
5) Bromomethane	2.669	94	30100	18.872	ug/l	99
6) Chloroethane	2.822	64	28822	19.754	ug/l	99
7) Trichlorofluoromethane	3.169	101	48190	19.705	ug/l	95
8) Diethyl Ether	3.593	74	13394	18.748	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	29463	18.966	ug/l	98
10) Methyl Iodide	4.158	142	27424	16.403	ug/l	97
11) Tert butyl alcohol	5.034	59	19633	95.503	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	30237	19.164	ug/l	84
13) Acrolein	3.793	56	9210	115.364	ug/l	100
14) Allyl chloride	4.558	41	32734	19.608	ug/l	96
15) Acrylonitrile	5.252	53	26386	93.465	ug/l	98
16) Acetone	4.022	43	23156	95.660	ug/l	90
17) Carbon Disulfide	4.269	76	89191	18.746	ug/l	99
18) Methyl Acetate	4.564	43	14533	19.854	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	56063	18.683	ug/l	100
20) Methylene Chloride	4.799	84	53950	17.353	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	31848	18.365	ug/l	90
22) Diisopropyl ether	6.216	45	66949	19.430	ug/l	96
23) Vinyl Acetate	6.158	43	127782	87.266	ug/l	94
24) 1,1-Dichloroethane	6.110	63	51082	19.383	ug/l	98
25) 2-Butanone	7.081	43	31560	94.823	ug/l	98
26) 2,2-Dichloropropane	7.075	77	45478	18.754	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	36376	19.016	ug/l	99
28) Bromochloromethane	7.428	49	16465	19.797	ug/l	92
29) Tetrahydrofuran	7.440	42	18918	99.109	ug/l	95
30) Chloroform	7.593	83	54124	19.224	ug/l	99
31) Cyclohexane	7.875	56	44238	18.837	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	48776	19.611	ug/l	99
36) 1,1-Dichloropropene	8.005	75	41252	19.078	ug/l	99
37) Ethyl Acetate	7.169	43	13508	18.727	ug/l	99
38) Carbon Tetrachloride	7.987	117	39486	19.275	ug/l	93
39) Methylcyclohexane	9.275	83	50460	19.181	ug/l	92
40) Benzene	8.252	78	126437	19.784	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7553	21.269	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	27969	19.036	ug/l	100
43) Isopropyl Acetate	8.357	43	25849	19.260	ug/l	97
44) Trichloroethene	9.028	130	34903	19.169	ug/l	99
45) 1,2-Dichloropropane	9.304	63	27682	19.584	ug/l	94
46) Dibromomethane	9.393	93	16205	19.784	ug/l	95
47) Bromodichloromethane	9.587	83	39413	19.986	ug/l	99
48) Methyl methacrylate	9.381	41	11675	19.521	ug/l	96
49) 1,4-Dioxane	9.387	88	3262	394.889	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	65215	100.200	ug/l	96
52) Toluene	10.334	92	78879	20.158	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	34144	19.576	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	43198	19.738	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	22571	20.283	ug/l	97
56) Ethyl methacrylate	10.598	69	24030	19.314	ug/l	96
57) 1,3-Dichloropropane	10.881	76	36079	20.125	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	24873	76.341	ug/l	97
59) 2-Hexanone	10.922	43	45618	101.891	ug/l	98
60) Dibromochloromethane	11.075	129	27395	20.622	ug/l	97
61) 1,2-Dibromoethane	11.175	107	21004	20.029	ug/l	98
64) Tetrachloroethene	10.810	164	29860	19.938	ug/l	96
65) Chlorobenzene	11.604	112	75563	17.998	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	24446	17.162	ug/l	94
67) Ethyl Benzene	11.681	91	131129	17.625	ug/l	99
68) m/p-Xylenes	11.793	106	104722	35.454	ug/l	99
69) o-Xylene	12.122	106	48268	17.775	ug/l	97
70) Styrene	12.134	104	83181	18.081	ug/l	98
71) Bromoform	12.298	173	13610	17.841	ug/l #	99
73) Isopropylbenzene	12.422	105	128955	19.461	ug/l	99
74) N-amyl acetate	12.228	43	20920	19.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	21898	19.667	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	25372	35.727	ug/l #	1
77) Bromobenzene	12.698	156	29338	19.229	ug/l	95
78) n-propylbenzene	12.763	91	155755	19.622	ug/l	99
79) 2-Chlorotoluene	12.845	91	83100	19.442	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	105585	19.531	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	5391	18.201	ug/l	95
82) 4-Chlorotoluene	12.945	91	88194	19.838	ug/l	99
83) tert-Butylbenzene	13.163	119	94181	19.769	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	104389	19.569	ug/l	98
85) sec-Butylbenzene	13.345	105	141619	19.703	ug/l	100
86) p-Isopropyltoluene	13.457	119	115712	19.115	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	60367	19.082	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	59226	19.044	ug/l	97
89) n-Butylbenzene	13.787	91	105544	19.064	ug/l	100
90) Hexachloroethane	14.051	117	19561	18.848	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	51431	19.087	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3358	21.818	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	31021	18.645	ug/l	98
94) Hexachlorobutadiene	15.204	225	15705	18.045	ug/l	99
95) Naphthalene	15.328	128	59593	18.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	27614	18.862	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Nov 03 01:37:46 2022
Response via : Initial Calibration

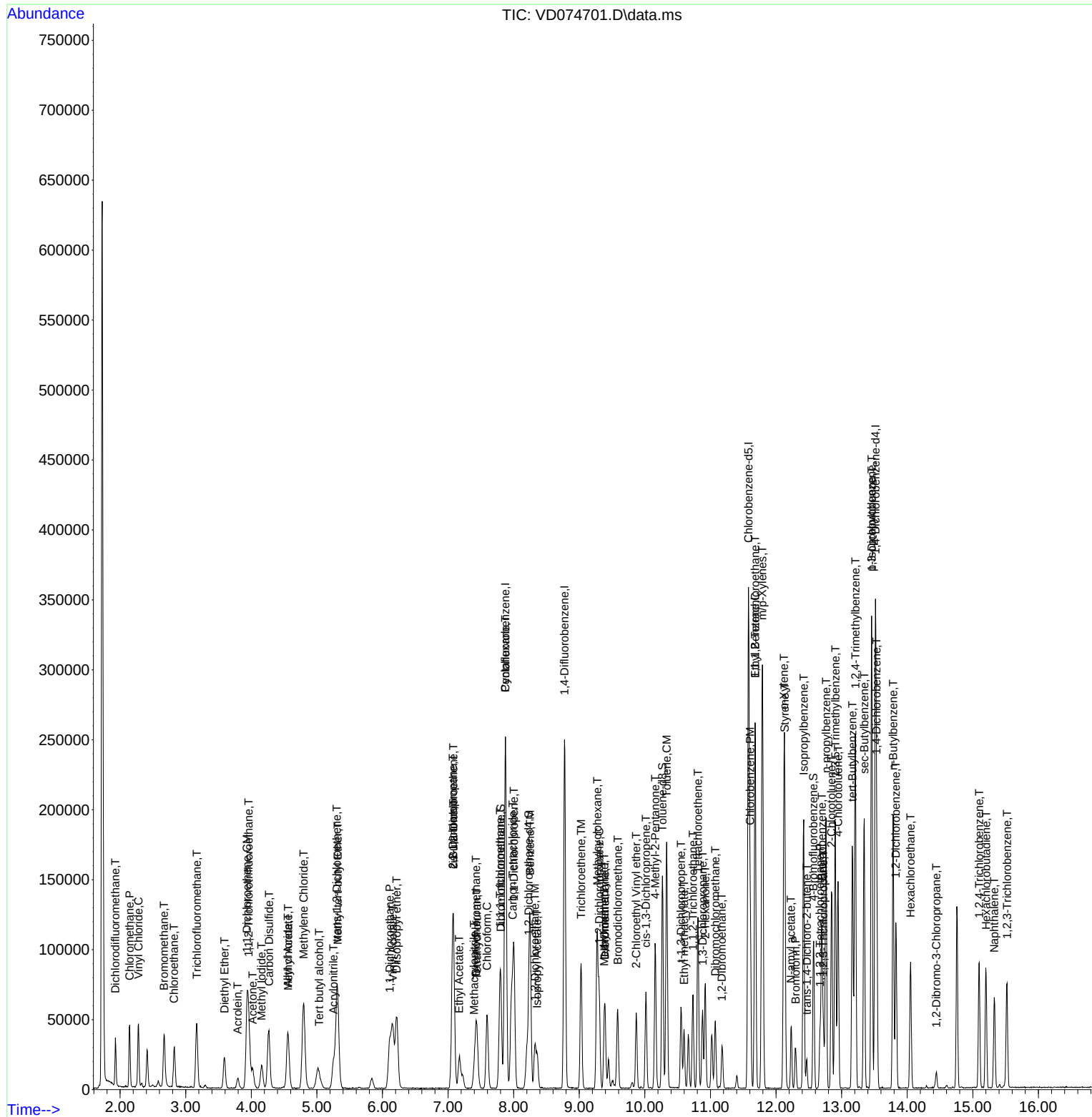
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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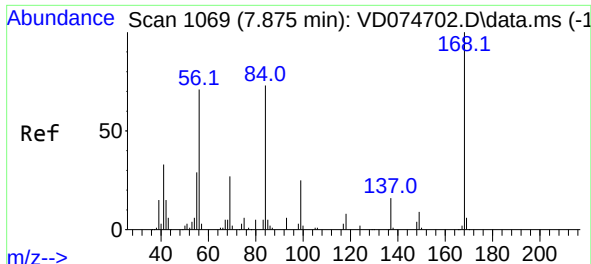
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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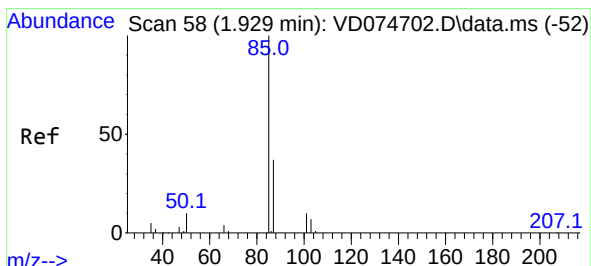
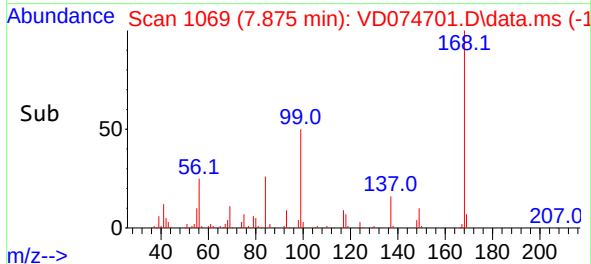
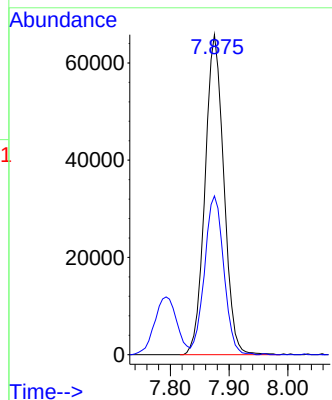
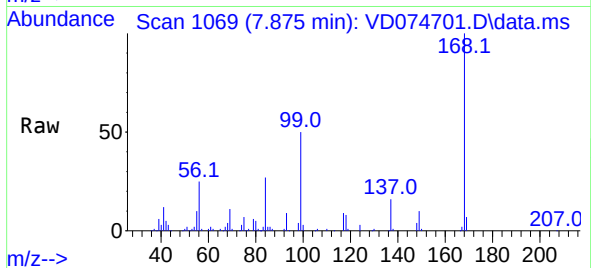




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

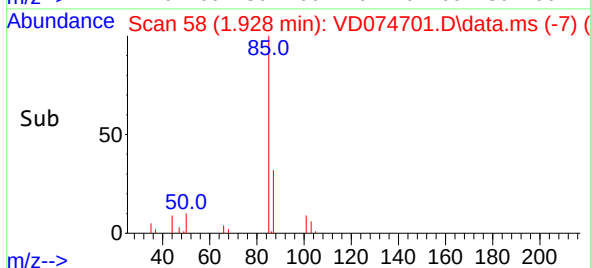
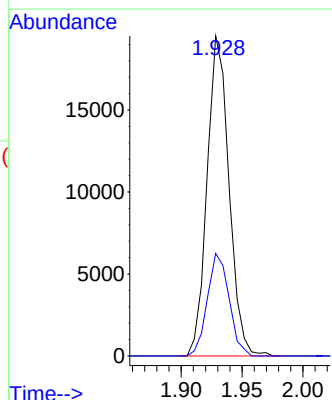
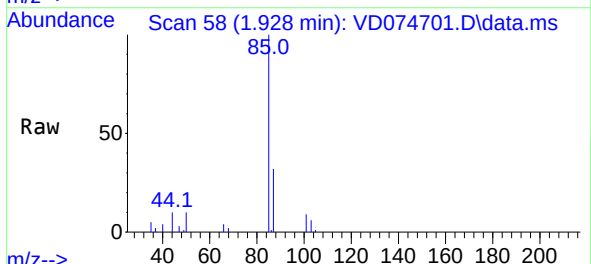
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 146458
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3

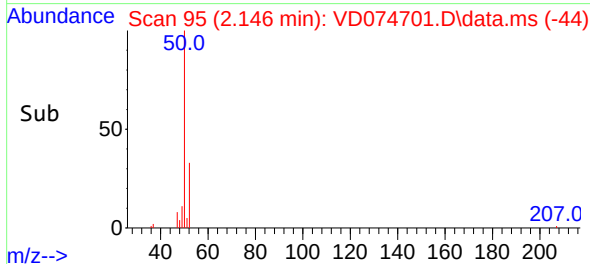
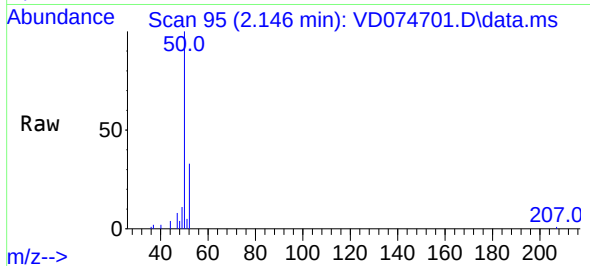
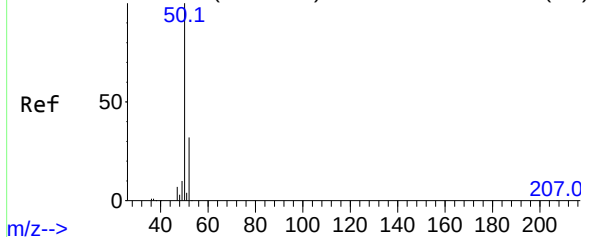


#2
Dichlorodifluoromethane
Concen: 20.342 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 85 Resp: 24469
Ion Ratio Lower Upper
85 100
87 32.0 17.5 52.6



Abundance Scan 95 (2.146 min): VD074702.D\data.ms (-89)



#3

Chloromethane

Concen: 19.576 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

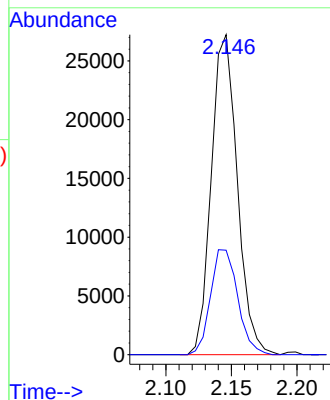
VSTDICC020

Tgt Ion: 50 Resp: 37576

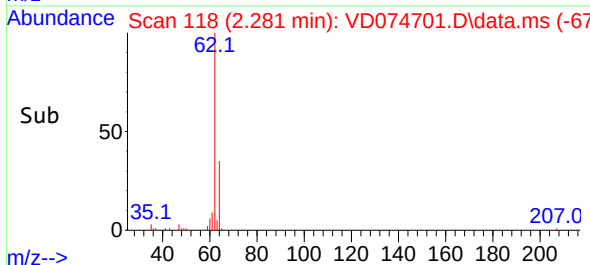
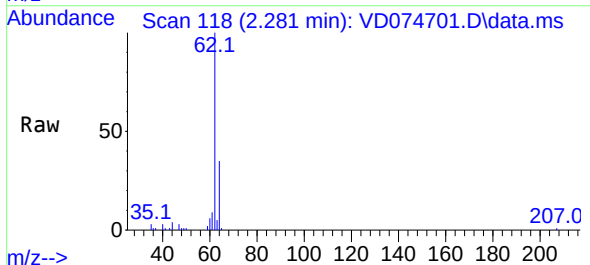
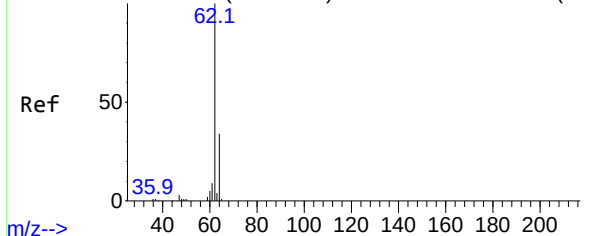
Ion Ratio Lower Upper

50 100

52 32.7 30.0 45.0



Abundance Scan 118 (2.281 min): VD074702.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 19.201 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD074701.D

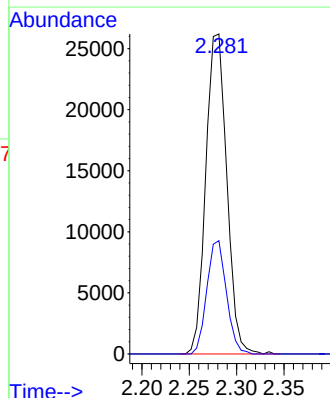
Acq: 02 Nov 2022 13:29

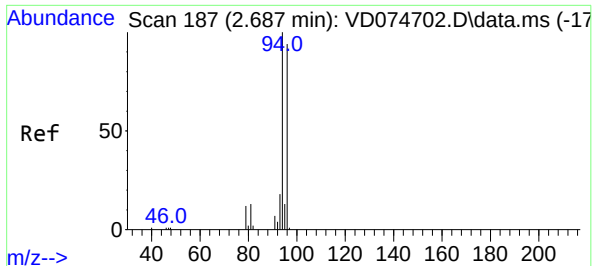
Tgt Ion: 62 Resp: 40418

Ion Ratio Lower Upper

62 100

64 35.4 25.5 38.3

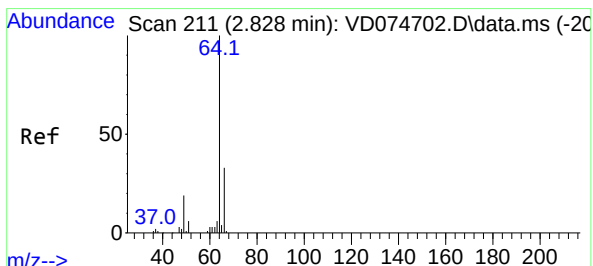
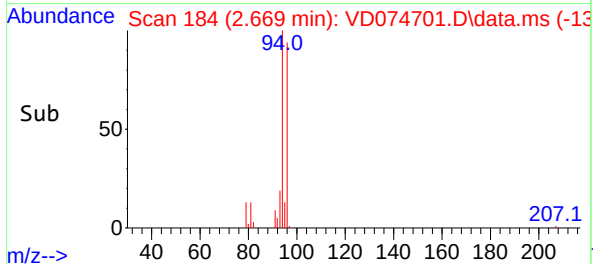
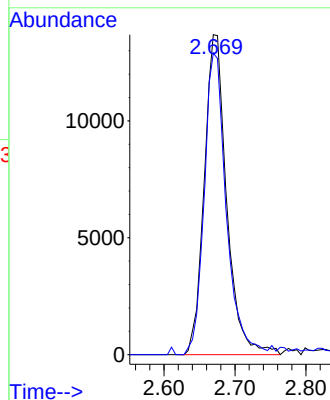
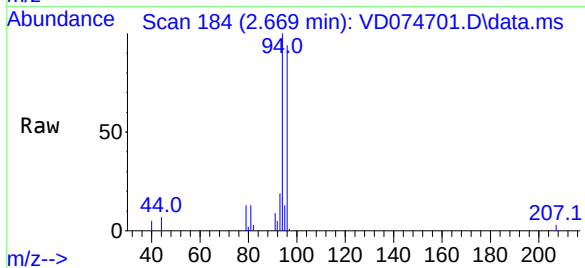




#5
Bromomethane
Concen: 18.872 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074701.D
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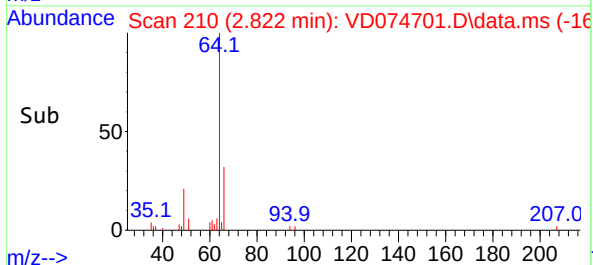
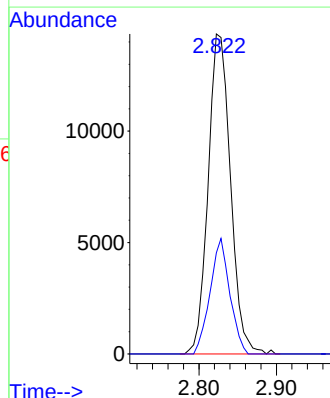
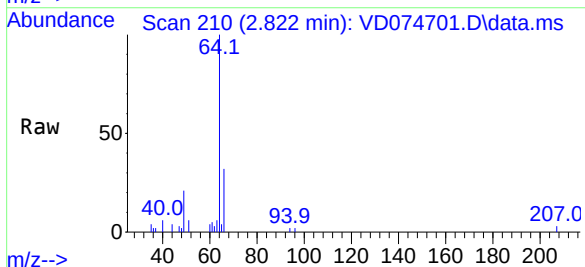
Instrument :
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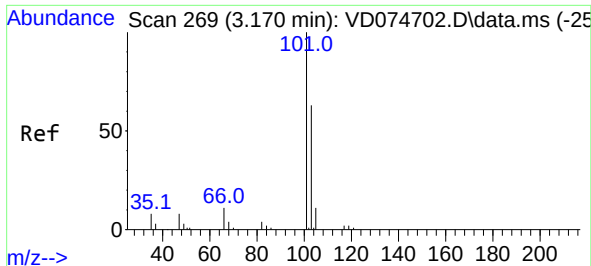
Tgt Ion: 94 Resp: 30100
Ion Ratio Lower Upper
94 100
96 94.2 74.6 112.0



#6
Chloroethane
Concen: 19.754 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 64 Resp: 28822
Ion Ratio Lower Upper
64 100
66 31.6 25.8 38.8

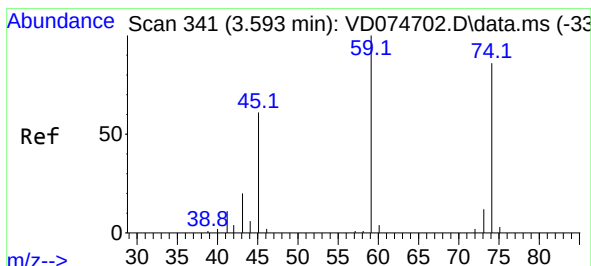
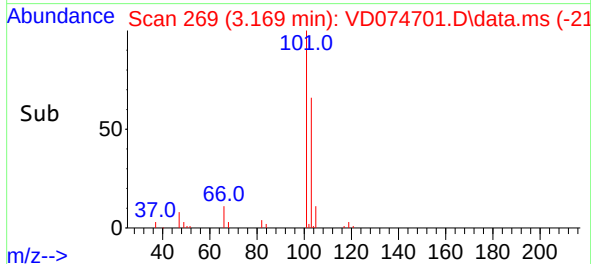
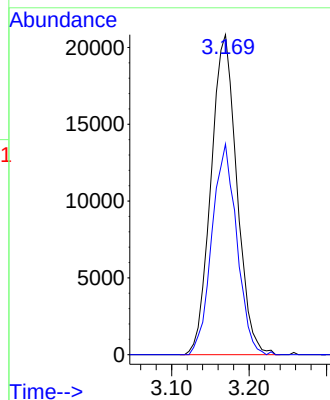
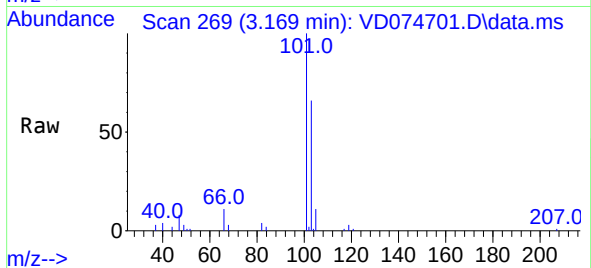




#7
Trichlorofluoromethane
Concen: 19.705 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

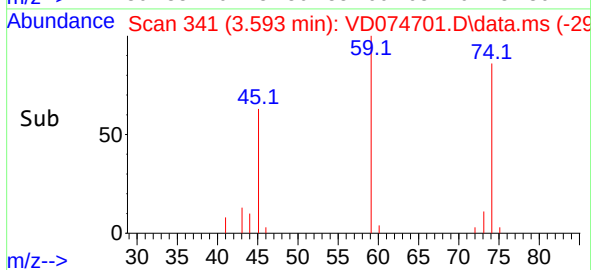
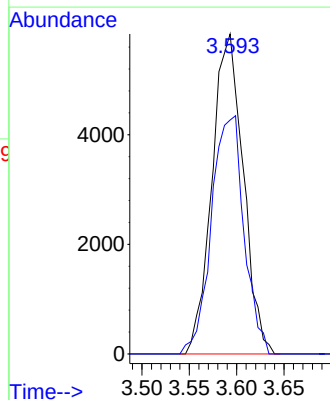
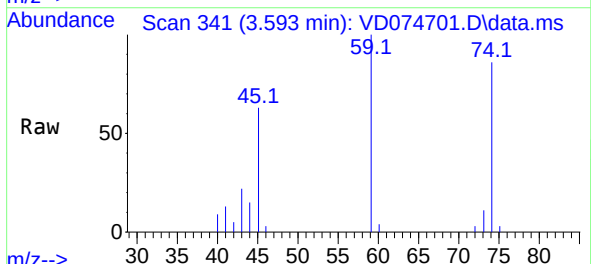
Instrument :
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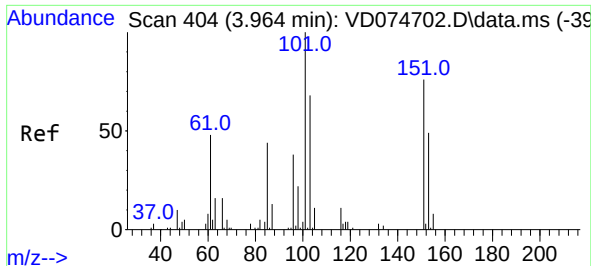
Tgt Ion:101 Resp: 48190
Ion Ratio Lower Upper
101 100
103 65.8 49.8 74.8



#8
Diethyl Ether
Concen: 18.748 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 74 Resp: 13394
Ion Ratio Lower Upper
74 100
45 77.5 37.9 113.6

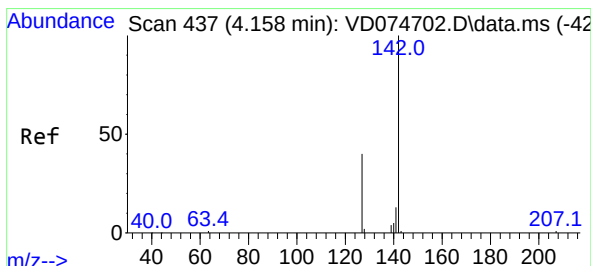
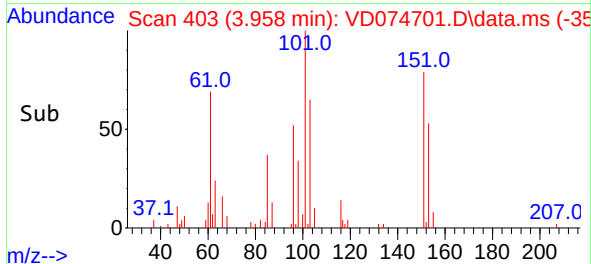
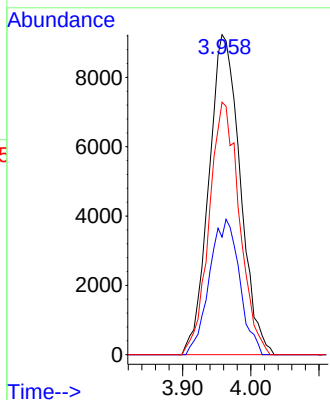
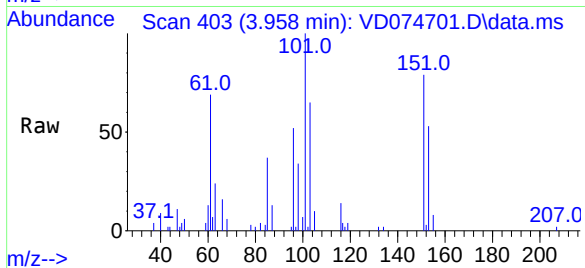




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.966 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

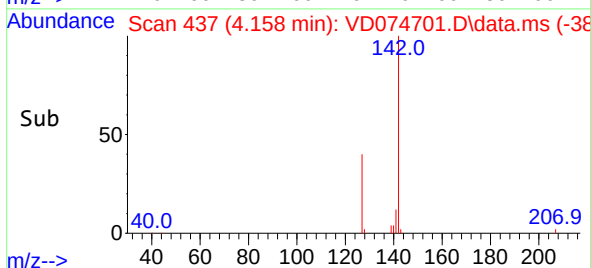
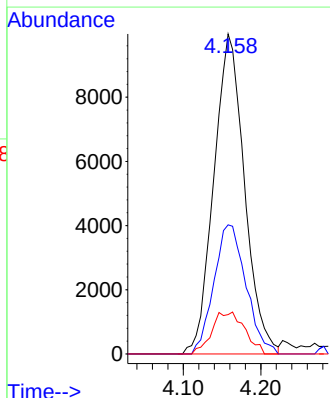
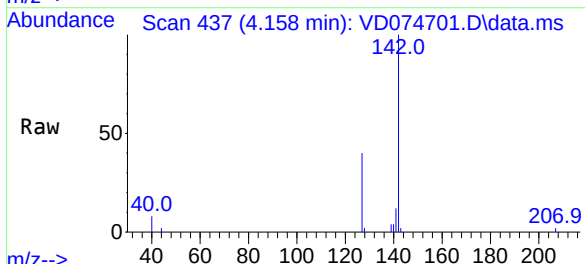
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

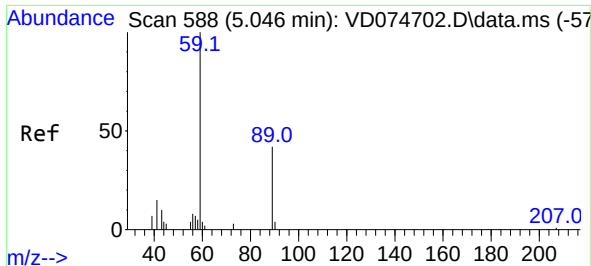
Tgt Ion:101	Resp:	29463
Ion	Ratio	Lower Upper
101	100	
85	40.7	34.1 51.1
151	76.2	61.7 92.5



#10
Methyl Iodide
Concen: 16.403 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:142	Resp:	27424
Ion	Ratio	Lower Upper
142	100	
127	42.2	31.9 47.9
141	14.0	11.4 17.2





#11

Tert butyl alcohol

Concen: 95.503 ug/l

RT: 5.034 min Scan# 588

Delta R.T. -0.012 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

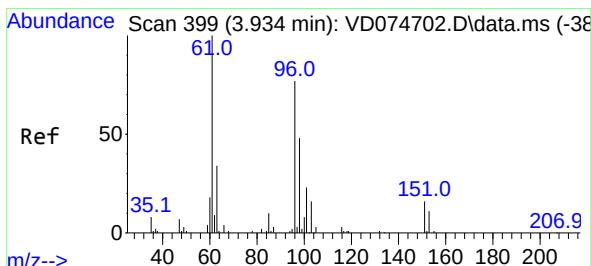
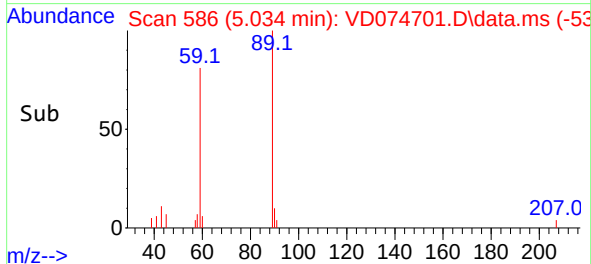
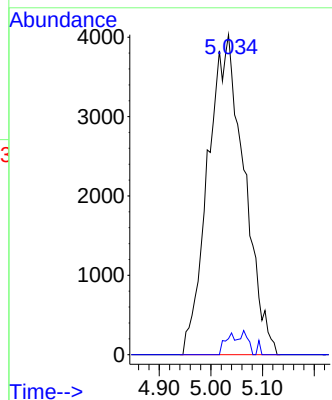
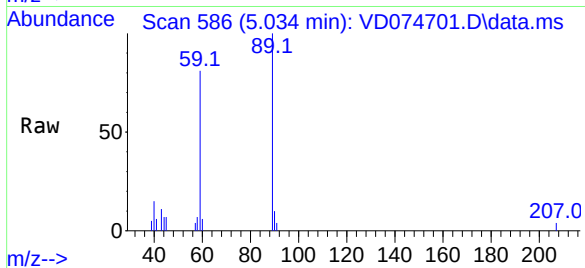
VSTDICC020

Tgt Ion: 59 Resp: 19633

Ion Ratio Lower Upper

59 100

57 1.8 4.4 6.6#



#12

1,1-Dichloroethene

Concen: 19.164 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

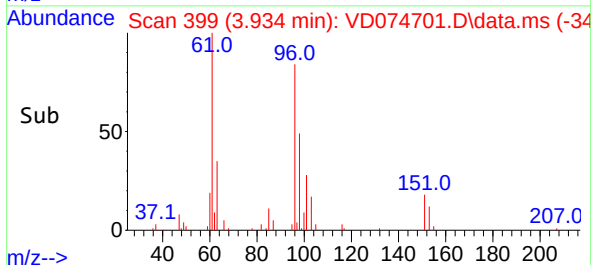
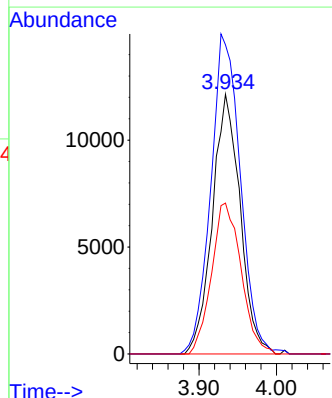
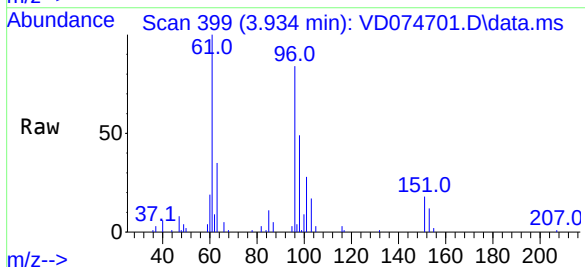
Tgt Ion: 96 Resp: 30237

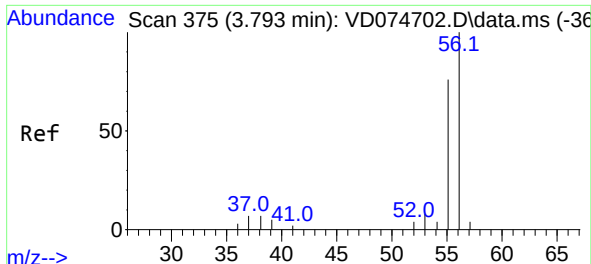
Ion Ratio Lower Upper

96 100

61 119.0 113.9 170.9

98 58.1 51.8 77.8

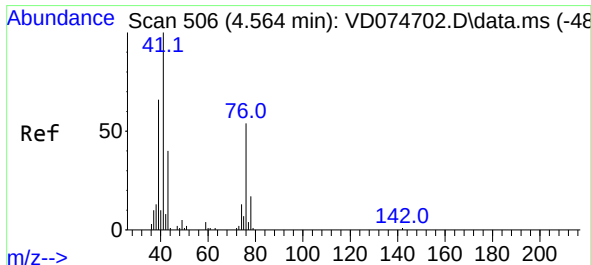
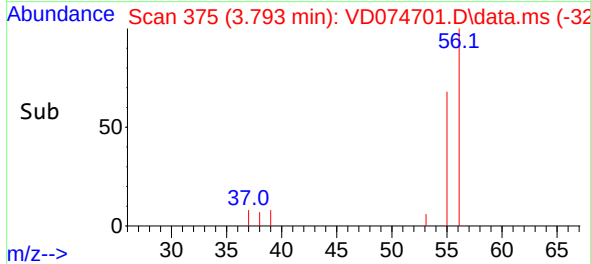
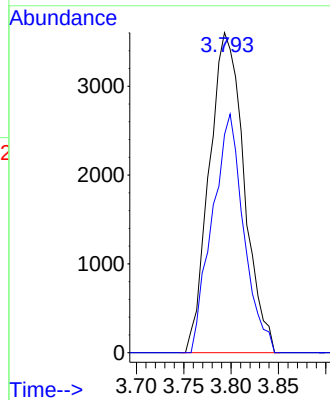
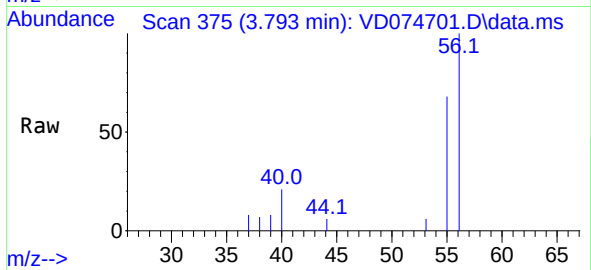




#13
Acrolein
Concen: 115.364 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

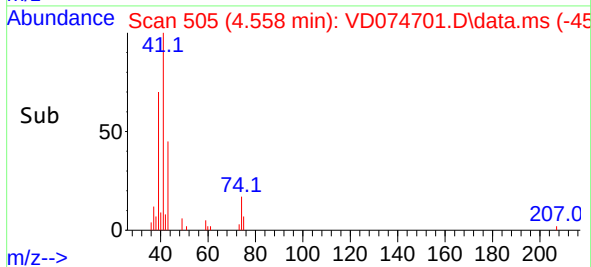
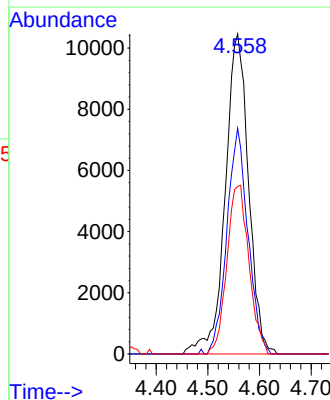
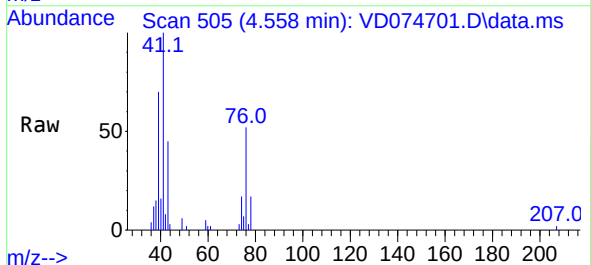
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

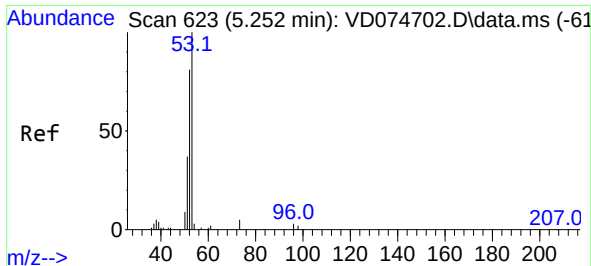
Tgt Ion: 56 Resp: 9210
Ion Ratio Lower Upper
56 100
55 67.5 54.0 81.0



#14
Allyl chloride
Concen: 19.608 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 41 Resp: 32734
Ion Ratio Lower Upper
41 100
39 63.7 53.4 80.2
76 49.9 42.4 63.6

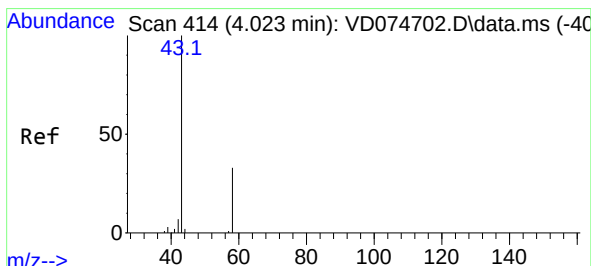
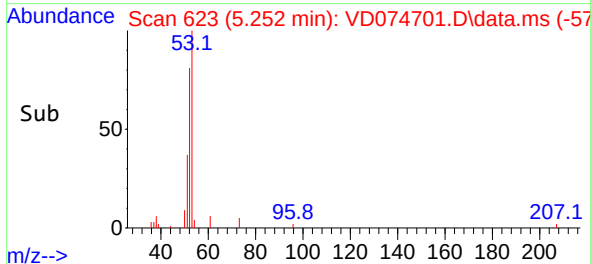
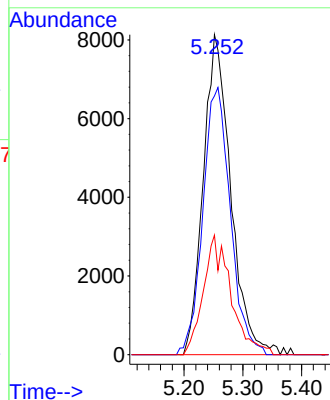
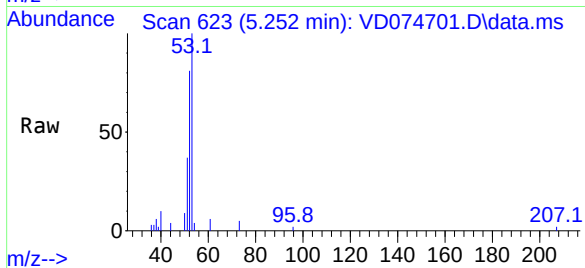




#15
Acrylonitrile
Concen: 93.465 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

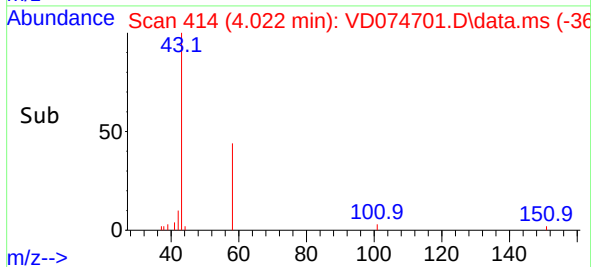
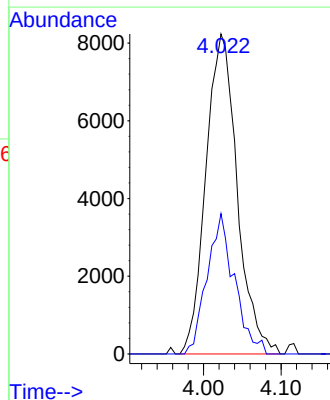
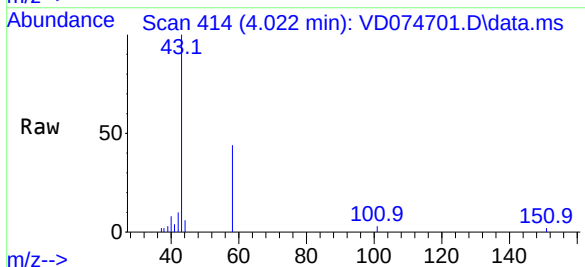
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

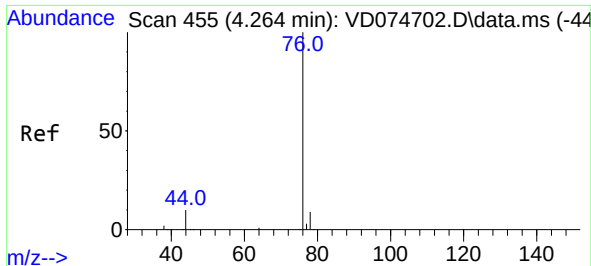
Tgt Ion: 53	Resp: 26386
Ion Ratio	Lower Upper
53 100	
52 83.8	66.0 99.0
51 37.8	28.3 42.5



#16
Acetone
Concen: 95.660 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 43	Resp: 23156
Ion Ratio	Lower Upper
43 100	
58 43.8	30.2 45.2

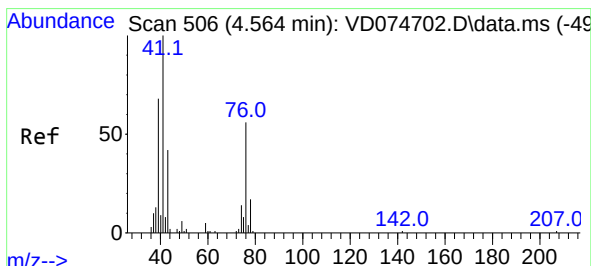
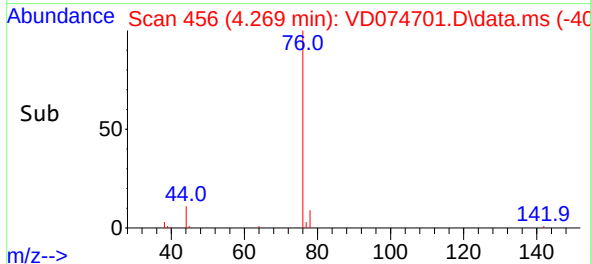
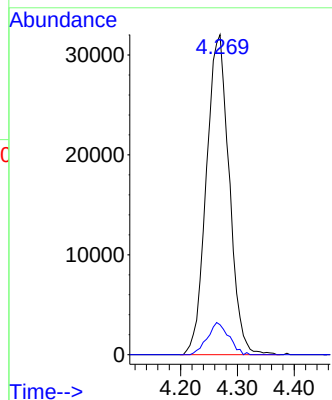
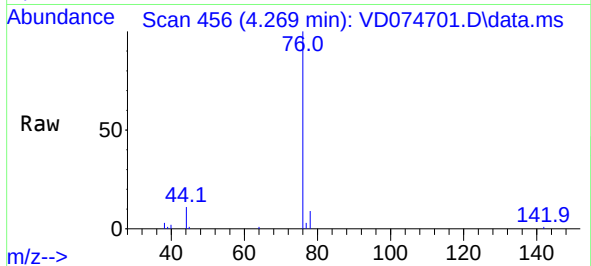




#17
Carbon Disulfide
Concen: 18.746 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

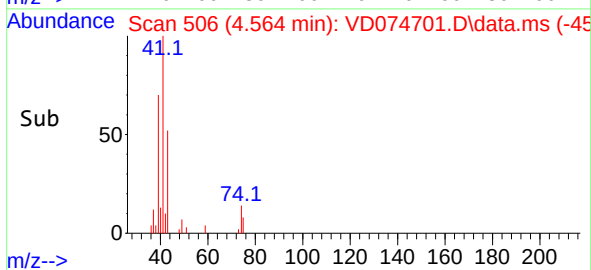
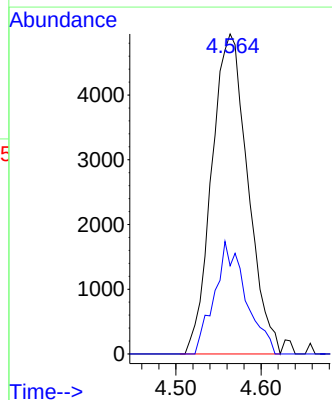
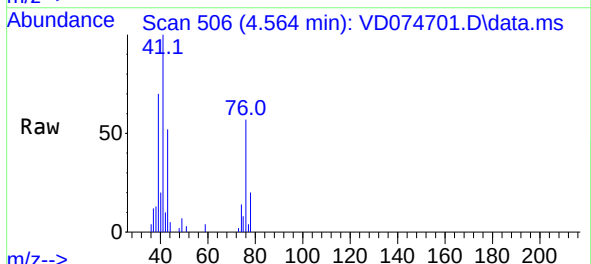
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

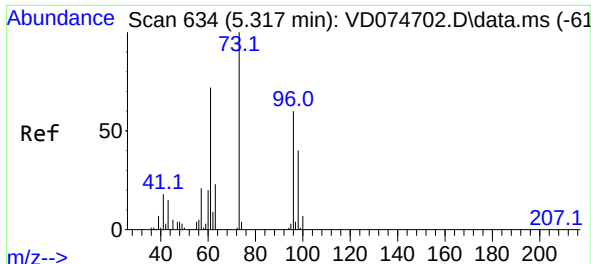
Tgt Ion: 76 Resp: 89191
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 19.854 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 43 Resp: 14533
Ion Ratio Lower Upper
43 100
74 30.6 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 18.683 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

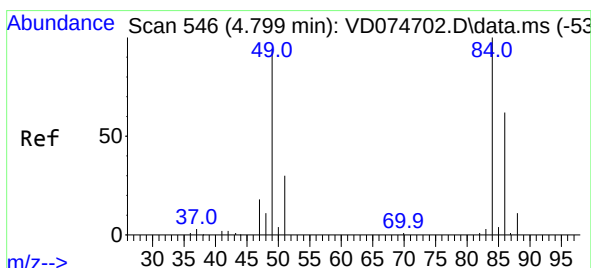
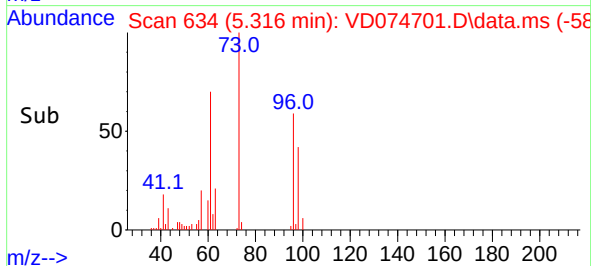
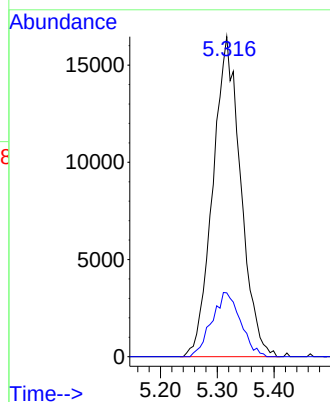
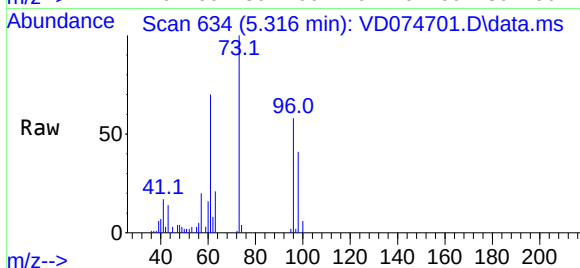
VSTDIC020

Tgt Ion: 73 Resp: 56063

Ion Ratio Lower Upper

73 100

57 20.0 16.1 24.1



#20

Methylene Chloride

Concen: 17.353 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Tgt Ion: 84 Resp: 53950

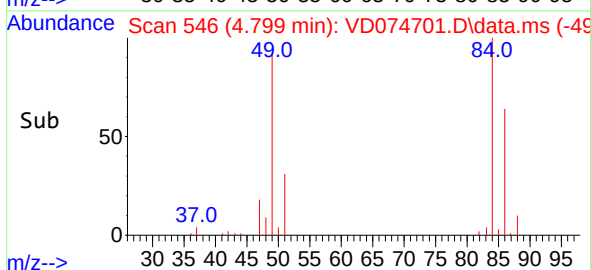
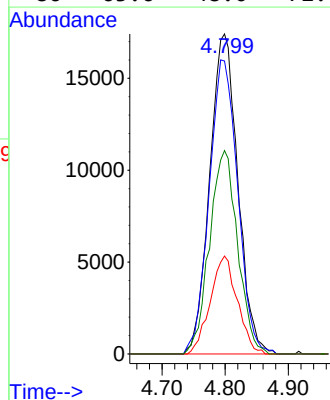
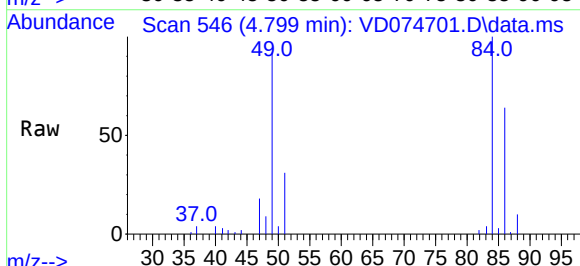
Ion Ratio Lower Upper

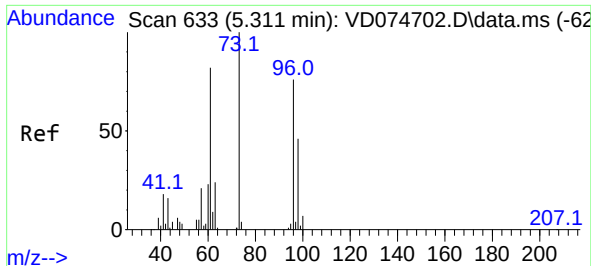
84 100

49 91.6 68.0 102.0

51 30.6 23.2 34.8

86 63.6 48.0 72.0

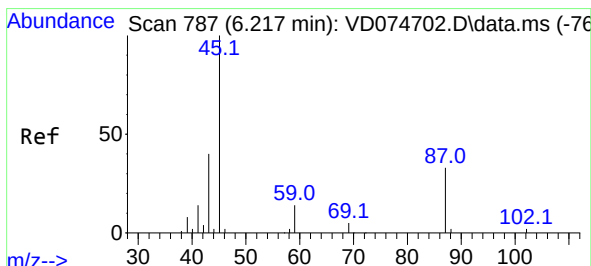
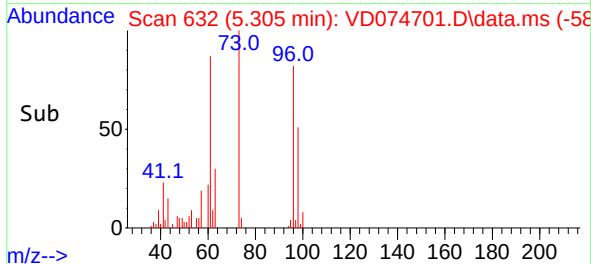
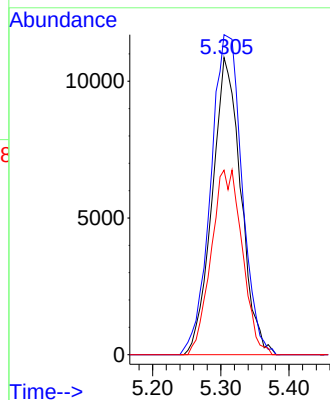
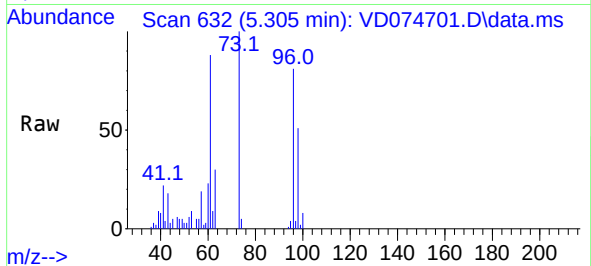




#21
trans-1,2-Dichloroethene
Concen: 18.365 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

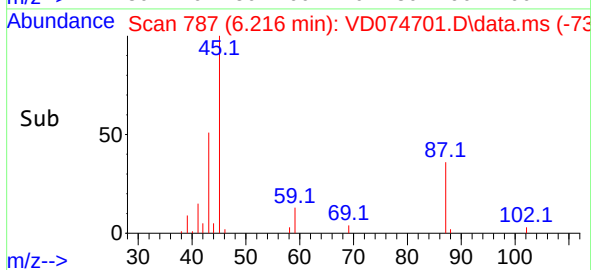
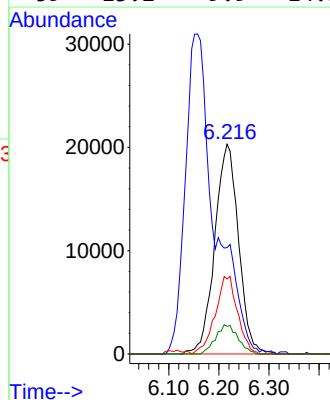
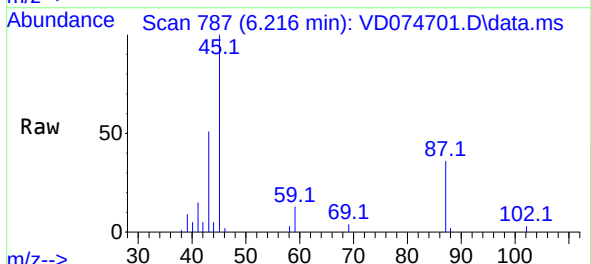
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

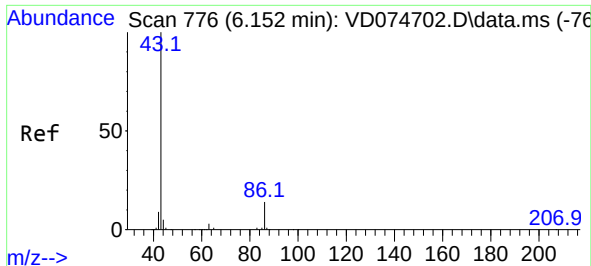
Tgt Ion: 96 Resp: 31848
Ion Ratio Lower Upper
96 100
61 107.7 95.7 143.5
98 62.1 54.8 82.2



#22
Diisopropyl ether
Concen: 19.430 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 45 Resp: 66949
Ion Ratio Lower Upper
45 100
43 49.8 37.8 56.6
87 35.8 26.6 40.0
59 13.2 9.9 14.9

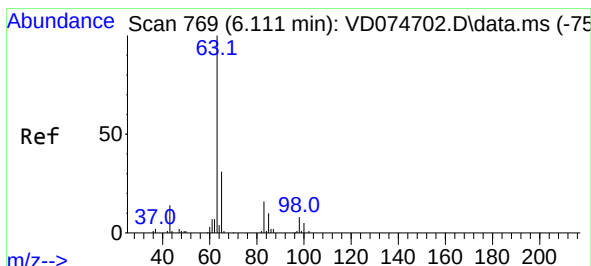
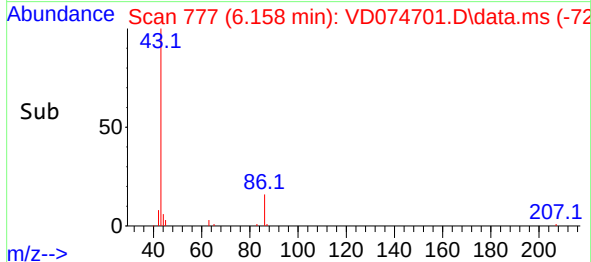
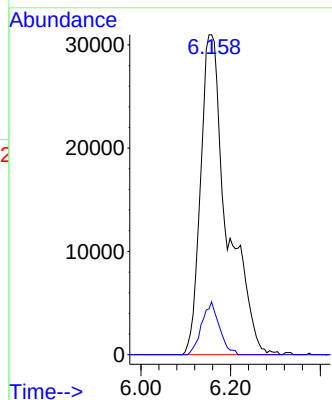
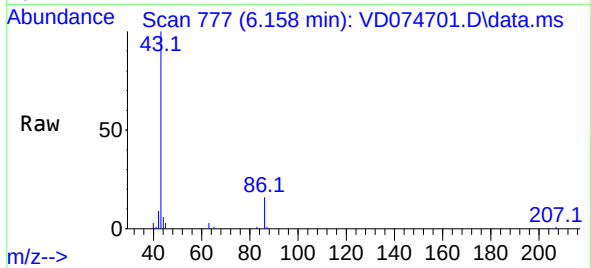




#23
 Vinyl Acetate
 Concen: 87.266 ug/l
 RT: 6.158 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

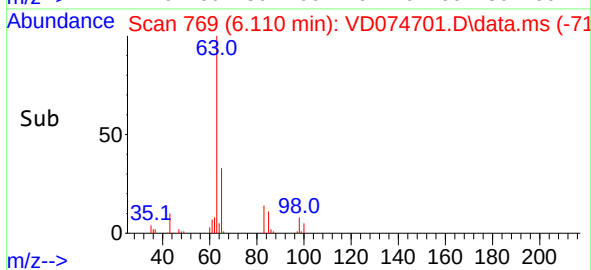
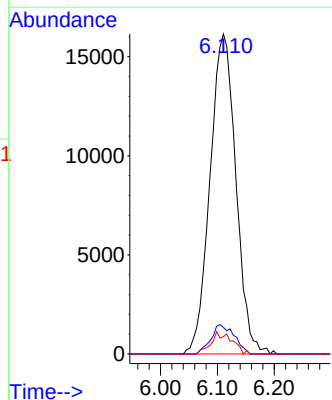
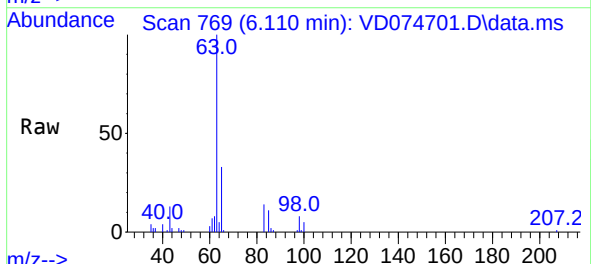
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

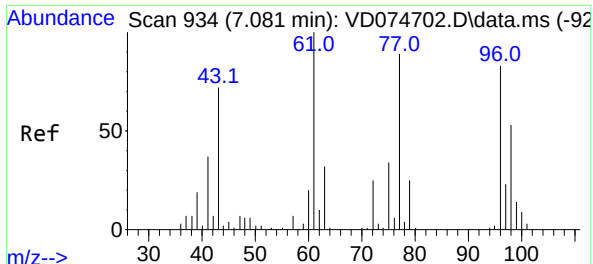
Tgt Ion: 43 Resp: 127782
 Ion Ratio Lower Upper
 43 100
 86 16.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.383 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

Tgt Ion: 63 Resp: 51082
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.6 13.8
 100 5.4 2.9 8.6





#25

2-Butanone

Concen: 94.823 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

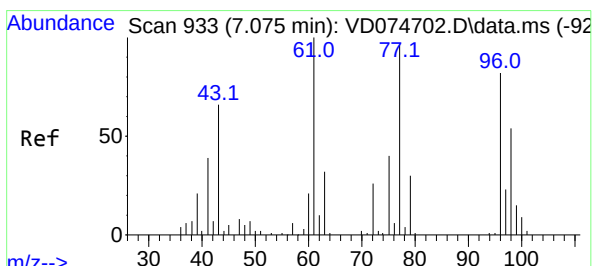
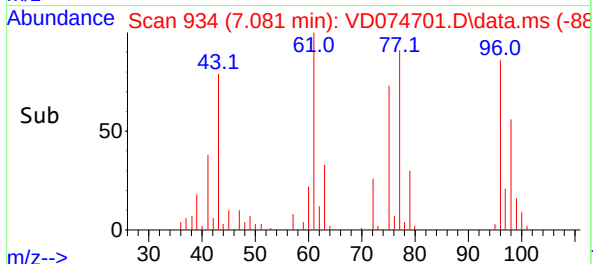
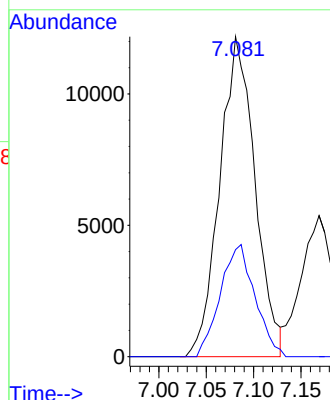
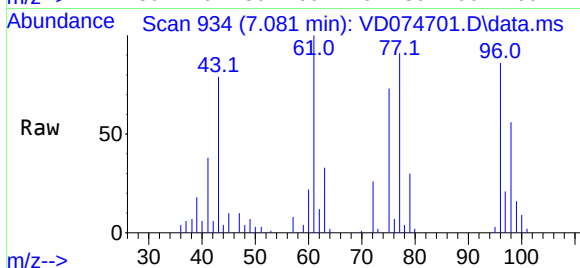
VSTDIC020

Tgt Ion: 43 Resp: 31560

Ion Ratio Lower Upper

43 100

72 33.5 25.8 38.8



#26

2,2-Dichloropropane

Concen: 18.754 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD074701.D

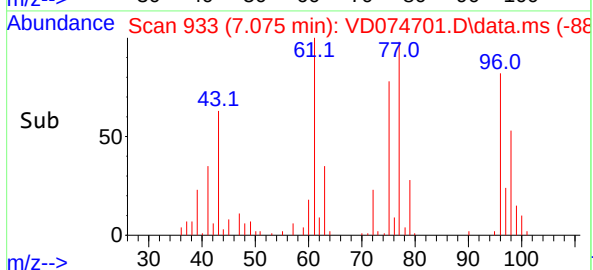
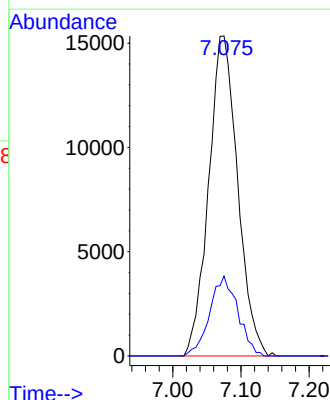
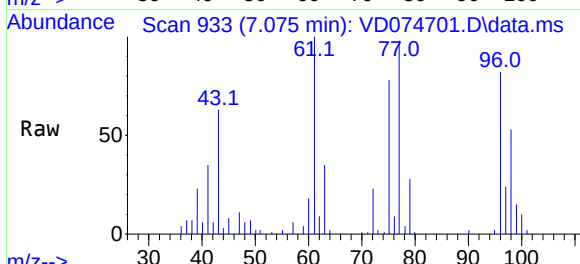
Acq: 02 Nov 2022 13:29

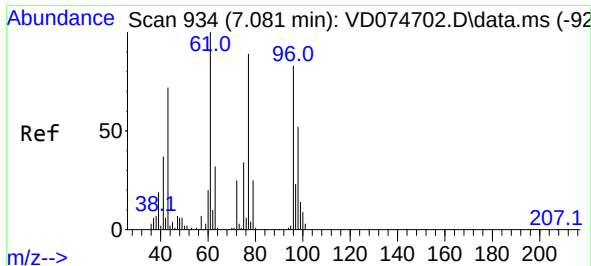
Tgt Ion: 77 Resp: 45478

Ion Ratio Lower Upper

77 100

97 24.2 12.5 37.5

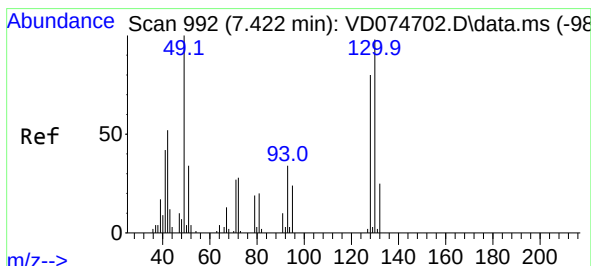
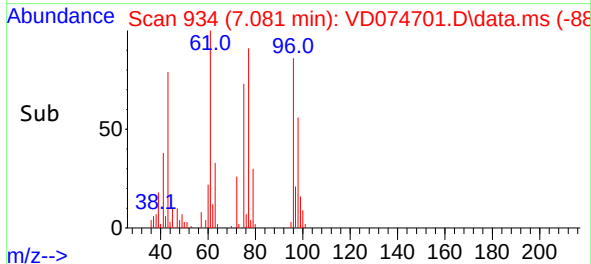
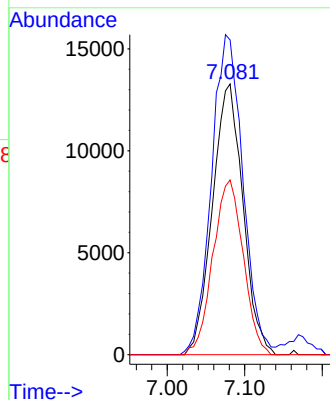
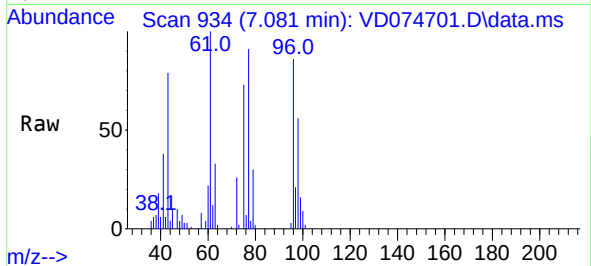




#27
cis-1,2-Dichloroethene
Concen: 19.016 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

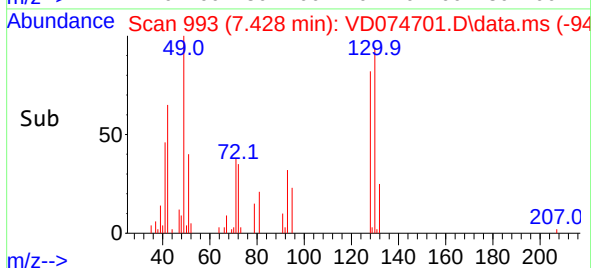
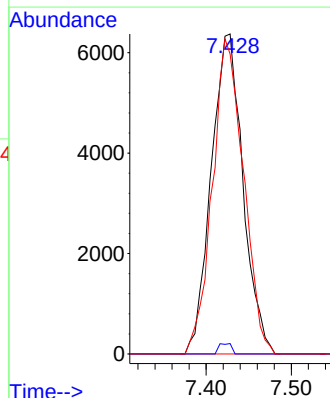
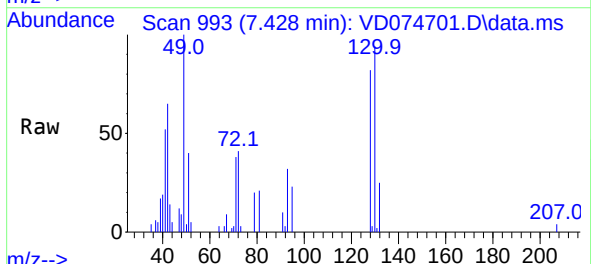
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

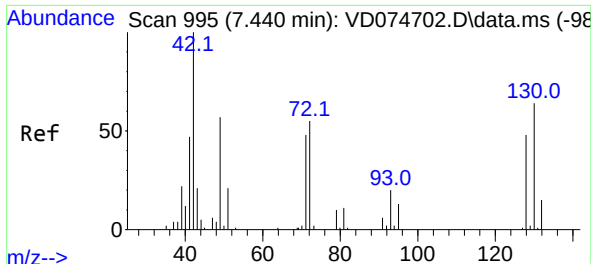
Tgt Ion: 96 Resp: 36376
Ion Ratio Lower Upper
96 100
61 121.8 0.0 242.4
98 64.1 0.0 130.0



#28
Bromochloromethane
Concen: 19.797 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 49 Resp: 16465
Ion Ratio Lower Upper
49 100
129 1.3 0.0 5.0
130 96.5 84.1 126.1

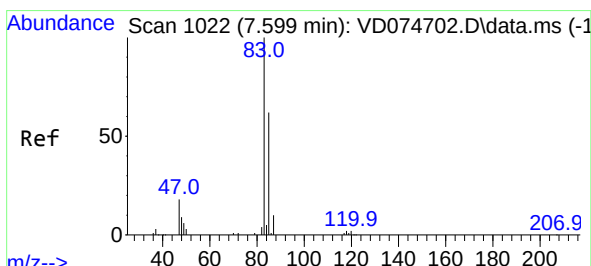
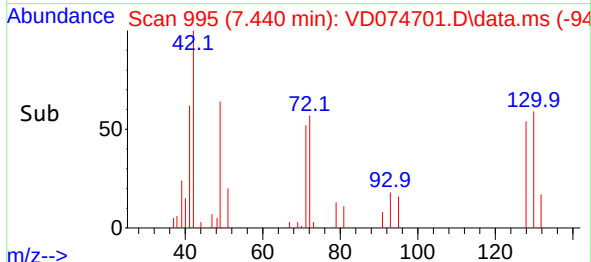
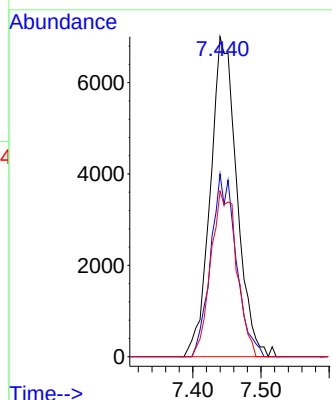
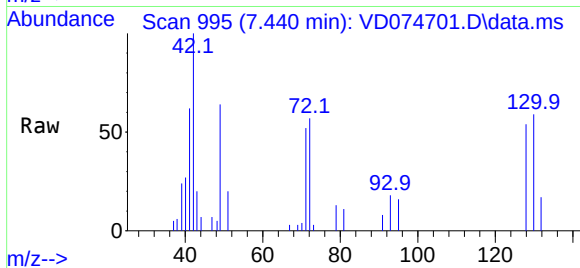




#29
Tetrahydrofuran
Concen: 99.109 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

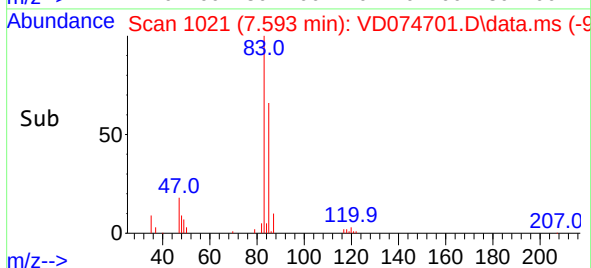
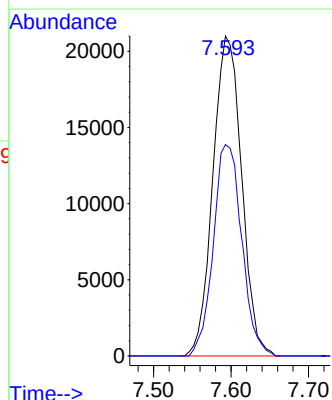
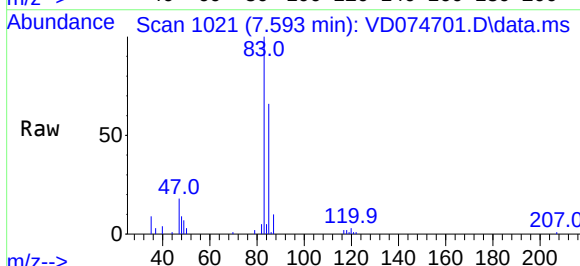
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

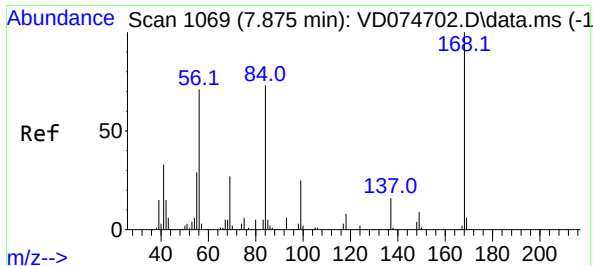
Tgt Ion: 42 Resp: 18918
Ion Ratio Lower Upper
42 100
72 54.7 45.8 68.6
71 50.5 44.6 66.8



#30
Chloroform
Concen: 19.224 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

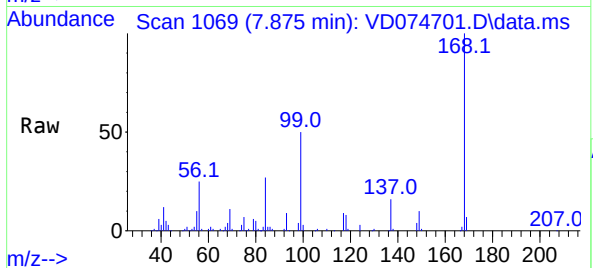
Tgt Ion: 83 Resp: 54124
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0



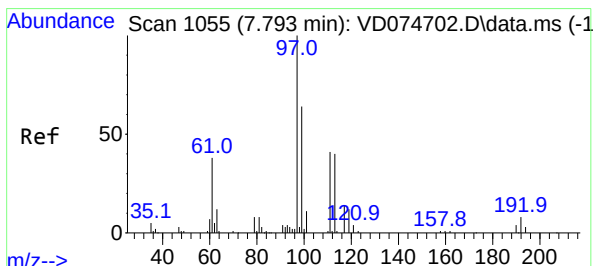
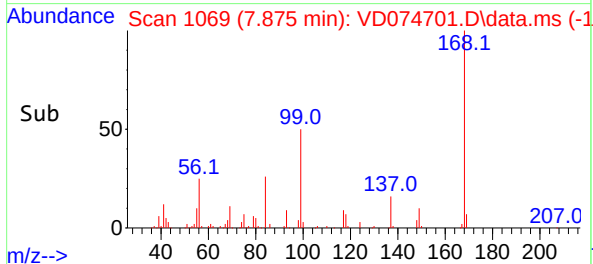
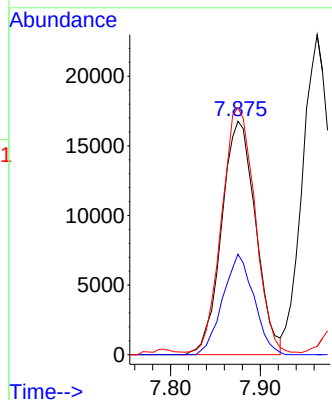


#31
Cyclohexane
Concen: 18.837 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

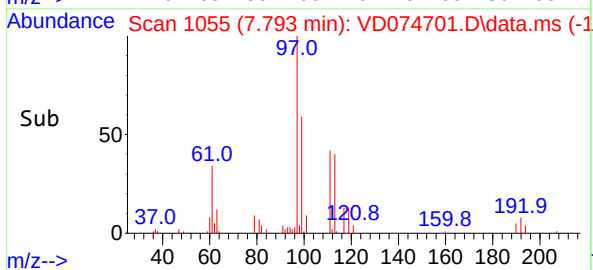
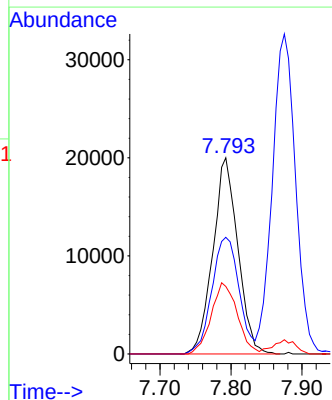
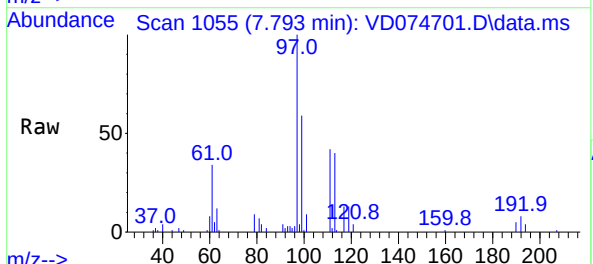


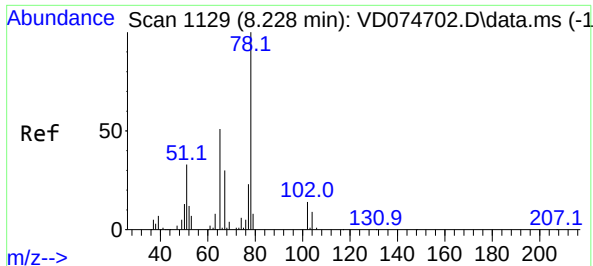
Tgt Ion: 56 Resp: 44238
Ion Ratio Lower Upper
56 100
69 43.1 29.2 43.8
84 104.6 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 19.611 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 97 Resp: 48776
Ion Ratio Lower Upper
97 100
99 65.1 53.3 79.9
61 37.9 30.2 45.4

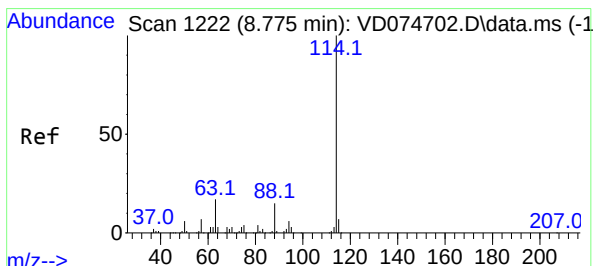
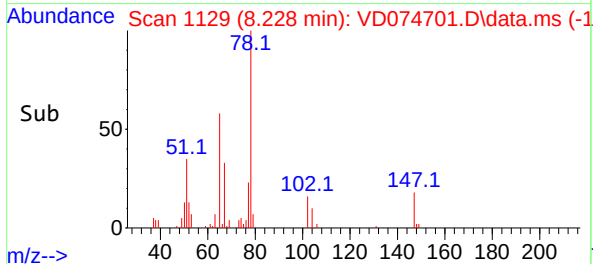
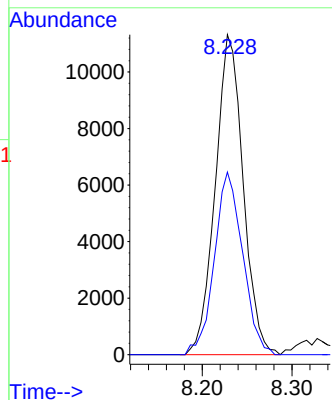
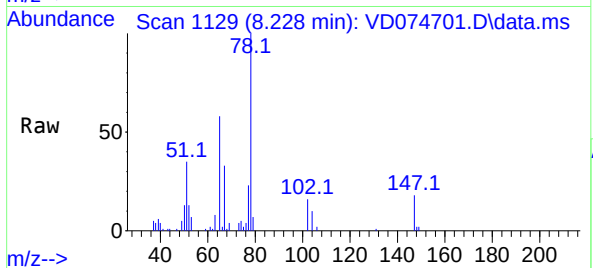




#33
1,2-Dichloroethane-d4
Concen: 21.039 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

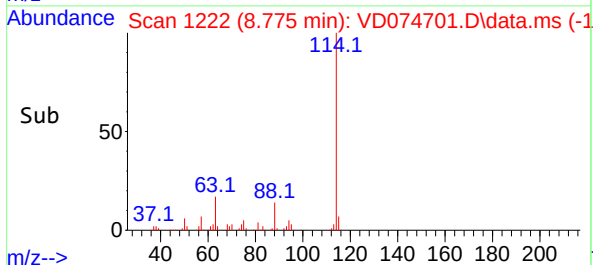
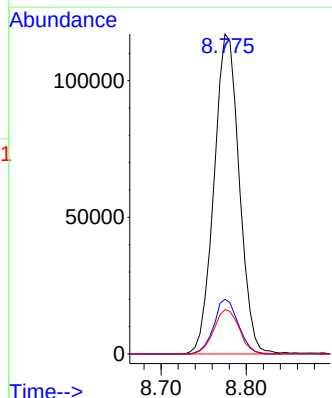
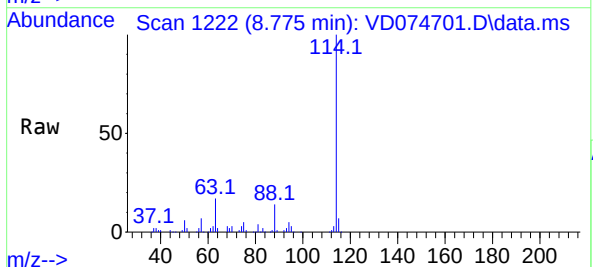
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

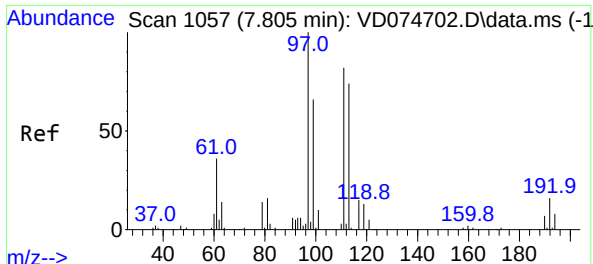
Tgt Ion: 65 Resp: 24405
Ion Ratio Lower Upper
65 100
67 57.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 114 Resp: 240814
Ion Ratio Lower Upper
114 100
63 17.1 0.0 33.2
88 13.9 0.0 28.2

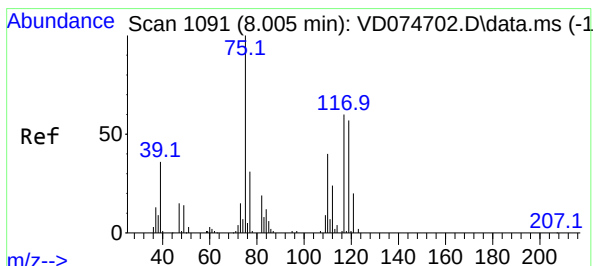
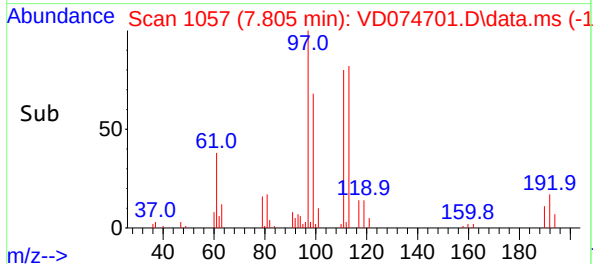
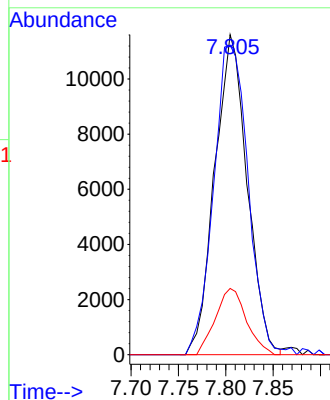
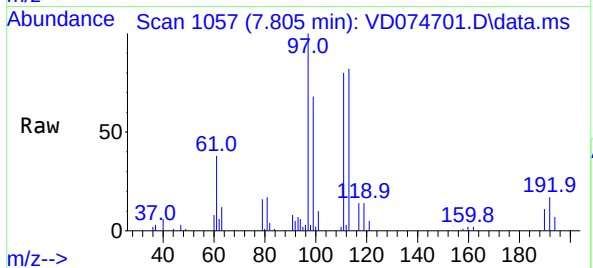




#35
Dibromofluoromethane
Concen: 19.415 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

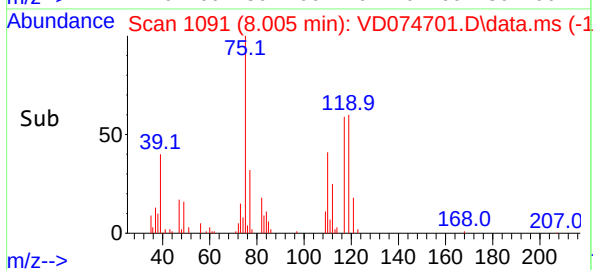
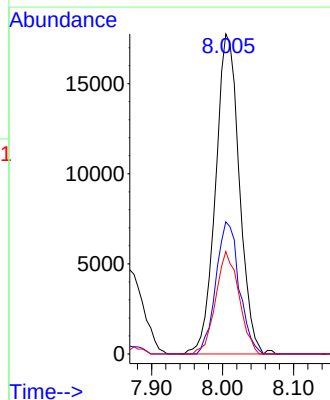
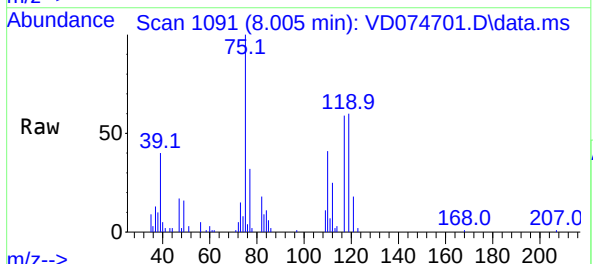
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

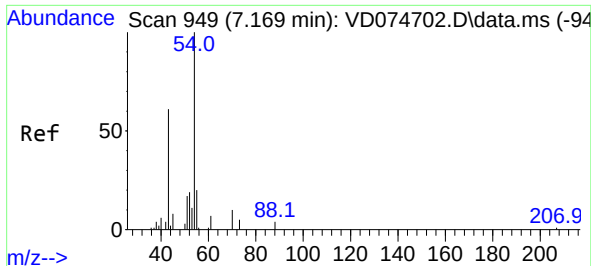
Tgt Ion:113 Resp: 27657
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.7 16.4 24.6



#36
1,1-Dichloropropene
Concen: 19.078 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 75 Resp: 41252
Ion Ratio Lower Upper
75 100
110 40.4 19.7 59.0
77 31.3 25.4 38.2

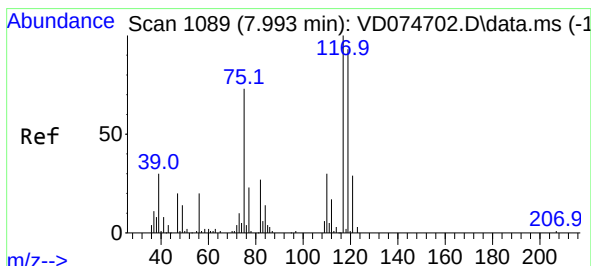
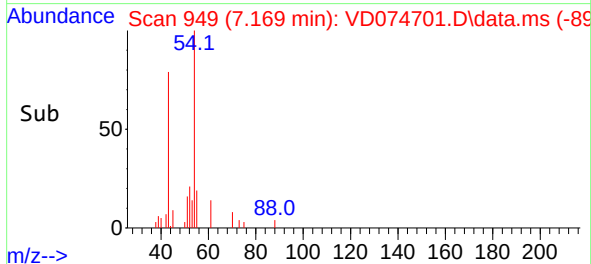
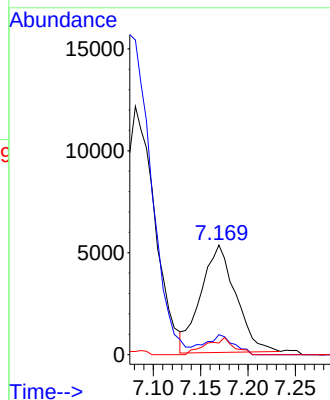
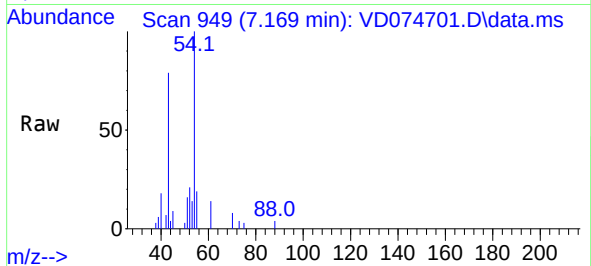




#37
Ethyl Acetate
Concen: 18.727 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

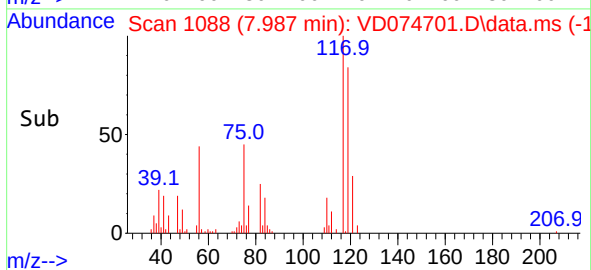
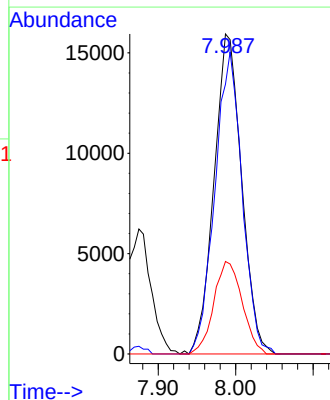
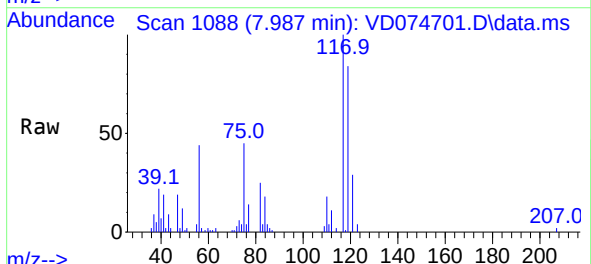
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

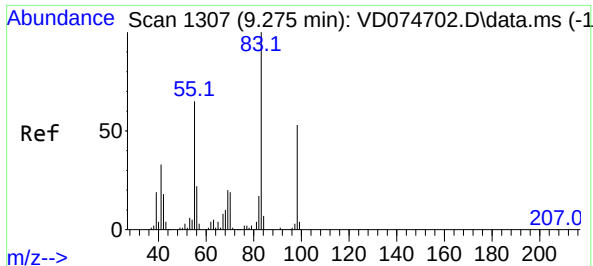
Tgt Ion: 43 Resp: 13508
Ion Ratio Lower Upper
43 100
61 15.0 12.2 18.4
70 12.5 9.6 14.4



#38
Carbon Tetrachloride
Concen: 19.275 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 117 Resp: 39486
Ion Ratio Lower Upper
117 100
119 84.3 73.1 109.7
121 28.9 25.0 37.6





#39

Methylcyclohexane

Concen: 19.181 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

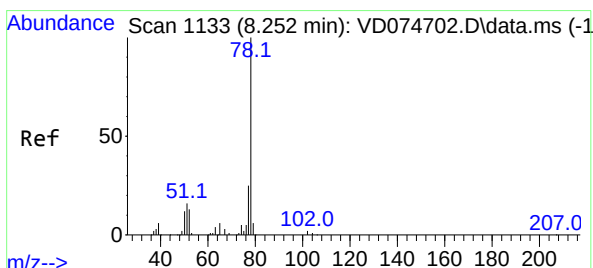
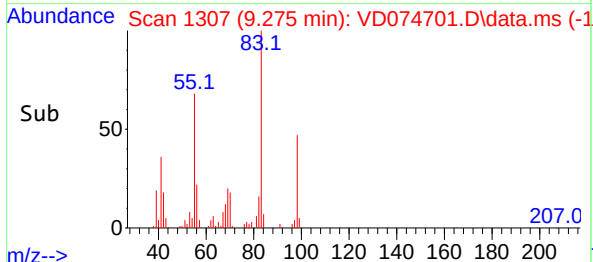
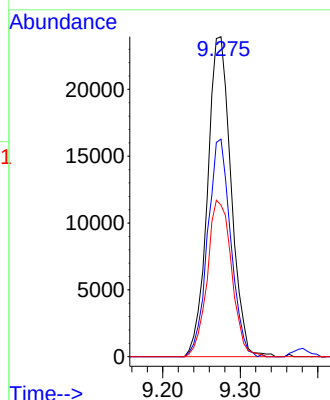
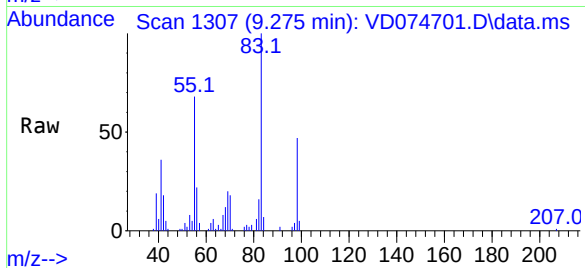
Tgt Ion: 83 Resp: 50460

Ion Ratio Lower Upper

83 100

55 68.0 49.0 73.4

98 47.4 41.7 62.5



#40

Benzene

Concen: 19.784 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD074701.D

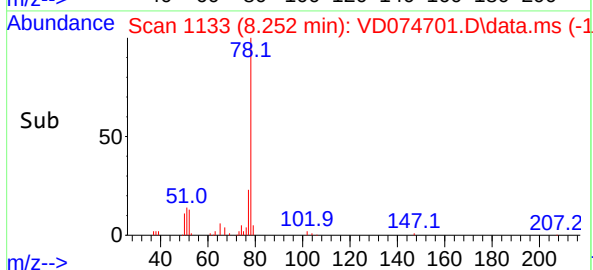
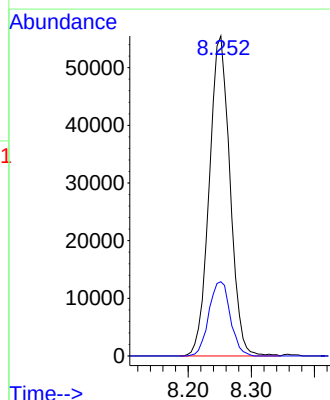
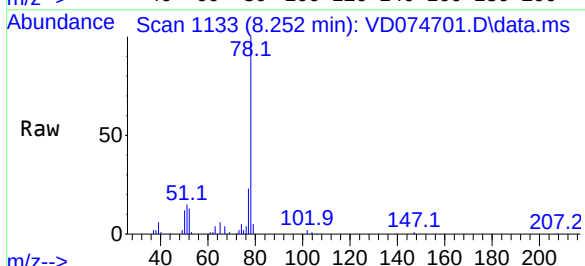
Acq: 02 Nov 2022 13:29

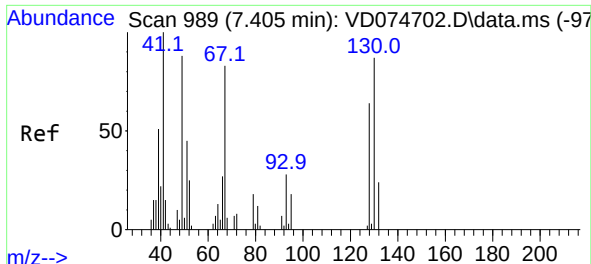
Tgt Ion: 78 Resp: 126437

Ion Ratio Lower Upper

78 100

77 23.2 20.1 30.1

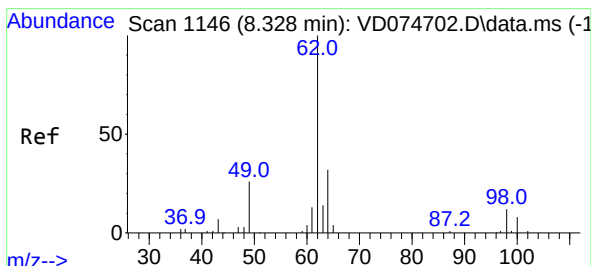
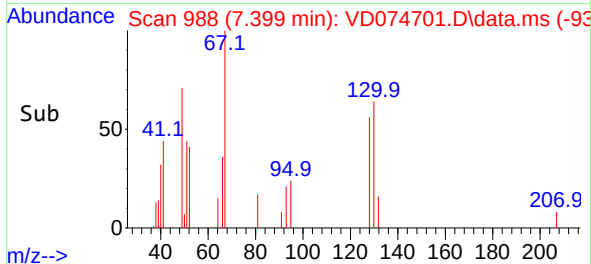
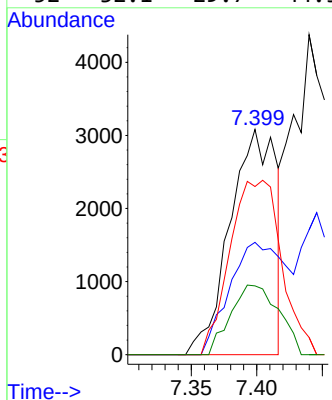
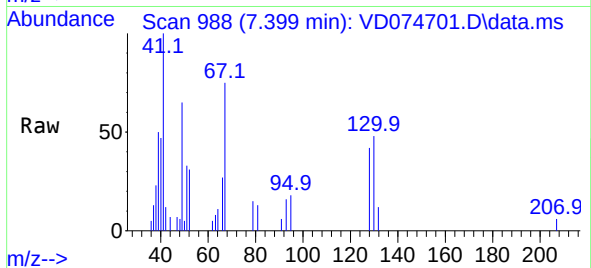




#41
Methacrylonitrile
Concen: 21.269 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

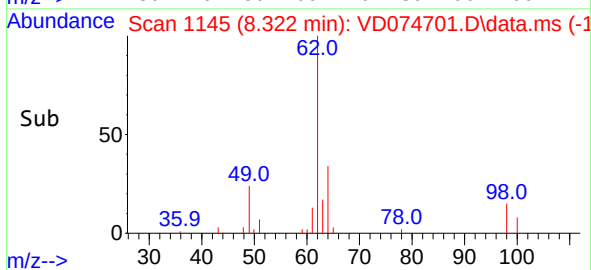
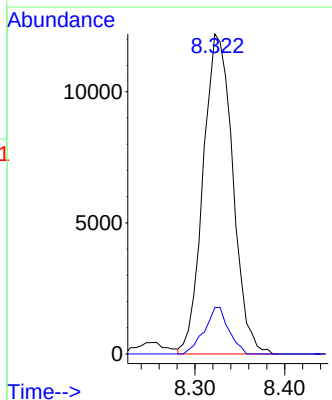
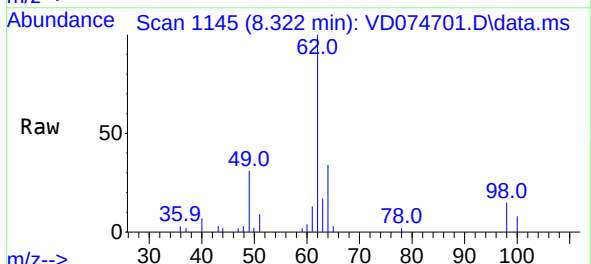
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

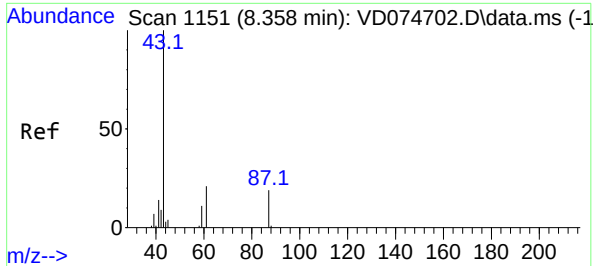
Tgt Ion: 41 Resp: 7553
Ion Ratio Lower Upper
41 100
39 61.8 35.0 52.6#
67 86.4 77.0 115.6
52 32.1 29.7 44.5



#42
1,2-Dichloroethane
Concen: 19.036 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 62 Resp: 27969
Ion Ratio Lower Upper
62 100
98 11.9 0.0 24.2

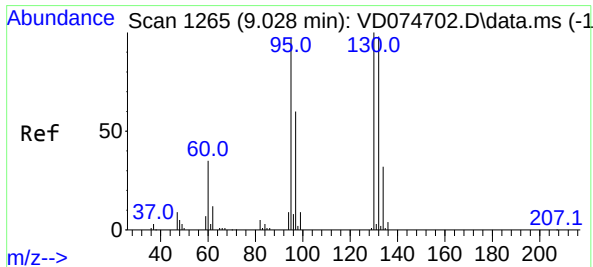
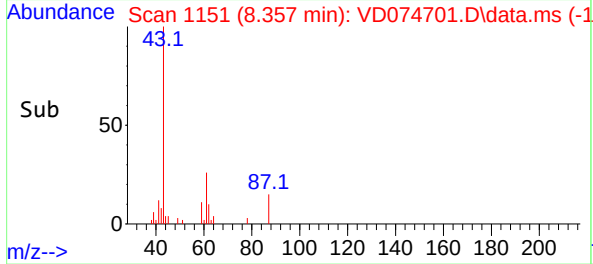
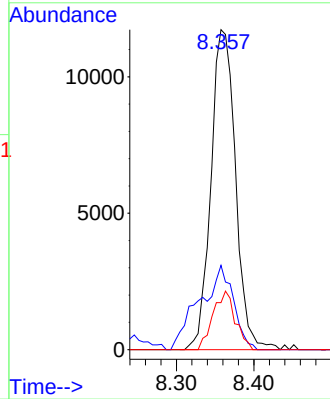
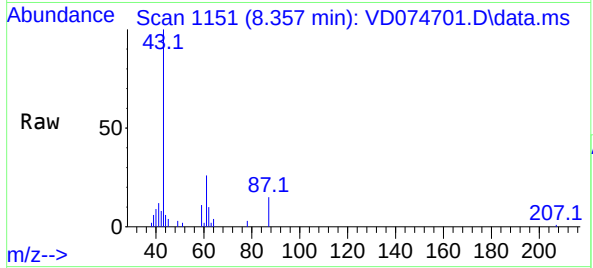




#43
Isopropyl Acetate
Concen: 19.260 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

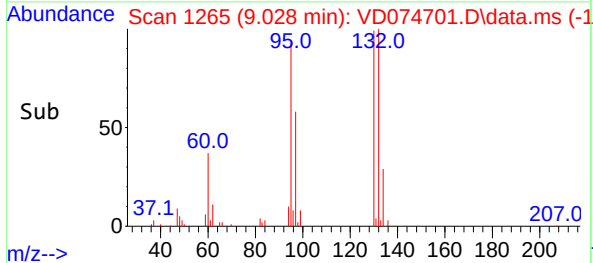
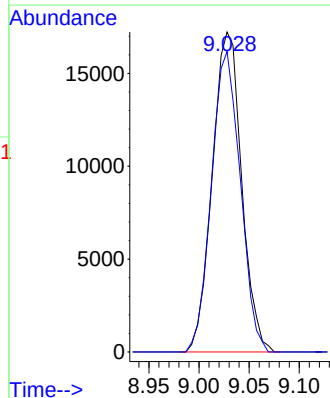
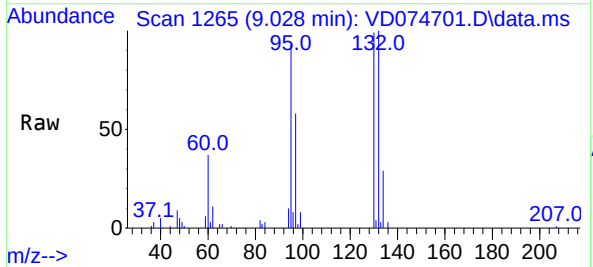
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

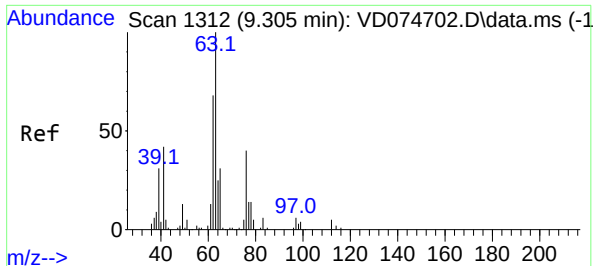
Tgt Ion: 43 Resp: 25849
Ion Ratio Lower Upper
43 100
61 36.3 30.9 46.3
87 16.6 14.3 21.5



#44
Trichloroethene
Concen: 19.169 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 130 Resp: 34903
Ion Ratio Lower Upper
130 100
95 93.9 0.0 185.4

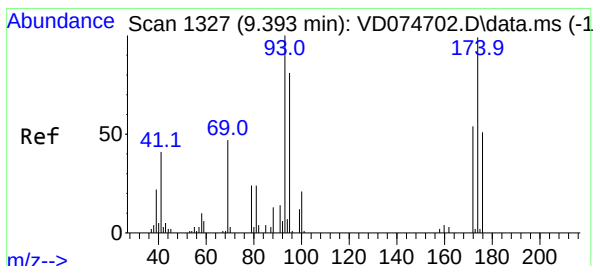
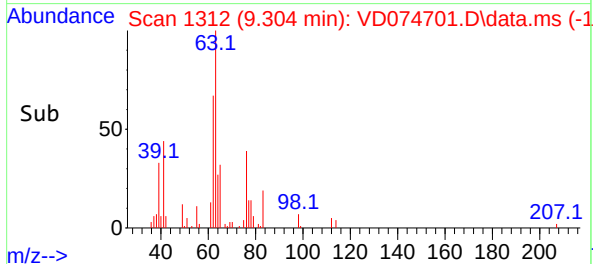
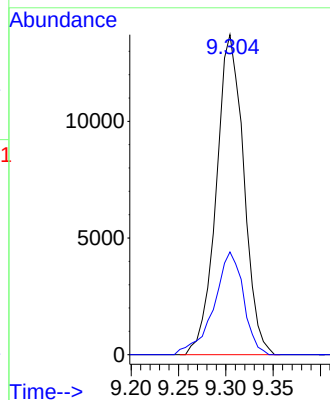
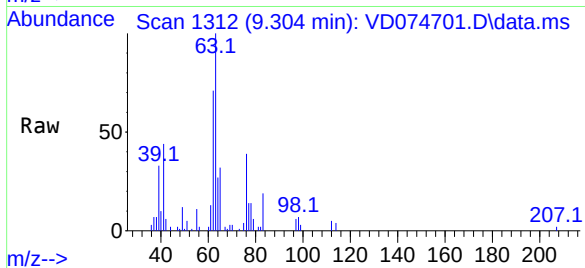




#45
1,2-Dichloropropane
Concen: 19.584 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

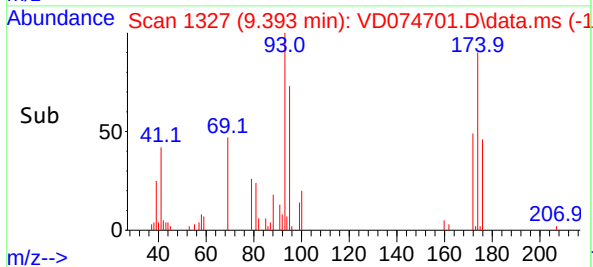
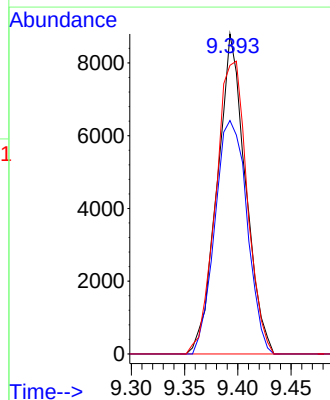
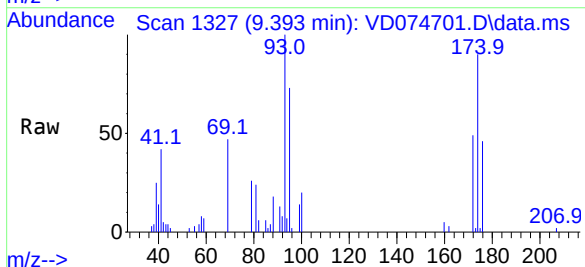
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

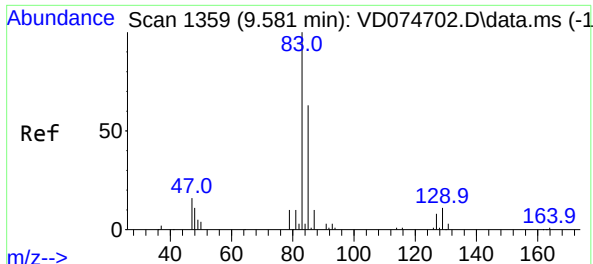
Tgt Ion: 63 Resp: 27682
Ion Ratio Lower Upper
63 100
65 32.1 23.1 34.7



#46
Dibromomethane
Concen: 19.784 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 93 Resp: 16205
Ion Ratio Lower Upper
93 100
95 83.0 68.2 102.2
174 101.7 87.4 131.0

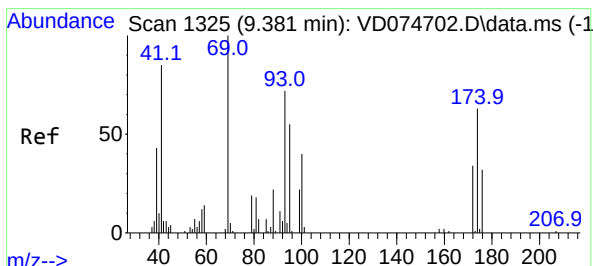
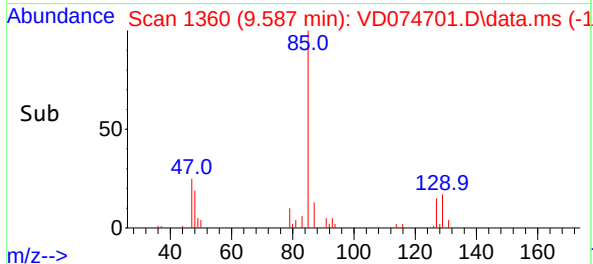
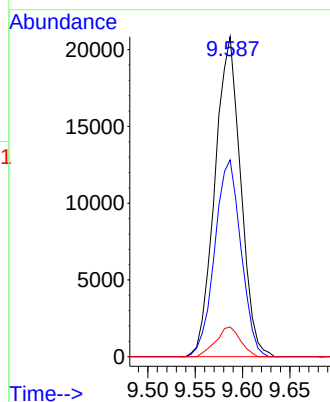
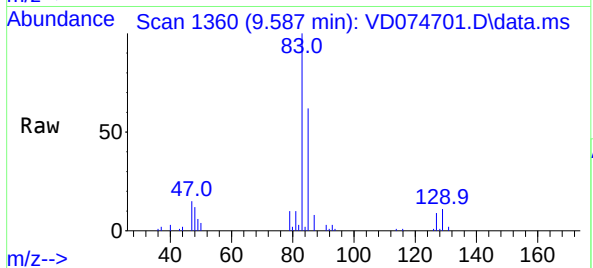




#47
Bromodichloromethane
Concen: 19.986 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

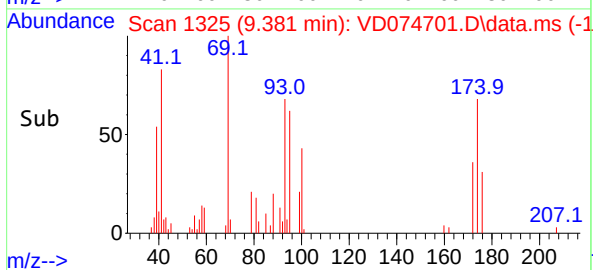
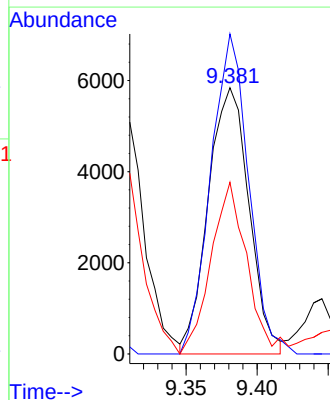
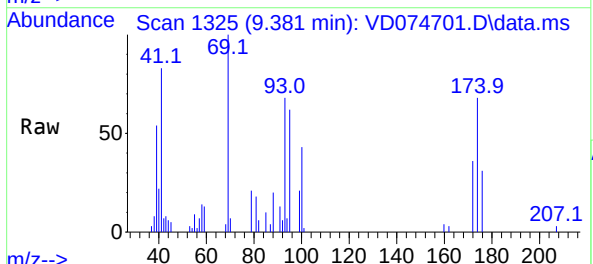
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

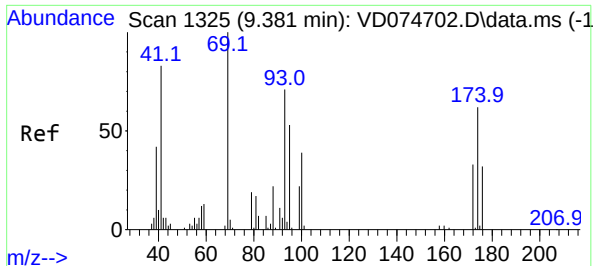
Tgt Ion: 83	Resp: 39413
Ion Ratio	Lower Upper
83 100	
85 61.5	48.8 73.2
127 9.3	6.7 10.1



#48
Methyl methacrylate
Concen: 19.521 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 41	Resp: 11675
Ion Ratio	Lower Upper
41 100	
69 111.4	93.0 139.4
39 57.1	44.6 66.8

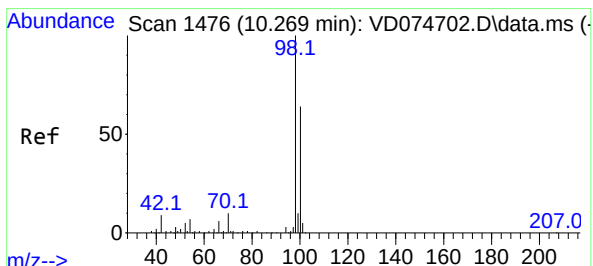
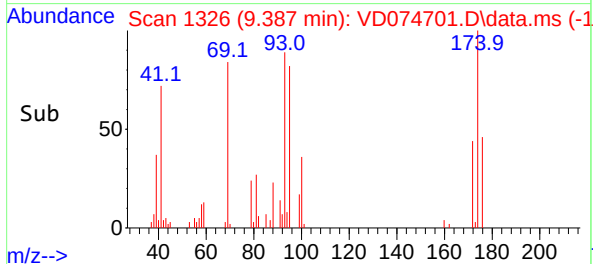
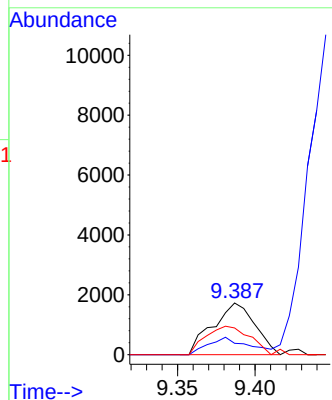
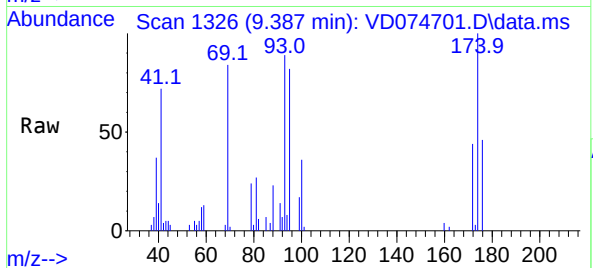




#49
1,4-Dioxane
Concen: 394.889 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

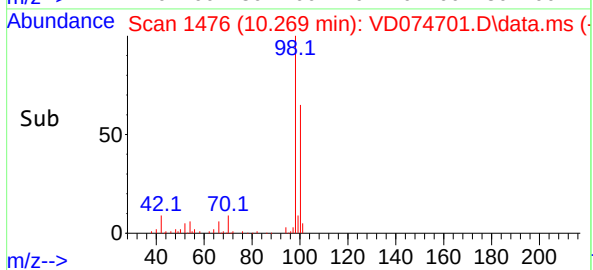
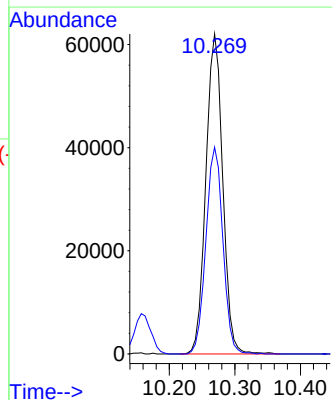
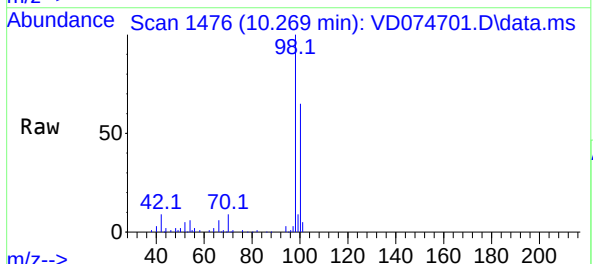
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

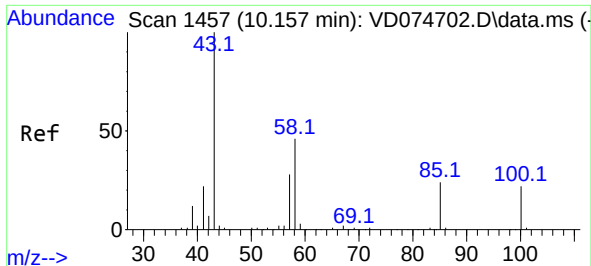
Tgt Ion: 88 Resp: 3262
Ion Ratio Lower Upper
88 100
43 32.3 24.1 36.1
58 59.1 43.1 64.7



#50
Toluene-d8
Concen: 21.391 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 98 Resp: 111154
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

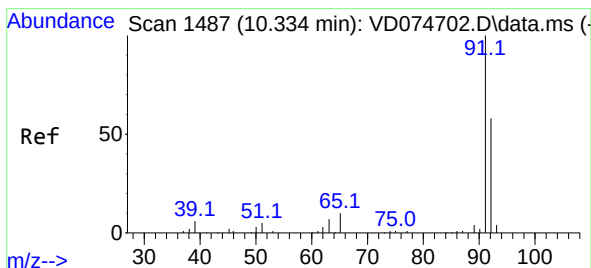
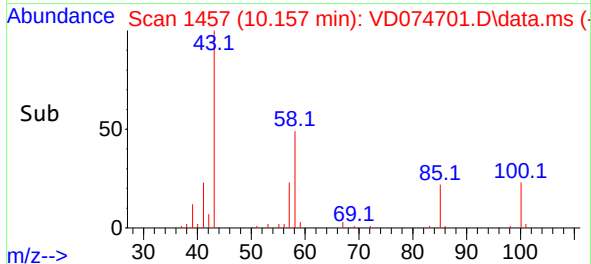
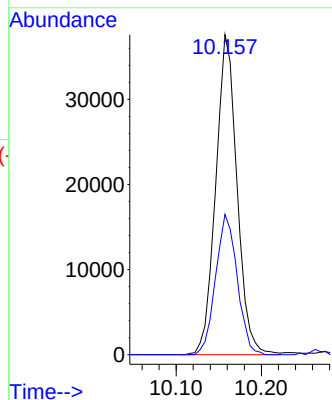
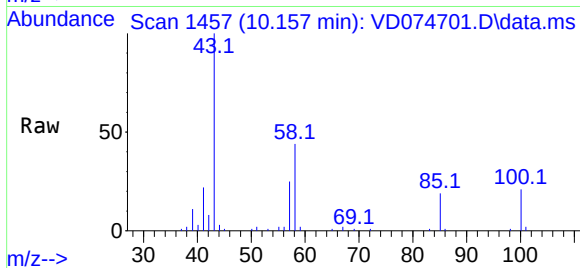




#51
4-Methyl-2-Pentanone
Concen: 100.200 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

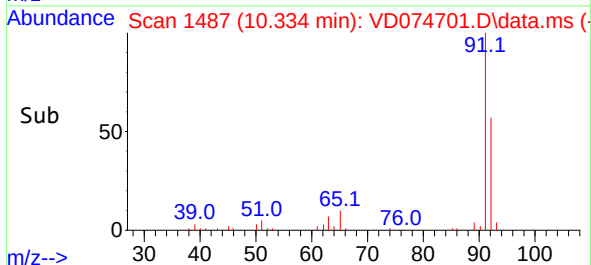
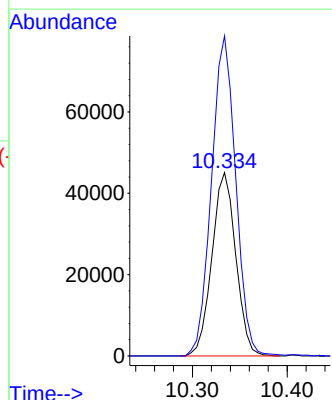
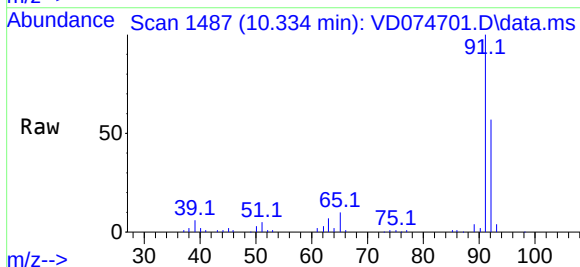
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

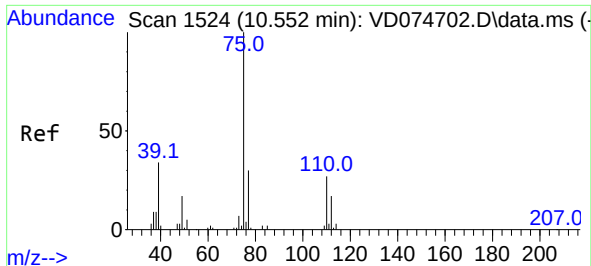
Tgt Ion: 43 Resp: 65215
Ion Ratio Lower Upper
43 100
58 44.4 37.8 56.6



#52
Toluene
Concen: 20.158 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 92 Resp: 78879
Ion Ratio Lower Upper
92 100
91 177.2 139.0 208.4

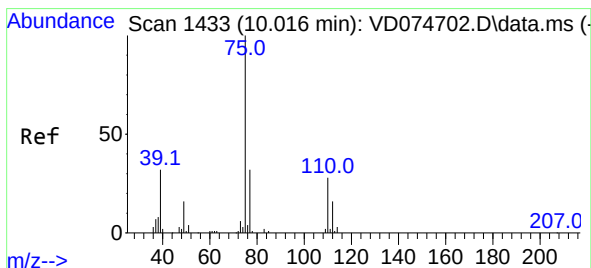
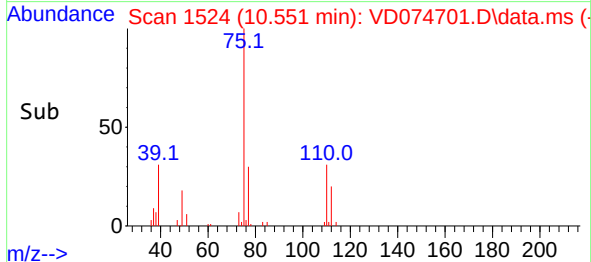
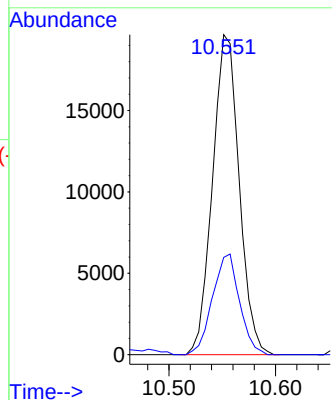
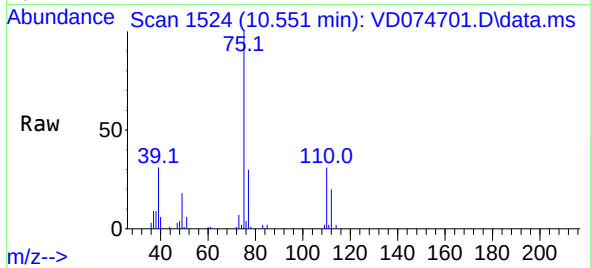




#53
 t-1,3-Dichloropropene
 Concen: 19.576 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

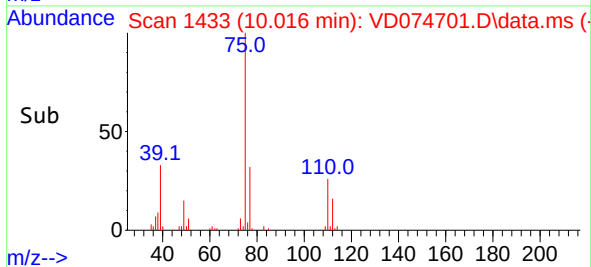
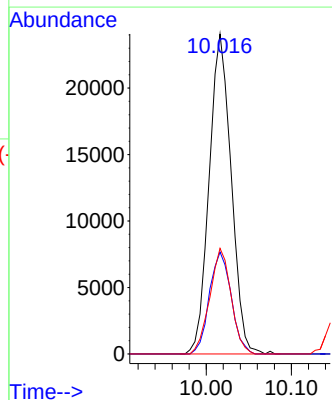
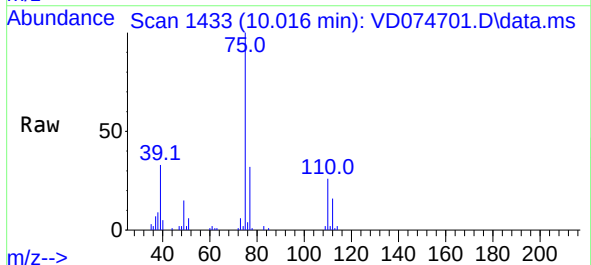
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

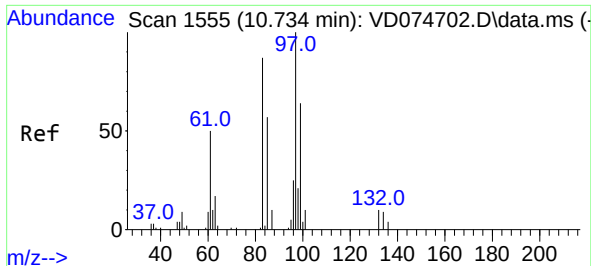
Tgt Ion: 75 Resp: 34144
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.738 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

Tgt Ion: 75 Resp: 43198
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1
 39 33.0 25.4 38.2

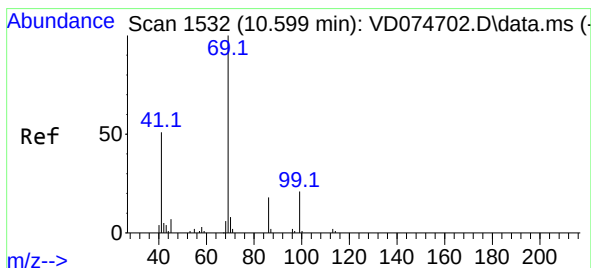
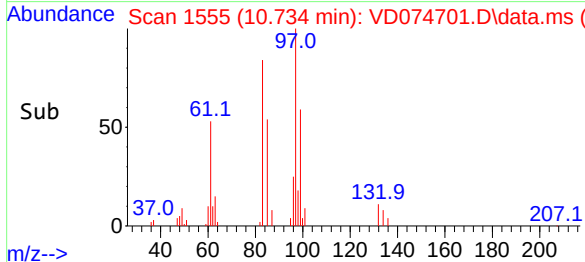
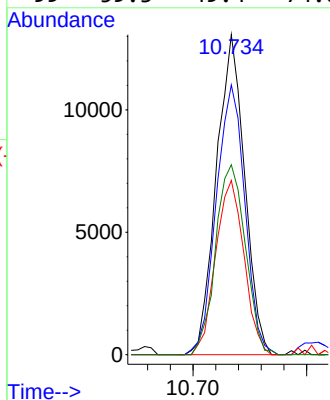
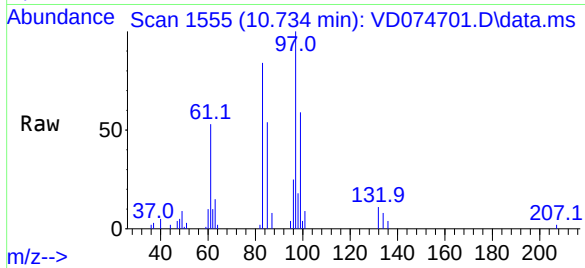




#55
1,1,2-Trichloroethane
Concen: 20.283 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

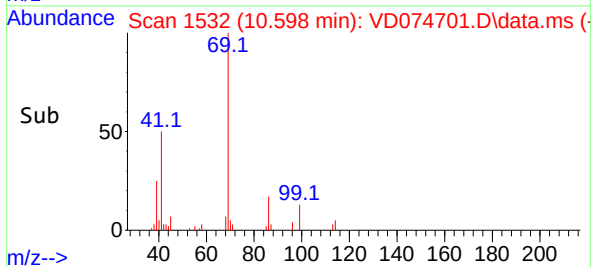
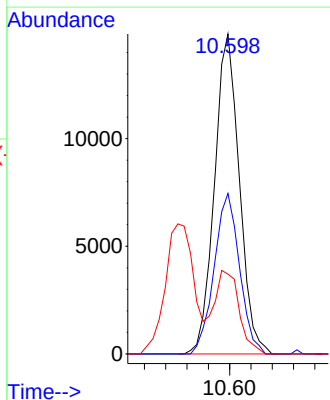
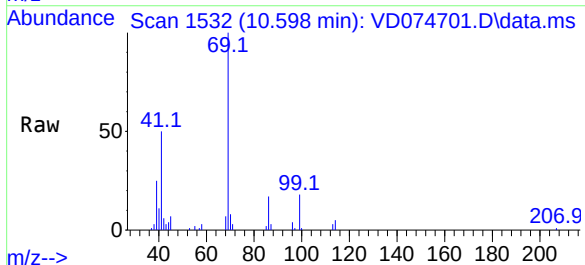
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

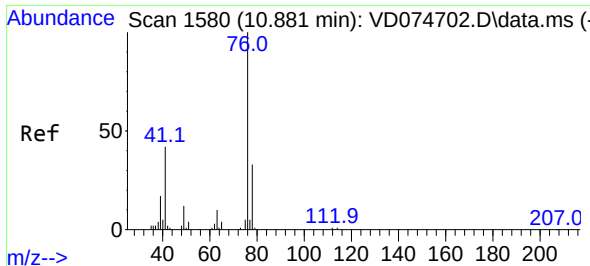
Tgt Ion:	97	Resp:	22571
Ion	Ratio	Lower	Upper
97	100		
83	84.3	64.8	97.2
85	54.4	44.8	67.2
99	59.3	49.4	74.0



#56
Ethyl methacrylate
Concen: 19.314 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:	69	Resp:	24030
Ion	Ratio	Lower	Upper
69	100		
41	51.2	38.6	58.0
39	26.8	19.9	29.9





#57

1,3-Dichloropropane

Concen: 20.125 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

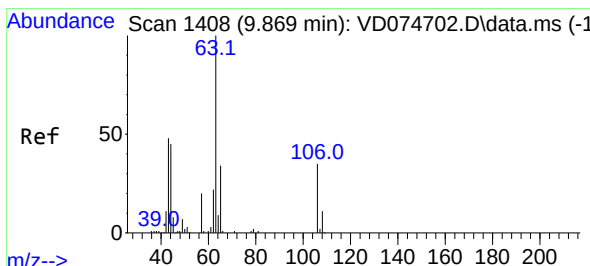
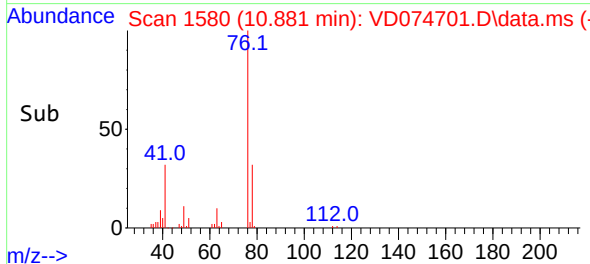
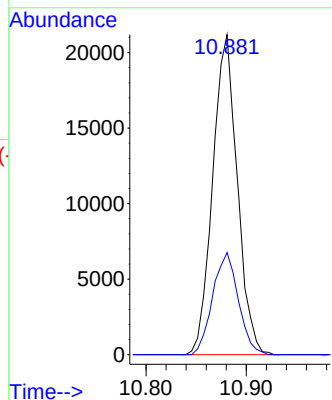
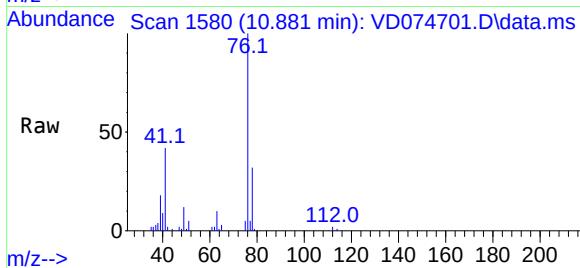
VSTDIC020

Tgt Ion: 76 Resp: 36079

Ion Ratio Lower Upper

76 100

78 33.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 76.341 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074701.D

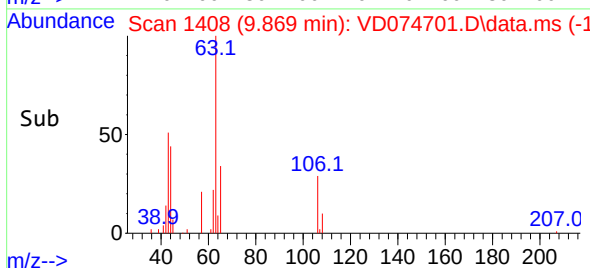
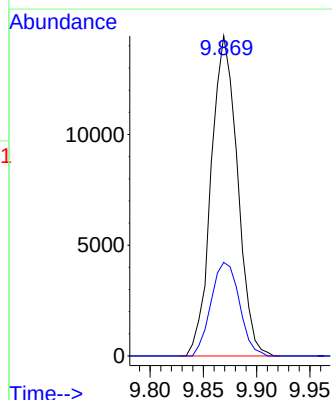
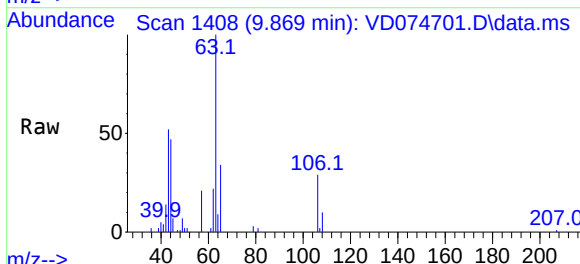
Acq: 02 Nov 2022 13:29

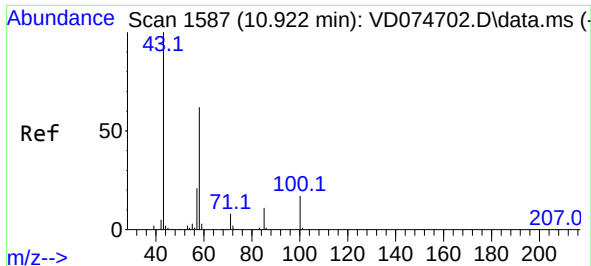
Tgt Ion: 63 Resp: 24873

Ion Ratio Lower Upper

63 100

106 31.4 26.5 39.7

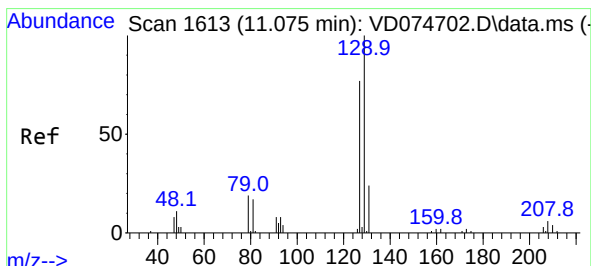
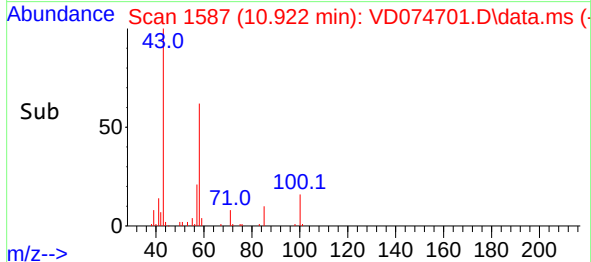
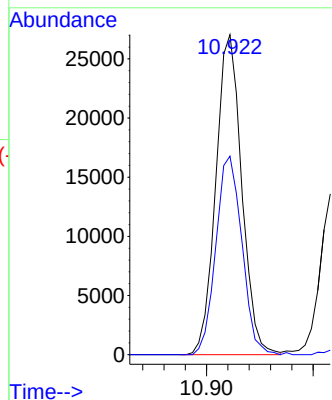
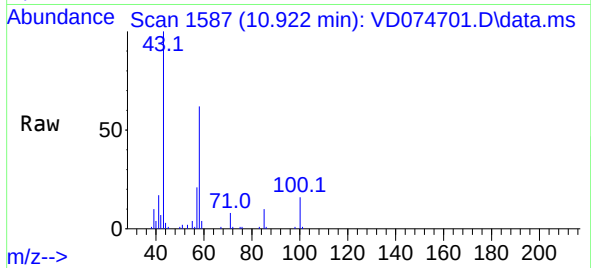




#59
2-Hexanone
Concen: 101.891 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

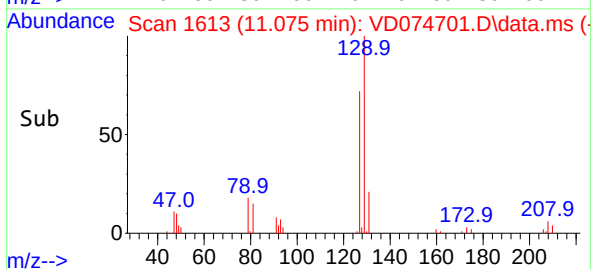
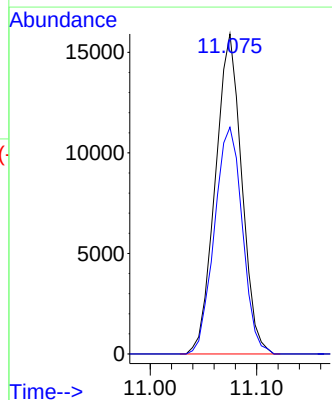
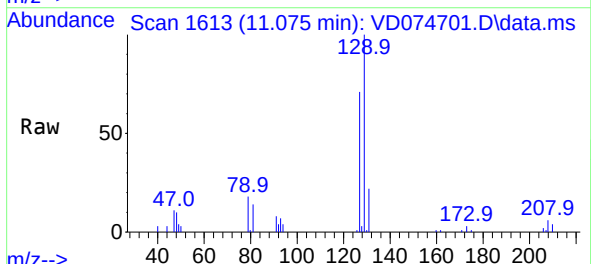
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

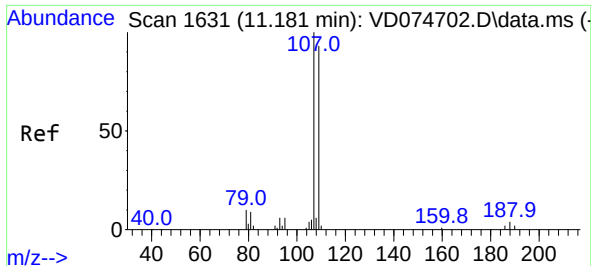
Tgt Ion: 43 Resp: 45618
Ion Ratio Lower Upper
43 100
58 62.4 32.0 96.2



#60
Dibromochloromethane
Concen: 20.622 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 129 Resp: 27395
Ion Ratio Lower Upper
129 100
127 75.1 39.1 117.2

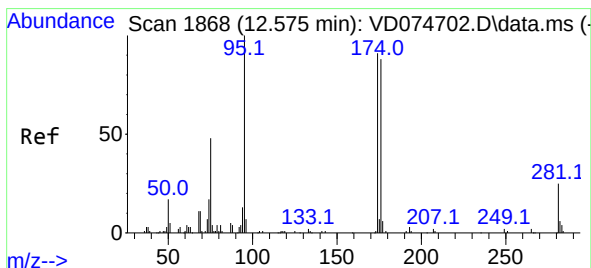
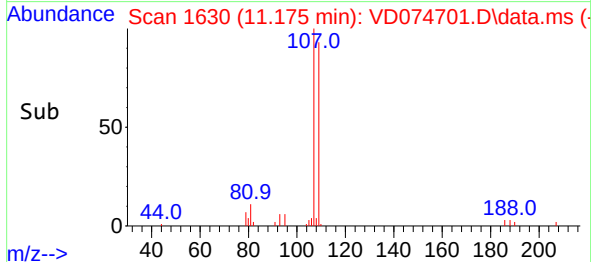
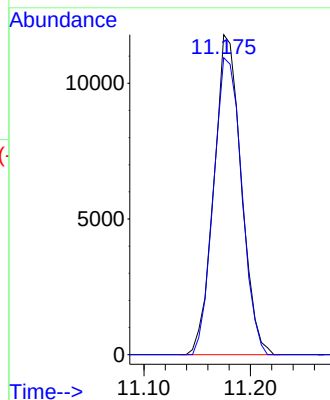
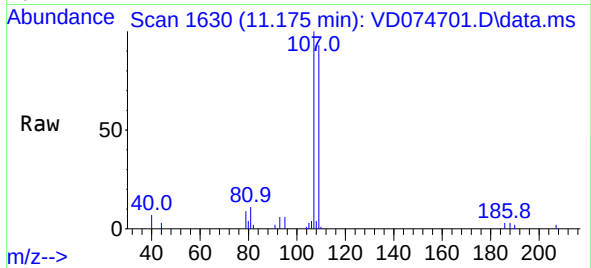




#61
1,2-Dibromoethane
Concen: 20.029 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

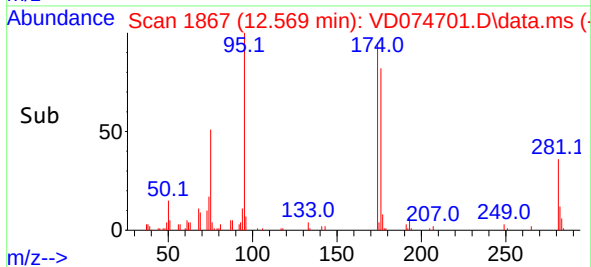
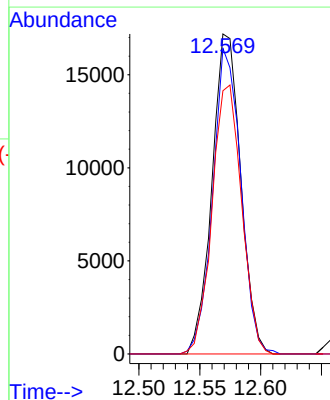
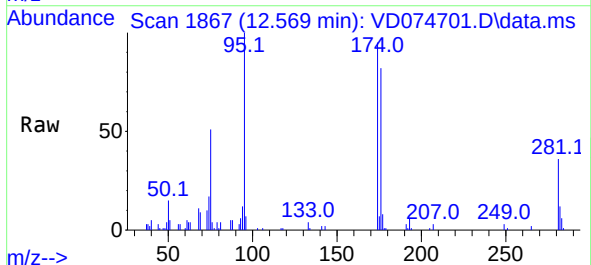
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

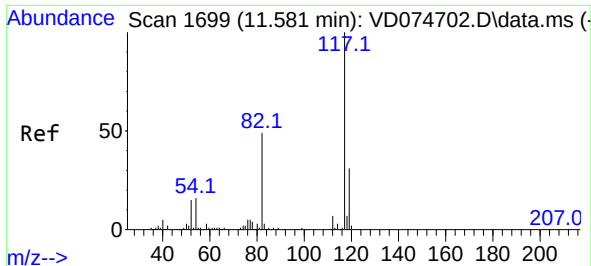
Tgt Ion:107 Resp: 21004
Ion Ratio Lower Upper
107 100
109 95.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 18.799 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 95 Resp: 28204
Ion Ratio Lower Upper
95 100
174 93.3 0.0 197.0
176 86.3 0.0 182.6



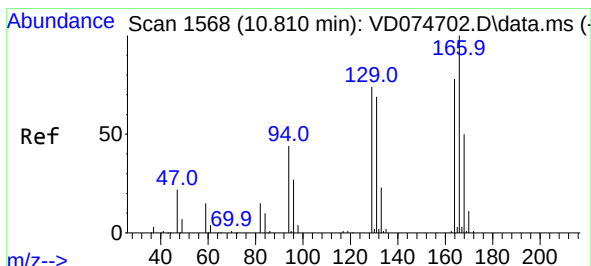
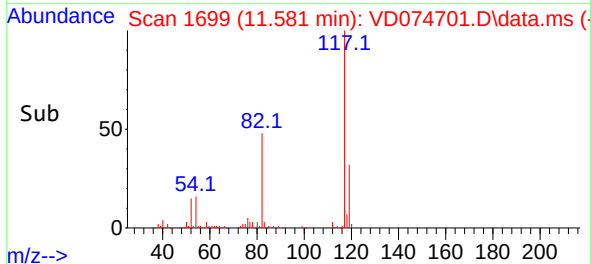
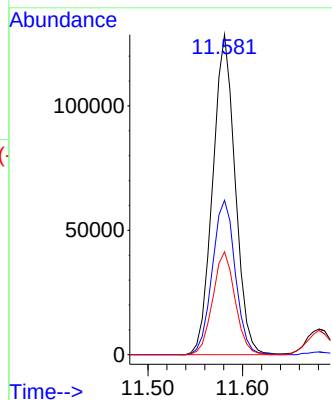
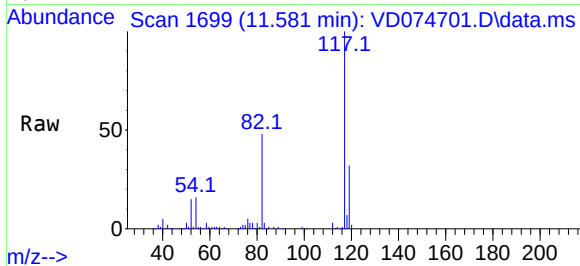


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:117 Resp: 212001

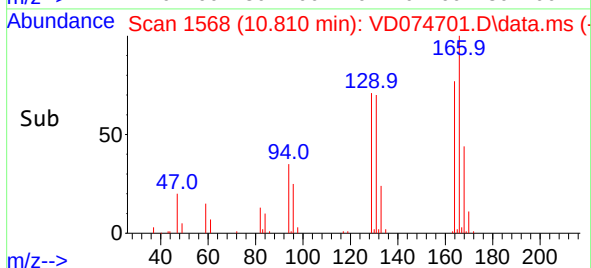
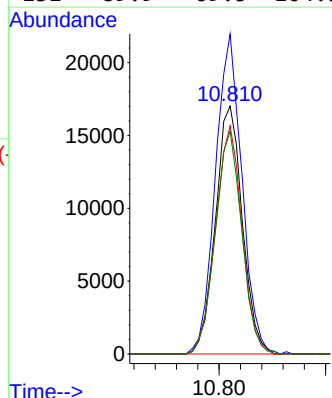
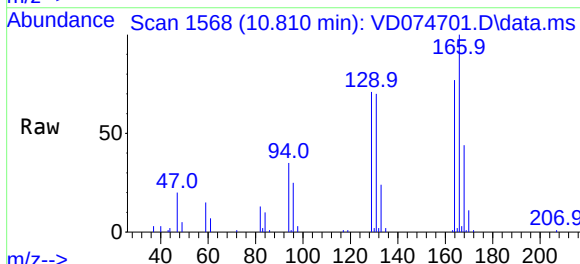
Ion	Ratio	Lower	Upper
117	100		
82	48.3	41.6	62.4
119	32.1	25.2	37.8

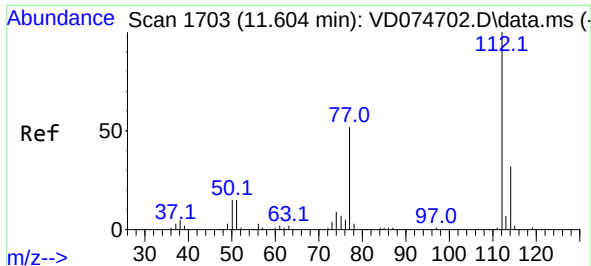


#64
Tetrachloroethene
Concen: 19.938 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:164 Resp: 29860

Ion	Ratio	Lower	Upper
164	100		
166	129.1	107.8	161.8
129	92.0	77.4	116.2
131	89.9	69.5	104.3

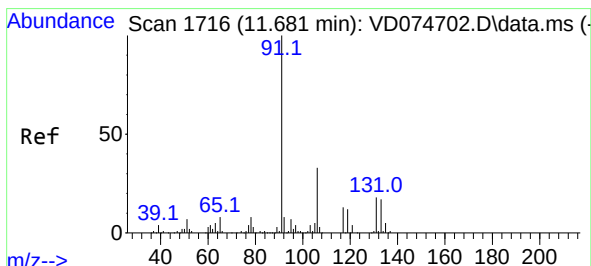
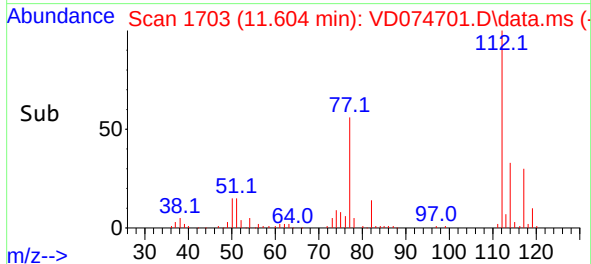
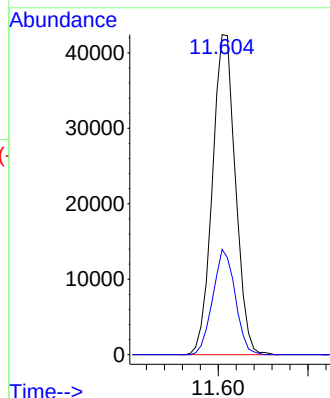
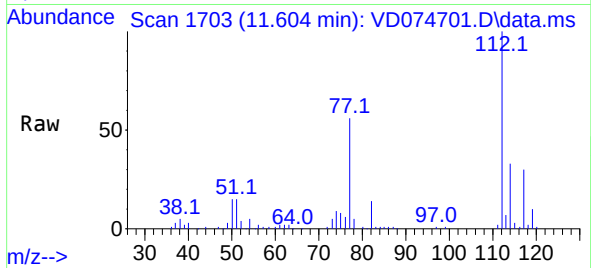




#65
Chlorobenzene
Concen: 17.998 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

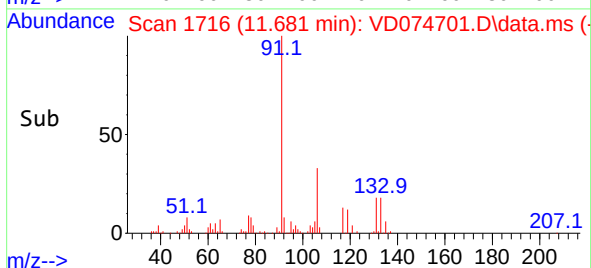
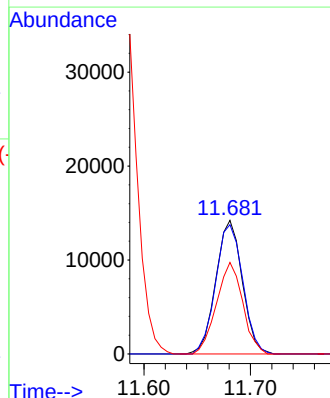
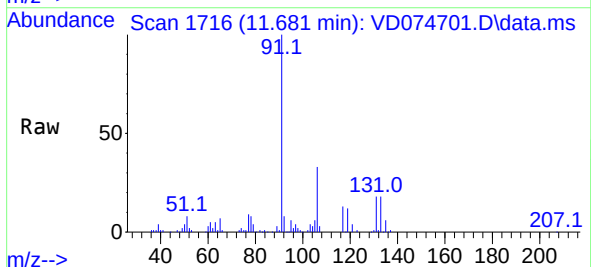
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

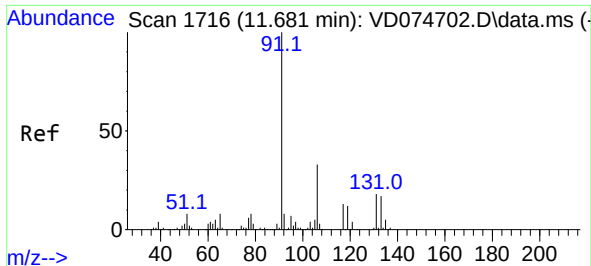
Tgt Ion:112 Resp: 75563
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.162 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:131 Resp: 24446
Ion Ratio Lower Upper
131 100
133 99.8 46.6 139.8
119 68.2 32.5 97.4

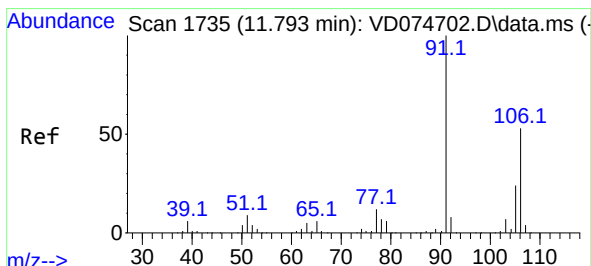
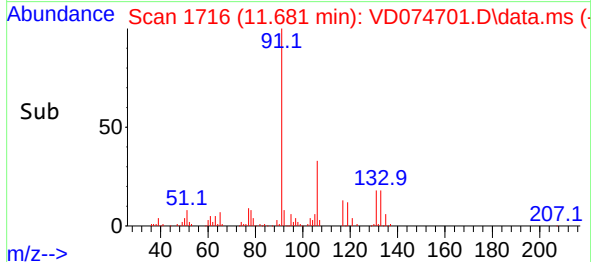
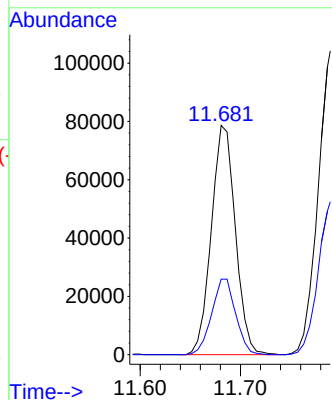
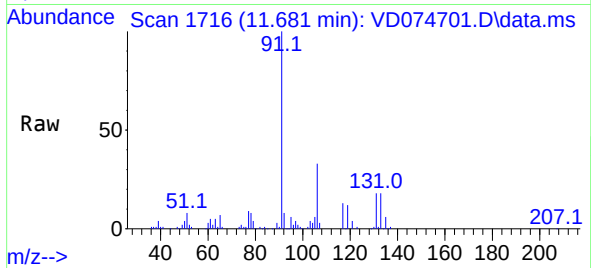




#67
Ethyl Benzene
Concen: 17.625 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

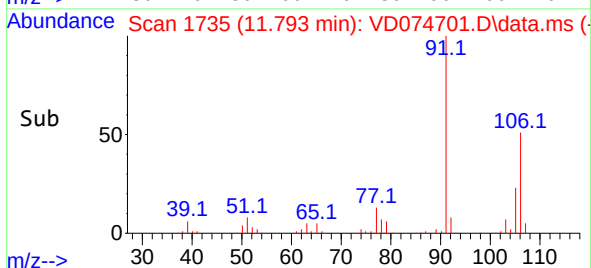
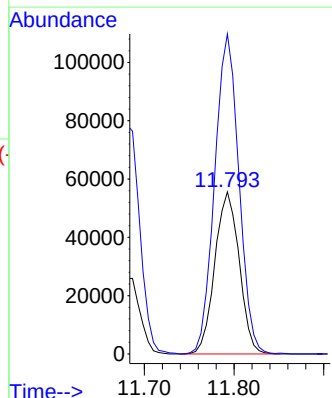
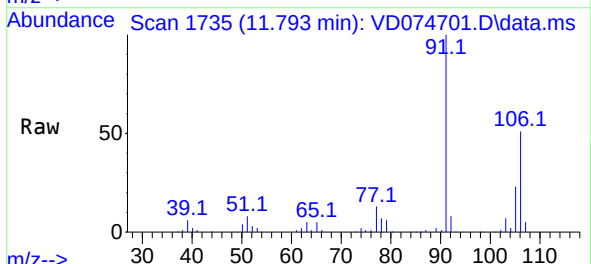
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

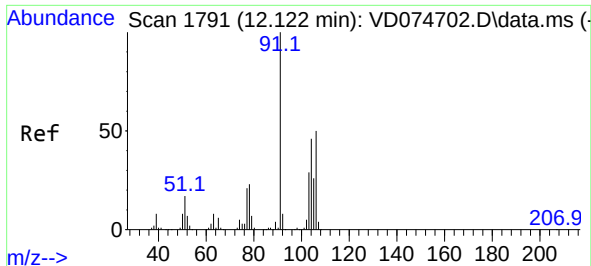
Tgt Ion: 91 Resp: 131129
Ion Ratio Lower Upper
91 100
106 33.0 26.6 40.0



#68
m/p-Xylenes
Concen: 35.454 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 106 Resp: 104722
Ion Ratio Lower Upper
106 100
91 196.6 156.2 234.4

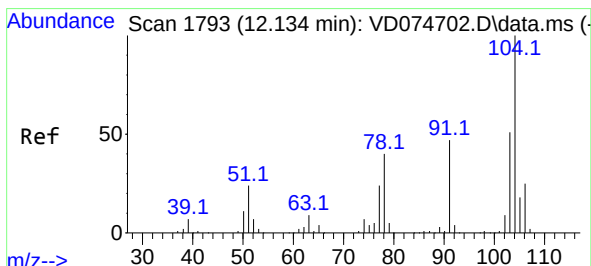
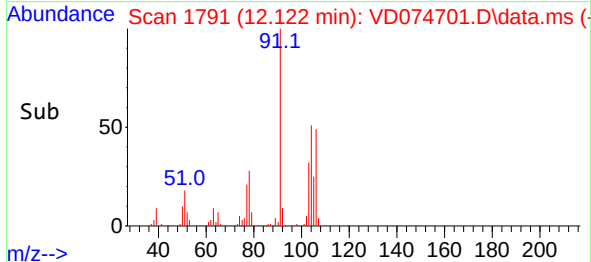
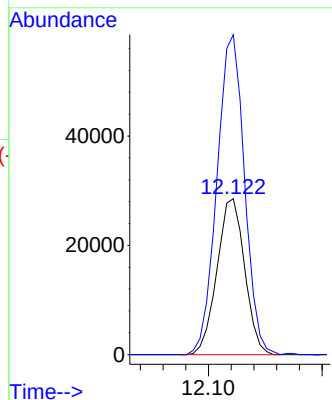
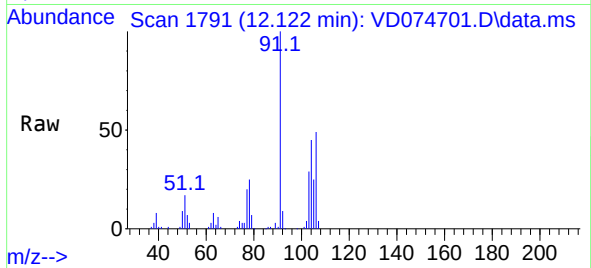




#69
o-Xylene
Concen: 17.775 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

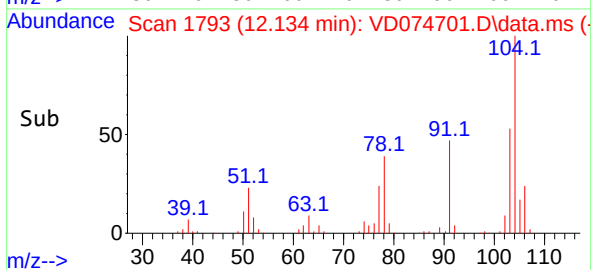
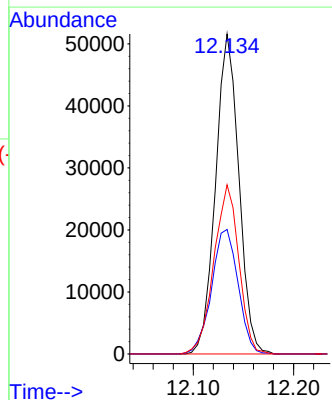
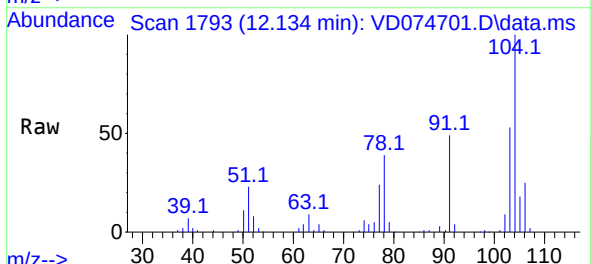
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

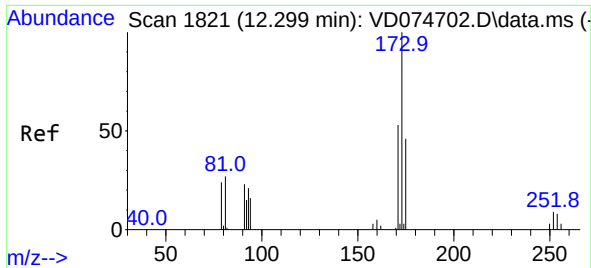
Tgt Ion:106 Resp: 48268
Ion Ratio Lower Upper
106 100
91 204.5 104.5 313.3



#70
Styrene
Concen: 18.081 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:104 Resp: 83181
Ion Ratio Lower Upper
104 100
78 44.4 35.7 53.5
103 56.6 43.7 65.5

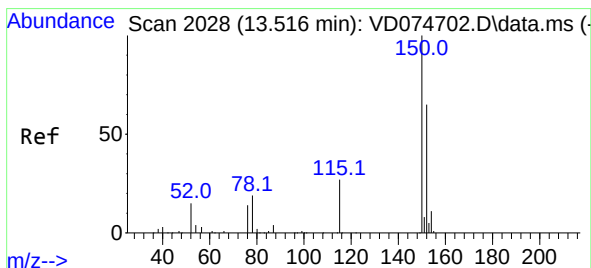
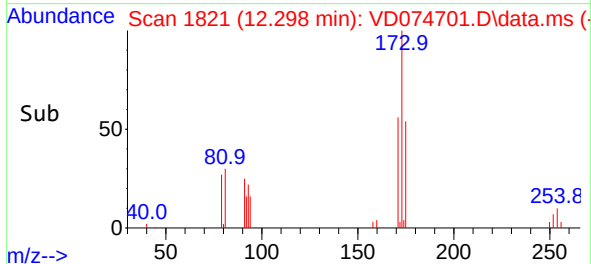
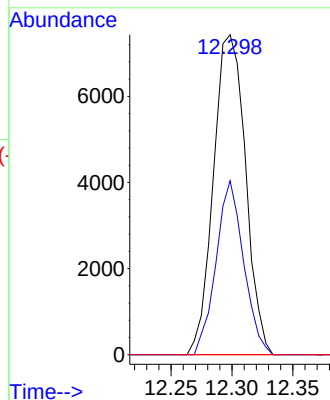
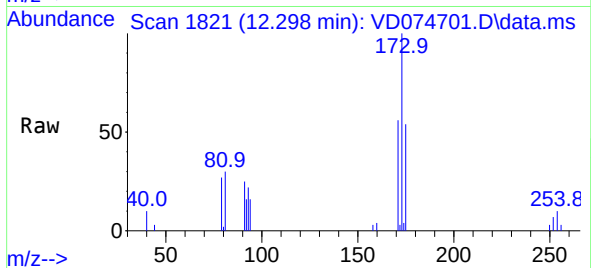




#71
Bromoform
Concen: 17.841 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

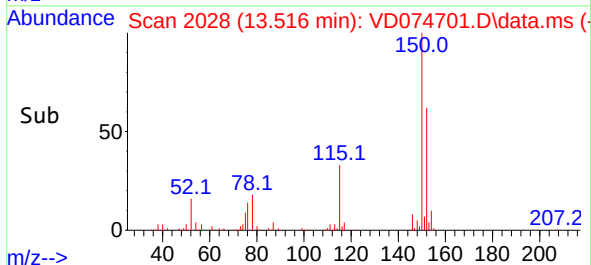
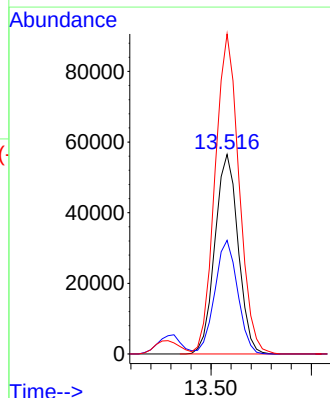
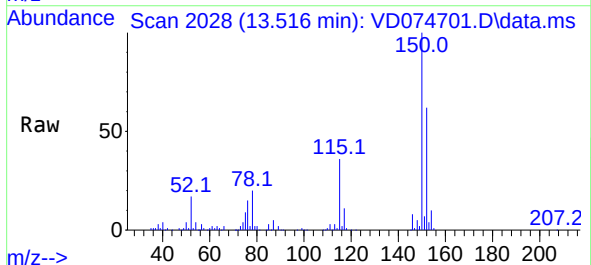
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

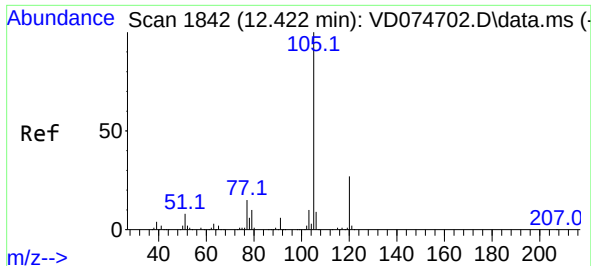
Tgt Ion:173	Resp:	13610
Ion Ratio	Lower	Upper
173	100	
175	46.8	23.1 69.3
254	0.0	0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:152	Resp:	90695
Ion Ratio	Lower	Upper
152	100	
115	56.2	26.8 80.4
150	165.5	0.0 348.2

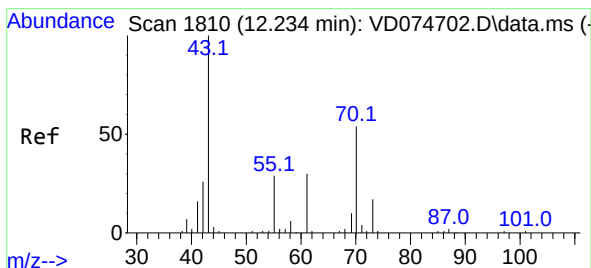
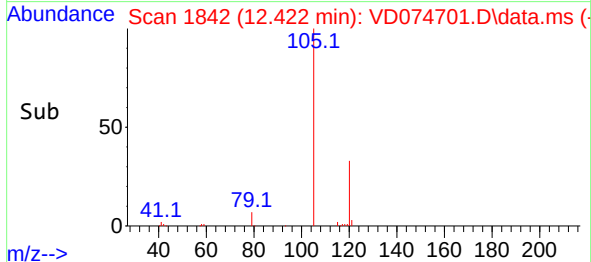
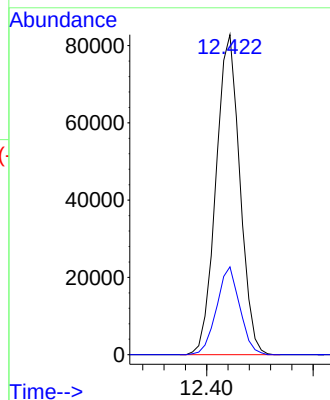
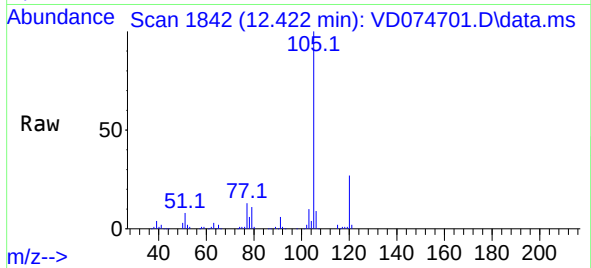




#73
Isopropylbenzene
Concen: 19.461 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

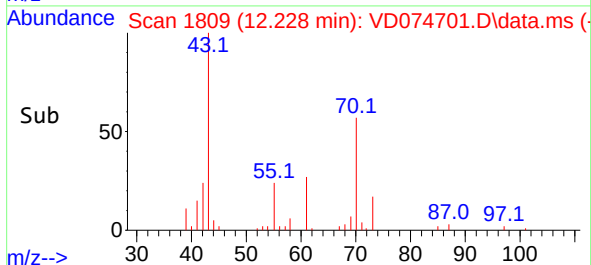
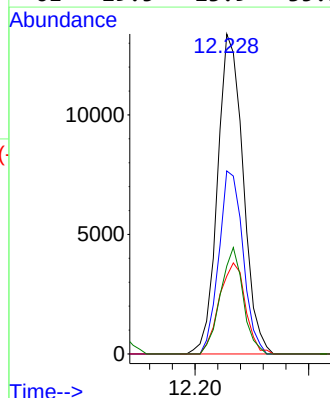
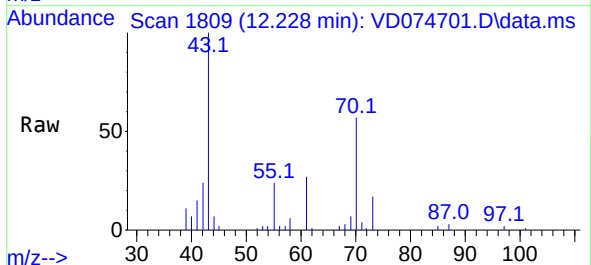
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

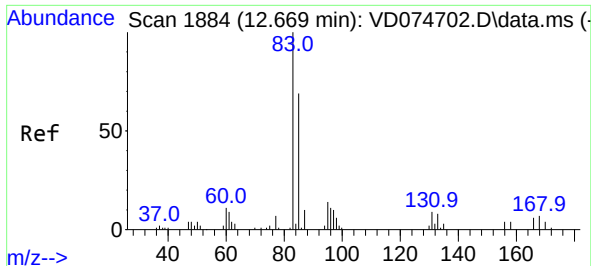
Tgt Ion:105 Resp: 128955
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 19.438 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 43 Resp: 20920
Ion Ratio Lower Upper
43 100
70 54.0 43.8 65.6
55 29.0 22.0 33.0
61 29.5 23.9 35.9

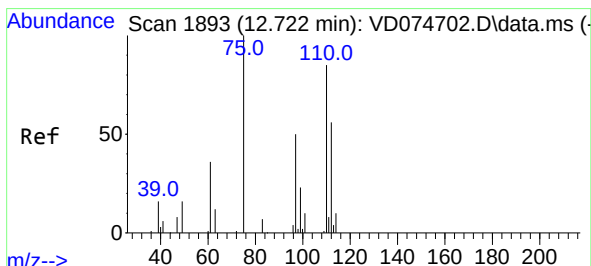
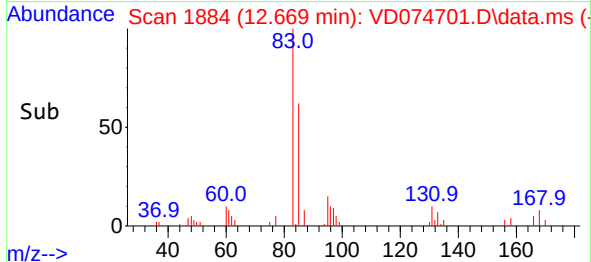
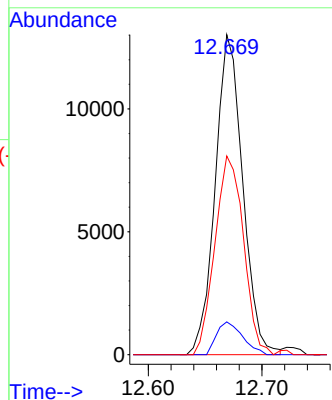
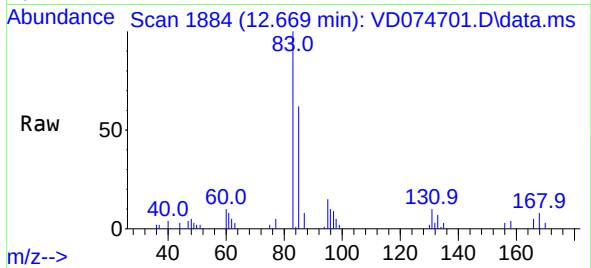




#75
1,1,2,2-Tetrachloroethane
Concen: 19.667 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

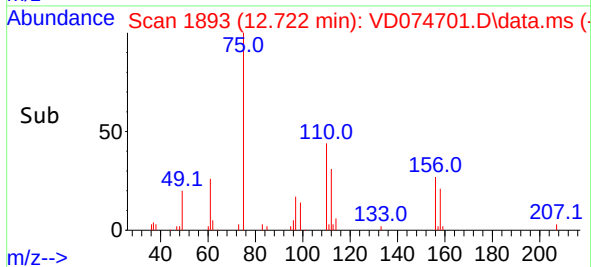
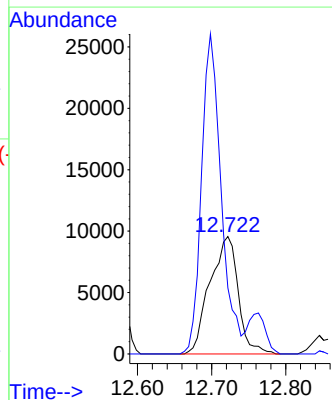
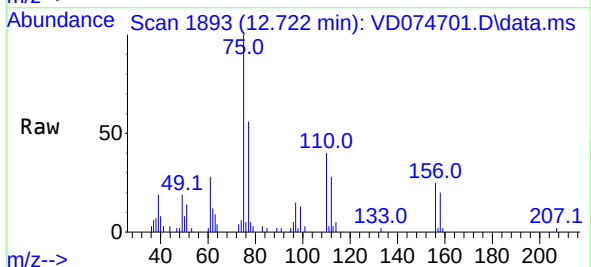
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

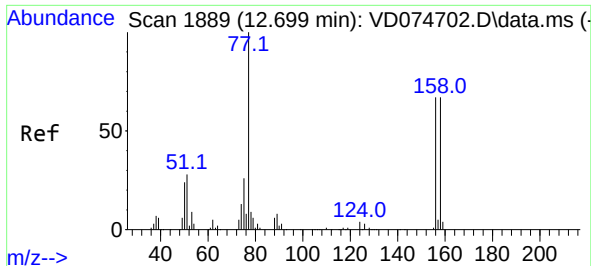
Tgt Ion: 83 Resp: 21898
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 64.4 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 35.727 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 75 Resp: 25372
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

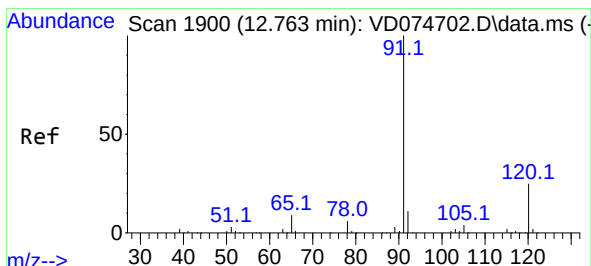
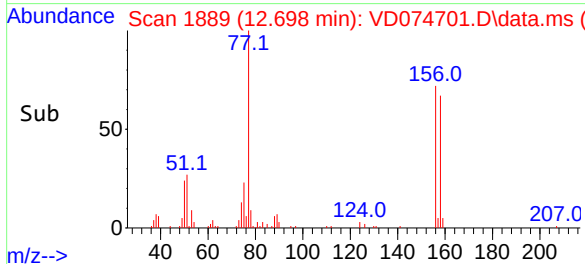
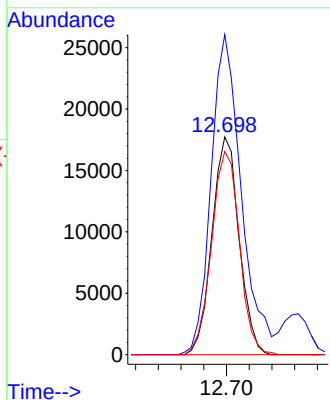
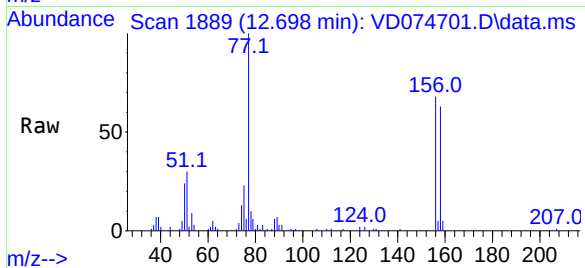




#77
Bromobenzene
Concen: 19.229 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

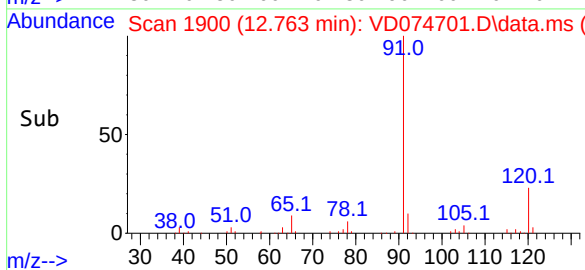
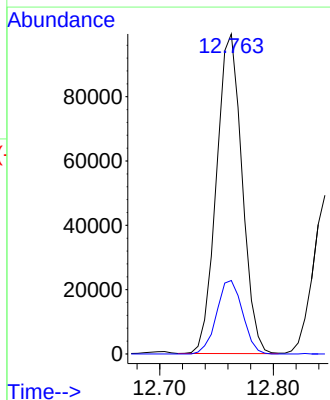
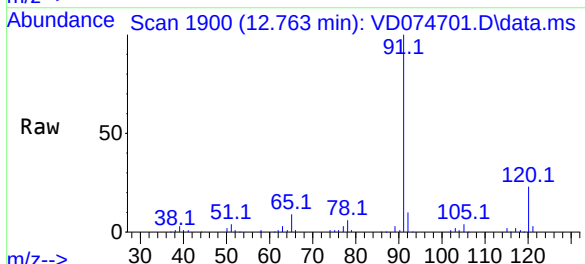
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

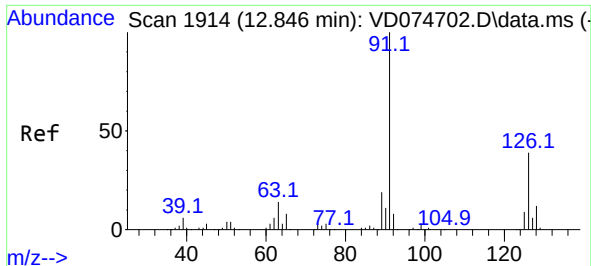
Tgt Ion:156 Resp: 29338
Ion Ratio Lower Upper
156 100
77 163.5 77.7 233.1
158 96.1 49.4 148.2



#78
n-propylbenzene
Concen: 19.622 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 91 Resp: 155755
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.7





#79

2-Chlorotoluene

Concen: 19.442 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

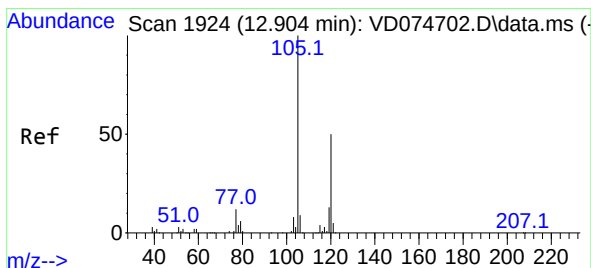
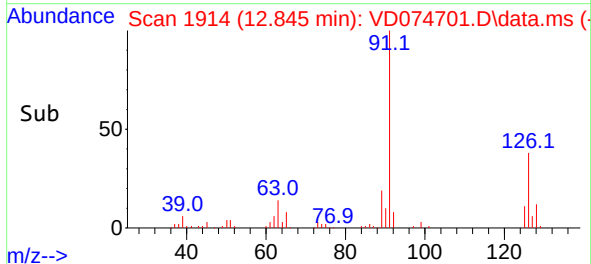
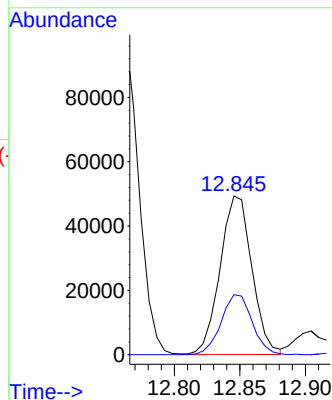
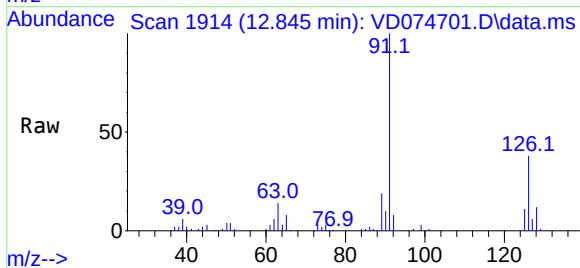
VSTDICC020

Tgt Ion: 91 Resp: 83100

Ion Ratio Lower Upper

91 100

126 37.0 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 19.531 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD074701.D

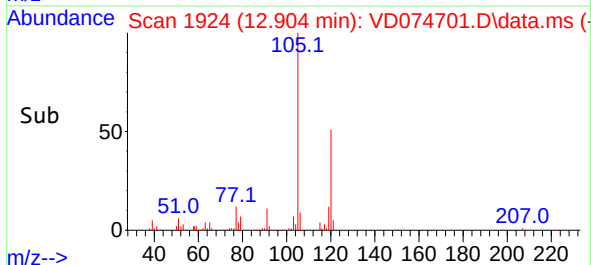
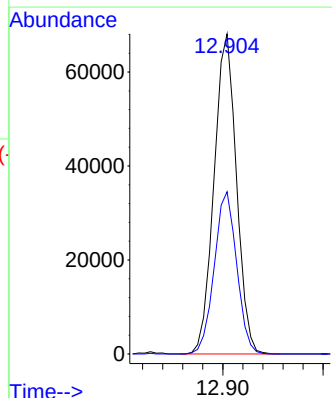
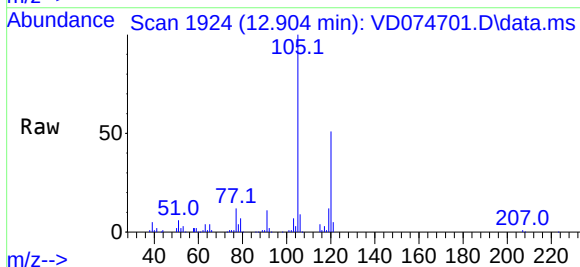
Acq: 02 Nov 2022 13:29

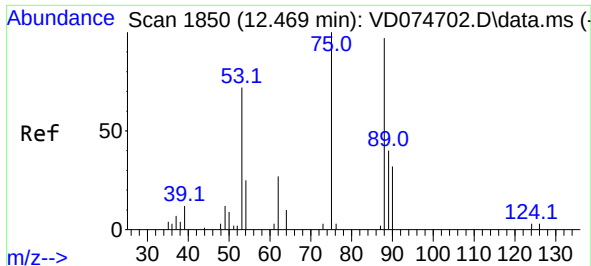
Tgt Ion: 105 Resp: 105585

Ion Ratio Lower Upper

105 100

120 50.6 25.7 77.0



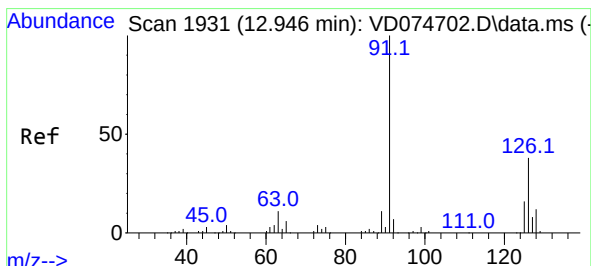
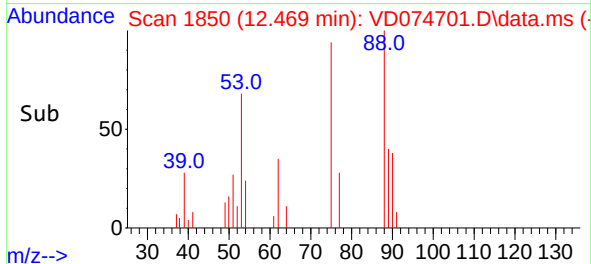
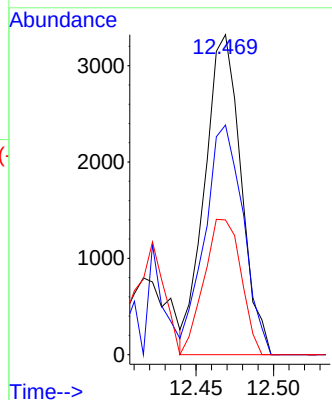
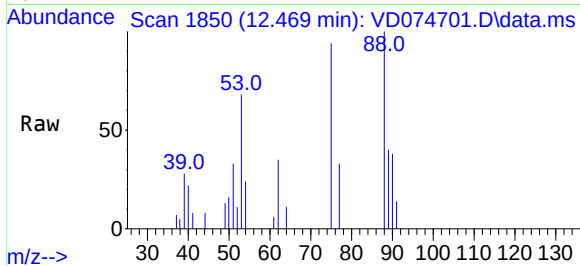


#81
trans-1,4-Dichloro-2-butene
Concen: 18.201 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5391

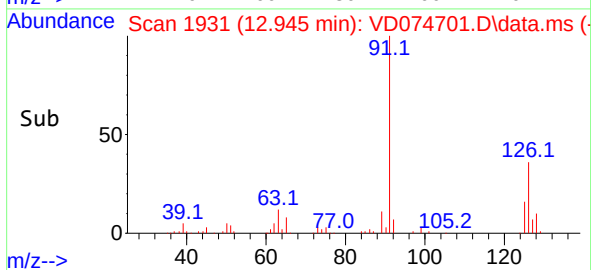
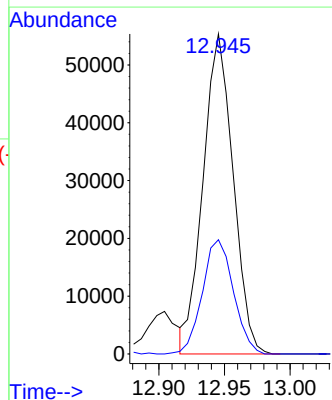
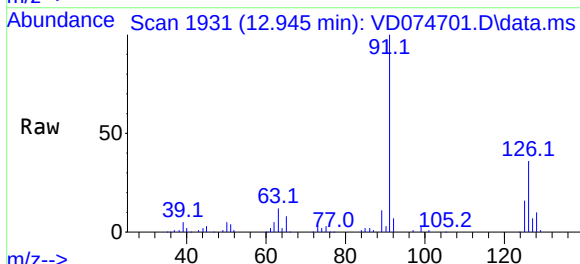
Ion	Ratio	Lower	Upper
75	100		
53	75.9	63.8	95.6
89	43.2	38.2	57.4

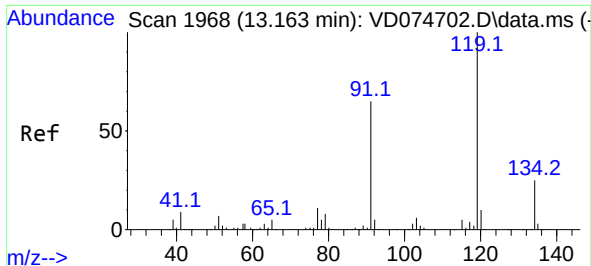


#82
4-Chlorotoluene
Concen: 19.838 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 91 Resp: 88194

Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.8	56.4

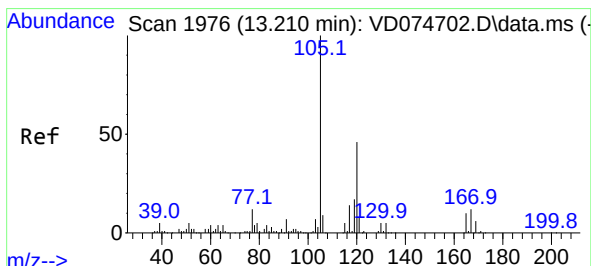
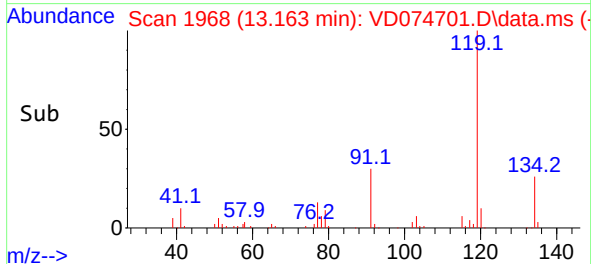
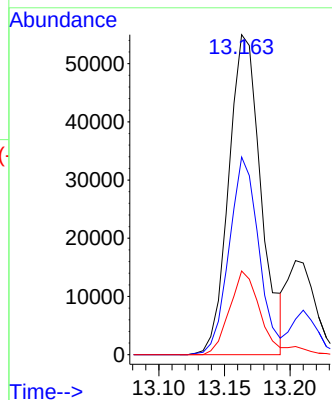
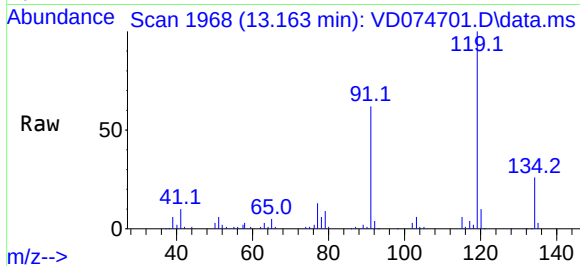




#83
tert-Butylbenzene
Concen: 19.769 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

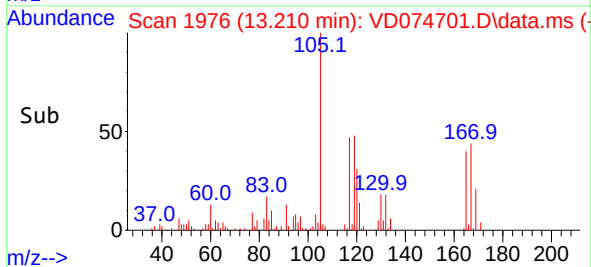
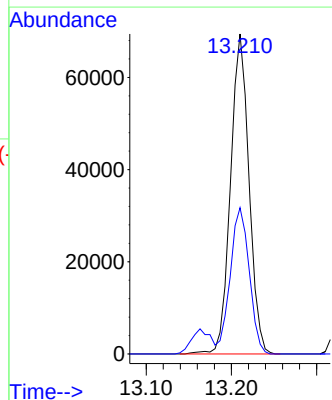
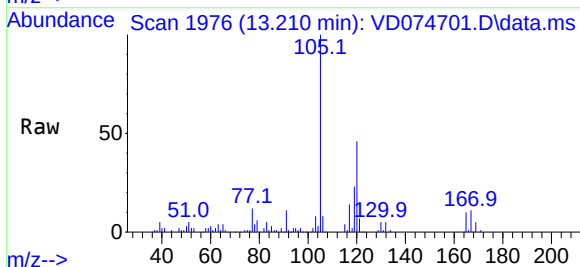
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

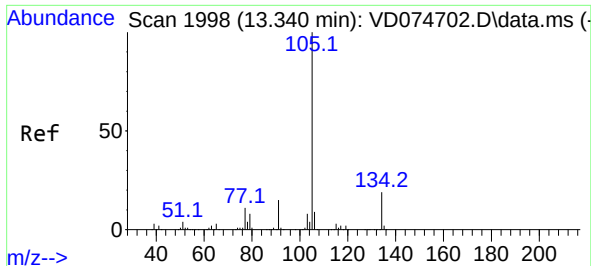
Tgt Ion:119 Resp: 94181
Ion Ratio Lower Upper
119 100
91 56.8 30.0 90.0
134 25.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.569 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:105 Resp: 104389
Ion Ratio Lower Upper
105 100
120 47.1 22.9 68.7

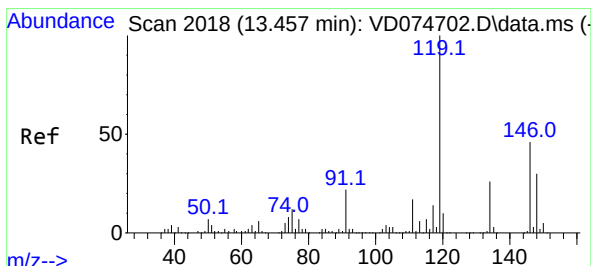
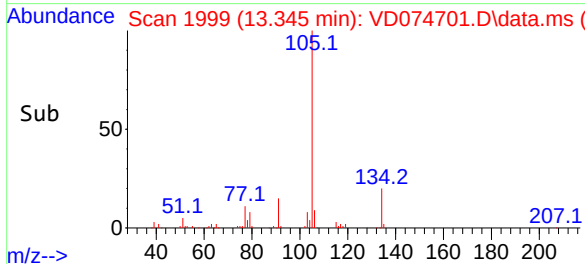
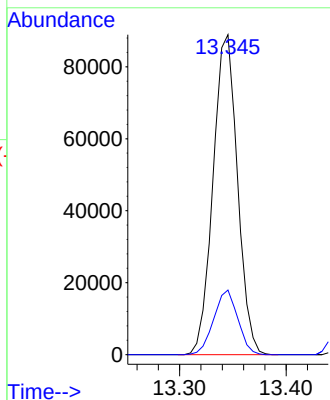
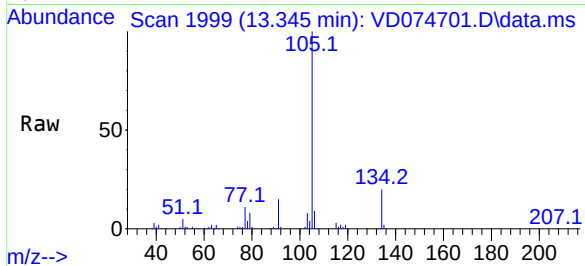




#85
 sec-Butylbenzene
 Concen: 19.703 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.006 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

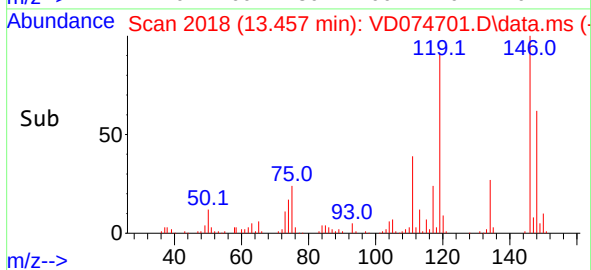
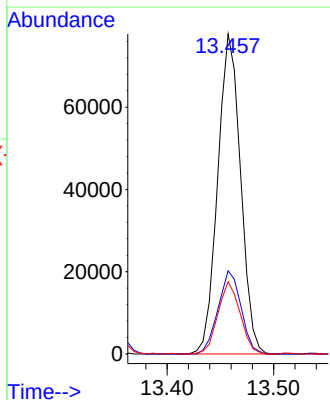
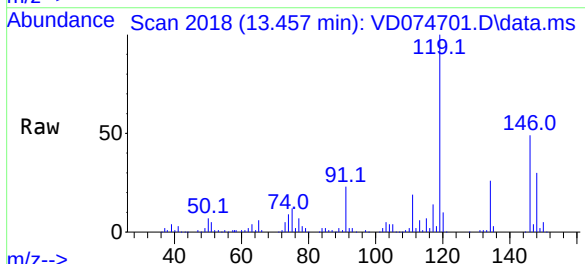
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

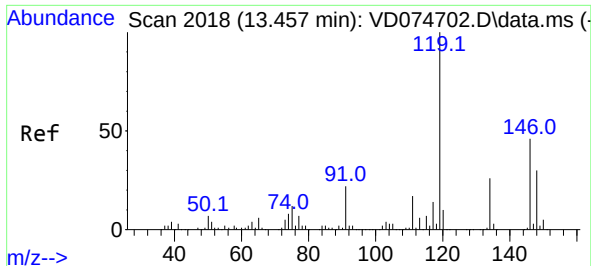
Tgt Ion:105 Resp: 141619
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.115 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074701.D
 Acq: 02 Nov 2022 13:29

Tgt Ion:119 Resp: 115712
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.4
 91 22.0 10.8 32.4

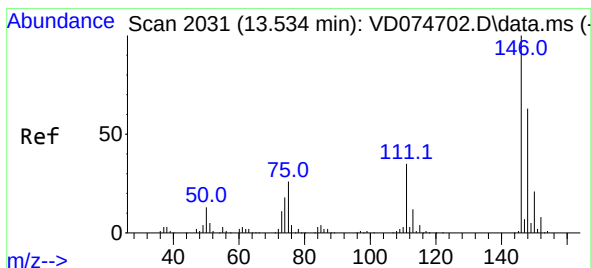
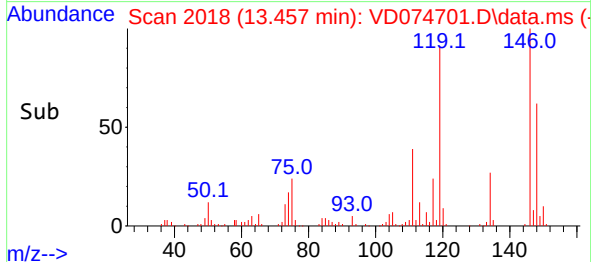
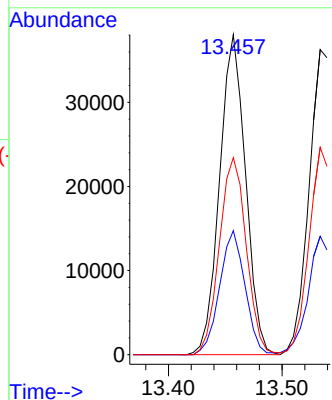
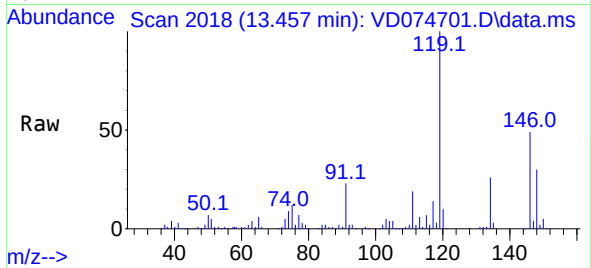




#87
1,3-Dichlorobenzene
Concen: 19.082 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

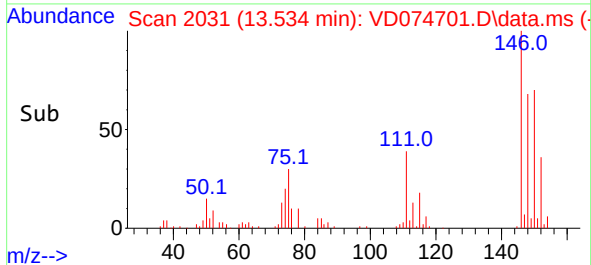
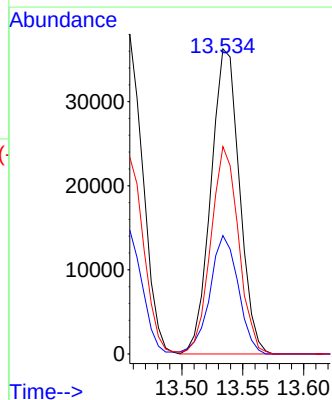
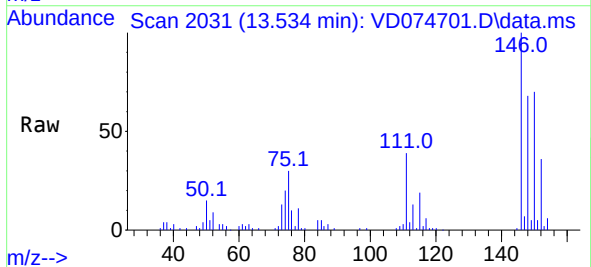
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

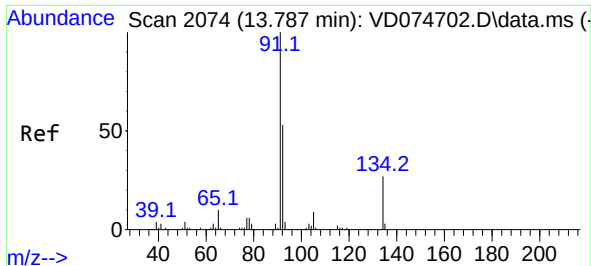
Tgt Ion:146 Resp: 60367
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 64.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 19.044 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:146 Resp: 59226
Ion Ratio Lower Upper
146 100
111 38.7 17.7 53.1
148 66.0 32.3 96.9

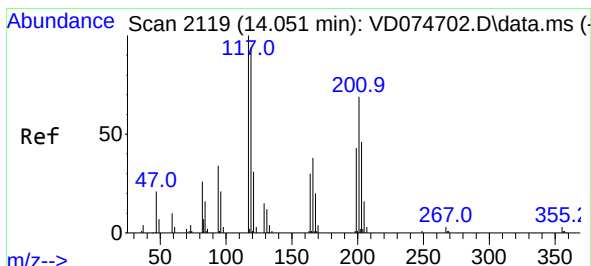
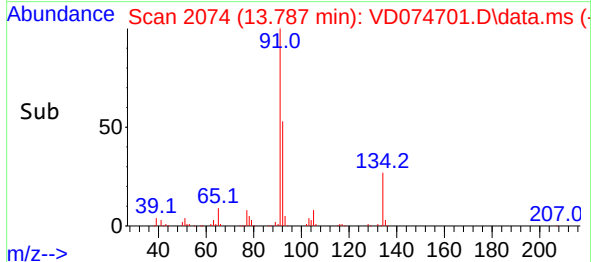
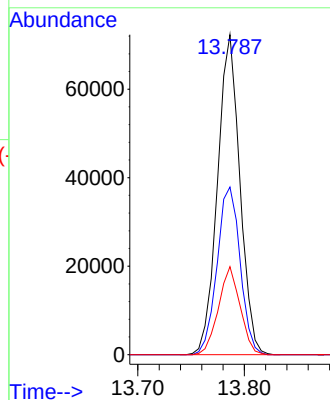
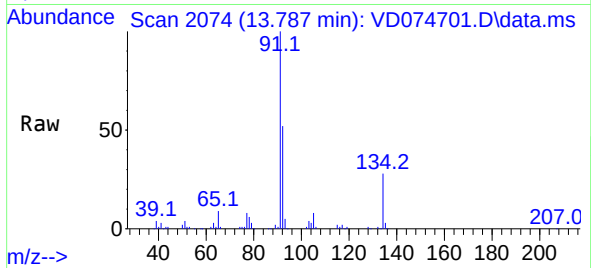




#89
n-Butylbenzene
Concen: 19.064 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

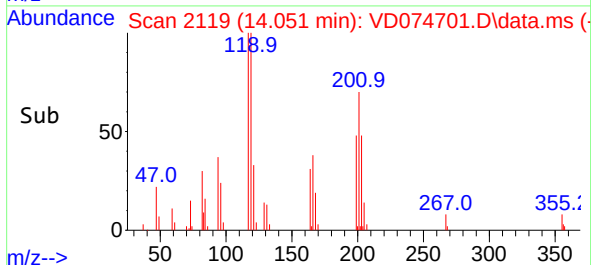
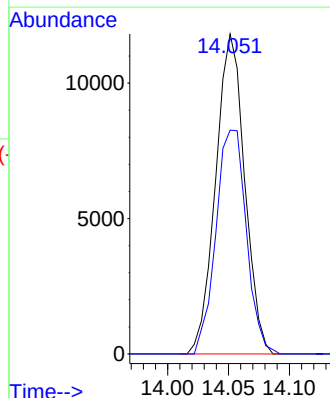
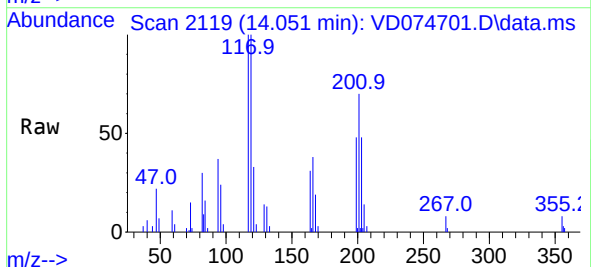
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

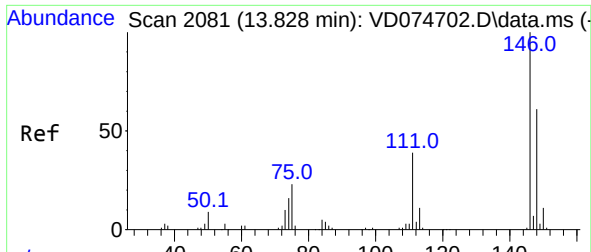
Tgt Ion: 91 Resp: 105544
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 18.848 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion: 117 Resp: 19561
Ion Ratio Lower Upper
117 100
201 73.5 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 19.087 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

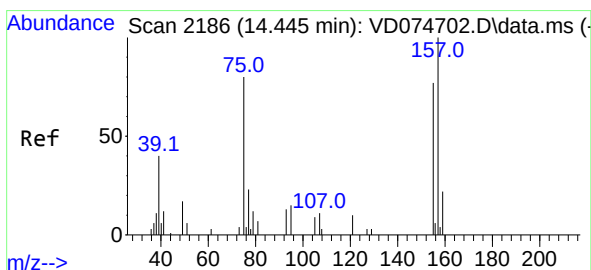
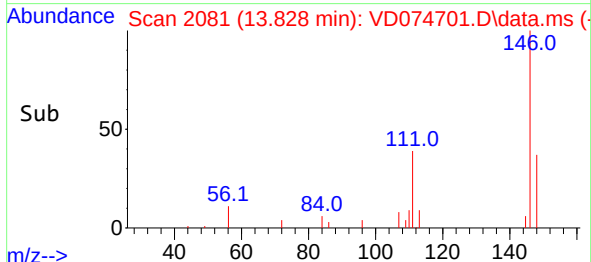
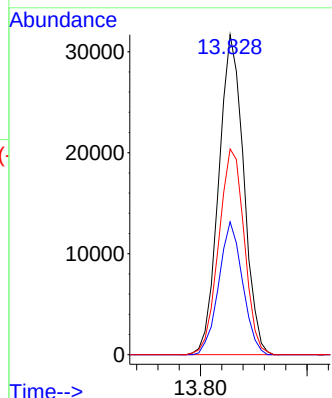
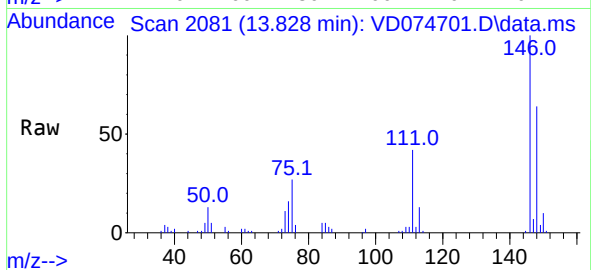
Tgt Ion:146 Resp: 51431

Ion Ratio Lower Upper

146 100

111 39.7 18.9 56.5

148 66.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.818 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD074701.D

Acq: 02 Nov 2022 13:29

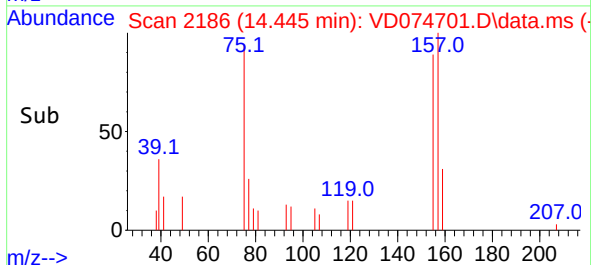
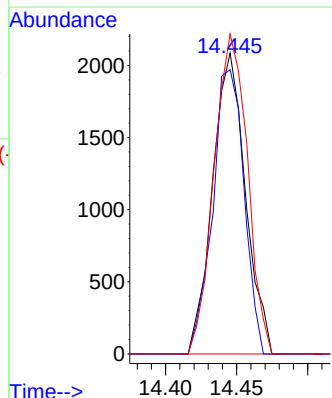
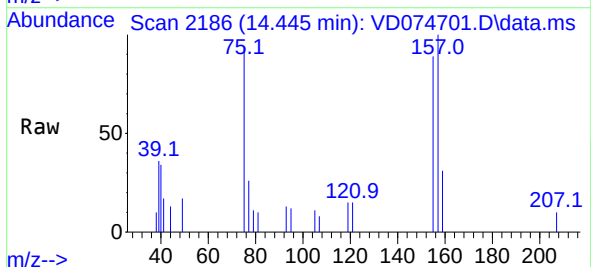
Tgt Ion: 75 Resp: 3358

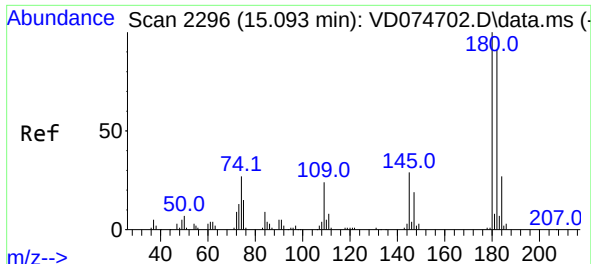
Ion Ratio Lower Upper

75 100

155 90.4 51.2 153.8

157 107.8 68.2 204.5

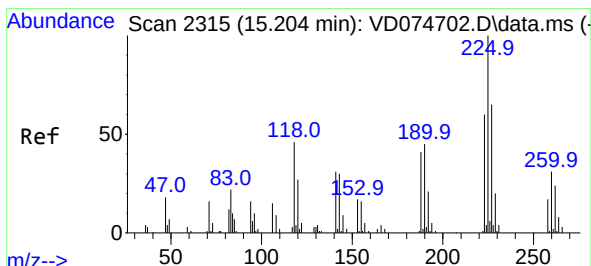
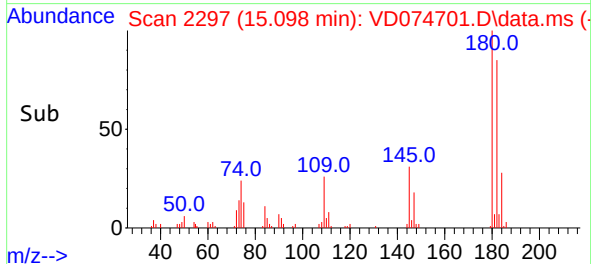
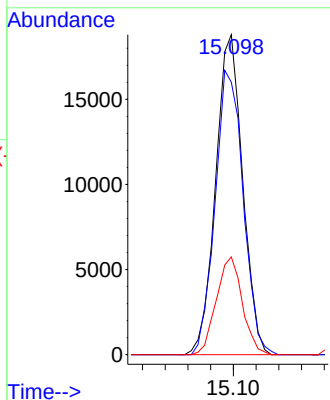
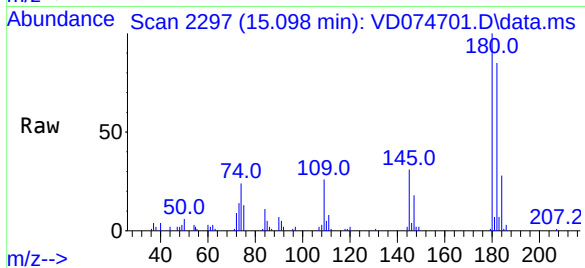




#93
1,2,4-Trichlorobenzene
Concen: 18.645 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

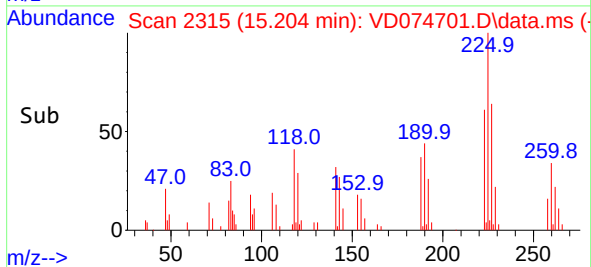
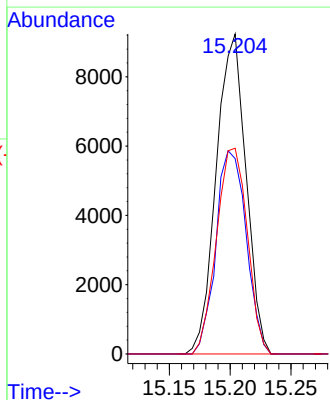
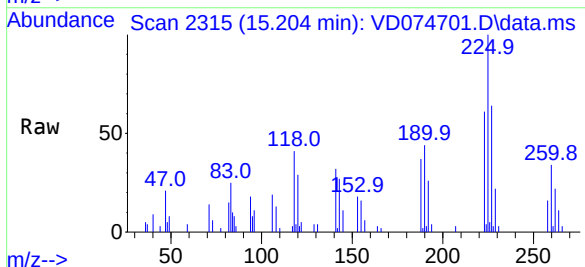
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

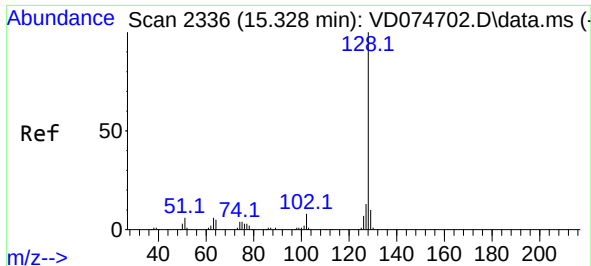
Tgt Ion:180 Resp: 31021
Ion Ratio Lower Upper
180 100
182 92.2 46.9 140.6
145 29.4 14.1 42.3



#94
Hexachlorobutadiene
Concen: 18.045 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:225 Resp: 15705
Ion Ratio Lower Upper
225 100
223 64.7 31.9 95.5
227 66.5 32.6 97.8

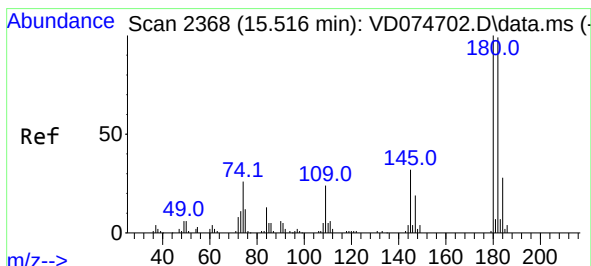
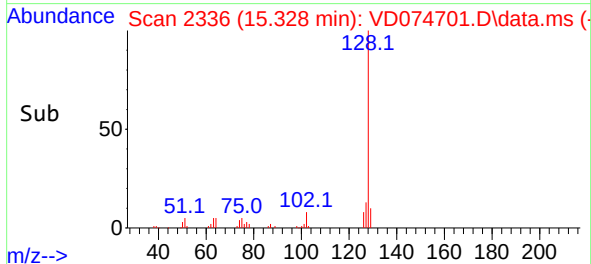
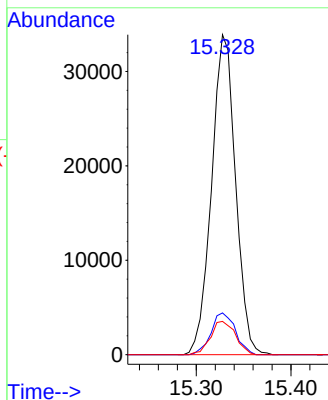
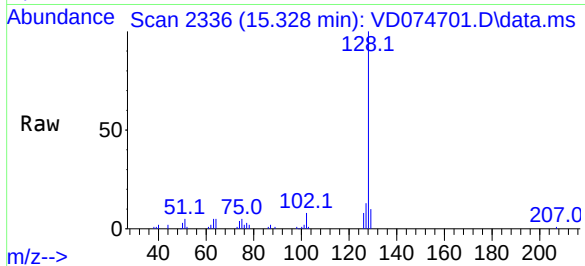




#95
Naphthalene
Concen: 18.648 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:	128	Resp:	59593
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.9	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 18.862 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074701.D
Acq: 02 Nov 2022 13:29

Tgt Ion:	180	Resp:	27614
Ion	Ratio	Lower	Upper
180	100		
182	91.7	46.7	140.1
145	30.2	14.9	44.7

