

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075059.D
 Acq On : 28 Dec 2022 11:30
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 29 03:45:13 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	128351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	225701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80307	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64458	51.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.804	113	70051	52.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.480%	
50) Toluene-d8	10.269	98	269437	50.209	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.575	95	85446	49.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	31682	51.437	ug/l	97
3) Chloromethane	2.146	50	54128	52.402	ug/l	99
4) Vinyl Chloride	2.281	62	55196	51.855	ug/l	98
5) Bromomethane	2.687	94	25495	56.129	ug/l	99
6) Chloroethane	2.834	64	36482	54.134	ug/l	95
7) Trichlorofluoromethane	3.169	101	81592	49.947	ug/l	99
8) Diethyl Ether	3.593	74	31681	50.577	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	58737	51.034	ug/l	98
10) Methyl Iodide	4.157	142	42581	43.099	ug/l	95
11) Tert butyl alcohol	5.057	59	21649	226.556	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	54826	49.301	ug/l	87
13) Acrolein	3.793	56	33322	220.616	ug/l	97
14) Allyl chloride	4.557	41	100080	51.718	ug/l #	91
15) Acrylonitrile	5.252	53	78932	248.854	ug/l	99
16) Acetone	4.022	43	89495	274.657	ug/l	94
17) Carbon Disulfide	4.269	76	103443	49.685	ug/l	98
18) Methyl Acetate	4.563	43	36128	47.275	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	148972	50.434	ug/l	100
20) Methylene Chloride	4.799	84	70084	48.322	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	60330	48.883	ug/l	91
22) Diisopropyl ether	6.216	45	210109	50.405	ug/l #	94
23) Vinyl Acetate	6.152	43	520427	276.072	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	123184	50.597	ug/l	95
25) 2-Butanone	7.081	43	108424	249.349	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	110731	50.913	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	77971	50.083	ug/l	90
28) Bromochloromethane	7.428	49	41827	49.630	ug/l	82
29) Tetrahydrofuran	7.446	42	58728	234.270	ug/l #	85
30) Chloroform	7.593	83	124496	52.369	ug/l	100
31) Cyclohexane	7.875	56	89009	50.165	ug/l	89
32) 1,1,1-Trichloroethane	7.787	97	105095	51.088	ug/l	96
36) 1,1-Dichloropropene	8.010	75	84835	49.452	ug/l	98
37) Ethyl Acetate	7.169	43	41673	48.089	ug/l	96
38) Carbon Tetrachloride	7.987	117	81452	54.910	ug/l	98
39) Methylcyclohexane	9.269	83	100914	48.437	ug/l	94
40) Benzene	8.251	78	260435	49.865	ug/l	100

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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)
41) Methacrylonitrile	7.398	41	25424	47.154	ug/l	90
42) 1,2-Dichloroethane	8.328	62	69994	52.528	ug/l	97
43) Isopropyl Acetate	8.357	43	84565	48.508	ug/l #	90
44) Trichloroethene	9.028	130	71485	49.693	ug/l	95
45) 1,2-Dichloropropane	9.304	63	71176	50.879	ug/l	95
46) Dibromomethane	9.393	93	34348	49.369	ug/l	99
47) Bromodichloromethane	9.587	83	93008	51.332	ug/l	98
48) Methyl methacrylate	9.381	41	36390	45.955	ug/l	86
49) 1,4-Dioxane	9.387	88	9098	1037.648	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	211004	245.014	ug/l	91
52) Toluene	10.334	92	162126	48.747	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	89076	50.530	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	108452	51.052	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	51681	50.728	ug/l	97
56) Ethyl methacrylate	10.598	69	65470	48.819	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	88202	51.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	137270	249.373	ug/l	94
59) 2-Hexanone	10.922	43	159457	254.621	ug/l	91
60) Dibromochloromethane	11.075	129	60647	51.961	ug/l	99
61) 1,2-Dibromoethane	11.181	107	46251	50.638	ug/l	97
64) Tetrachloroethene	10.810	164	55639	49.244	ug/l	97
65) Chlorobenzene	11.610	112	177345	50.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	63117	51.700	ug/l	98
67) Ethyl Benzene	11.687	91	318023	49.288	ug/l	98
68) m/p-Xylenes	11.792	106	239209	97.781	ug/l	99
69) o-Xylene	12.122	106	116384	49.457	ug/l	98
70) Styrene	12.134	104	196899	49.768	ug/l	97
71) Bromoform	12.298	173	32753	49.447	ug/l #	99
73) Isopropylbenzene	12.422	105	316781	51.450	ug/l	99
74) N-amyl acetate	12.234	43	75608	48.380	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	55358	50.422	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	69282	84.139	ug/l #	100
77) Bromobenzene	12.704	156	69178	52.636	ug/l	96
78) n-propylbenzene	12.763	91	380021	50.391	ug/l	100
79) 2-Chlorotoluene	12.851	91	205184	49.801	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	248959	50.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	16915	47.610	ug/l	92
82) 4-Chlorotoluene	12.945	91	205316	48.841	ug/l	98
83) tert-Butylbenzene	13.169	119	224612	51.099	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	241493	50.003	ug/l	100
85) sec-Butylbenzene	13.345	105	339750	50.343	ug/l	100
86) p-Isopropyltoluene	13.463	119	267732	49.729	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	131560	51.233	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	132351	51.598	ug/l	98
89) n-Butylbenzene	13.786	91	266375	49.538	ug/l	100
90) Hexachloroethane	14.057	117	49084	51.306	ug/l	96
91) 1,2-Dichlorobenzene	13.833	146	116773	51.465	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8328	49.363	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	78921	52.936	ug/l	96
94) Hexachlorobutadiene	15.204	225	37335	50.094	ug/l	98
95) Naphthalene	15.333	128	160138	51.462	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	67117	52.455	ug/l	96

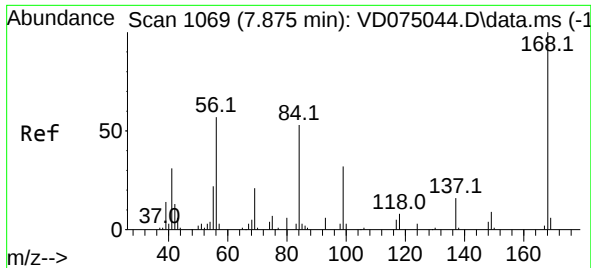
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QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

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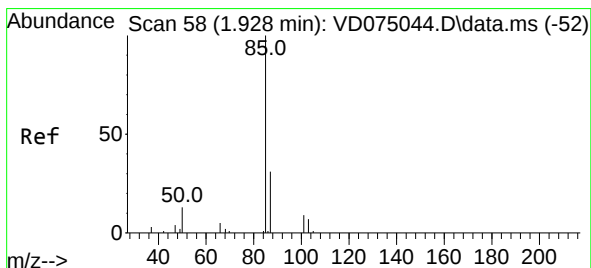
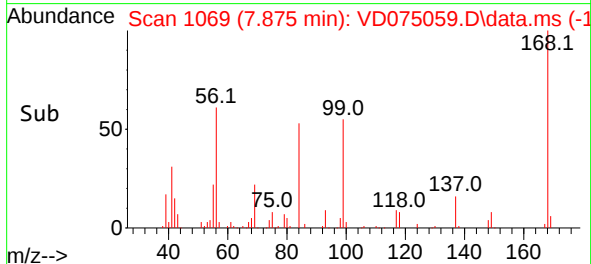
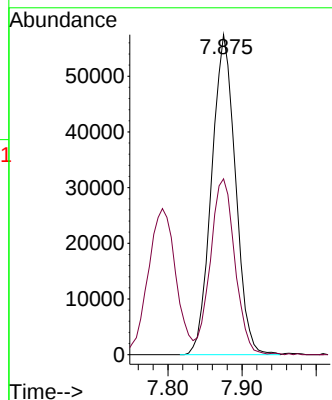
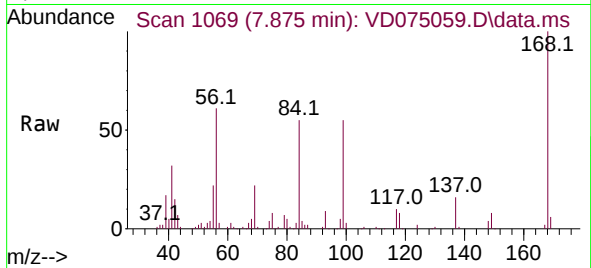
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

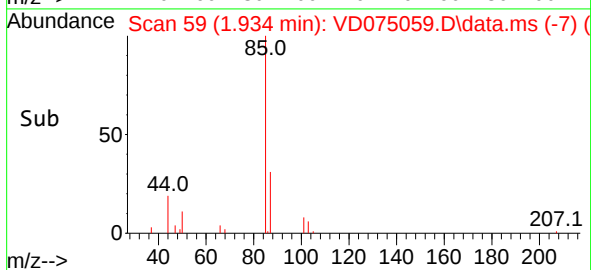
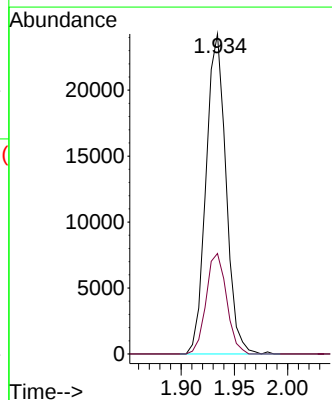
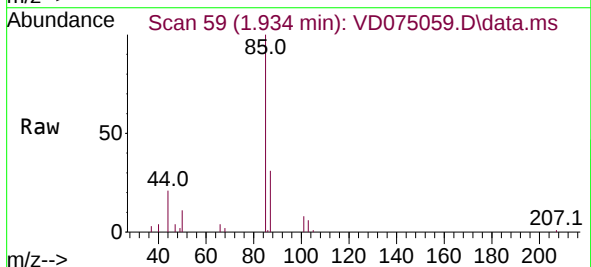
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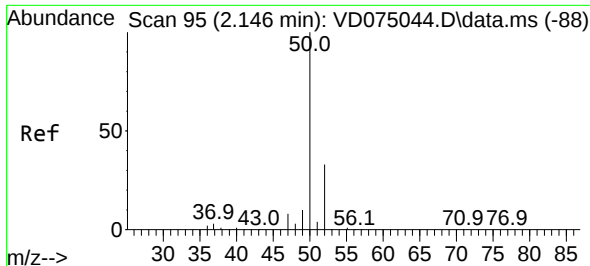
Tgt Ion:168 Resp: 128351
Ion Ratio Lower Upper
168 100
99 54.6 40.3 60.5



#2
Dichlorodifluoromethane
Concen: 51.437 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 85 Resp: 31682
Ion Ratio Lower Upper
85 100
87 31.4 16.5 49.5

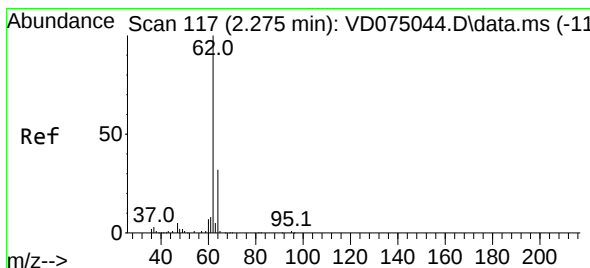
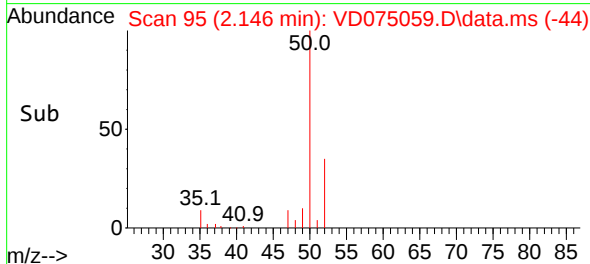
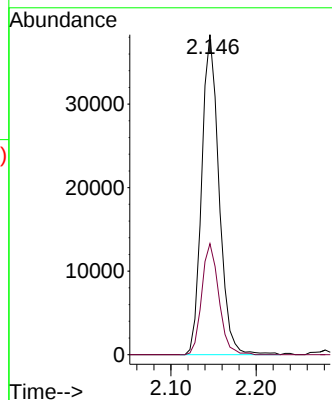
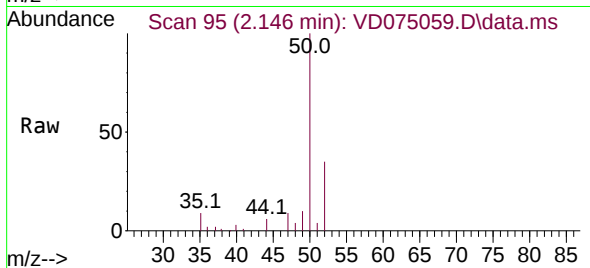




#3
Chloromethane
Concen: 52.402 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

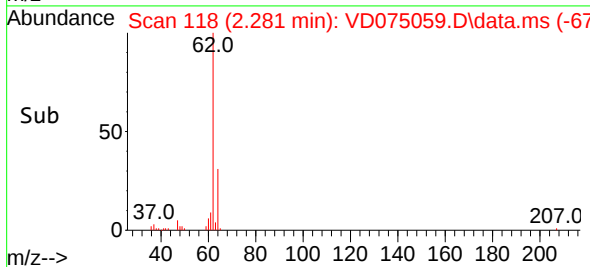
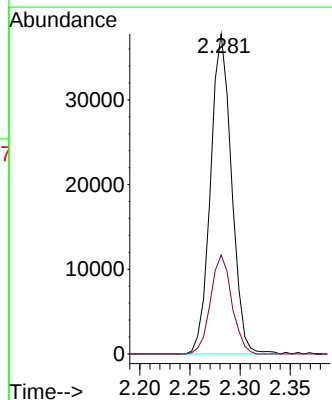
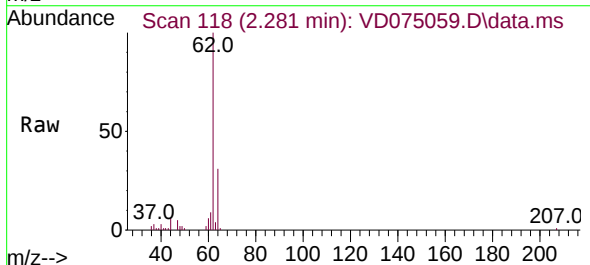
Instrument :
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ClientSampleId :
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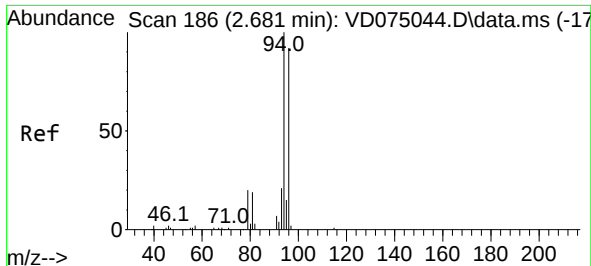
Tgt Ion: 50 Resp: 54128
Ion Ratio Lower Upper
50 100
52 34.7 27.2 40.8



#4
Vinyl Chloride
Concen: 51.855 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 62 Resp: 55196
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6

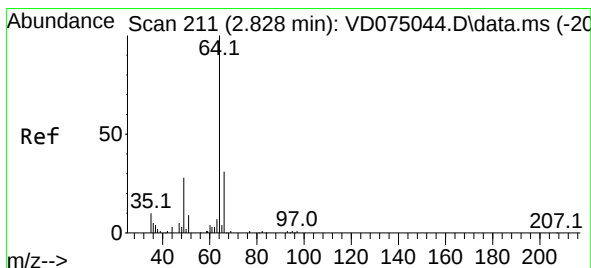
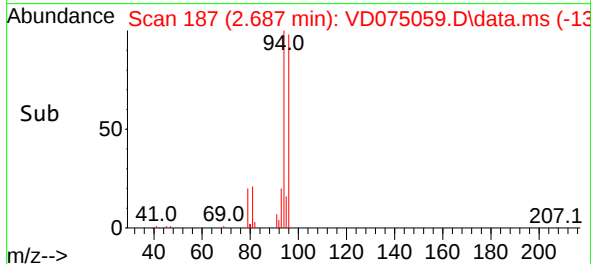
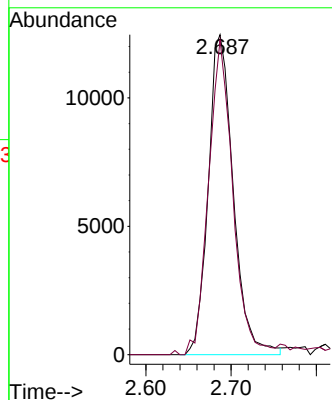
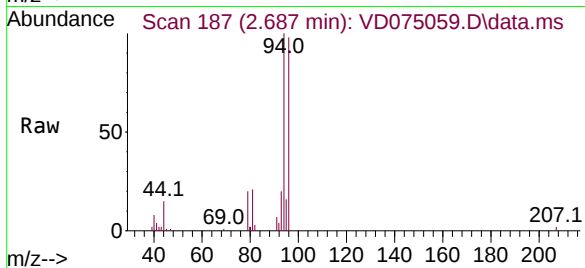




#5
Bromomethane
Concen: 56.129 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

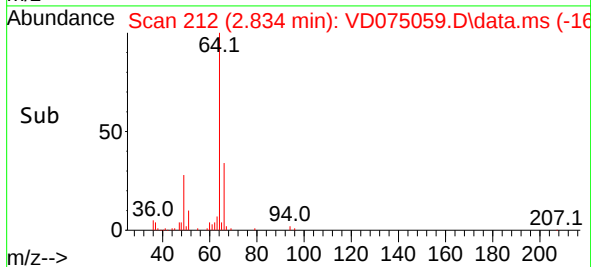
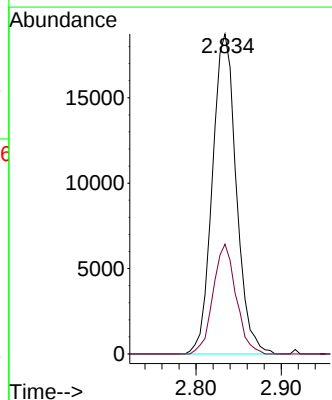
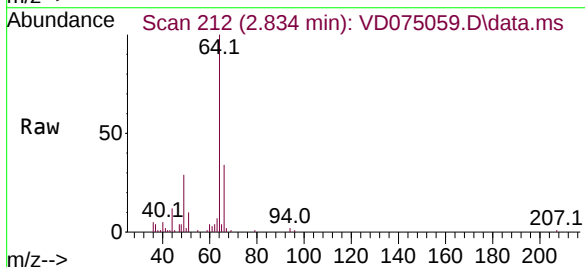
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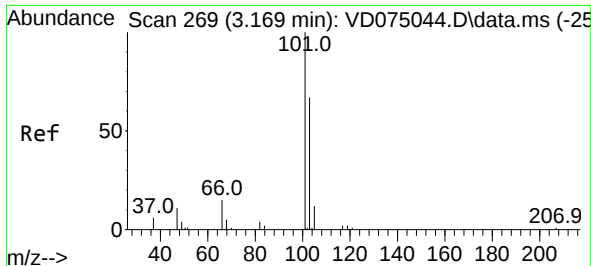
Tgt Ion: 94 Resp: 25495
Ion Ratio Lower Upper
94 100
96 95.4 75.2 112.8



#6
Chloroethane
Concen: 54.134 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 64 Resp: 36482
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7

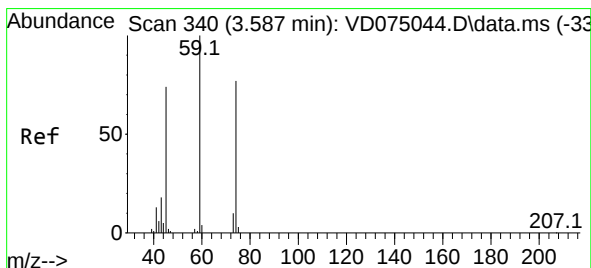
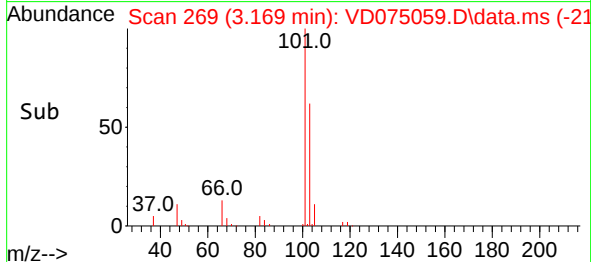
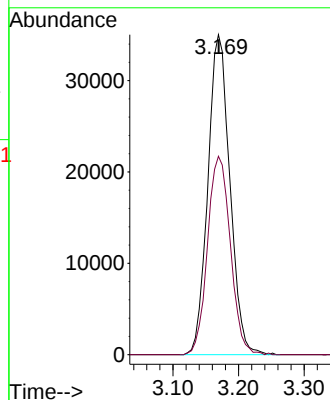
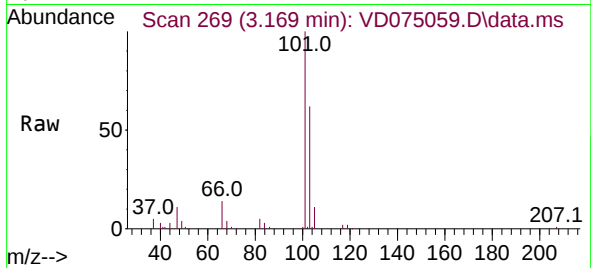




#7
Trichlorofluoromethane
Concen: 49.947 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

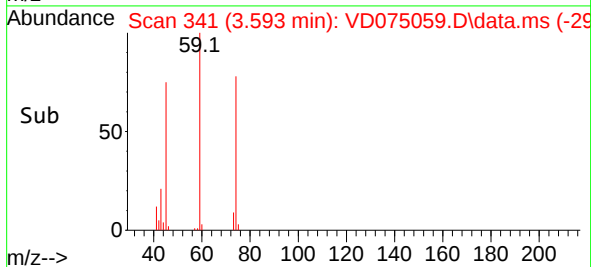
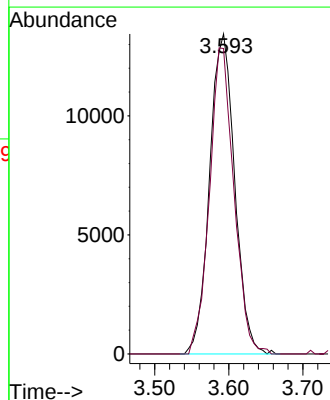
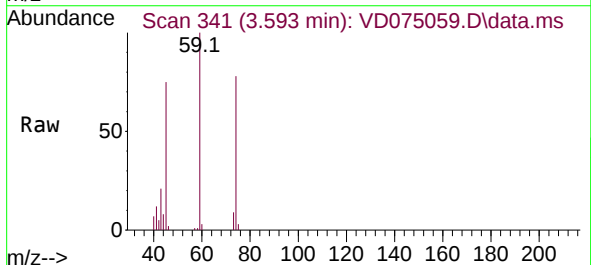
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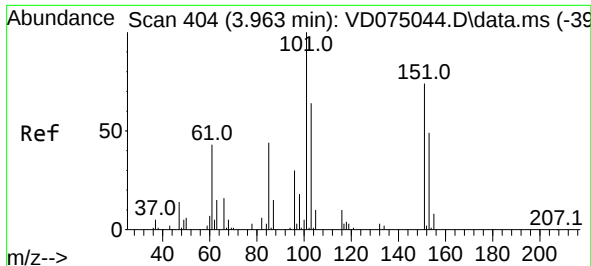
Tgt Ion:101 Resp: 81592
Ion Ratio Lower Upper
101 100
103 62.0 49.1 73.7



#8
Diethyl Ether
Concen: 50.577 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 74 Resp: 31681
Ion Ratio Lower Upper
74 100
45 93.1 40.2 120.5

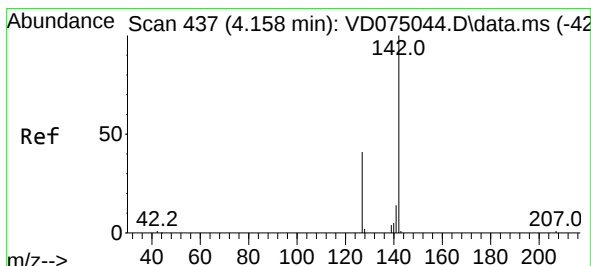
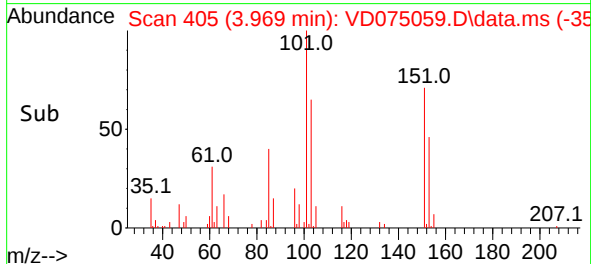
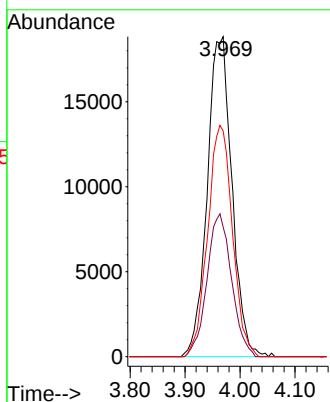
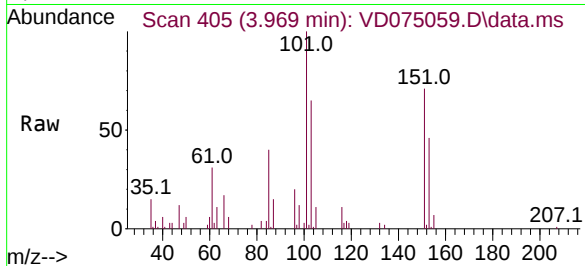




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.034 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

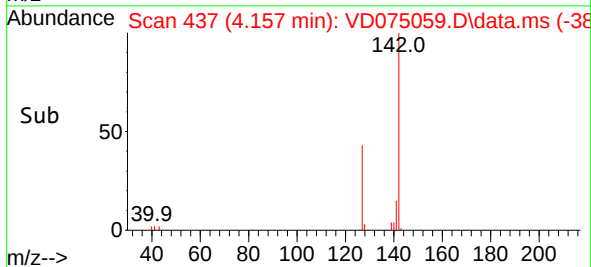
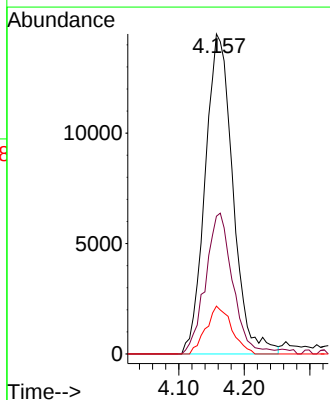
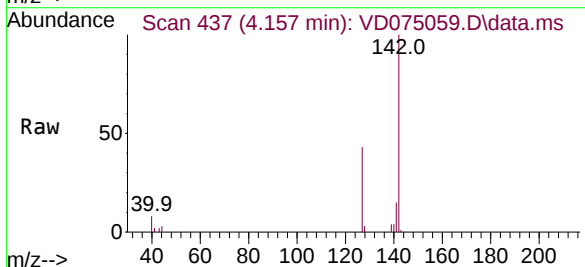
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

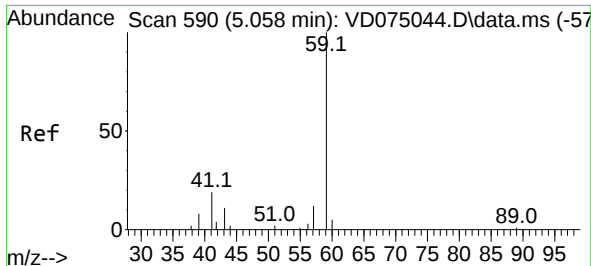
Tgt Ion:101 Resp: 58737
Ion Ratio Lower Upper
101 100
85 44.4 33.4 50.0
151 72.5 58.9 88.3



#10
Methyl Iodide
Concen: 43.099 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:142 Resp: 42581
Ion Ratio Lower Upper
142 100
127 43.2 31.4 47.2
141 13.8 11.4 17.2

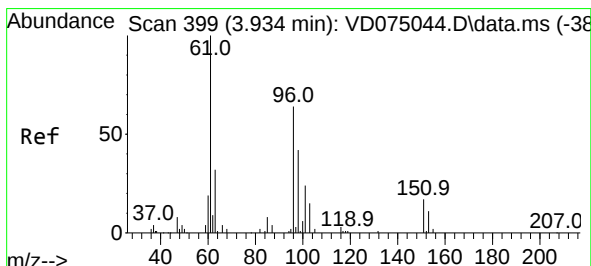
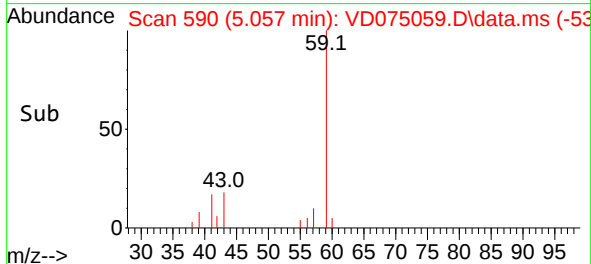
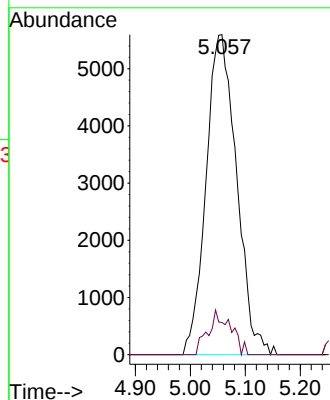
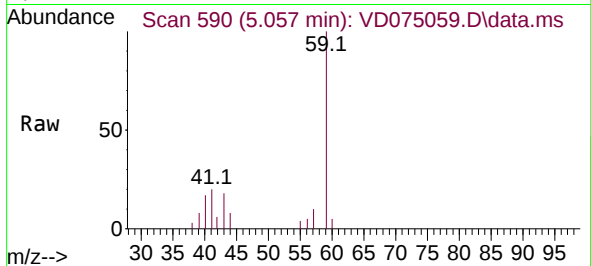




#11
Tert butyl alcohol
Concen: 226.556 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.005 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

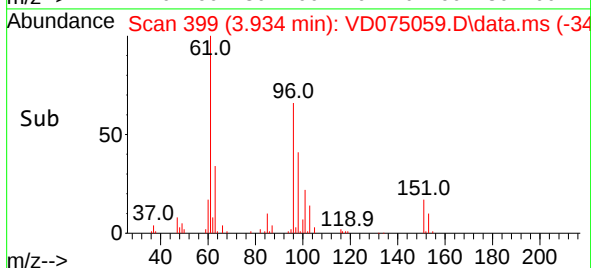
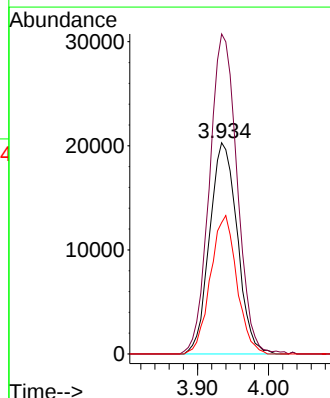
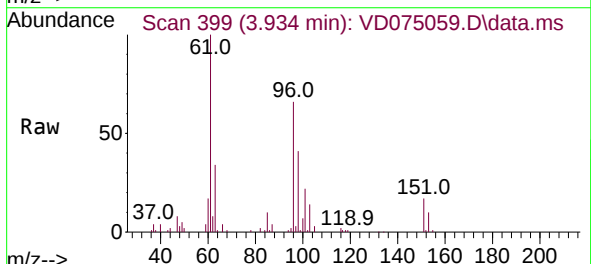
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

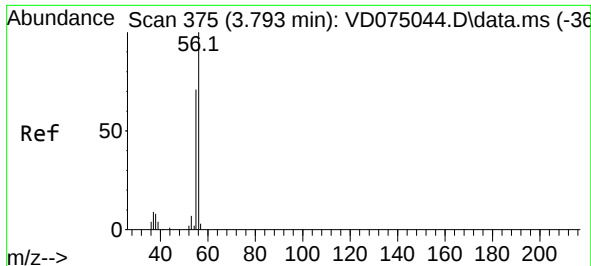
Tgt Ion: 59 Resp: 21649
Ion Ratio Lower Upper
59 100
57 10.2 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 49.301 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 96 Resp: 54826
Ion Ratio Lower Upper
96 100
61 151.5 104.9 157.3
98 62.2 51.8 77.8





#13

Acrolein

Concen: 220.616 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

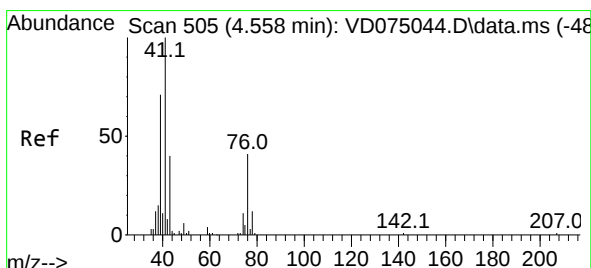
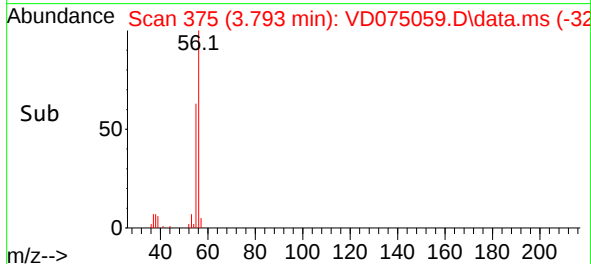
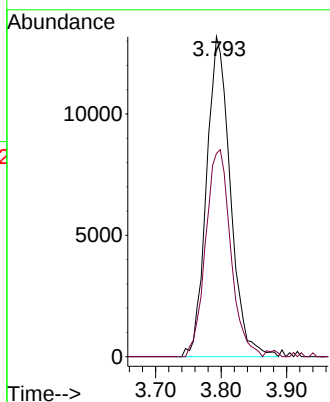
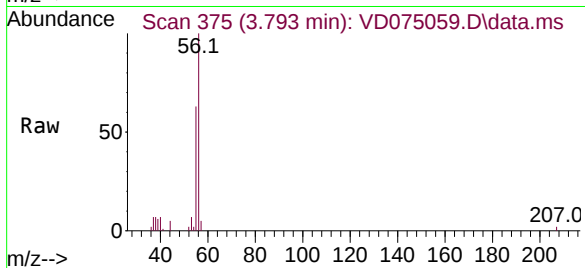
VSTDCCC050

Tgt Ion: 56 Resp: 33322

Ion Ratio Lower Upper

56 100

55 67.8 56.6 84.8



#14

Allyl chloride

Concen: 51.718 ug/l

RT: 4.557 min Scan# 505

Delta R.T. -0.001 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

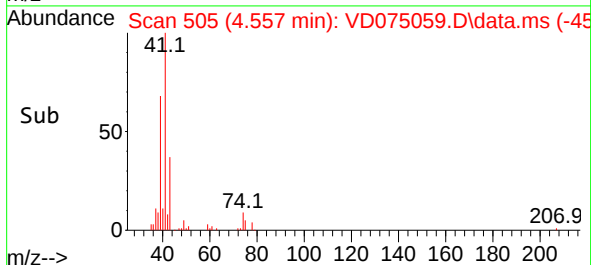
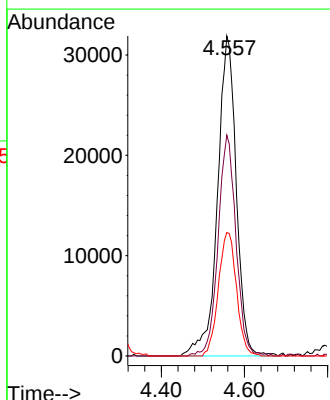
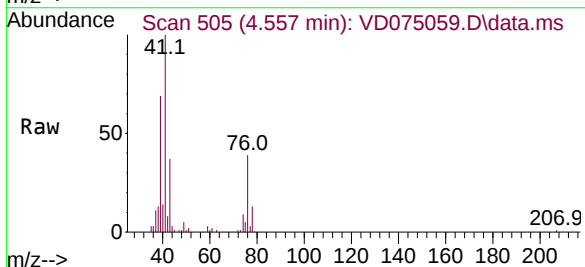
Tgt Ion: 41 Resp: 100080

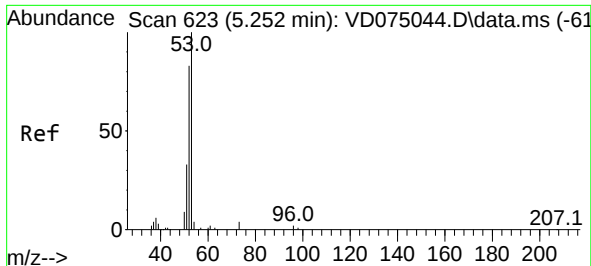
Ion Ratio Lower Upper

41 100

39 65.8 52.5 78.7

76 37.2 41.1 61.7#

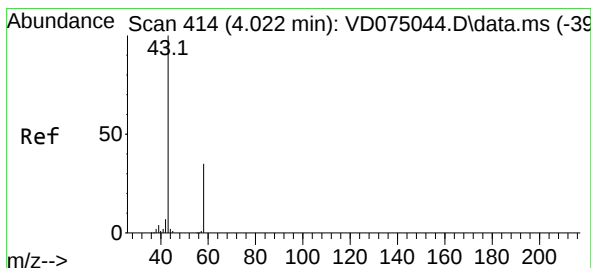
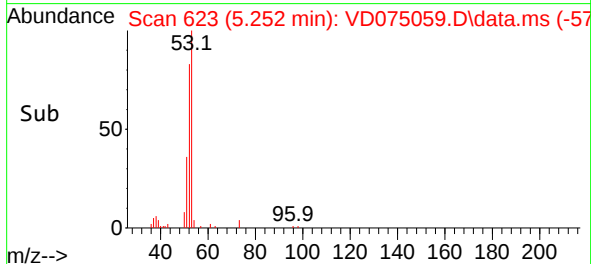
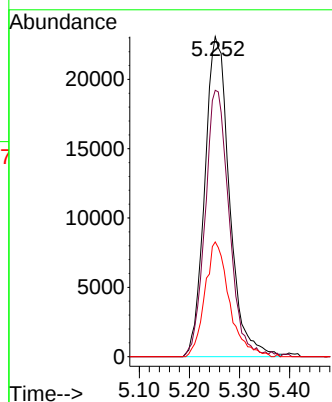
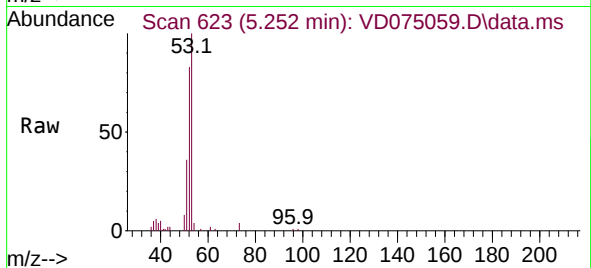




#15
Acrylonitrile
Concen: 248.854 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

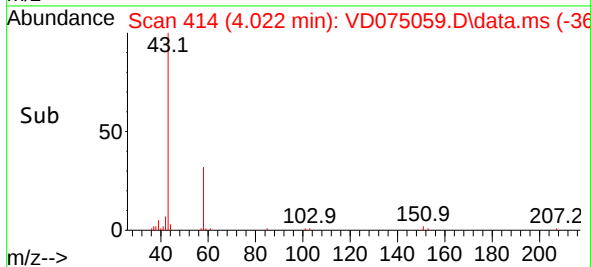
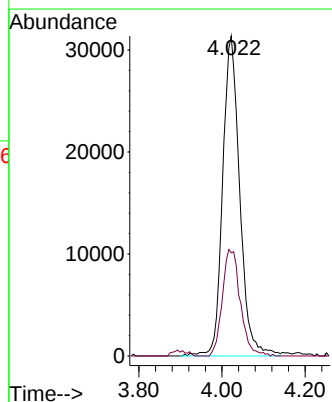
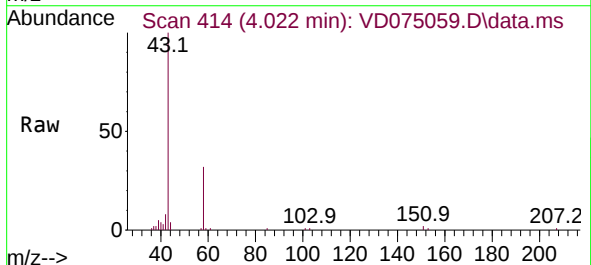
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

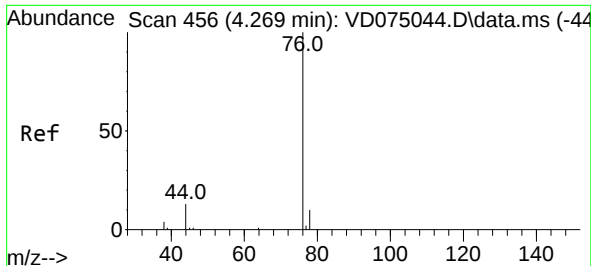
Tgt Ion: 53 Resp: 78932
Ion Ratio Lower Upper
53 100
52 80.8 64.0 96.0
51 35.6 27.8 41.8



#16
Acetone
Concen: 274.657 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 43 Resp: 89495
Ion Ratio Lower Upper
43 100
58 32.3 28.6 43.0

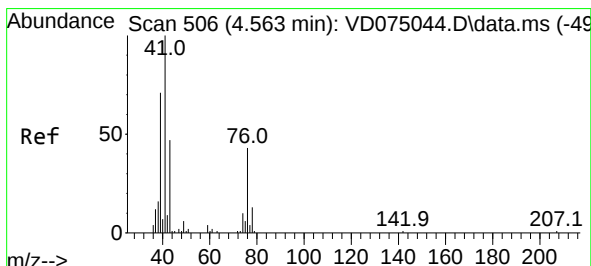
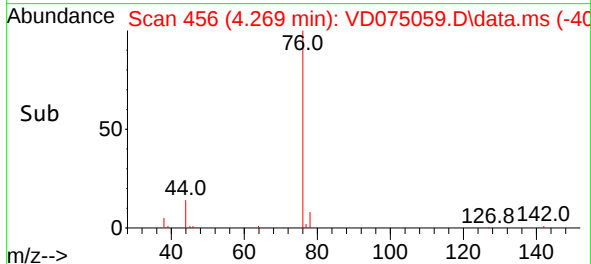
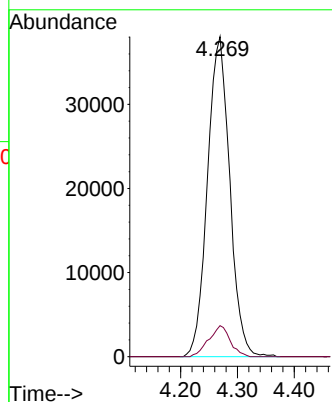
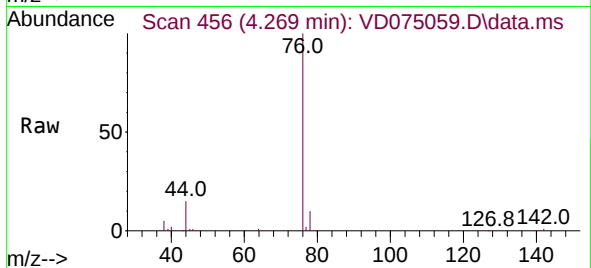




#17
Carbon Disulfide
Concen: 49.685 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.005 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

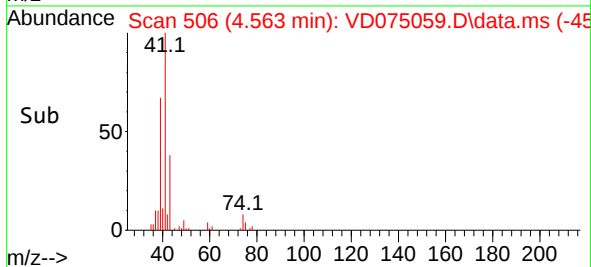
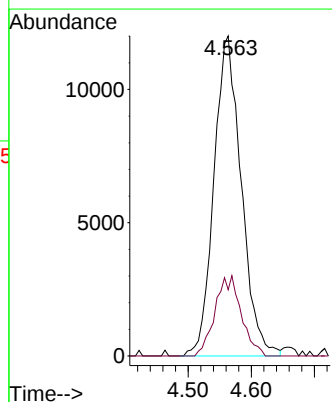
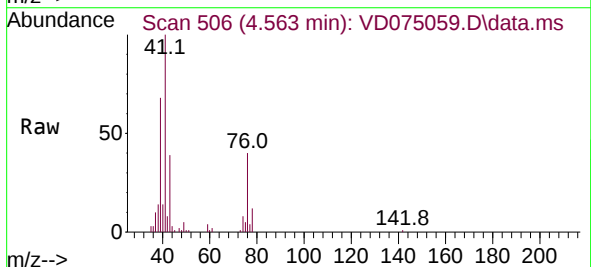
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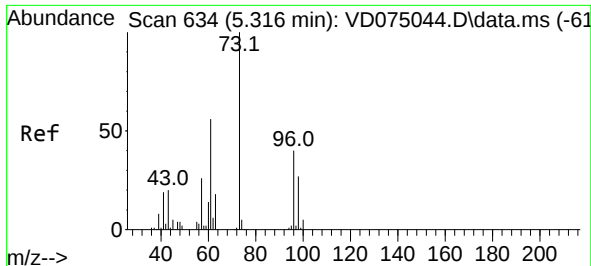
Tgt Ion: 76 Resp: 103443
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 47.275 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 43 Resp: 36128
Ion Ratio Lower Upper
43 100
74 23.9 24.5 36.7#

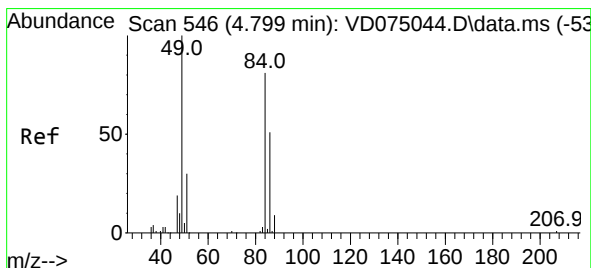
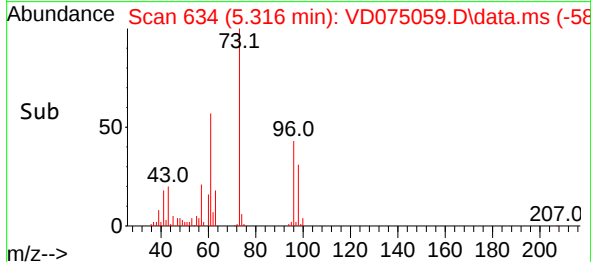
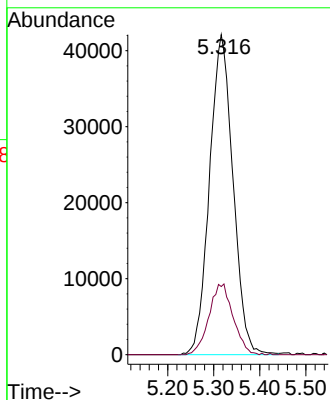
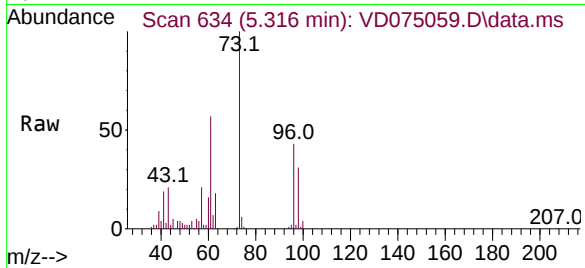




#19
Methyl tert-butyl Ether
Concen: 50.434 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

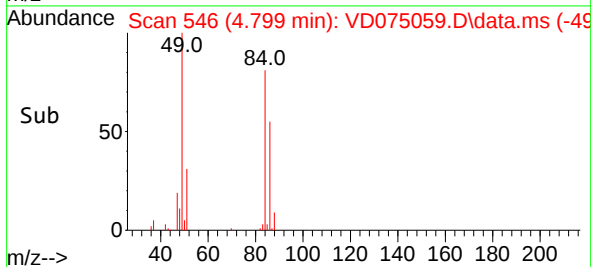
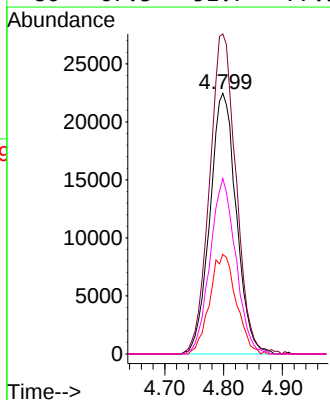
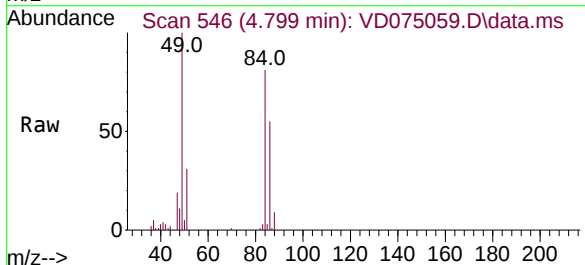
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ClientSampleId :
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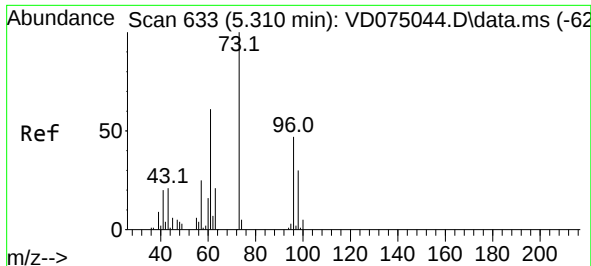
Tgt Ion: 73 Resp: 148972
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 48.322 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 84 Resp: 70084
Ion Ratio Lower Upper
84 100
49 122.8 77.2 115.8#
51 38.2 24.1 36.1#
86 67.3 51.7 77.5

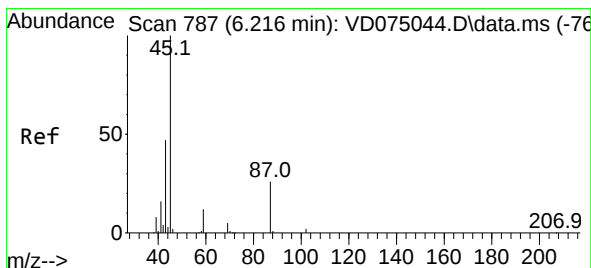
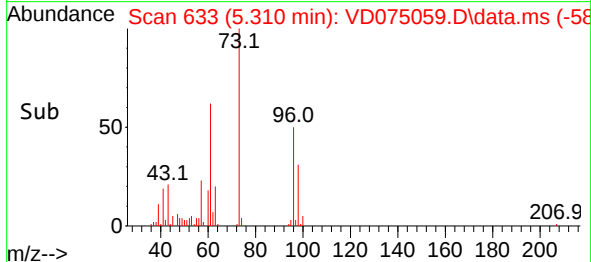
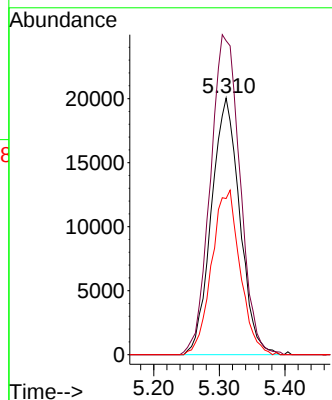
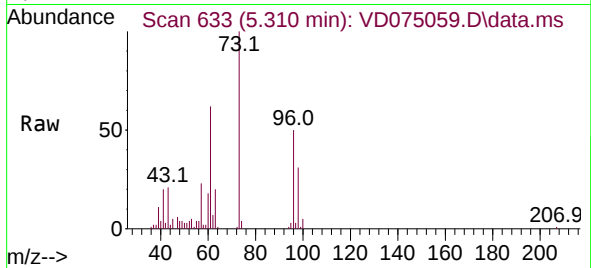




#21
trans-1,2-Dichloroethene
Concen: 48.883 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

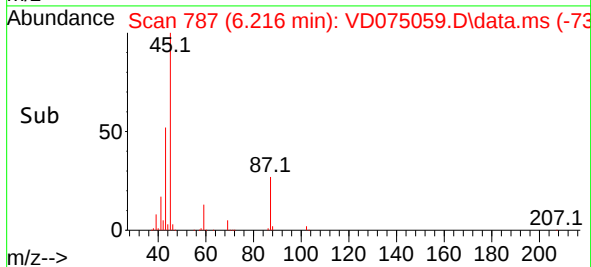
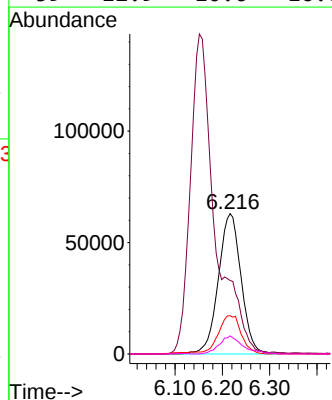
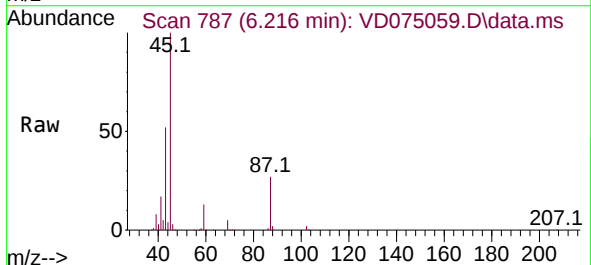
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

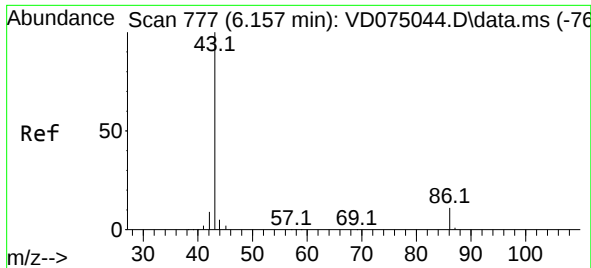
Tgt Ion: 96 Resp: 60330
Ion Ratio Lower Upper
96 100
61 122.3 86.7 130.1
98 60.9 49.8 74.8



#22
Diisopropyl ether
Concen: 50.405 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 45 Resp: 210109
Ion Ratio Lower Upper
45 100
43 51.5 39.8 59.8
87 27.3 27.5 41.3#
59 12.9 10.6 16.0

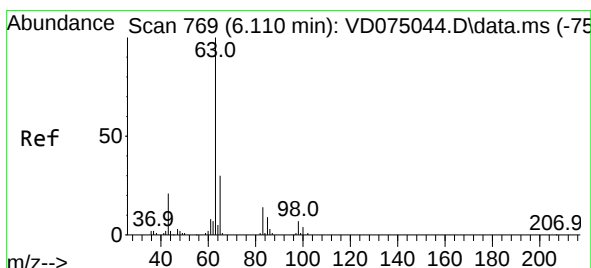
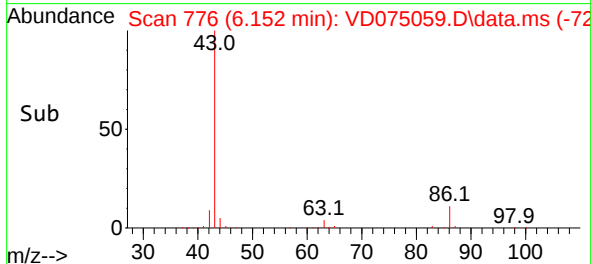
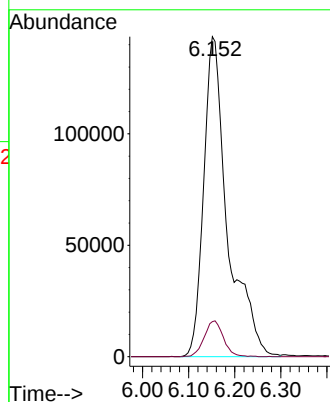
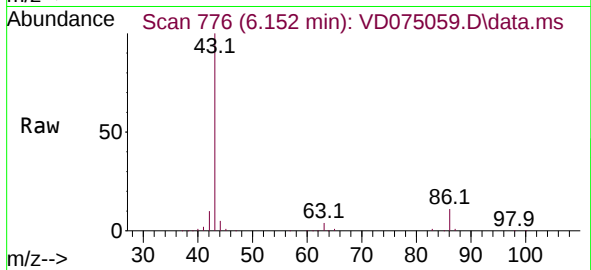




#23
 Vinyl Acetate
 Concen: 276.072 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

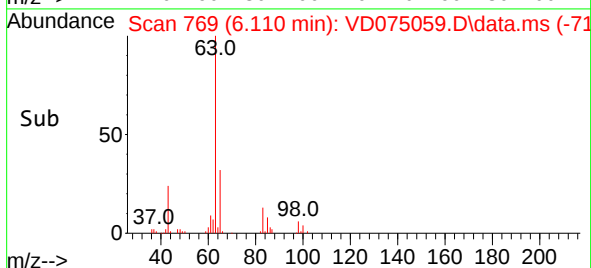
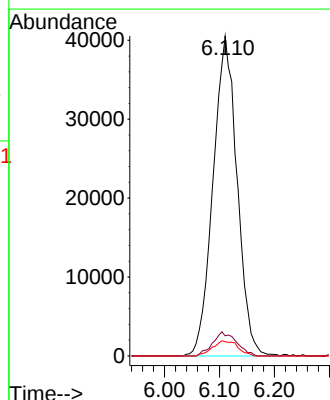
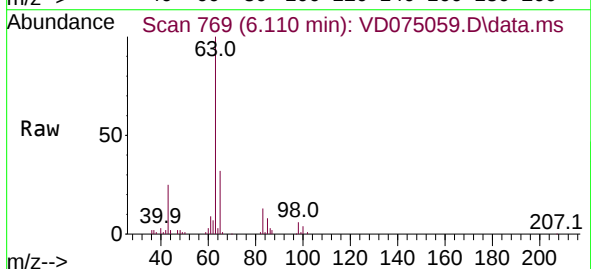
Instrument :
 MSVOA_D
 ClientSampleId :
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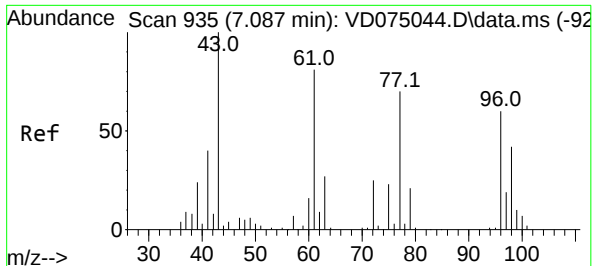
Tgt Ion: 43 Resp: 520427
 Ion Ratio Lower Upper
 43 100
 86 10.9 11.4 17.0#



#24
 1,1-Dichloroethane
 Concen: 50.597 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Tgt Ion: 63 Resp: 123184
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.3 13.1
 100 4.5 2.5 7.4

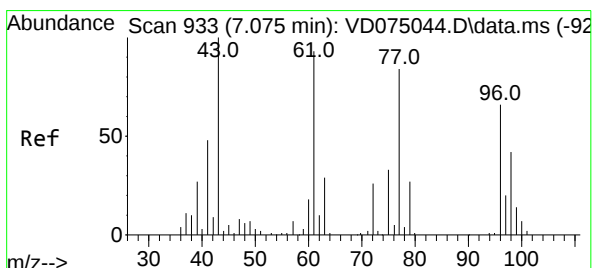
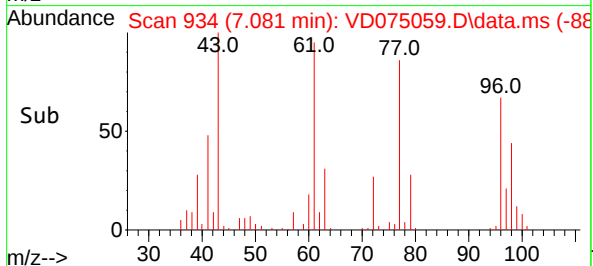
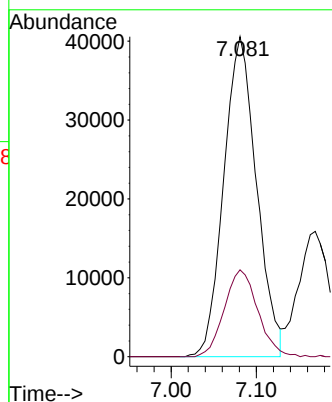
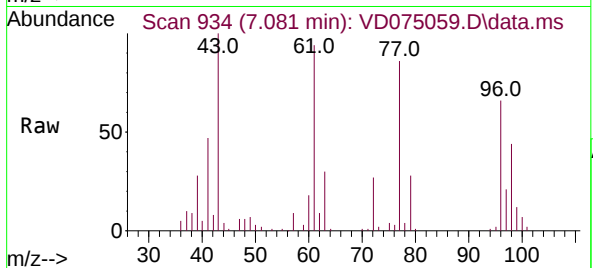




#25
2-Butanone
Concen: 249.349 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

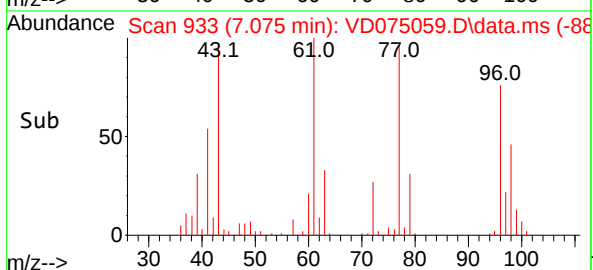
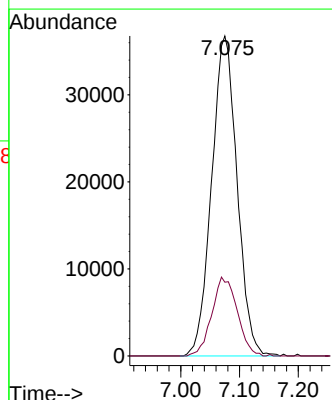
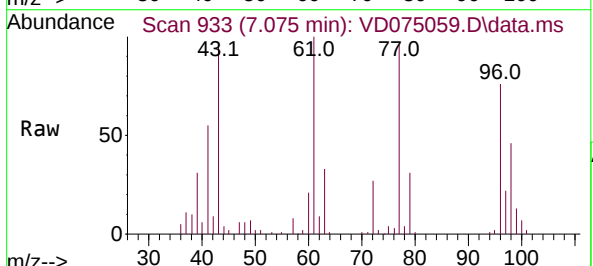
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ClientSampleId :
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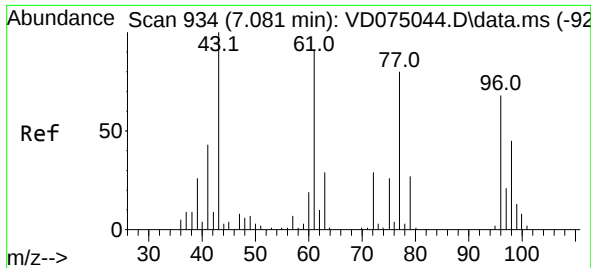
Tgt Ion: 43 Resp: 108424
Ion Ratio Lower Upper
43 100
72 27.2 28.4 42.6#



#26
2,2-Dichloropropane
Concen: 50.913 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 77 Resp: 110731
Ion Ratio Lower Upper
77 100
97 24.5 12.6 37.6



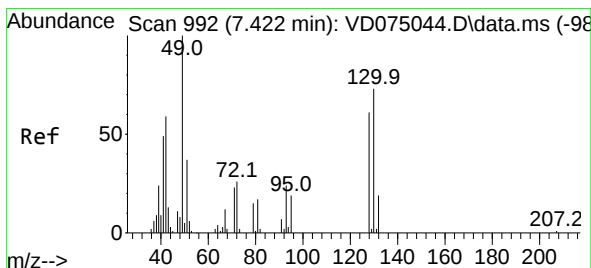
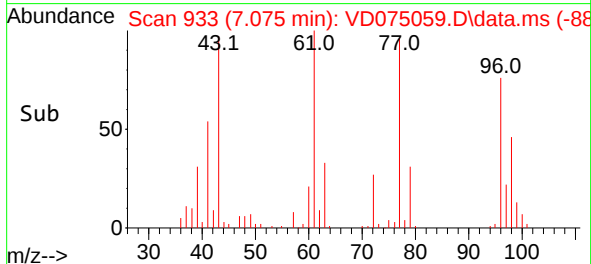
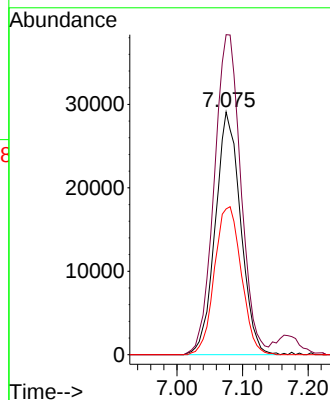
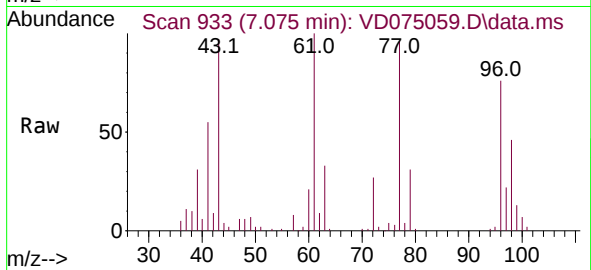


#27
 cis-1,2-Dichloroethene
 Concen: 50.083 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 77971

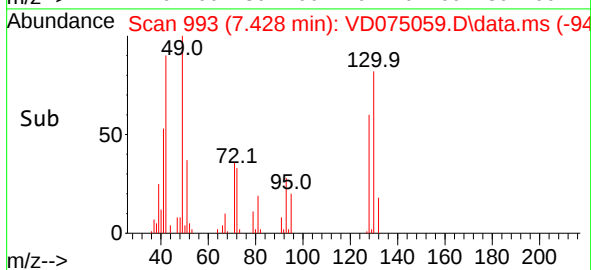
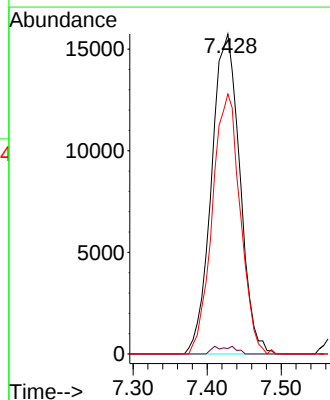
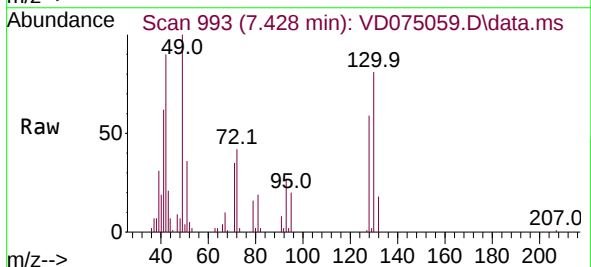
Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	244.6
98	64.6	0.0	131.0

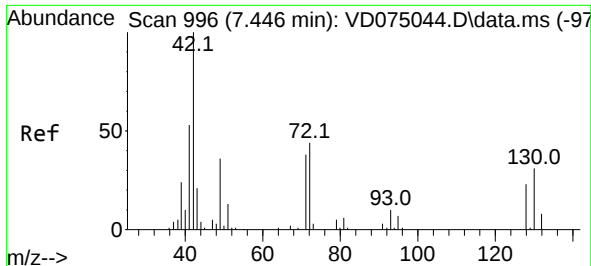


#28
 Bromochloromethane
 Concen: 49.630 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Tgt Ion: 49 Resp: 41827

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	5.0
130	79.9	78.2	117.4





#29

Tetrahydrofuran

Concen: 234.270 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

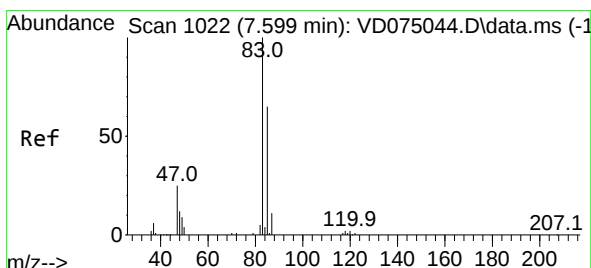
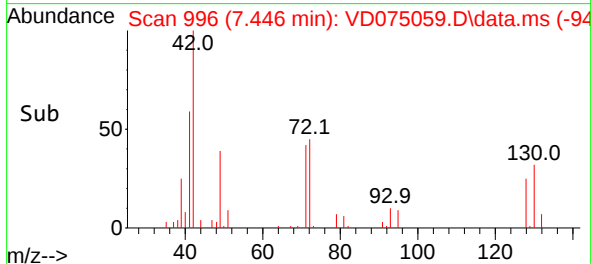
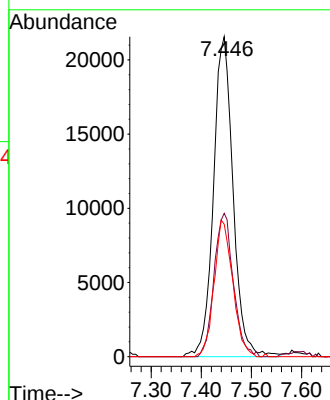
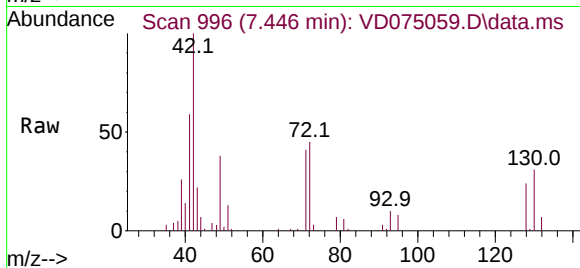
Tgt Ion: 42 Resp: 58728

Ion Ratio Lower Upper

42 100

72 44.1 43.8 65.8

71 40.4 41.1 61.7#



#30

Chloroform

Concen: 52.369 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD075059.D

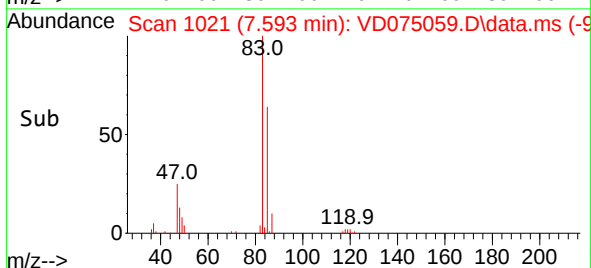
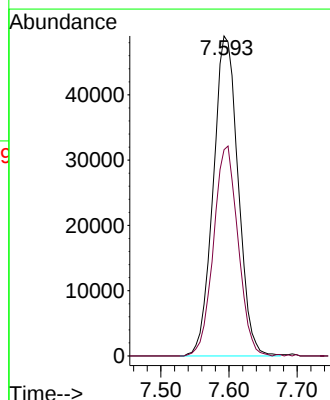
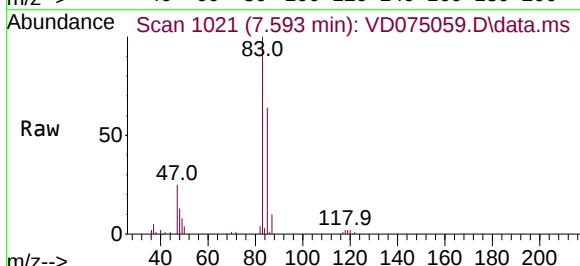
Acq: 28 Dec 2022 11:30

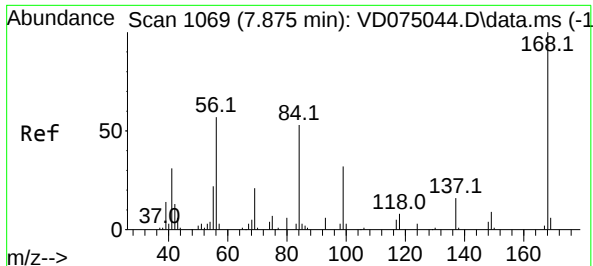
Tgt Ion: 83 Resp: 124496

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 50.165 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

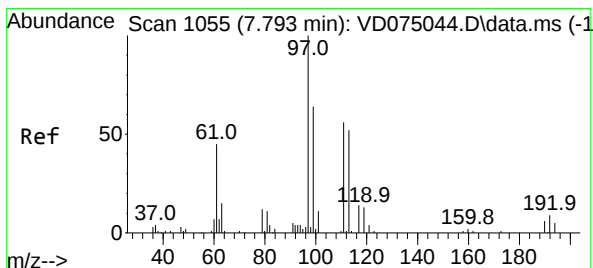
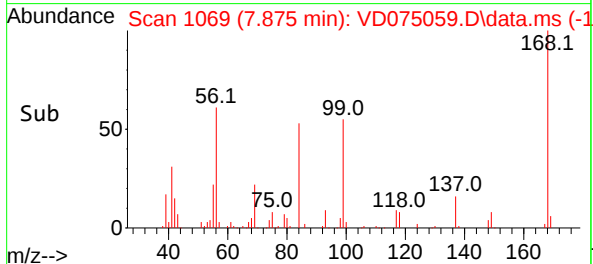
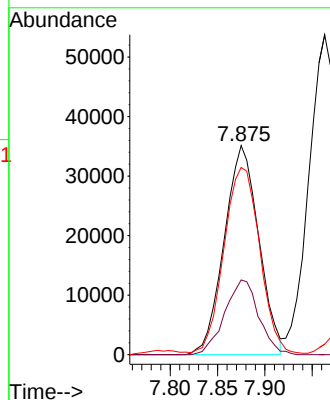
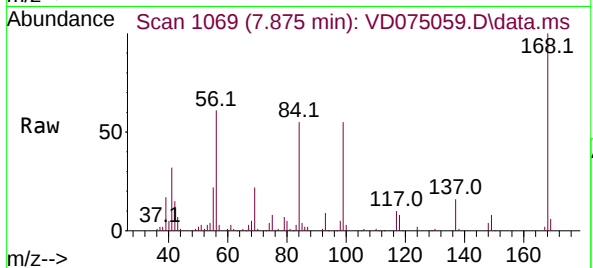
Tgt Ion: 56 Resp: 89009

Ion Ratio Lower Upper

56 100

69 35.7 29.4 44.2

84 88.4 81.8 122.8



#32

1,1,1-Trichloroethane

Concen: 51.088 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

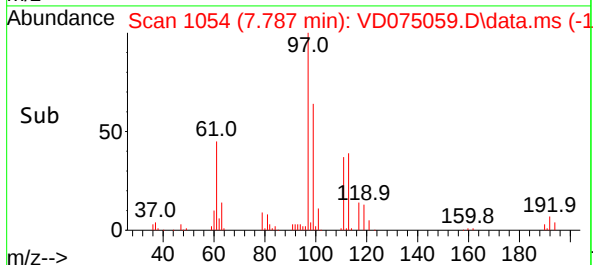
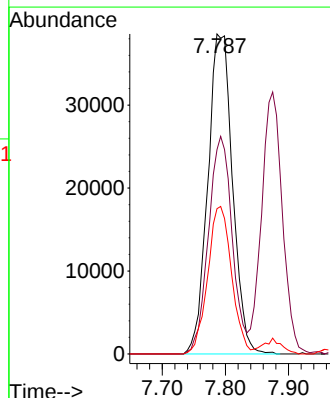
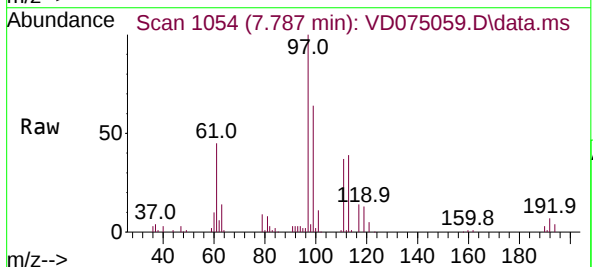
Tgt Ion: 97 Resp: 105095

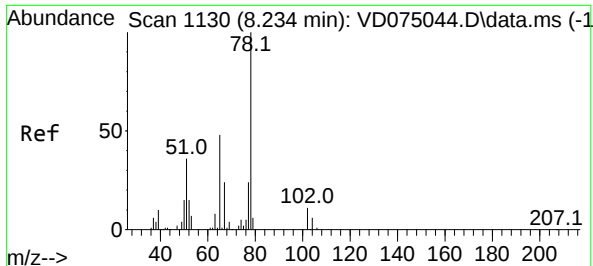
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 44.4 30.3 45.5





#33

1,2-Dichloroethane-d4

Concen: 51.378 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

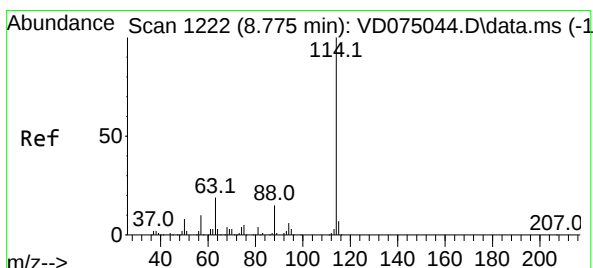
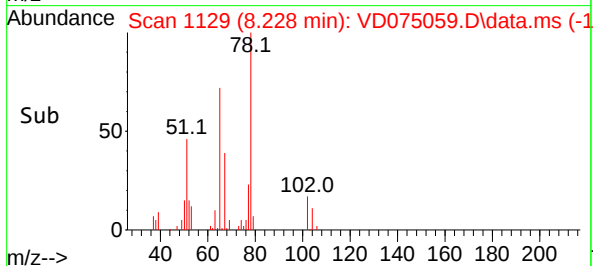
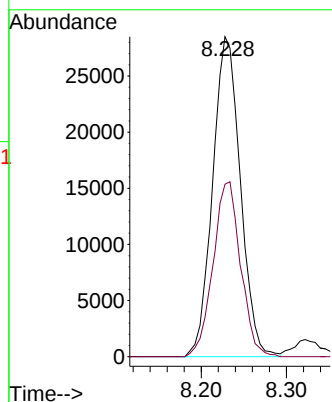
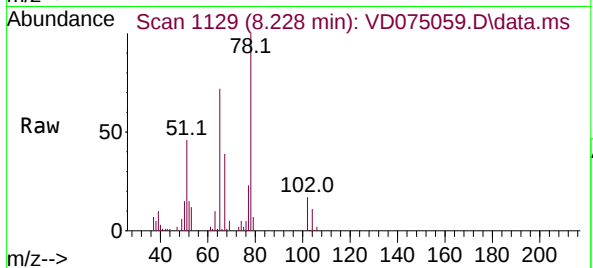
VSTDCCC050

Tgt Ion: 65 Resp: 64458

Ion Ratio Lower Upper

65 100

67 54.2 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: VD075059.D

Acq: 28 Dec 2022 11:30

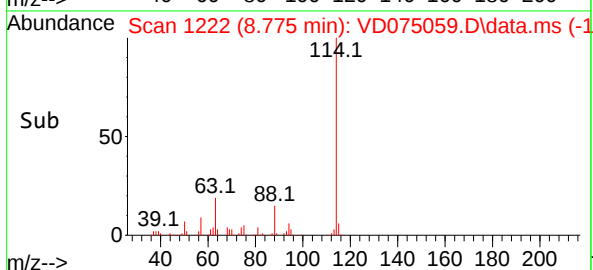
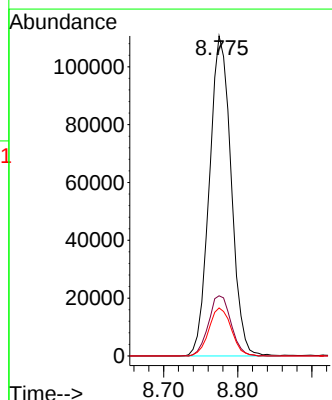
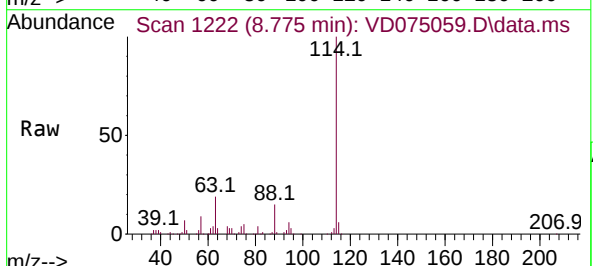
Tgt Ion: 114 Resp: 225701

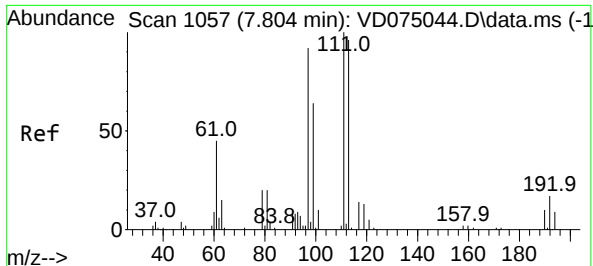
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.8

88 15.0 0.0 27.8

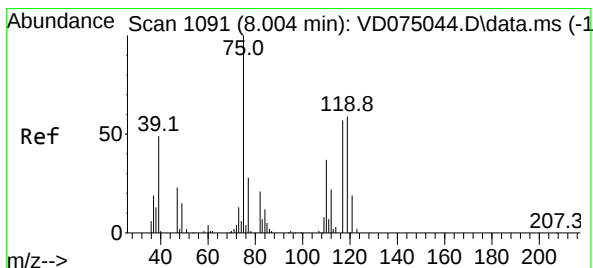
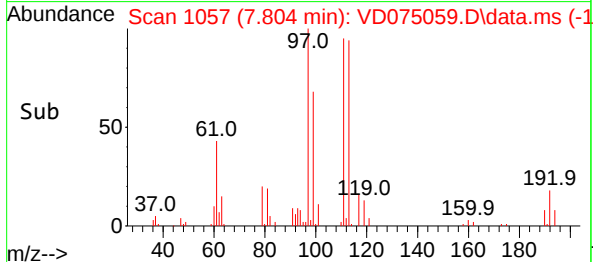
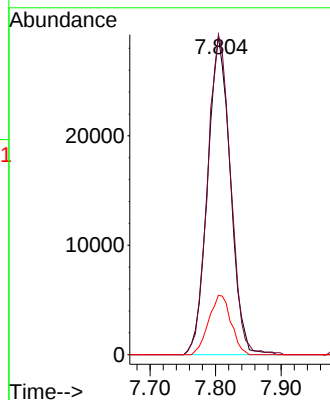
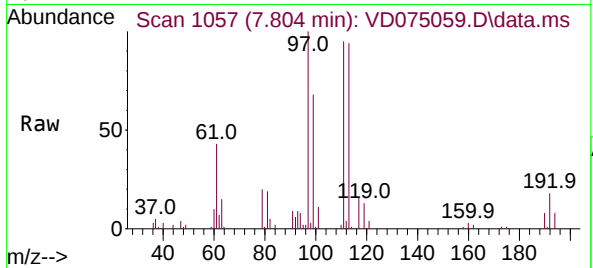




#35
Dibromofluoromethane
Concen: 52.745 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

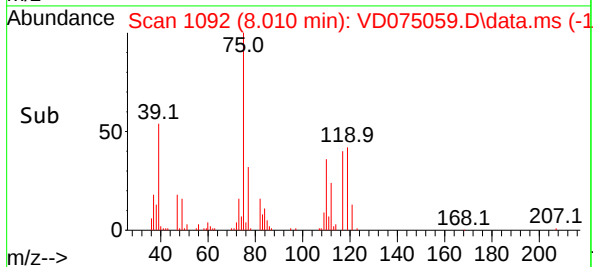
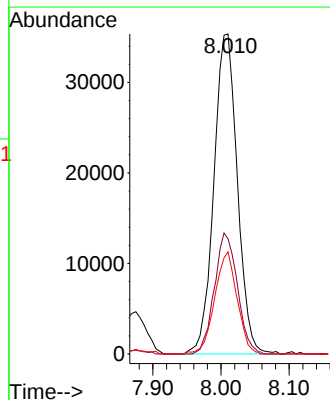
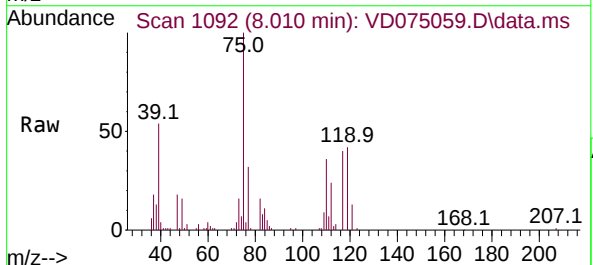
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

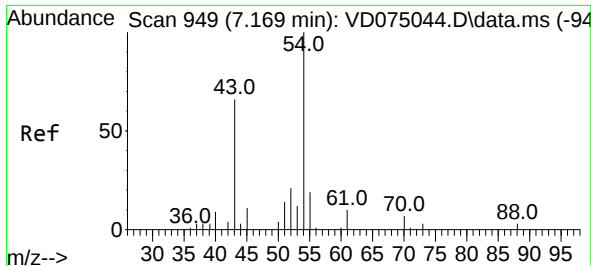
Tgt Ion:113 Resp: 70051
Ion Ratio Lower Upper
113 100
111 101.9 82.1 123.1
192 18.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 49.452 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 75 Resp: 84835
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 30.5 25.2 37.8





#37

Ethyl Acetate

Concen: 48.089 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

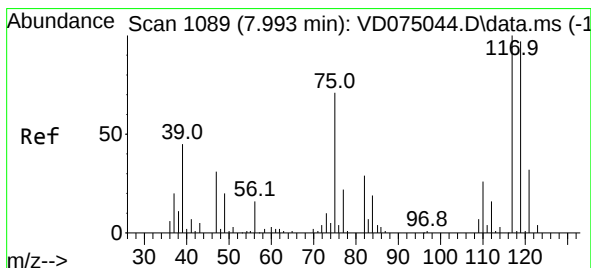
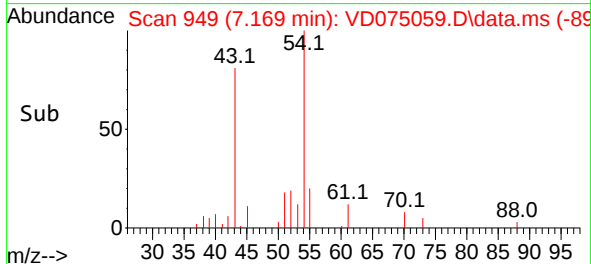
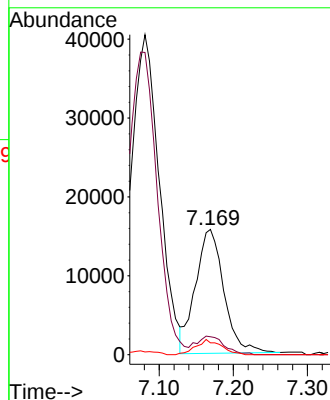
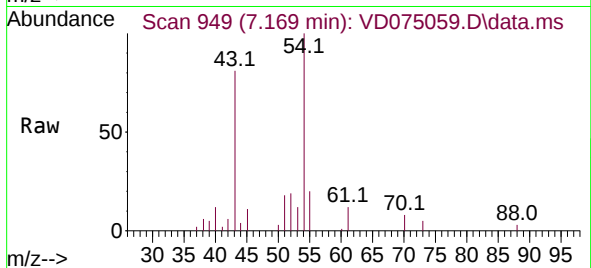
Tgt Ion: 43 Resp: 41673

Ion Ratio Lower Upper

43 100

61 14.6 12.8 19.2

70 10.8 10.2 15.4



#38

Carbon Tetrachloride

Concen: 54.910 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

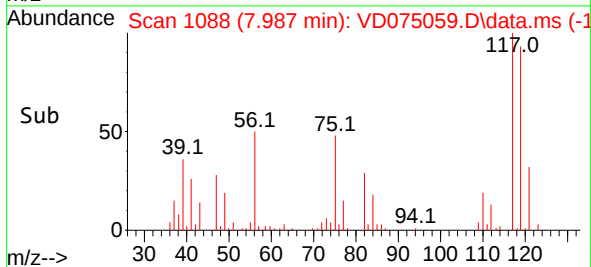
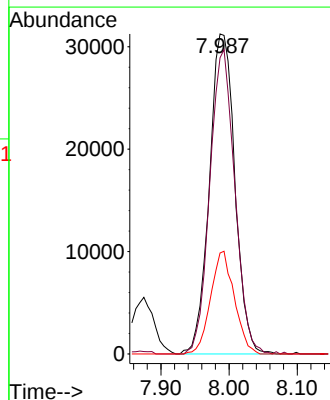
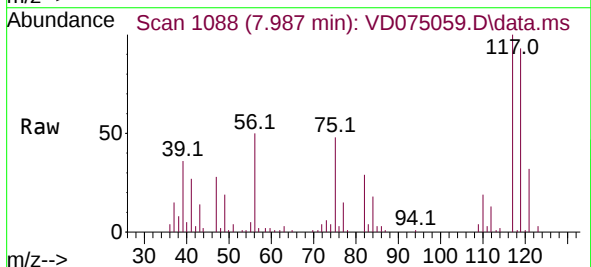
Tgt Ion: 117 Resp: 81452

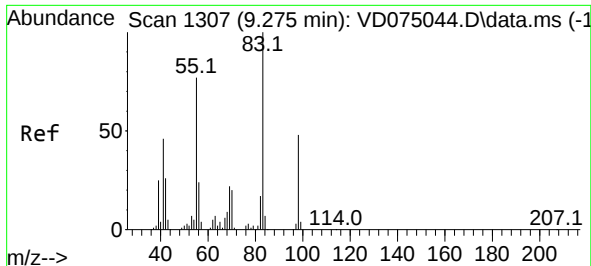
Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.6

121 31.5 25.4 38.0





#39

Methylcyclohexane

Concen: 48.437 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

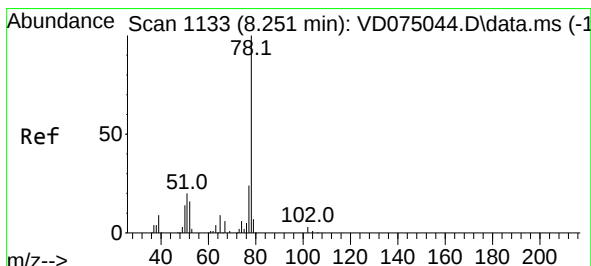
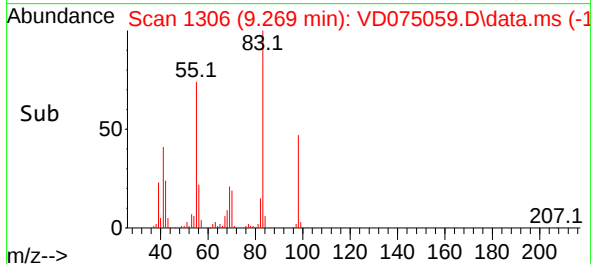
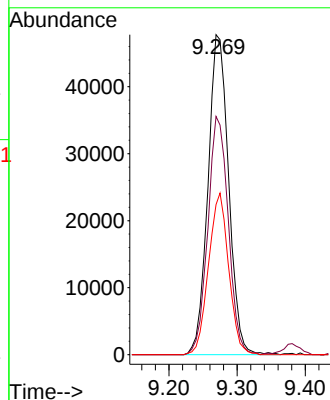
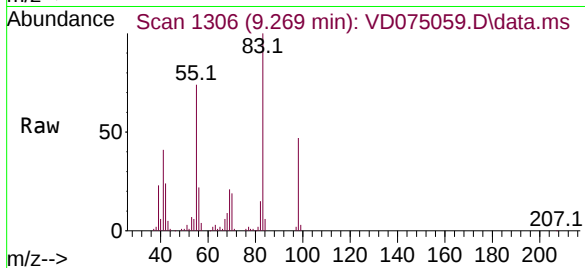
Tgt Ion: 83 Resp: 100914

Ion Ratio Lower Upper

83 100

55 74.4 53.1 79.7

98 46.9 37.5 56.3



#40

Benzene

Concen: 49.865 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075059.D

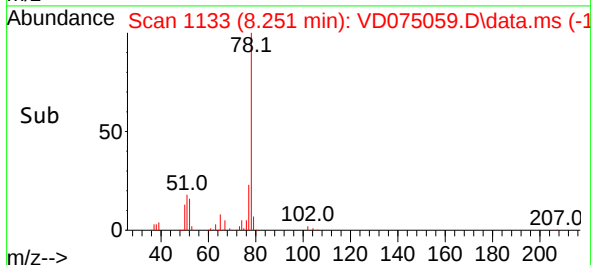
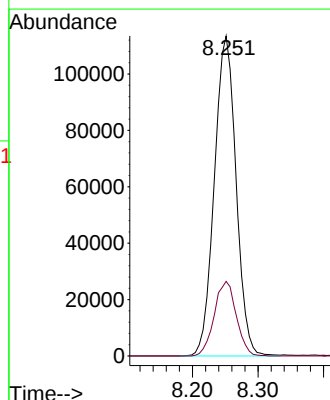
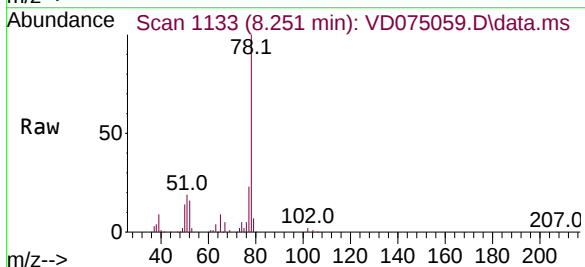
Acq: 28 Dec 2022 11:30

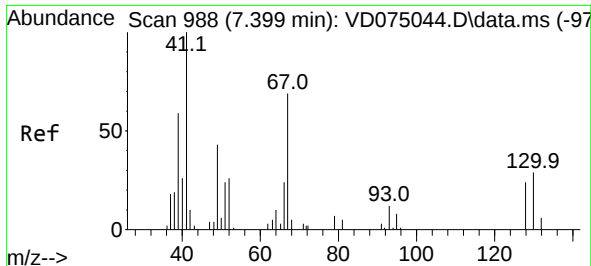
Tgt Ion: 78 Resp: 260435

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8

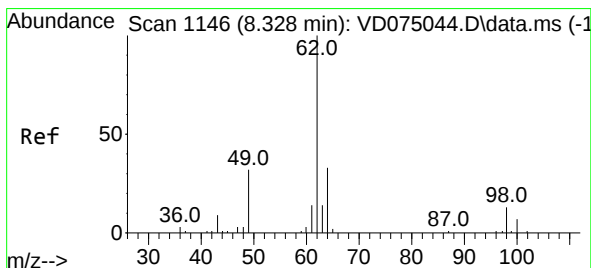
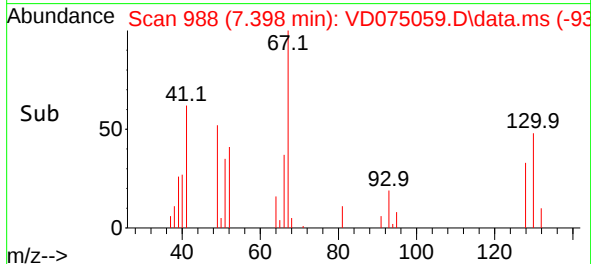
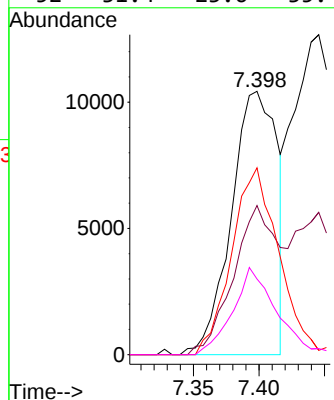
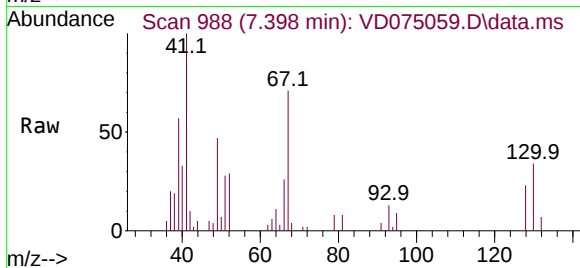




#41
Methacrylonitrile
Concen: 47.154 ug/l
RT: 7.398 min Scan# 91
Delta R.T. -0.007 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

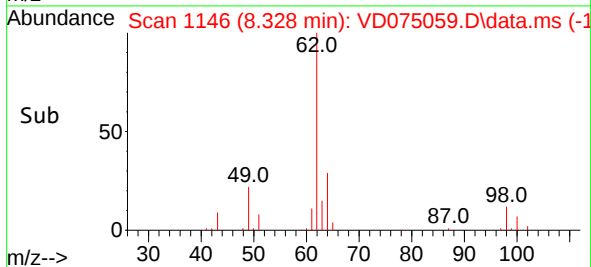
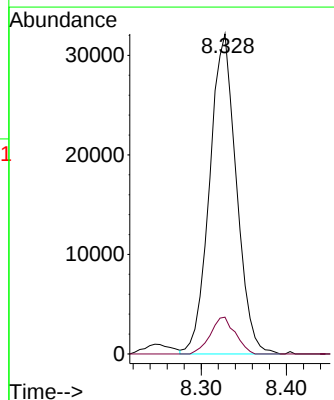
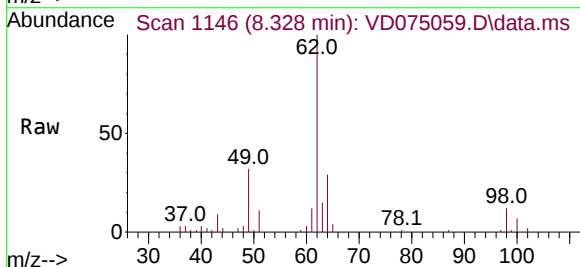
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

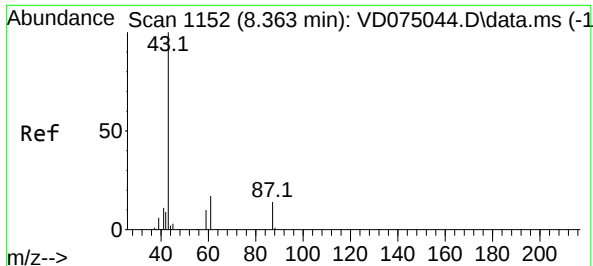
Tgt Ion: 41	Resp: 25424
Ion Ratio	Lower Upper
41 100	
39 58.9	44.8 67.2
67 72.7	69.6 104.4
52 31.4	23.6 35.4



#42
1,2-Dichloroethane
Concen: 52.528 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 62	Resp: 69994
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 23.4





#43

Isopropyl Acetate

Concen: 48.508 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

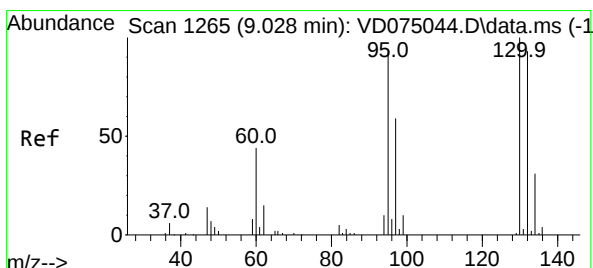
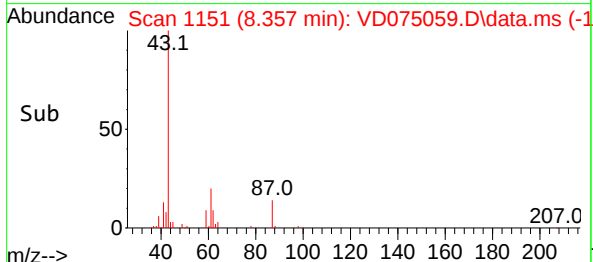
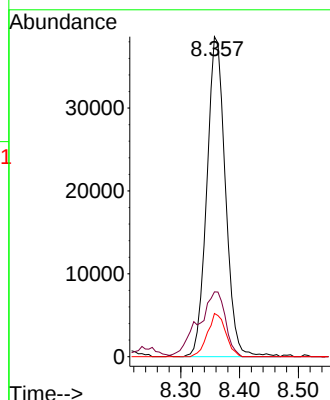
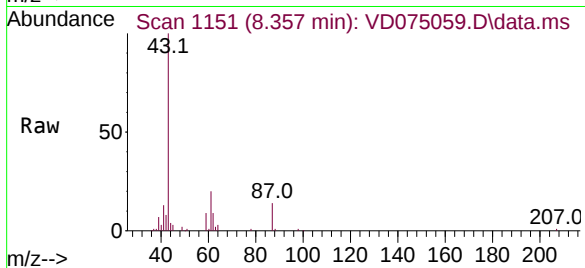
Tgt Ion: 43 Resp: 84565

Ion Ratio Lower Upper

43 100

61 29.5 28.2 42.4

87 13.2 13.6 20.4#



#44

Trichloroethene

Concen: 49.693 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075059.D

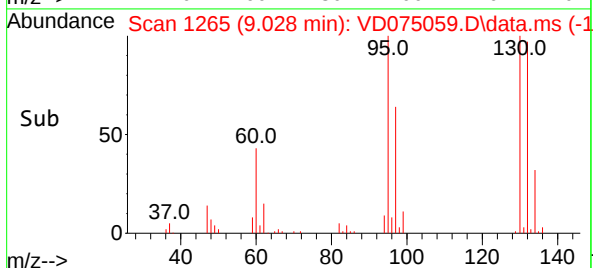
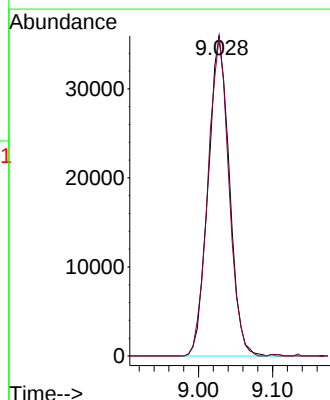
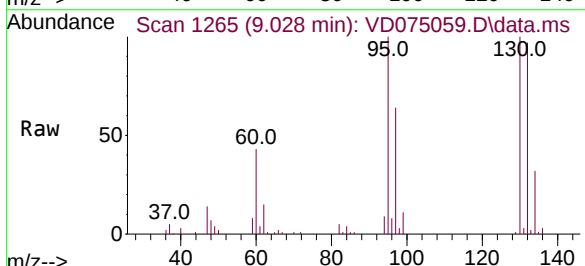
Acq: 28 Dec 2022 11:30

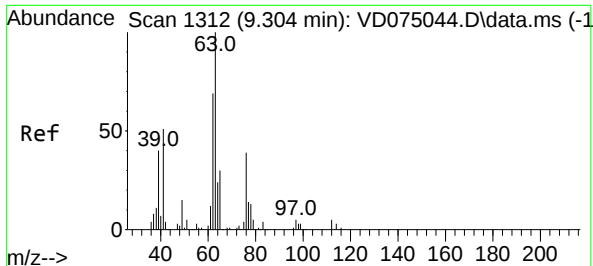
Tgt Ion: 130 Resp: 71485

Ion Ratio Lower Upper

130 100

95 99.6 0.0 190.0





#45

1,2-Dichloropropane

Concen: 50.879 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

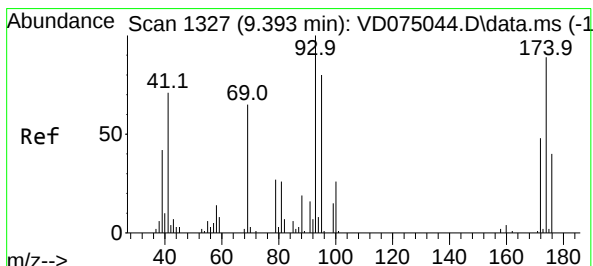
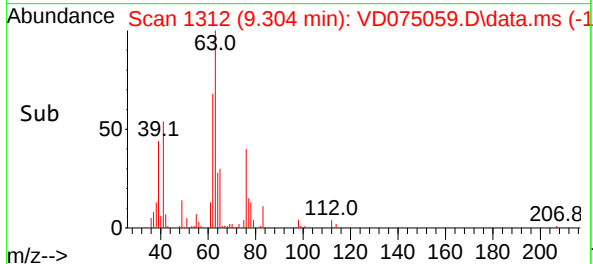
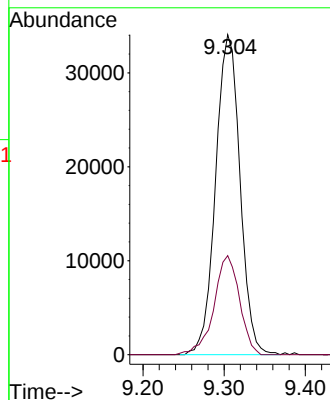
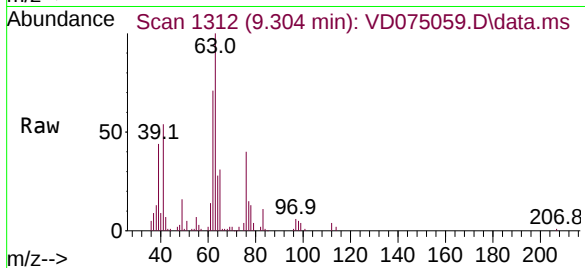
VSTDCCC050

Tgt Ion: 63 Resp: 71176

Ion Ratio Lower Upper

63 100

65 31.0 27.0 40.6



#46

Dibromomethane

Concen: 49.369 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

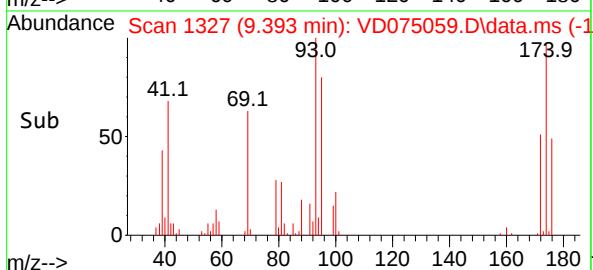
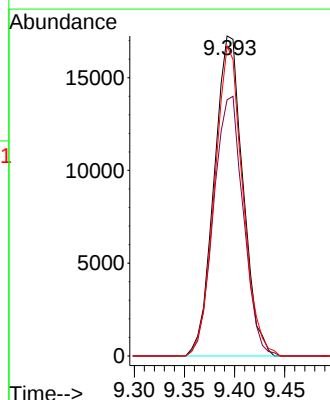
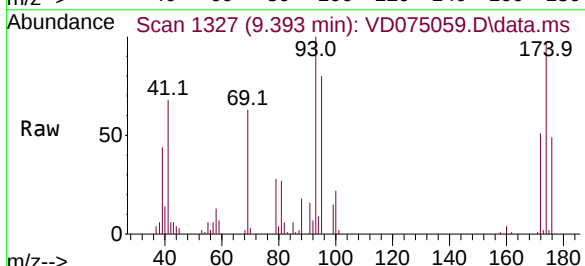
Tgt Ion: 93 Resp: 34348

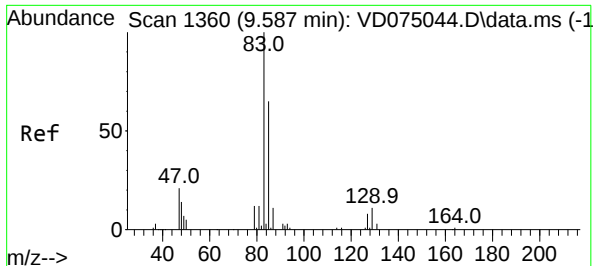
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 94.6 74.7 112.1

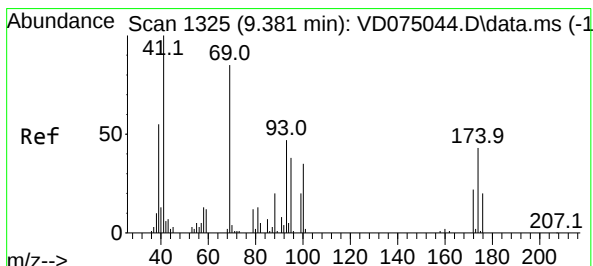
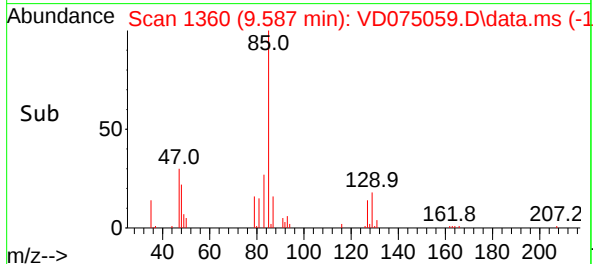
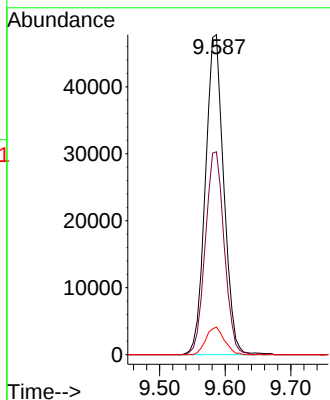
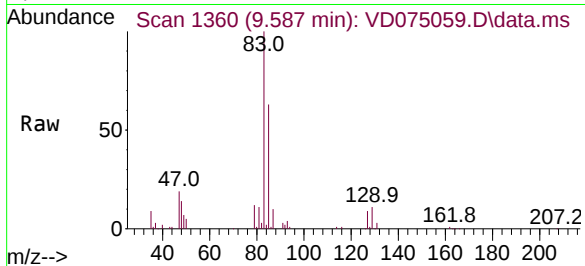




#47
Bromodichloromethane
Concen: 51.332 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

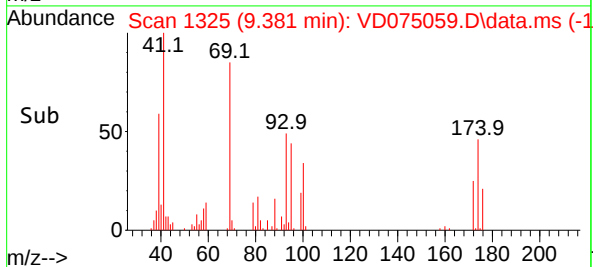
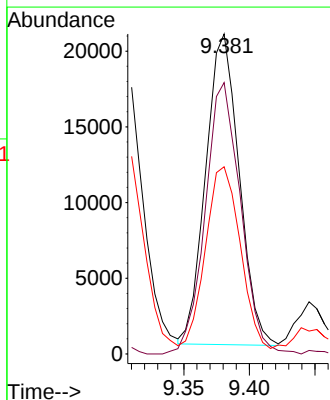
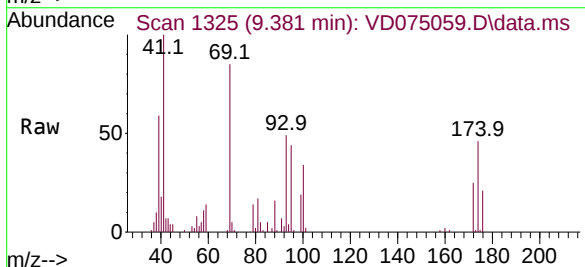
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

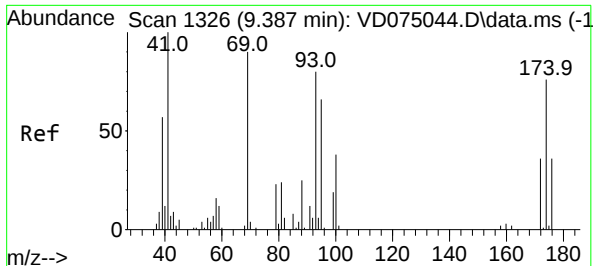
Tgt Ion: 83 Resp: 93008
Ion Ratio Lower Upper
83 100
85 63.4 51.8 77.8
127 8.6 7.2 10.8



#48
Methyl methacrylate
Concen: 45.955 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 41 Resp: 36390
Ion Ratio Lower Upper
41 100
69 92.2 84.8 127.2
39 64.4 43.6 65.4





#49

1,4-Dioxane

Concen: 1037.648 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

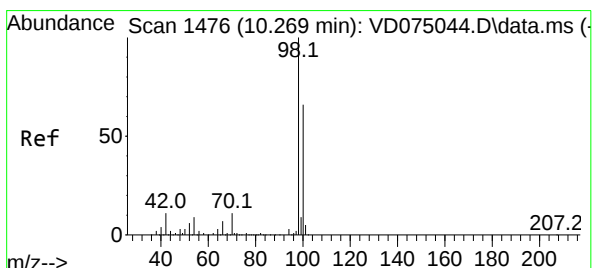
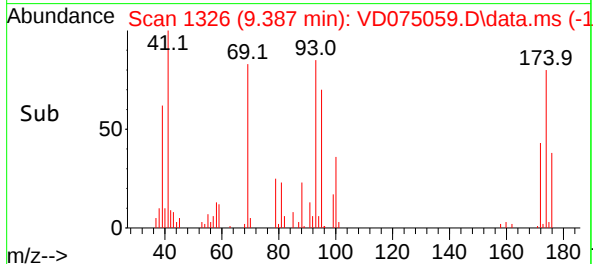
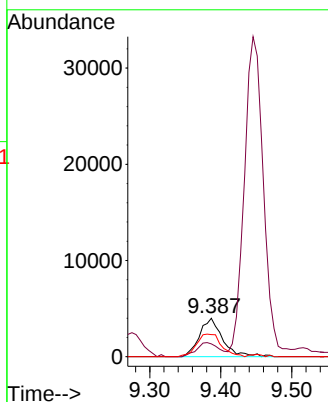
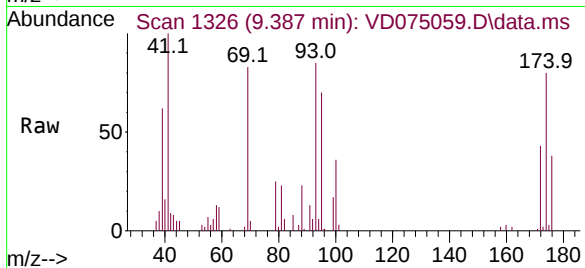
Tgt Ion: 88 Resp: 9098

Ion Ratio Lower Upper

88 100

43 35.8 23.9 35.9

58 63.0 48.4 72.6



#50

Toluene-d8

Concen: 50.209 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075059.D

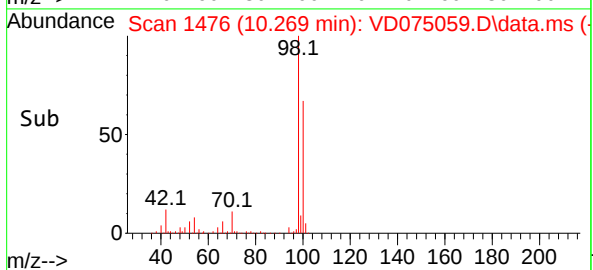
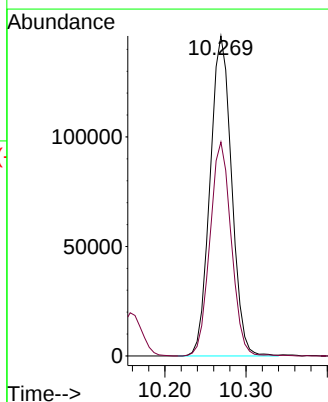
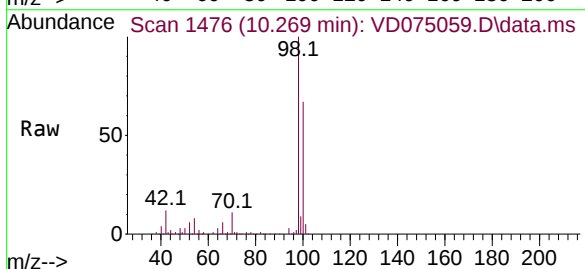
Acq: 28 Dec 2022 11:30

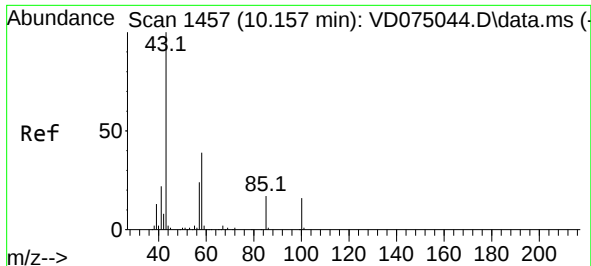
Tgt Ion: 98 Resp: 269437

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

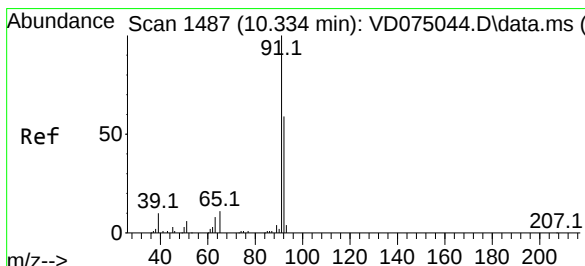
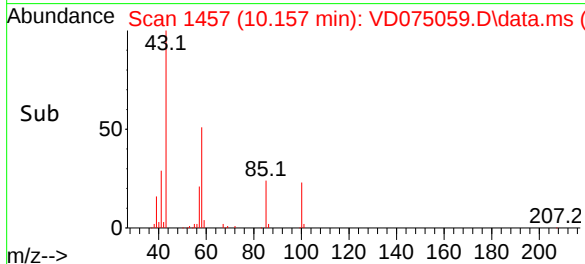
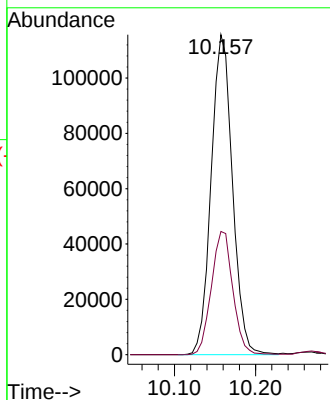
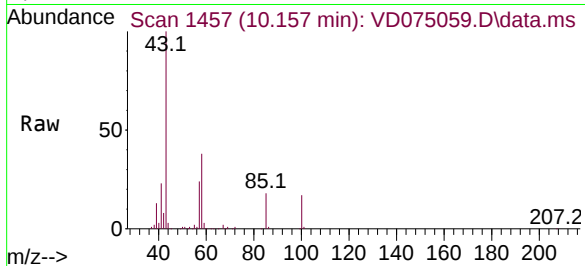




#51
4-Methyl-2-Pentanone
Concen: 245.014 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

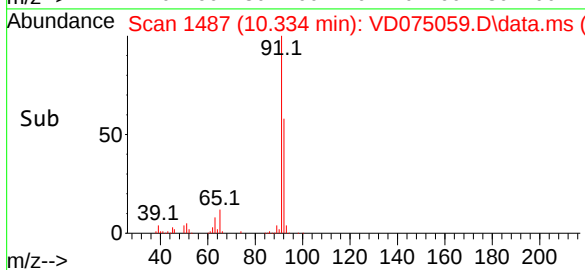
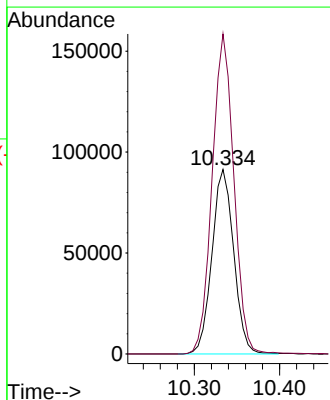
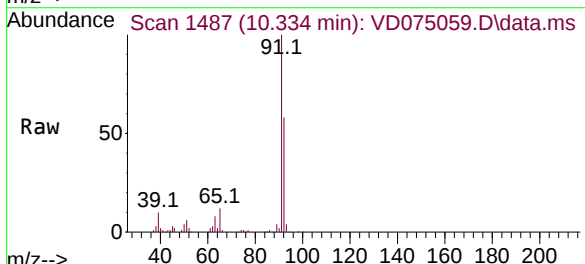
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

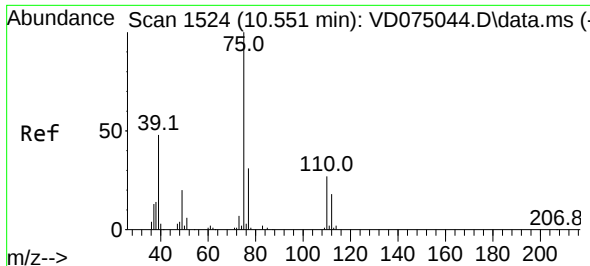
Tgt Ion: 43 Resp: 211004
Ion Ratio Lower Upper
43 100
58 38.8 35.7 53.5



#52
Toluene
Concen: 48.747 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 92 Resp: 162126
Ion Ratio Lower Upper
92 100
91 173.4 139.3 208.9

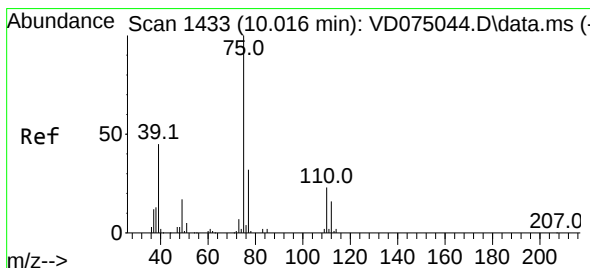
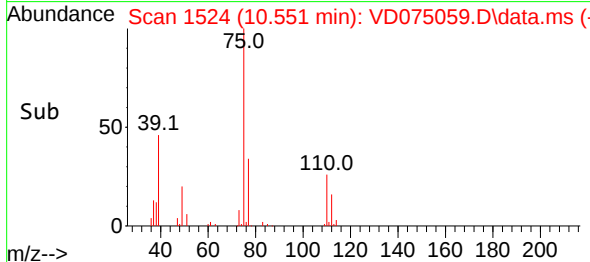
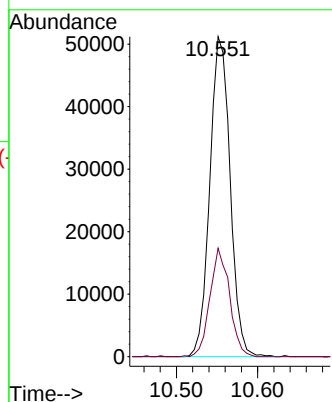
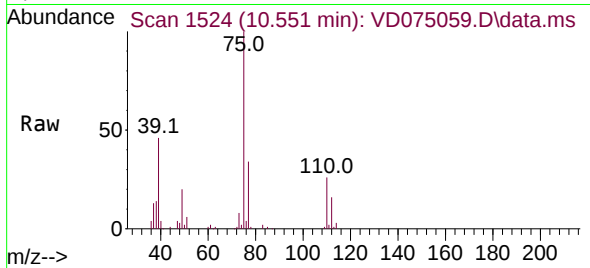




#53
 t-1,3-Dichloropropene
 Concen: 50.530 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

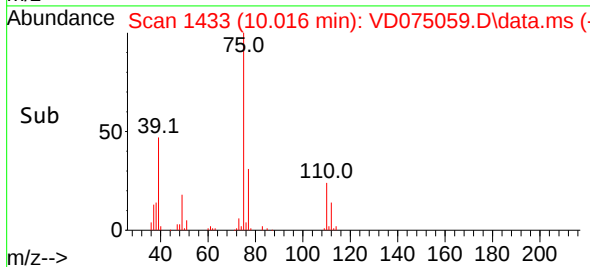
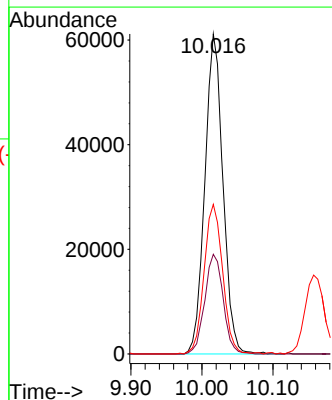
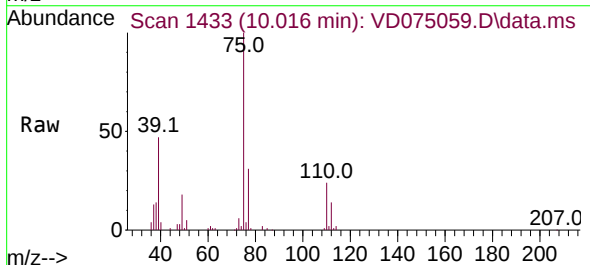
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

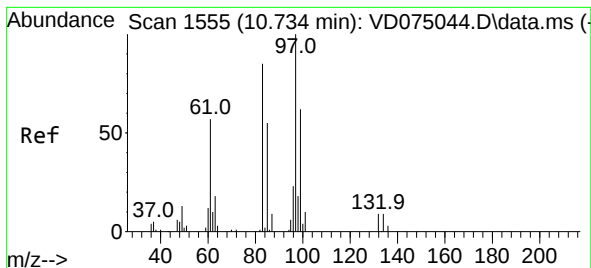
Tgt Ion: 75 Resp: 89076
 Ion Ratio Lower Upper
 75 100
 77 33.9 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 51.052 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Tgt Ion: 75 Resp: 108452
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3
 39 46.5 25.7 38.5#





#55

1,1,2-Trichloroethane

Concen: 50.728 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 51681

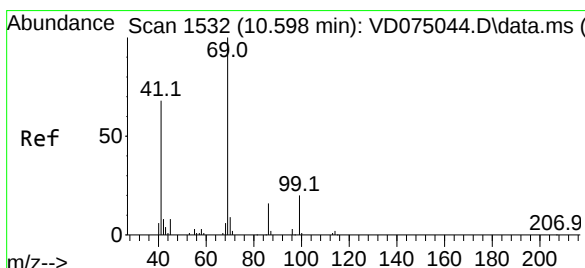
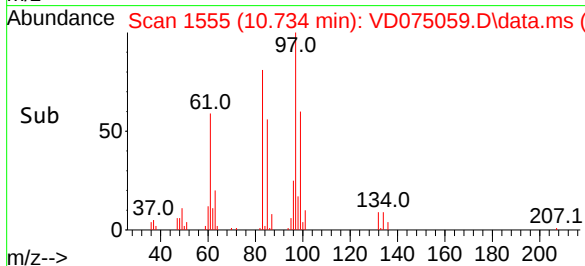
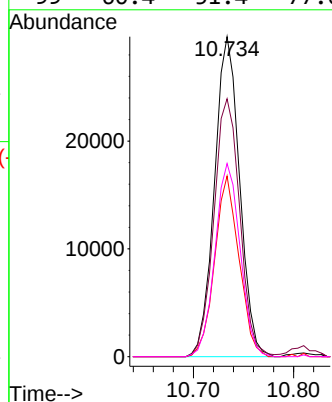
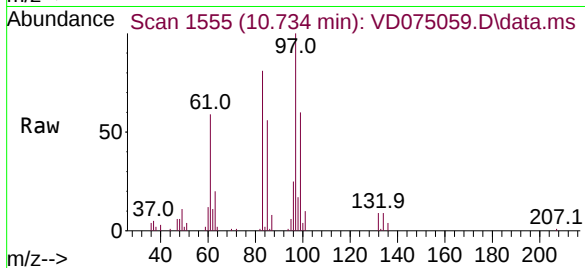
Ion Ratio Lower Upper

97 100

83 80.6 65.1 97.7

85 56.5 43.3 64.9

99 60.4 51.4 77.0



#56

Ethyl methacrylate

Concen: 48.819 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.001 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

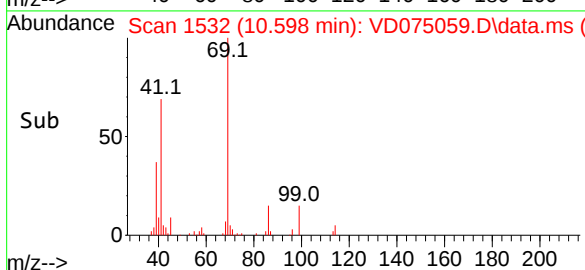
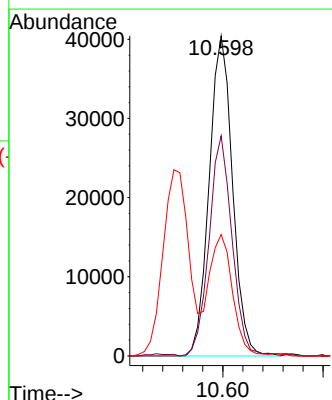
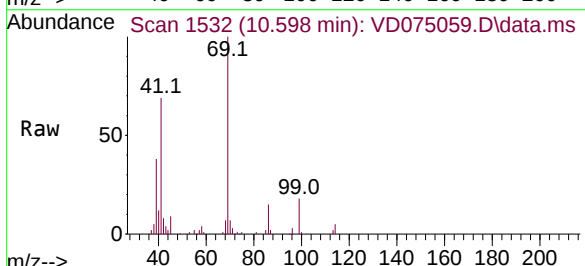
Tgt Ion: 69 Resp: 65470

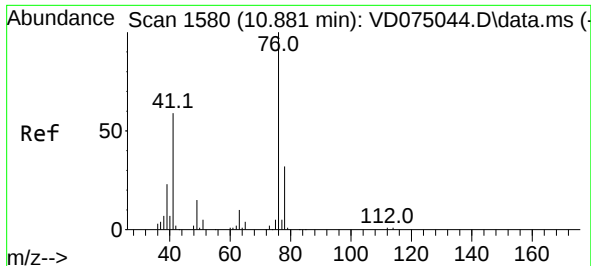
Ion Ratio Lower Upper

69 100

41 67.5 42.2 63.4#

39 39.4 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 51.788 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

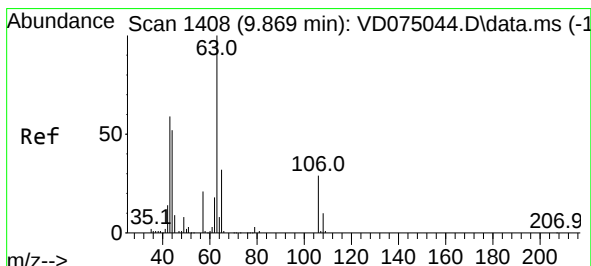
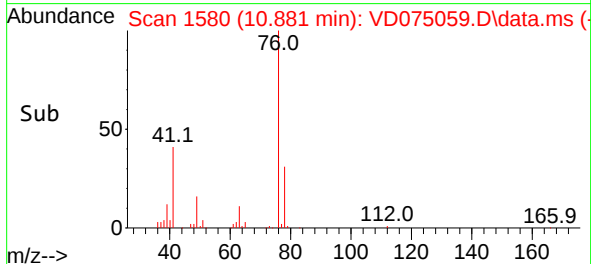
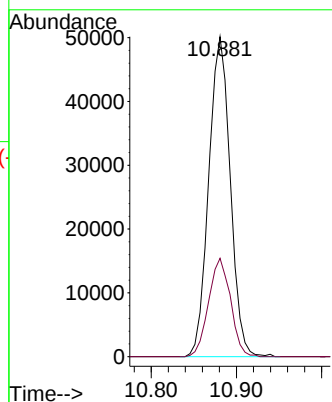
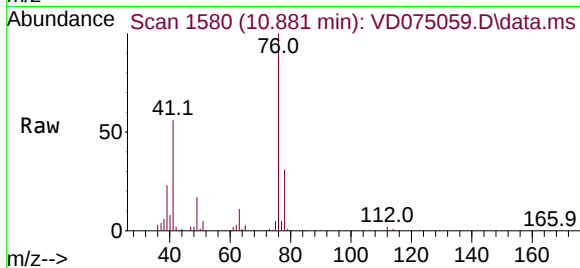
VSTDCCC050

Tgt Ion: 76 Resp: 88202

Ion Ratio Lower Upper

76 100

78 31.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 249.373 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD075059.D

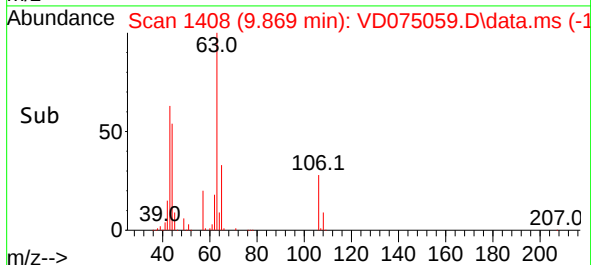
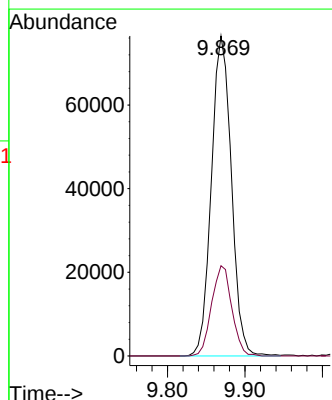
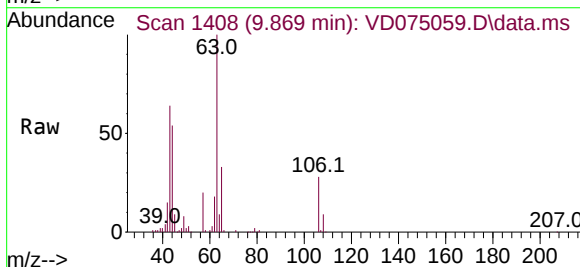
Acq: 28 Dec 2022 11:30

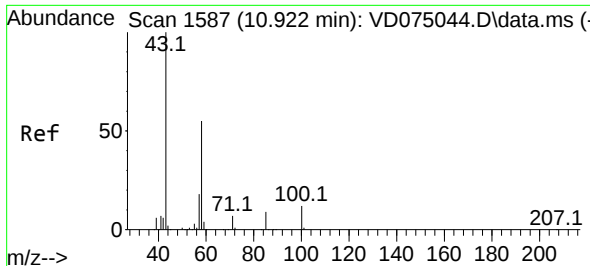
Tgt Ion: 63 Resp: 137270

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9

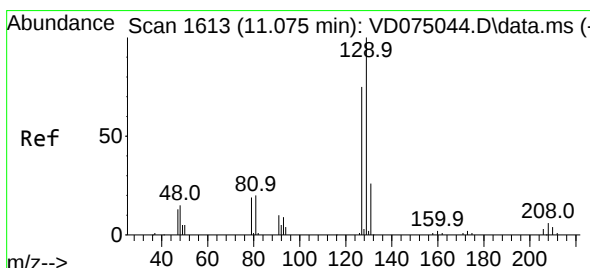
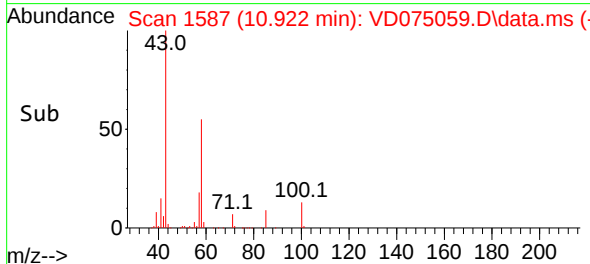
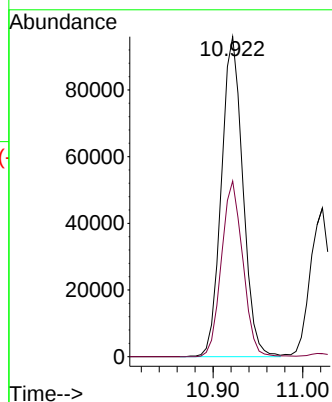
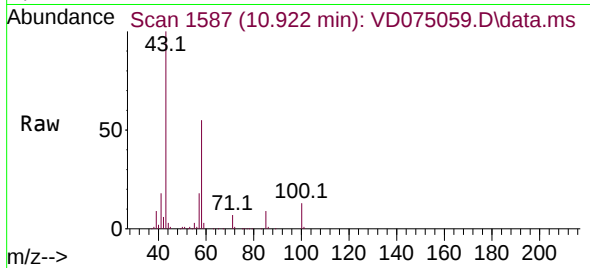




#59
2-Hexanone
Concen: 254.621 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

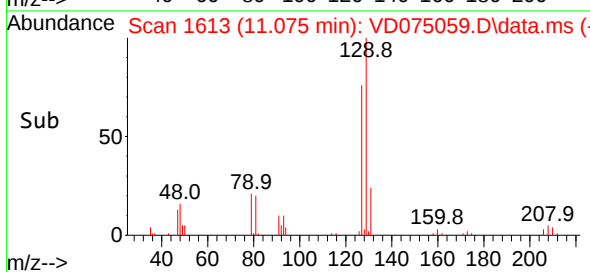
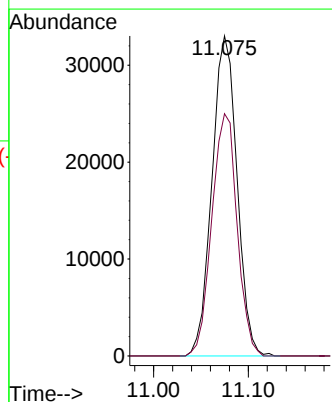
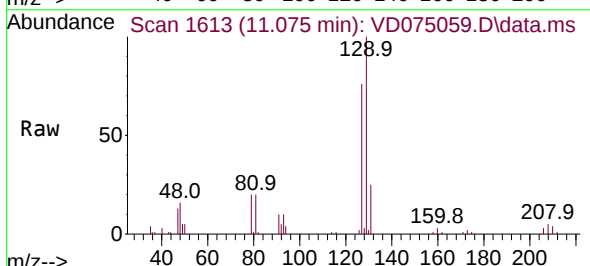
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

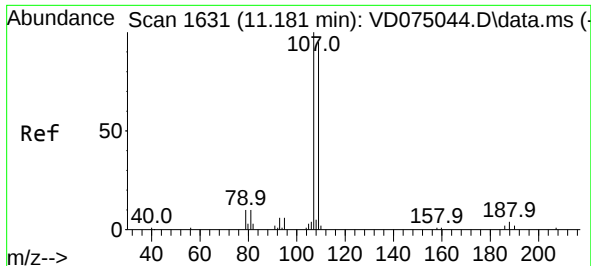
Tgt Ion: 43 Resp: 159457
Ion Ratio Lower Upper
43 100
58 54.5 30.8 92.4



#60
Dibromochloromethane
Concen: 51.961 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:129 Resp: 60647
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3

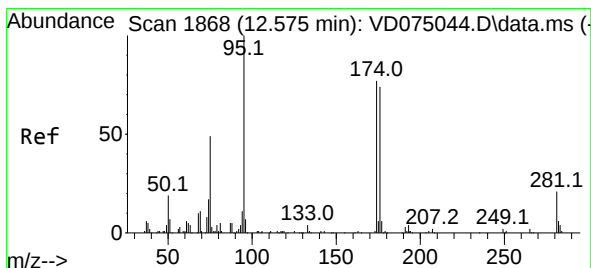
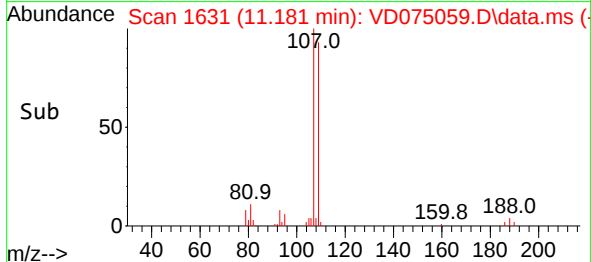
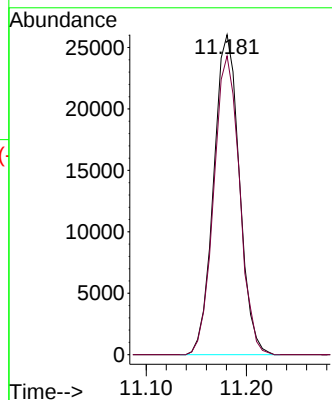
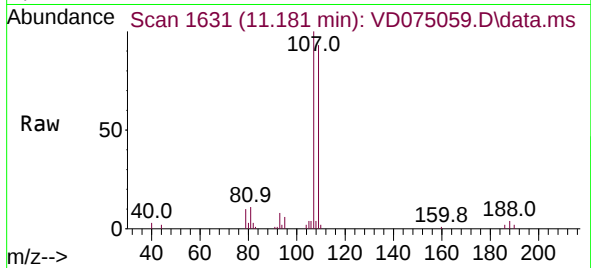




#61
1,2-Dibromoethane
Concen: 50.638 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

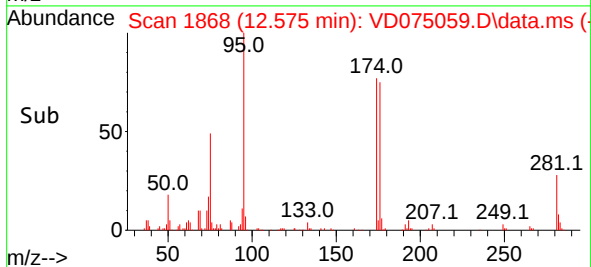
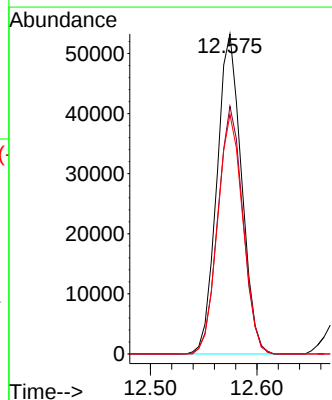
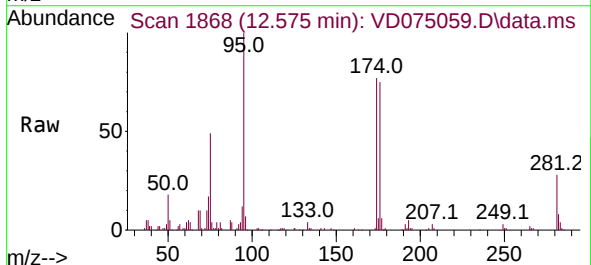
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

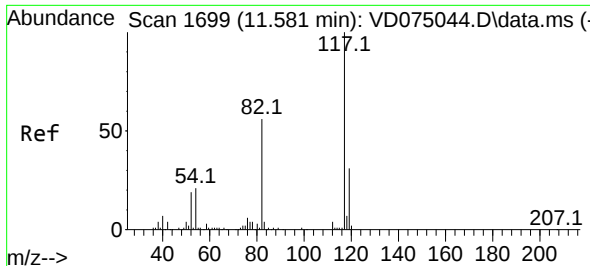
Tgt Ion:107 Resp: 46251
Ion Ratio Lower Upper
107 100
109 94.0 77.2 115.8



#62
4-Bromofluorobenzene
Concen: 49.150 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 95 Resp: 85446
Ion Ratio Lower Upper
95 100
174 78.3 0.0 171.2
176 76.6 0.0 165.0

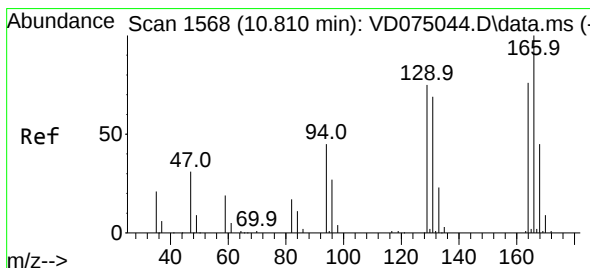
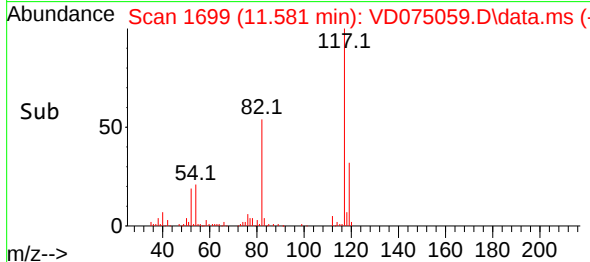
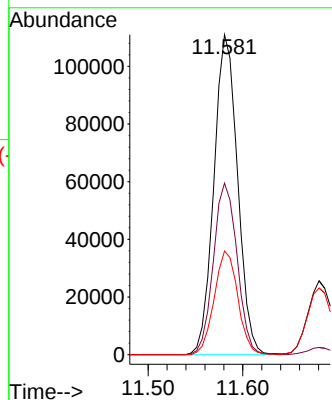
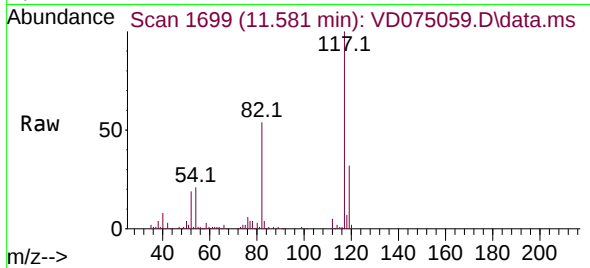




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

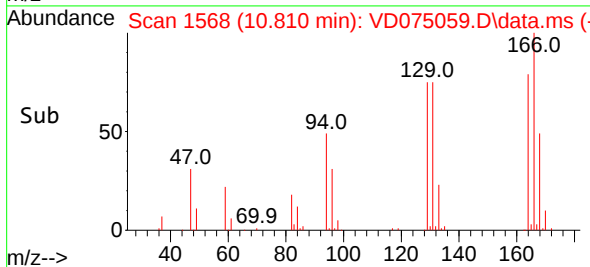
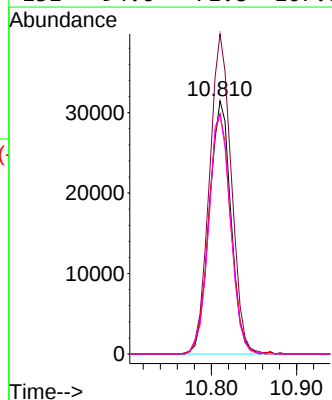
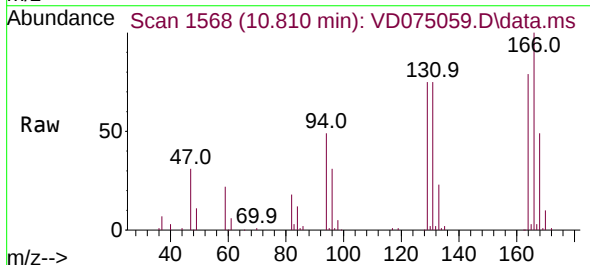
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

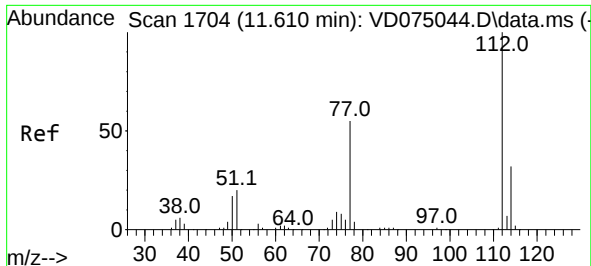
Tgt Ion:117 Resp: 193027
Ion Ratio Lower Upper
117 100
82 53.6 40.9 61.3
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 49.244 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:164 Resp: 55639
Ion Ratio Lower Upper
164 100
166 126.4 99.4 149.0
129 94.8 76.7 115.1
131 94.6 71.8 107.8

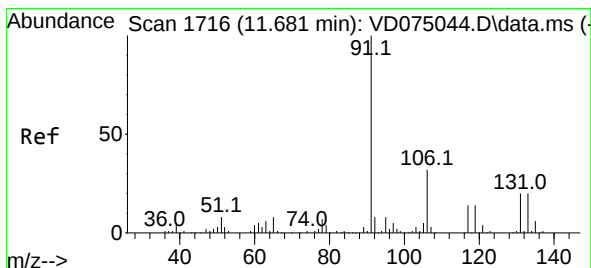
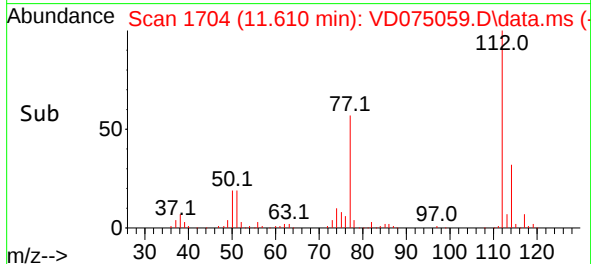
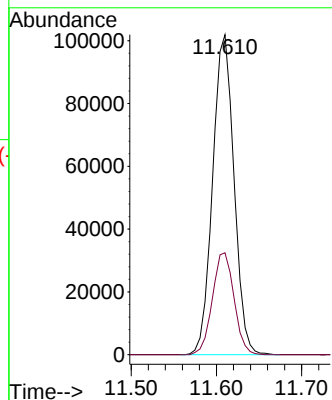
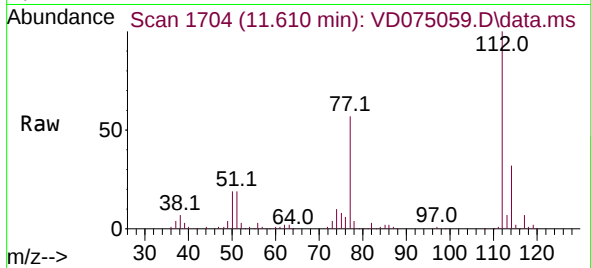




#65
Chlorobenzene
Concen: 50.305 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

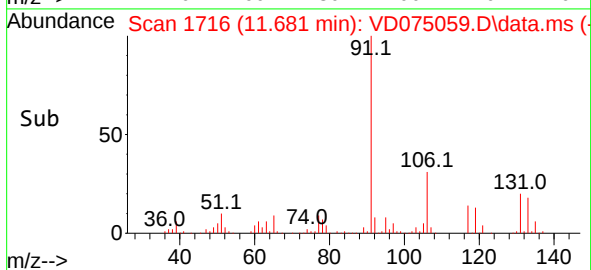
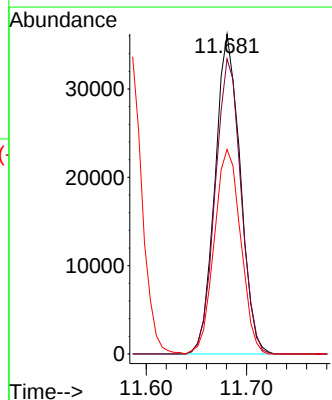
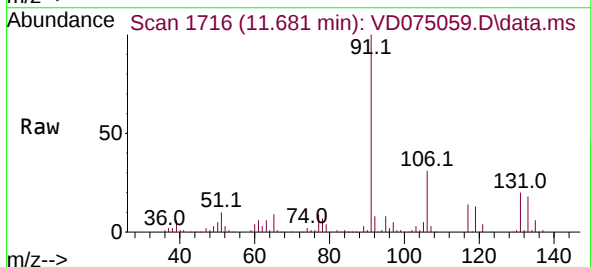
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

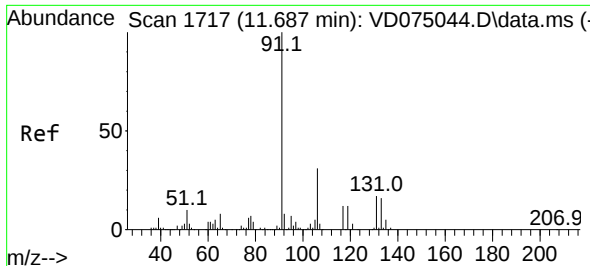
Tgt Ion:112 Resp: 177345
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.700 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:131 Resp: 63117
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.6
119 67.0 34.2 102.5

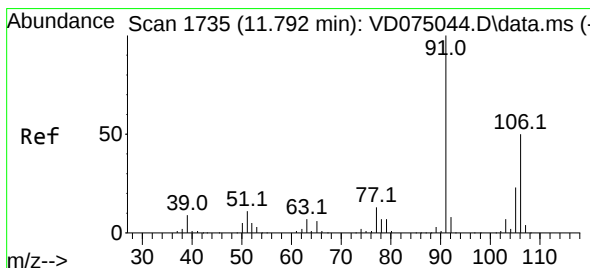
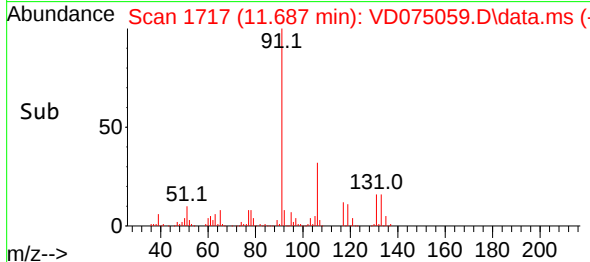
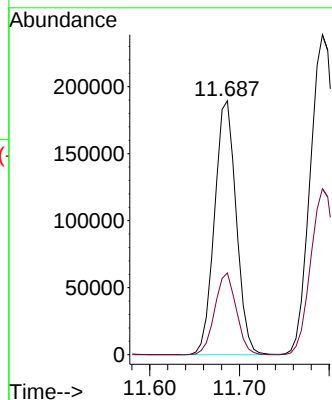
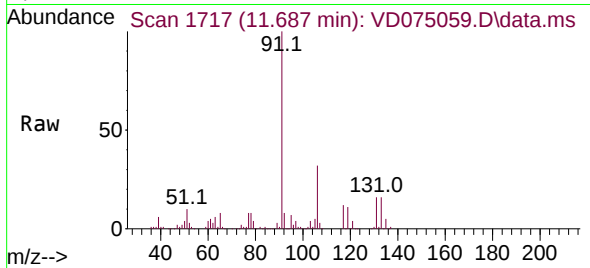




#67
Ethyl Benzene
Concen: 49.288 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

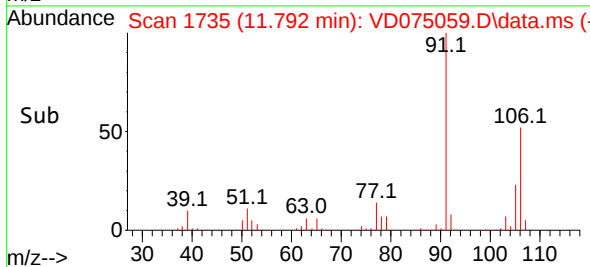
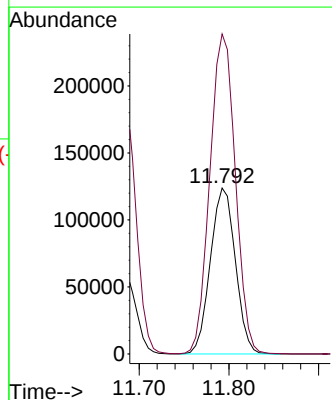
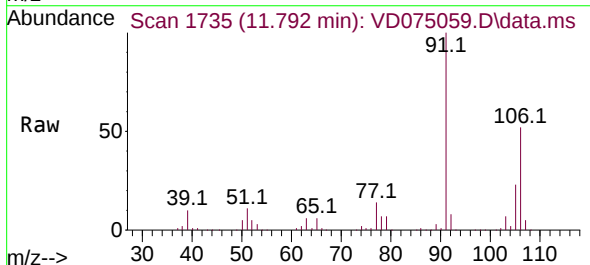
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

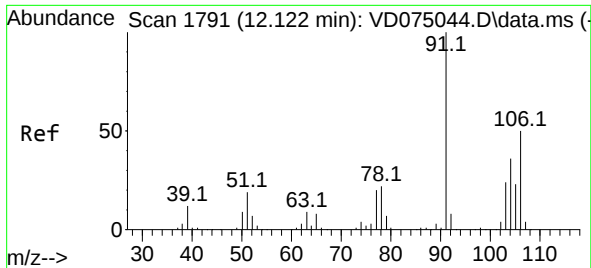
Tgt Ion: 91 Resp: 318023
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 97.781 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:106 Resp: 239209
Ion Ratio Lower Upper
106 100
91 197.1 156.3 234.5

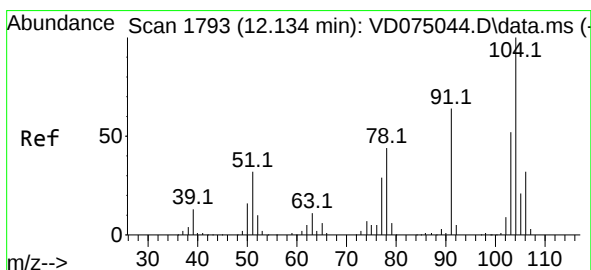
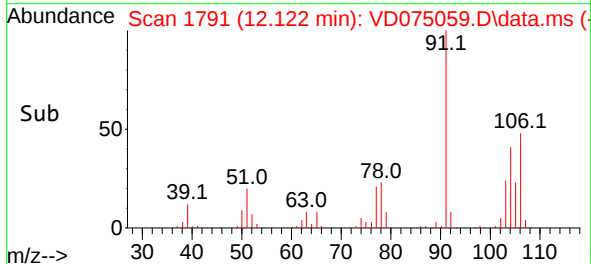
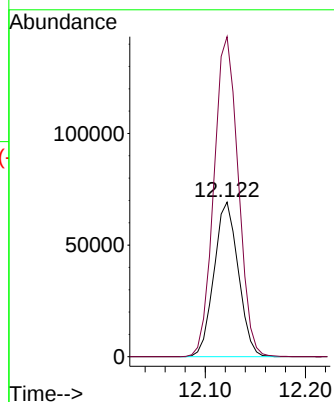
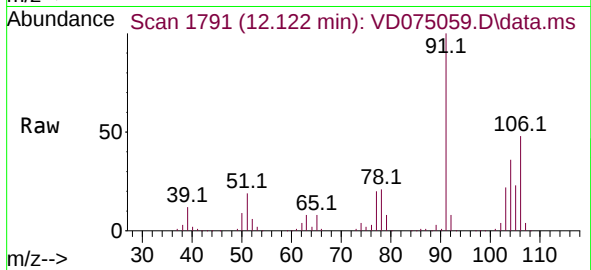




#69
o-Xylene
Concen: 49.457 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

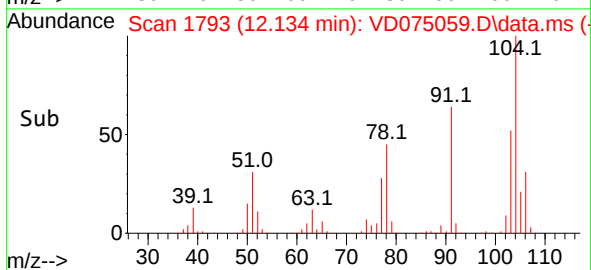
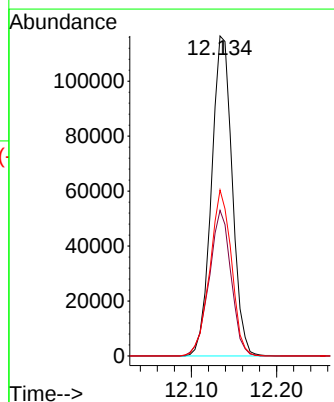
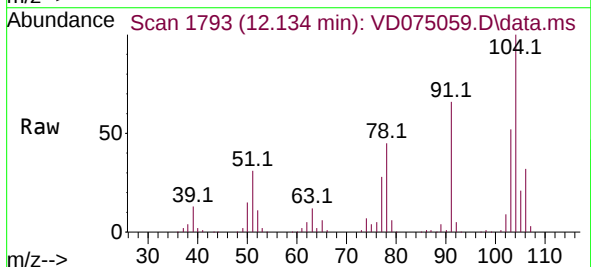
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

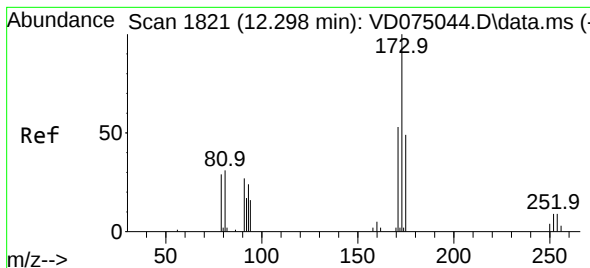
Tgt Ion:106 Resp: 116384
Ion Ratio Lower Upper
106 100
91 207.8 102.7 308.1



#70
Styrene
Concen: 49.768 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:104 Resp: 196899
Ion Ratio Lower Upper
104 100
78 47.9 35.5 53.3
103 54.0 43.9 65.9





#71

Bromoform

Concen: 49.447 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

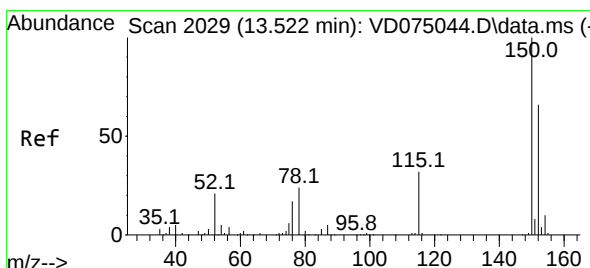
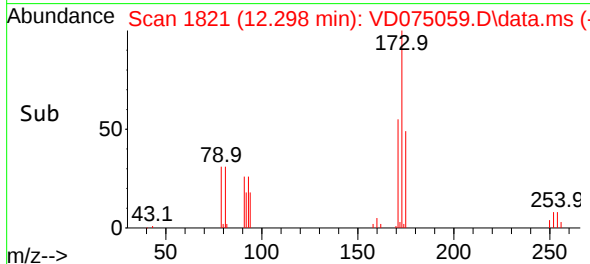
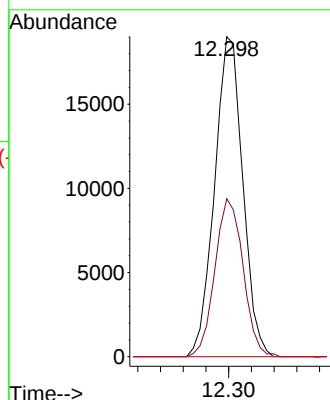
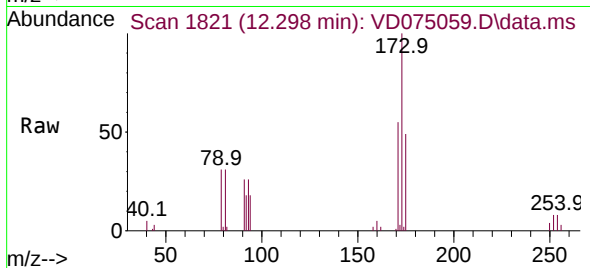
Tgt Ion:173 Resp: 32753

Ion Ratio Lower Upper

173 100

175 49.3 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: VD075059.D

Acq: 28 Dec 2022 11:30

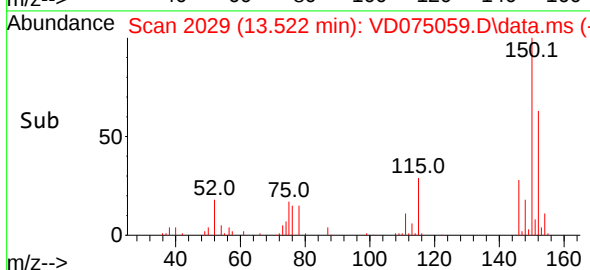
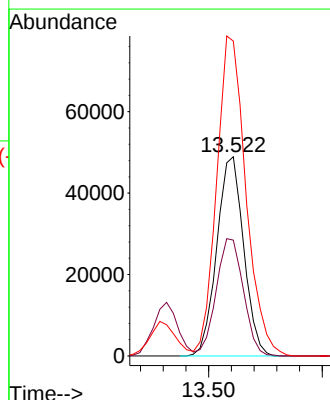
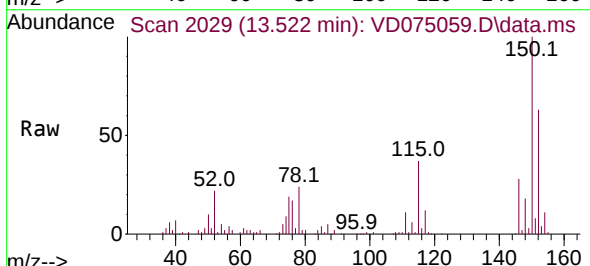
Tgt Ion:152 Resp: 80307

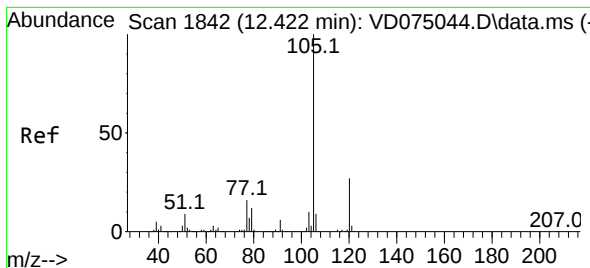
Ion Ratio Lower Upper

152 100

115 59.8 28.8 86.5

150 174.9 0.0 354.2





#73

Isopropylbenzene

Concen: 51.450 ug/l

RT: 12.422 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

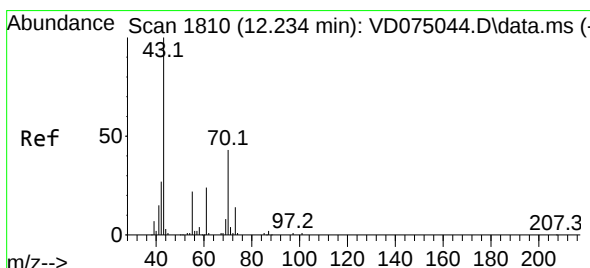
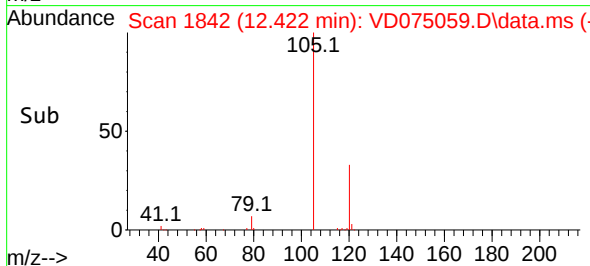
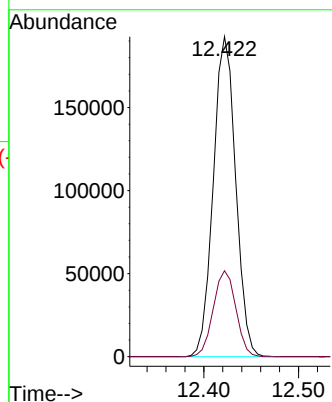
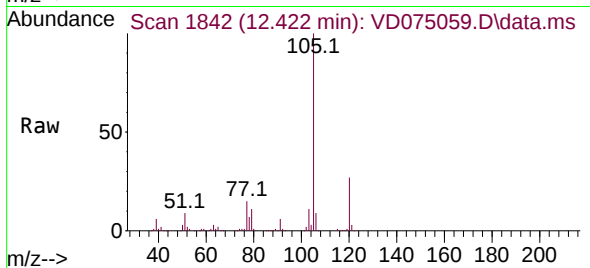
VSTDCCC050

Tgt Ion:105 Resp: 316781

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



#74

N-ethyl acetate

Concen: 48.380 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Tgt Ion: 43 Resp: 75608

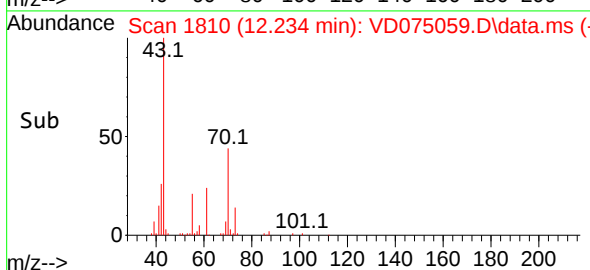
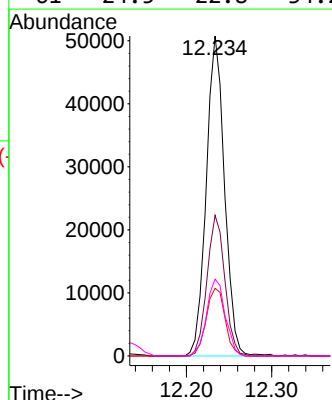
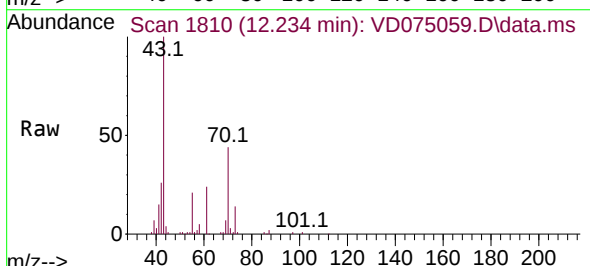
Ion Ratio Lower Upper

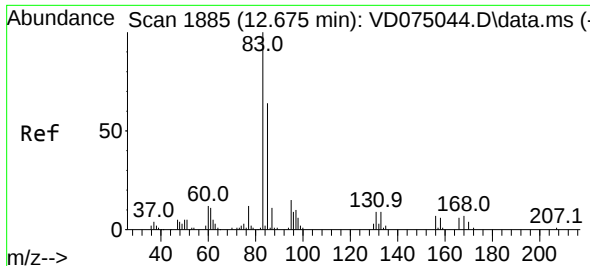
43 100

70 42.8 40.6 60.8

55 21.8 22.0 33.0#

61 24.5 22.8 34.2

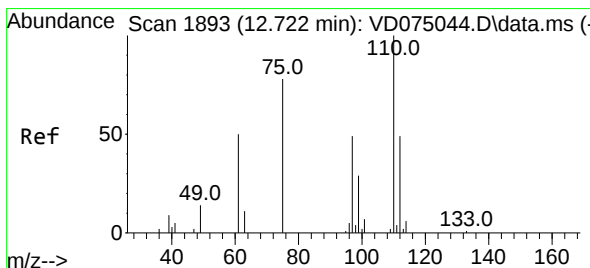
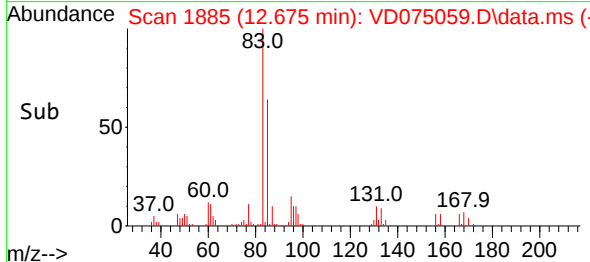
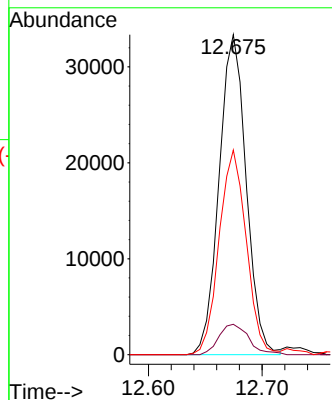
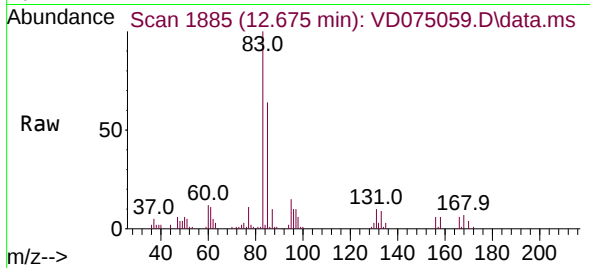




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.422 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

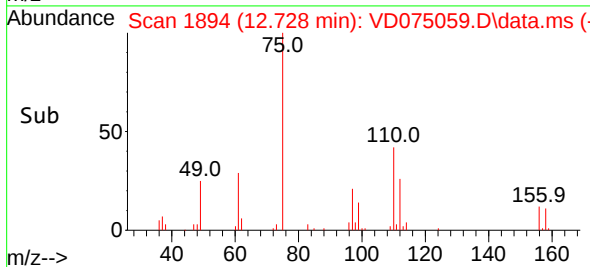
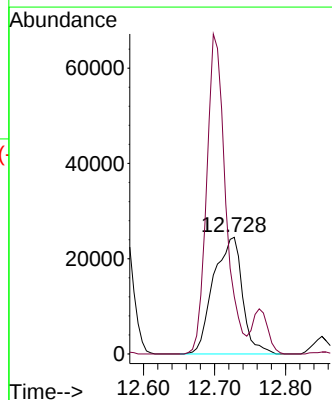
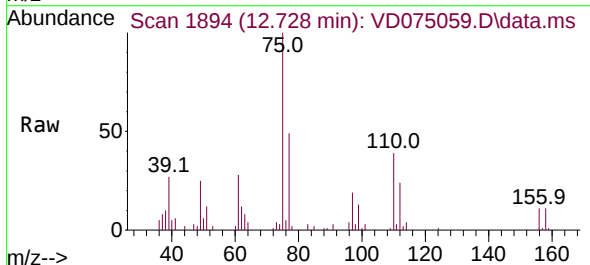
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

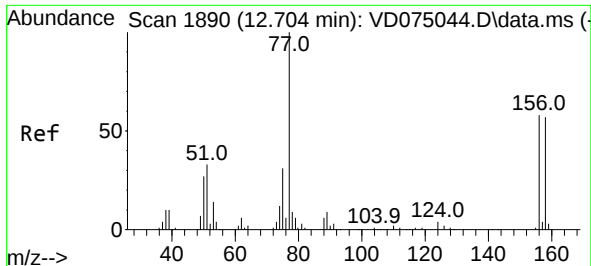
Tgt Ion: 83 Resp: 55358
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.9 14.6
 85 64.0 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 84.139 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Tgt Ion: 75 Resp: 69282
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

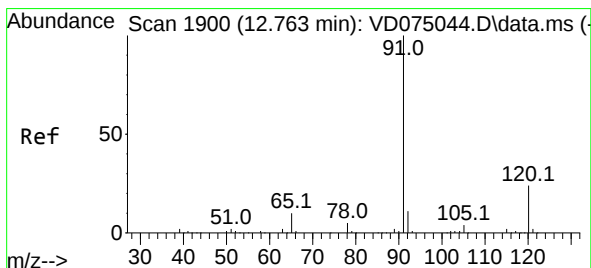
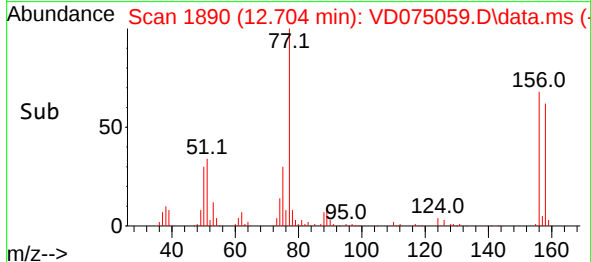
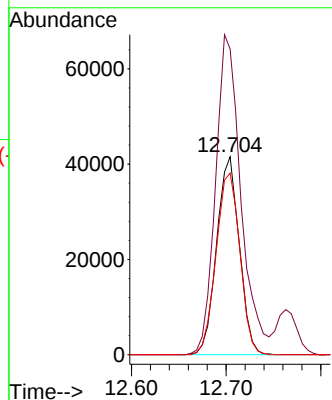
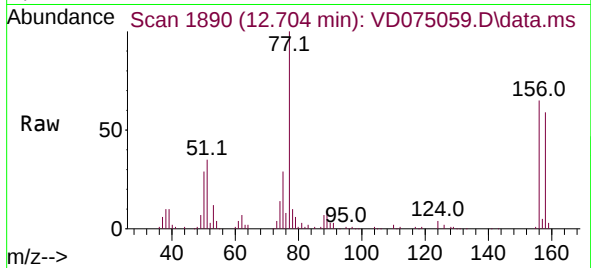




#77
Bromobenzene
Concen: 52.636 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

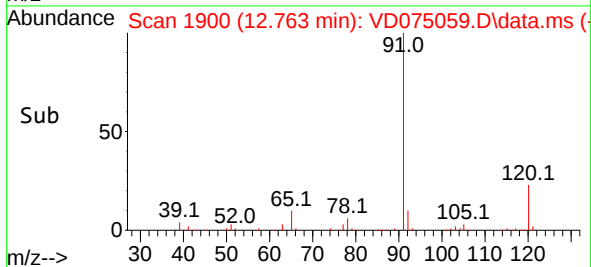
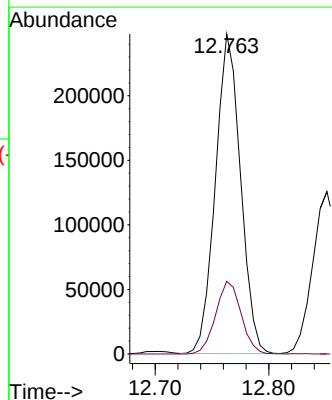
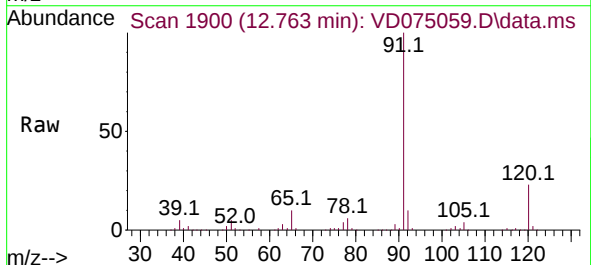
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

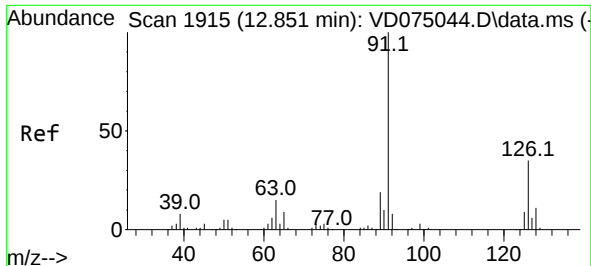
Tgt Ion:156 Resp: 69178
Ion Ratio Lower Upper
156 100
77 180.8 86.3 258.9
158 96.2 48.3 144.9



#78
n-propylbenzene
Concen: 50.391 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 91 Resp: 380021
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

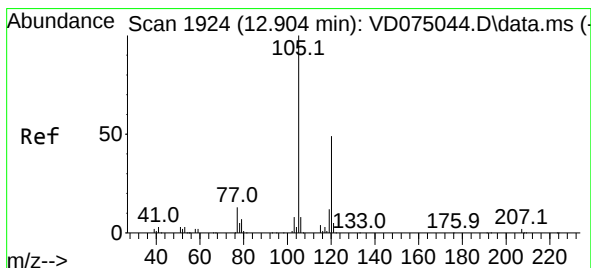
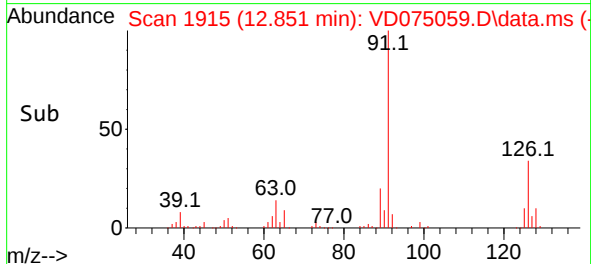
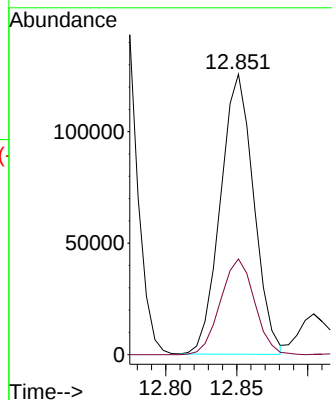
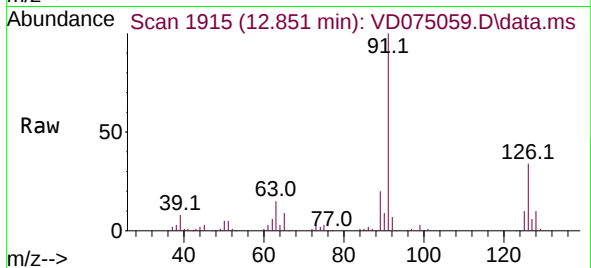




#79
2-Chlorotoluene
Concen: 49.801 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

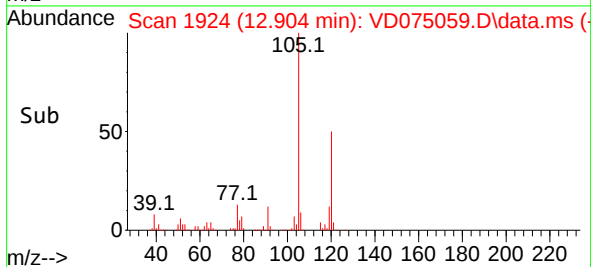
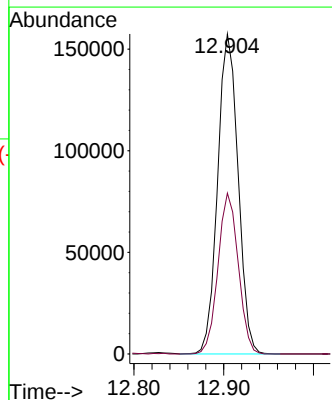
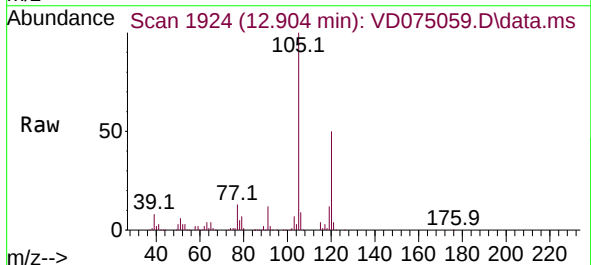
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

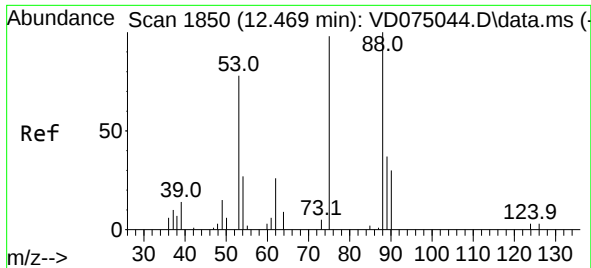
Tgt Ion: 91 Resp: 205184
Ion Ratio Lower Upper
91 100
126 34.9 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 50.140 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 105 Resp: 248959
Ion Ratio Lower Upper
105 100
120 49.8 25.1 75.3

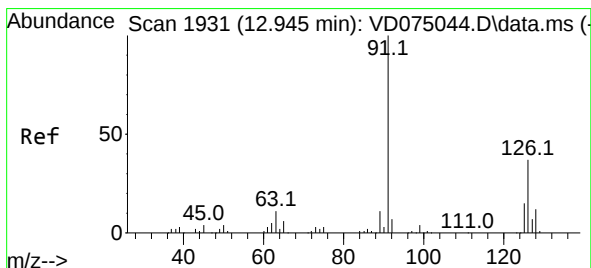
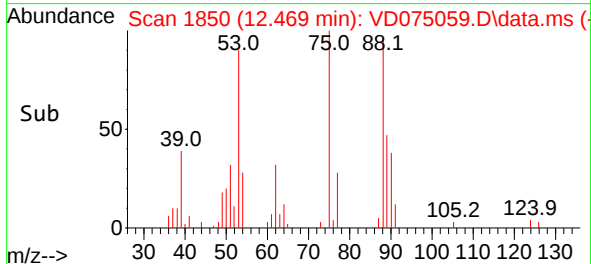
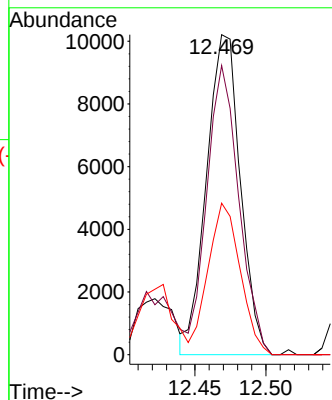
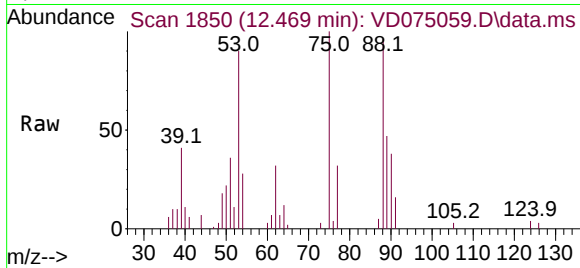




#81
trans-1,4-Dichloro-2-butene
Concen: 47.610 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

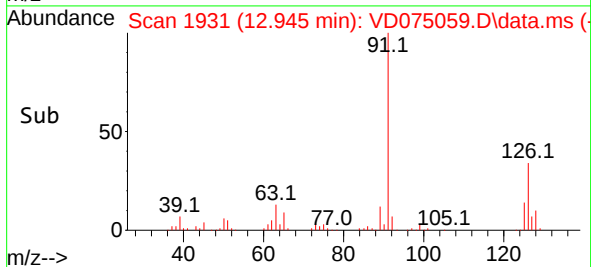
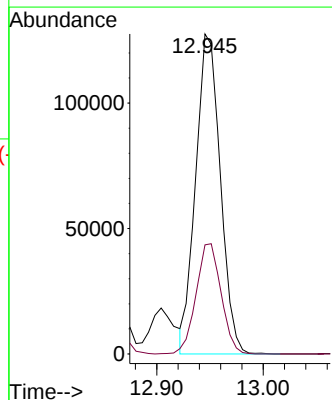
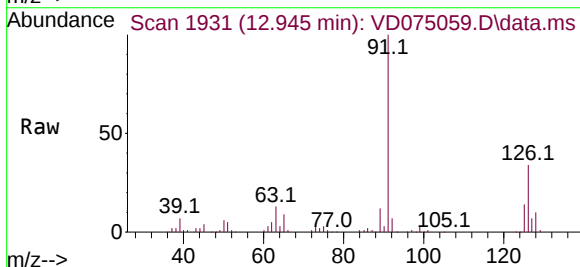
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

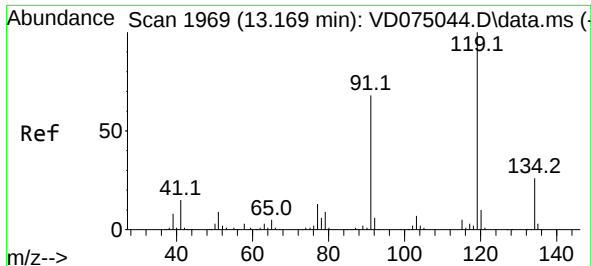
Tgt Ion: 75 Resp: 16915
Ion Ratio Lower Upper
75 100
53 85.0 60.0 90.0
89 45.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.841 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 91 Resp: 205316
Ion Ratio Lower Upper
91 100
126 35.1 18.1 54.1

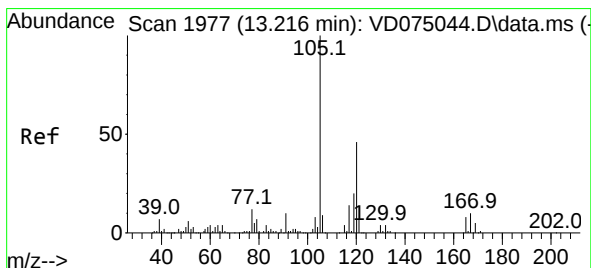
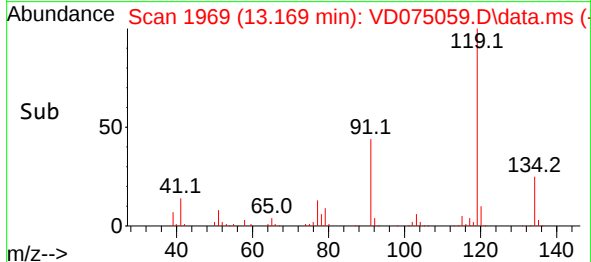
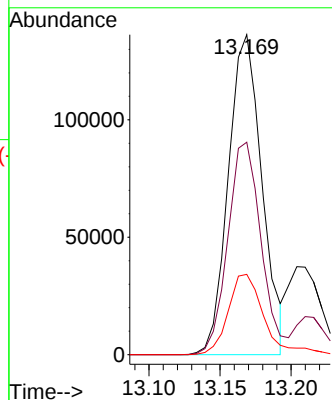
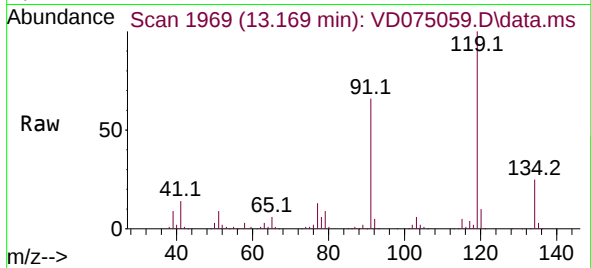




#83
tert-Butylbenzene
Concen: 51.099 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

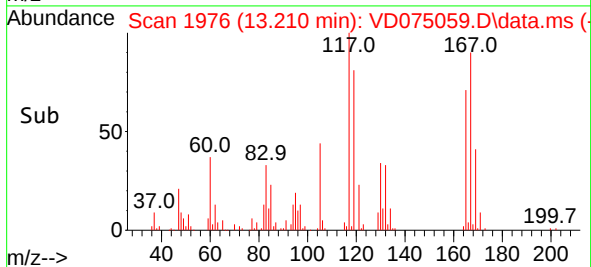
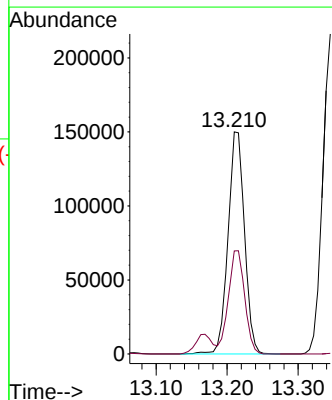
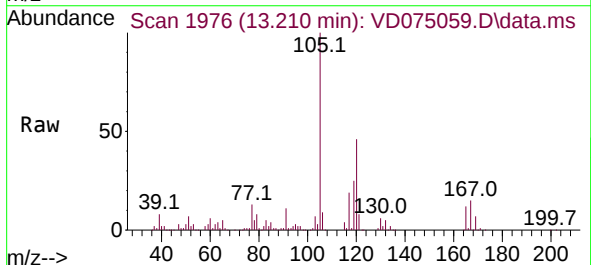
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

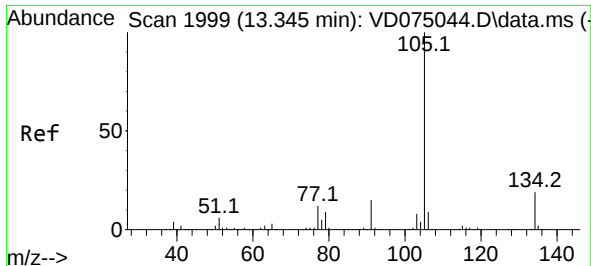
Tgt Ion:119 Resp: 224612
Ion Ratio Lower Upper
119 100
91 66.2 31.2 93.6
134 26.8 13.8 41.3



#84
1,2,4-Trimethylbenzene
Concen: 50.003 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:105 Resp: 241493
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.3

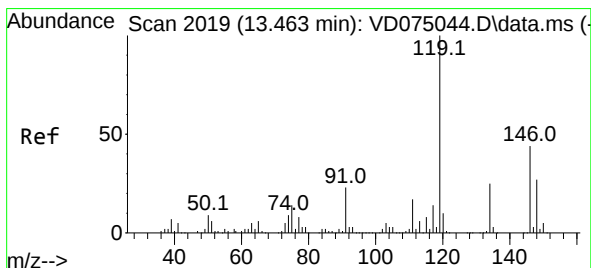
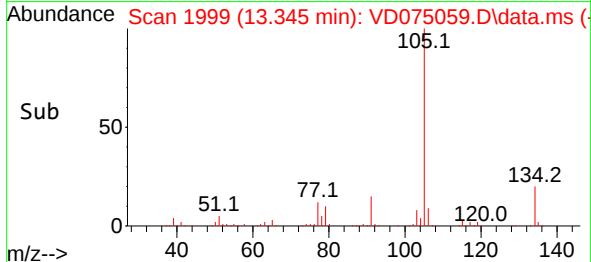
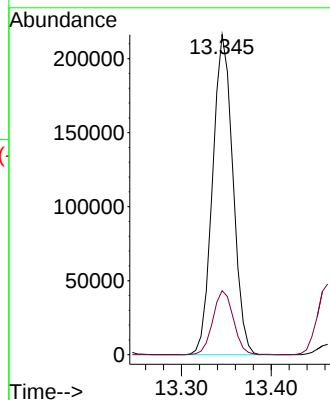
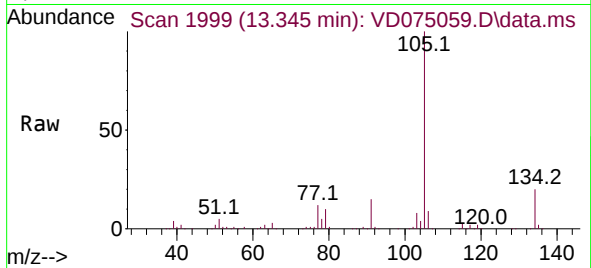




#85
 sec-Butylbenzene
 Concen: 50.343 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

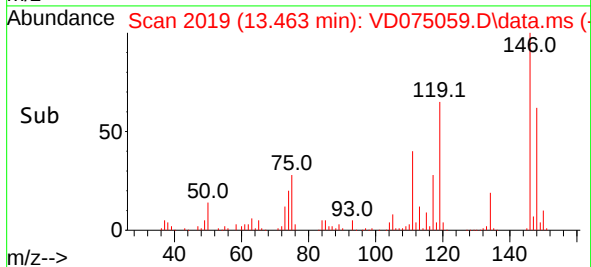
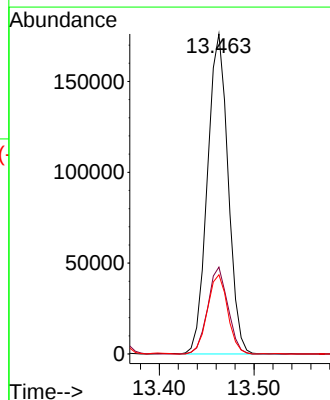
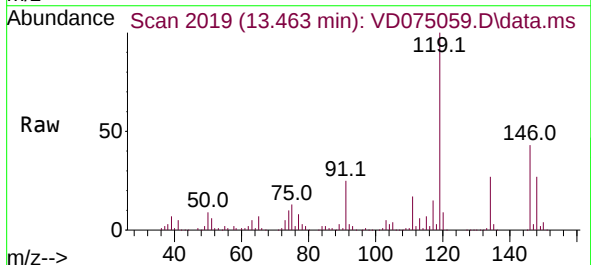
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

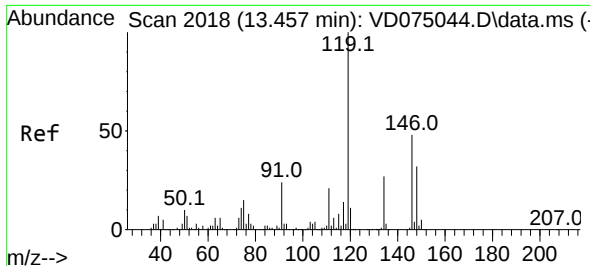
Tgt Ion:105 Resp: 339750
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.729 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD075059.D
 Acq: 28 Dec 2022 11:30

Tgt Ion:119 Resp: 267732
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.3 11.1 33.1

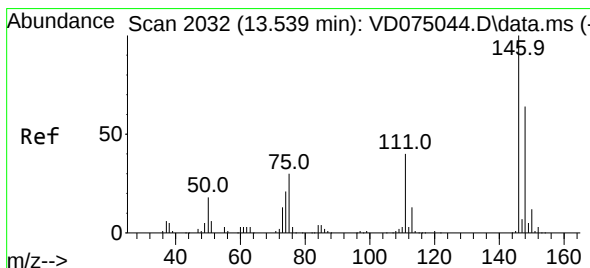
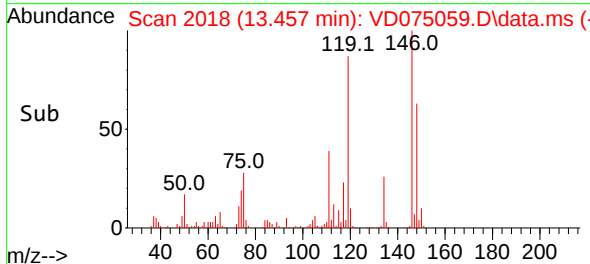
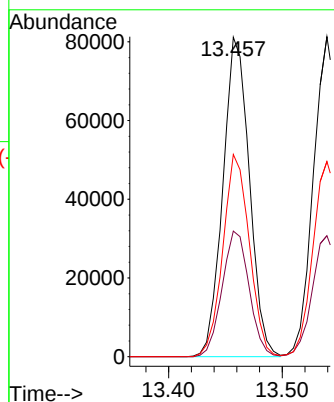
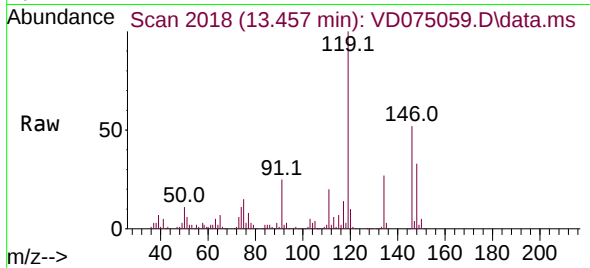




#87
1,3-Dichlorobenzene
Concen: 51.233 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

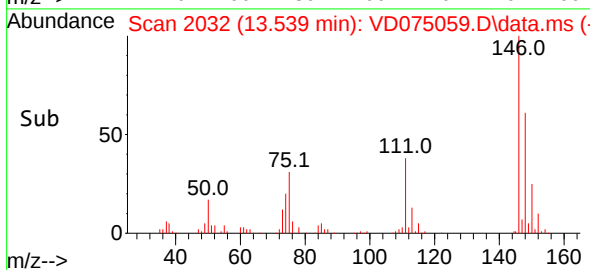
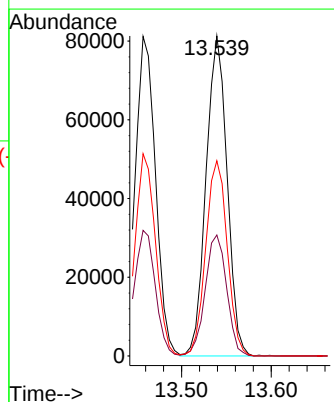
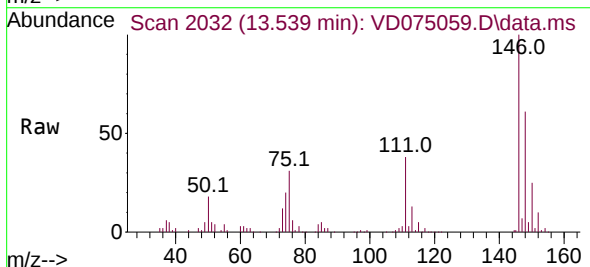
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

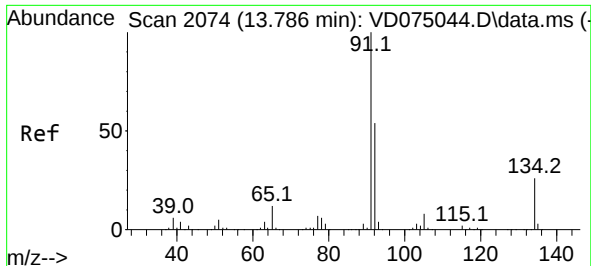
Tgt Ion:146 Resp: 131560
Ion Ratio Lower Upper
146 100
111 40.0 19.1 57.5
148 63.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 51.598 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion:146 Resp: 132351
Ion Ratio Lower Upper
146 100
111 38.7 18.6 55.6
148 62.5 32.0 96.2

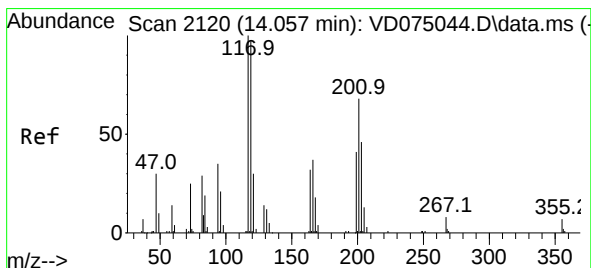
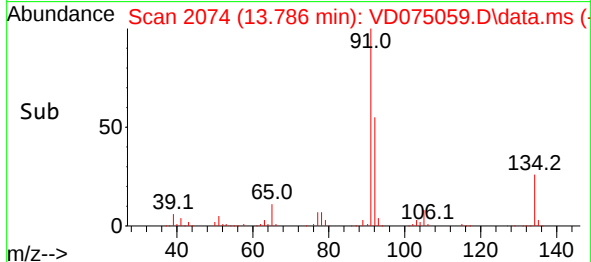
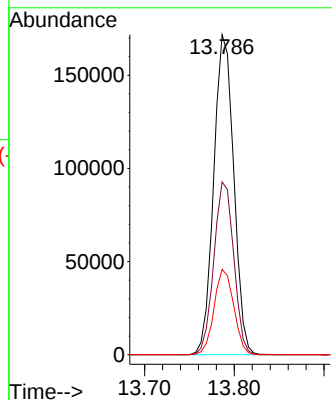
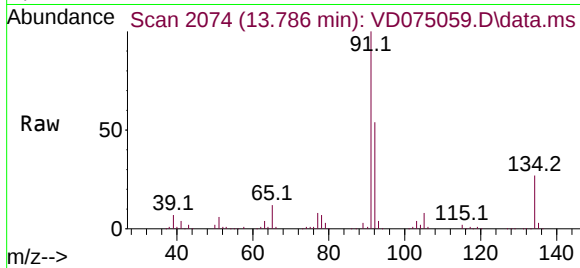




#89
n-Butylbenzene
Concen: 49.538 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

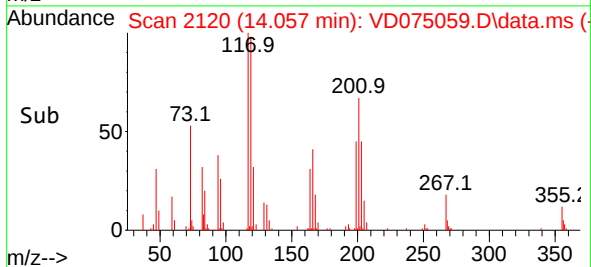
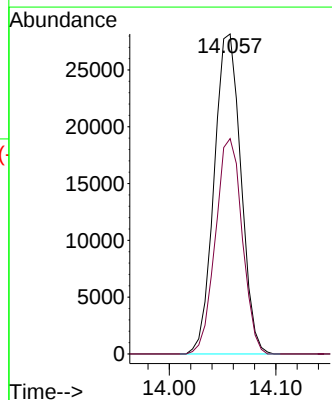
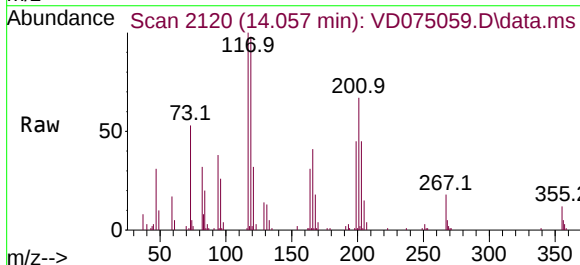
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

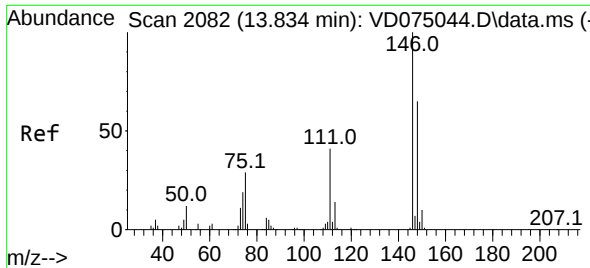
Tgt Ion: 91 Resp: 266375
Ion Ratio Lower Upper
91 100
92 53.7 26.8 80.3
134 26.2 13.3 39.8



#90
Hexachloroethane
Concen: 51.306 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 117 Resp: 49084
Ion Ratio Lower Upper
117 100
201 67.2 35.1 105.3

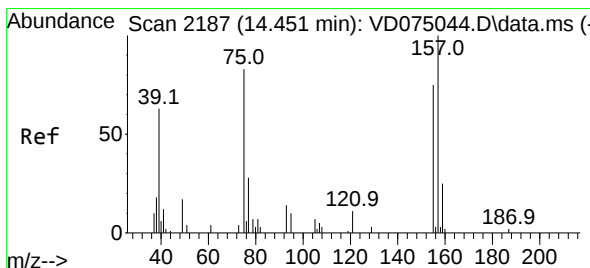
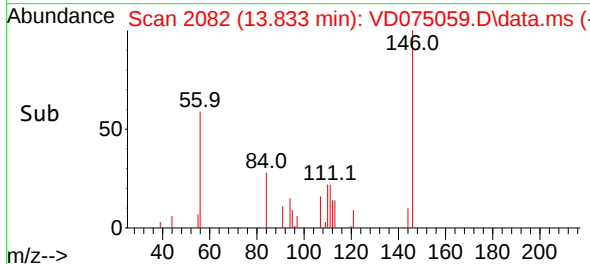
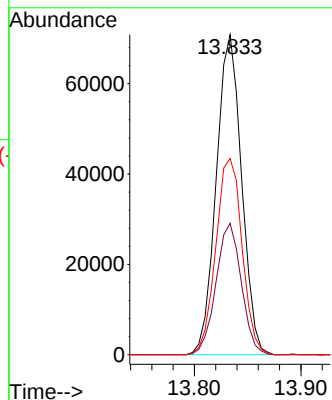
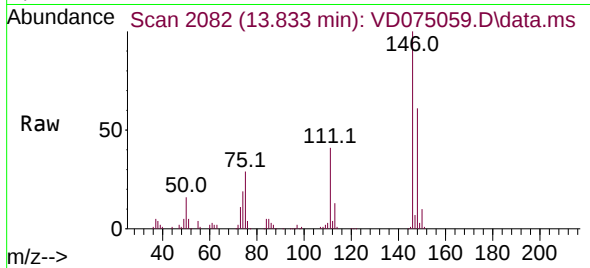




#91
1,2-Dichlorobenzene
Concen: 51.465 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

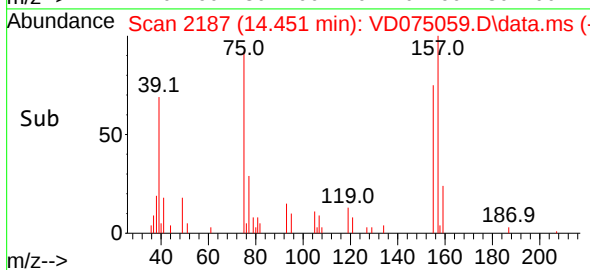
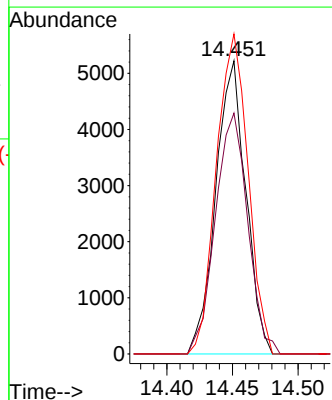
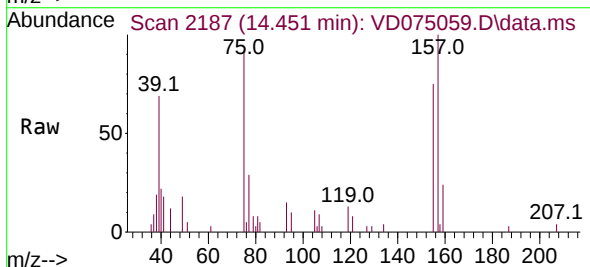
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

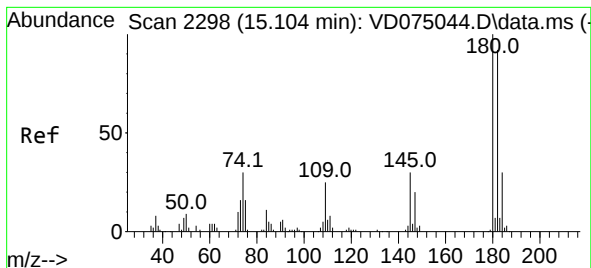
Tgt Ion:146 Resp: 116773
Ion Ratio Lower Upper
146 100
111 41.0 19.9 59.7
148 63.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.363 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075059.D
Acq: 28 Dec 2022 11:30

Tgt Ion: 75 Resp: 8328
Ion Ratio Lower Upper
75 100
155 88.4 47.1 141.4
157 115.0 56.7 170.1





#93

1,2,4-Trichlorobenzene

Concen: 52.936 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

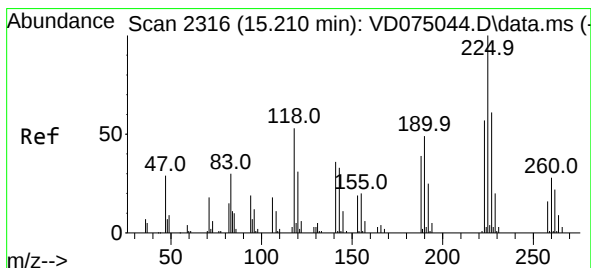
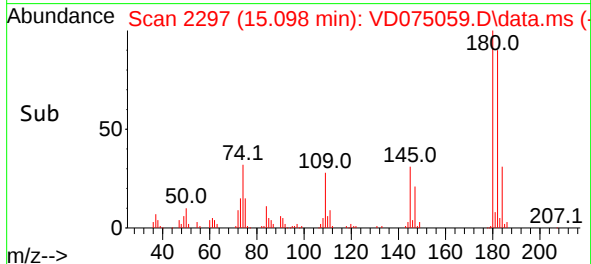
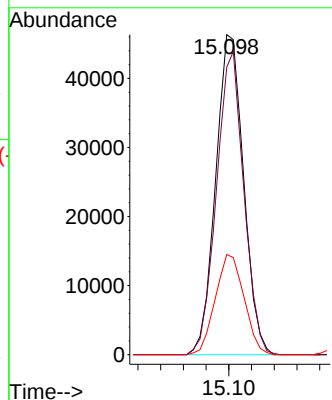
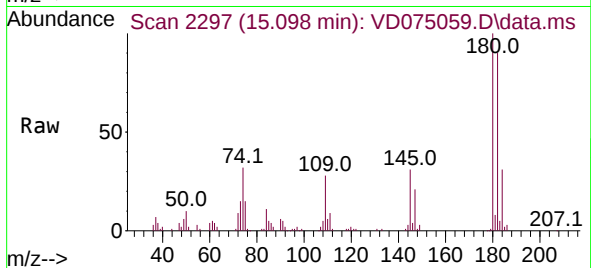
Tgt Ion:180 Resp: 78921

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.5

145 32.2 14.9 44.5



#94

Hexachlorobutadiene

Concen: 50.094 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

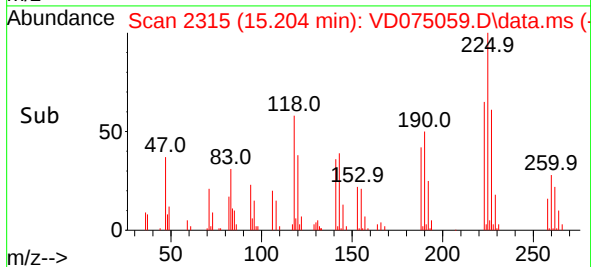
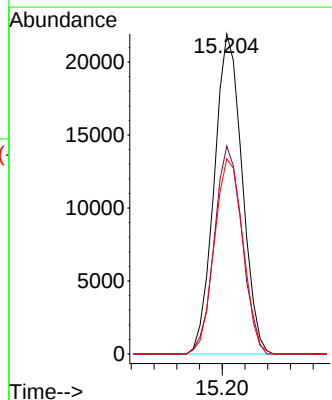
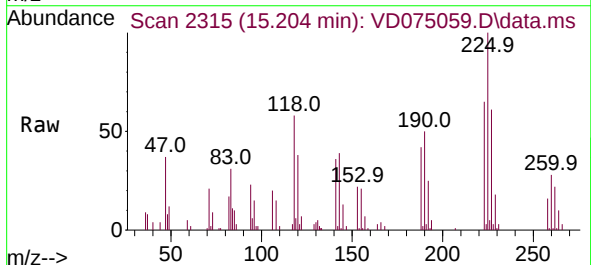
Tgt Ion:225 Resp: 37335

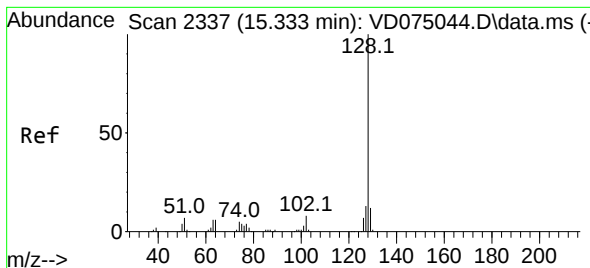
Ion Ratio Lower Upper

225 100

223 64.6 31.0 93.0

227 62.7 31.0 93.0





#95

Naphthalene

Concen: 51.462 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.001 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

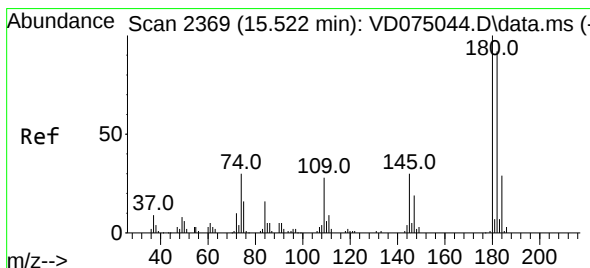
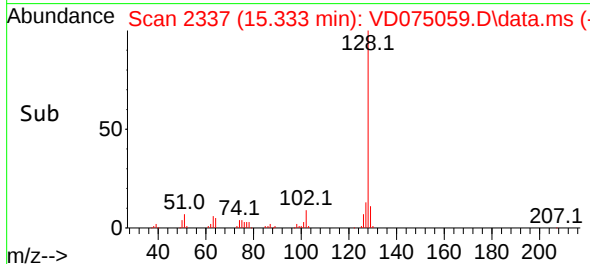
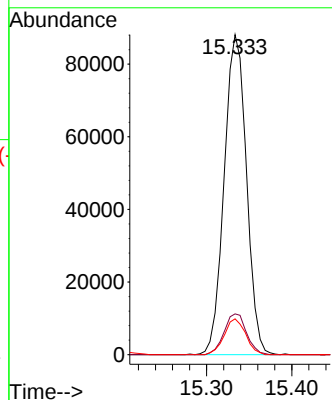
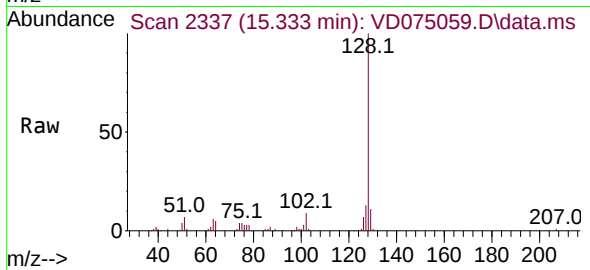
Tgt Ion:128 Resp: 160138

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.455 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD075059.D

Acq: 28 Dec 2022 11:30

Tgt Ion:180 Resp: 67117

Ion Ratio Lower Upper

180 100

182 95.5 46.3 138.9

145 34.3 15.3 45.9

