

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075076.D
 Acq On : 28 Dec 2022 20:02
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 29 03:54:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	196109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	168027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	57012	54.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.810	113	60484	52.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.820%	
50) Toluene-d8	10.269	98	235769	50.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.120%	
62) 4-Bromofluorobenzene	12.575	95	78337	51.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	14244	26.460	ug/l	95
3) Chloromethane	2.146	50	21927	23.196	ug/l	88
4) Vinyl Chloride	2.281	62	20749	23.580	ug/l	97
5) Bromomethane	2.681	94	13575	34.299	ug/l	98
6) Chloroethane	2.834	64	15843	28.438	ug/l	94
7) Trichlorofluoromethane	3.170	101	32228	23.865	ug/l	100
8) Diethyl Ether	3.587	74	11271	21.766	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.964	101	21066	22.141	ug/l	97
10) Methyl Iodide	4.164	142	21606	26.454	ug/l	95
11) Tert butyl alcohol	5.064	59	7859	89.588	ug/l #	97
12) 1,1-Dichloroethene	3.946	96	22038	23.972	ug/l	95
13) Acrolein	3.799	56	12448	99.694	ug/l	99
14) Allyl chloride	4.569	41	36251	22.661	ug/l #	92
15) Acrylonitrile	5.258	53	26828	102.316	ug/l	100
16) Acetone	4.022	43	22600	83.900	ug/l	94
17) Carbon Disulfide	4.275	76	51111	28.006	ug/l	97
18) Methyl Acetate	4.564	43	16616	23.999	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	51437	21.065	ug/l	91
20) Methylene Chloride	4.805	84	30680	21.887	ug/l #	87
21) trans-1,2-Dichloroethene	5.316	96	23389	22.924	ug/l	93
22) Diisopropyl ether	6.222	45	72991	21.182	ug/l #	91
23) Vinyl Acetate	6.158	43	80818	51.860	ug/l	95
24) 1,1-Dichloroethane	6.116	63	45077	22.397	ug/l	96
25) 2-Butanone	7.081	43	32610	90.719	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	37409	20.807	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	28767	22.352	ug/l	88
28) Bromochloromethane	7.428	49	15250	21.889	ug/l #	80
29) Tetrahydrofuran	7.446	42	19675	94.940	ug/l #	83
30) Chloroform	7.599	83	45121	22.959	ug/l	95
31) Cyclohexane	7.875	56	38512	24.400	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	37990	22.339	ug/l	94
36) 1,1-Dichloropropene	8.010	75	32624	21.887	ug/l	99
37) Ethyl Acetate	7.175	43	15523	20.616	ug/l #	94
38) Carbon Tetrachloride	7.993	117	26067	20.224	ug/l	94
39) Methylcyclohexane	9.275	83	39892	22.037	ug/l	92
40) Benzene	8.252	78	98365	21.676	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9408	20.082	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	26318	22.731	ug/l	98
43) Isopropyl Acetate	8.363	43	28293	18.678	ug/l #	92
44) Trichloroethene	9.028	130	26343	21.076	ug/l	98
45) 1,2-Dichloropropane	9.304	63	25434	20.925	ug/l	97
46) Dibromomethane	9.393	93	12500	20.677	ug/l	99
47) Bromodichloromethane	9.587	83	32739	20.796	ug/l	97
48) Methyl methacrylate	9.375	41	13932	20.249	ug/l #	81
49) 1,4-Dioxane	9.381	88	2865	376.067	ug/l #	92
51) 4-Methyl-2-Pentanone	10.163	43	70128	93.719	ug/l	92
52) Toluene	10.334	92	61579	21.309	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	29021	18.947	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	36134	19.576	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	18397	20.783	ug/l	97
56) Ethyl methacrylate	10.599	69	22717	19.496	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	31675	21.404	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	33678	70.414	ug/l	95
59) 2-Hexanone	10.922	43	46796	85.999	ug/l	90
60) Dibromochloromethane	11.075	129	21211	20.915	ug/l	96
61) 1,2-Dibromoethane	11.181	107	16872	21.260	ug/l	96
64) Tetrachloroethene	10.810	164	21433	21.792	ug/l	94
65) Chlorobenzene	11.610	112	66612	21.706	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	22639	21.303	ug/l	99
67) Ethyl Benzene	11.687	91	117185	20.864	ug/l	98
68) m/p-Xylenes	11.793	106	91772	43.095	ug/l	100
69) o-Xylene	12.122	106	43342	21.158	ug/l	98
70) Styrene	12.140	104	74155	21.532	ug/l	97
71) Bromoform	12.304	173	11484	19.917	ug/l #	97
73) Isopropylbenzene	12.422	105	116664	20.523	ug/l	99
74) N-amyl acetate	12.234	43	25666	17.788	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	19453	19.191	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	23616	31.065	ug/l #	100
77) Bromobenzene	12.704	156	25257	20.815	ug/l	95
78) n-propylbenzene	12.763	91	142636	20.486	ug/l	99
79) 2-Chlorotoluene	12.851	91	77067	20.260	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	93047	20.297	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	4679	14.265	ug/l	91
82) 4-Chlorotoluene	12.951	91	78933	20.338	ug/l	99
83) tert-Butylbenzene	13.169	119	81948	20.193	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	88682	19.889	ug/l	98
85) sec-Butylbenzene	13.345	105	124541	19.988	ug/l	98
86) p-Isopropyltoluene	13.463	119	100390	20.197	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	49430	20.850	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	48716	20.571	ug/l	97
89) n-Butylbenzene	13.787	91	98310	19.803	ug/l	98
90) Hexachloroethane	14.057	117	17131	19.395	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	44664	21.321	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2760	17.720	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	26164	19.008	ug/l	96
94) Hexachlorobutadiene	15.204	225	12266	17.826	ug/l	97
95) Naphthalene	15.334	128	52874	18.404	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	22241	18.827	ug/l	94

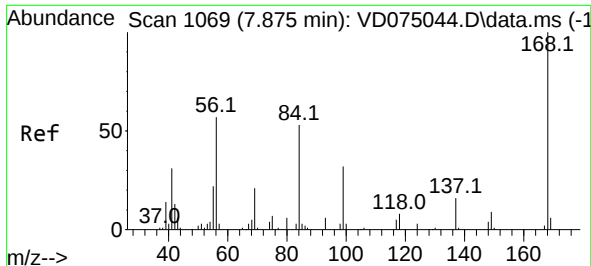
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Quant Title : SW846 8260
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Response via : Initial Calibration

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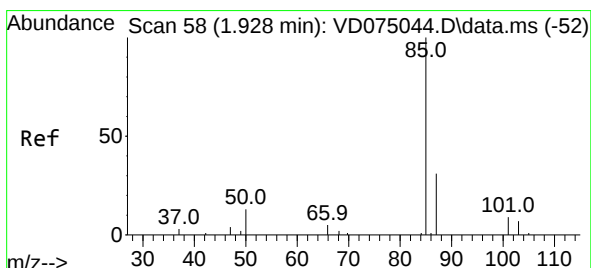
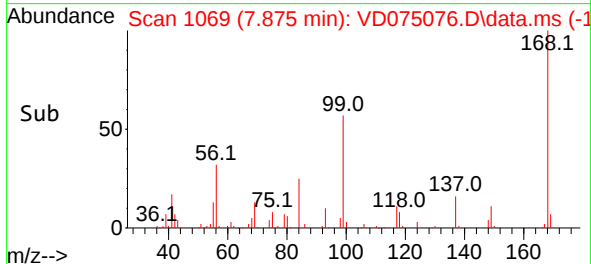
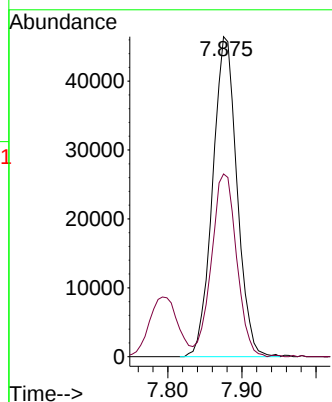
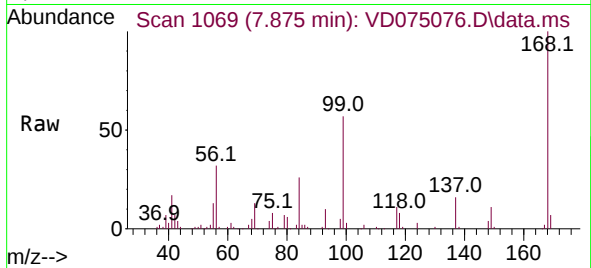
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

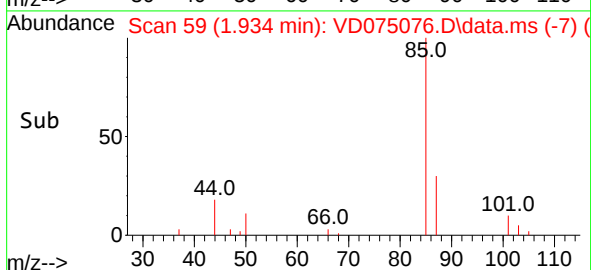
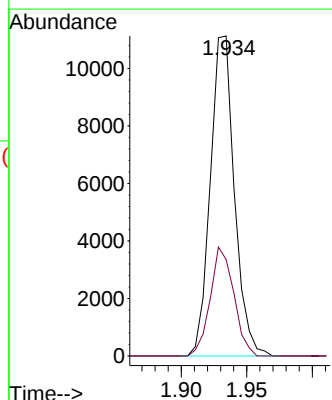
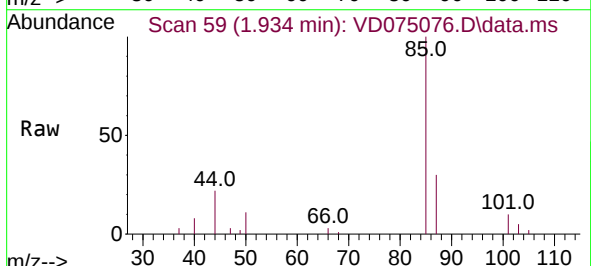
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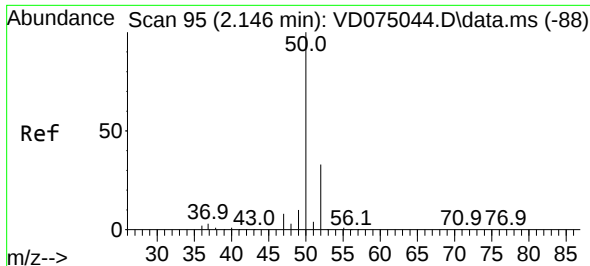
Tgt Ion:168 Resp: 106105
Ion Ratio Lower Upper
168 100
99 56.7 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 26.460 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 85 Resp: 14244
Ion Ratio Lower Upper
85 100
87 30.2 16.5 49.5

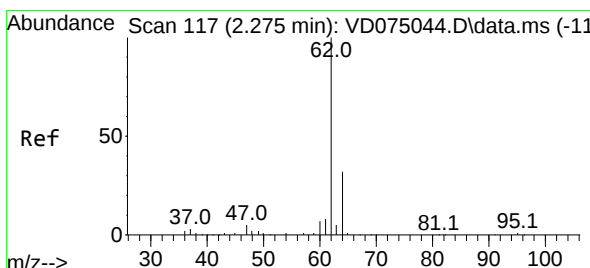
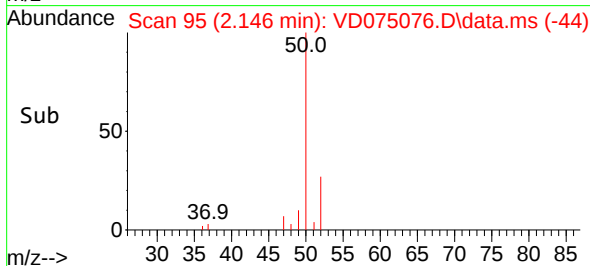
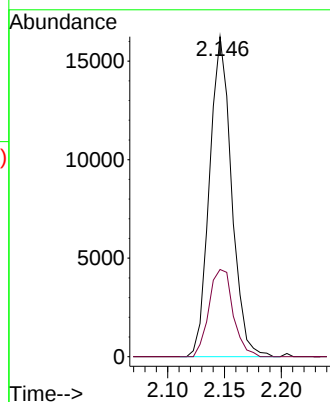
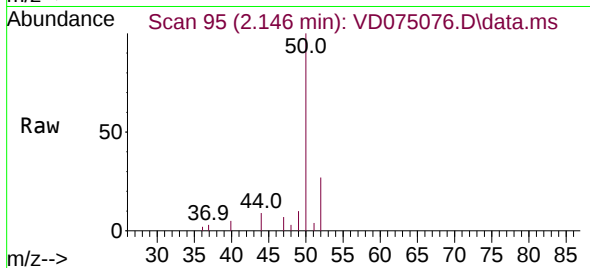




#3
Chloromethane
Concen: 23.196 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

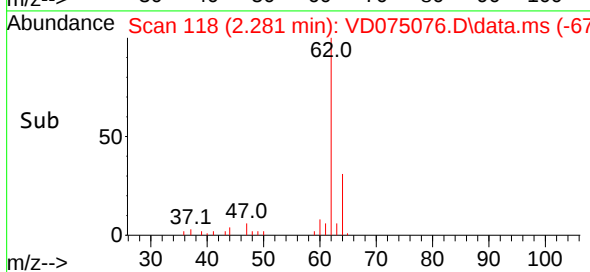
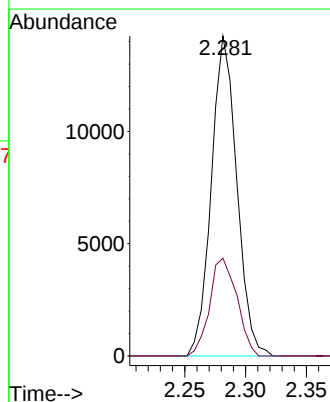
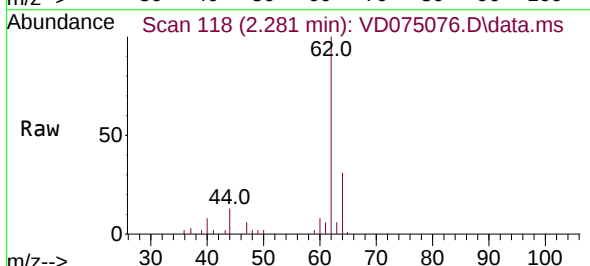
Instrument :
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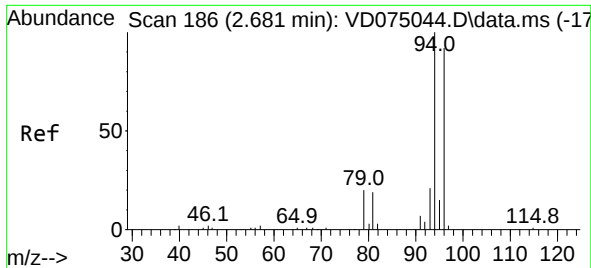
Tgt Ion: 50 Resp: 21927
Ion Ratio Lower Upper
50 100
52 27.2 27.2 40.8



#4
Vinyl Chloride
Concen: 23.580 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 62 Resp: 20749
Ion Ratio Lower Upper
62 100
64 30.5 25.8 38.6

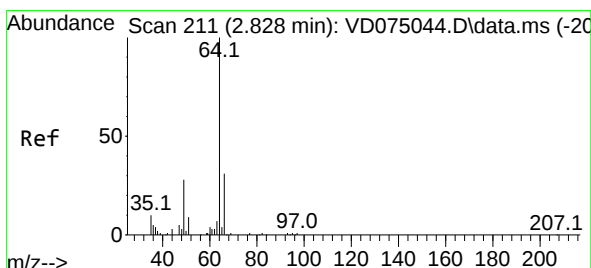
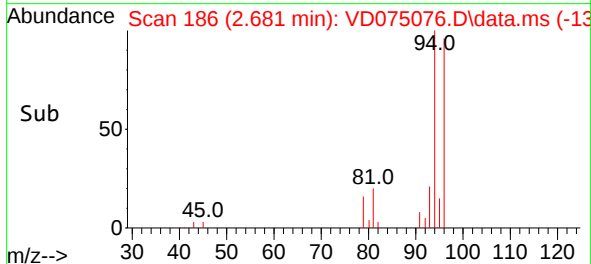
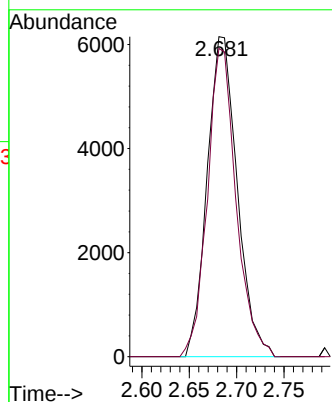
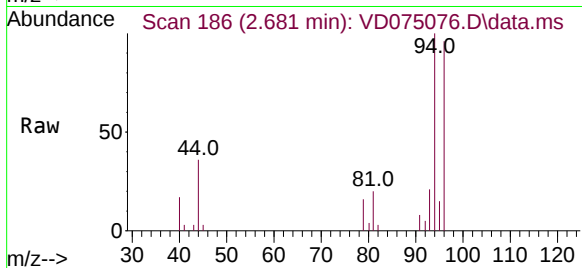




#5
Bromomethane
Concen: 34.299 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

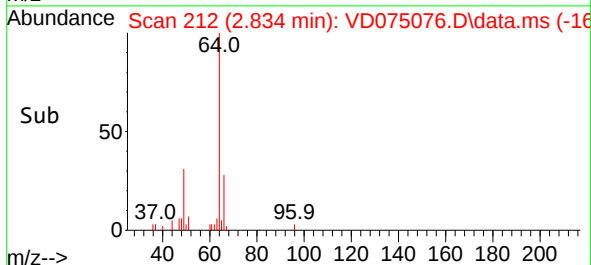
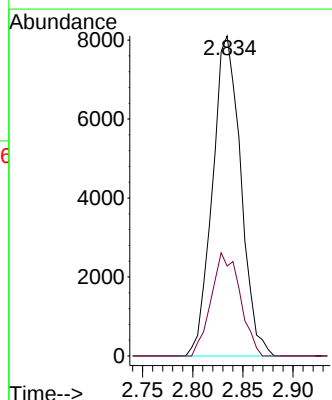
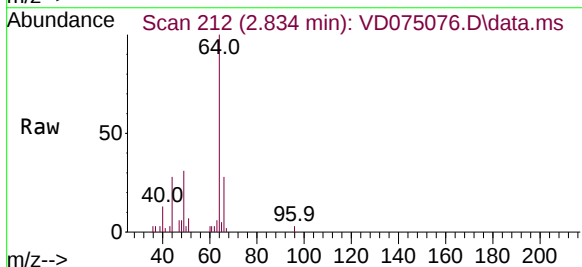
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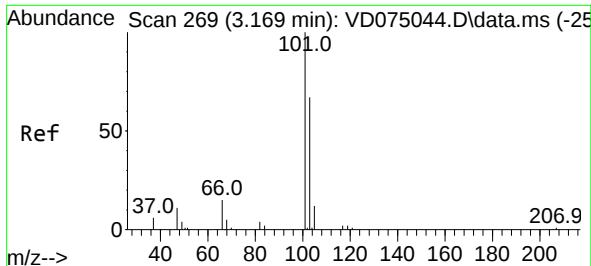
Tgt Ion: 94 Resp: 13575
Ion Ratio Lower Upper
94 100
96 92.2 75.2 112.8



#6
Chloroethane
Concen: 28.438 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 64 Resp: 15843
Ion Ratio Lower Upper
64 100
66 28.1 25.1 37.7

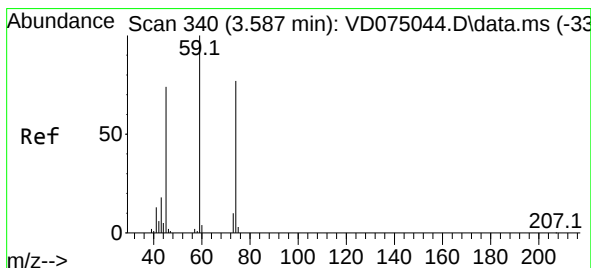
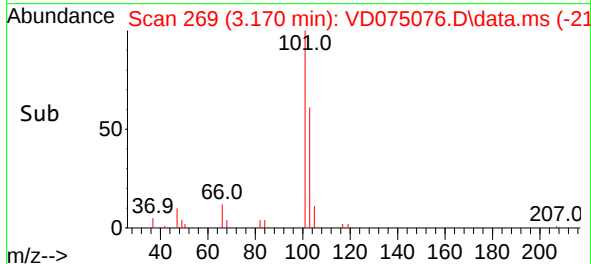
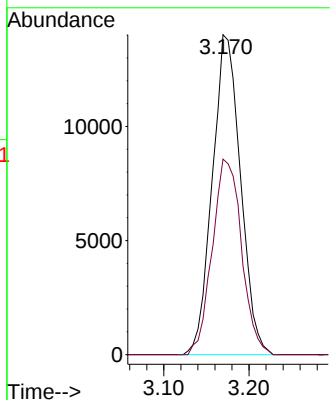
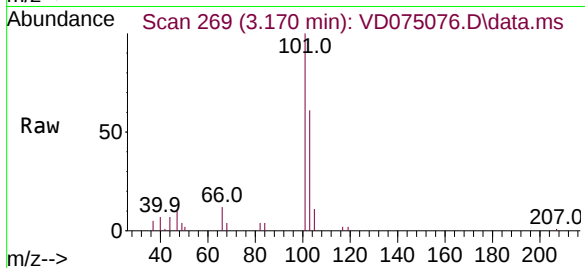




#7
 Trichlorofluoromethane
 Concen: 23.865 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.001 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

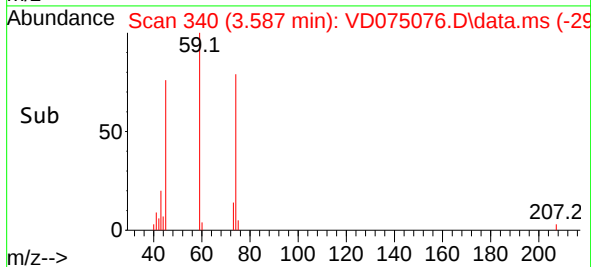
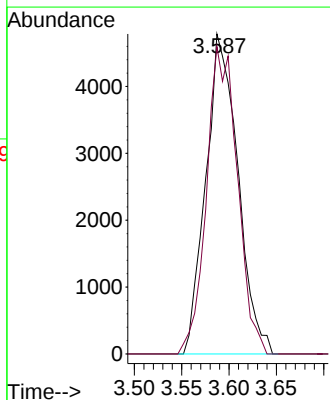
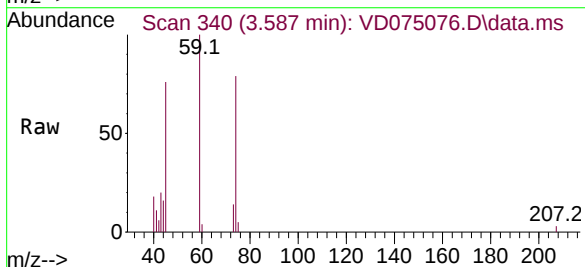
Instrument :
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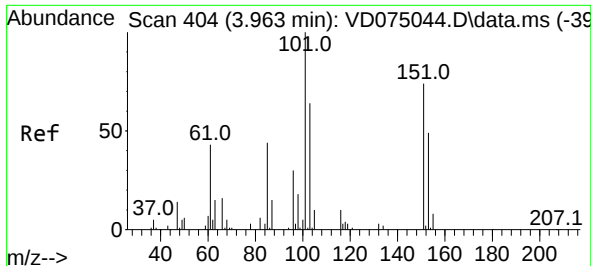
Tgt Ion:101 Resp: 32228
 Ion Ratio Lower Upper
 101 100
 103 61.1 49.1 73.7



#8
 Diethyl Ether
 Concen: 21.766 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion: 74 Resp: 11271
 Ion Ratio Lower Upper
 74 100
 45 92.5 40.2 120.5

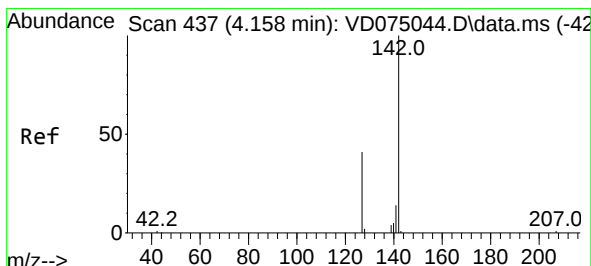
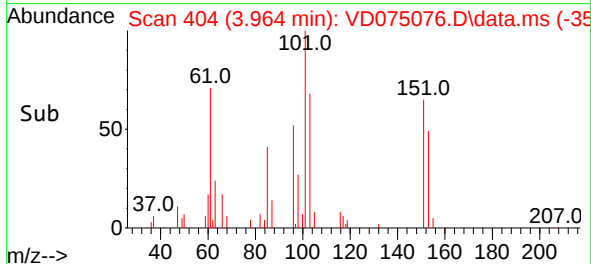
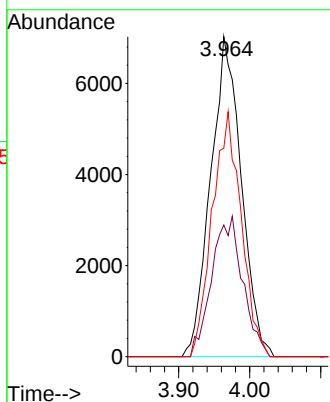
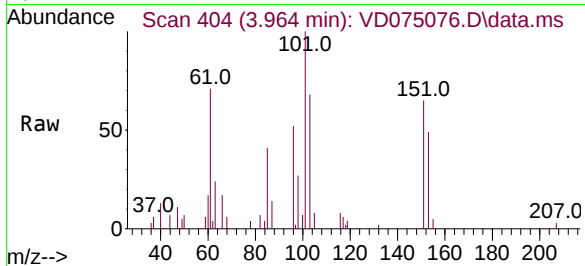




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.141 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075076.D
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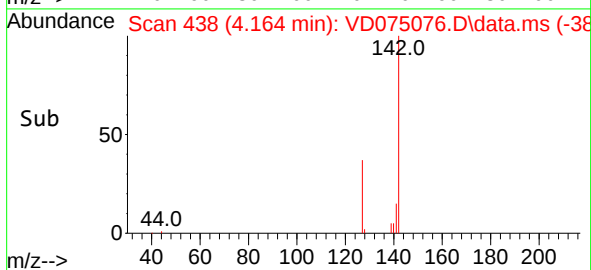
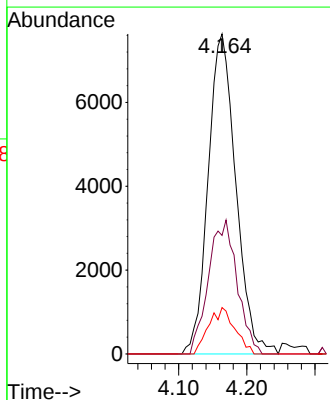
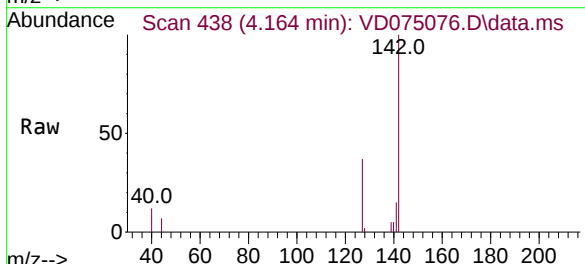
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

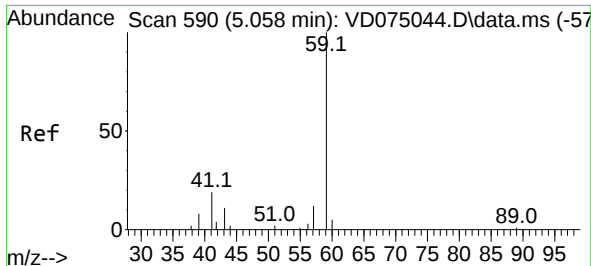
Tgt Ion:	101	Resp:	21066
Ion	Ratio	Lower	Upper
101	100		
85	44.3	33.4	50.0
151	72.3	58.9	88.3



#10
Methyl Iodide
Concen: 26.454 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:	142	Resp:	21606
Ion	Ratio	Lower	Upper
142	100		
127	43.2	31.4	47.2
141	13.7	11.4	17.2

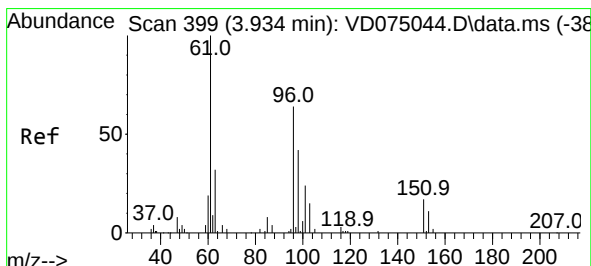
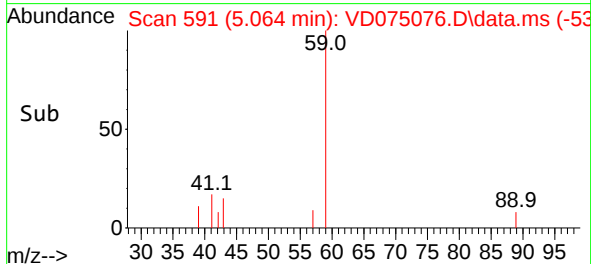
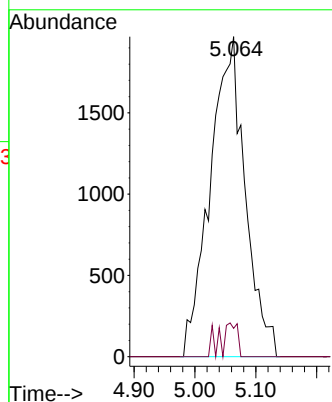
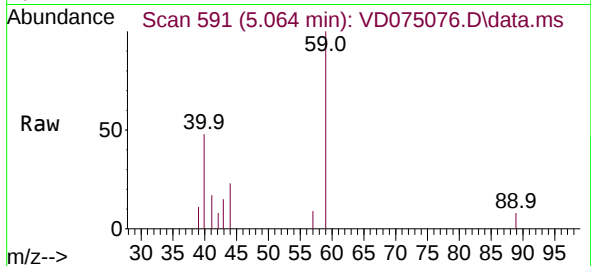




#11
Tert butyl alcohol
Concen: 89.588 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

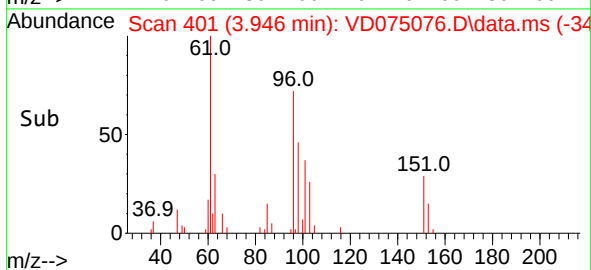
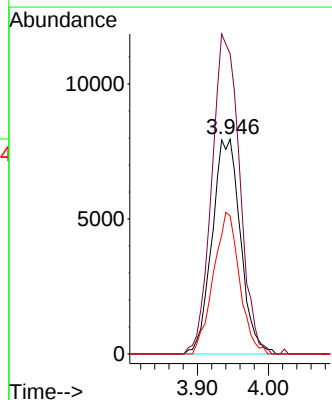
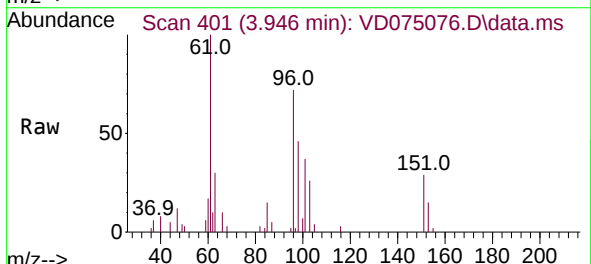
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

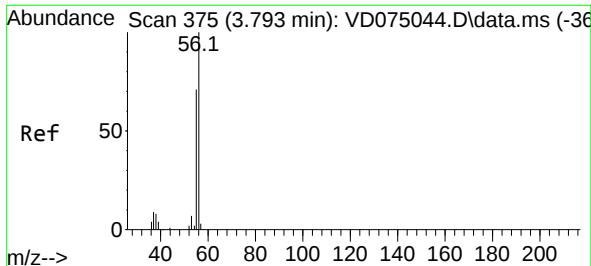
Tgt Ion: 59 Resp: 7859
Ion Ratio Lower Upper
59 100
57 4.3 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 23.972 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.012 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 96 Resp: 22038
Ion Ratio Lower Upper
96 100
61 139.8 104.9 157.3
98 64.3 51.8 77.8





#13

Acrolein

Concen: 99.694 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

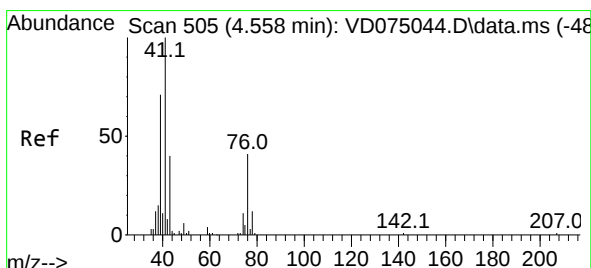
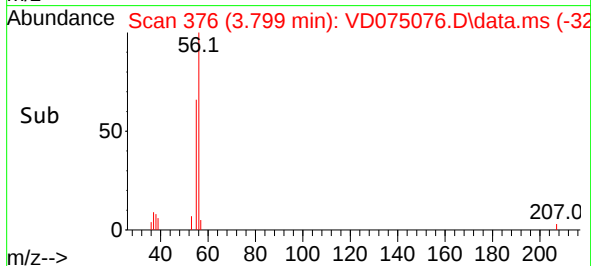
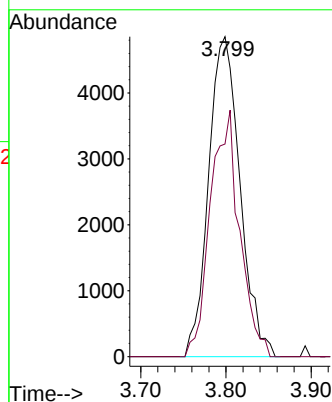
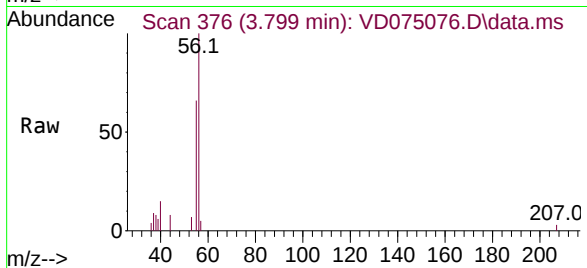
VSTDCCC050EC

Tgt Ion: 56 Resp: 12448

Ion Ratio Lower Upper

56 100

55 71.4 56.6 84.8



#14

Allyl chloride

Concen: 22.661 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.011 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

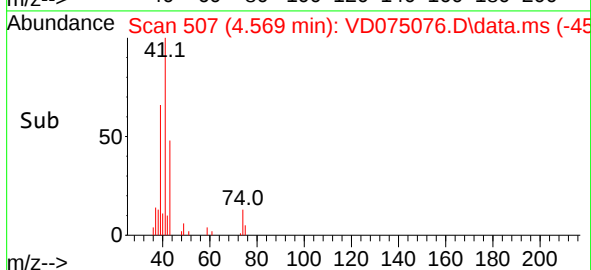
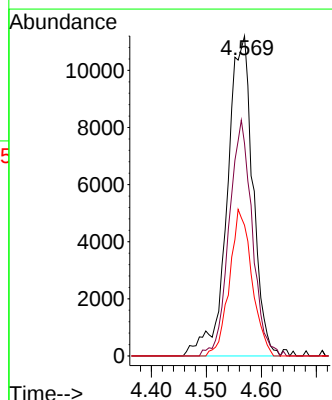
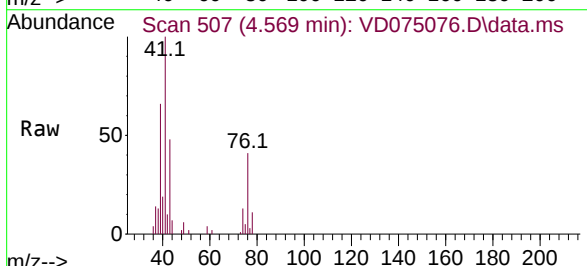
Tgt Ion: 41 Resp: 36251

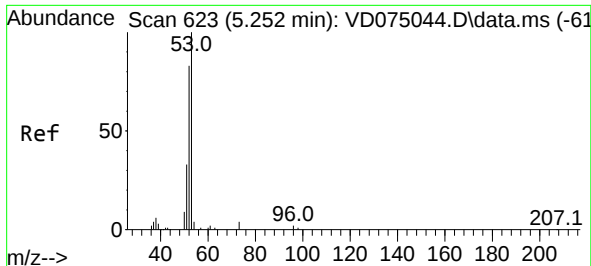
Ion Ratio Lower Upper

41 100

39 66.7 52.5 78.7

76 40.0 41.1 61.7#

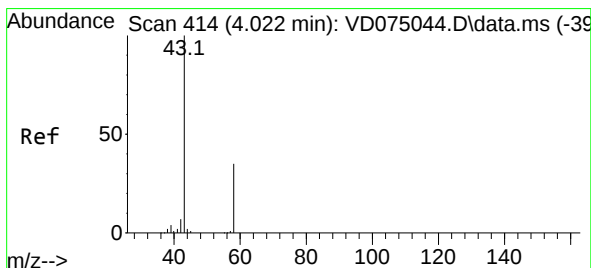
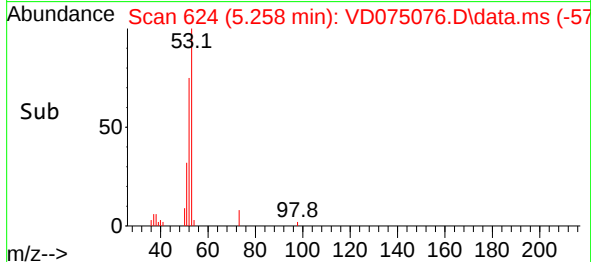
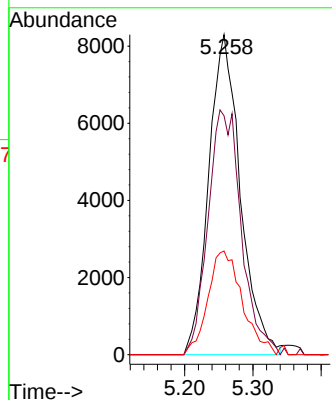
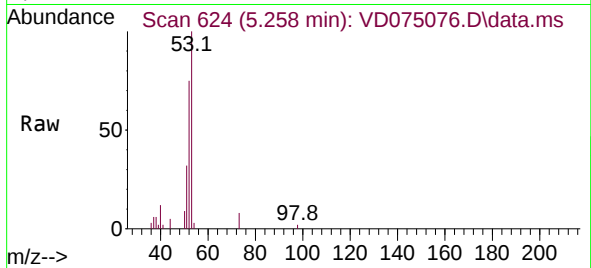




#15
Acrylonitrile
Concen: 102.316 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

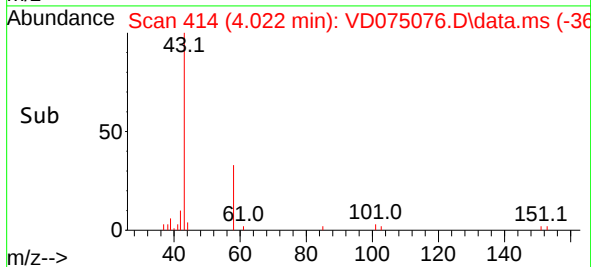
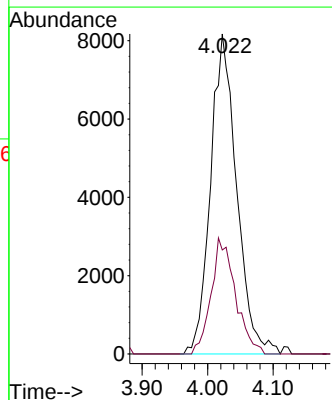
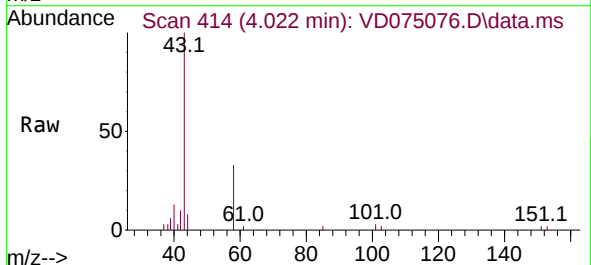
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

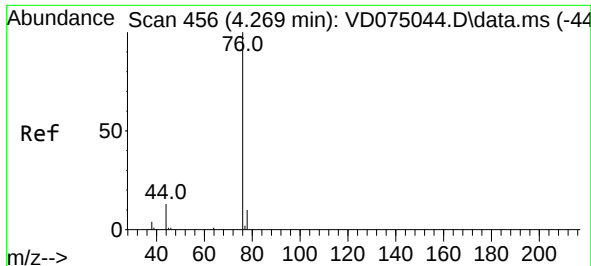
Tgt Ion: 53	Resp: 26828
Ion Ratio	Lower Upper
53 100	
52 80.3	64.0 96.0
51 35.2	27.8 41.8



#16
Acetone
Concen: 83.900 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 43	Resp: 22600
Ion Ratio	Lower Upper
43 100	
58 32.5	28.6 43.0

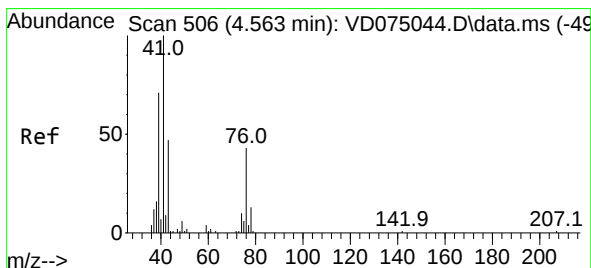
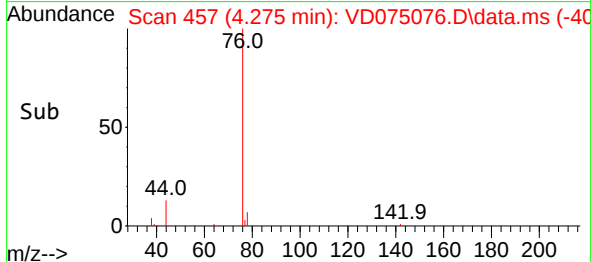
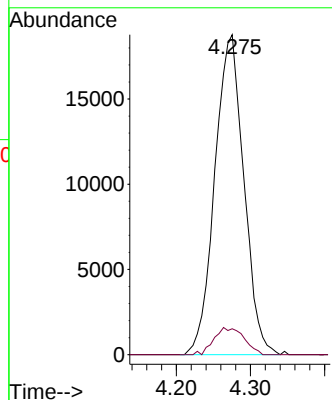
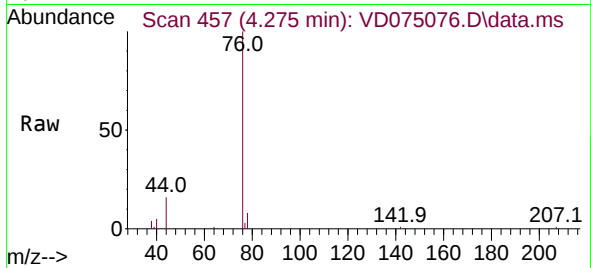




#17
Carbon Disulfide
Concen: 28.006 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.011 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

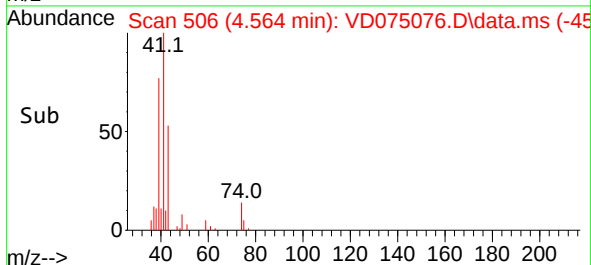
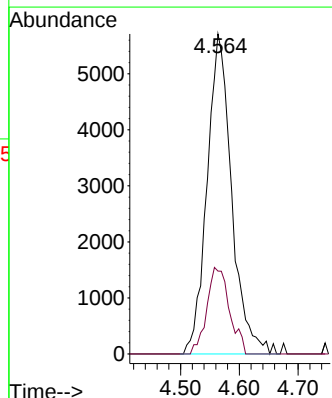
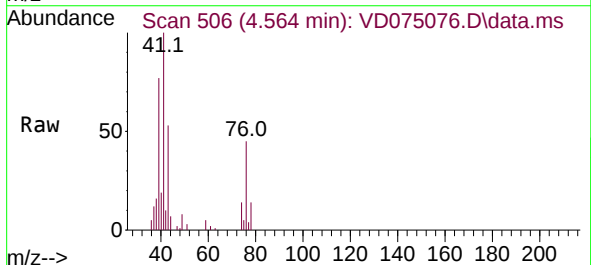
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

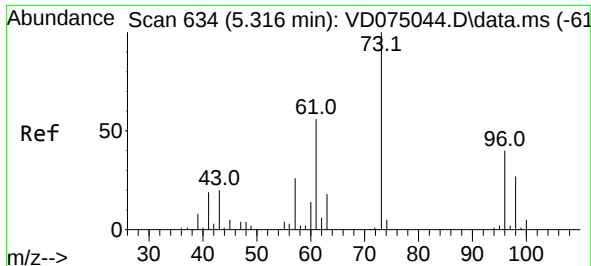
Tgt Ion: 76 Resp: 51111
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 23.999 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 43 Resp: 16616
Ion Ratio Lower Upper
43 100
74 24.9 24.5 36.7

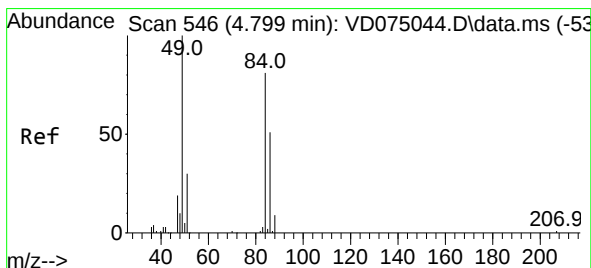
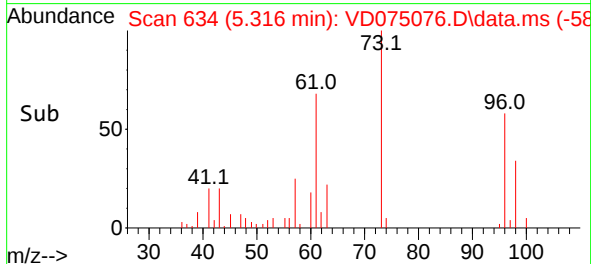
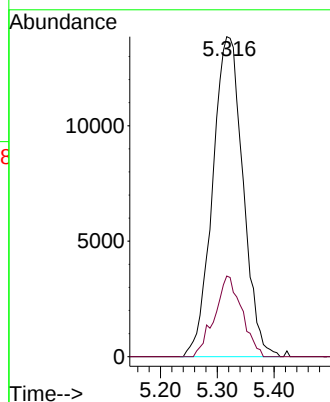
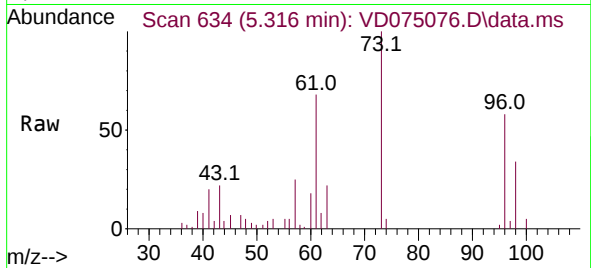




#19
Methyl tert-butyl Ether
Concen: 21.065 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

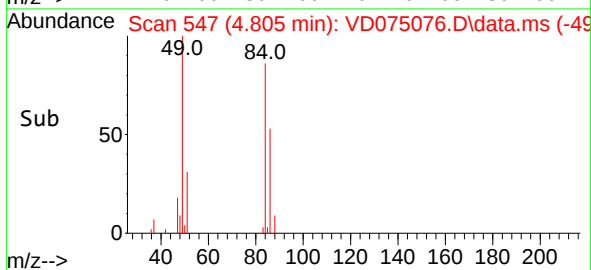
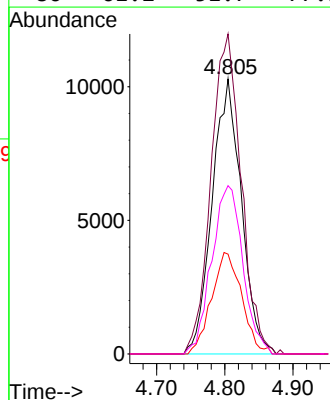
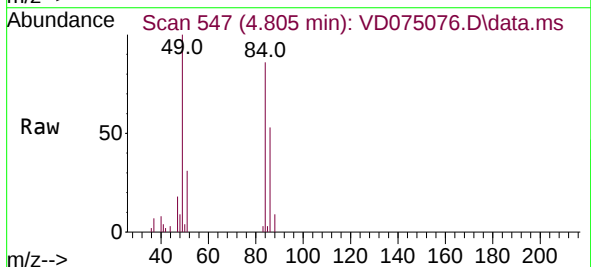
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

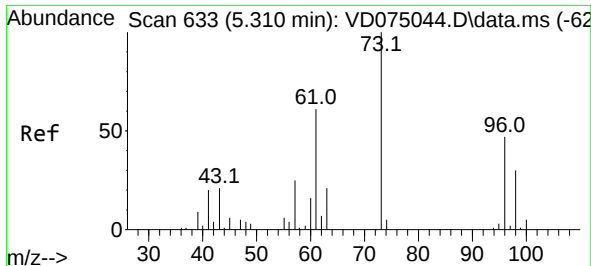
Tgt Ion: 73 Resp: 51437
Ion Ratio Lower Upper
73 100
57 25.2 16.9 25.3



#20
Methylene Chloride
Concen: 21.887 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.012 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 84 Resp: 30680
Ion Ratio Lower Upper
84 100
49 116.3 77.2 115.8#
51 36.3 24.1 36.1#
86 61.2 51.7 77.5

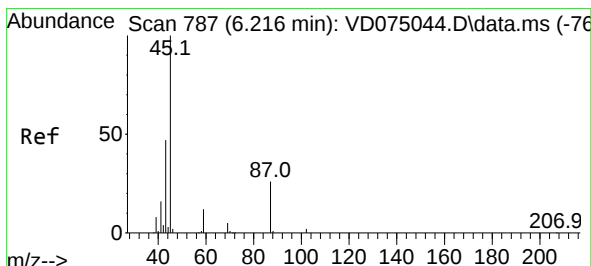
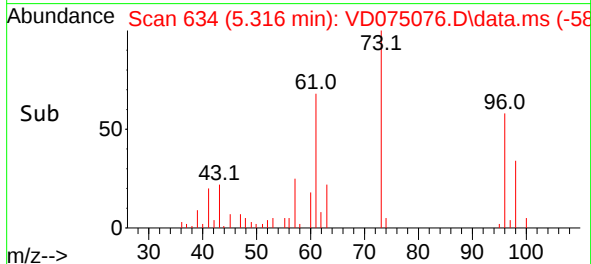
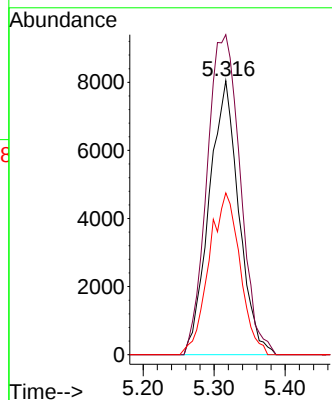
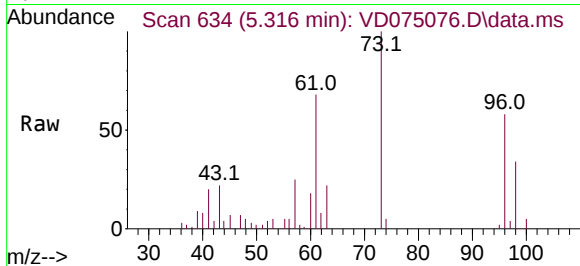




#21
trans-1,2-Dichloroethene
Concen: 22.924 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

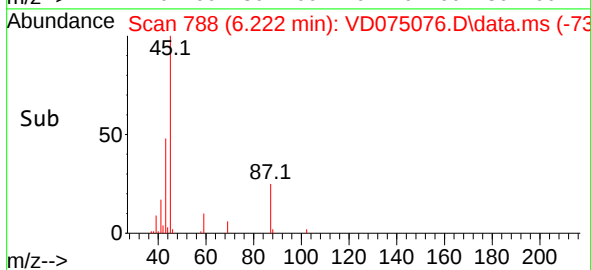
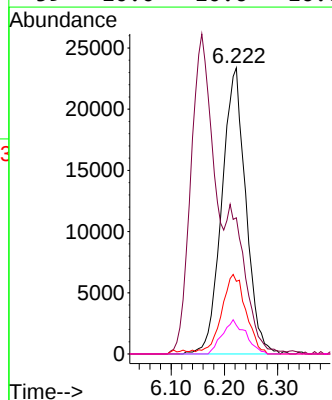
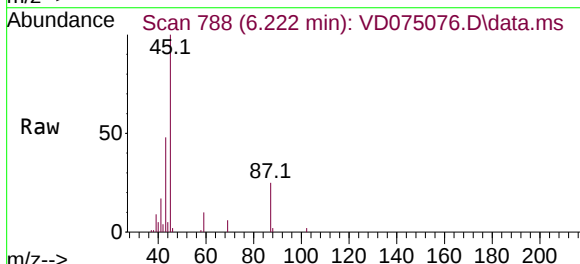
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

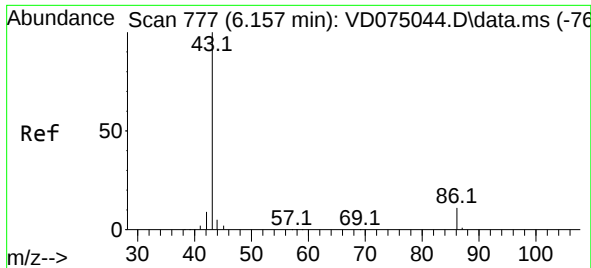
Tgt Ion: 96 Resp: 23389
Ion Ratio Lower Upper
96 100
61 116.8 86.7 130.1
98 59.0 49.8 74.8



#22
Diisopropyl ether
Concen: 21.182 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 45 Resp: 72991
Ion Ratio Lower Upper
45 100
43 46.7 39.8 59.8
87 25.4 27.5 41.3#
59 10.0 10.6 16.0#

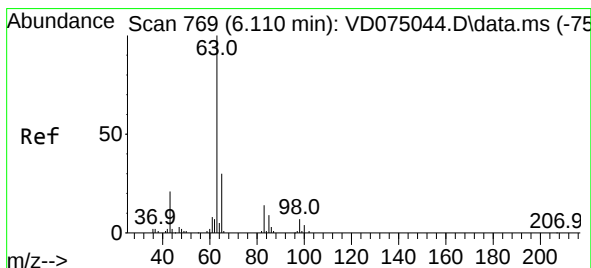
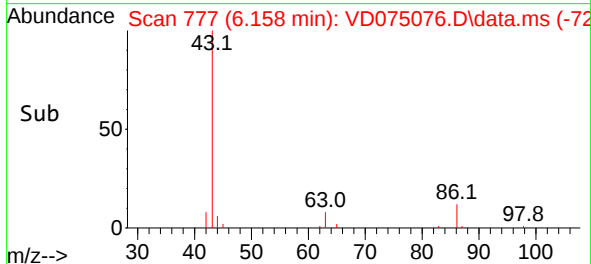
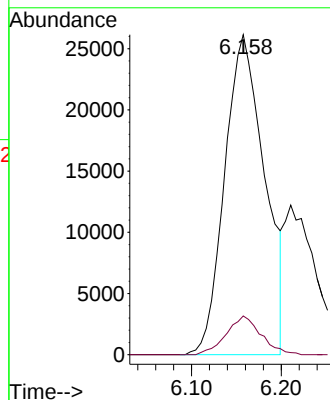
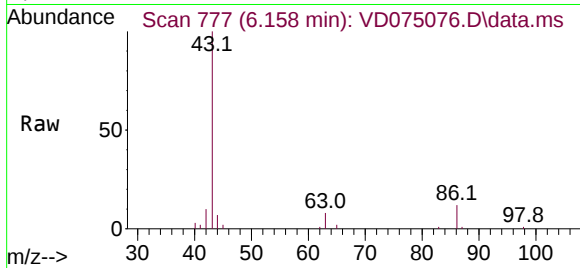




#23
 Vinyl Acetate
 Concen: 51.860 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

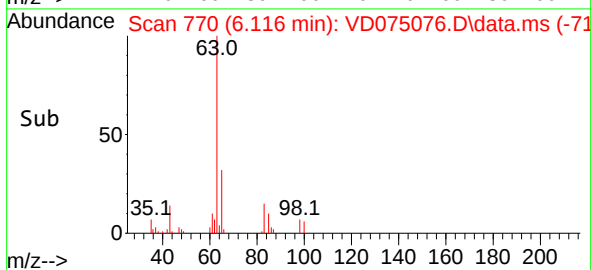
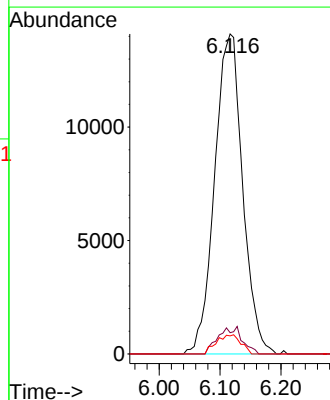
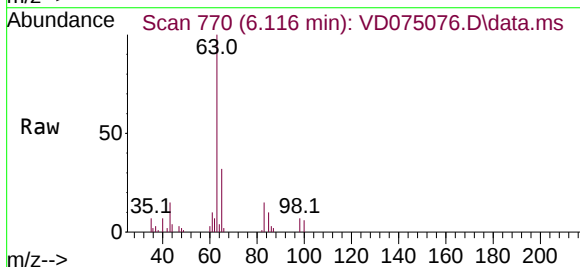
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

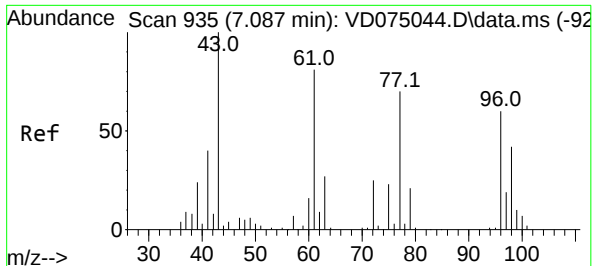
Tgt Ion: 43 Resp: 80818
 Ion Ratio Lower Upper
 43 100
 86 12.1 11.4 17.0



#24
 1,1-Dichloroethane
 Concen: 22.397 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.005 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion: 63 Resp: 45077
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.3 13.1
 100 5.6 2.5 7.4





#25

2-Butanone

Concen: 90.719 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

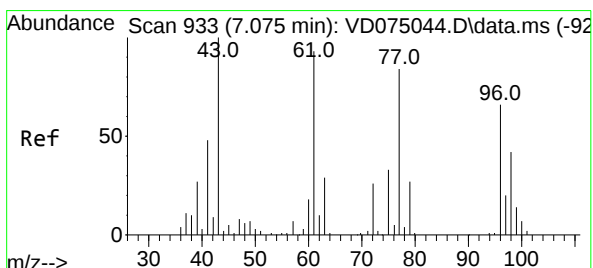
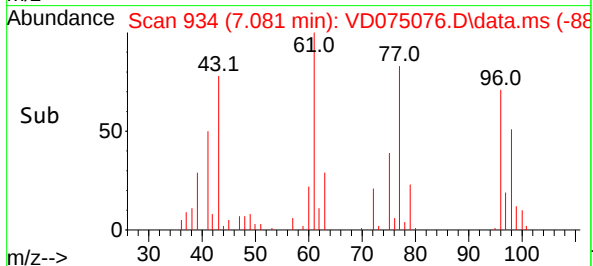
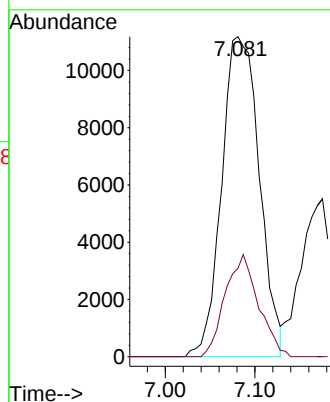
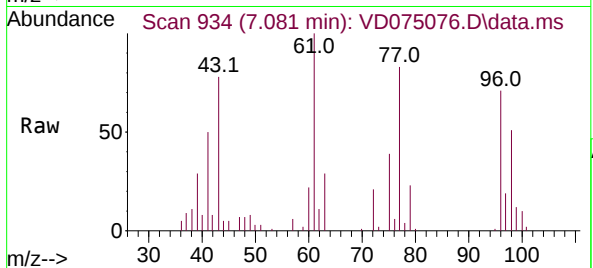
VSTDCCC050EC

Tgt Ion: 43 Resp: 32610

Ion Ratio Lower Upper

43 100

72 27.6 28.4 42.6#



#26

2,2-Dichloropropane

Concen: 20.807 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075076.D

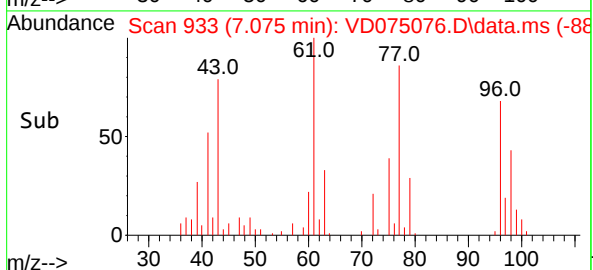
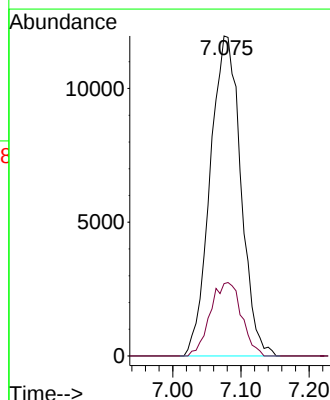
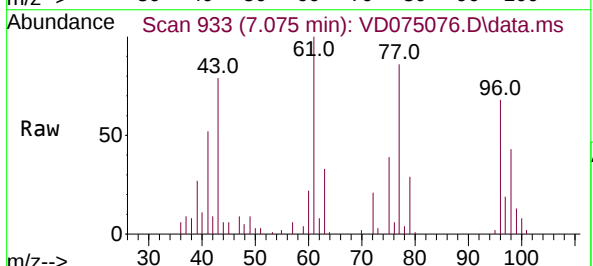
Acq: 28 Dec 2022 20:02

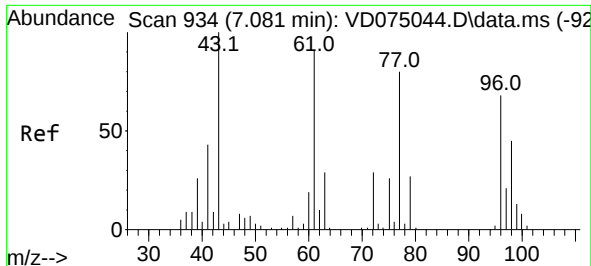
Tgt Ion: 77 Resp: 37409

Ion Ratio Lower Upper

77 100

97 23.4 12.6 37.6



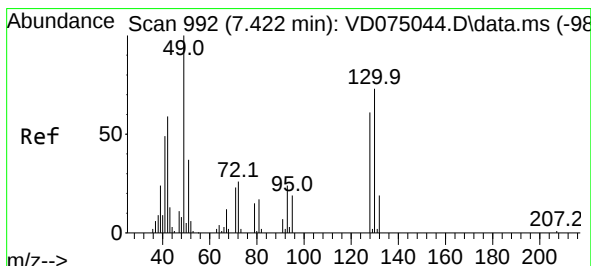
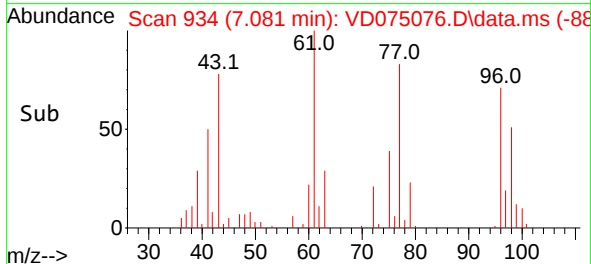
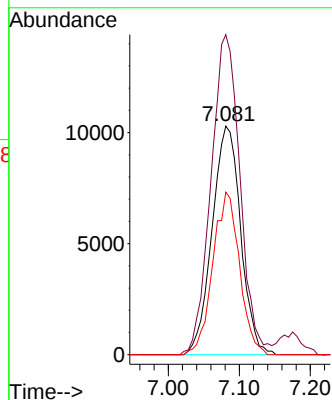
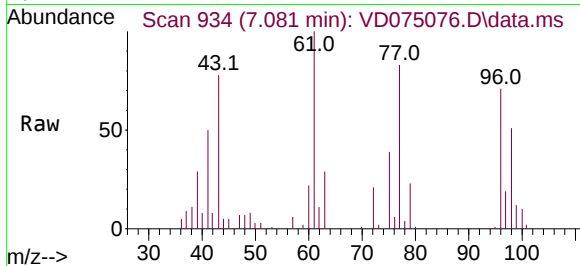


#27
 cis-1,2-Dichloroethene
 Concen: 22.352 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 28767

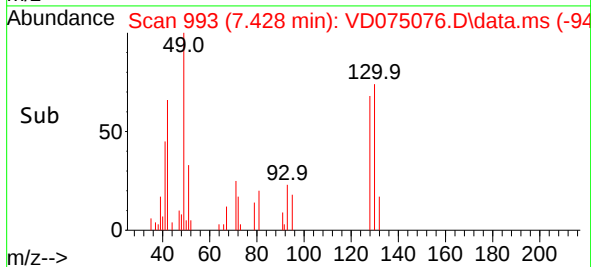
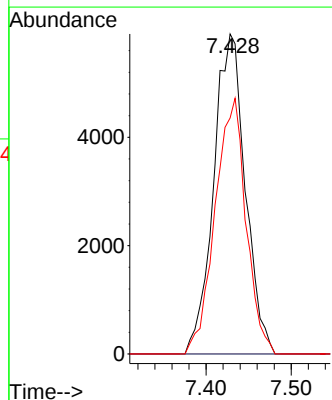
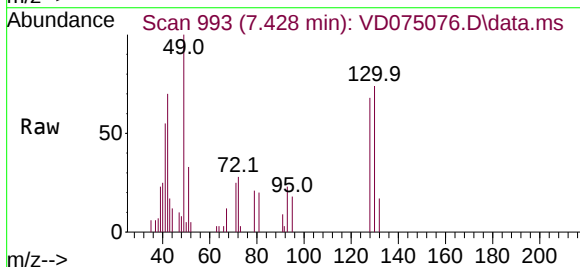
Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	244.6
98	66.4	0.0	131.0

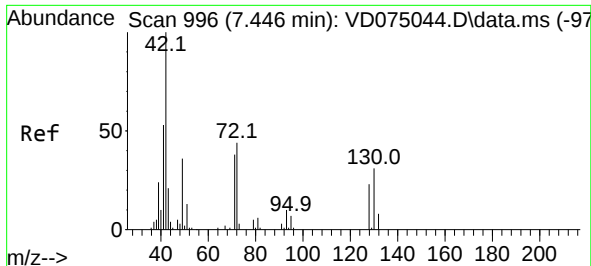


#28
 Bromochloromethane
 Concen: 21.889 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion: 49 Resp: 15250

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	78.1	78.2	117.4#





#29

Tetrahydrofuran

Concen: 94.940 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

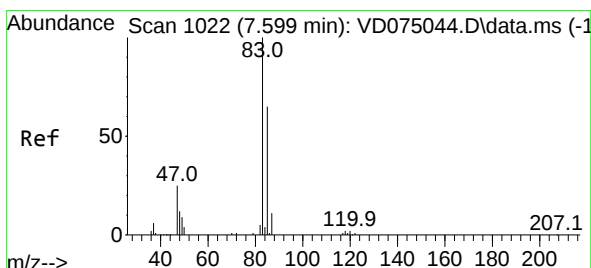
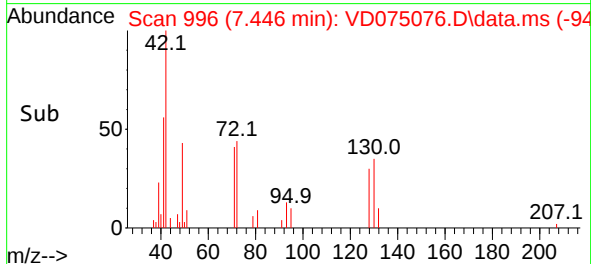
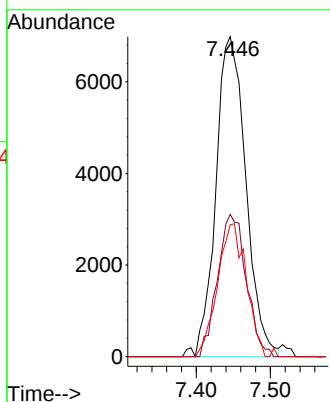
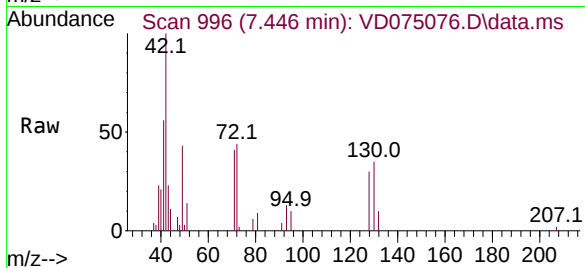
Tgt Ion: 42 Resp: 19675

Ion Ratio Lower Upper

42 100

72 42.5 43.8 65.8#

71 39.6 41.1 61.7#



#30

Chloroform

Concen: 22.959 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD075076.D

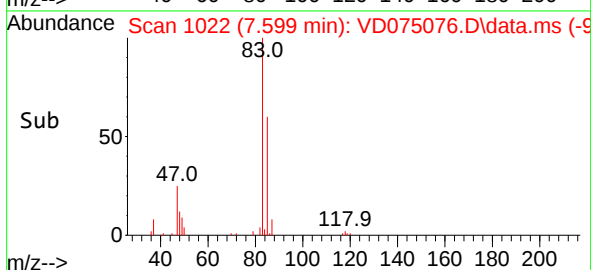
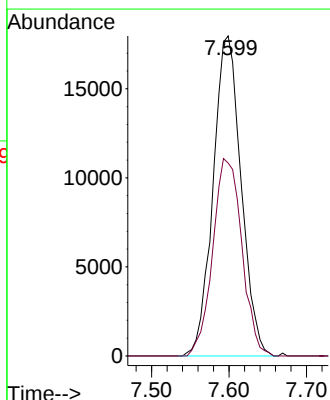
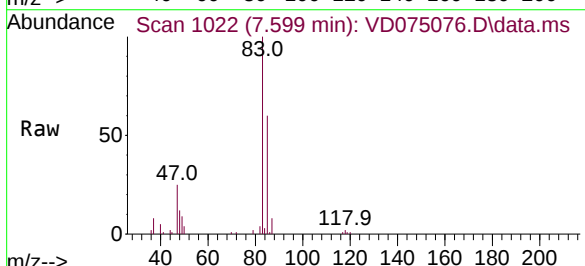
Acq: 28 Dec 2022 20:02

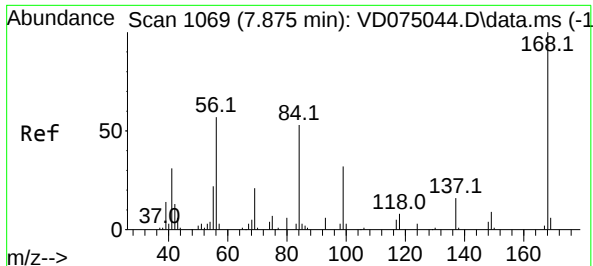
Tgt Ion: 83 Resp: 45121

Ion Ratio Lower Upper

83 100

85 60.3 51.4 77.0

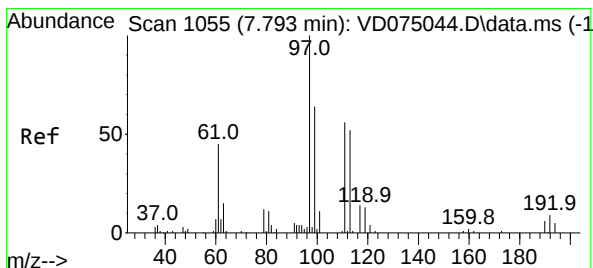
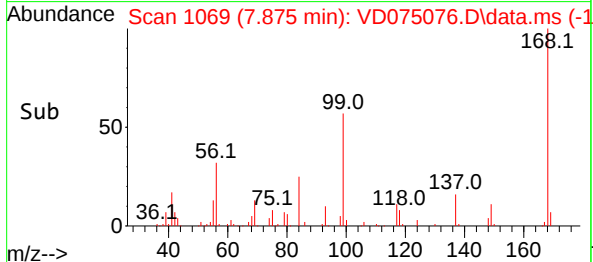
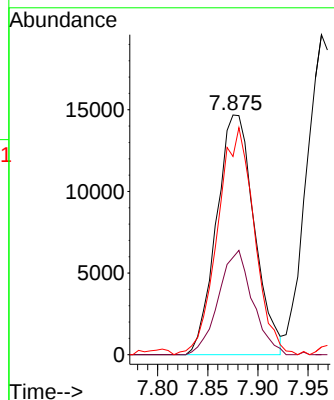
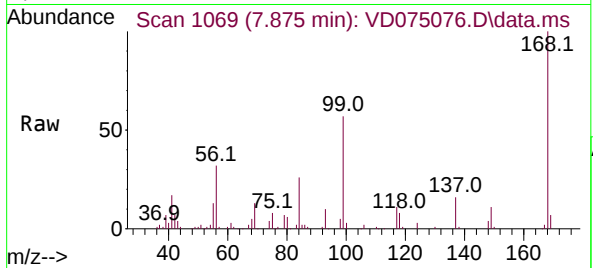




#31
Cyclohexane
Concen: 24.400 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

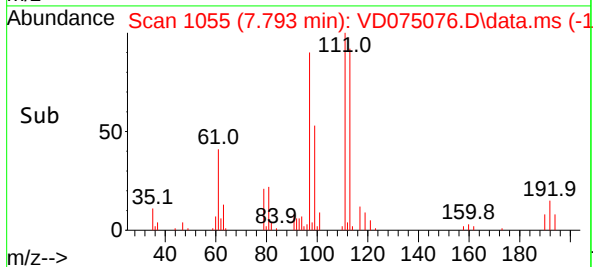
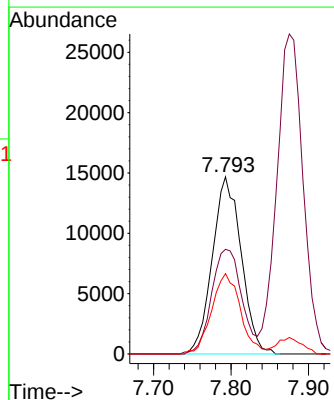
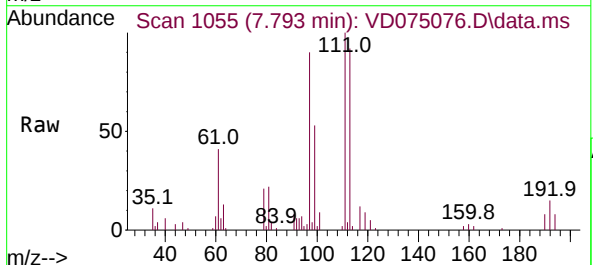
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

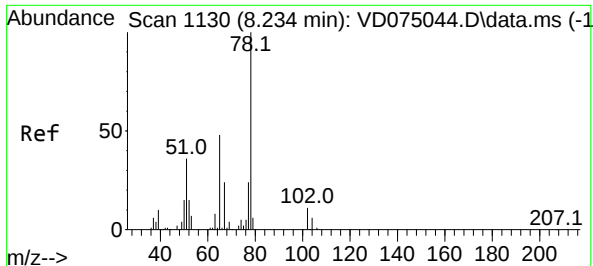
Tgt Ion: 56 Resp: 38512
Ion Ratio Lower Upper
56 100
69 40.6 29.4 44.2
84 81.6 81.8 122.8#



#32
1,1,1-Trichloroethane
Concen: 22.339 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 97 Resp: 37990
Ion Ratio Lower Upper
97 100
99 62.1 51.6 77.4
61 45.3 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 54.970 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

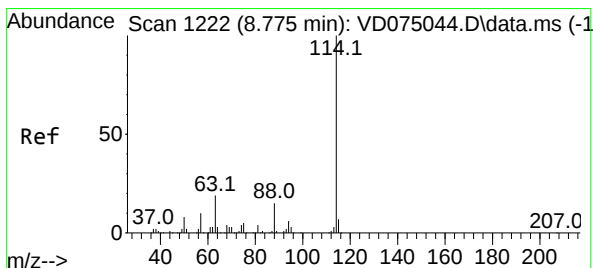
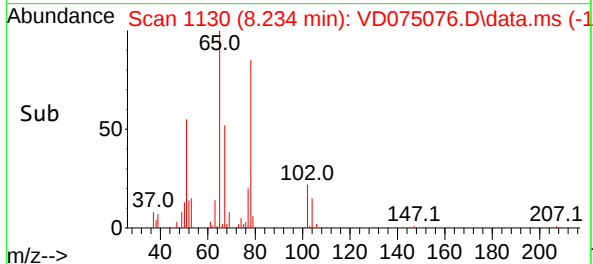
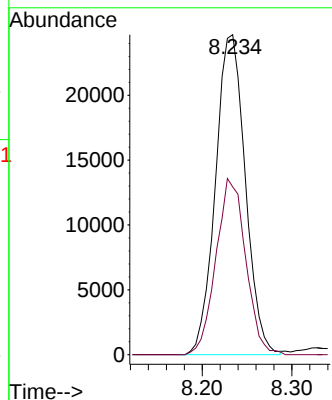
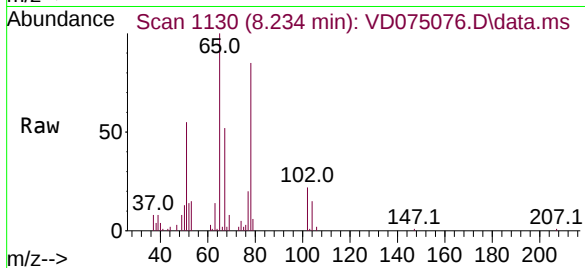
VSTDCCC050EC

Tgt Ion: 65 Resp: 57012

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

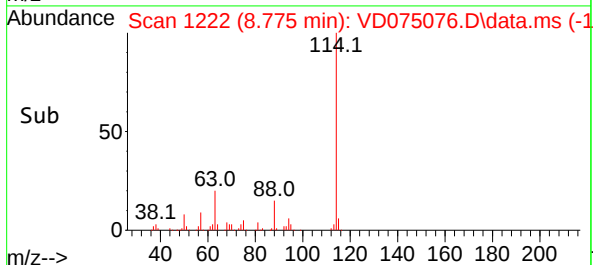
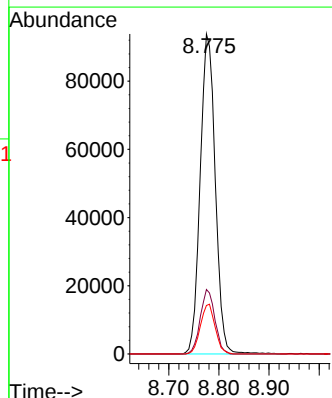
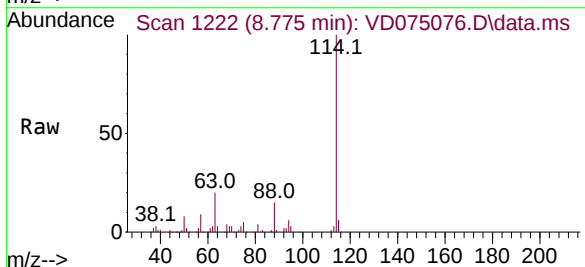
Tgt Ion: 114 Resp: 196109

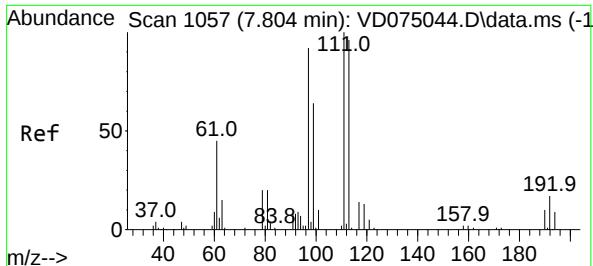
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.8

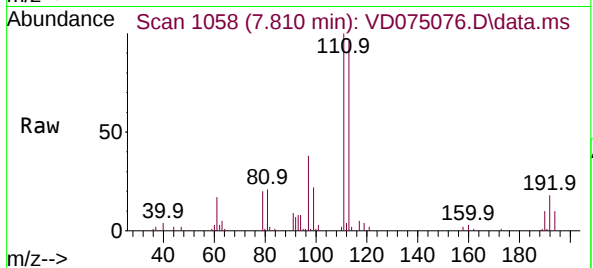
88 15.2 0.0 27.8





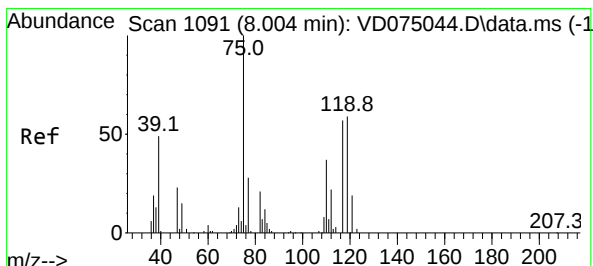
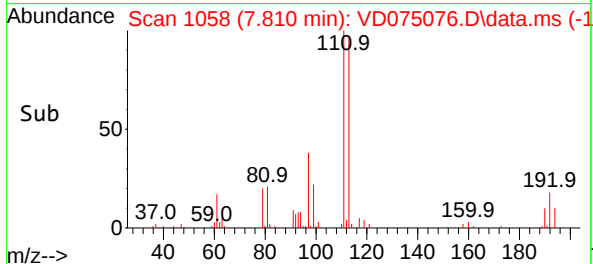
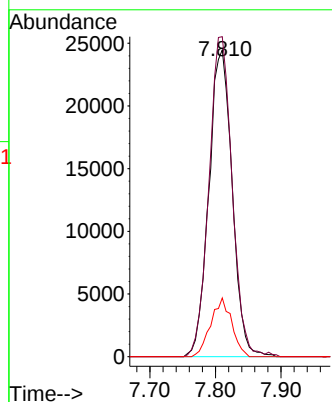
#35
 Dibromofluoromethane
 Concen: 52.413 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:113 Resp: 60484

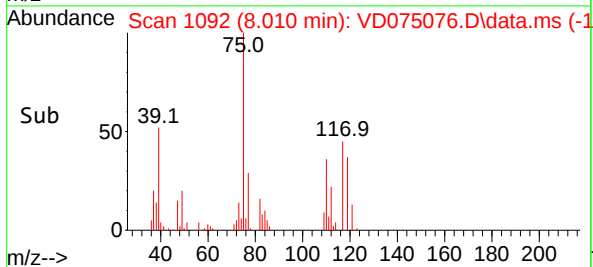
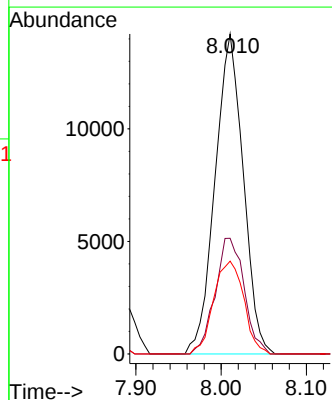
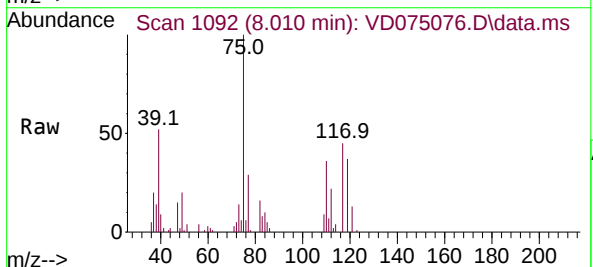
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.1	123.1
192	17.2	15.1	22.7

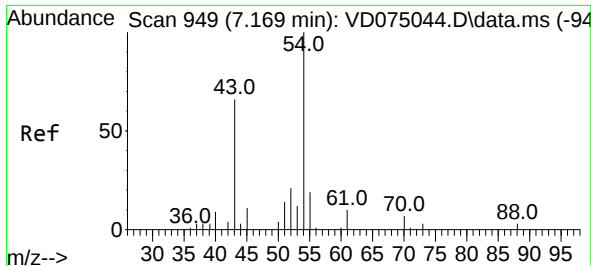


#36
 1,1-Dichloropropene
 Concen: 21.887 ug/l
 RT: 8.010 min Scan# 1092
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion: 75 Resp: 32624

Ion	Ratio	Lower	Upper
75	100		
110	37.2	19.0	57.0
77	31.1	25.2	37.8





#37

Ethyl Acetate

Concen: 20.616 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

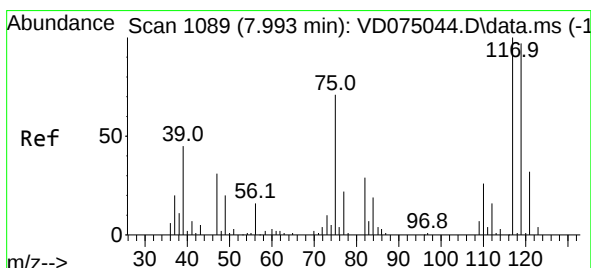
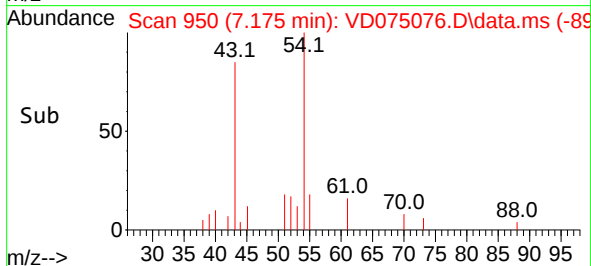
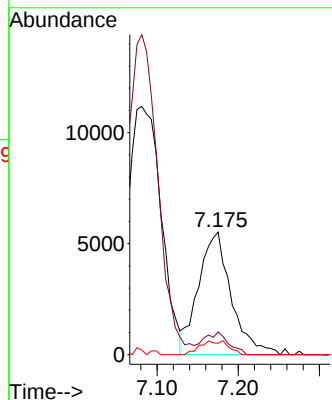
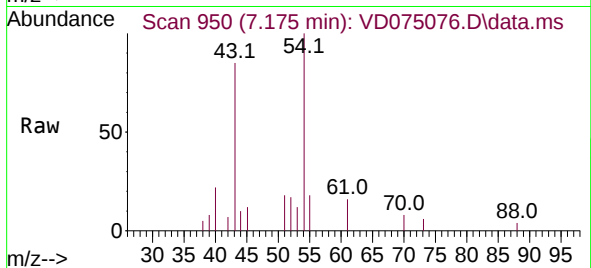
Tgt Ion: 43 Resp: 15523

Ion Ratio Lower Upper

43 100

61 14.0 12.8 19.2

70 9.7 10.2 15.4#



#38

Carbon Tetrachloride

Concen: 20.224 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

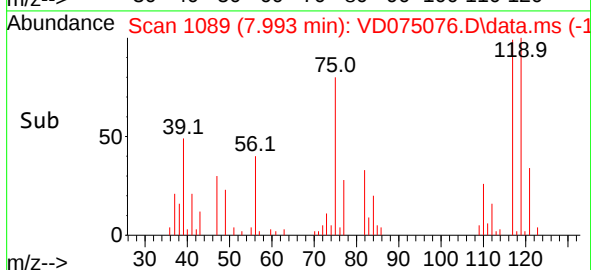
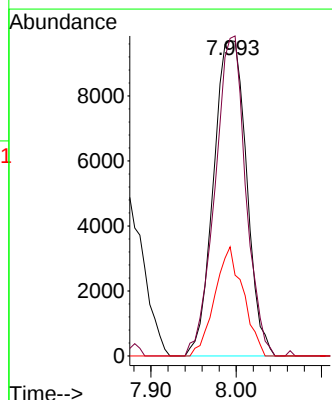
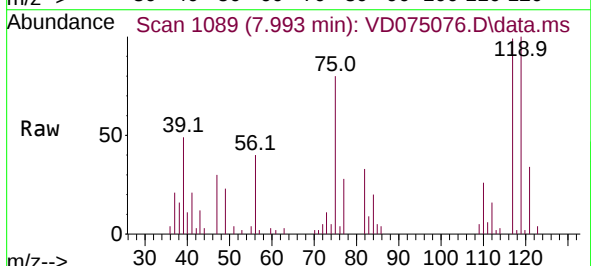
Tgt Ion: 117 Resp: 26067

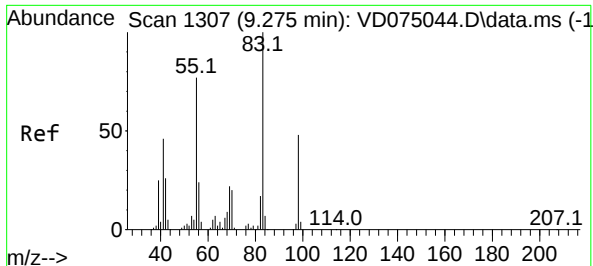
Ion Ratio Lower Upper

117 100

119 100.8 75.8 113.6

121 34.6 25.4 38.0





#39

Methylcyclohexane

Concen: 22.037 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

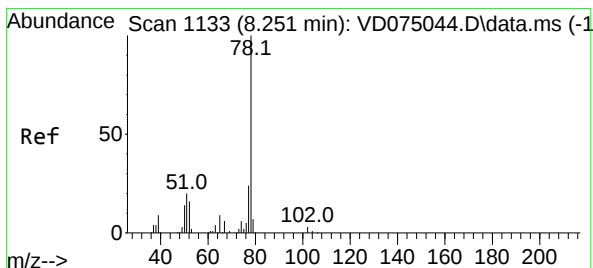
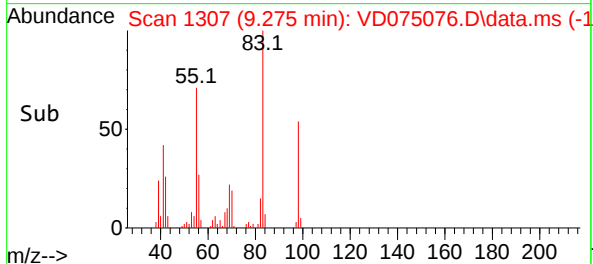
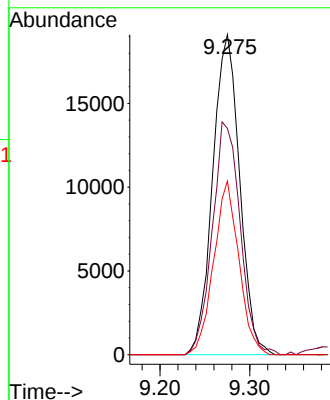
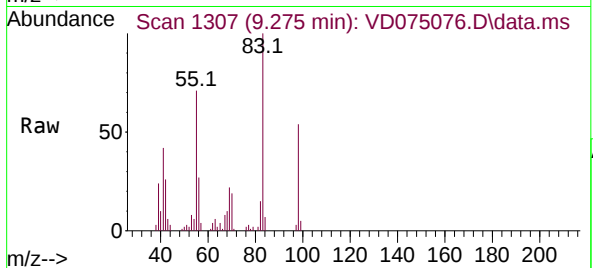
Tgt Ion: 83 Resp: 39892

Ion Ratio Lower Upper

83 100

55 70.7 53.1 79.7

98 54.2 37.5 56.3



#40

Benzene

Concen: 21.676 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD075076.D

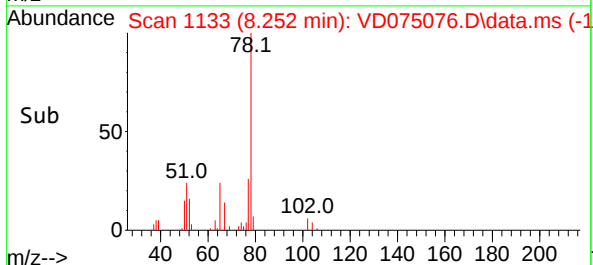
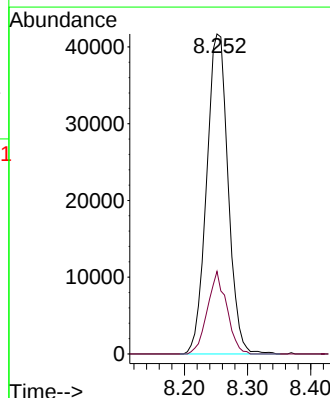
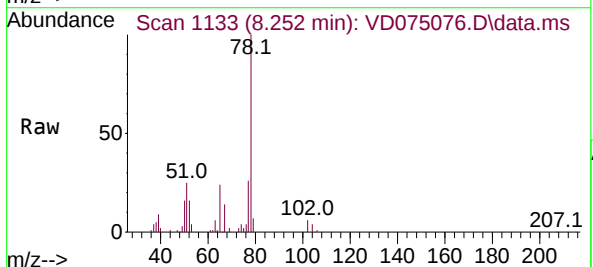
Acq: 28 Dec 2022 20:02

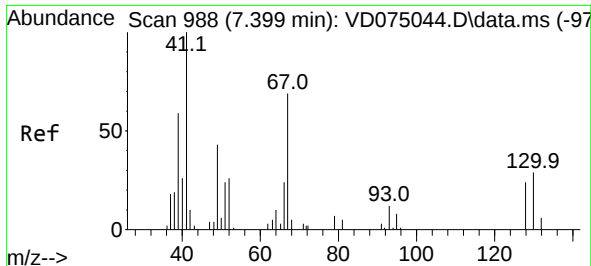
Tgt Ion: 78 Resp: 98365

Ion Ratio Lower Upper

78 100

77 25.8 18.6 27.8

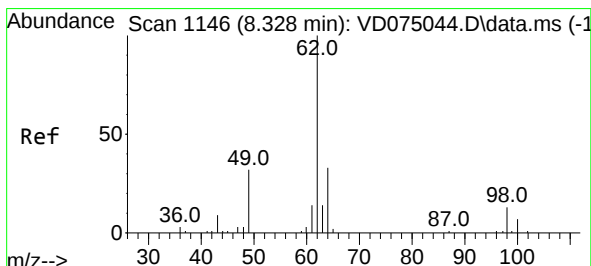
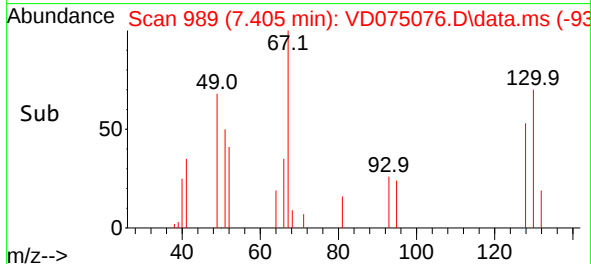
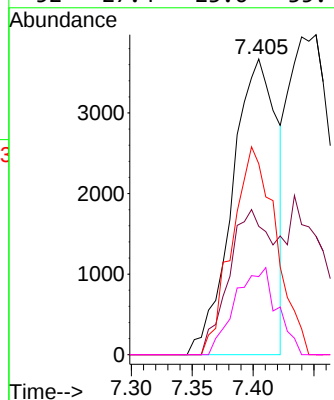
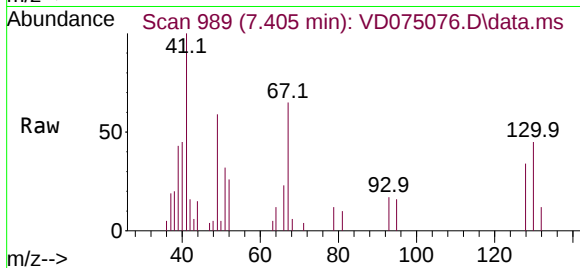




#41
Methacrylonitrile
Concen: 20.082 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

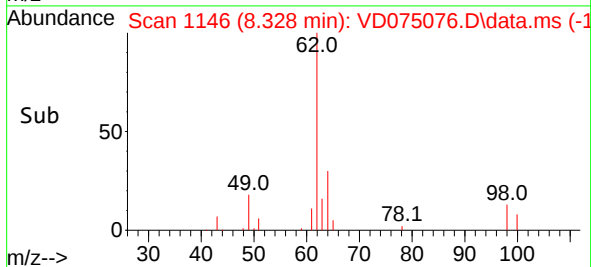
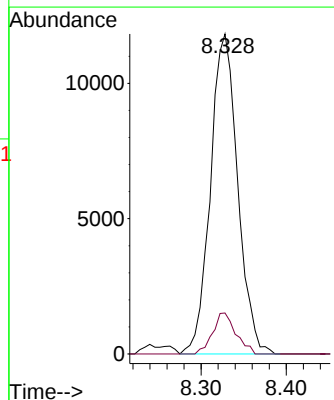
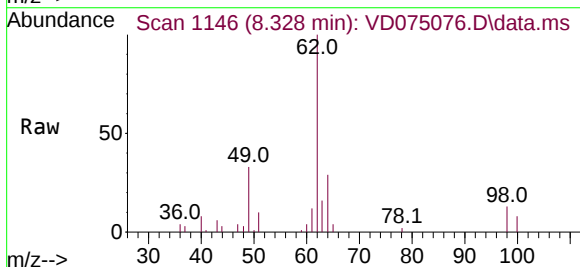
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

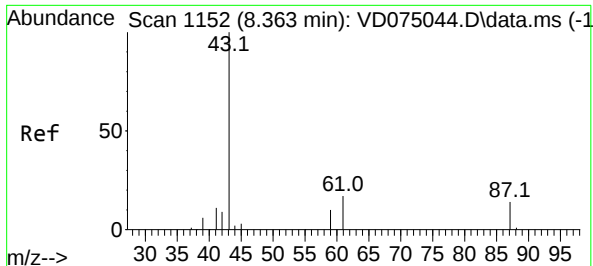
Tgt Ion: 41 Resp: 9408
Ion Ratio Lower Upper
41 100
39 44.7 44.8 67.2#
67 68.7 69.6 104.4#
52 27.4 23.6 35.4



#42
1,2-Dichloroethane
Concen: 22.731 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 62 Resp: 26318
Ion Ratio Lower Upper
62 100
98 10.9 0.0 23.4

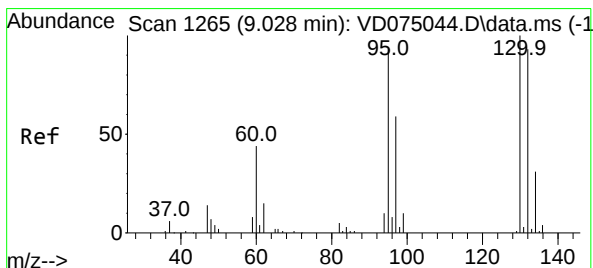
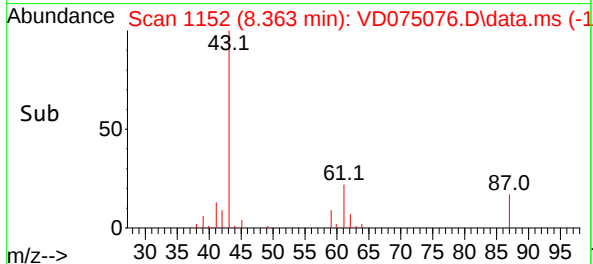
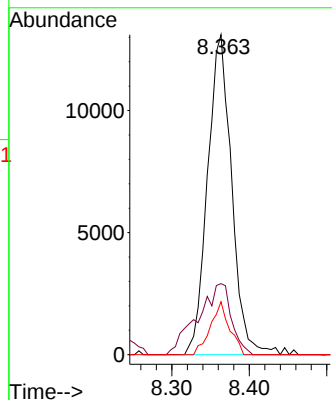
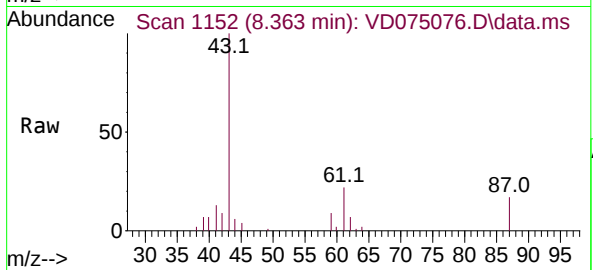




#43
Isopropyl Acetate
Concen: 18.678 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

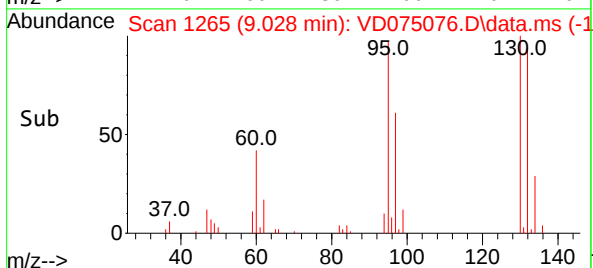
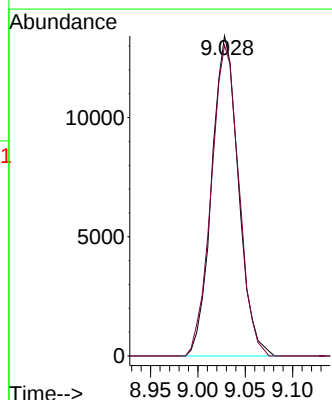
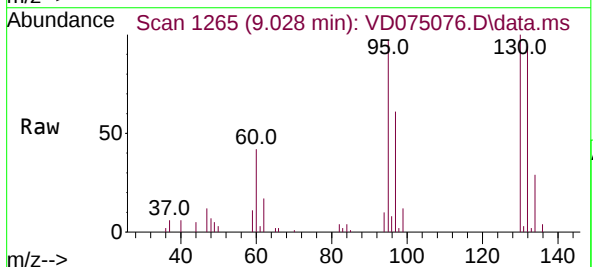
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

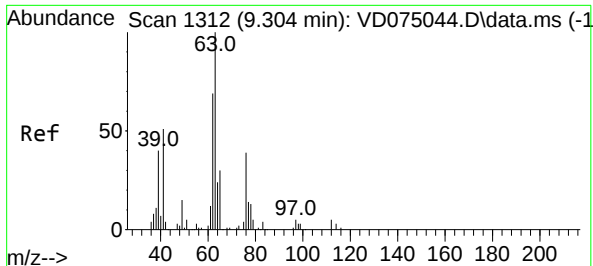
Tgt Ion: 43 Resp: 28293
Ion Ratio Lower Upper
43 100
61 31.1 28.2 42.4
87 13.1 13.6 20.4#



#44
Trichloroethene
Concen: 21.076 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 130 Resp: 26343
Ion Ratio Lower Upper
130 100
95 97.1 0.0 190.0

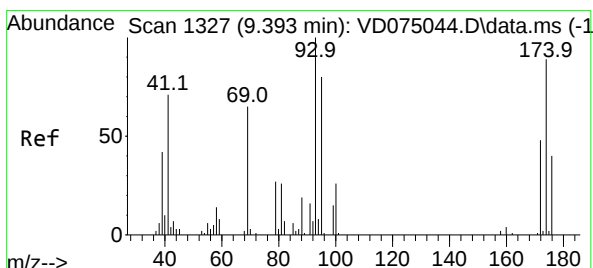
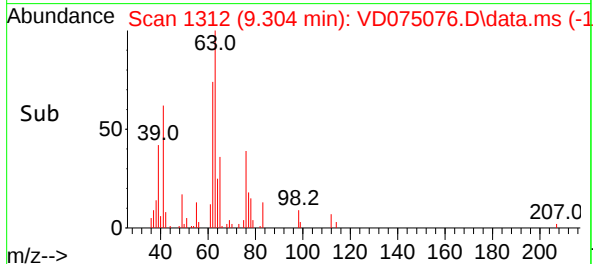
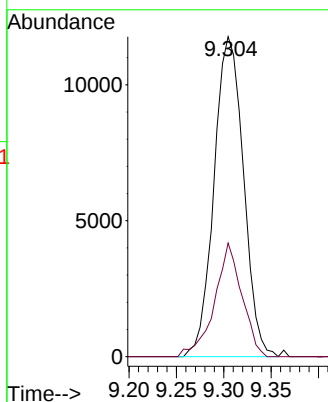
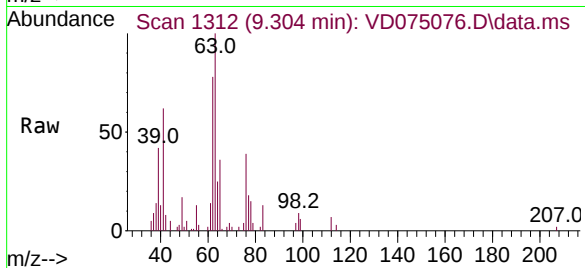




#45
1,2-Dichloropropane
Concen: 20.925 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

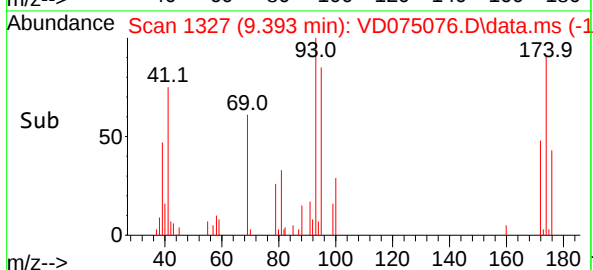
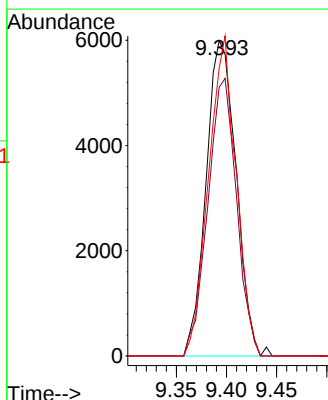
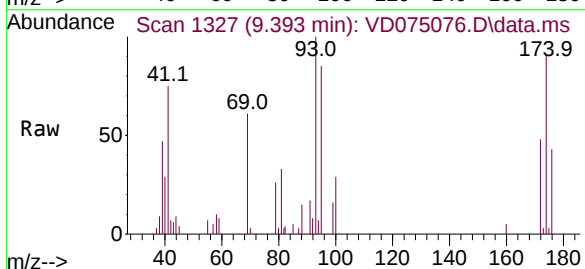
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

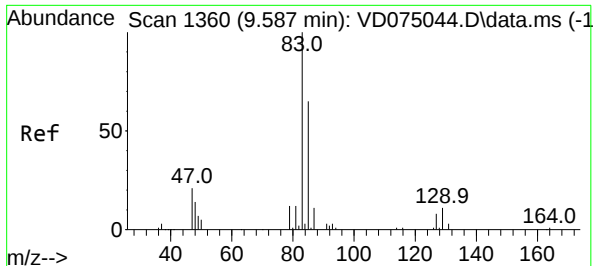
Tgt Ion: 63 Resp: 25434
Ion Ratio Lower Upper
63 100
65 35.5 27.0 40.6



#46
Dibromomethane
Concen: 20.677 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 93 Resp: 12500
Ion Ratio Lower Upper
93 100
95 84.0 65.7 98.5
174 93.0 74.7 112.1

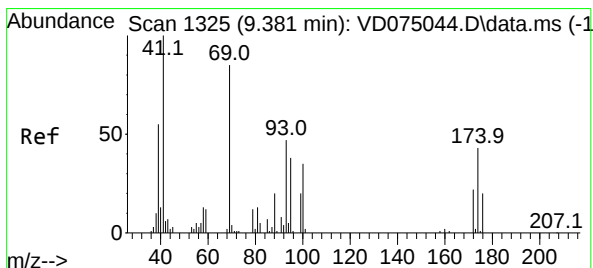
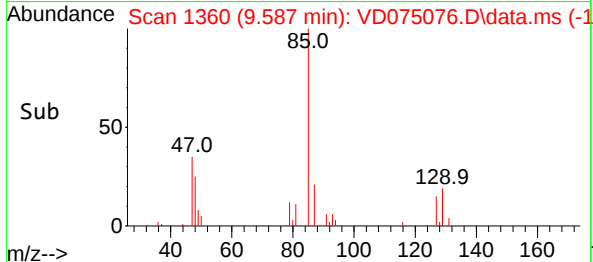
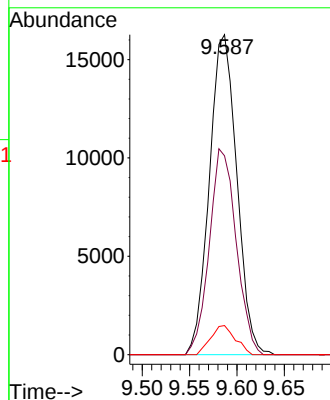
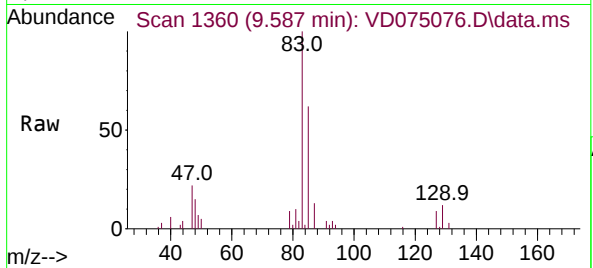




#47
Bromodichloromethane
Concen: 20.796 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

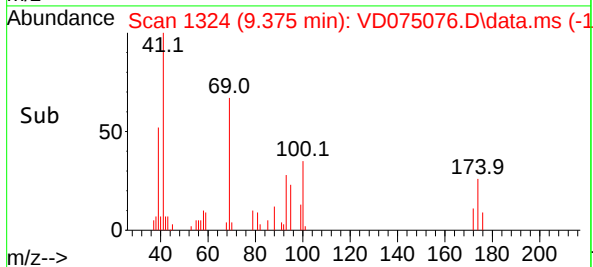
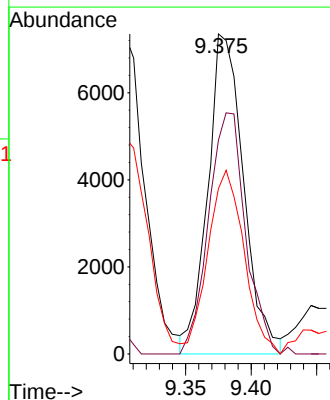
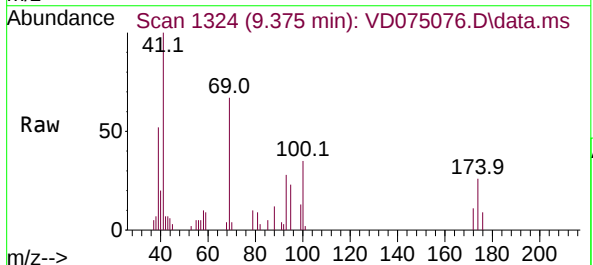
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

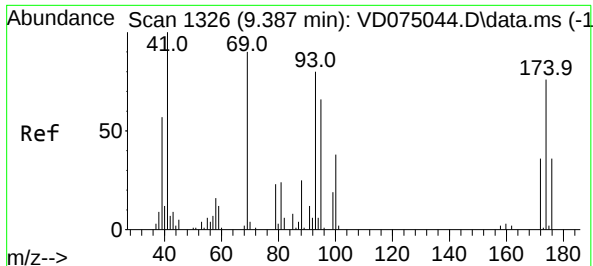
Tgt Ion:	83	Resp:	32739
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.8	77.8
127	9.1	7.2	10.8



#48
Methyl methacrylate
Concen: 20.249 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:	41	Resp:	13932
Ion	Ratio	Lower	Upper
41	100		
69	78.3	84.8	127.2#
39	58.0	43.6	65.4





#49

1,4-Dioxane

Concen: 376.067 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

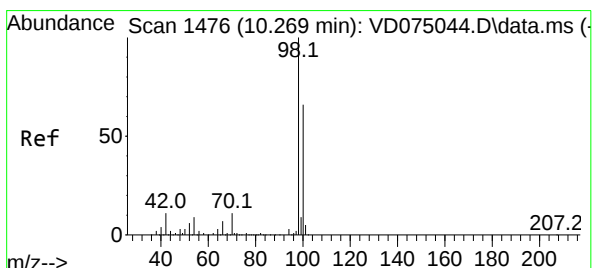
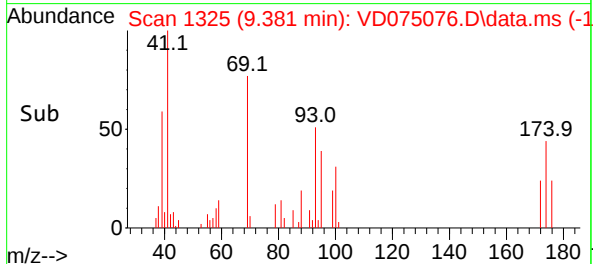
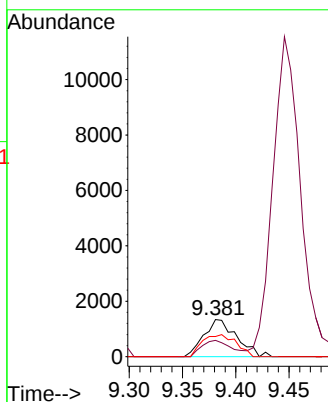
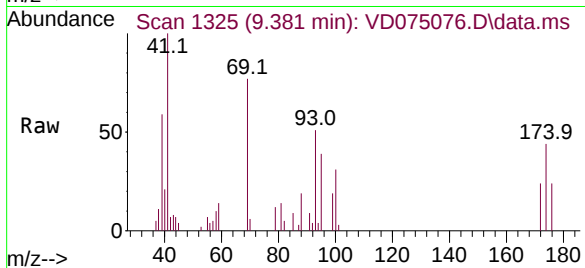
Tgt Ion: 88 Resp: 2865

Ion Ratio Lower Upper

88 100

43 41.5 23.9 35.9#

58 61.2 48.4 72.6



#50

Toluene-d8

Concen: 50.565 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075076.D

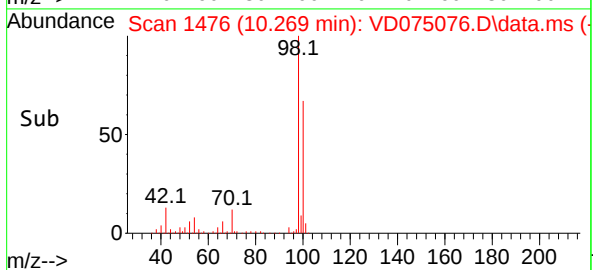
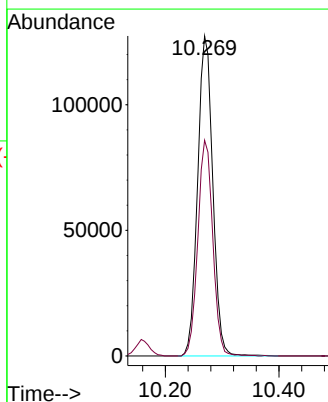
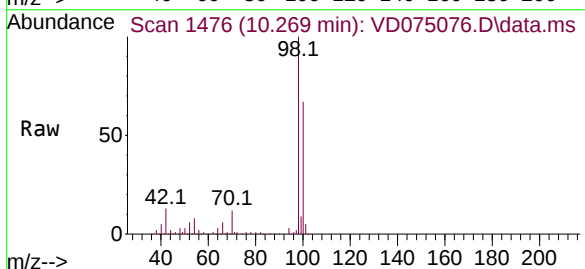
Acq: 28 Dec 2022 20:02

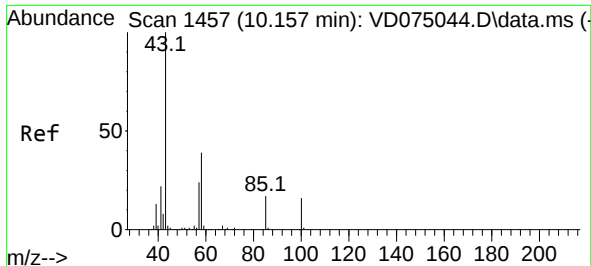
Tgt Ion: 98 Resp: 235769

Ion Ratio Lower Upper

98 100

100 66.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 93.719 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

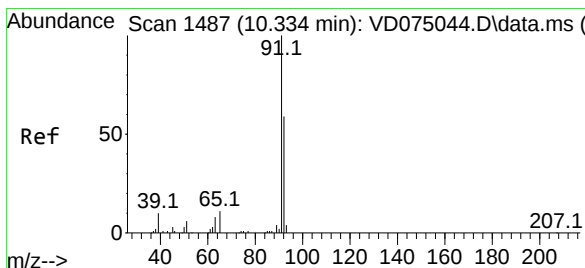
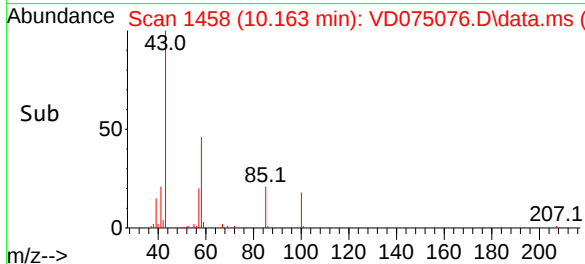
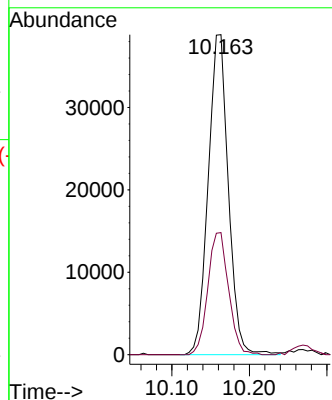
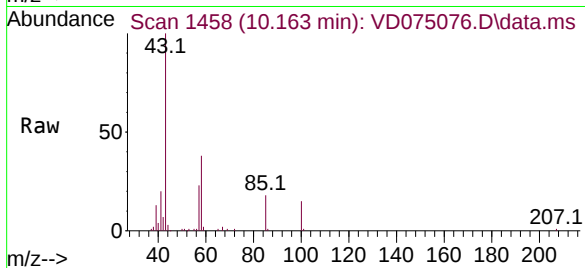
VSTDCCC050EC

Tgt Ion: 43 Resp: 70128

Ion Ratio Lower Upper

43 100

58 39.2 35.7 53.5



#52

Toluene

Concen: 21.309 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075076.D

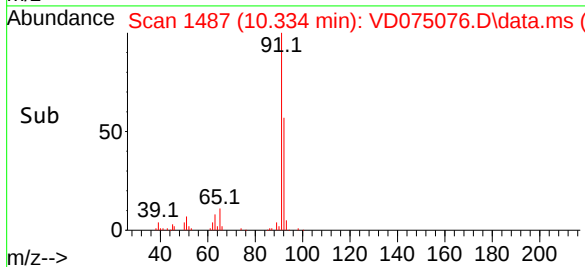
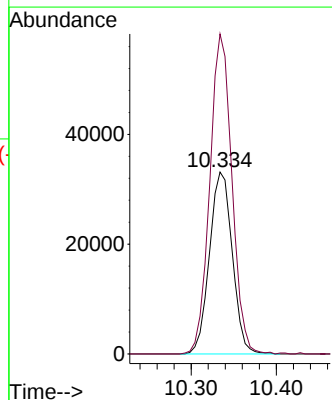
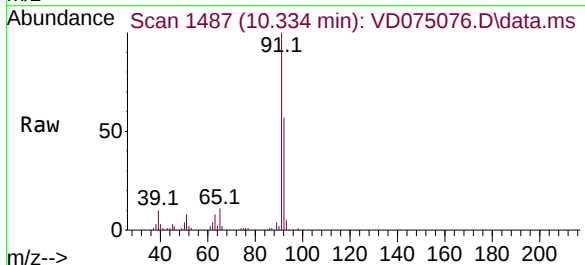
Acq: 28 Dec 2022 20:02

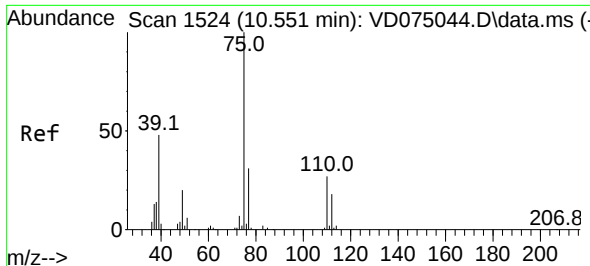
Tgt Ion: 92 Resp: 61579

Ion Ratio Lower Upper

92 100

91 170.9 139.3 208.9

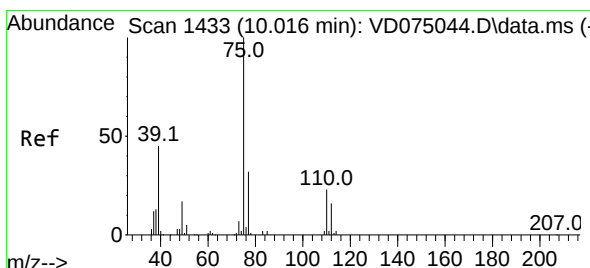
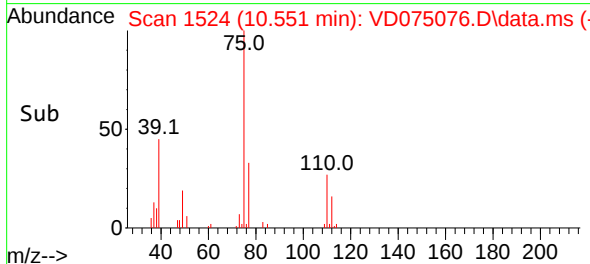
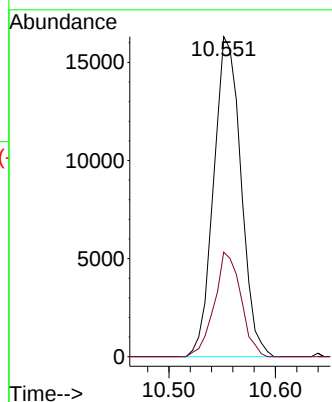
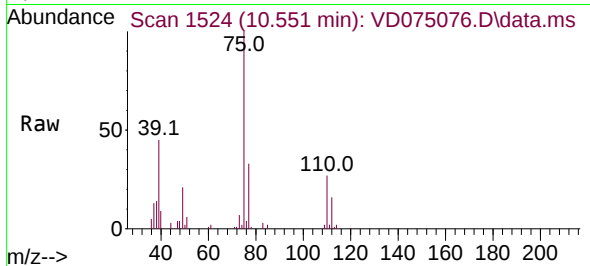




#53
 t-1,3-Dichloropropene
 Concen: 18.947 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

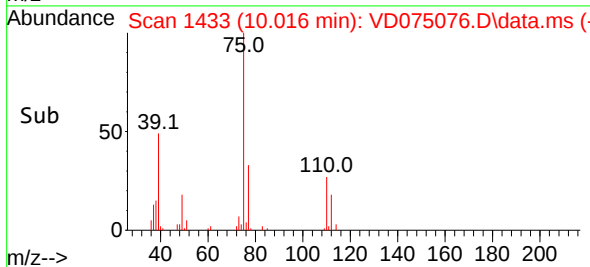
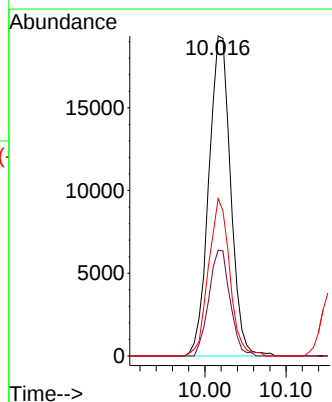
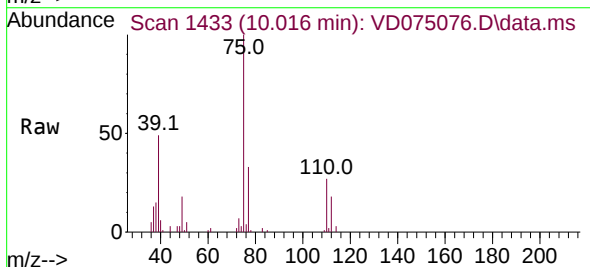
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

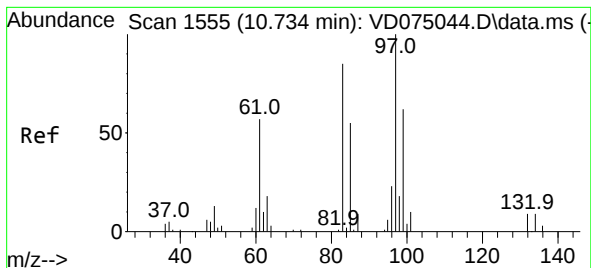
Tgt Ion: 75 Resp: 29021
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.576 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

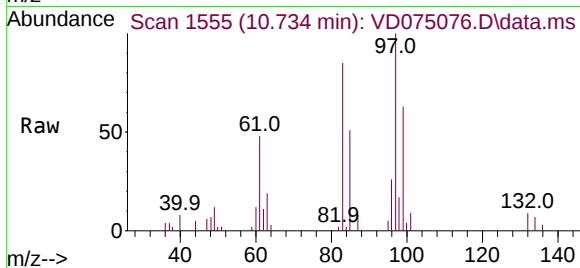
Tgt Ion: 75 Resp: 36134
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.5 38.3
 39 49.2 25.7 38.5#



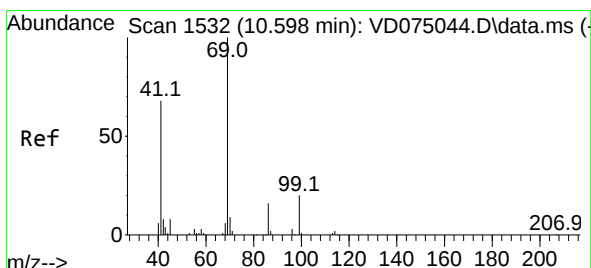
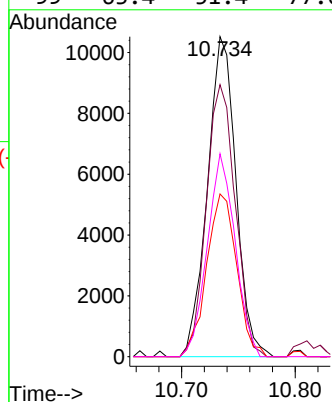
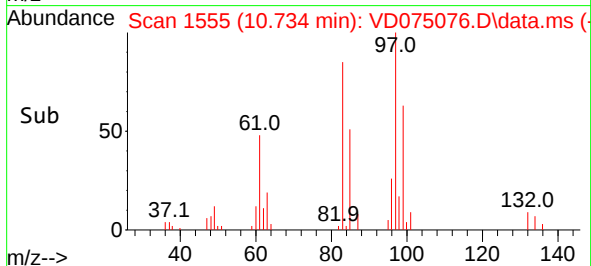


#55
1,1,2-Trichloroethane
Concen: 20.783 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

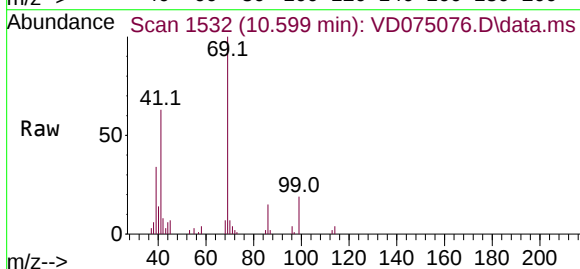
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



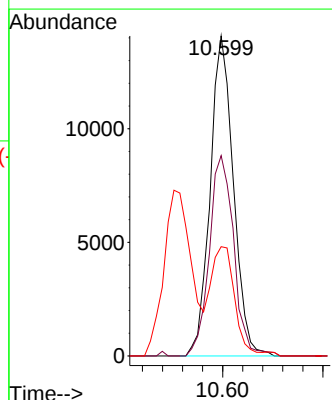
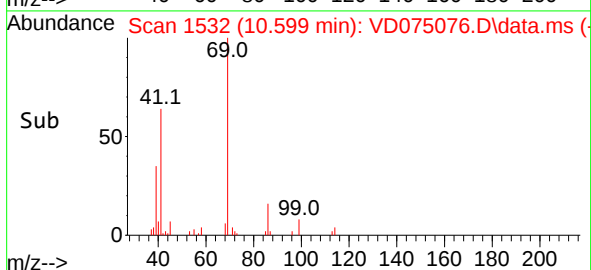
Tgt Ion:	97	Resp:	18397
Ion	Ratio	Lower	Upper
97	100		
83	85.0	65.1	97.7
85	50.9	43.3	64.9
99	63.4	51.4	77.0

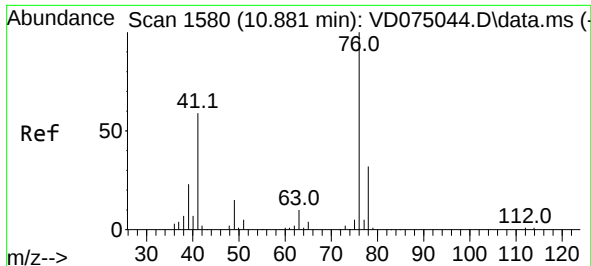


#56
Ethyl methacrylate
Concen: 19.496 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02



Tgt Ion:	69	Resp:	22717
Ion	Ratio	Lower	Upper
69	100		
41	65.7	42.2	63.4#
39	35.3	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 21.404 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

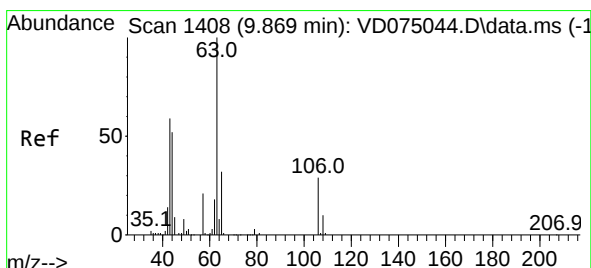
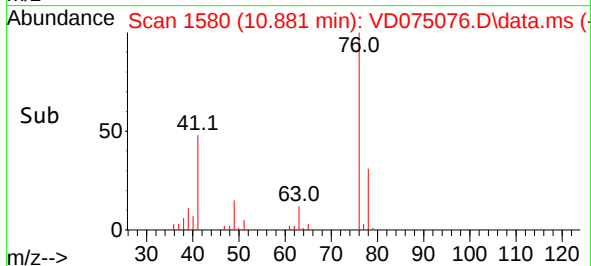
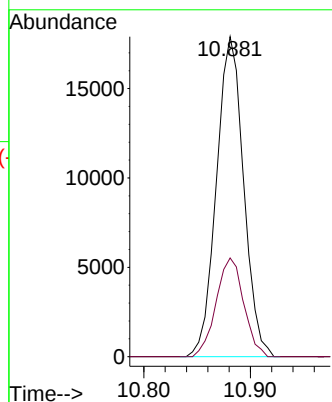
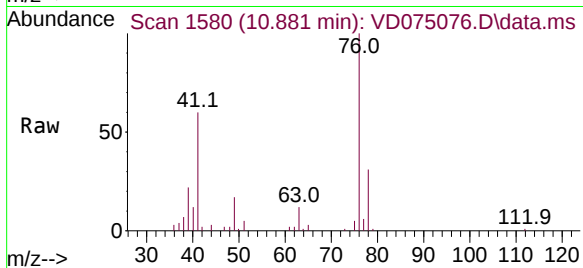
VSTDCCC050EC

Tgt Ion: 76 Resp: 31675

Ion Ratio Lower Upper

76 100

78 31.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 70.414 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075076.D

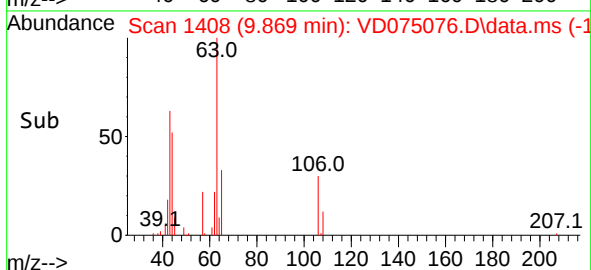
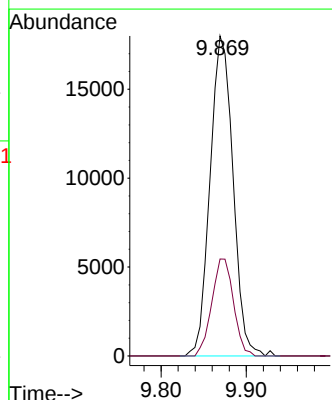
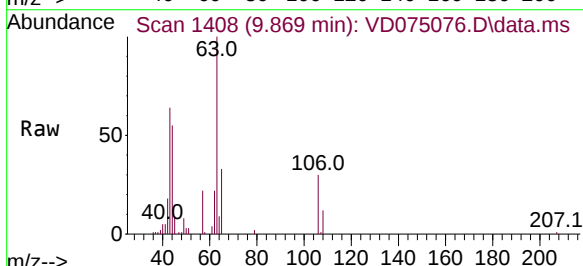
Acq: 28 Dec 2022 20:02

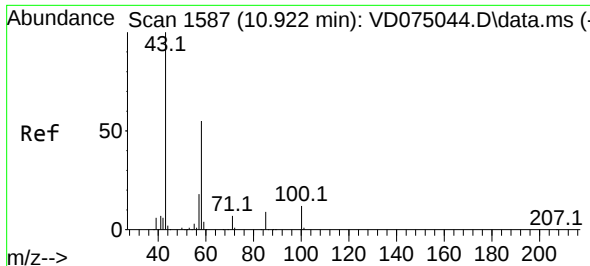
Tgt Ion: 63 Resp: 33678

Ion Ratio Lower Upper

63 100

106 28.6 25.3 37.9

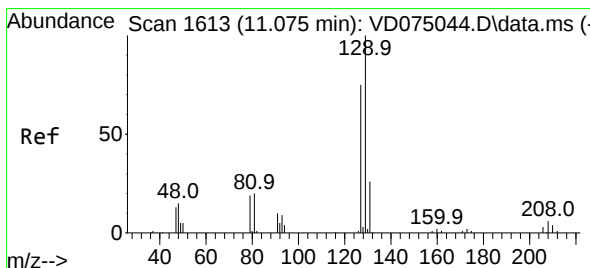
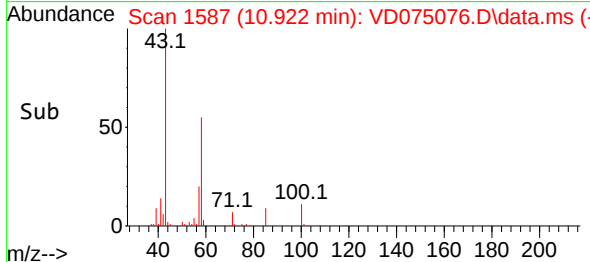
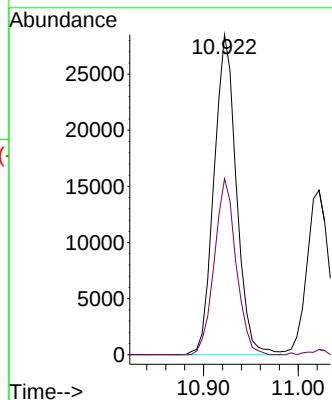
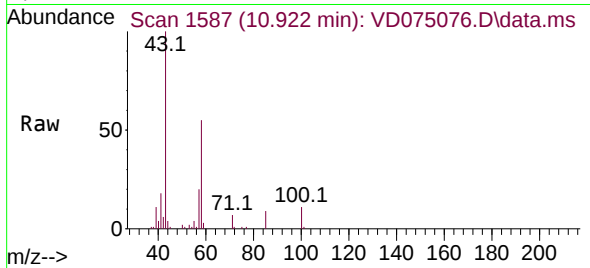




#59
2-Hexanone
Concen: 85.999 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

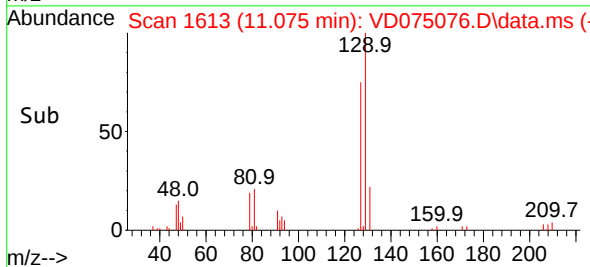
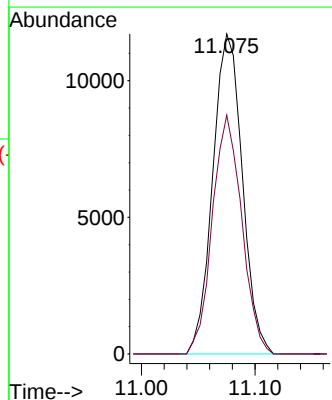
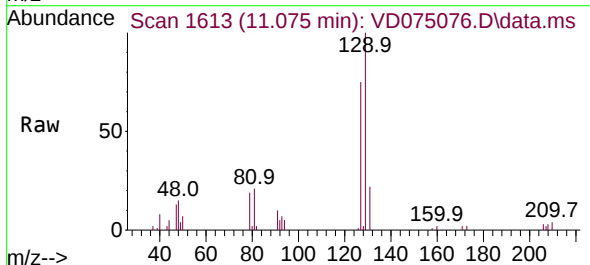
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

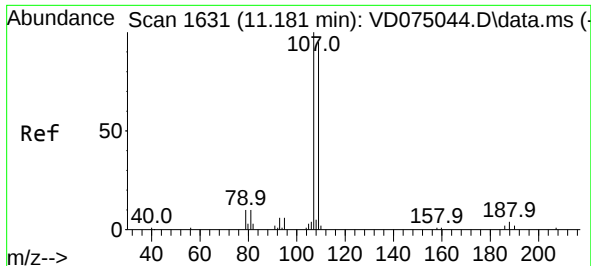
Tgt Ion: 43 Resp: 46796
Ion Ratio Lower Upper
43 100
58 53.6 30.8 92.4



#60
Dibromochloromethane
Concen: 20.915 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 129 Resp: 21211
Ion Ratio Lower Upper
129 100
127 74.2 38.8 116.3

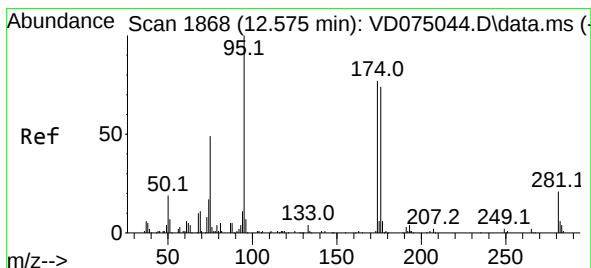
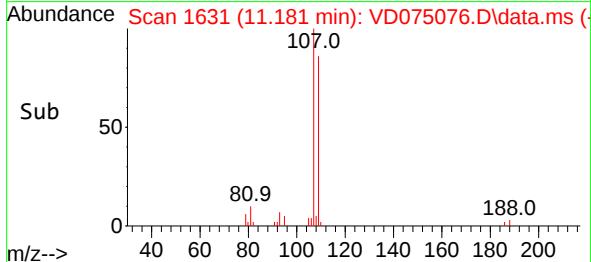
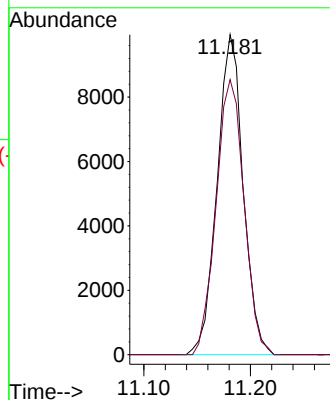
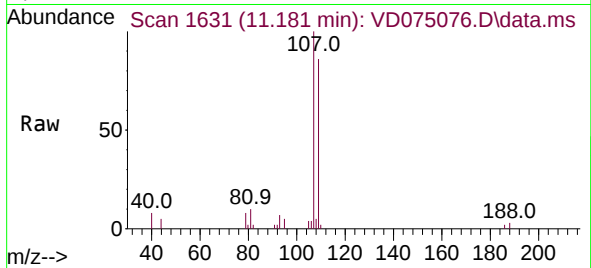




#61
1,2-Dibromoethane
Concen: 21.260 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

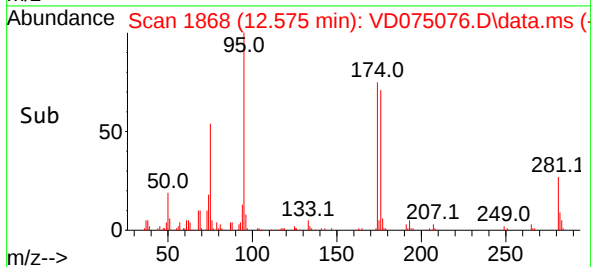
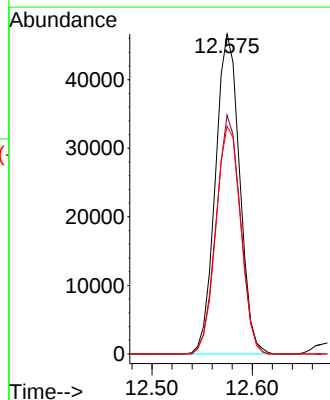
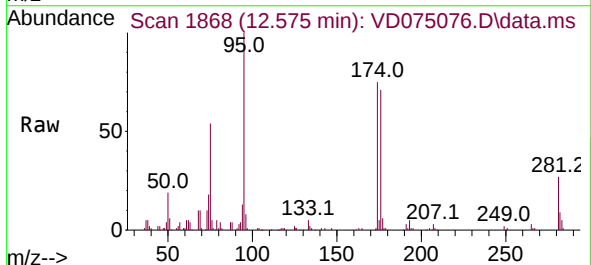
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

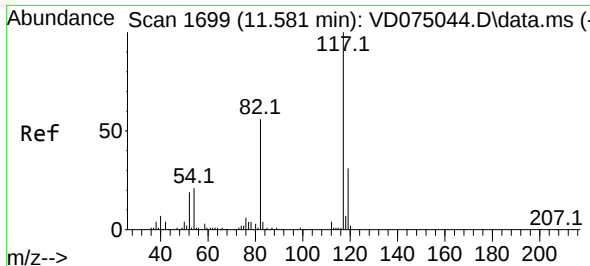
Tgt Ion:107 Resp: 16872
Ion Ratio Lower Upper
107 100
109 92.2 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 51.860 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 95 Resp: 78337
Ion Ratio Lower Upper
95 100
174 74.9 0.0 171.2
176 73.1 0.0 165.0

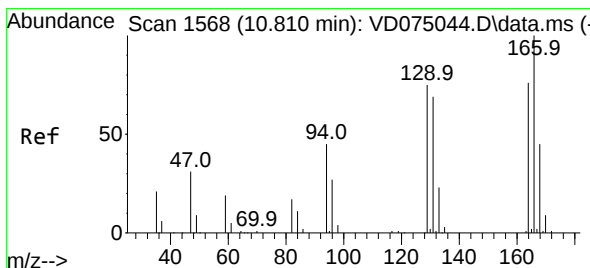
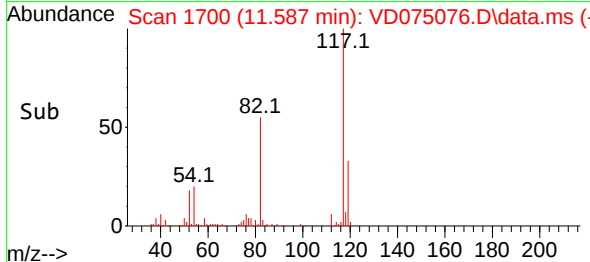
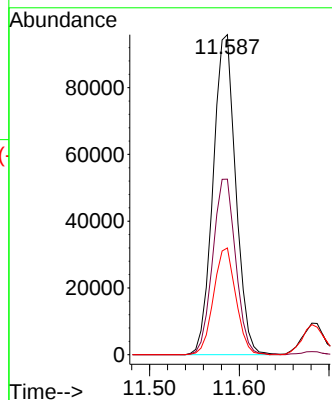
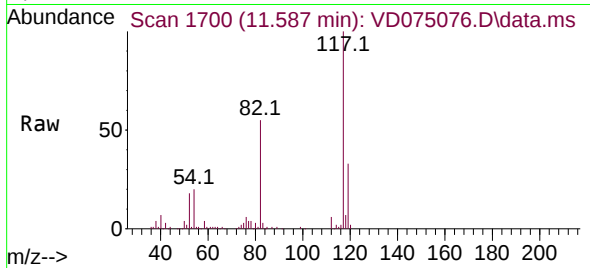




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

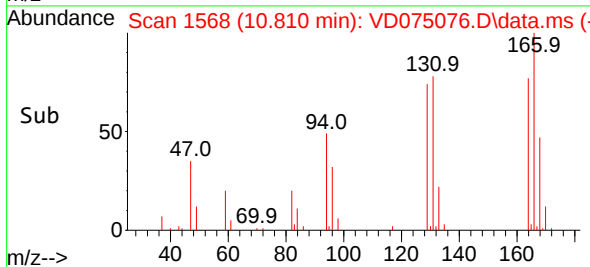
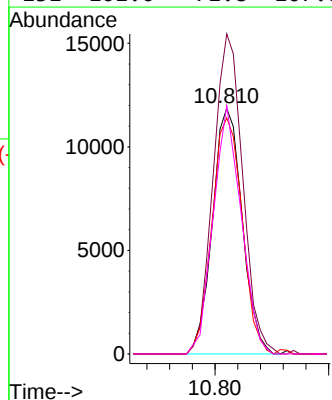
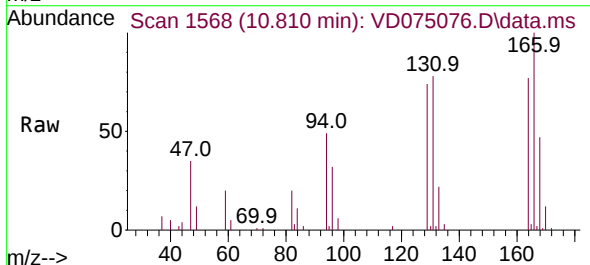
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

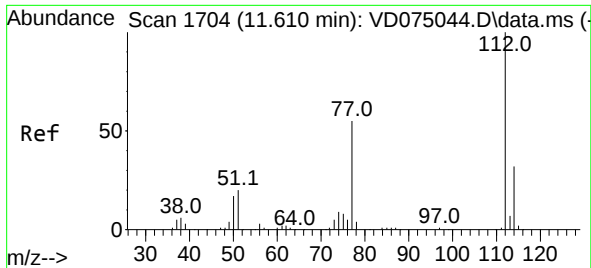
Tgt Ion:117 Resp: 168027
Ion Ratio Lower Upper
117 100
82 54.9 40.9 61.3
119 33.4 25.5 38.3



#64
Tetrachloroethene
Concen: 21.792 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:164 Resp: 21433
Ion Ratio Lower Upper
164 100
166 130.3 99.4 149.0
129 96.1 76.7 115.1
131 101.0 71.8 107.8

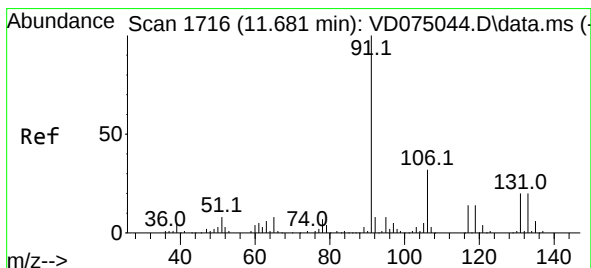
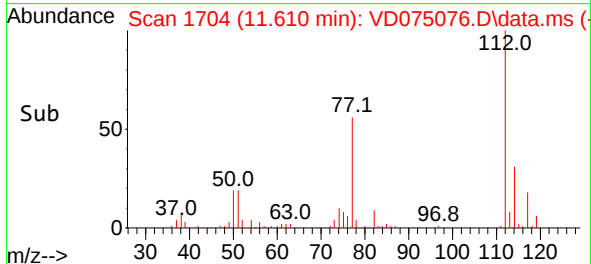
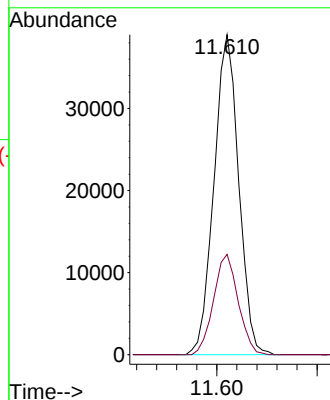
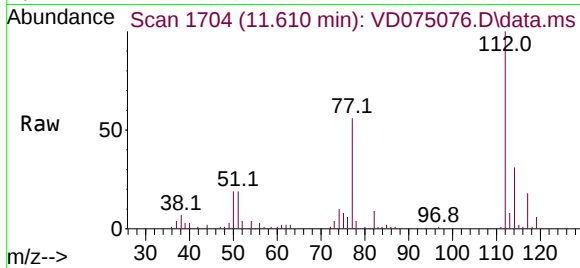




#65
Chlorobenzene
Concen: 21.706 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

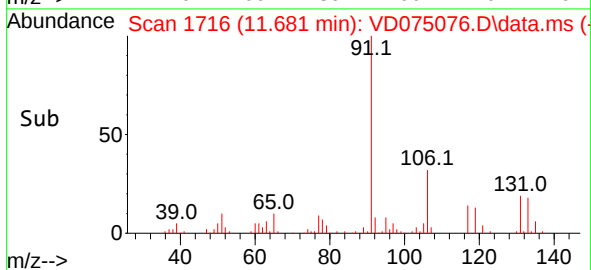
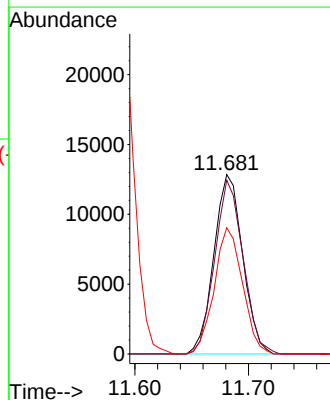
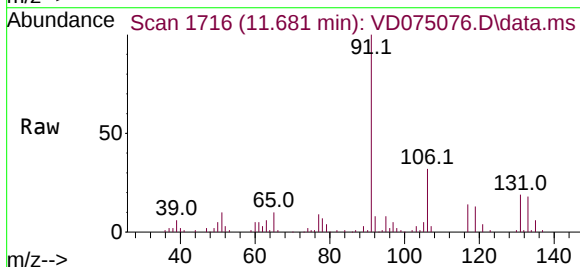
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

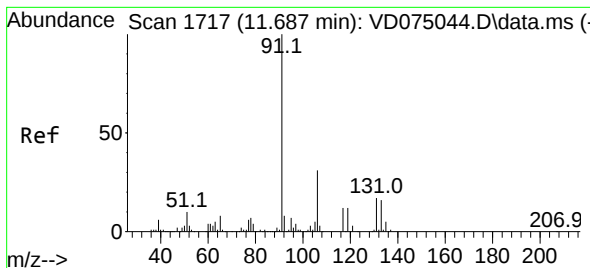
Tgt Ion:112 Resp: 66612
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.303 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:131 Resp: 22639
Ion Ratio Lower Upper
131 100
133 95.5 48.5 145.6
119 68.9 34.2 102.5

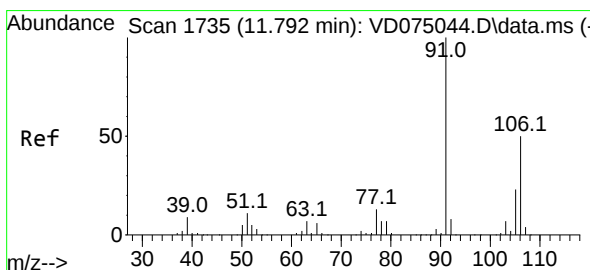
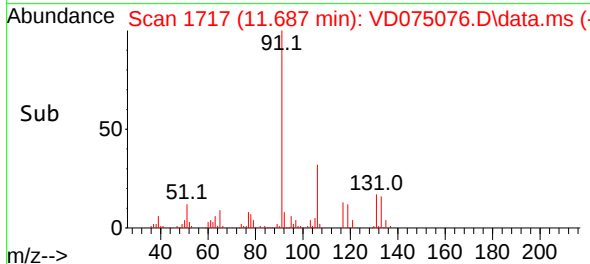
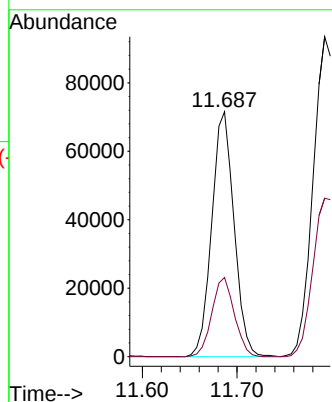
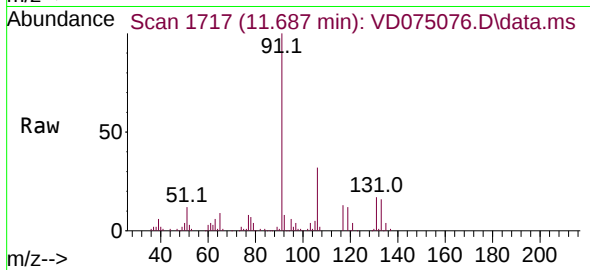




#67
Ethyl Benzene
Concen: 20.864 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

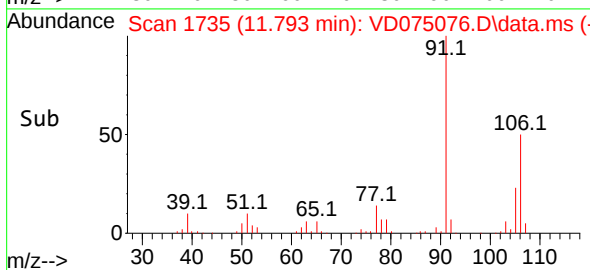
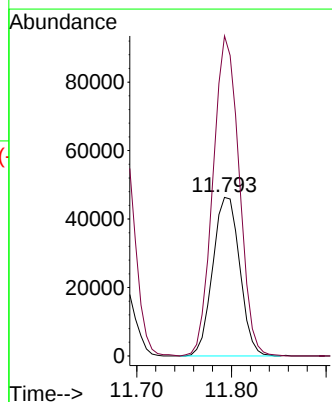
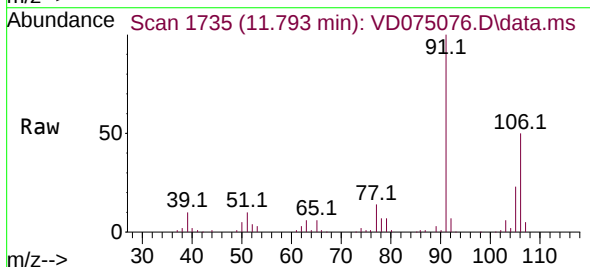
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

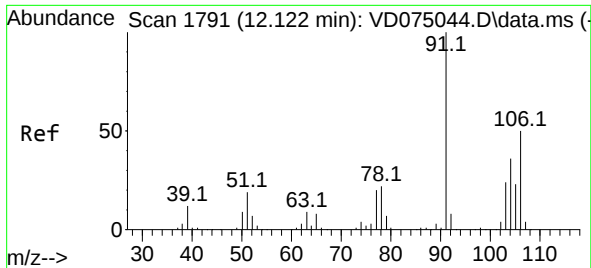
Tgt Ion: 91 Resp: 117185
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 43.095 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:106 Resp: 91772
Ion Ratio Lower Upper
106 100
91 195.6 156.3 234.5

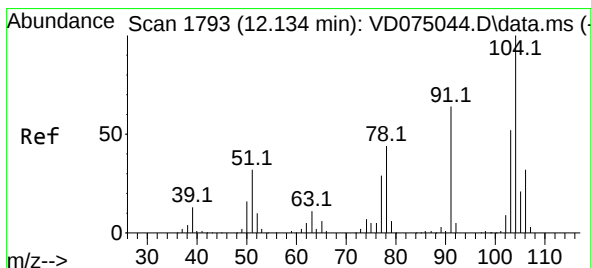
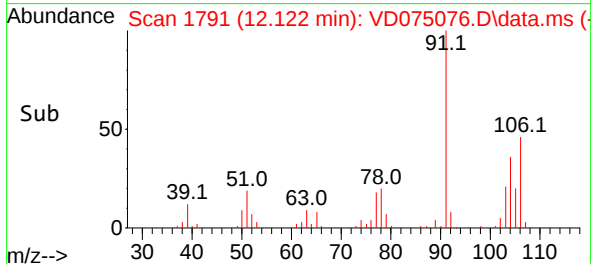
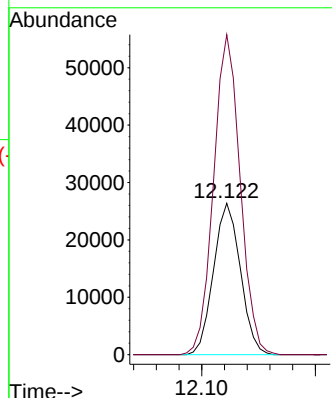
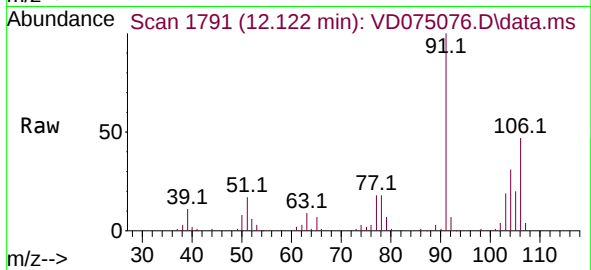




#69
o-Xylene
Concen: 21.158 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

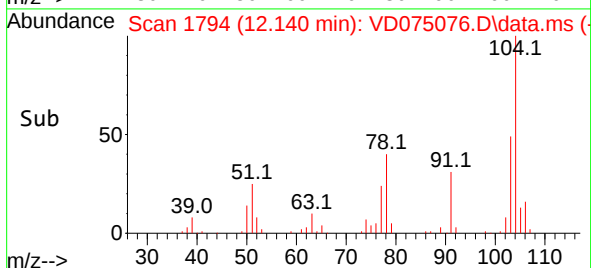
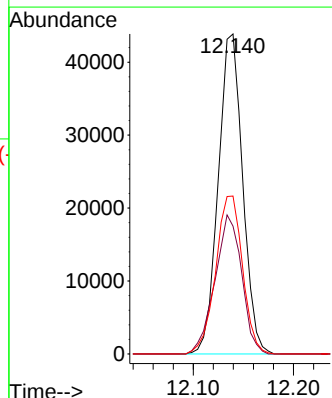
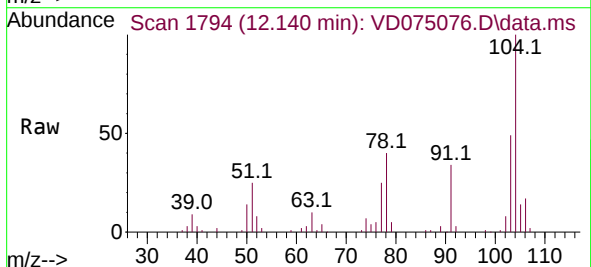
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

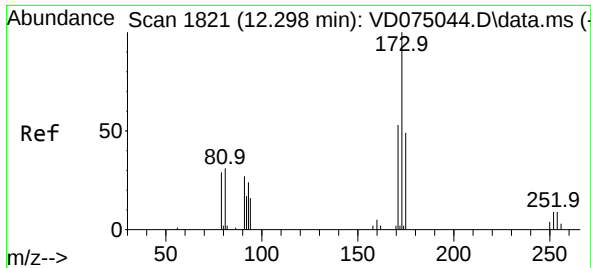
Tgt Ion:106 Resp: 43342
Ion Ratio Lower Upper
106 100
91 209.1 102.7 308.1



#70
Styrene
Concen: 21.532 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:104 Resp: 74155
Ion Ratio Lower Upper
104 100
78 47.5 35.5 53.3
103 54.4 43.9 65.9

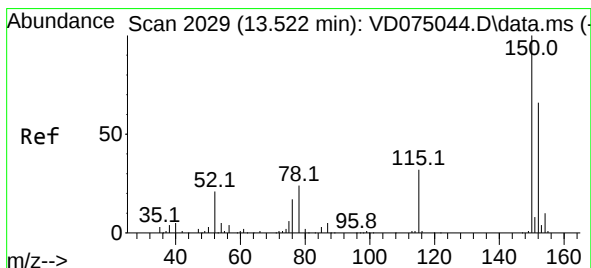
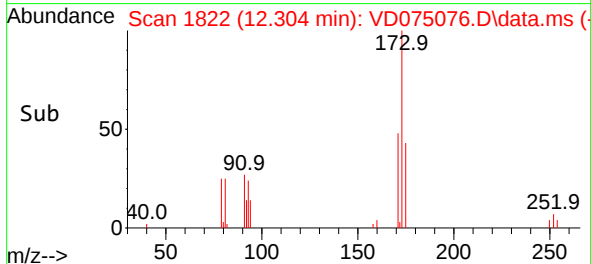
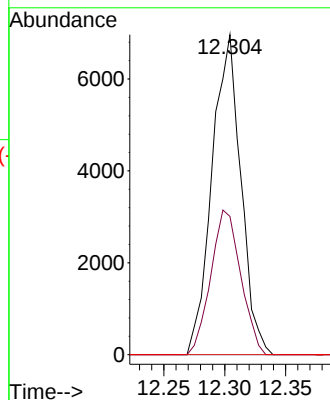
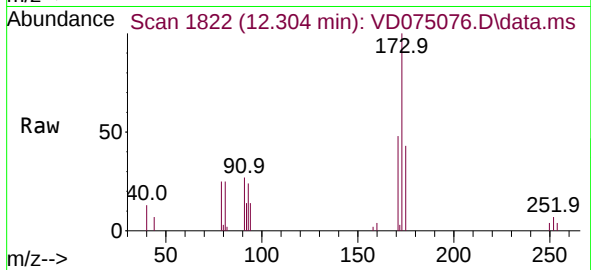




#71
Bromoform
Concen: 19.917 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

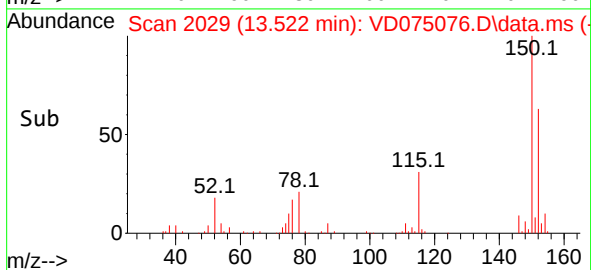
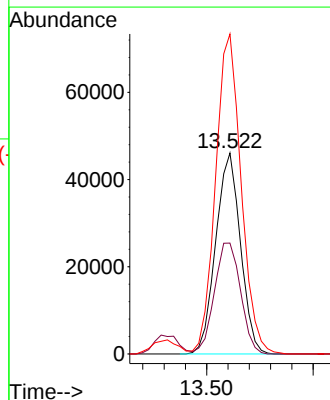
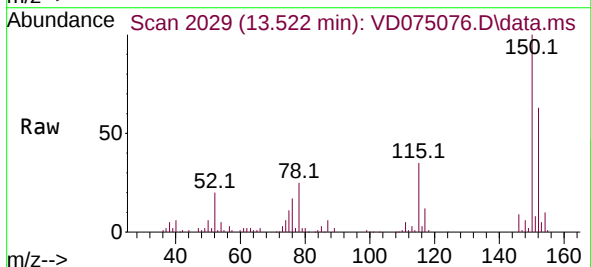
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

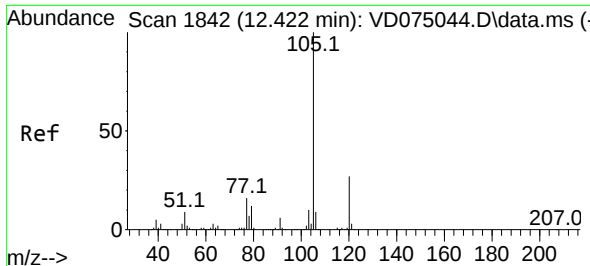
Tgt Ion:173 Resp: 11484
Ion Ratio Lower Upper
173 100
175 46.9 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:152 Resp: 74143
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 165.0 0.0 354.2

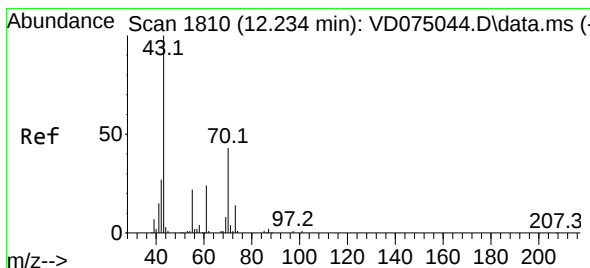
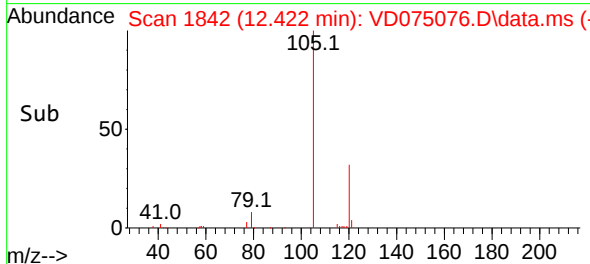
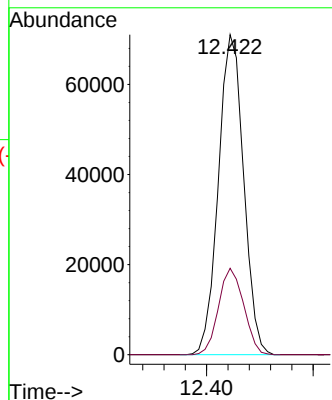
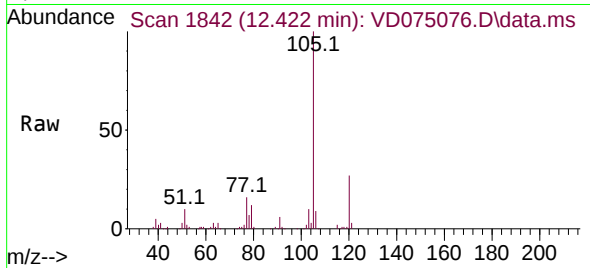




#73
Isopropylbenzene
Concen: 20.523 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

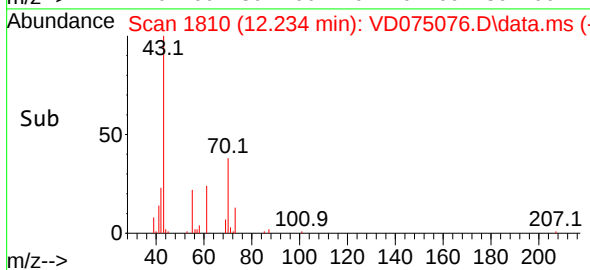
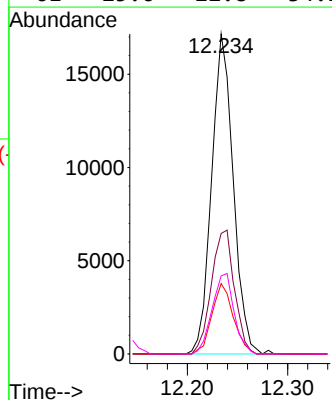
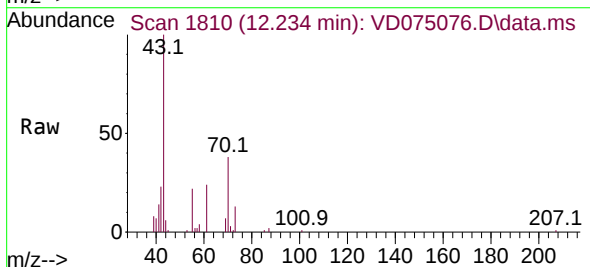
Instrument :
MSVOA_D
ClientSampleId :
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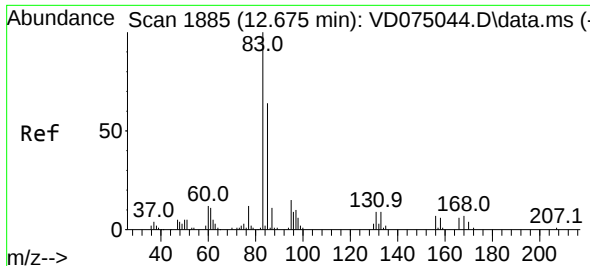
Tgt Ion:105 Resp: 116664
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6



#74
N-ethyl acetate
Concen: 17.788 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 43 Resp: 25666
Ion Ratio Lower Upper
43 100
70 41.1 40.6 60.8
55 21.9 22.0 33.0#
61 25.6 22.8 34.2

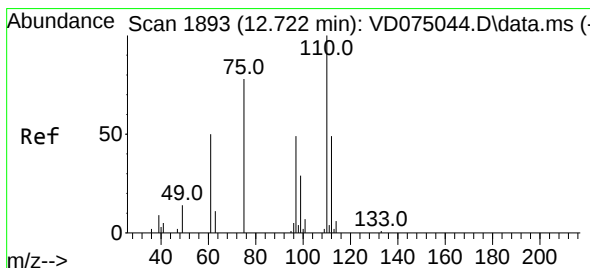
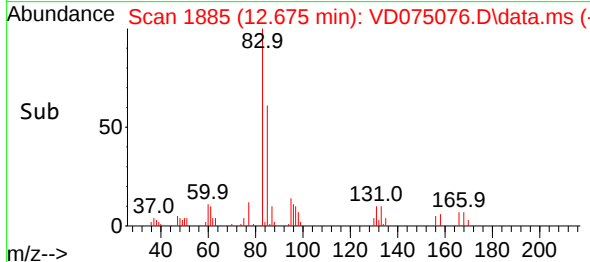
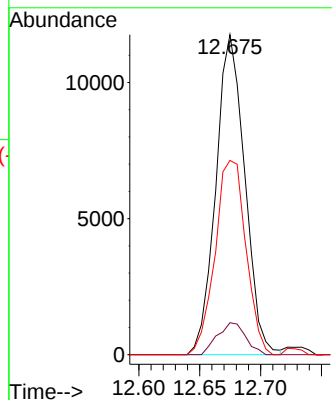
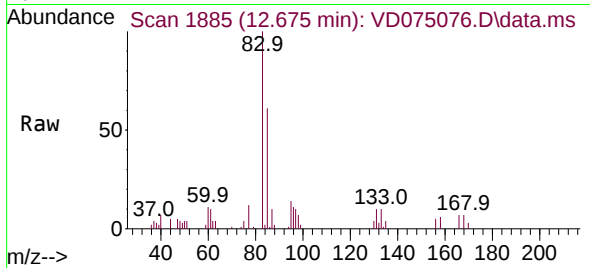




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.191 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

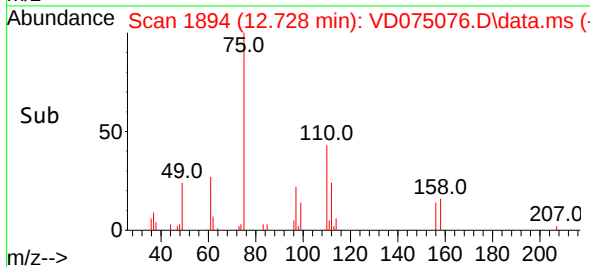
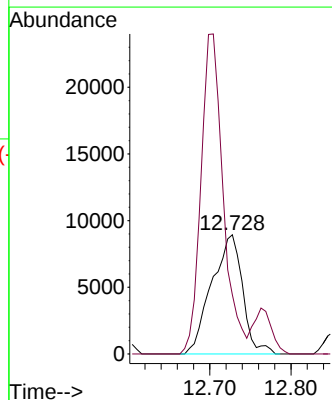
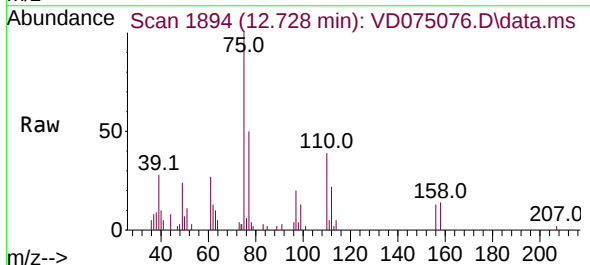
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

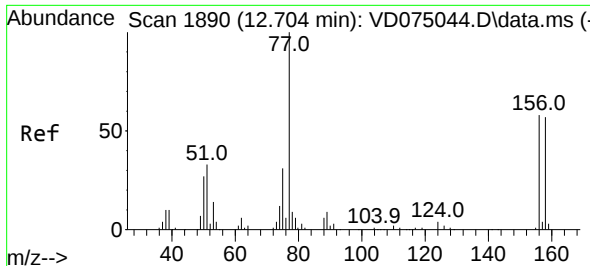
Tgt Ion: 83 Resp: 19453
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 64.7 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 31.065 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion: 75 Resp: 23616
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

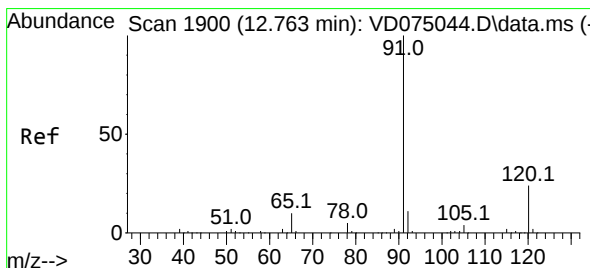
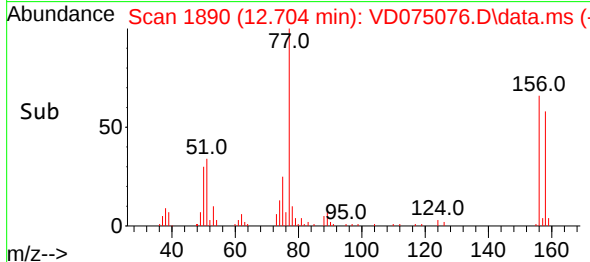
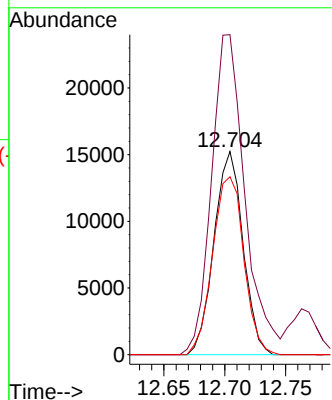
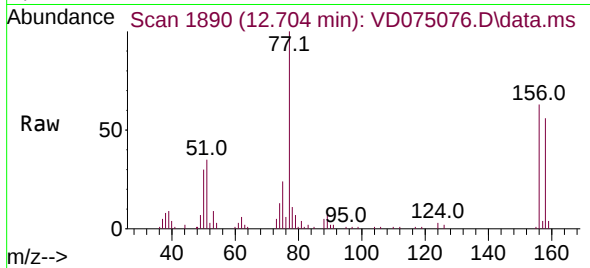




#77
Bromobenzene
Concen: 20.815 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

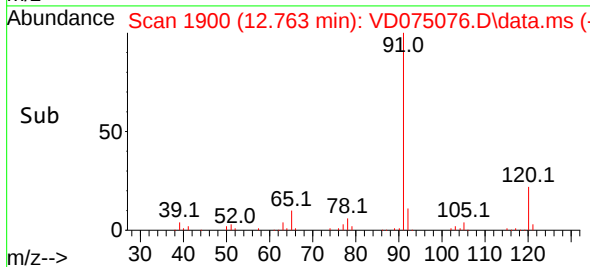
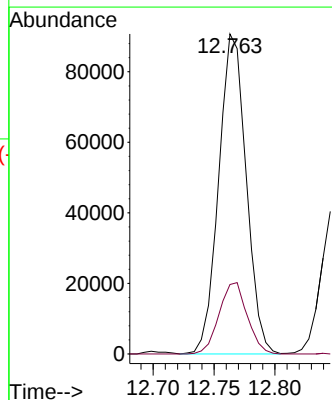
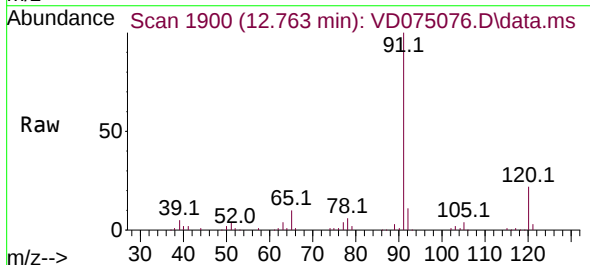
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

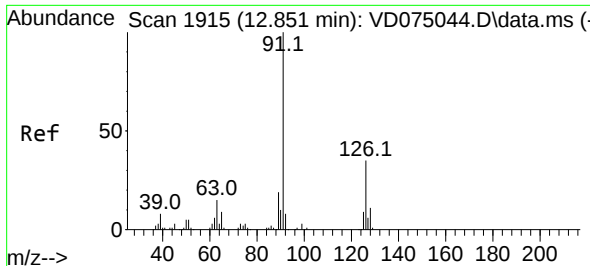
Tgt Ion:156 Resp: 25257
Ion Ratio Lower Upper
156 100
77 181.0 86.3 258.9
158 94.2 48.3 144.9



#78
n-propylbenzene
Concen: 20.486 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 91 Resp: 142636
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7

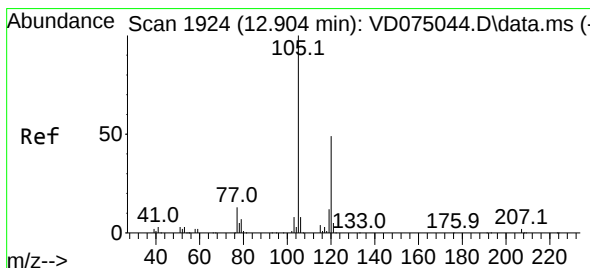
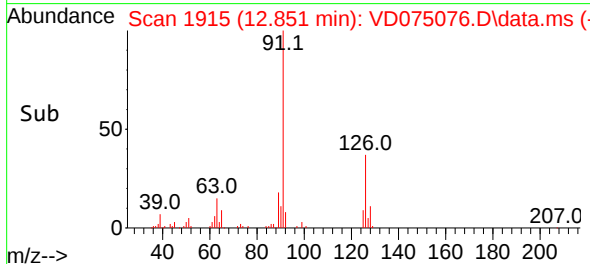
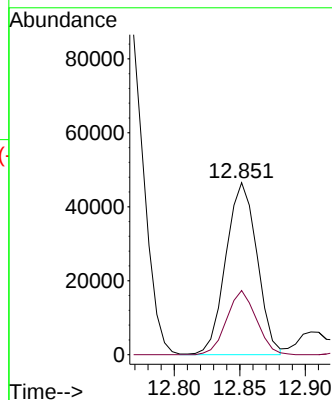
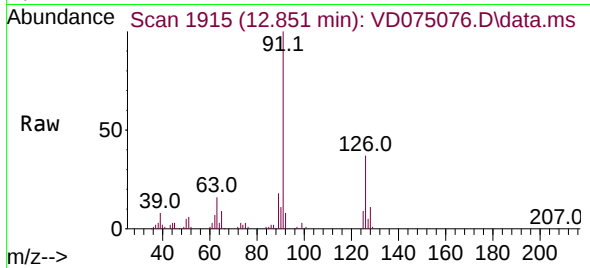




#79
2-Chlorotoluene
Concen: 20.260 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

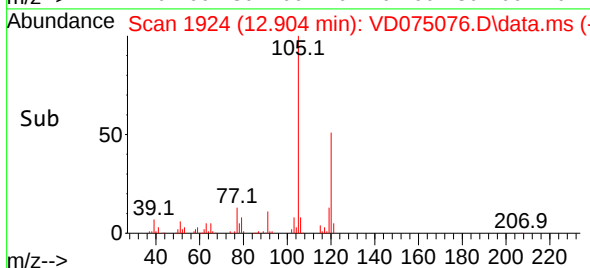
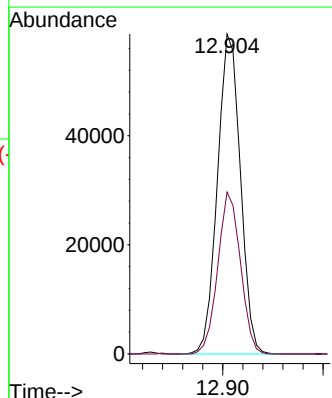
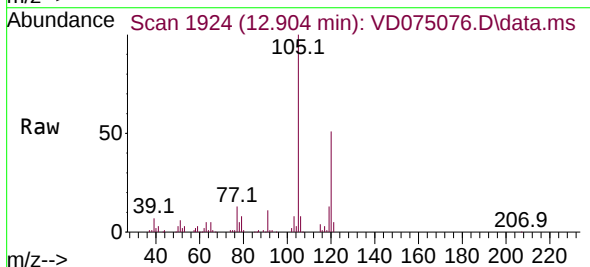
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

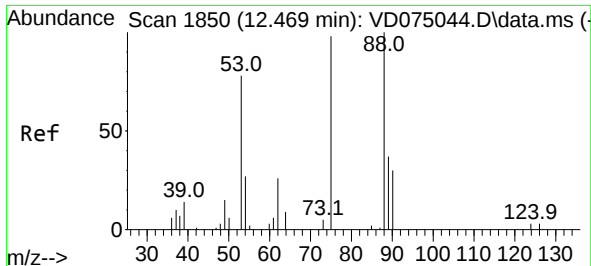
Tgt Ion: 91 Resp: 77067
Ion Ratio Lower Upper
91 100
126 35.4 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.297 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 105 Resp: 93047
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3

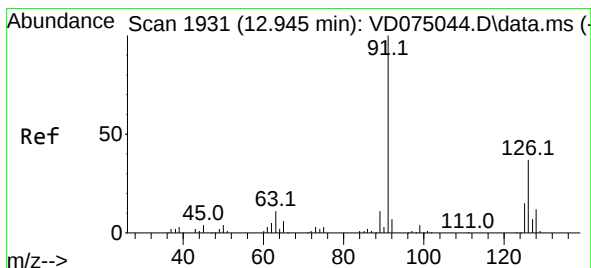
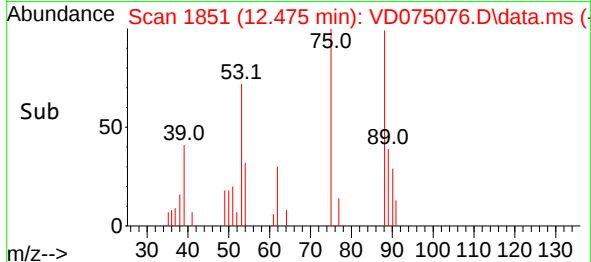
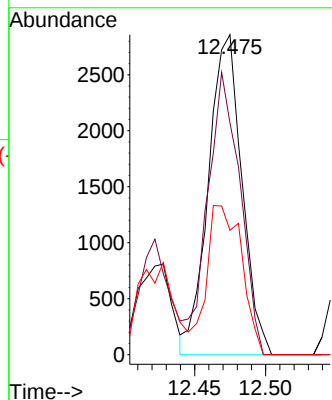
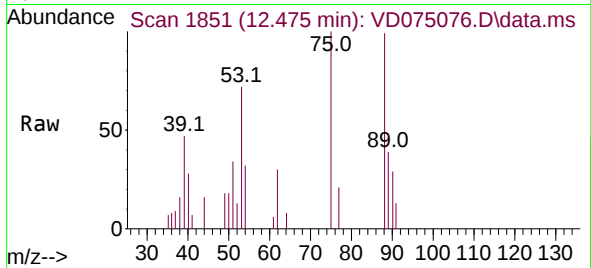




#81
trans-1,4-Dichloro-2-butene
Concen: 14.265 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

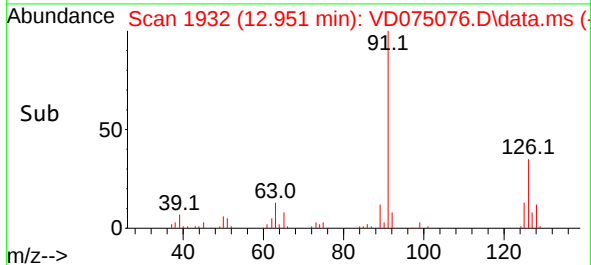
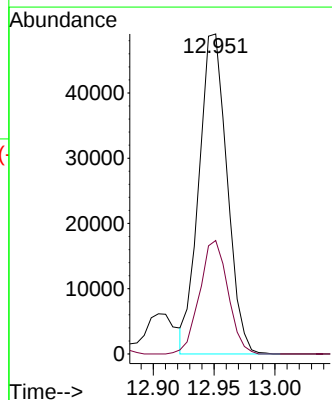
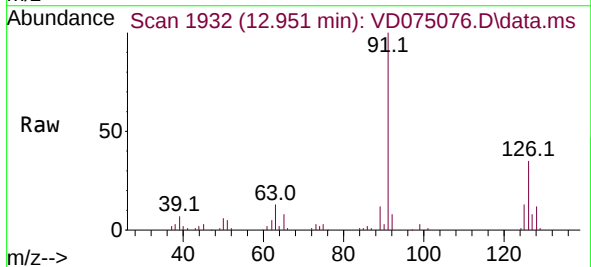
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

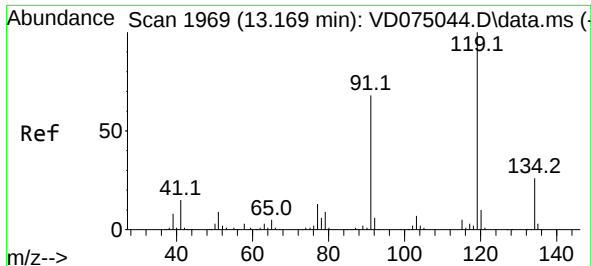
Tgt Ion: 75 Resp: 4679
Ion Ratio Lower Upper
75 100
53 86.1 60.0 90.0
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.338 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 91 Resp: 78933
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.1

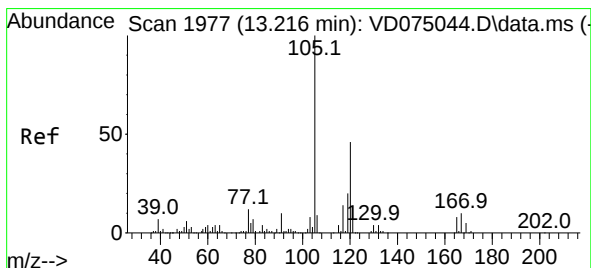
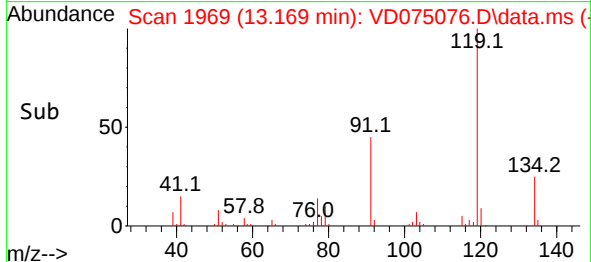
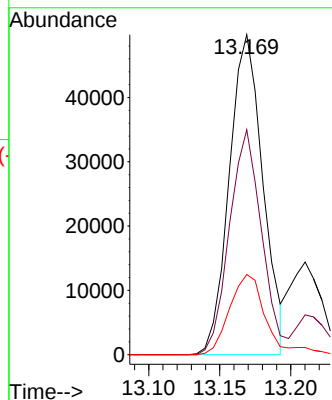
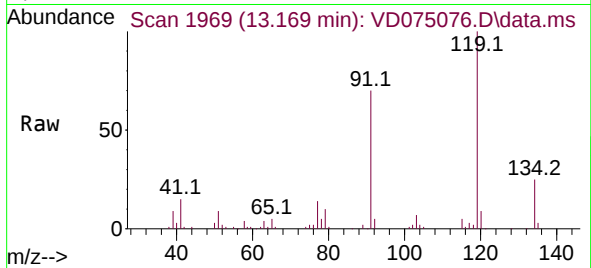




#83
tert-Butylbenzene
Concen: 20.193 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

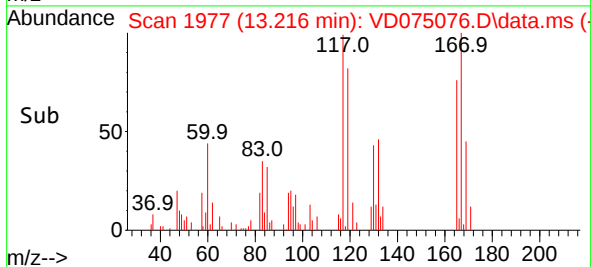
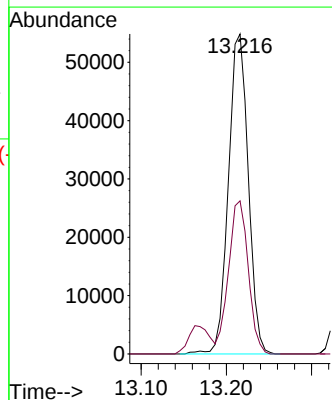
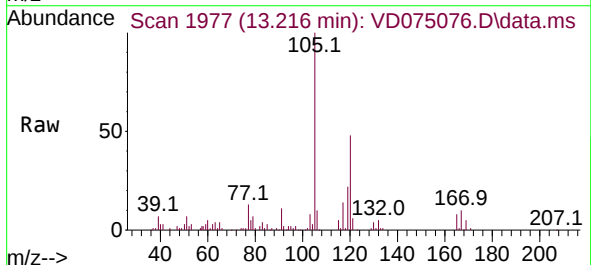
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

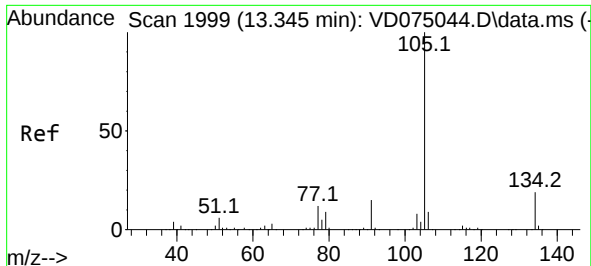
Tgt Ion:119 Resp: 81948
Ion Ratio Lower Upper
119 100
91 67.8 31.2 93.6
134 27.1 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 19.889 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion:105 Resp: 88682
Ion Ratio Lower Upper
105 100
120 47.6 23.1 69.3

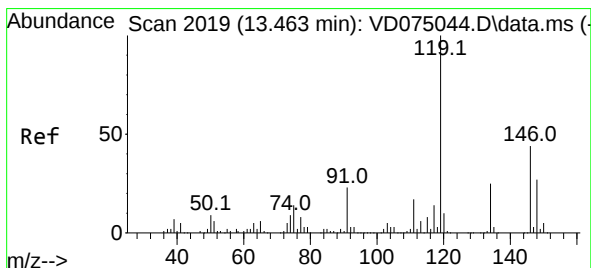
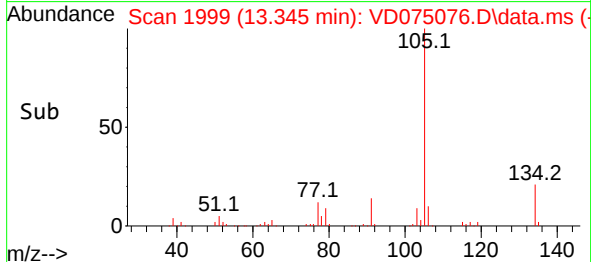
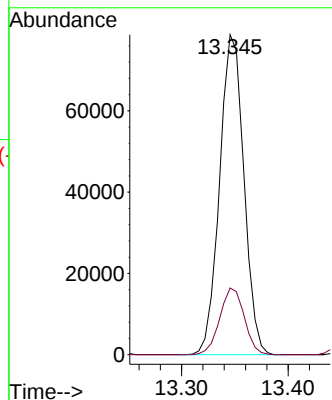
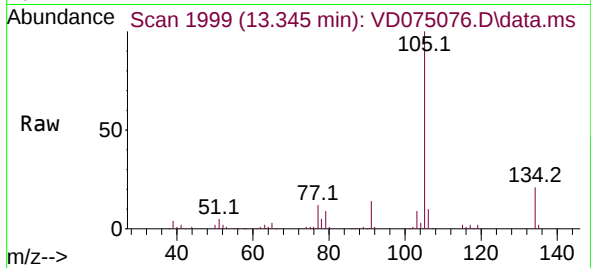




#85
 sec-Butylbenzene
 Concen: 19.988 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

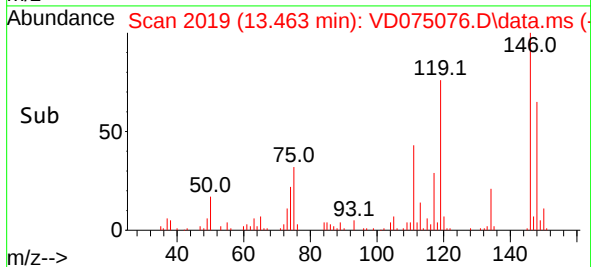
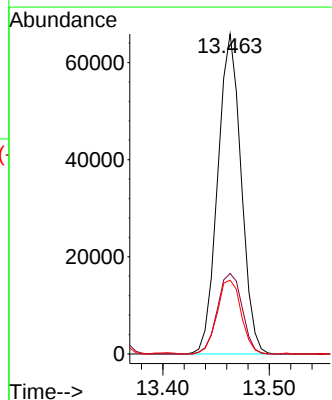
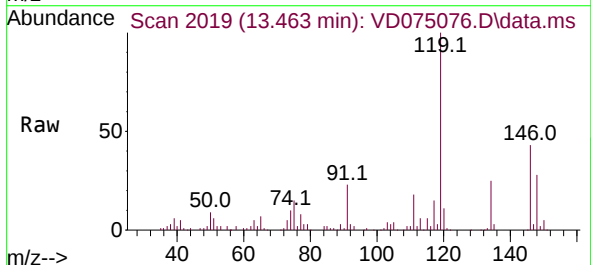
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

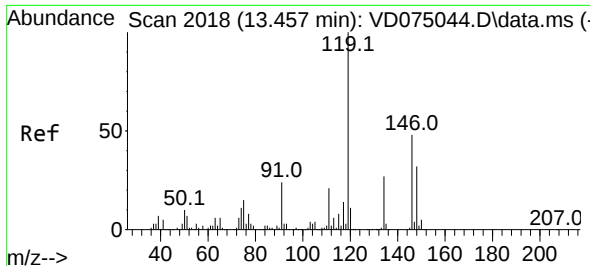
Tgt Ion:105 Resp: 124541
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.197 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion:119 Resp: 100390
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 23.9 11.1 33.1

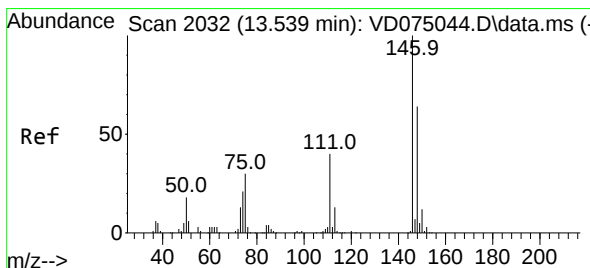
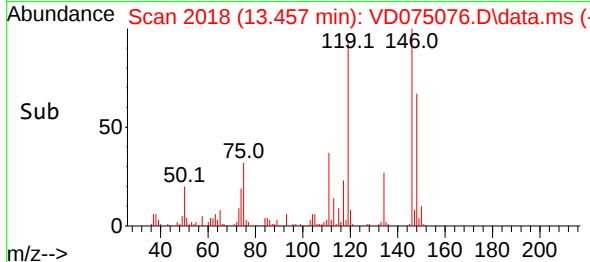
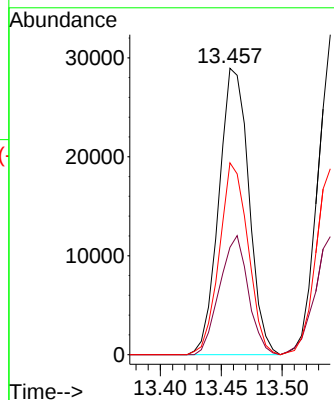
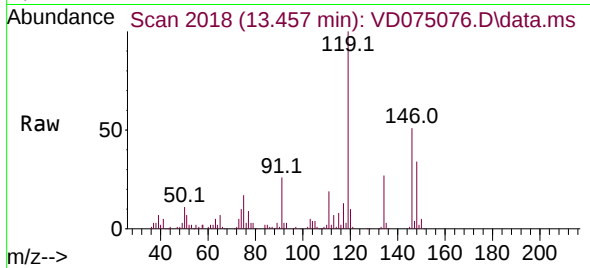




#87
 1,3-Dichlorobenzene
 Concen: 20.850 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

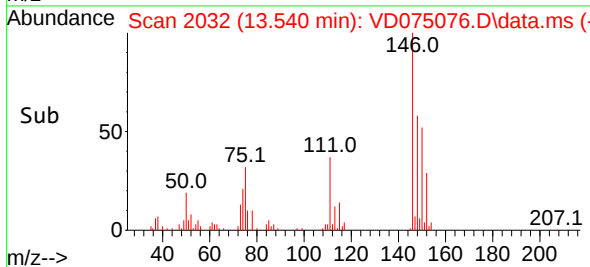
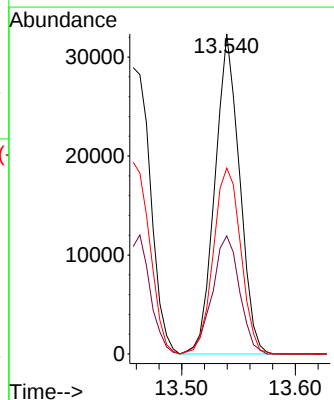
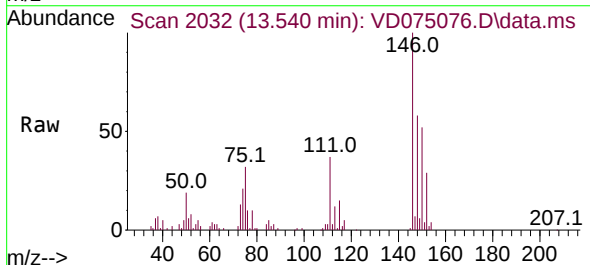
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

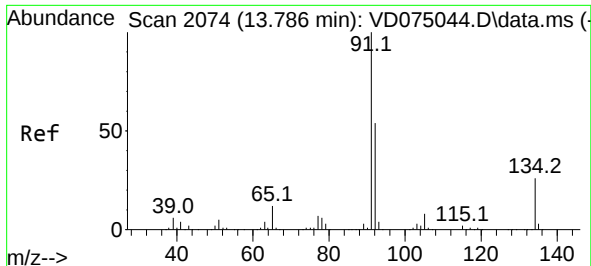
Tgt Ion:146 Resp: 49430
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.5
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 20.571 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion:146 Resp: 48716
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.6 55.6
 148 64.6 32.0 96.2

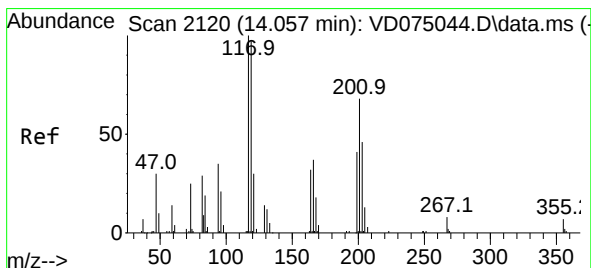
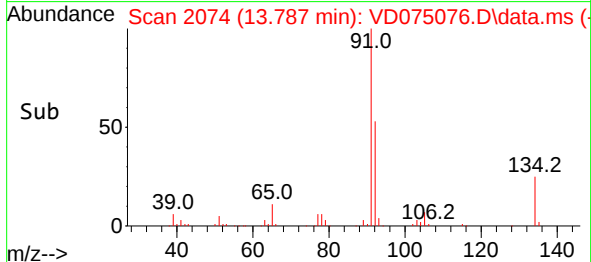
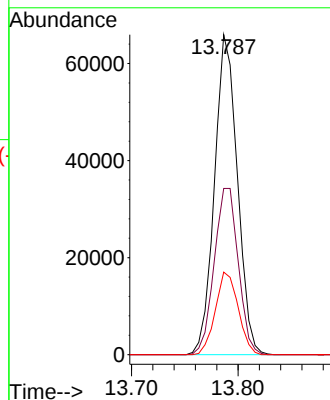
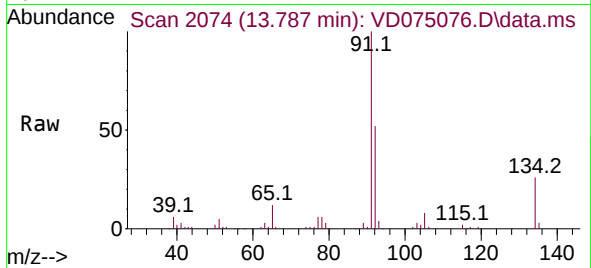




#89
n-Butylbenzene
Concen: 19.803 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

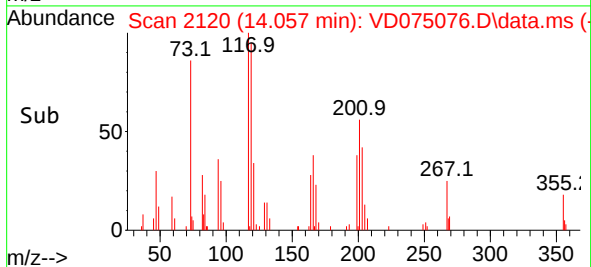
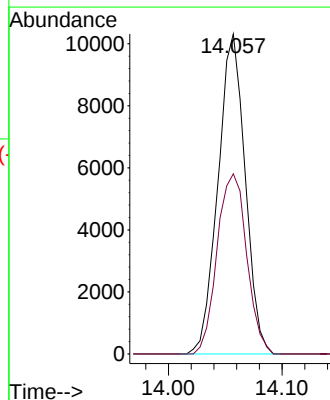
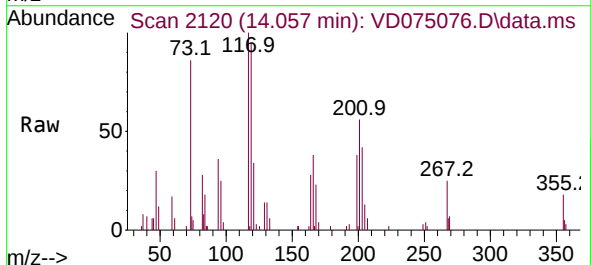
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

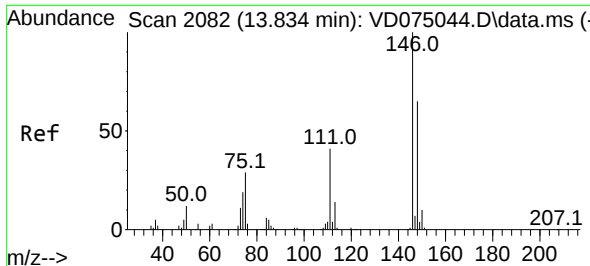
Tgt Ion: 91 Resp: 98310
Ion Ratio Lower Upper
91 100
92 54.6 26.8 80.3
134 25.7 13.3 39.8



#90
Hexachloroethane
Concen: 19.395 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 117 Resp: 17131
Ion Ratio Lower Upper
117 100
201 61.2 35.1 105.3

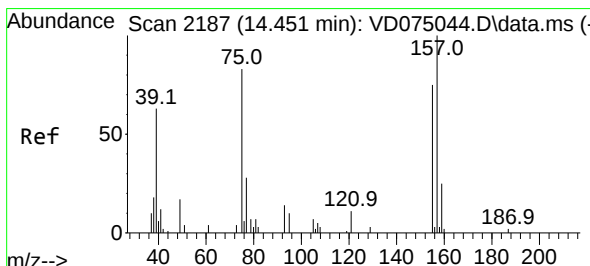
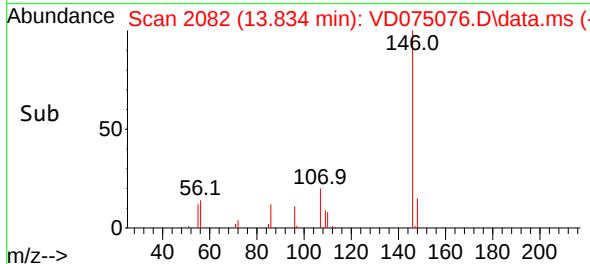
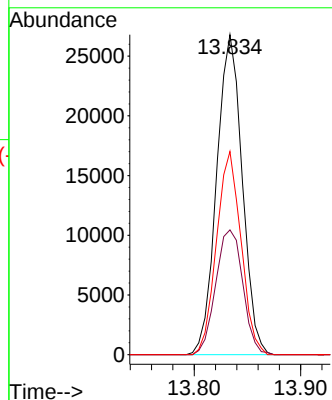
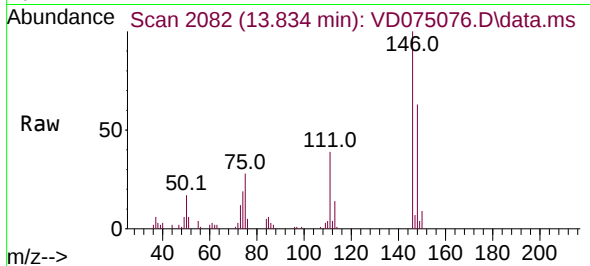




#91
1,2-Dichlorobenzene
Concen: 21.321 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

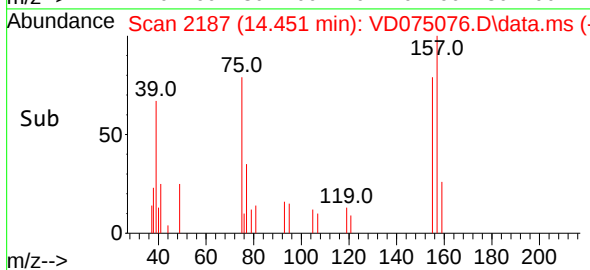
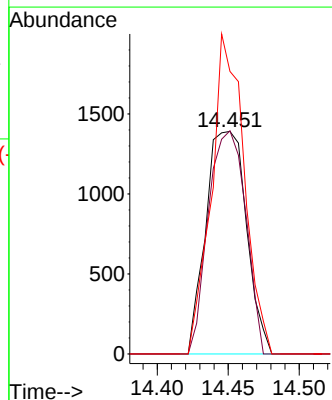
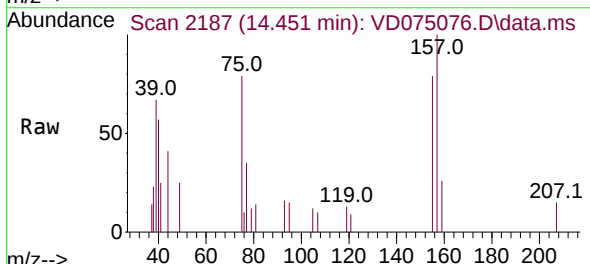
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

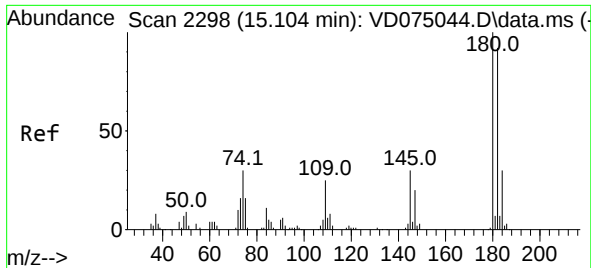
Tgt Ion:146	Resp:	44664
Ion Ratio	Lower	Upper
146	100	
111	41.3	19.9 59.7
148	60.9	31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.720 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075076.D
Acq: 28 Dec 2022 20:02

Tgt Ion: 75	Resp:	2760
Ion Ratio	Lower	Upper
75	100	
155	92.4	47.1 141.4
157	116.2	56.7 170.1

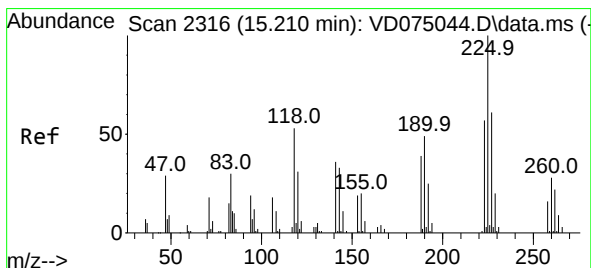
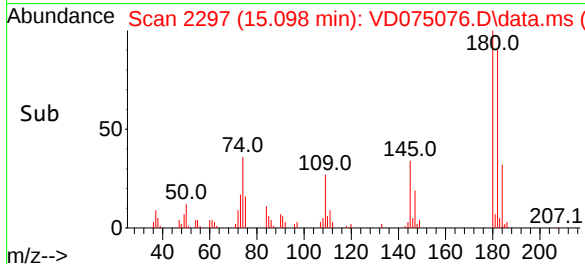
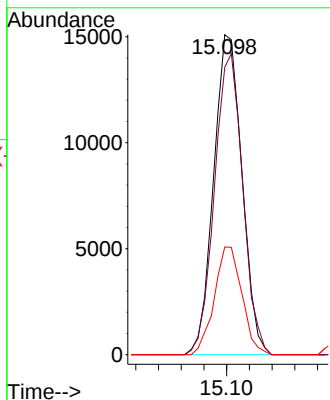
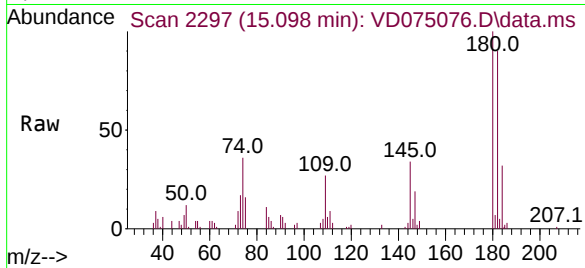




#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

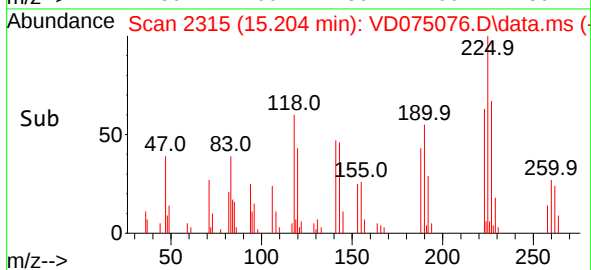
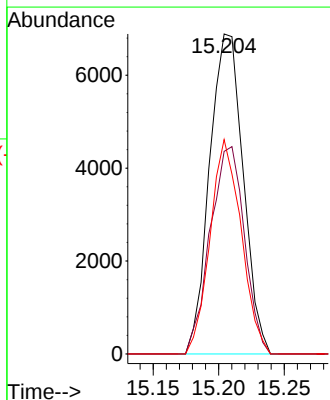
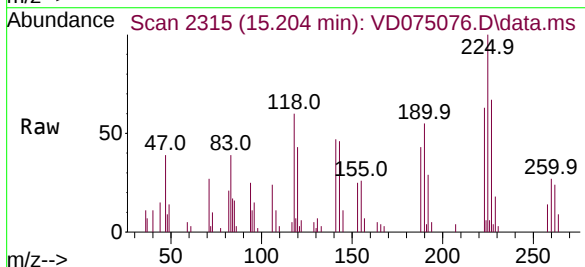
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

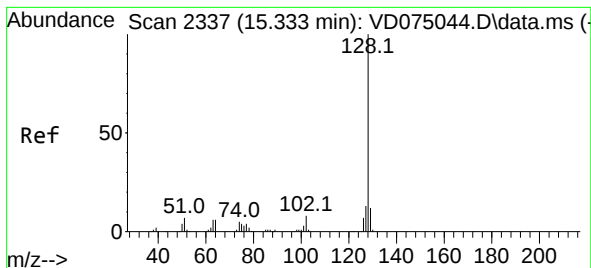
Tgt Ion:180 Resp: 26164
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.5 145.5
 145 32.8 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 17.826 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD075076.D
 Acq: 28 Dec 2022 20:02

Tgt Ion:225 Resp: 12266
 Ion Ratio Lower Upper
 225 100
 223 66.1 31.0 93.0
 227 62.0 31.0 93.0





#95

Naphthalene

Concen: 18.404 ug/l

RT: 15.334 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

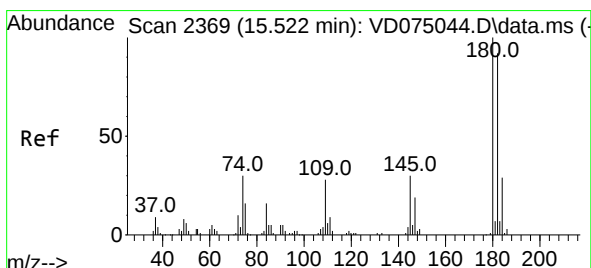
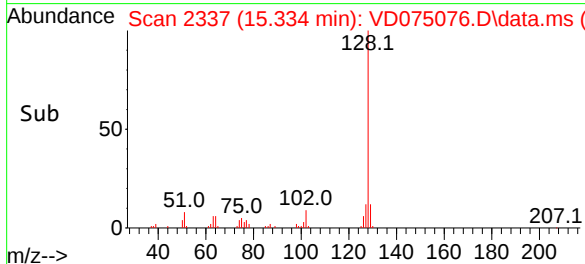
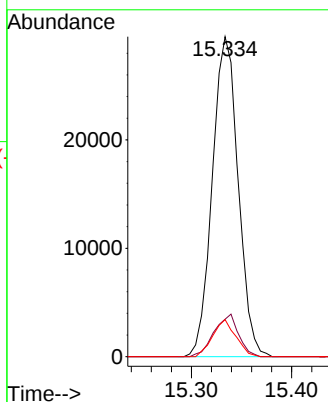
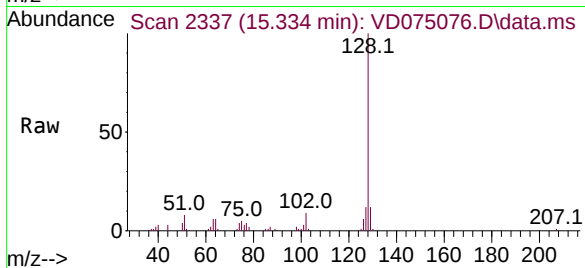
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	128	Resp:	52874
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.6	16.0
129	10.4	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.827 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD075076.D

Acq: 28 Dec 2022 20:02

Tgt Ion:	180	Resp:	22241
Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.3	138.9
145	36.2	15.3	45.9

