

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074434.D
 Acq On : 26 Sep 2022 22:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 27 04:12:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	53384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	85802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	77174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	23539	51.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.440%
35) Dibromofluoromethane	7.804	113	29334	50.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.700%
50) Toluene-d8	10.269	98	99126	50.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.569	95	32691	47.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.420%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	18528	42.269	ug/l	97
3) Chloromethane	2.146	50	20405	54.743	ug/l	96
4) Vinyl Chloride	2.281	62	16852	44.813	ug/l	98
5) Bromomethane	2.681	94	11991	41.491	ug/l	96
6) Chloroethane	2.828	64	12606	48.938	ug/l	100
7) Trichlorofluoromethane	3.169	101	38359	44.230	ug/l	98
8) Diethyl Ether	3.593	74	13944	54.539	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.958	101	28766	48.889	ug/l	99
10) Methyl Iodide	4.164	142	24912	40.705	ug/l	97
11) Tert butyl alcohol	5.046	59	13196	290.018	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	25455	45.855	ug/l	96
13) Acrolein	3.793	56	6586	206.506	ug/l	91
14) Allyl chloride	4.558	41	27513	48.066	ug/l	97
15) Acrylonitrile	5.252	53	30002	276.649	ug/l	99
16) Acetone	4.022	43	19003	213.131	ug/l	96
17) Carbon Disulfide	4.269	76	57534	47.186	ug/l	96
18) Methyl Acetate	4.558	43	12992	50.658	ug/l	96
19) Methyl tert-butyl Ether	5.311	73	66341	55.601	ug/l	96
20) Methylene Chloride	4.799	84	37034	55.271	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	29917	50.706	ug/l	88
22) Diisopropyl ether	6.216	45	66045	50.450	ug/l	93
23) Vinyl Acetate	6.158	43	126170	227.034	ug/l	99
24) 1,1-Dichloroethane	6.110	63	49720	50.426	ug/l	97
25) 2-Butanone	7.081	43	30208	247.256	ug/l	94
26) 2,2-Dichloropropane	7.069	77	41458	45.211	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	35285	50.389	ug/l	99
28) Bromochloromethane	7.422	49	17514	55.757	ug/l	97
29) Tetrahydrofuran	7.446	42	18790	270.878	ug/l	98
30) Chloroform	7.593	83	56412	50.840	ug/l	97
31) Cyclohexane	7.875	56	35147	45.039	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	48365	50.784	ug/l	97
36) 1,1-Dichloropropene	8.010	75	36687	47.086	ug/l	99
37) Ethyl Acetate	7.163	43	14045	54.701	ug/l	95
38) Carbon Tetrachloride	7.993	117	37378	50.130	ug/l	96
39) Methylcyclohexane	9.269	83	42353	45.871	ug/l	96
40) Benzene	8.252	78	115790	50.340	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7630	49.278	ug/l	97
42) 1,2-Dichloroethane	8.322	62	30855	53.467	ug/l	99
43) Isopropyl Acetate	8.363	43	26600	53.287	ug/l	99
44) Trichloroethene	9.028	130	34371	48.855	ug/l	98
45) 1,2-Dichloropropane	9.304	63	28372	52.015	ug/l	90
46) Dibromomethane	9.393	93	16709	51.853	ug/l	97
47) Bromodichloromethane	9.587	83	40940	49.126	ug/l	100
48) Methyl methacrylate	9.381	41	12246	54.926	ug/l	98
49) 1,4-Dioxane	9.381	88	3693	1013.776	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	66981	261.104	ug/l	97
52) Toluene	10.334	92	74728	50.266	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	34812	50.259	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	42699	48.302	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	23862	53.189	ug/l	95
56) Ethyl methacrylate	10.593	69	26299	52.253	ug/l	98
57) 1,3-Dichloropropane	10.875	76	37230	50.899	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	20574	250.572	ug/l	97
59) 2-Hexanone	10.922	43	45326	261.788	ug/l	97
60) Dibromochloromethane	11.075	129	29794	53.024	ug/l	99
61) 1,2-Dibromoethane	11.181	107	22755	52.175	ug/l	99
64) Tetrachloroethene	10.810	164	27920	46.650	ug/l	94
65) Chlorobenzene	11.604	112	83249	49.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	31741	52.462	ug/l	97
67) Ethyl Benzene	11.681	91	145602	49.513	ug/l	95
68) m/p-Xylenes	11.793	106	119102	103.198	ug/l	97
69) o-Xylene	12.116	106	56680	52.963	ug/l	97
70) Styrene	12.134	104	98390	52.740	ug/l	99
71) Bromoform	12.298	173	18653	55.948	ug/l #	99
73) Isopropylbenzene	12.416	105	150046	47.703	ug/l	100
74) N-amyl acetate	12.228	43	23486	47.369	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27077	49.340	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	30553	92.197	ug/l #	1
77) Bromobenzene	12.698	156	36621	49.148	ug/l	97
78) n-propylbenzene	12.757	91	178830	47.258	ug/l	100
79) 2-Chlorotoluene	12.845	91	98616	48.286	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	126116	48.465	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6646	48.939	ug/l	97
82) 4-Chlorotoluene	12.945	91	102718	49.059	ug/l	99
83) tert-Butylbenzene	13.163	119	112254	47.667	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	125582	48.475	ug/l	99
85) sec-Butylbenzene	13.339	105	166479	47.234	ug/l	98
86) p-Isopropyltoluene	13.457	119	141126	47.906	ug/l	100
87) 1,3-Dichlorobenzene	13.451	146	75291	49.229	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	74160	48.441	ug/l	99
89) n-Butylbenzene	13.781	91	130809	47.890	ug/l	99
90) Hexachloroethane	14.045	117	25065	48.070	ug/l	98
91) 1,2-Dichlorobenzene	13.822	146	67124	50.334	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	3788	50.439	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	42663	47.243	ug/l	99
94) Hexachlorobutadiene	15.198	225	22548	45.558	ug/l	99
95) Naphthalene	15.328	128	81592	49.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	37238	48.086	ug/l	98

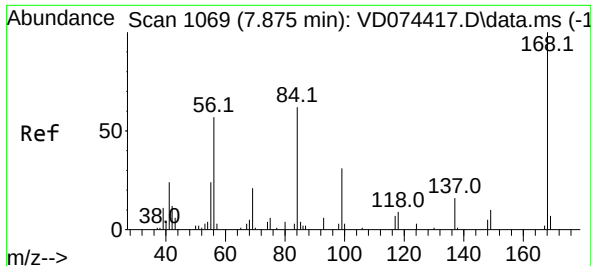
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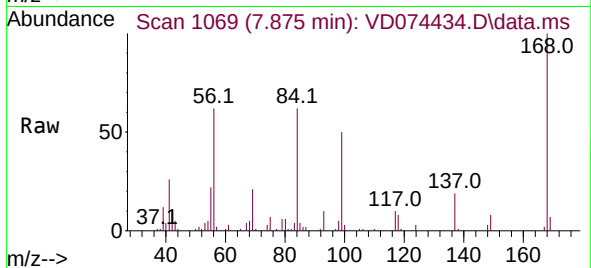
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

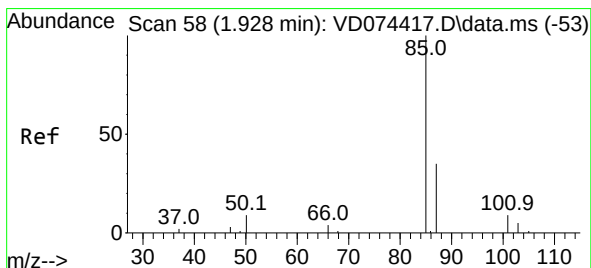
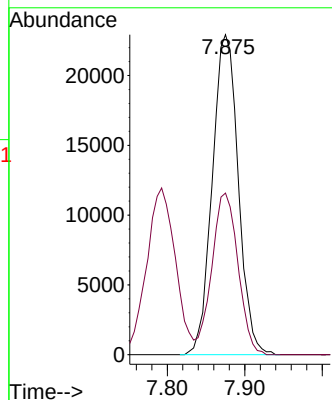
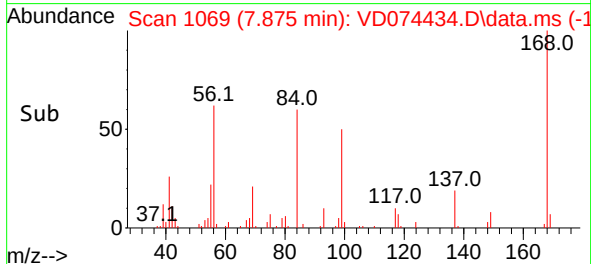


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074434.D
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MSVOA_D
ClientSampleId :

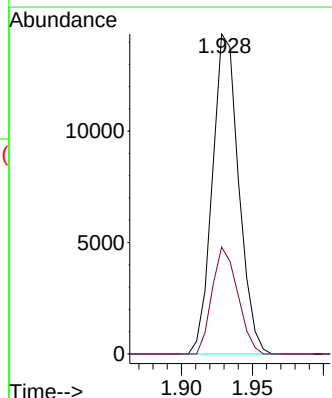
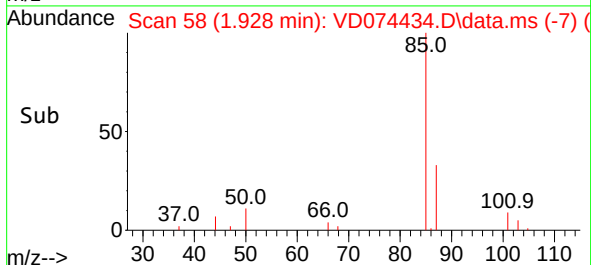
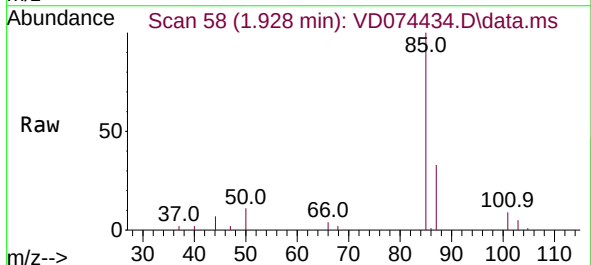


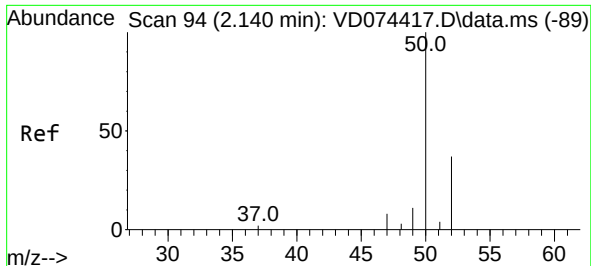
Tgt Ion:168 Resp: 53384
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 42.269 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 85 Resp: 18528
Ion Ratio Lower Upper
85 100
87 33.4 17.5 52.6

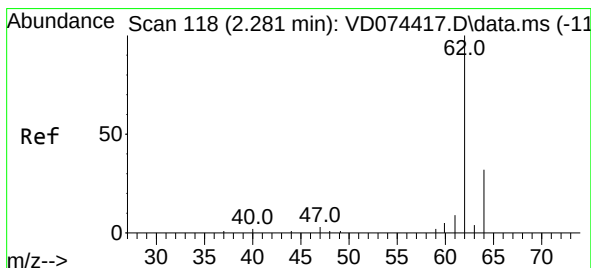
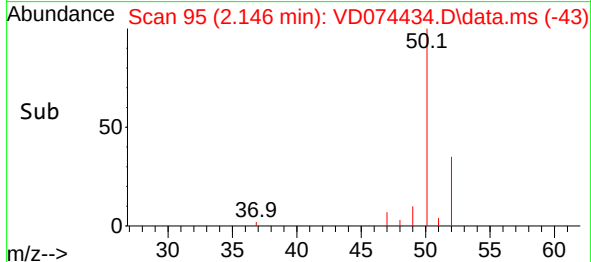
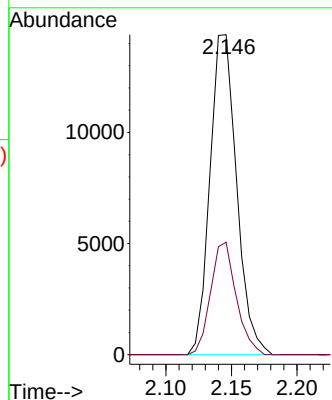
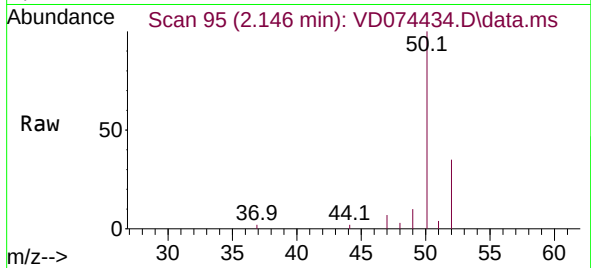




#3
Chloromethane
Concen: 54.743 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

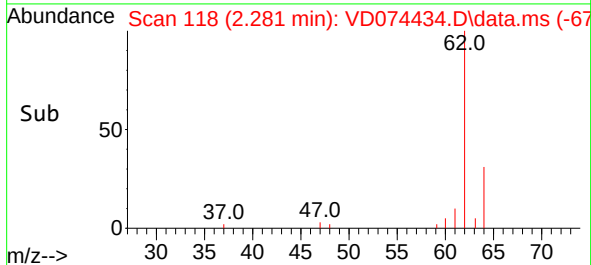
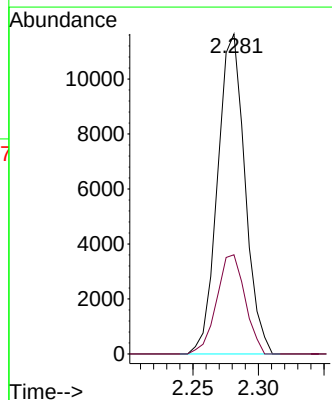
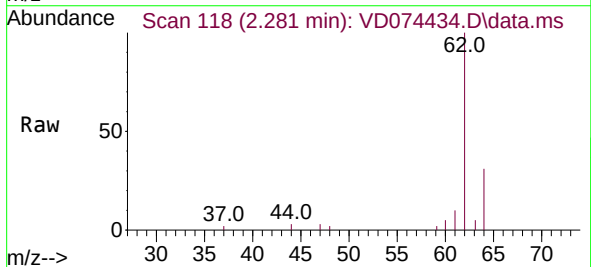
Instrument :
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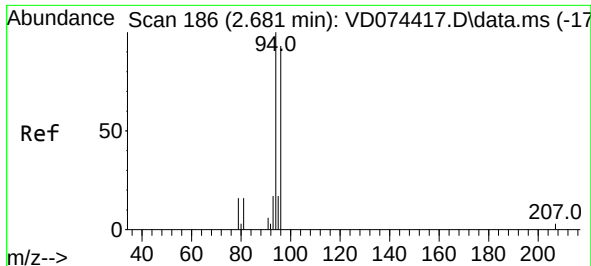
Tgt Ion: 50 Resp: 20405
Ion Ratio Lower Upper
50 100
52 35.2 30.0 45.0



#4
Vinyl Chloride
Concen: 44.813 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 62 Resp: 16852
Ion Ratio Lower Upper
62 100
64 31.0 25.5 38.3

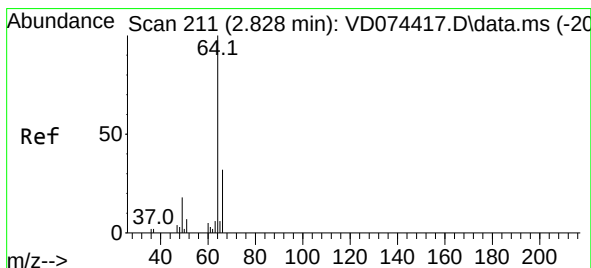
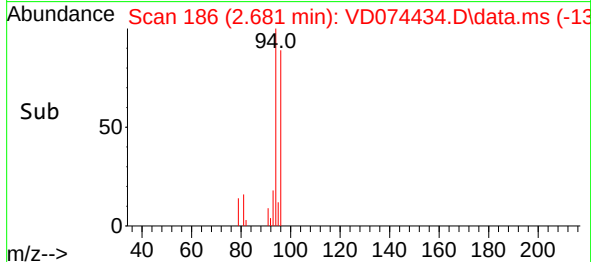
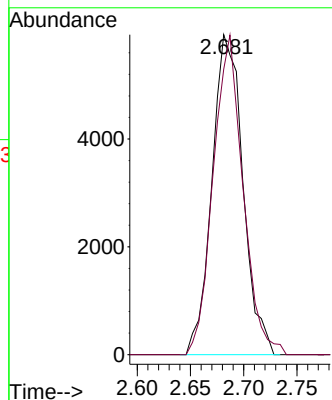
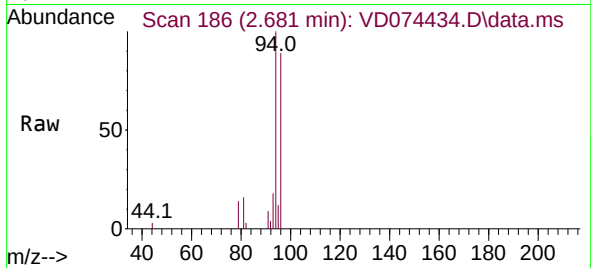




#5
Bromomethane
Concen: 41.491 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

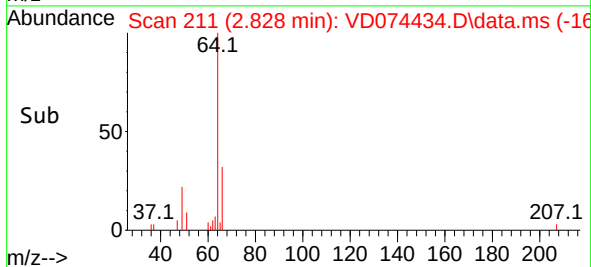
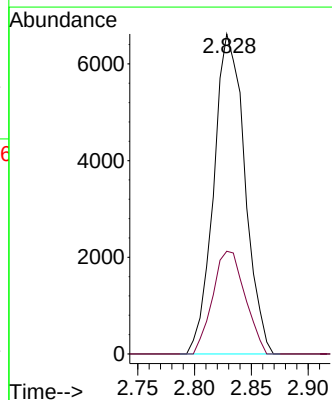
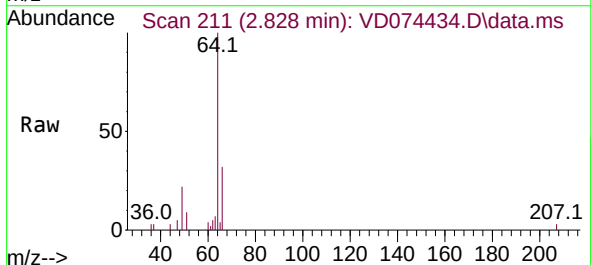
Instrument :
MSVOA_D
ClientSampleId :

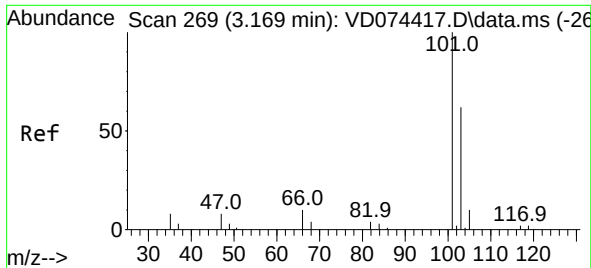
Tgt Ion: 94 Resp: 11991
Ion Ratio Lower Upper
94 100
96 89.2 74.6 112.0



#6
Chloroethane
Concen: 48.938 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 64 Resp: 12606
Ion Ratio Lower Upper
64 100
66 32.1 25.8 38.8

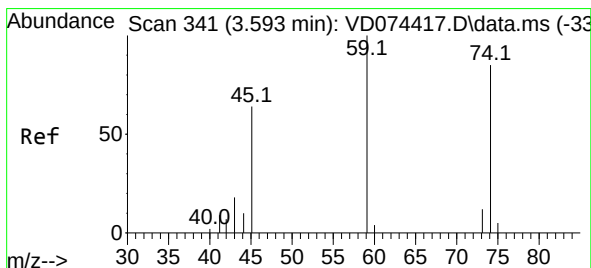
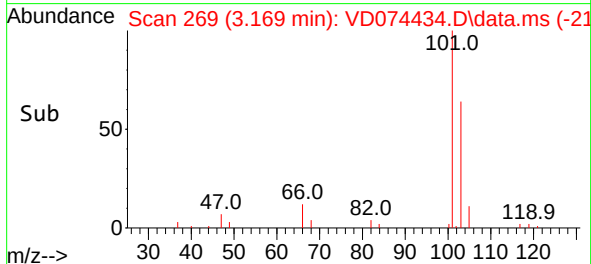
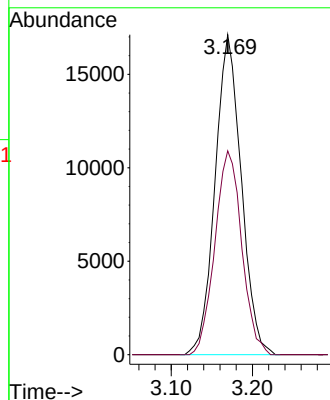
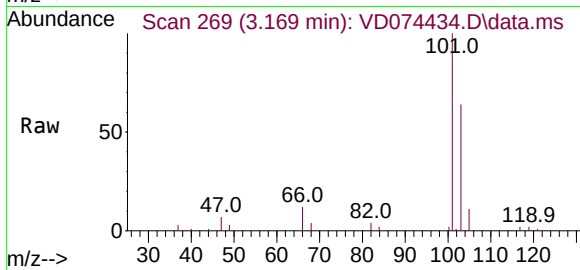




#7
 Trichlorofluoromethane
 Concen: 44.230 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD074434.D
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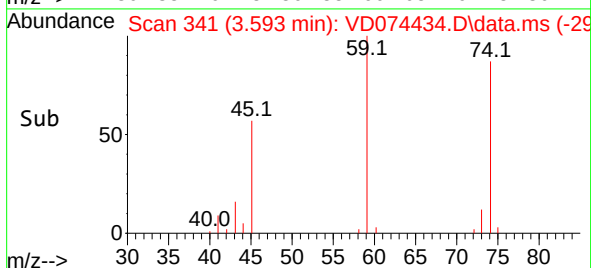
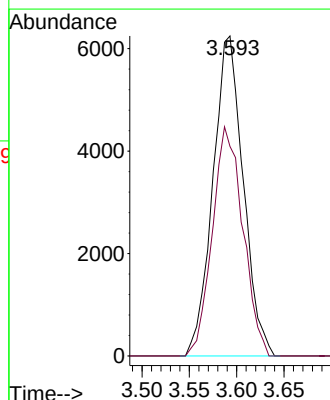
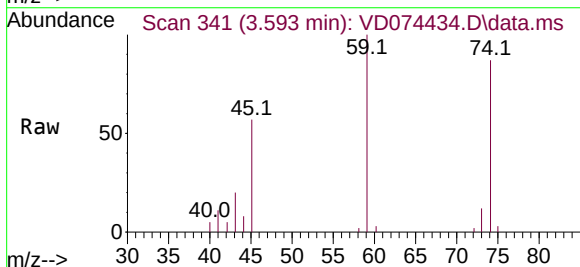
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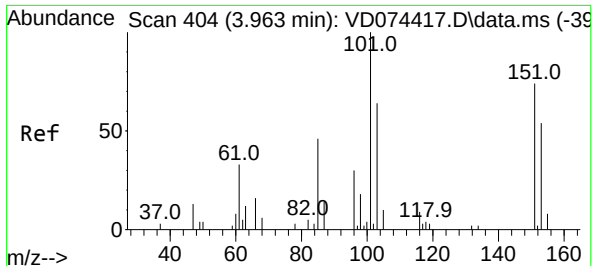
Tgt Ion:101 Resp: 38359
 Ion Ratio Lower Upper
 101 100
 103 63.7 49.8 74.8



#8
 Diethyl Ether
 Concen: 54.539 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion: 74 Resp: 13944
 Ion Ratio Lower Upper
 74 100
 45 71.9 37.9 113.6

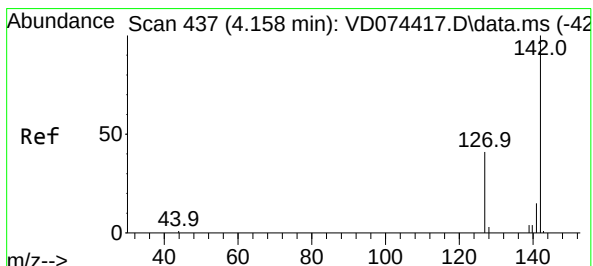
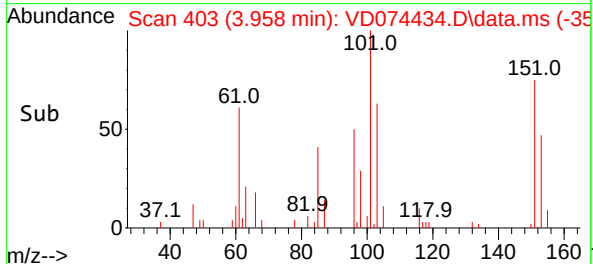
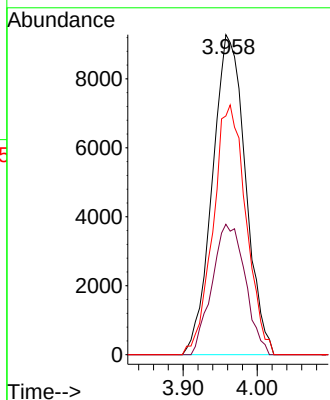
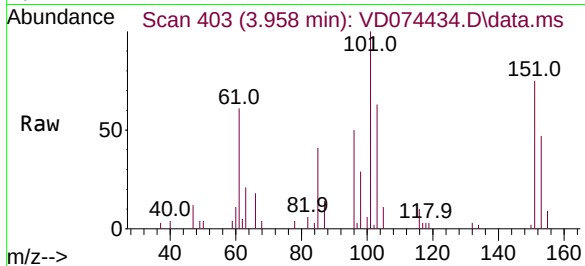




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.889 ug/l
 RT: 3.958 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

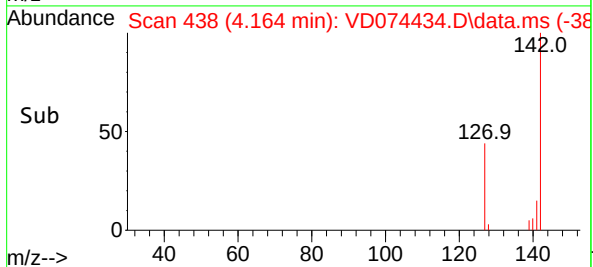
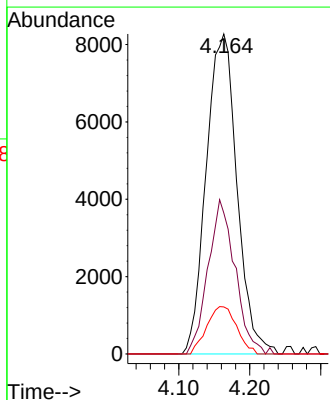
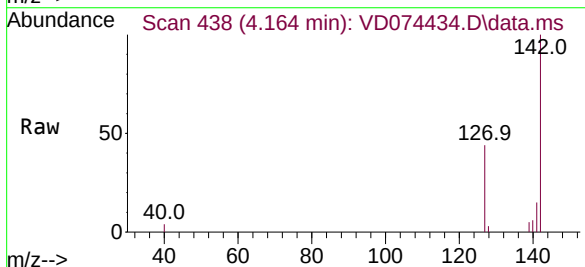
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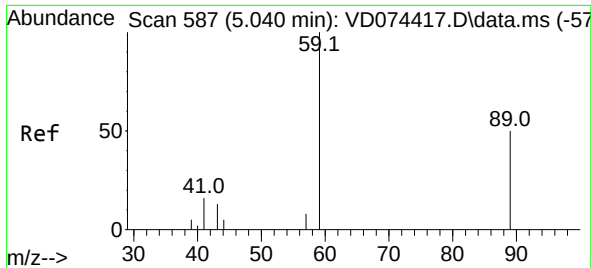
Tgt Ion:101	Resp:	28766
Ion	Ratio	Lower Upper
101	100	
85	40.8	34.1 51.1
151	77.6	61.7 92.5



#10
 Methyl Iodide
 Concen: 40.705 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.005 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion:142	Resp:	24912
Ion	Ratio	Lower Upper
142	100	
127	42.4	31.9 47.9
141	14.4	11.4 17.2

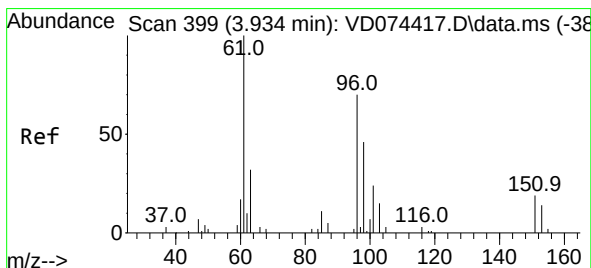
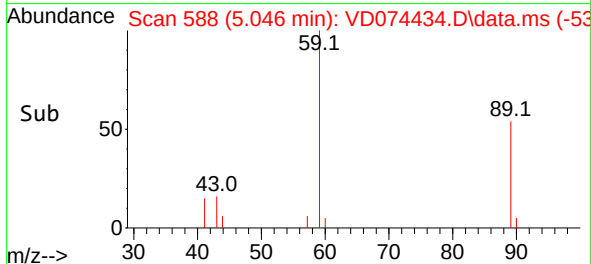
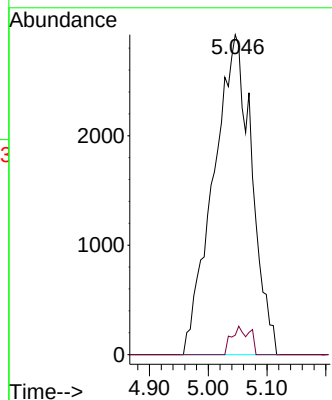
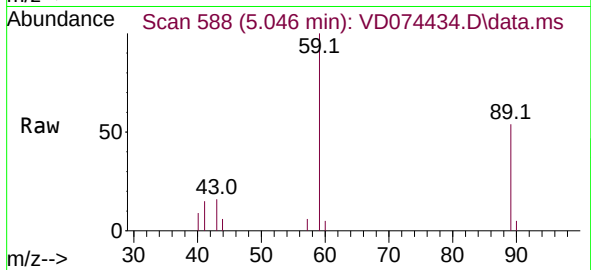




#11
Tert butyl alcohol
Concen: 290.018 ug/l
RT: 5.046 min Scan# 587
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

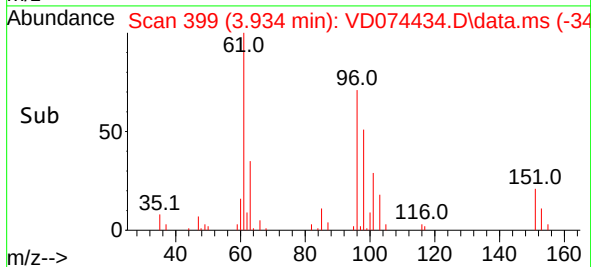
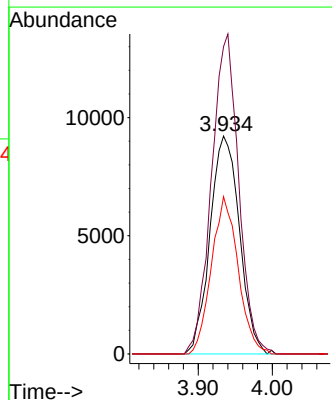
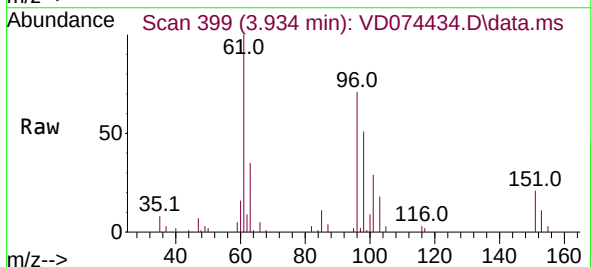
Instrument :
MSVOA_D
ClientSampleId :

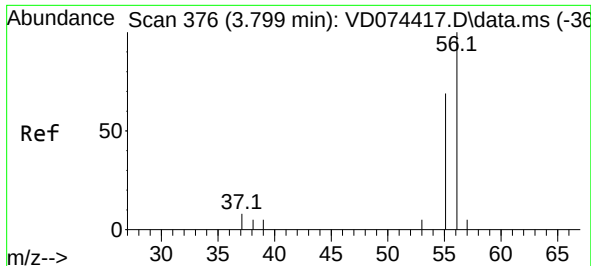
Tgt Ion: 59 Resp: 13196
Ion Ratio Lower Upper
59 100
57 4.2 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 45.855 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 96 Resp: 25455
Ion Ratio Lower Upper
96 100
61 141.0 113.9 170.9
98 72.2 51.8 77.8





#13

Acrolein

Concen: 206.506 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

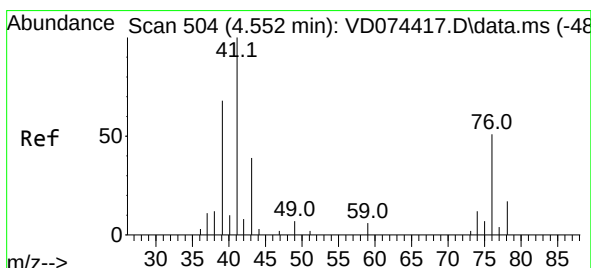
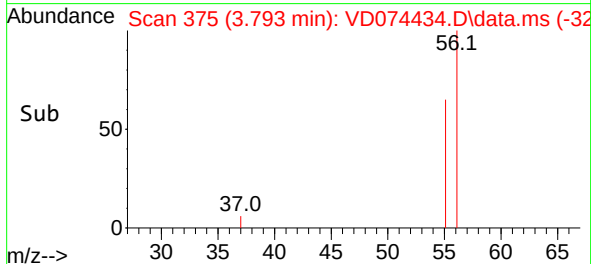
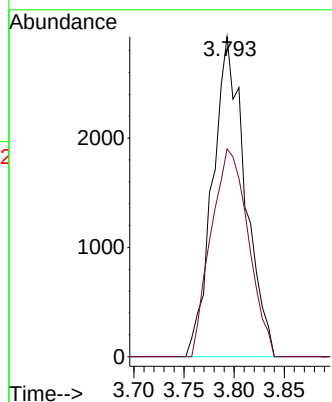
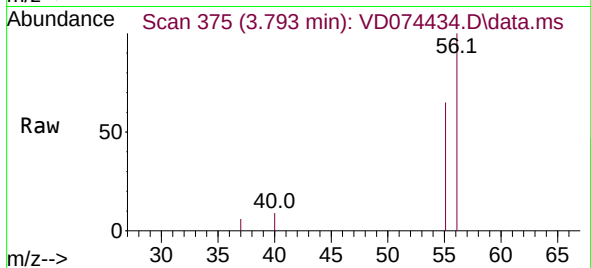
ClientSampleId :

Tgt Ion: 56 Resp: 6586

Ion Ratio Lower Upper

56 100

55 74.4 54.0 81.0



#14

Allyl chloride

Concen: 48.066 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

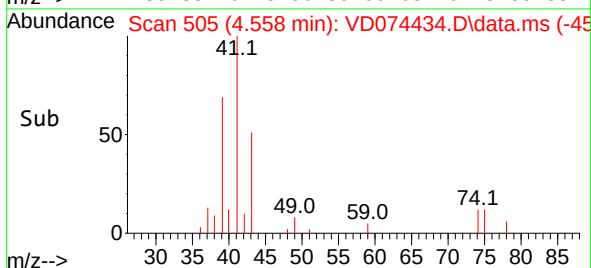
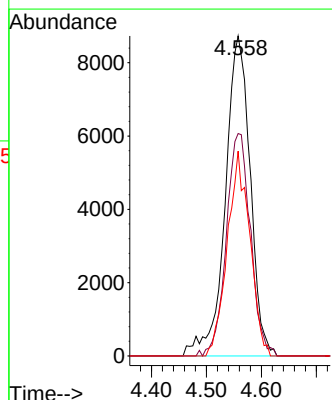
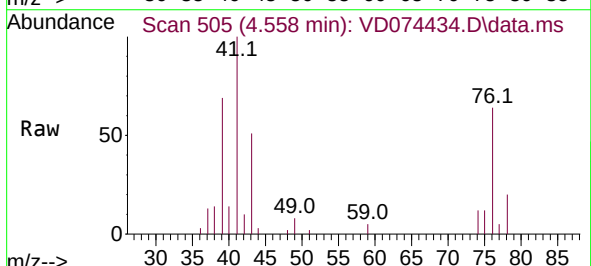
Tgt Ion: 41 Resp: 27513

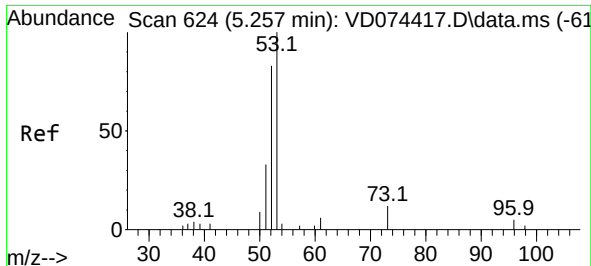
Ion Ratio Lower Upper

41 100

39 67.1 53.4 80.2

76 57.7 42.4 63.6

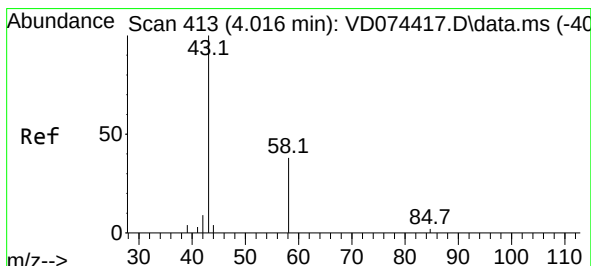
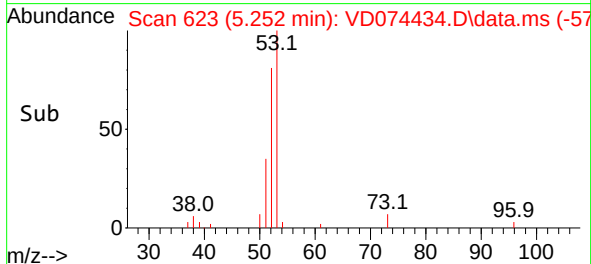
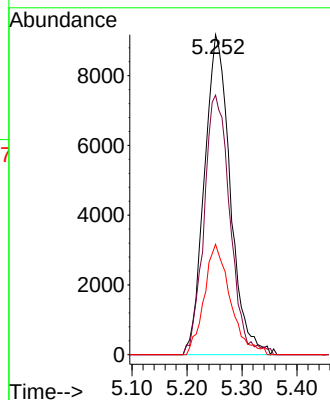
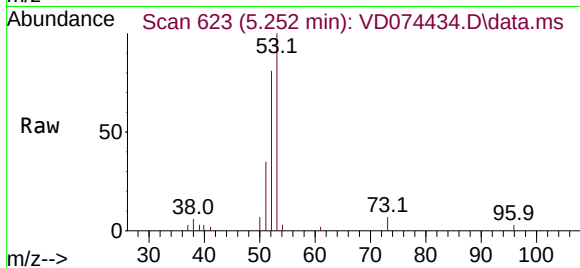




#15
Acrylonitrile
Concen: 276.649 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

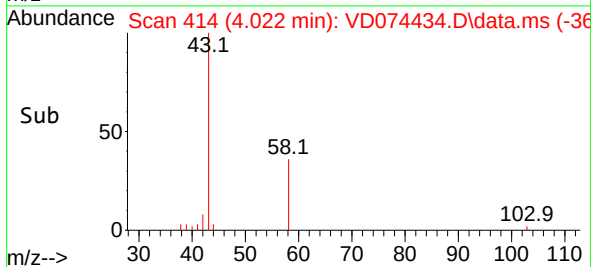
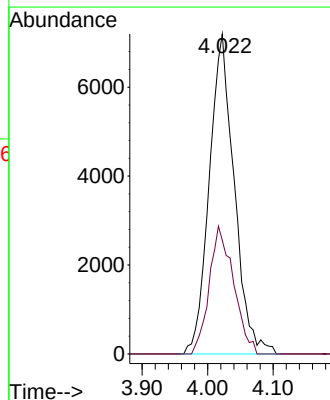
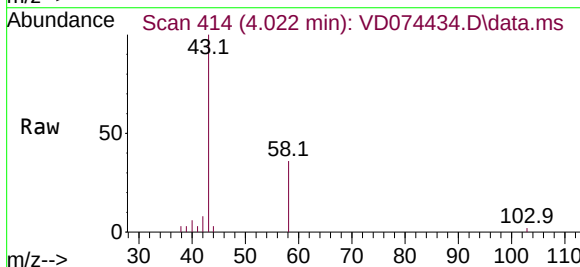
Instrument :
MSVOA_D
ClientSampleId :

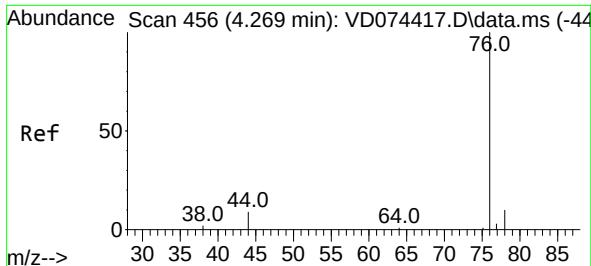
Tgt Ion:	53	Resp:	30002
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.0	99.0
51	34.8	28.3	42.5



#16
Acetone
Concen: 213.131 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:	43	Resp:	19003
Ion	Ratio	Lower	Upper
43	100		
58	35.5	30.2	45.2





#17

Carbon Disulfide

Concen: 47.186 ug/l

RT: 4.269 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

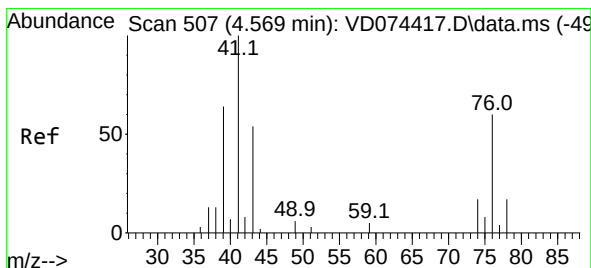
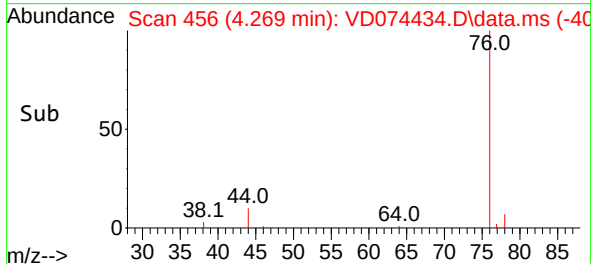
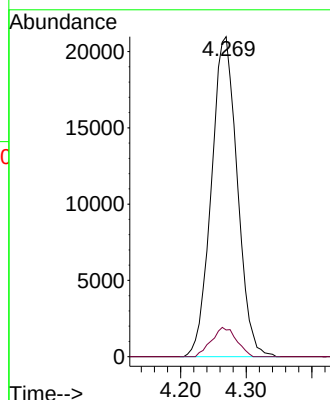
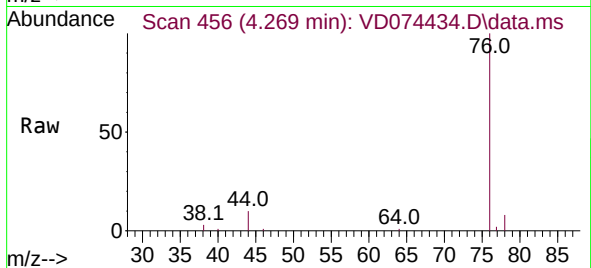
ClientSampleId :

Tgt Ion: 76 Resp: 57534

Ion Ratio Lower Upper

76 100

78 8.3 7.8 11.8



#18

Methyl Acetate

Concen: 50.658 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.011 min

Lab File: VD074434.D

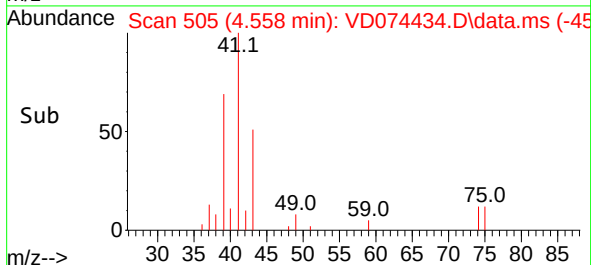
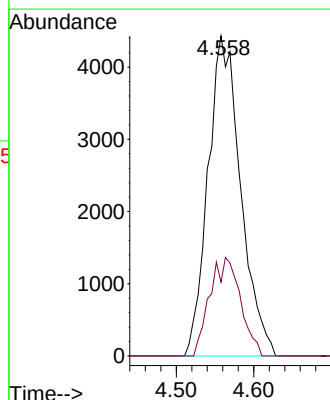
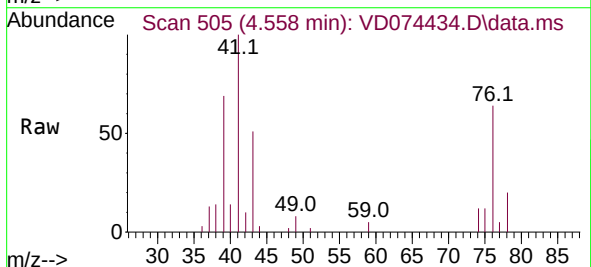
Acq: 26 Sep 2022 22:19

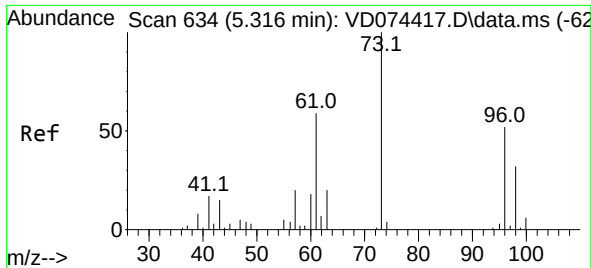
Tgt Ion: 43 Resp: 12992

Ion Ratio Lower Upper

43 100

74 28.9 24.7 37.1

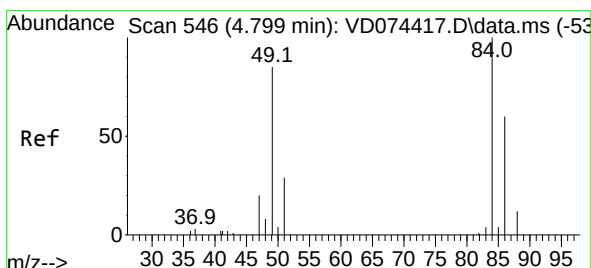
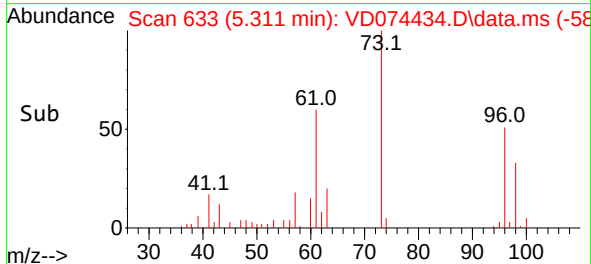
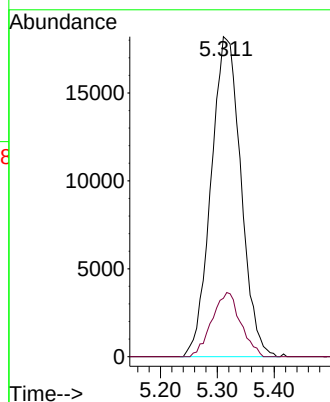
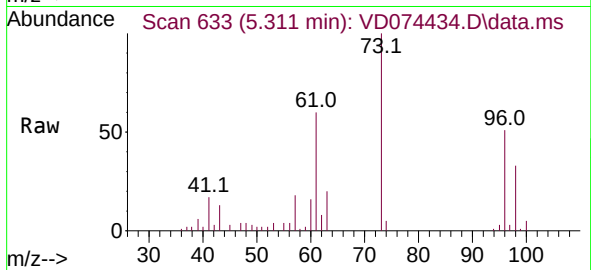




#19
Methyl tert-butyl Ether
Concen: 55.601 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

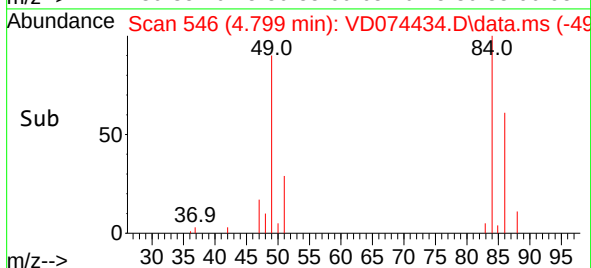
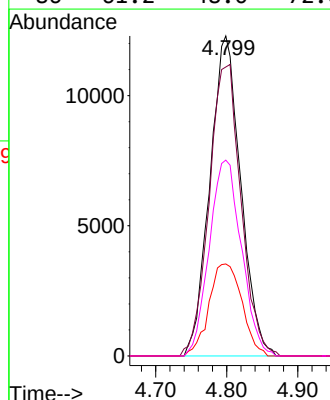
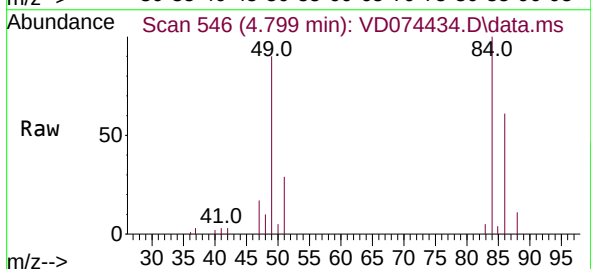
Instrument :
MSVOA_D
ClientSampleId :

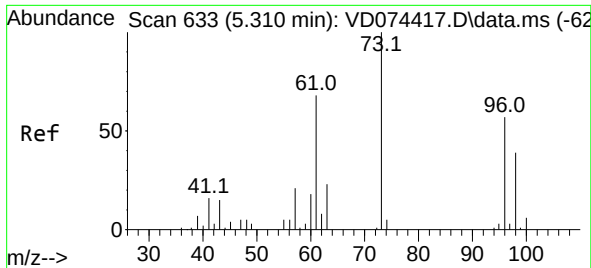
Tgt Ion: 73 Resp: 66341
Ion Ratio Lower Upper
73 100
57 18.3 16.1 24.1



#20
Methylene Chloride
Concen: 55.271 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

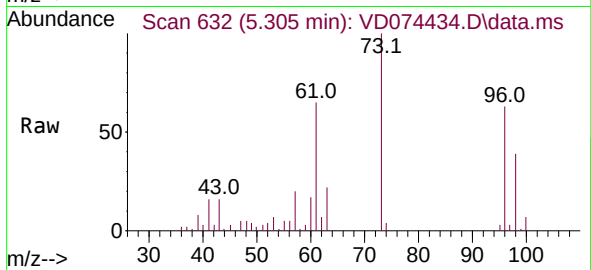
Tgt Ion: 84 Resp: 37034
Ion Ratio Lower Upper
84 100
49 90.3 68.0 102.0
51 28.7 23.2 34.8
86 61.2 48.0 72.0



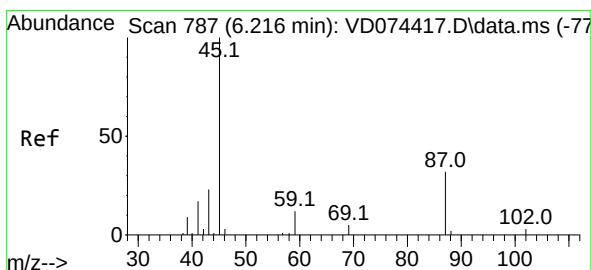
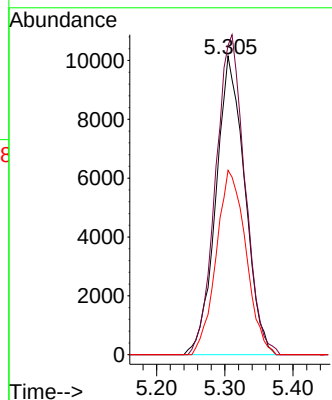
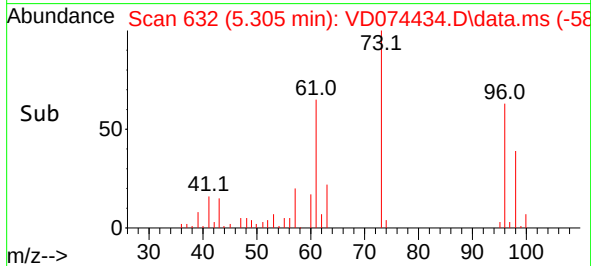


#21
trans-1,2-Dichloroethene
Concen: 50.706 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :

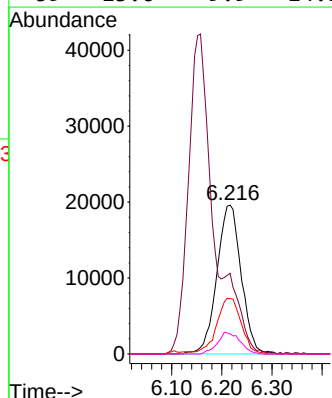
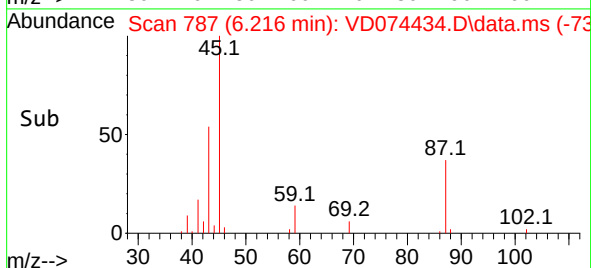
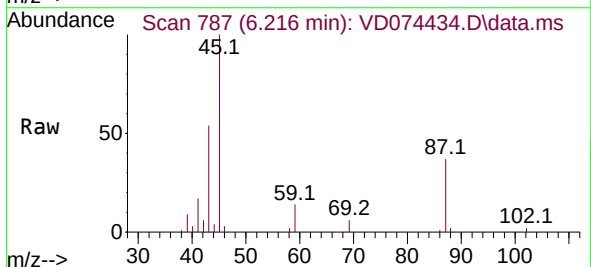


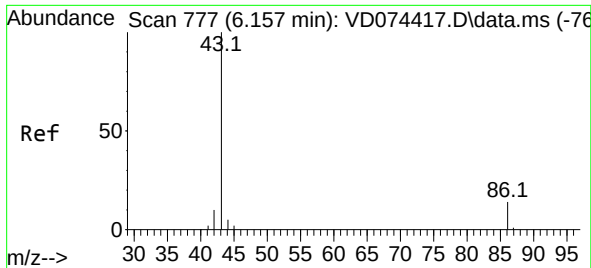
Tgt Ion: 96 Resp: 29917
Ion Ratio Lower Upper
96 100
61 103.5 95.7 143.5
98 61.7 54.8 82.2



#22
Diisopropyl ether
Concen: 50.450 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 45 Resp: 66045
Ion Ratio Lower Upper
45 100
43 53.2 37.8 56.6
87 37.3 26.6 40.0
59 13.6 9.9 14.9

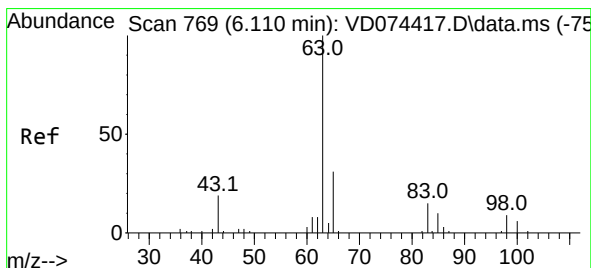
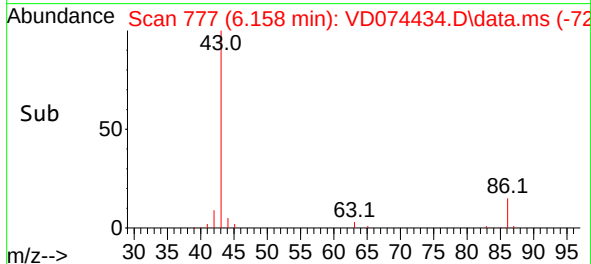
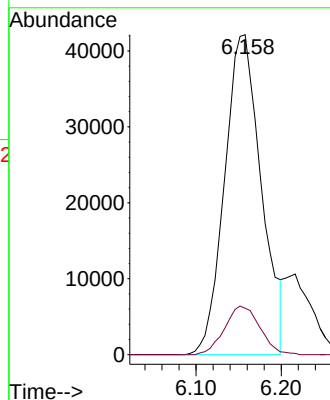
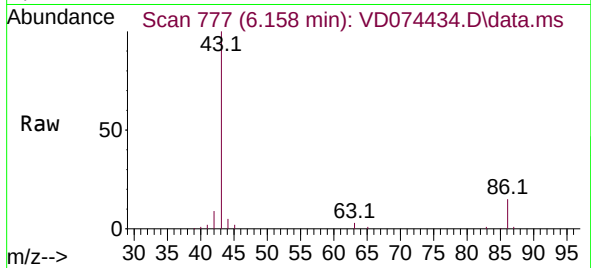




#23
 Vinyl Acetate
 Concen: 227.034 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

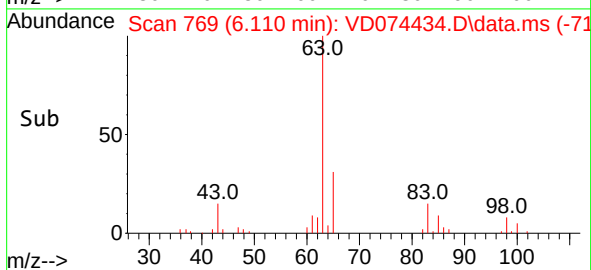
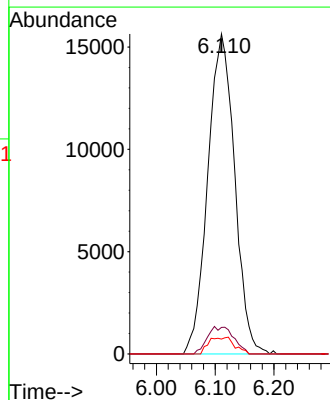
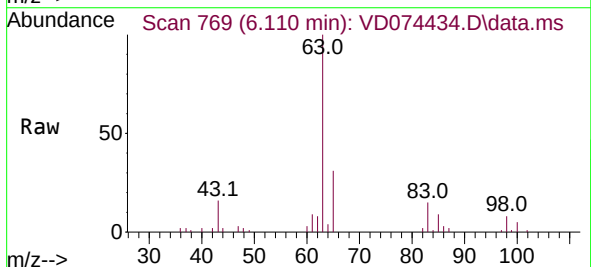
Instrument :
 MSVOA_D
 ClientSampleId :

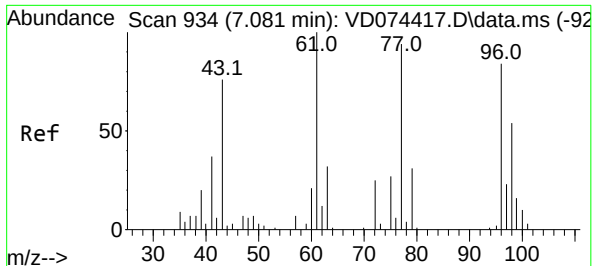
Tgt Ion: 43 Resp: 126170
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.426 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion: 63 Resp: 49720
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.6 13.8
 100 4.7 2.9 8.6





#25

2-Butanone

Concen: 247.256 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

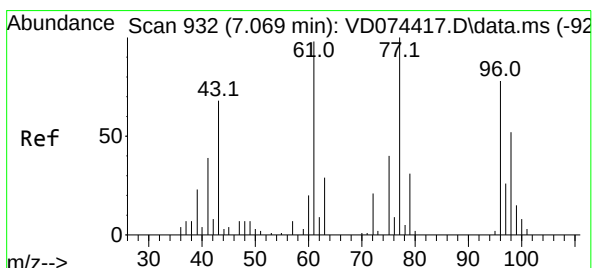
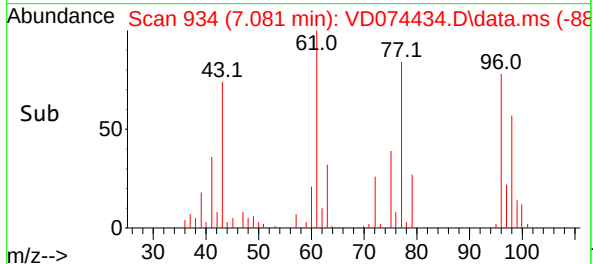
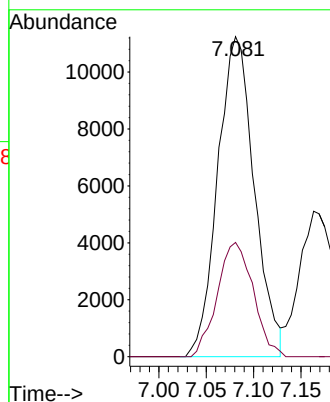
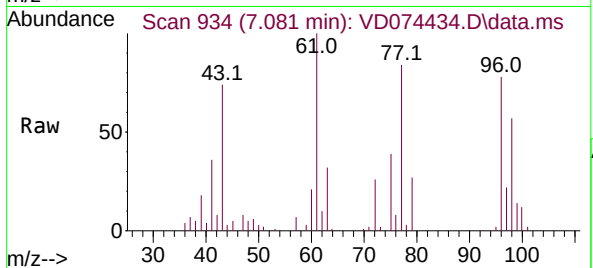
ClientSampleId :

Tgt Ion: 43 Resp: 30208

Ion Ratio Lower Upper

43 100

72 35.7 25.8 38.8



#26

2,2-Dichloropropane

Concen: 45.211 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD074434.D

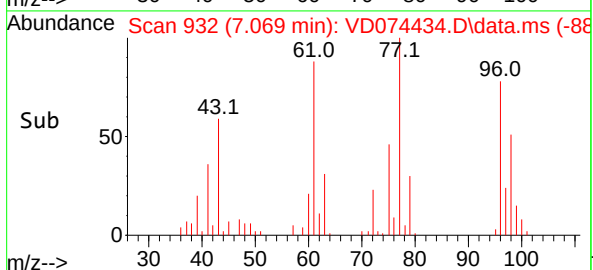
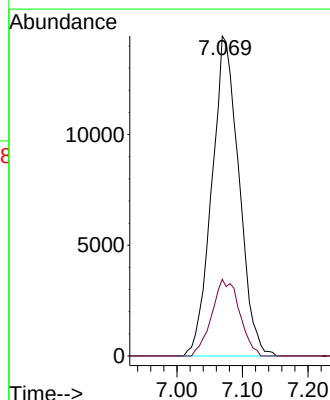
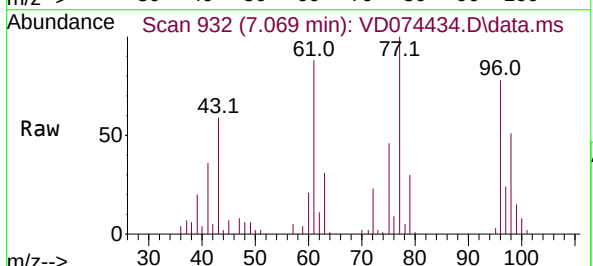
Acq: 26 Sep 2022 22:19

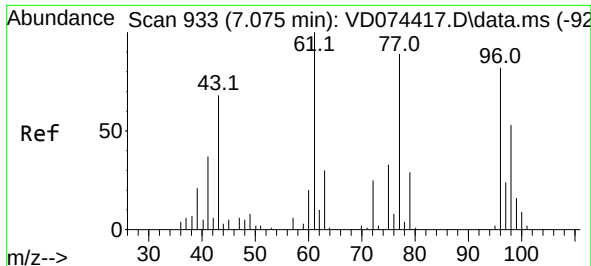
Tgt Ion: 77 Resp: 41458

Ion Ratio Lower Upper

77 100

97 24.5 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 50.389 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

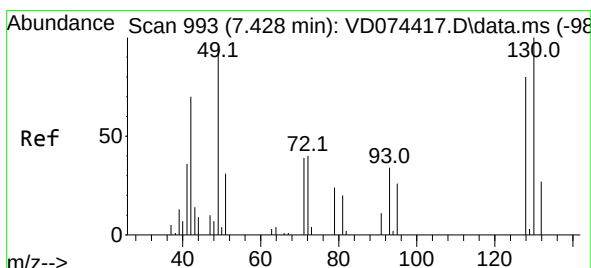
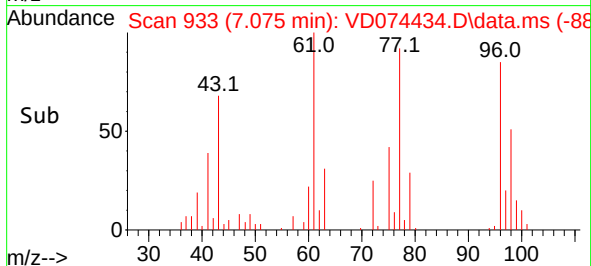
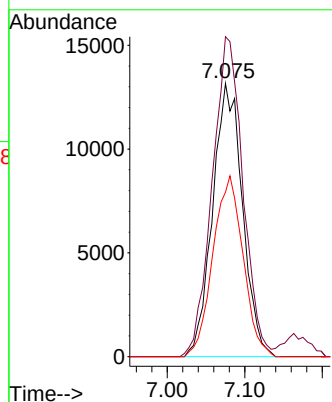
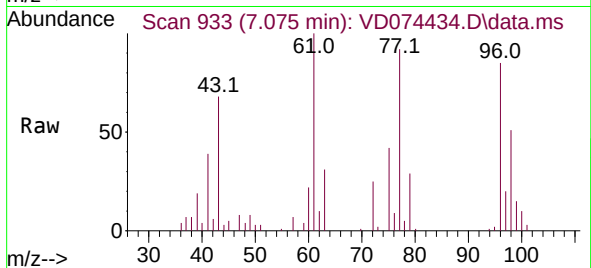
Tgt Ion: 96 Resp: 35285

Ion Ratio Lower Upper

96 100

61 120.1 0.0 242.4

98 66.8 0.0 130.0



#28

Bromochloromethane

Concen: 55.757 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

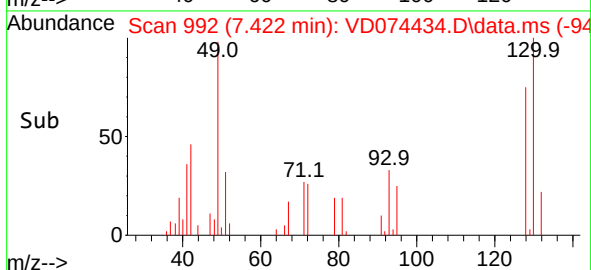
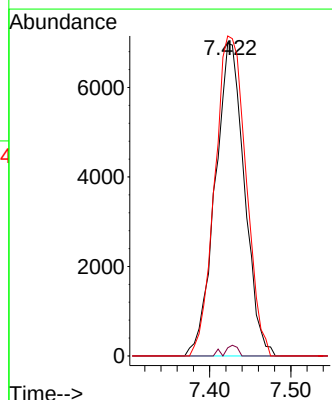
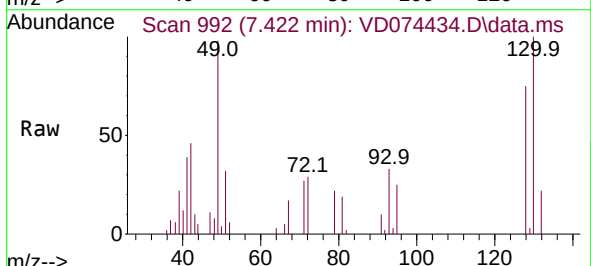
Tgt Ion: 49 Resp: 17514

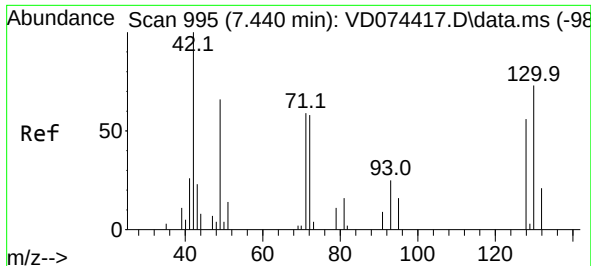
Ion Ratio Lower Upper

49 100

129 1.5 0.0 5.0

130 108.5 84.1 126.1





#29

Tetrahydrofuran

Concen: 270.878 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

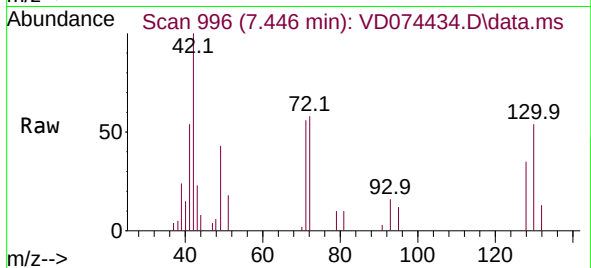
Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :



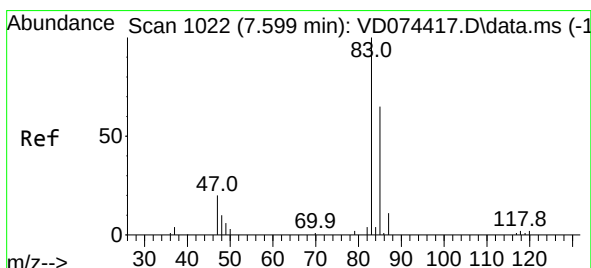
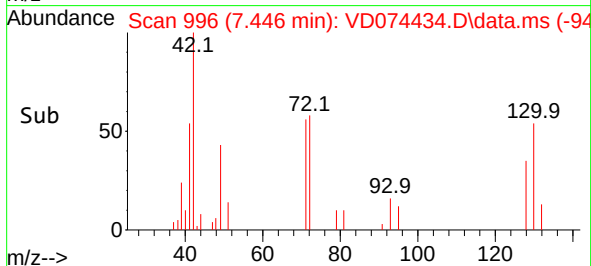
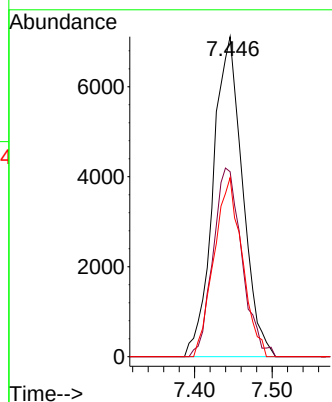
Tgt Ion: 42 Resp: 18790

Ion Ratio Lower Upper

42 100

72 57.8 45.8 68.6

71 53.4 44.6 66.8



#30

Chloroform

Concen: 50.840 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD074434.D

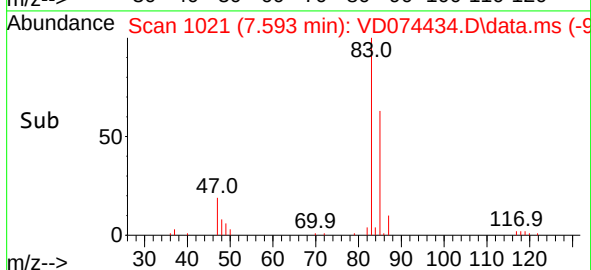
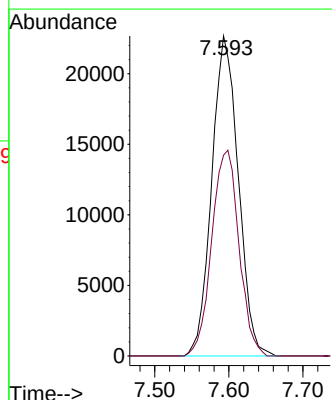
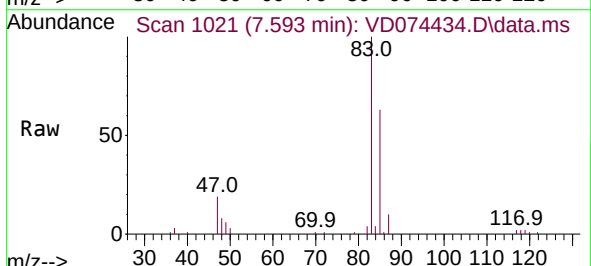
Acq: 26 Sep 2022 22:19

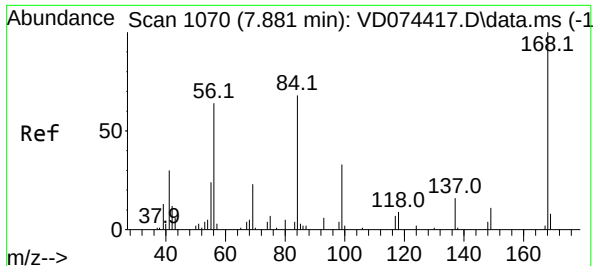
Tgt Ion: 83 Resp: 56412

Ion Ratio Lower Upper

83 100

85 62.7 52.0 78.0





#31

Cyclohexane

Concen: 45.039 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

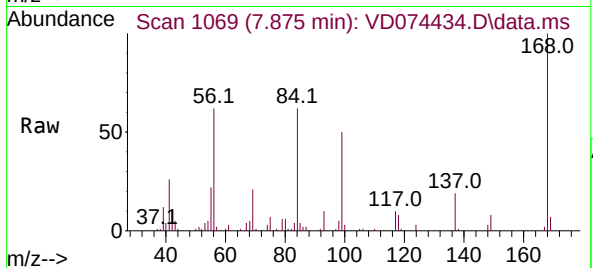
Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

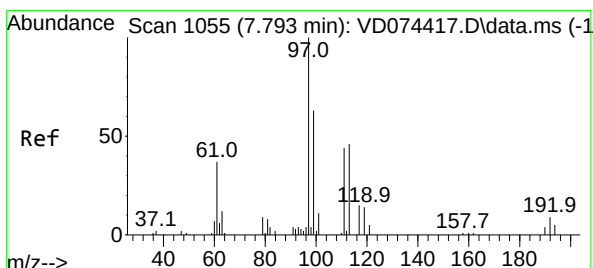
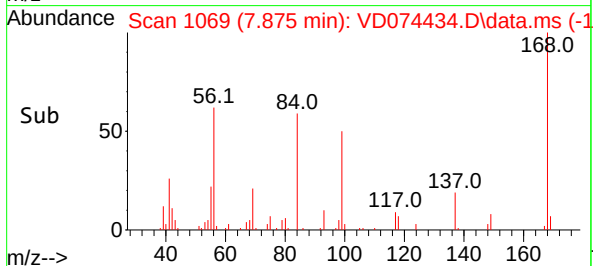
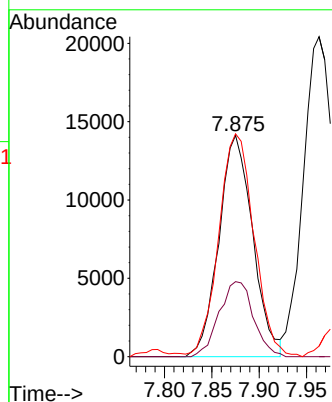
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	35147
Ion Ratio	Lower	Upper	
56	100		
69	33.9	29.2	43.8
84	99.3	83.4	125.2



#32

1,1,1-Trichloroethane

Concen: 50.784 ug/l

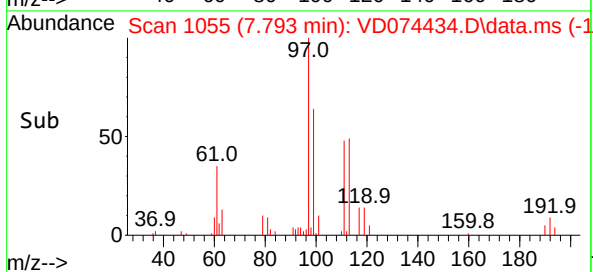
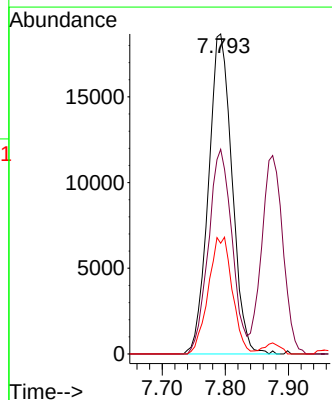
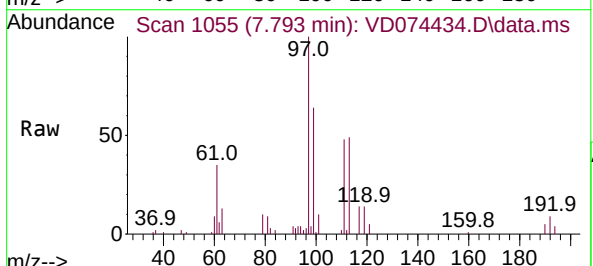
RT: 7.793 min Scan# 1055

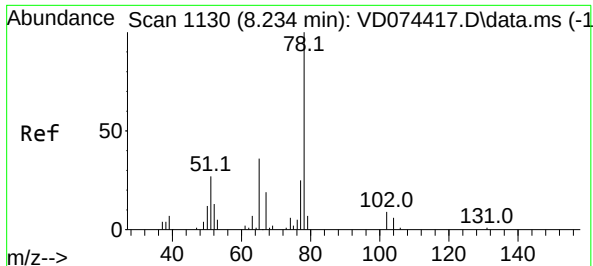
Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Tgt Ion:	97	Resp:	48365
Ion Ratio	Lower	Upper	
97	100		
99	63.8	53.3	79.9
61	37.3	30.2	45.4





#33

1,2-Dichloroethane-d4

Concen: 51.216 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

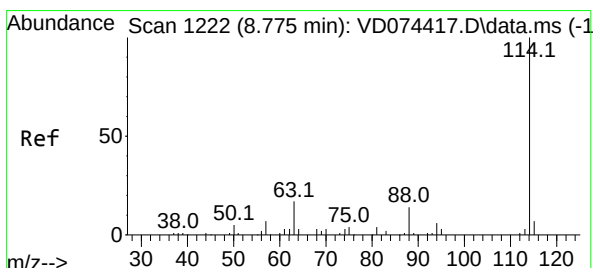
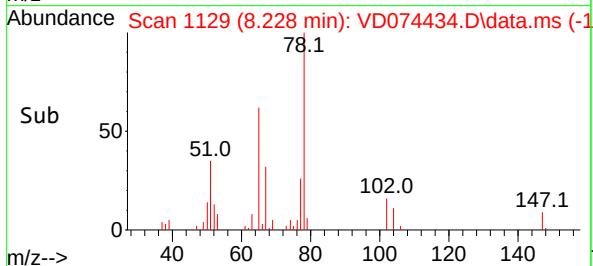
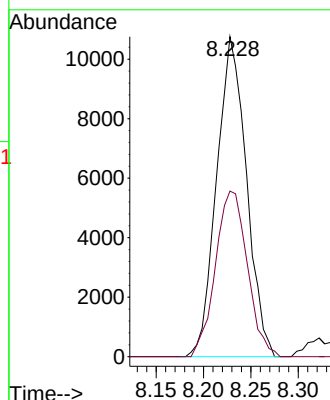
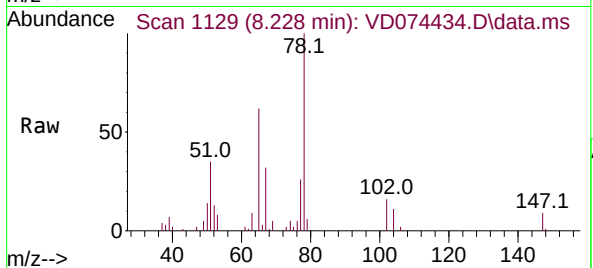
ClientSampleId :

Tgt Ion: 65 Resp: 23539

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

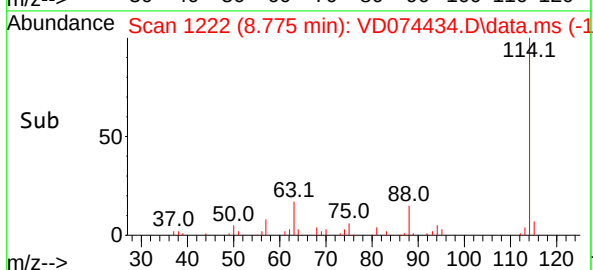
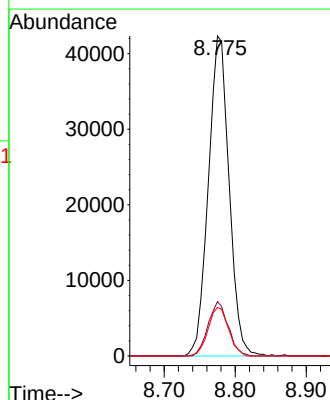
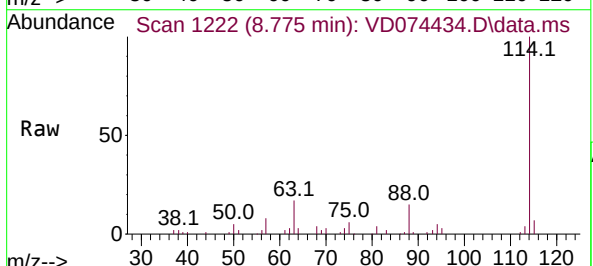
Tgt Ion: 114 Resp: 85802

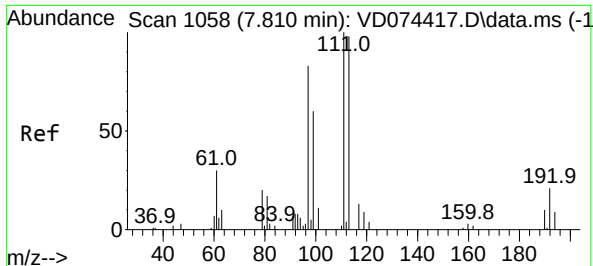
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 15.1 0.0 28.2

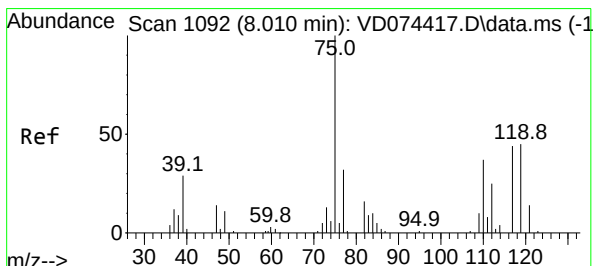
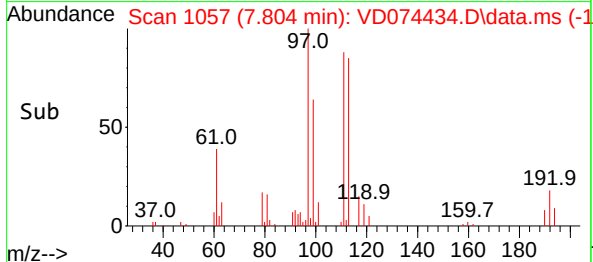
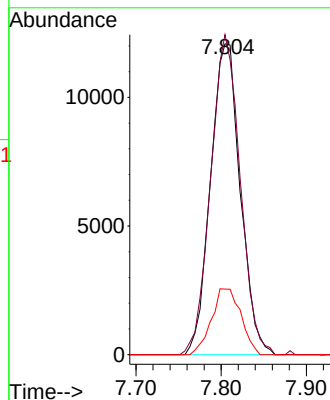
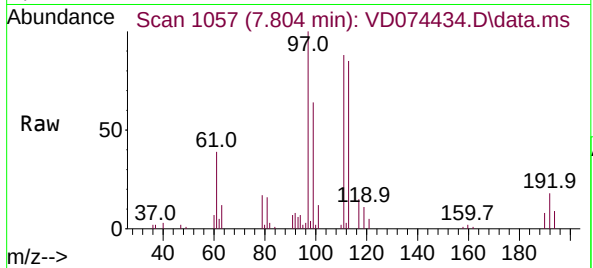




#35
 Dibromofluoromethane
 Concen: 50.848 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

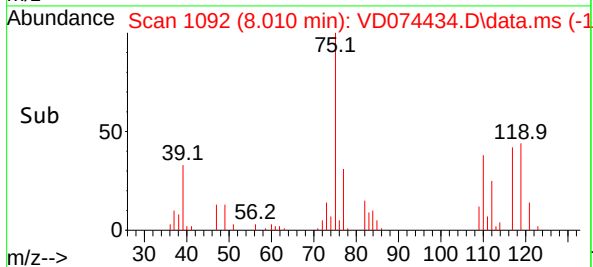
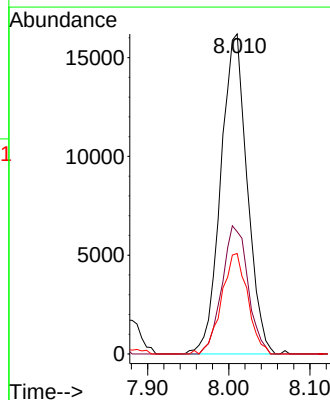
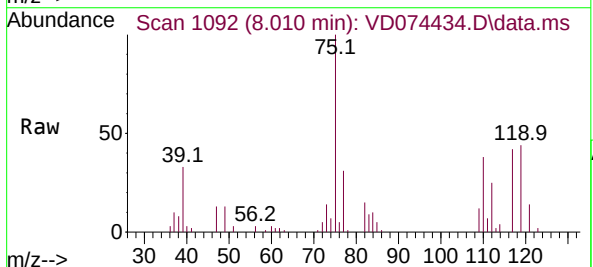
Instrument :
 MSVOA_D
 ClientSampleId :

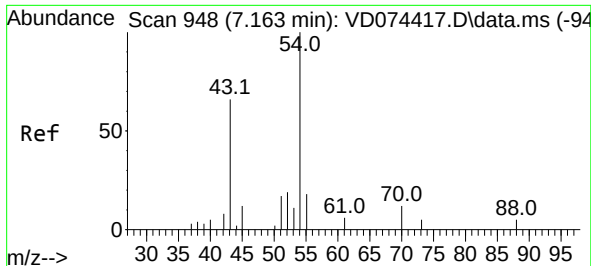
Tgt Ion:	113	Resp:	29334
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.3	123.5
192	21.0	16.4	24.6



#36
 1,1-Dichloropropene
 Concen: 47.086 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion:	75	Resp:	36687
Ion Ratio	Lower	Upper	
75	100		
110	39.3	19.7	59.0
77	31.1	25.4	38.2





#37

Ethyl Acetate

Concen: 54.701 ug/l

RT: 7.163 min Scan# 94

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

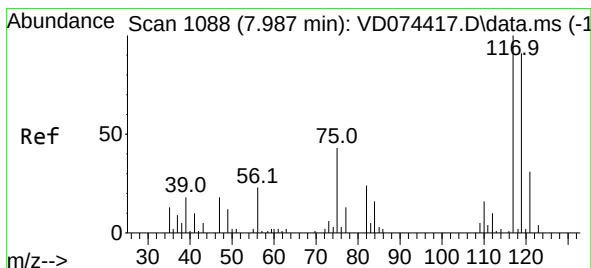
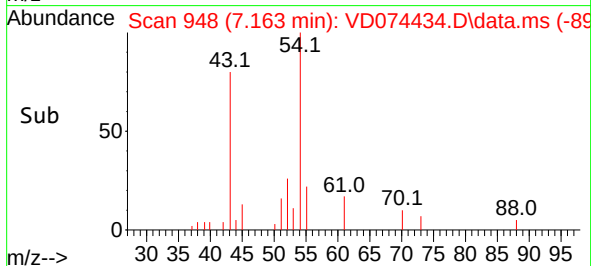
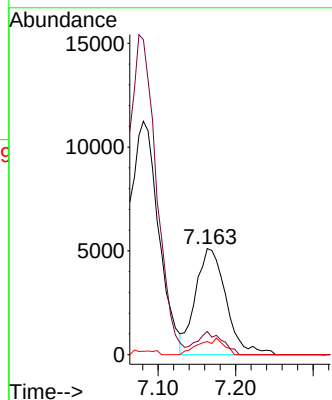
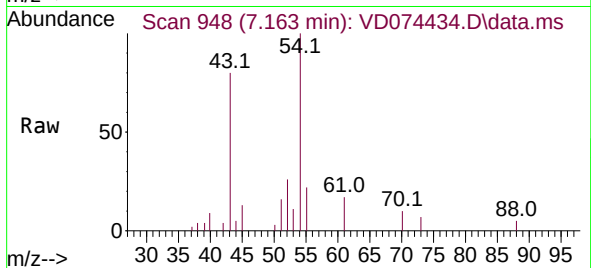
Tgt Ion: 43 Resp: 14045

Ion Ratio Lower Upper

43 100

61 18.4 12.2 18.4

70 12.7 9.6 14.4



#38

Carbon Tetrachloride

Concen: 50.130 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

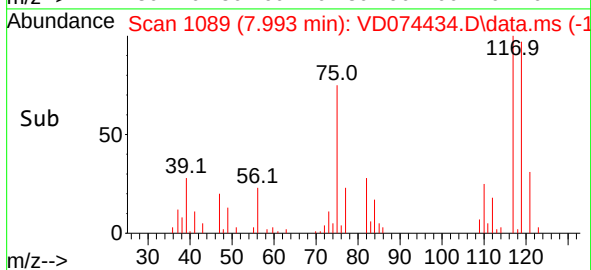
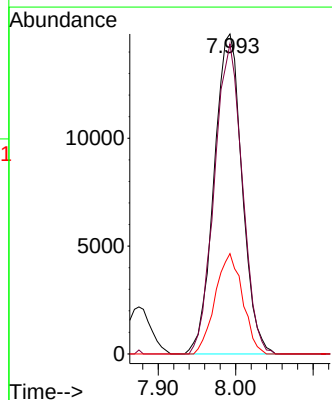
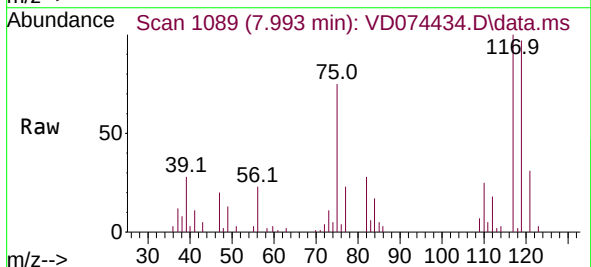
Tgt Ion: 117 Resp: 37378

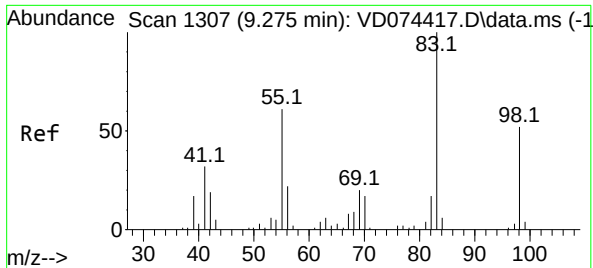
Ion Ratio Lower Upper

117 100

119 96.9 73.1 109.7

121 31.4 25.0 37.6





#39

Methylcyclohexane

Concen: 45.871 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

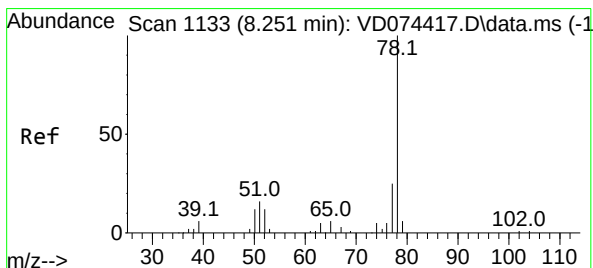
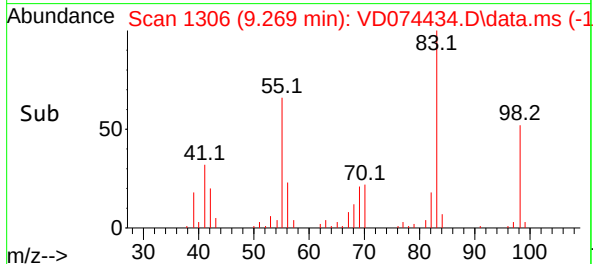
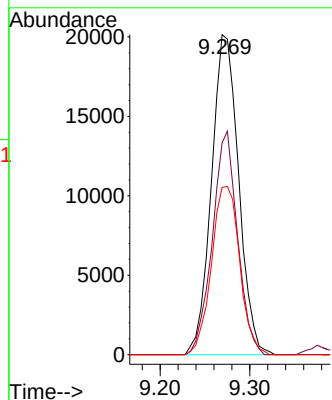
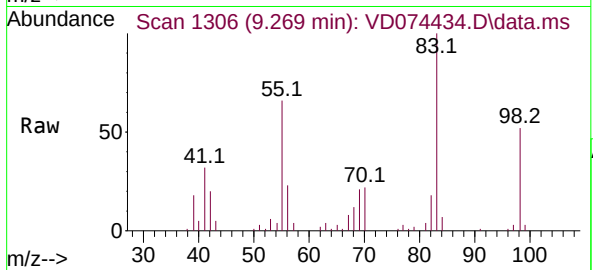
Tgt Ion: 83 Resp: 42353

Ion Ratio Lower Upper

83 100

55 66.2 49.0 73.4

98 52.3 41.7 62.5



#40

Benzene

Concen: 50.340 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD074434.D

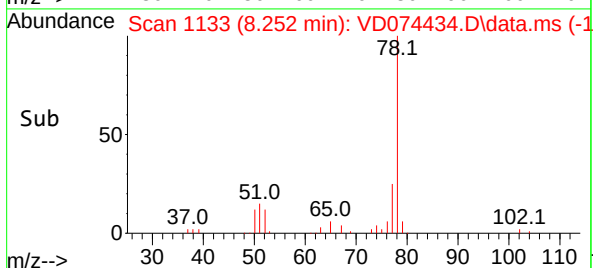
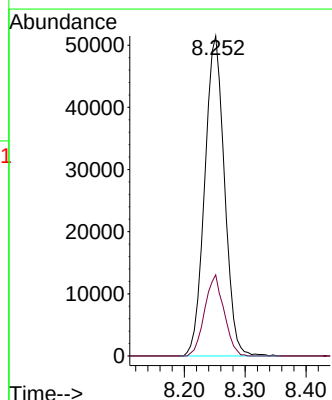
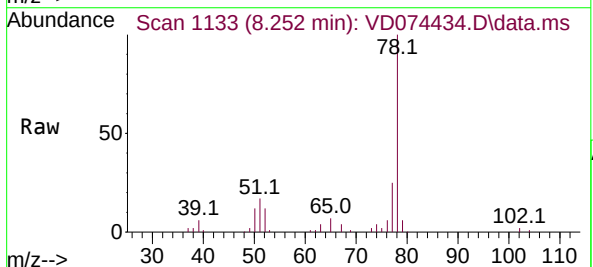
Acq: 26 Sep 2022 22:19

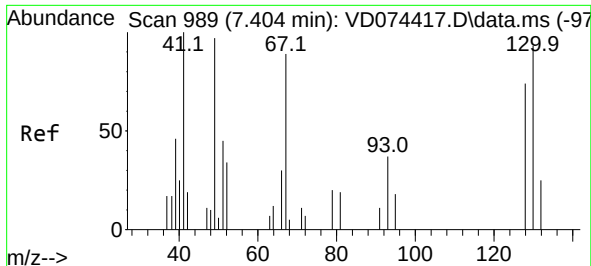
Tgt Ion: 78 Resp: 115790

Ion Ratio Lower Upper

78 100

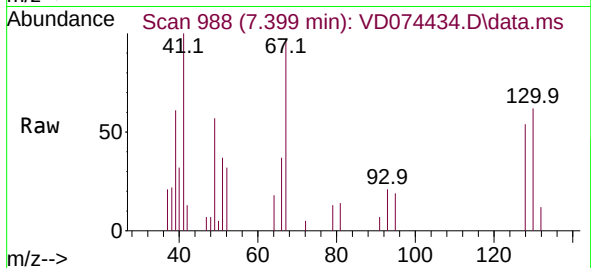
77 25.4 20.1 30.1



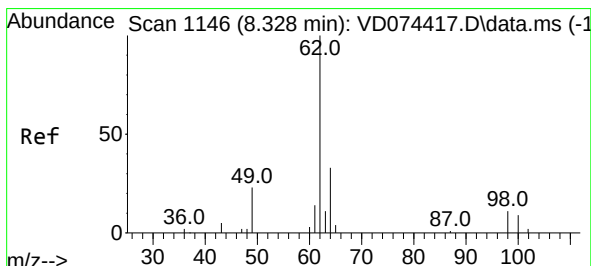
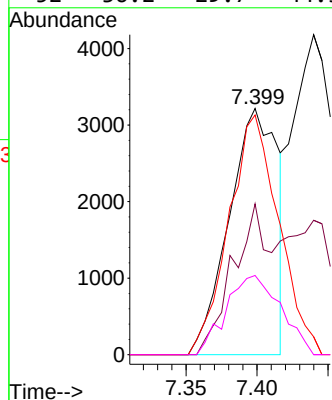
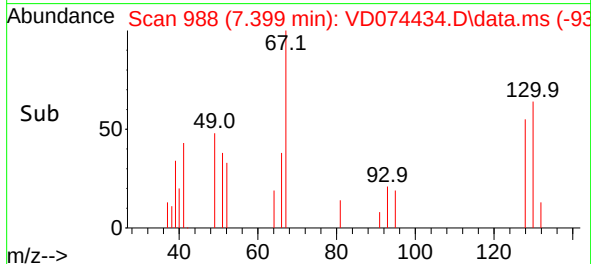


#41
Methacrylonitrile
Concen: 49.278 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :

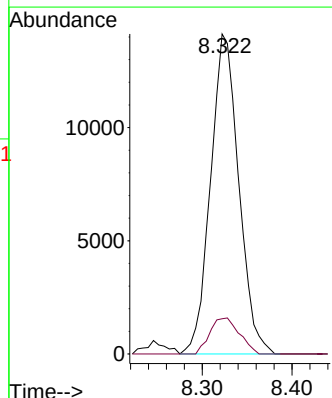
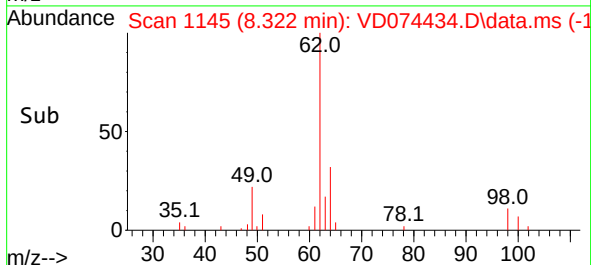
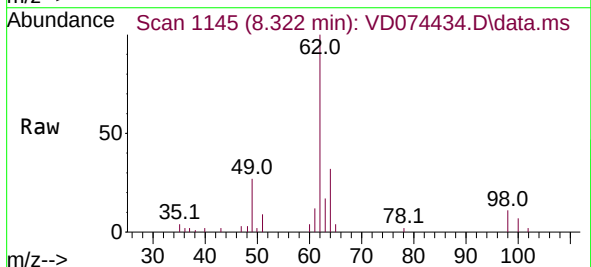


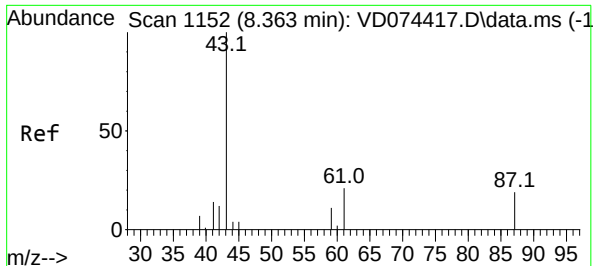
Tgt Ion: 41	Resp: 7630
Ion Ratio	Lower Upper
41 100	
39 45.0	35.0 52.6
67 100.5	77.0 115.6
52 36.2	29.7 44.5



#42
1,2-Dichloroethane
Concen: 53.467 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 62	Resp: 30855
Ion Ratio	Lower Upper
62 100	
98 11.7	0.0 24.2





#43

Isopropyl Acetate

Concen: 53.287 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

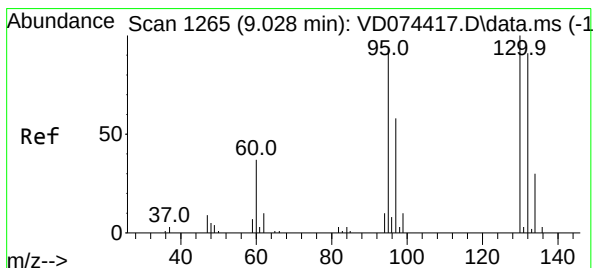
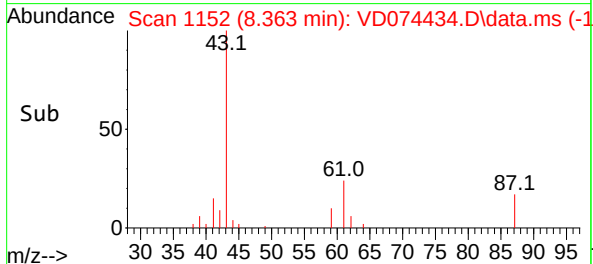
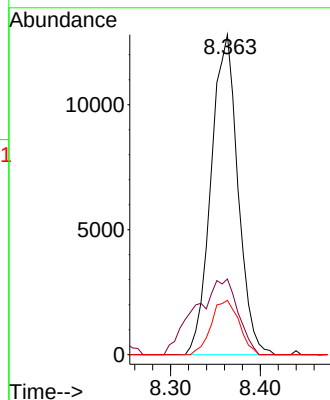
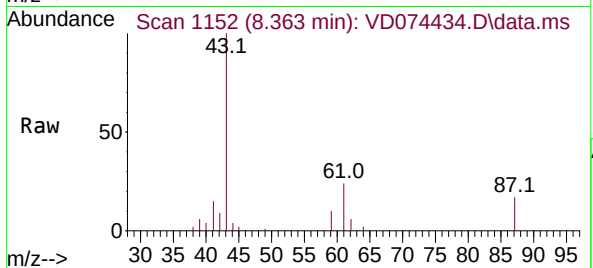
Tgt Ion: 43 Resp: 26600

Ion Ratio Lower Upper

43 100

61 37.7 30.9 46.3

87 17.7 14.3 21.5



#44

Trichloroethene

Concen: 48.855 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD074434.D

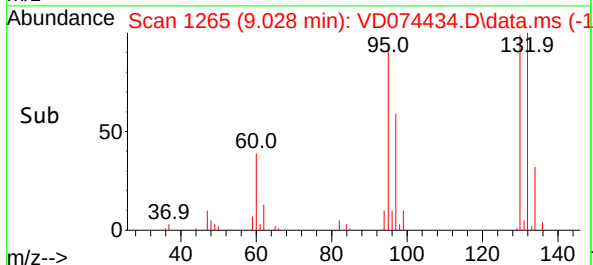
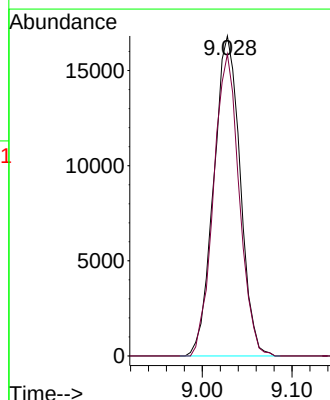
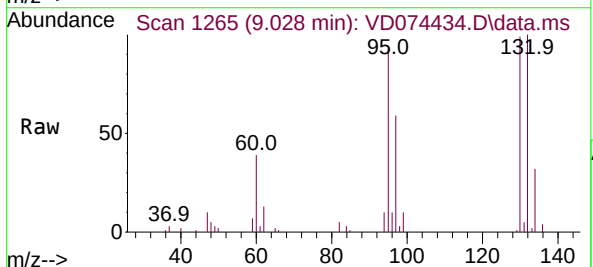
Acq: 26 Sep 2022 22:19

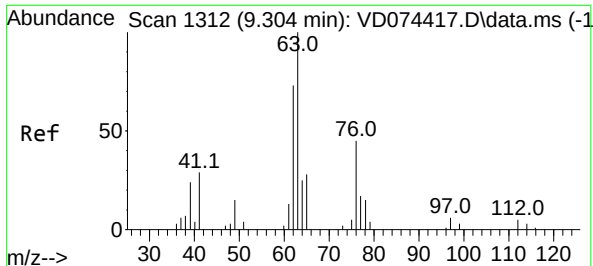
Tgt Ion:130 Resp: 34371

Ion Ratio Lower Upper

130 100

95 94.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 52.015 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

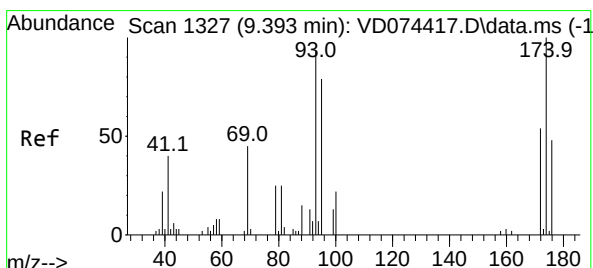
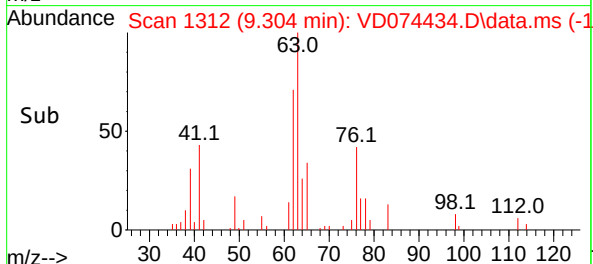
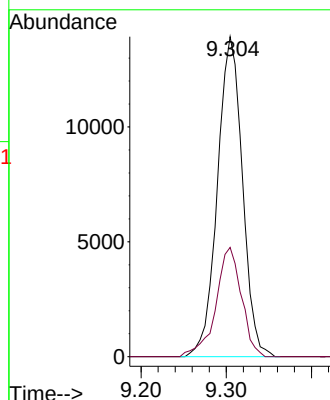
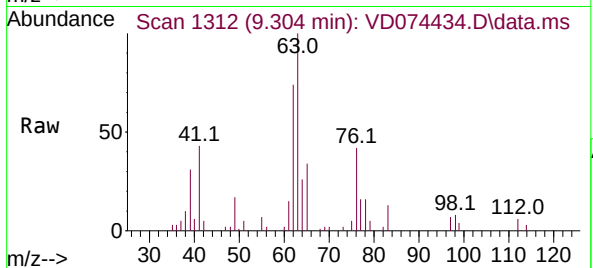
ClientSampleId :

Tgt Ion: 63 Resp: 28372

Ion Ratio Lower Upper

63 100

65 34.2 23.1 34.7



#46

Dibromomethane

Concen: 51.853 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

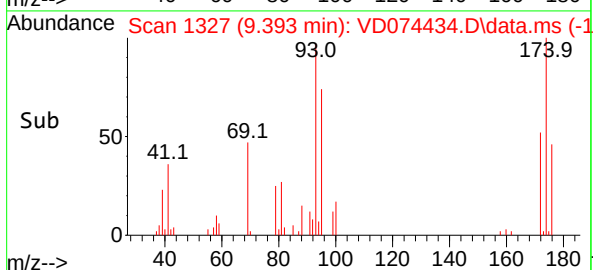
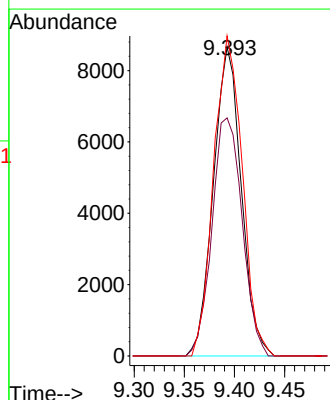
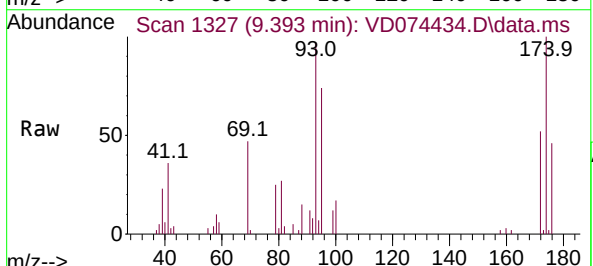
Tgt Ion: 93 Resp: 16709

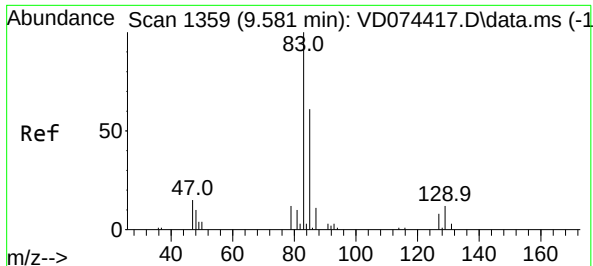
Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.2

174 106.0 87.4 131.0





#47

Bromodichloromethane

Concen: 49.126 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD074434.D

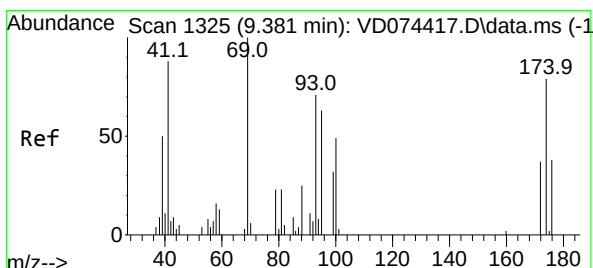
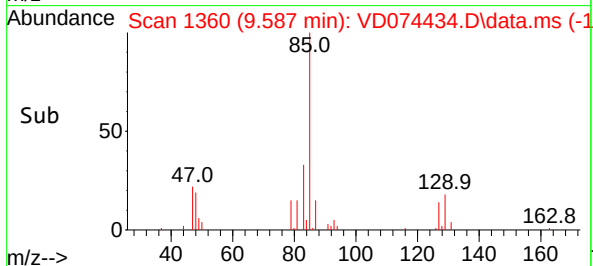
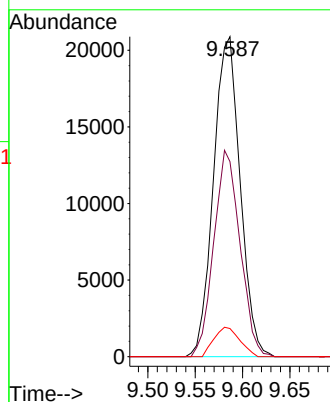
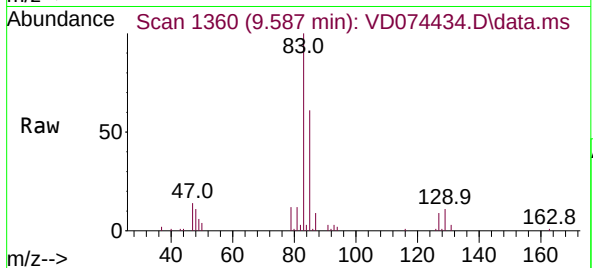
Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	40940
Ion Ratio	Lower	Upper	
83	100		
85	60.9	48.8	73.2
127	8.8	6.7	10.1



#48

Methyl methacrylate

Concen: 54.926 ug/l

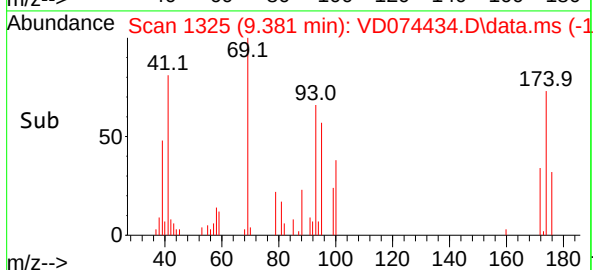
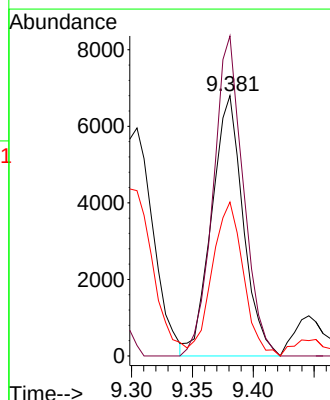
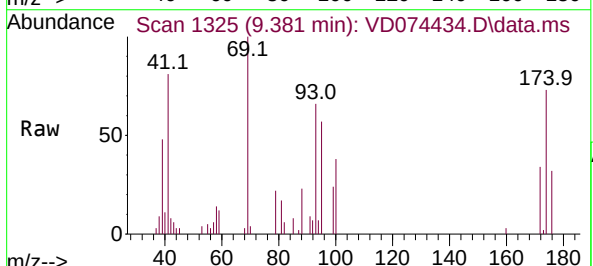
RT: 9.381 min Scan# 1325

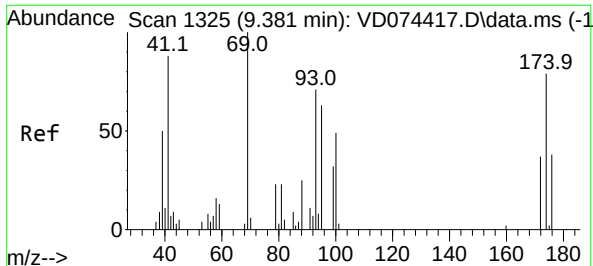
Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Tgt Ion:	41	Resp:	12246
Ion Ratio	Lower	Upper	
41	100		
69	117.3	93.0	139.4
39	58.2	44.6	66.8





#49

1,4-Dioxane

Concen: 1013.776 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

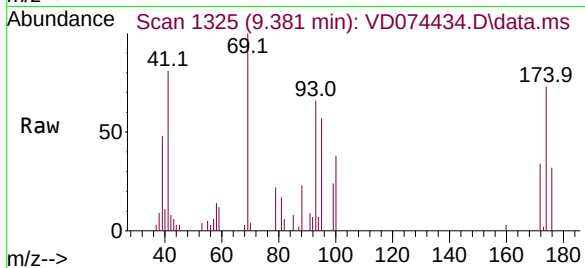
Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :



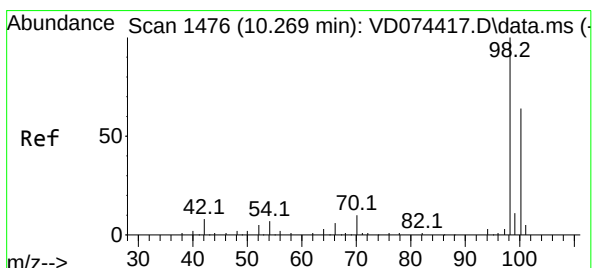
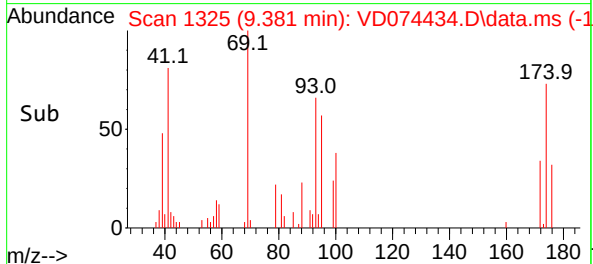
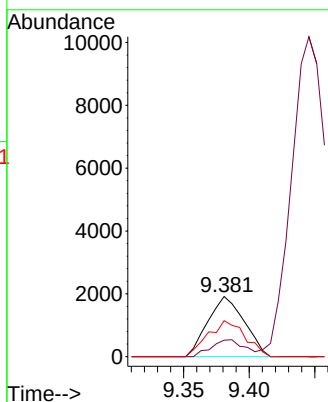
Tgt Ion: 88 Resp: 3693

Ion Ratio Lower Upper

88 100

43 25.6 24.1 36.1

58 61.0 43.1 64.7



#50

Toluene-d8

Concen: 50.801 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074434.D

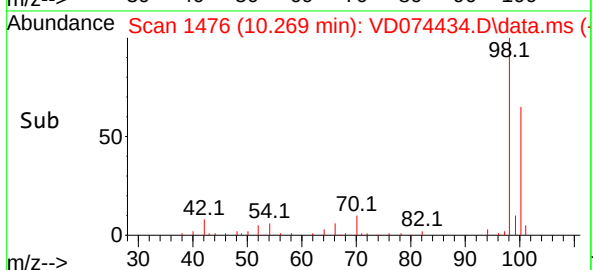
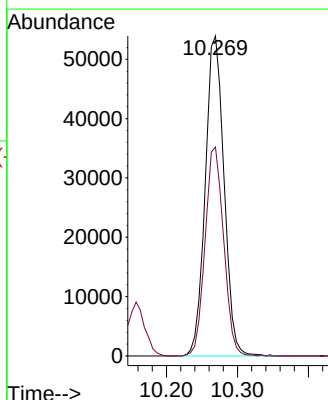
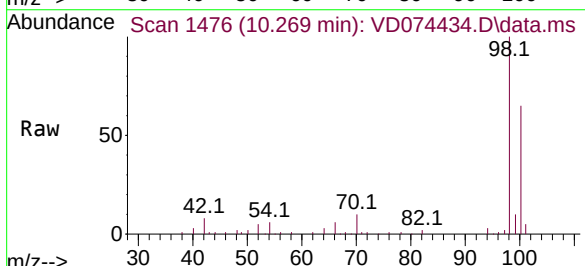
Acq: 26 Sep 2022 22:19

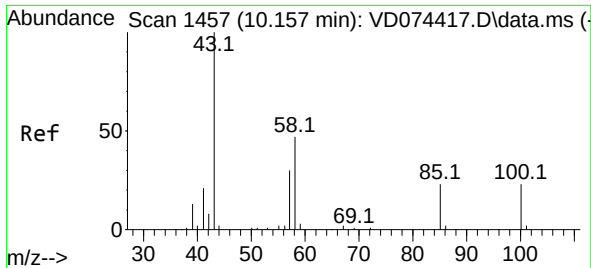
Tgt Ion: 98 Resp: 99126

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

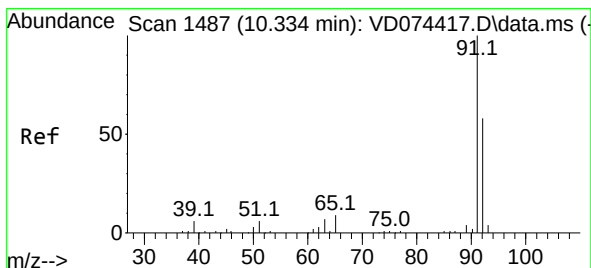
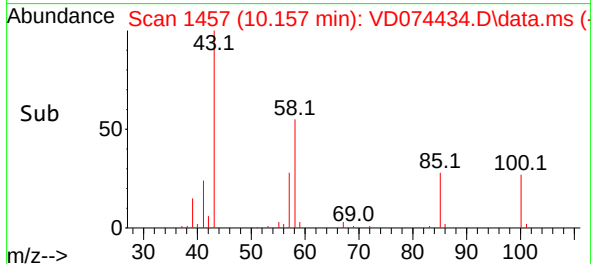
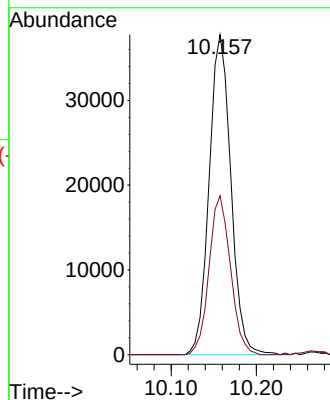
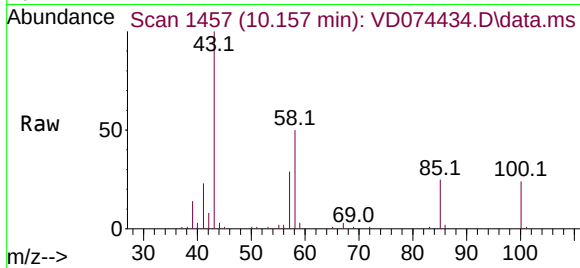




#51
4-Methyl-2-Pentanone
Concen: 261.104 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

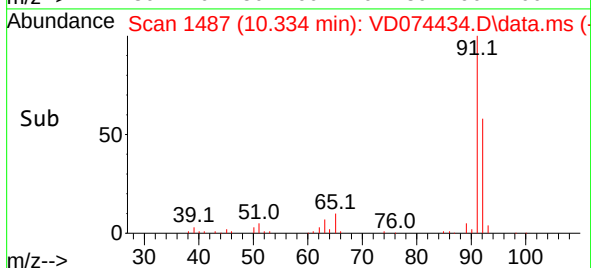
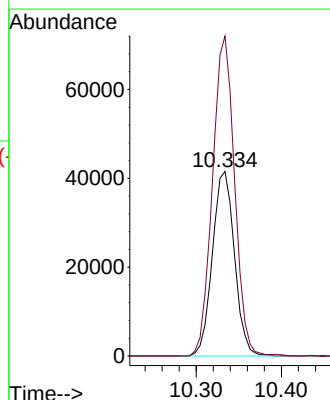
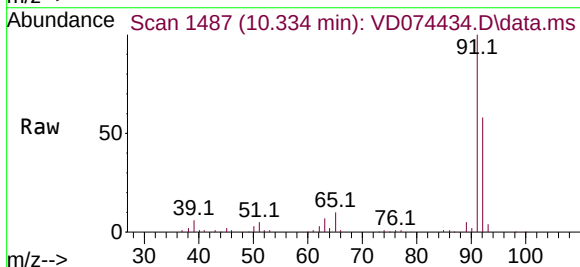
Instrument :
MSVOA_D
ClientSampleId :

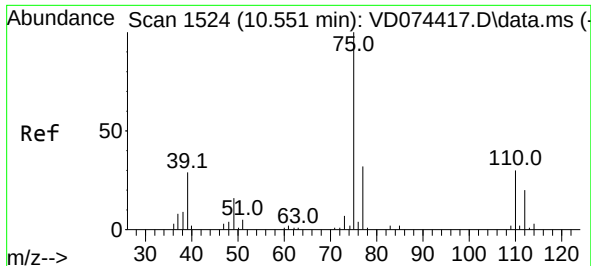
Tgt Ion: 43 Resp: 66981
Ion Ratio Lower Upper
43 100
58 48.9 37.8 56.6



#52
Toluene
Concen: 50.266 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 92 Resp: 74728
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.4

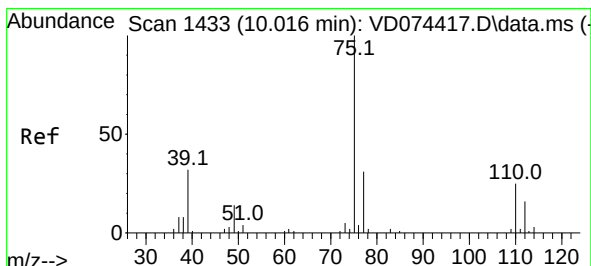
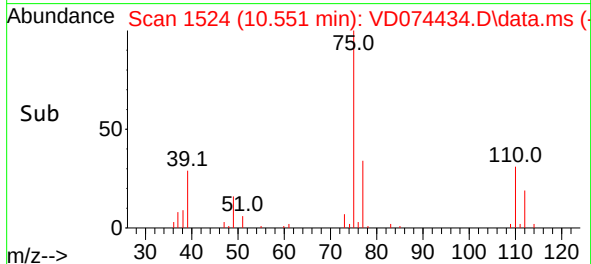
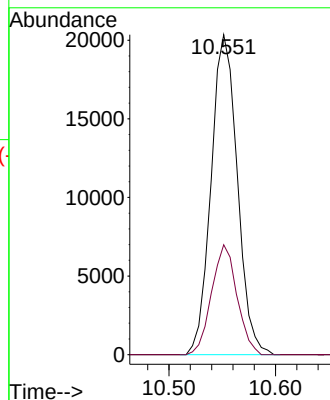
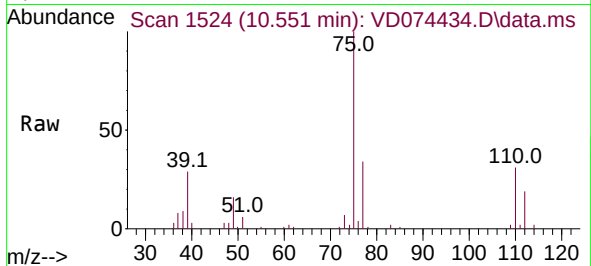




#53
 t-1,3-Dichloropropene
 Concen: 50.259 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

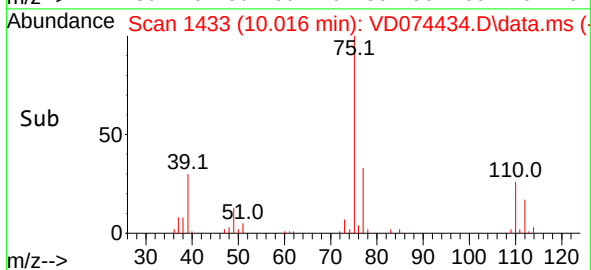
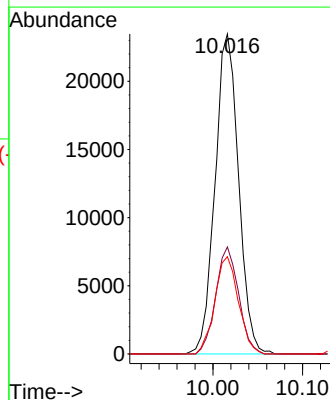
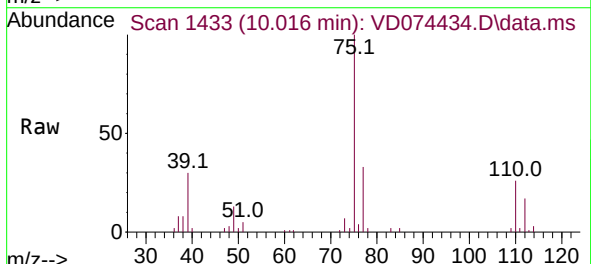
Instrument :
 MSVOA_D
 ClientSampleId :

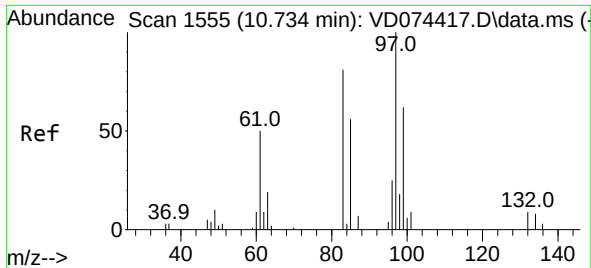
Tgt Ion: 75 Resp: 34812
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.302 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion: 75 Resp: 42699
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.7 37.1
 39 30.4 25.4 38.2

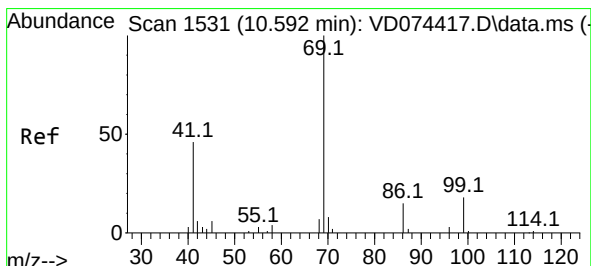
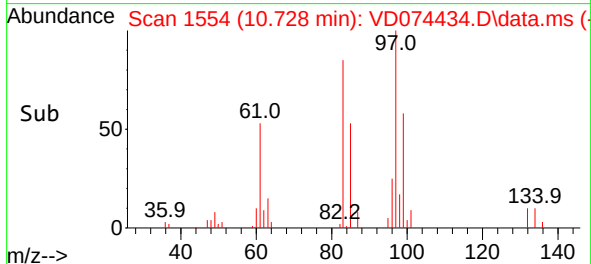
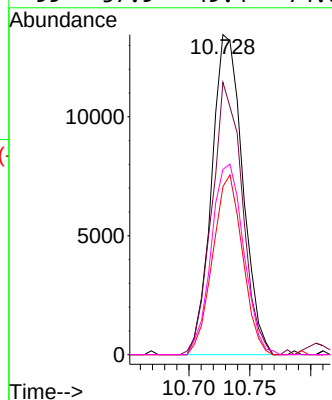
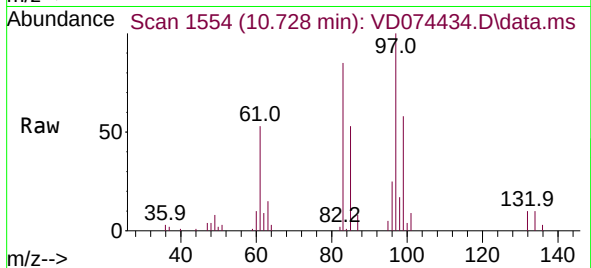




#55
1,1,2-Trichloroethane
Concen: 53.189 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

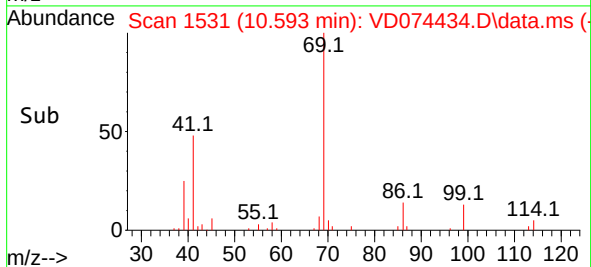
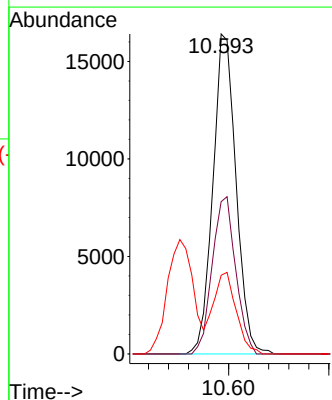
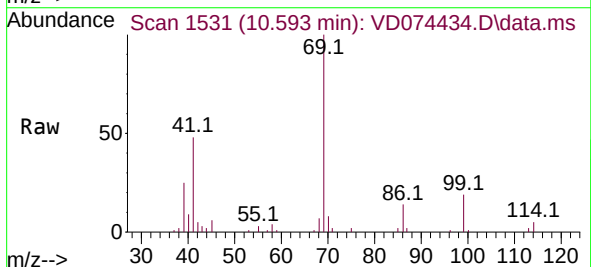
Instrument :
MSVOA_D
ClientSampleId :

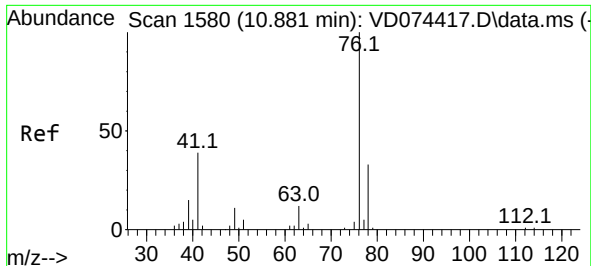
Tgt Ion: 97	Resp: 23862
Ion Ratio	Lower Upper
97 100	
83 85.1	64.8 97.2
85 52.5	44.8 67.2
99 57.9	49.4 74.0



#56
Ethyl methacrylate
Concen: 52.253 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 69	Resp: 26299
Ion Ratio	Lower Upper
69 100	
41 49.8	38.6 58.0
39 25.4	19.9 29.9





#57

1,3-Dichloropropane

Concen: 50.899 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

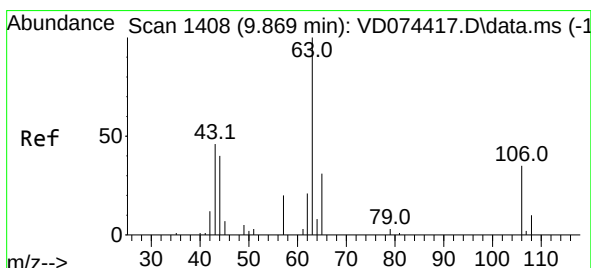
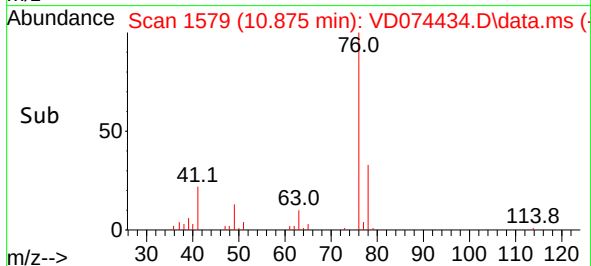
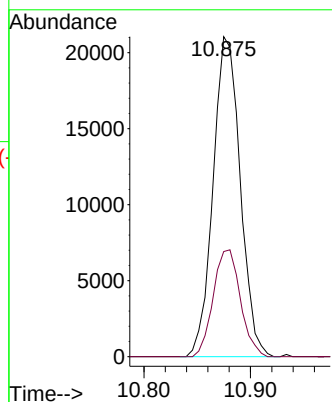
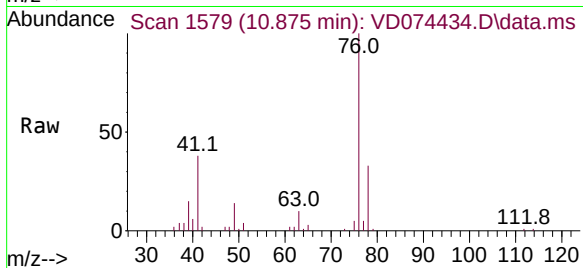
ClientSampleId :

Tgt Ion: 76 Resp: 37230

Ion Ratio Lower Upper

76 100

78 33.4 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 250.572 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074434.D

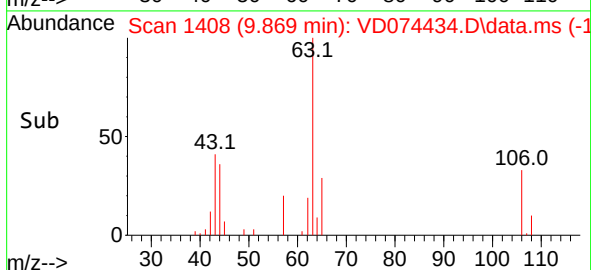
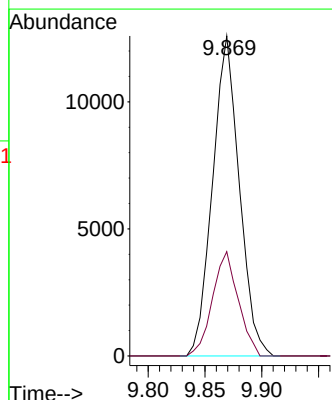
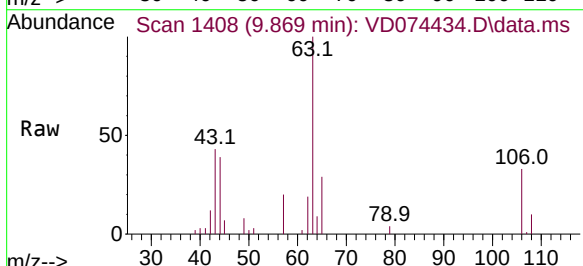
Acq: 26 Sep 2022 22:19

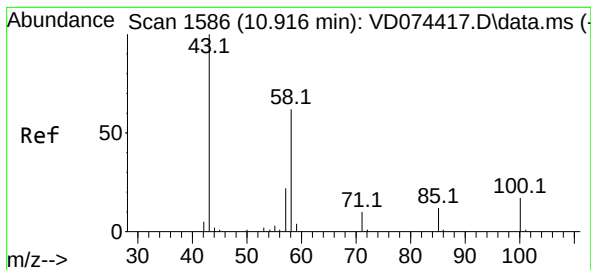
Tgt Ion: 63 Resp: 20574

Ion Ratio Lower Upper

63 100

106 31.4 26.5 39.7

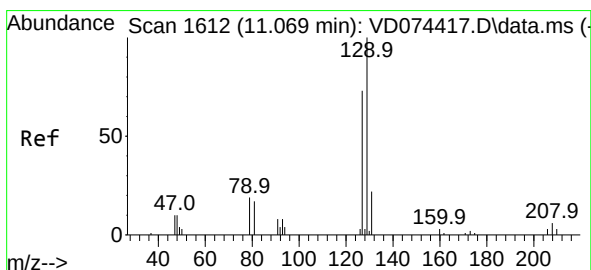
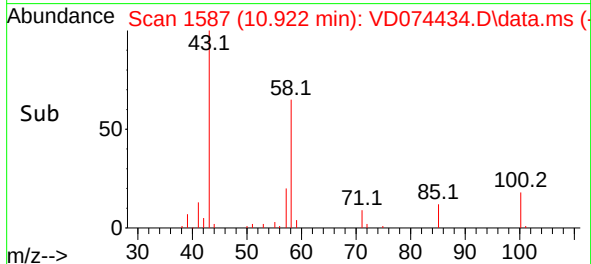
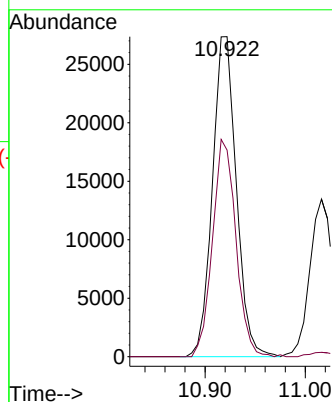
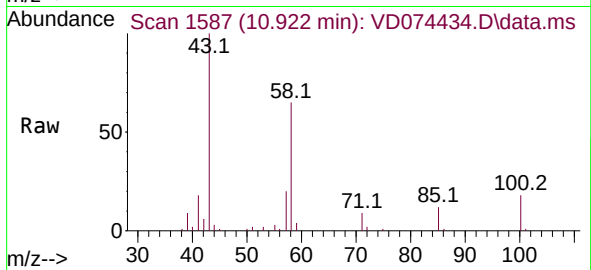




#59
2-Hexanone
Concen: 261.788 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

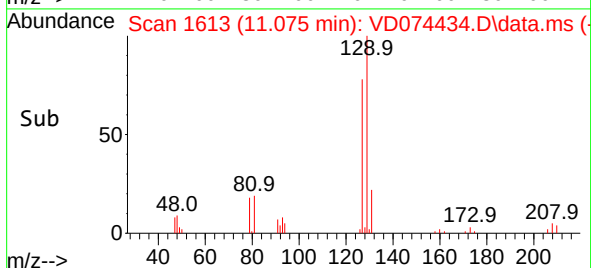
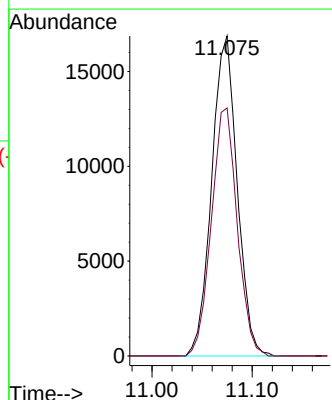
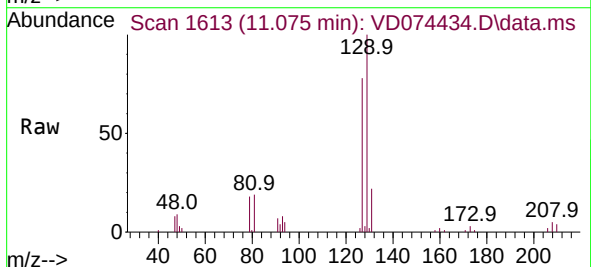
Instrument :
MSVOA_D
ClientSampleId :

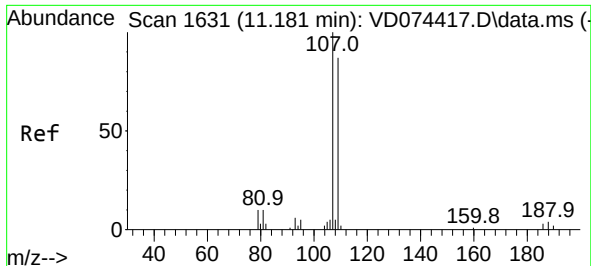
Tgt Ion: 43 Resp: 45326
Ion Ratio Lower Upper
43 100
58 66.6 32.0 96.2



#60
Dibromochloromethane
Concen: 53.024 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 129 Resp: 29794
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

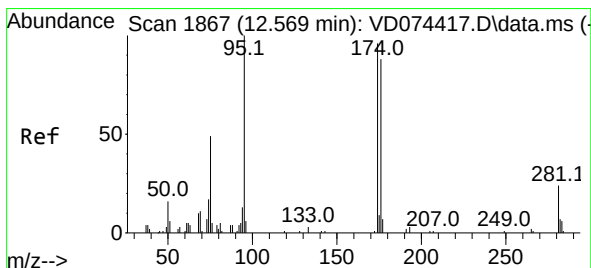
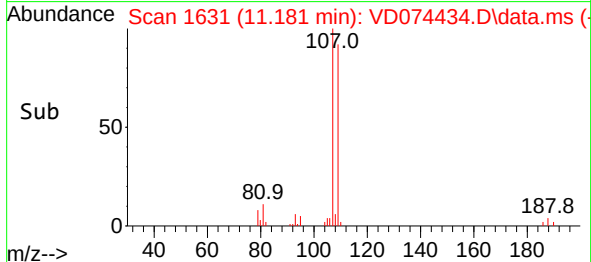
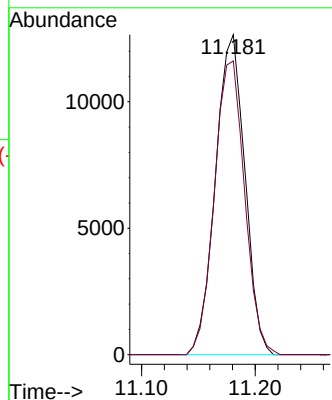
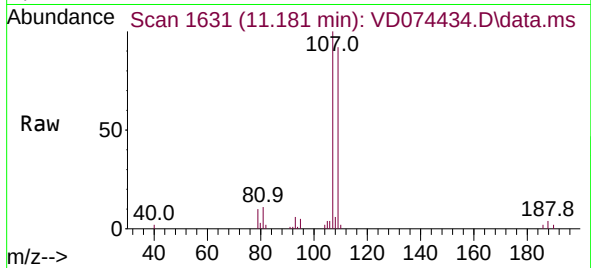




#61
1,2-Dibromoethane
Concen: 52.175 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

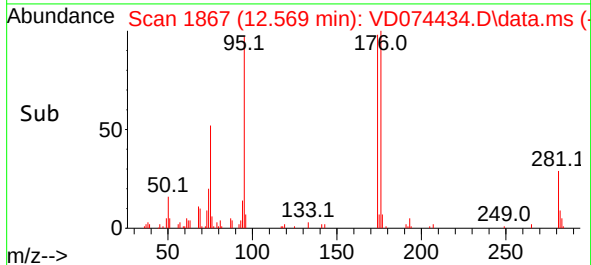
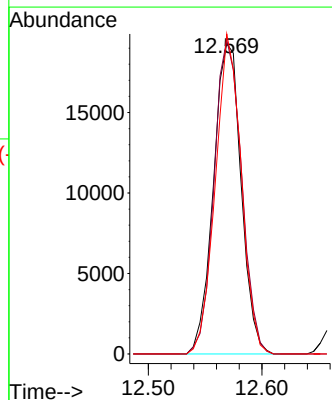
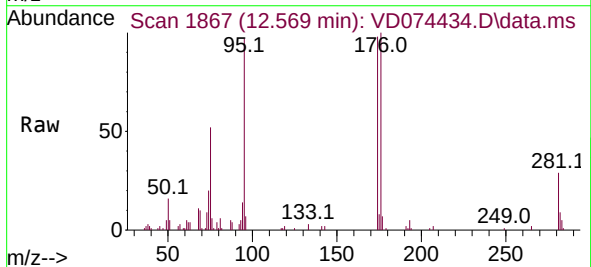
Instrument :
MSVOA_D
ClientSampleId :

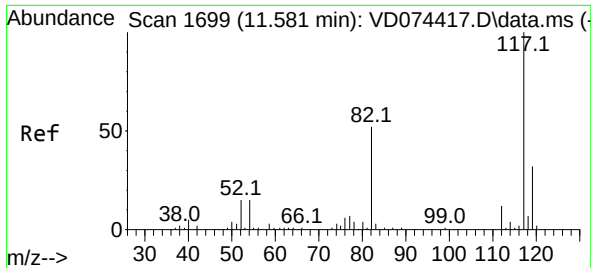
Tgt Ion:107 Resp: 22755
Ion Ratio Lower Upper
107 100
109 94.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.714 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 95 Resp: 32691
Ion Ratio Lower Upper
95 100
174 100.1 0.0 197.0
176 96.0 0.0 182.6

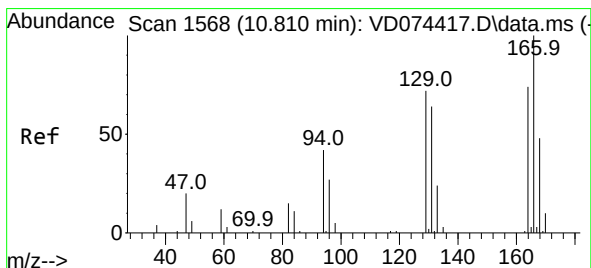
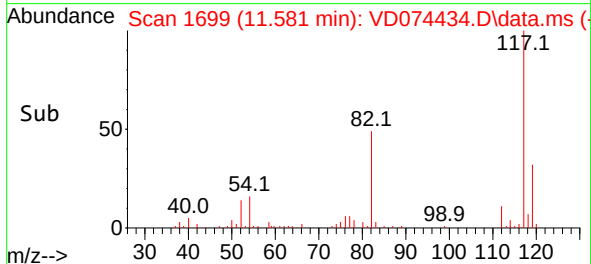
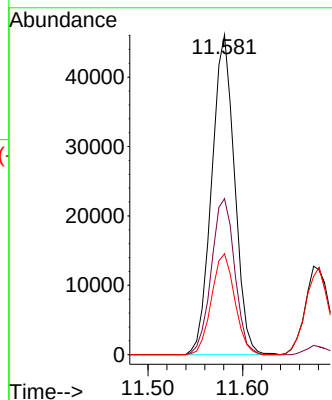
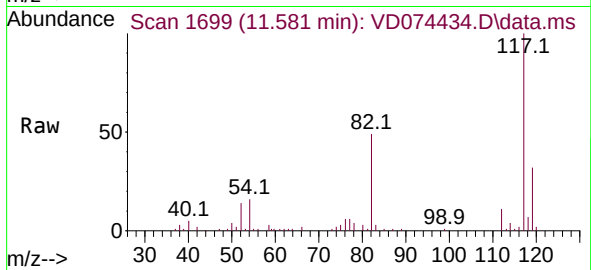




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

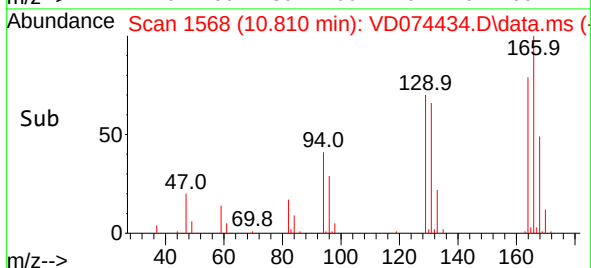
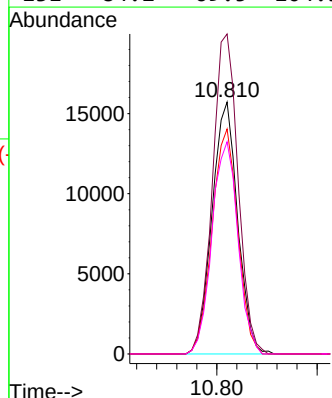
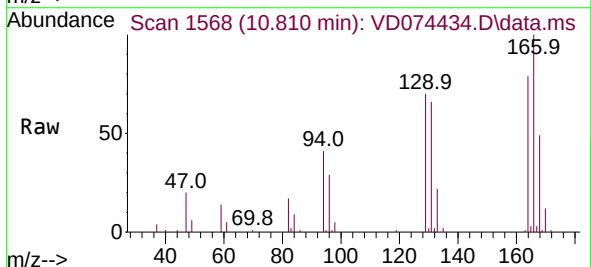
Instrument :
MSVOA_D
ClientSampleId :

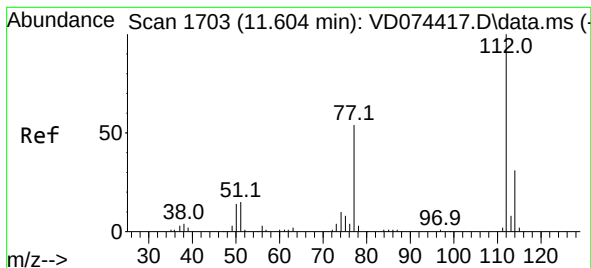
Tgt Ion:117 Resp: 77174
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 46.650 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:164 Resp: 27920
Ion Ratio Lower Upper
164 100
166 127.0 107.8 161.8
129 89.3 77.4 116.2
131 84.2 69.5 104.3





#65

Chlorobenzene

Concen: 49.808 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

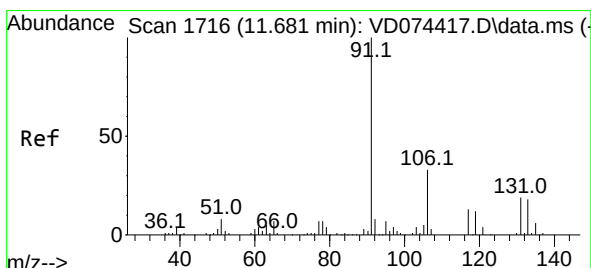
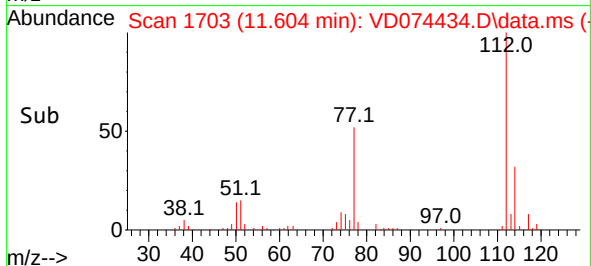
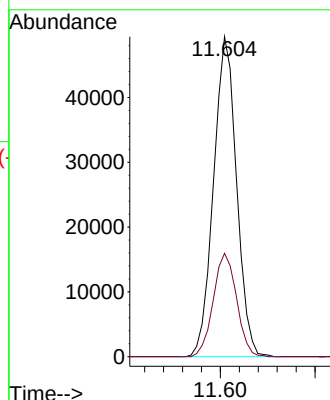
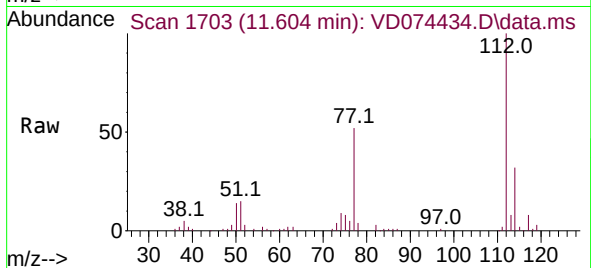
ClientSampleId :

Tgt Ion:112 Resp: 83249

Ion Ratio Lower Upper

112 100

114 32.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.462 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

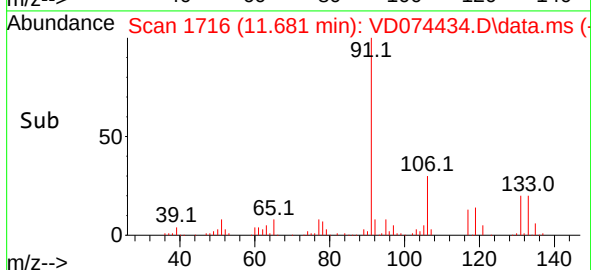
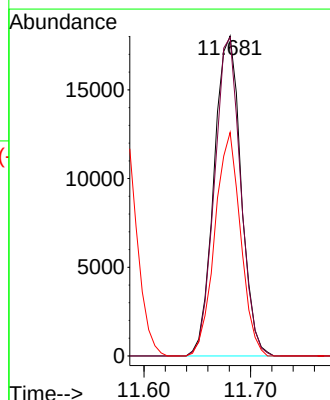
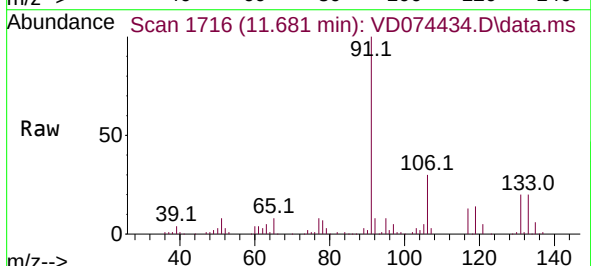
Tgt Ion:131 Resp: 31741

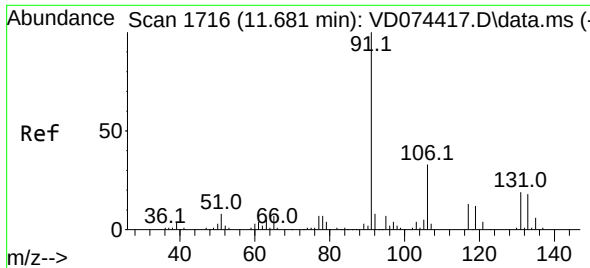
Ion Ratio Lower Upper

131 100

133 96.2 46.6 139.8

119 66.6 32.5 97.4

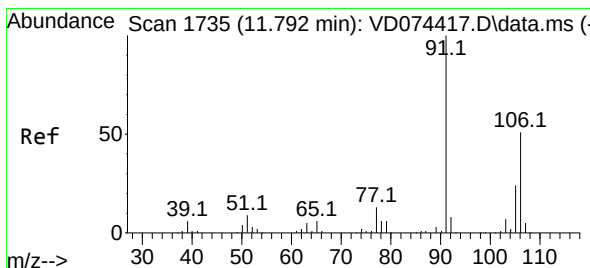
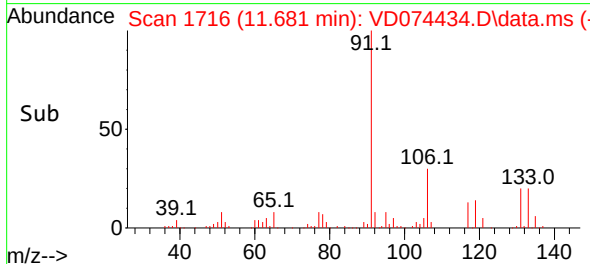
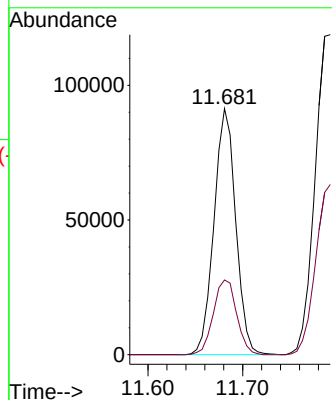
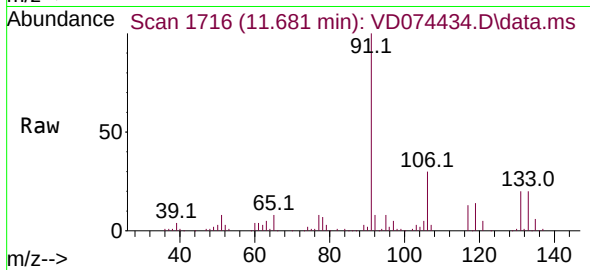




#67
Ethyl Benzene
Concen: 49.513 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

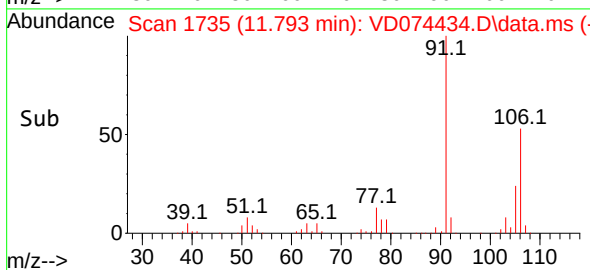
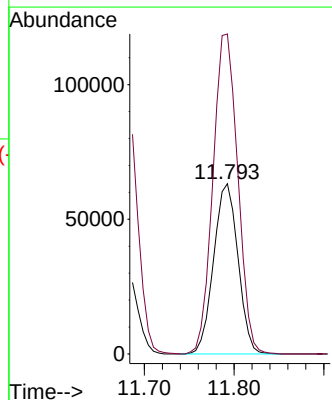
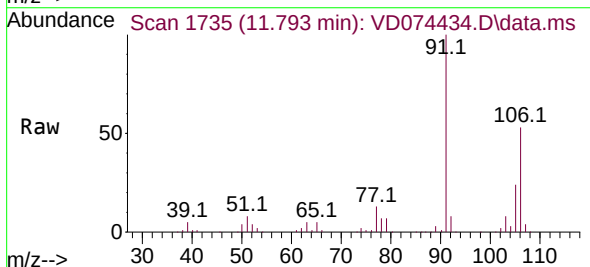
Instrument :
MSVOA_D
ClientSampleId :

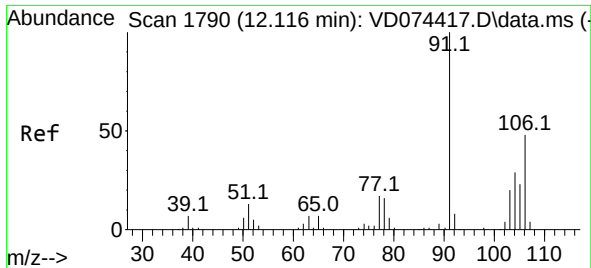
Tgt Ion: 91 Resp: 145602
Ion Ratio Lower Upper
91 100
106 30.4 26.6 40.0



#68
m/p-Xylenes
Concen: 103.198 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:106 Resp: 119102
Ion Ratio Lower Upper
106 100
91 191.5 156.2 234.4

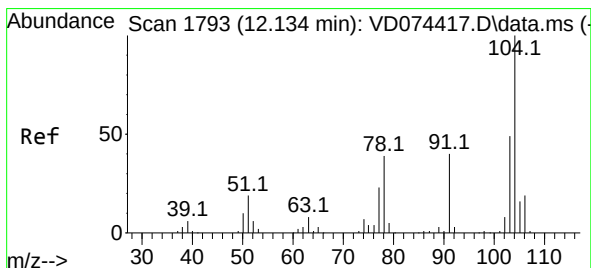
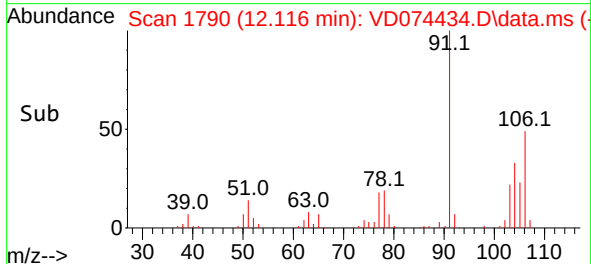
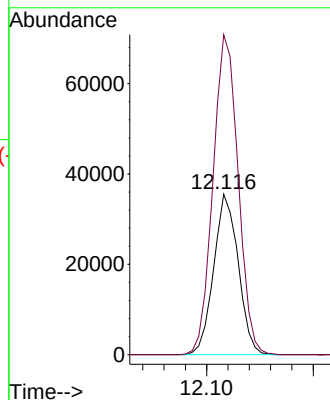
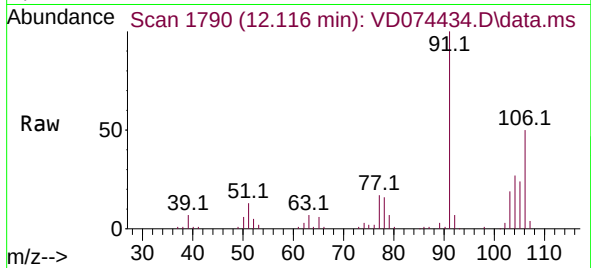




#69
o-Xylene
Concen: 52.963 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

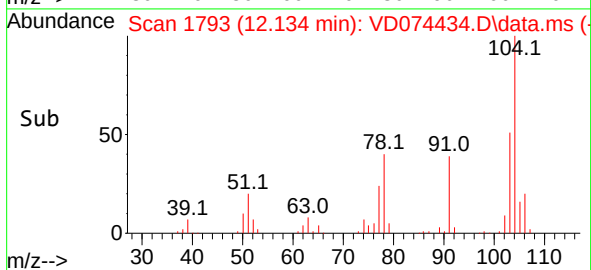
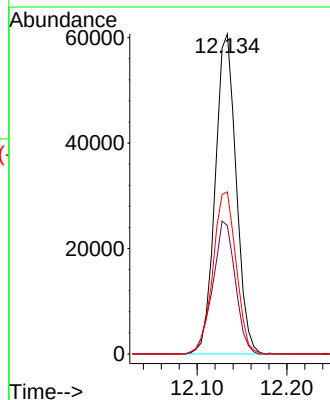
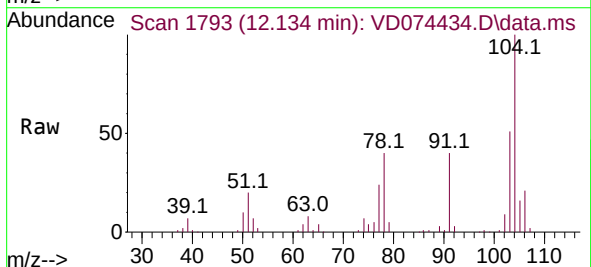
Instrument :
MSVOA_D
ClientSampleId :

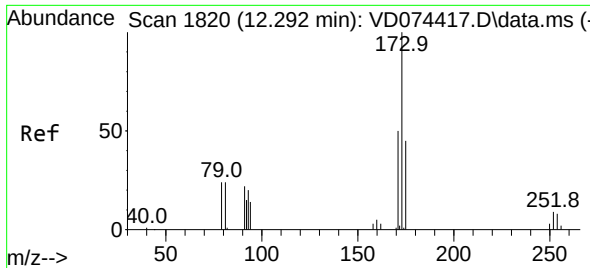
Tgt Ion:106 Resp: 56680
Ion Ratio Lower Upper
106 100
91 204.6 104.5 313.3



#70
Styrene
Concen: 52.740 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:104 Resp: 98390
Ion Ratio Lower Upper
104 100
78 44.4 35.7 53.5
103 56.1 43.7 65.5

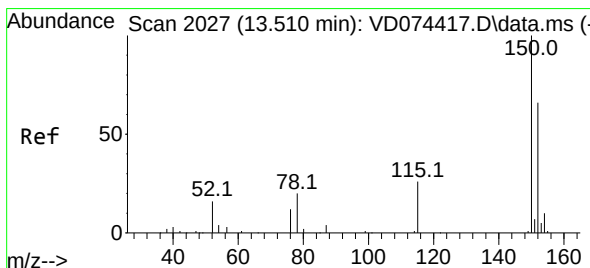
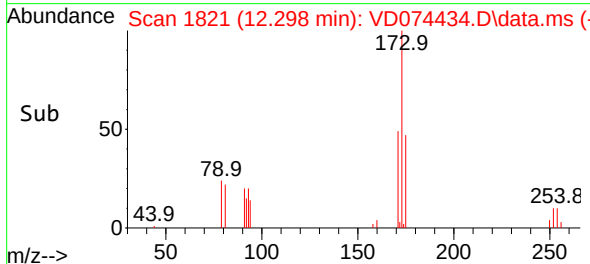
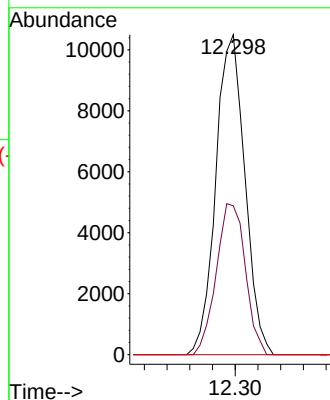
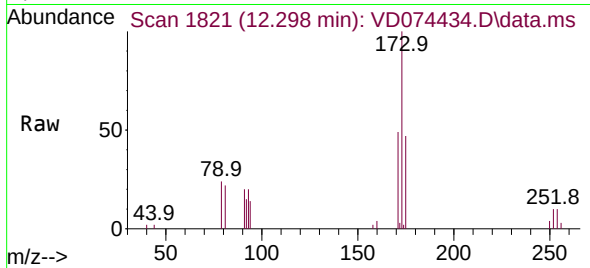




#71
Bromoform
Concen: 55.948 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

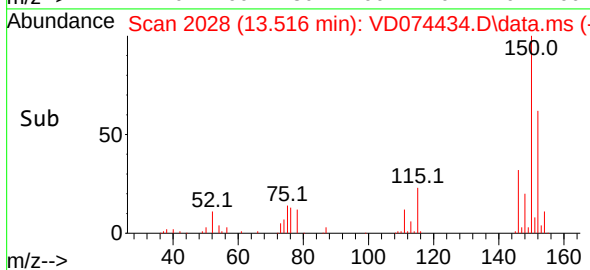
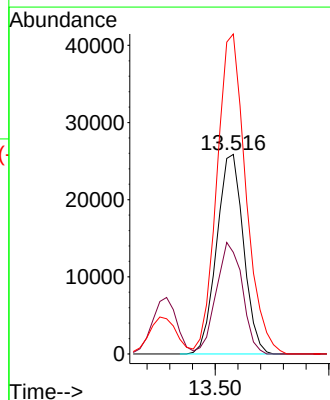
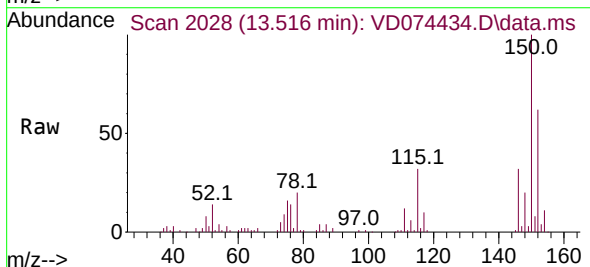
Instrument :
MSVOA_D
ClientSampleId :

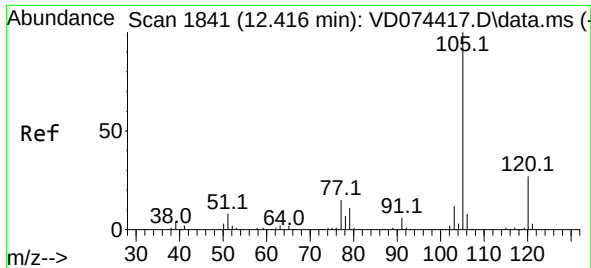
Tgt Ion:173 Resp: 18653
Ion Ratio Lower Upper
173 100
175 47.2 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:152 Resp: 42369
Ion Ratio Lower Upper
152 100
115 54.5 26.8 80.4
150 173.2 0.0 348.2

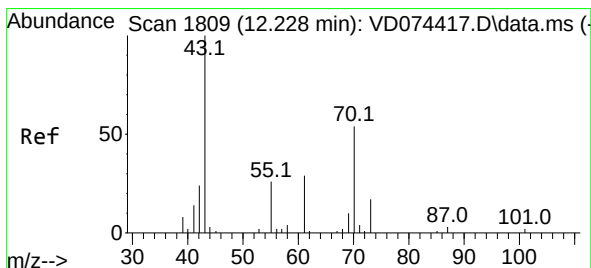
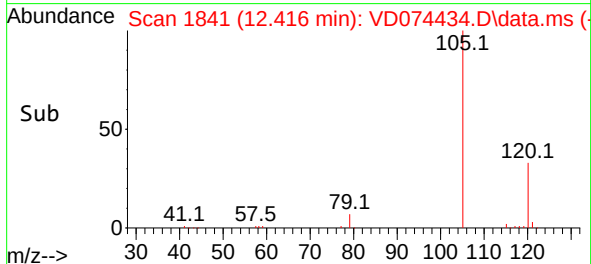
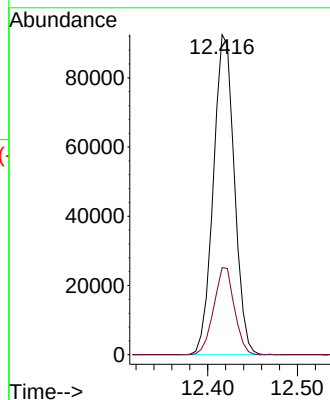
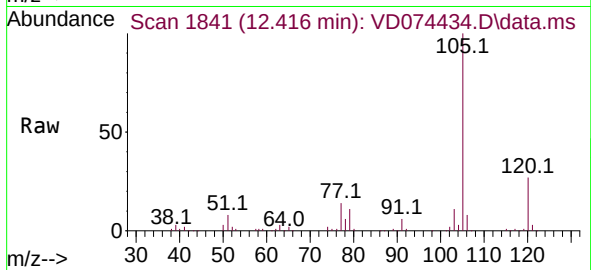




#73
Isopropylbenzene
Concen: 47.703 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

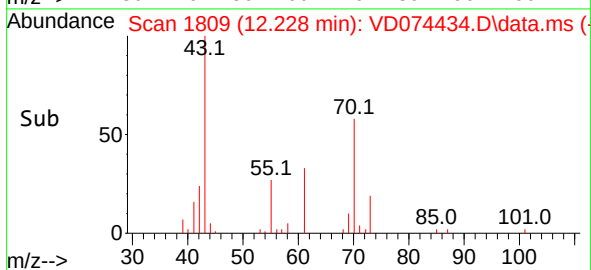
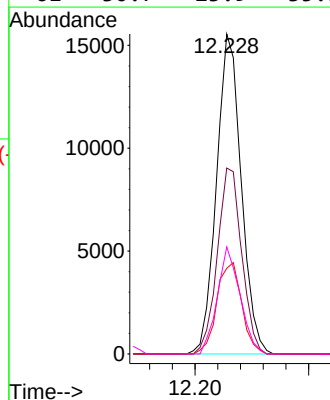
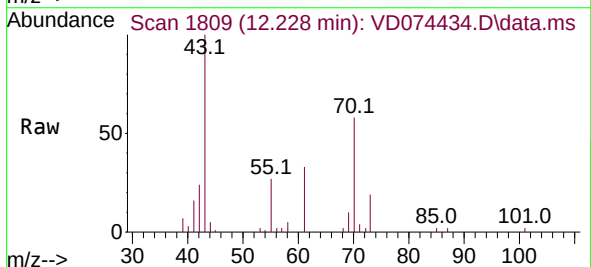
Instrument :
MSVOA_D
ClientSampleId :

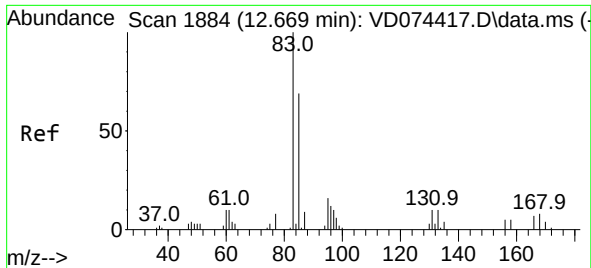
Tgt Ion:105 Resp: 150046
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 47.369 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 43 Resp: 23486
Ion Ratio Lower Upper
43 100
70 57.4 43.8 65.6
55 28.7 22.0 33.0
61 30.7 23.9 35.9

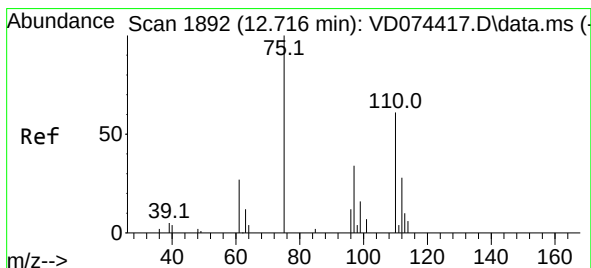
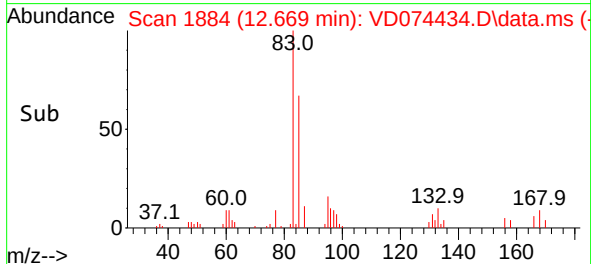
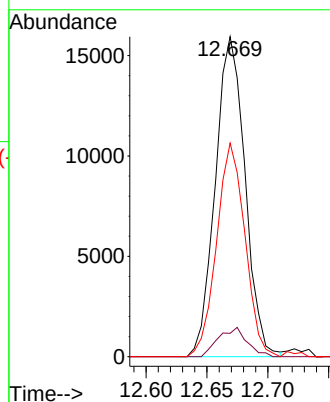
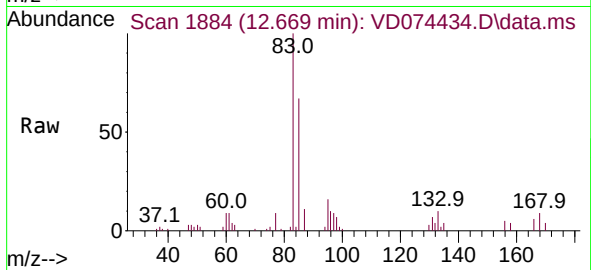




#75
1,1,2,2-Tetrachloroethane
Concen: 49.340 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

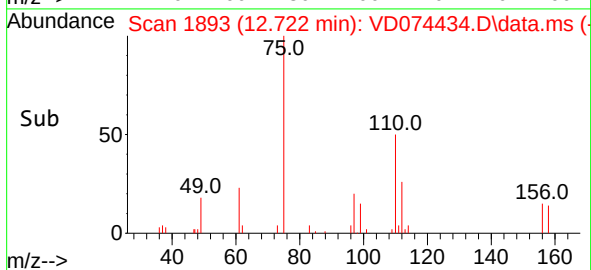
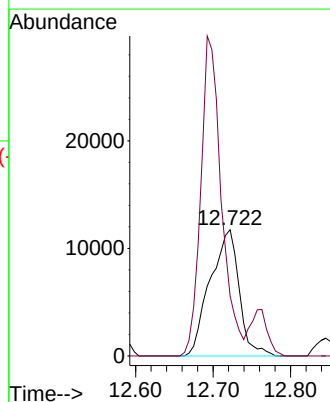
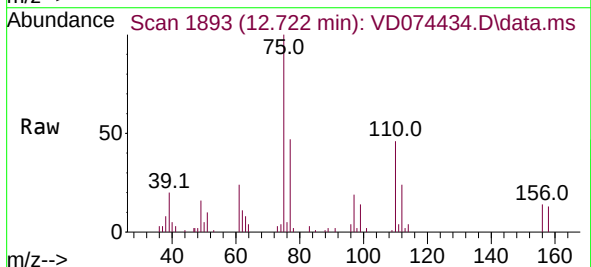
Instrument :
MSVOA_D
ClientSampleId :

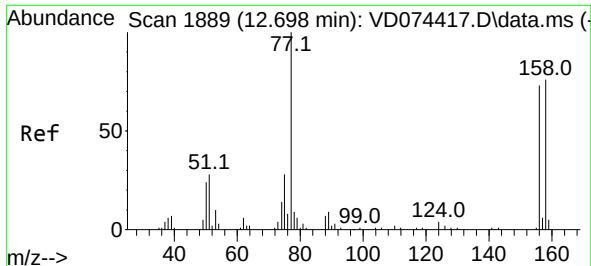
Tgt Ion: 83 Resp: 27077
Ion Ratio Lower Upper
83 100
131 8.8 4.7 14.1
85 63.6 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 92.197 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 75 Resp: 30553
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

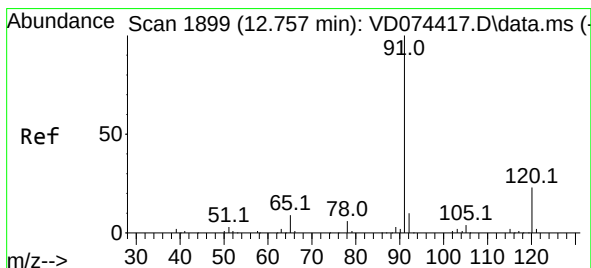
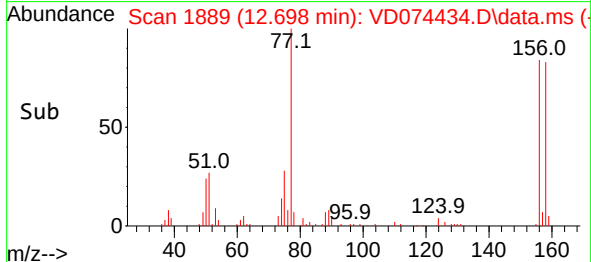
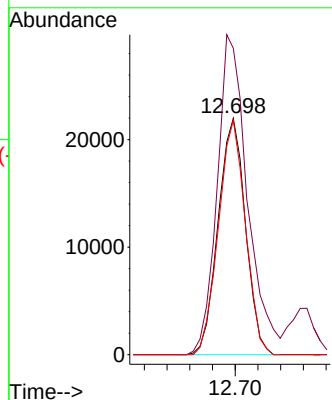
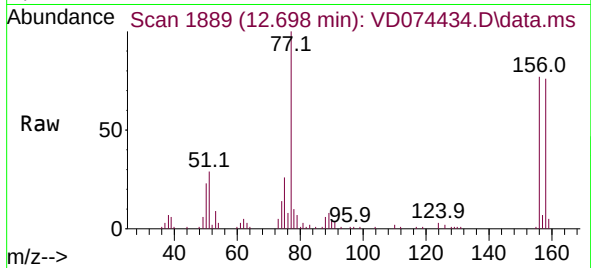




#77
Bromobenzene
Concen: 49.148 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

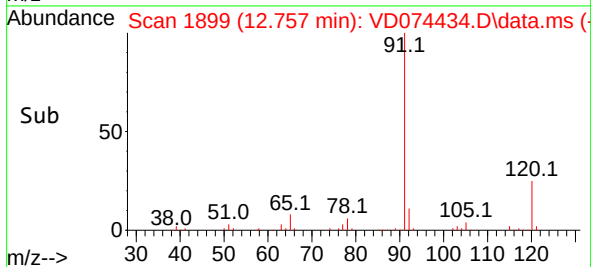
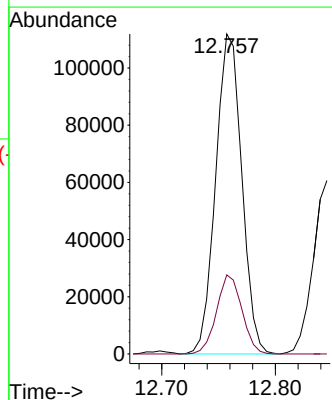
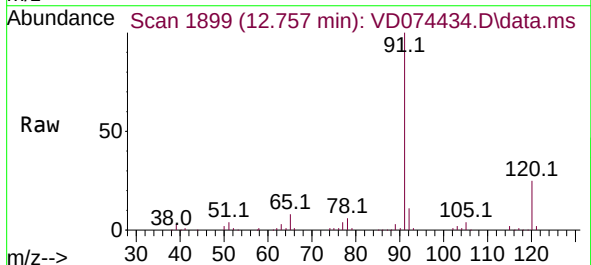
Instrument :
MSVOA_D
ClientSampleId :

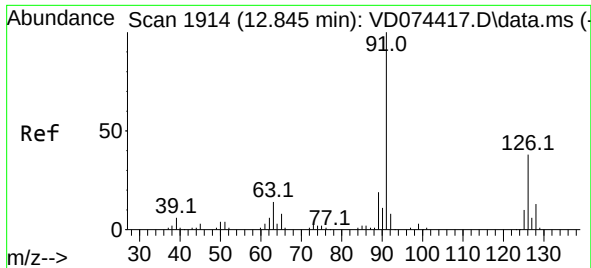
Tgt Ion:156 Resp: 36621
Ion Ratio Lower Upper
156 100
77 150.3 77.7 233.1
158 97.8 49.4 148.2



#78
n-propylbenzene
Concen: 47.258 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 91 Resp: 178830
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.7

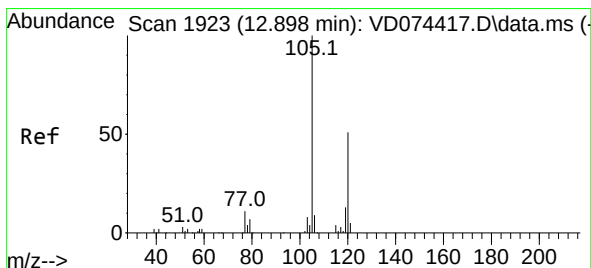
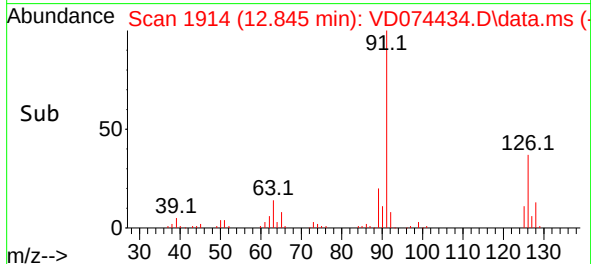
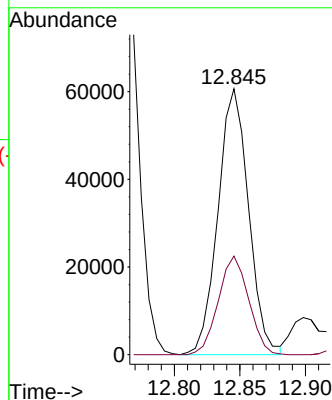
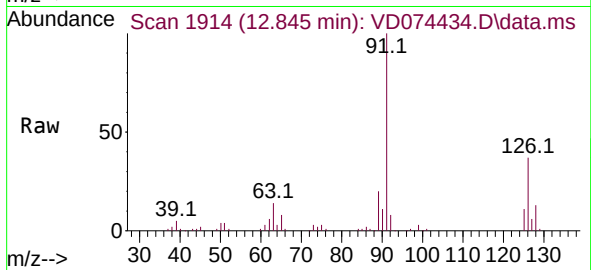




#79
2-Chlorotoluene
Concen: 48.286 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

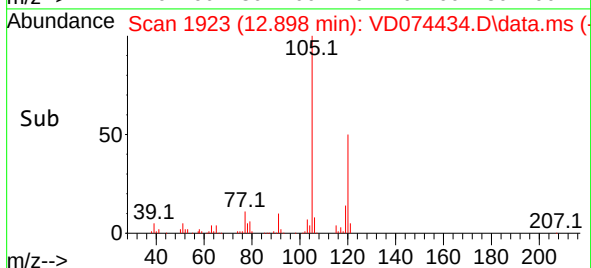
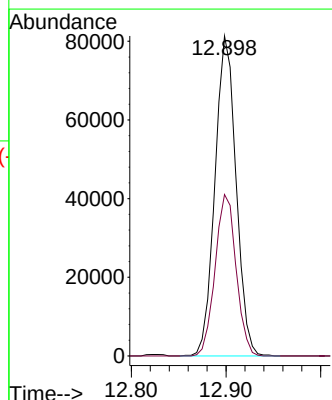
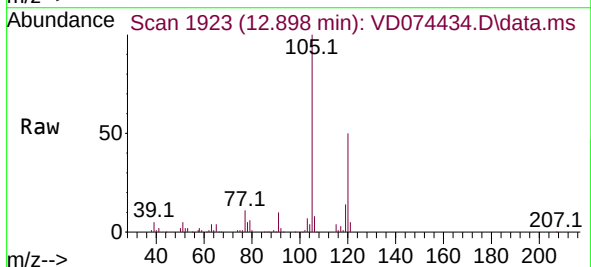
Instrument :
MSVOA_D
ClientSampleId :

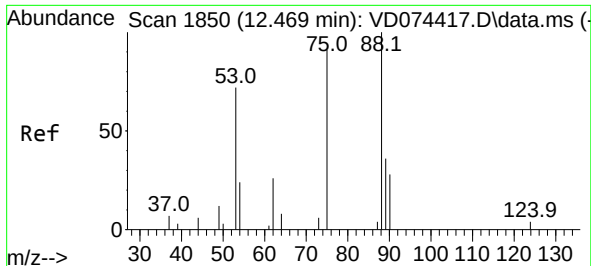
Tgt Ion: 91 Resp: 98616
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 48.465 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 105 Resp: 126116
Ion Ratio Lower Upper
105 100
120 50.1 25.7 77.0

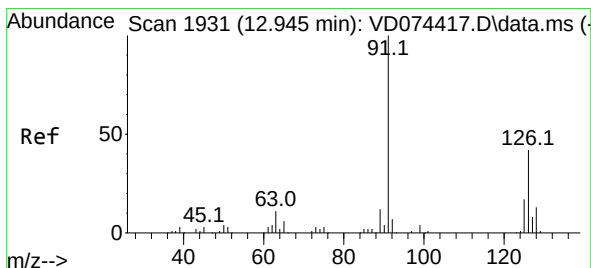
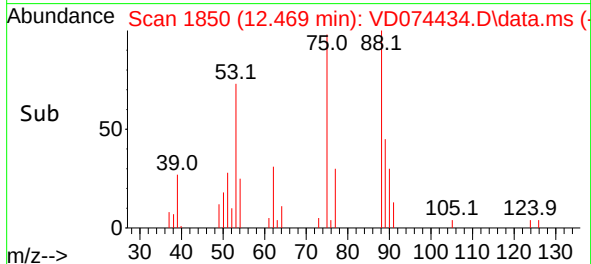
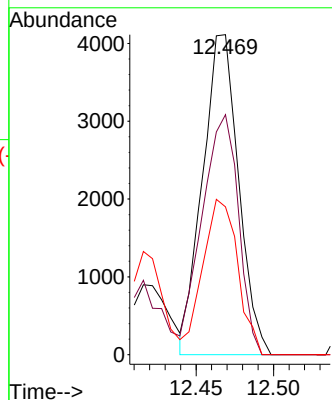
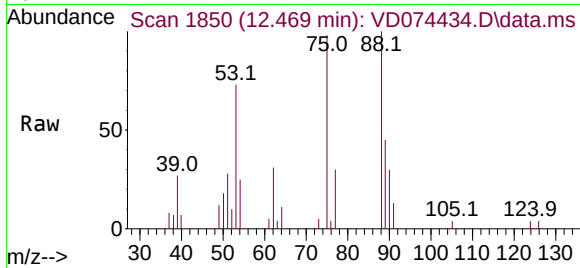




#81
trans-1,4-Dichloro-2-butene
Concen: 48.939 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

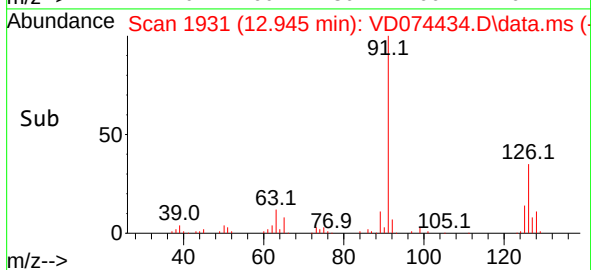
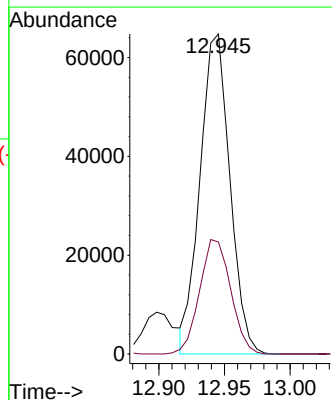
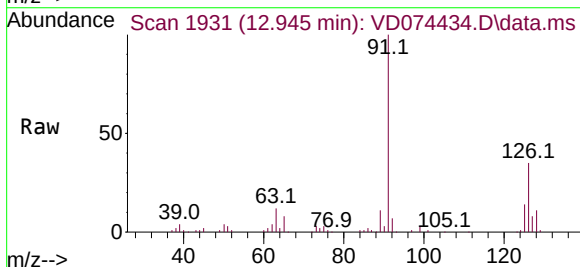
Instrument :
MSVOA_D
ClientSampleId :

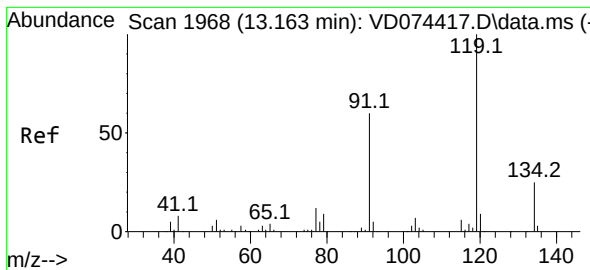
Tgt Ion: 75 Resp: 6646
Ion Ratio Lower Upper
75 100
53 75.4 63.8 95.6
89 47.2 38.2 57.4



#82
4-Chlorotoluene
Concen: 49.059 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 91 Resp: 102718
Ion Ratio Lower Upper
91 100
126 37.3 18.8 56.4

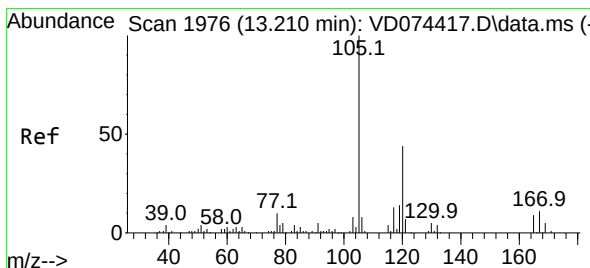
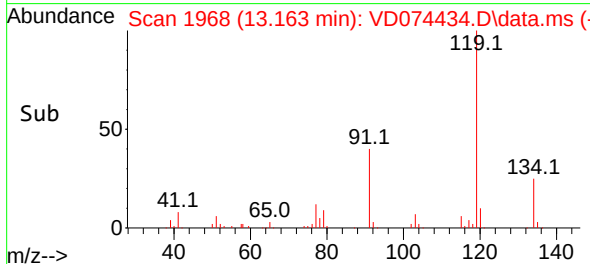
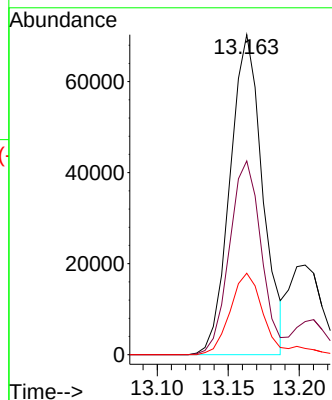
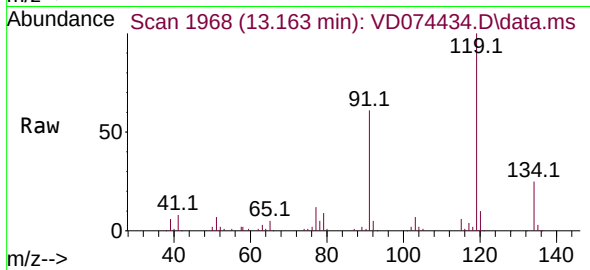




#83
tert-Butylbenzene
Concen: 47.667 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

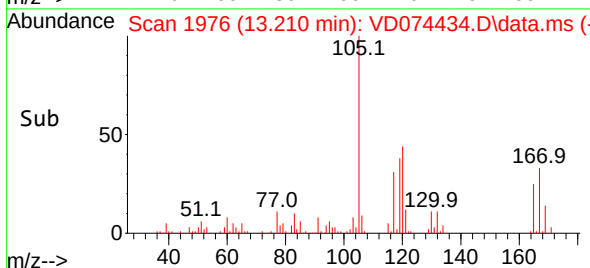
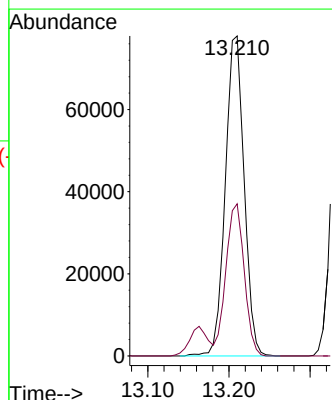
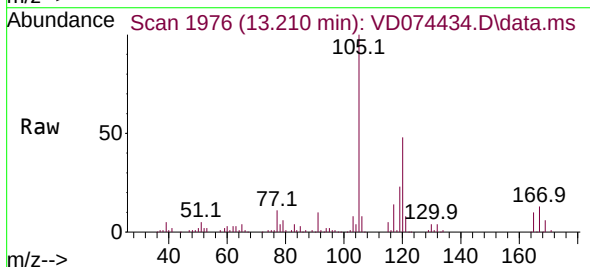
Instrument :
MSVOA_D
ClientSampleId :

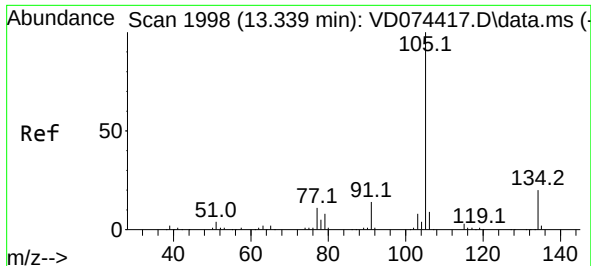
Tgt Ion:119 Resp: 112254
Ion Ratio Lower Upper
119 100
91 60.2 30.0 90.0
134 25.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 48.475 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:105 Resp: 125582
Ion Ratio Lower Upper
105 100
120 46.4 22.9 68.7

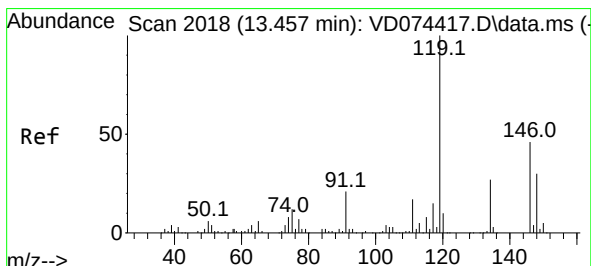
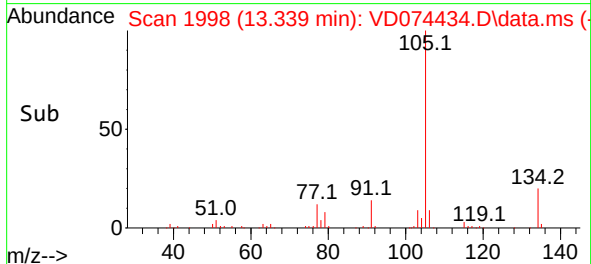
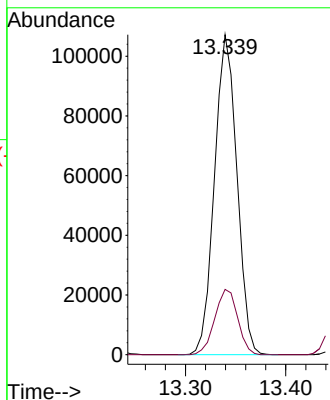
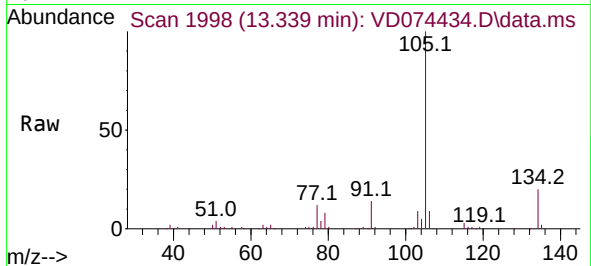




#85
 sec-Butylbenzene
 Concen: 47.234 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

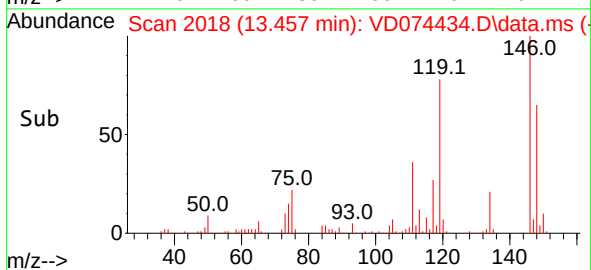
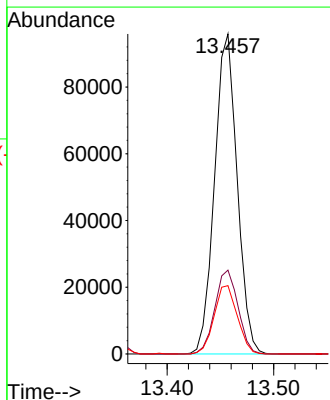
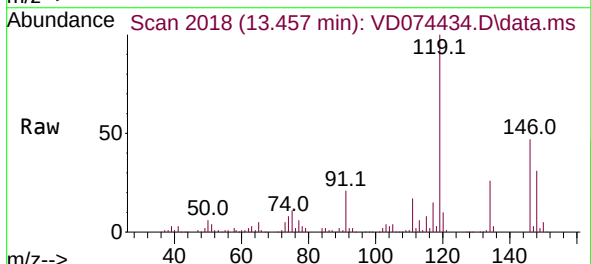
Instrument :
 MSVOA_D
 ClientSampleId :

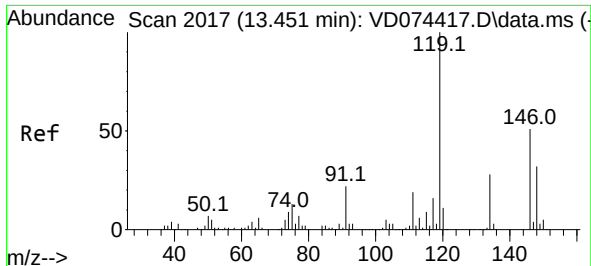
Tgt Ion:105 Resp: 166479
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 47.906 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

Tgt Ion:119 Resp: 141126
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 22.0 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 49.229 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :

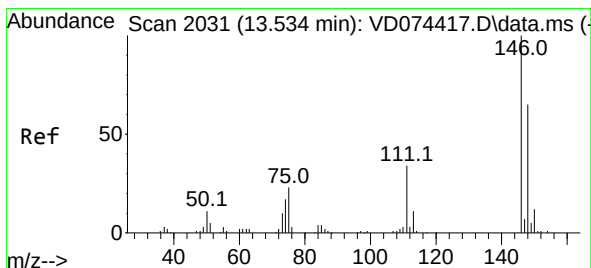
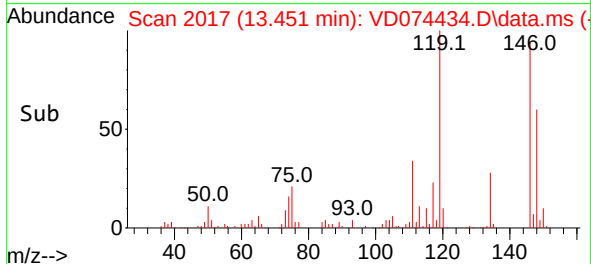
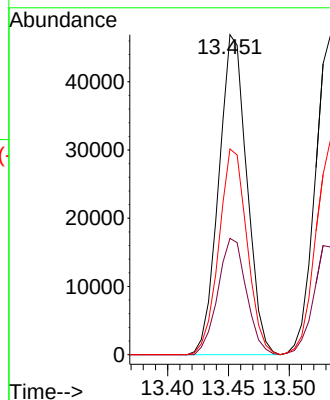
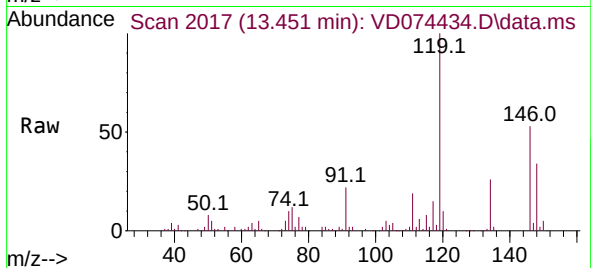
Tgt Ion:146 Resp: 75291

Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

148 64.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.441 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

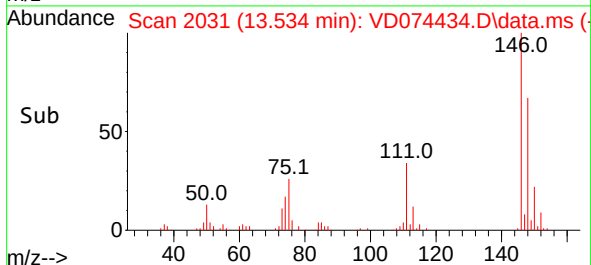
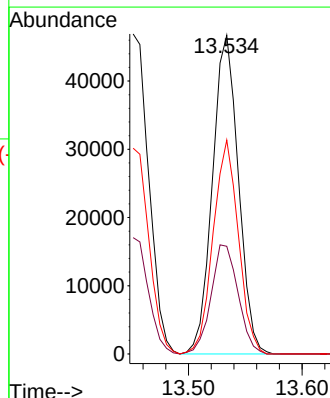
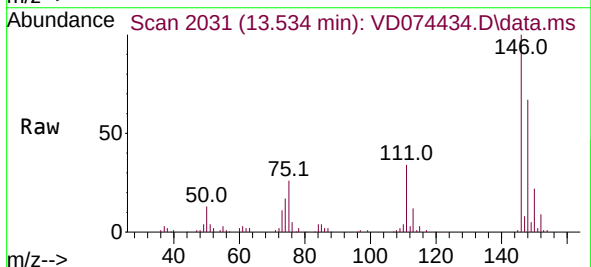
Tgt Ion:146 Resp: 74160

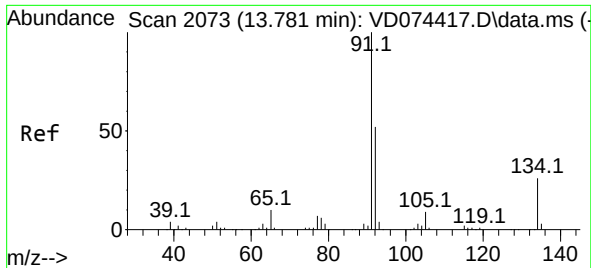
Ion Ratio Lower Upper

146 100

111 35.7 17.7 53.1

148 65.2 32.3 96.9

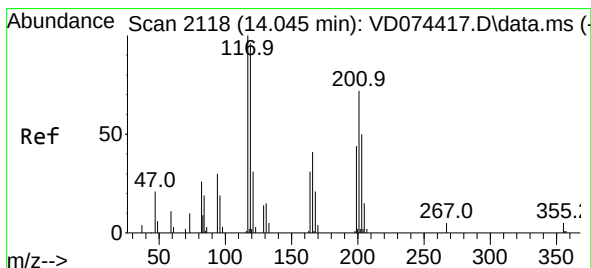
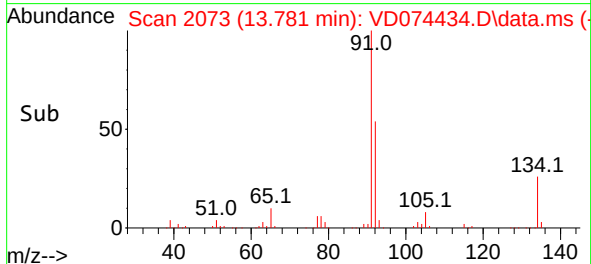
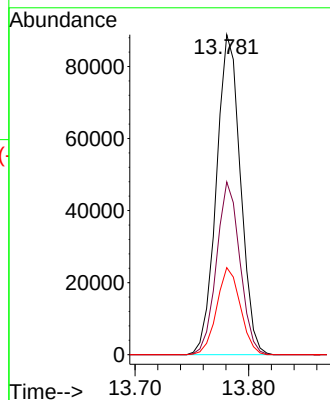
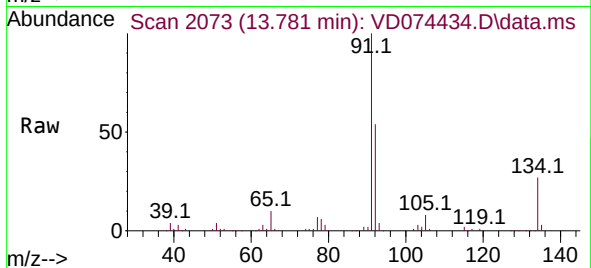




#89
n-Butylbenzene
Concen: 47.890 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

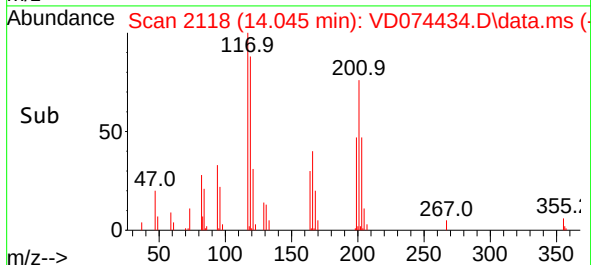
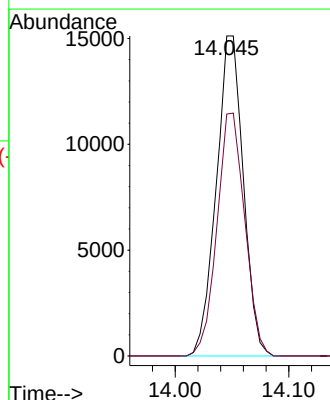
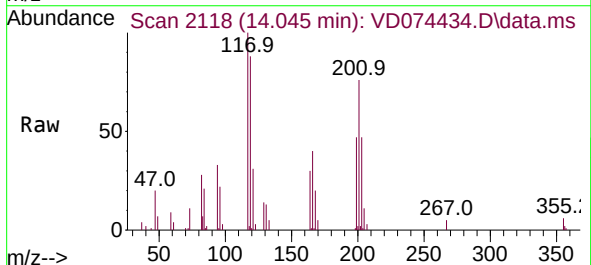
Instrument :
MSVOA_D
ClientSampleId :

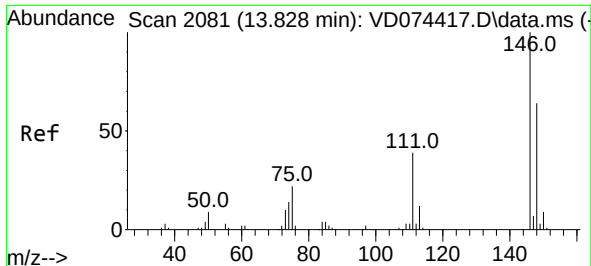
Tgt Ion: 91 Resp: 130809
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 48.070 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion: 117 Resp: 25065
Ion Ratio Lower Upper
117 100
201 77.9 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 50.334 ug/l

RT: 13.822 min Scan# 2081

Delta R.T. -0.006 min

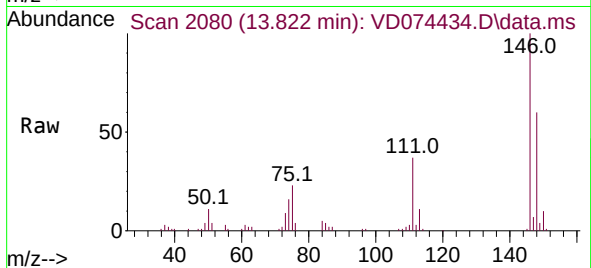
Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

Instrument :

MSVOA_D

ClientSampleId :



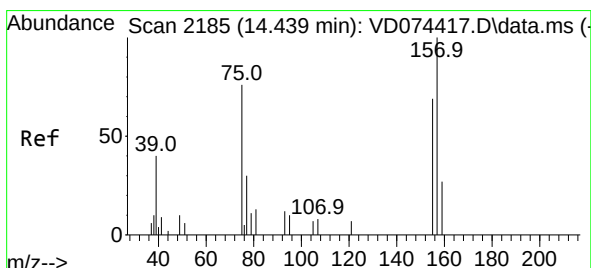
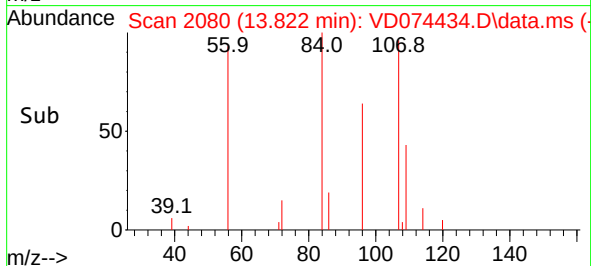
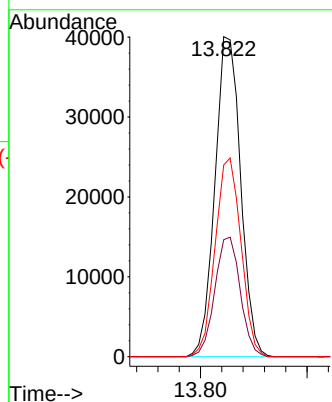
Tgt Ion:146 Resp: 67124

Ion Ratio Lower Upper

146 100

111 37.0 18.9 56.5

148 62.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.439 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD074434.D

Acq: 26 Sep 2022 22:19

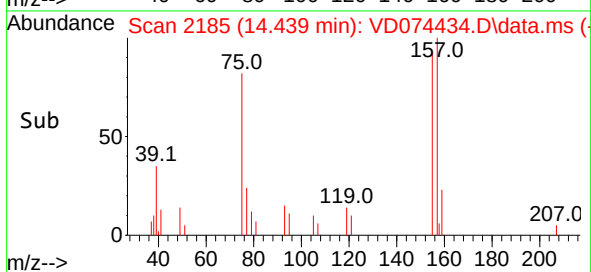
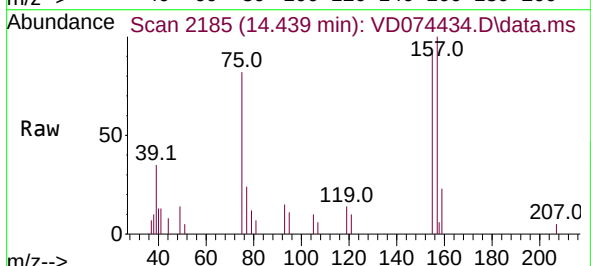
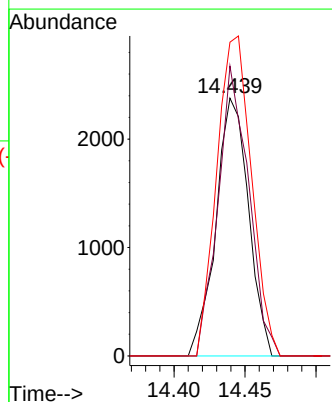
Tgt Ion: 75 Resp: 3788

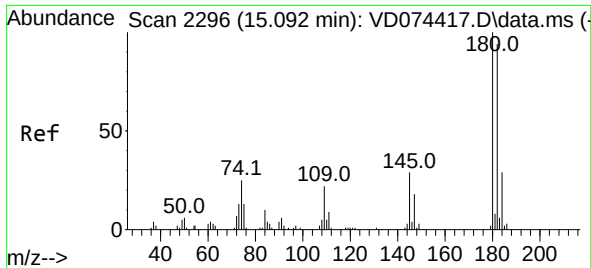
Ion Ratio Lower Upper

75 100

155 106.3 51.2 153.8

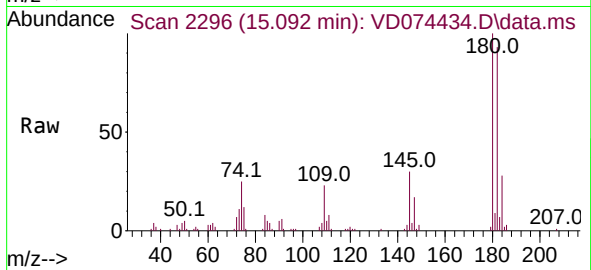
157 132.8 68.2 204.5



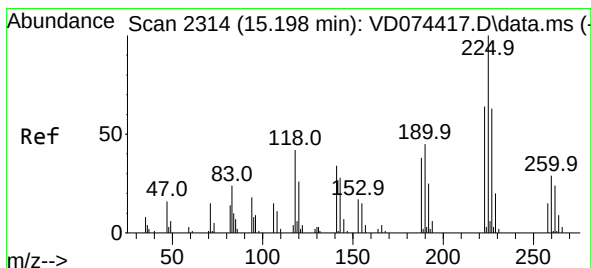
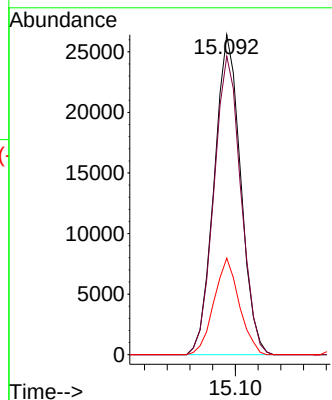
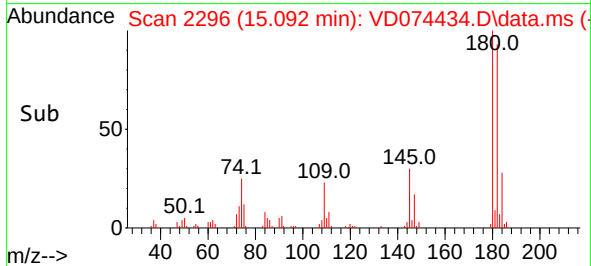


#93
 1,2,4-Trichlorobenzene
 Concen: 47.243 ug/l
 RT: 15.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19

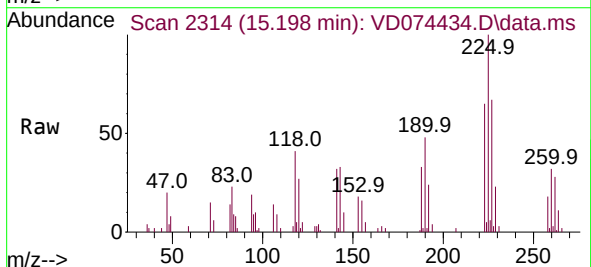
Instrument :
 MSVOA_D
 ClientSampleId :



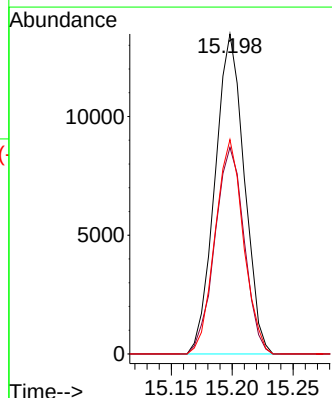
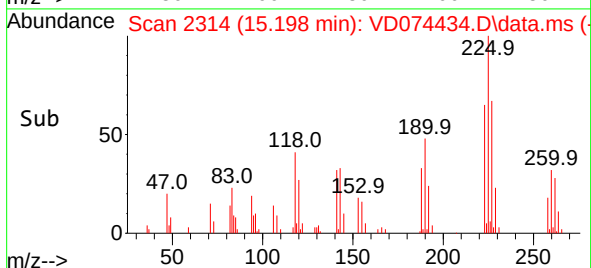
Tgt Ion:180 Resp: 42663
 Ion Ratio Lower Upper
 180 100
 182 95.2 46.9 140.6
 145 28.9 14.1 42.3

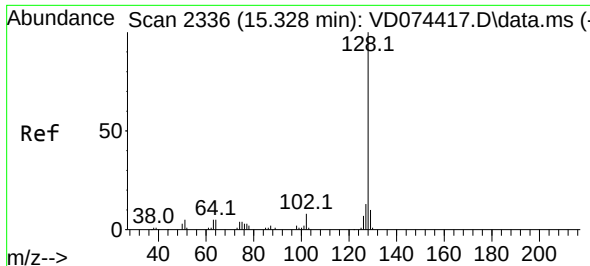


#94
 Hexachlorobutadiene
 Concen: 45.558 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD074434.D
 Acq: 26 Sep 2022 22:19



Tgt Ion:225 Resp: 22548
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.9 95.5
 227 64.9 32.6 97.8

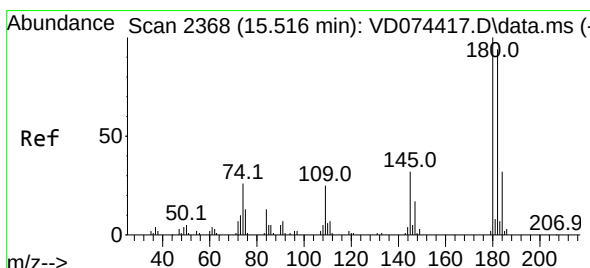
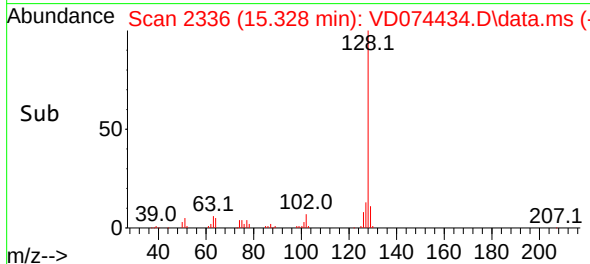
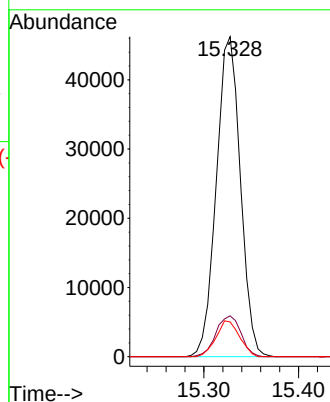
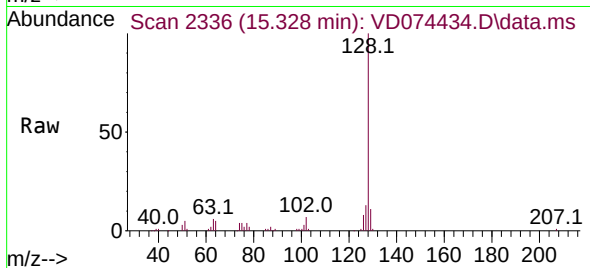




#95
Naphthalene
Concen: 49.612 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	81592
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.0	8.3	12.5



#96
1,2,3-Trichlorobenzene
Concen: 48.086 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD074434.D
Acq: 26 Sep 2022 22:19

Tgt Ion:	180	Resp:	37238
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.7	140.1
145	30.5	14.9	44.7

