

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079537.D
 Acq On : 01 Aug 2024 20:36
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 02 01:34:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	192741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	325988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105084	53.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.340%	
35) Dibromofluoromethane	7.805	113	111989	50.756	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.263	98	435411	50.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.569	95	128088	51.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	70906	46.952	ug/l	95
3) Chloromethane	2.146	50	138074	49.621	ug/l	96
4) Vinyl Chloride	2.275	62	168685	50.985	ug/l	99
5) Bromomethane	2.681	94	90960	43.199	ug/l	98
6) Chloroethane	2.828	64	97717	45.963	ug/l	95
7) Trichlorofluoromethane	3.164	101	161058	48.950	ug/l	95
8) Diethyl Ether	3.587	74	53702	54.031	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	100817	48.446	ug/l	97
10) Methyl Iodide	4.152	142	129233	50.991	ug/l	96
11) Tert butyl alcohol	5.058	59	30613	336.700	ug/l #	94
12) 1,1-Dichloroethene	3.928	96	101985	48.972	ug/l	92
13) Acrolein	3.793	56	31370	226.919	ug/l	92
14) Allyl chloride	4.552	41	137212	49.896	ug/l	88
15) Acrylonitrile	5.252	53	133149	286.689	ug/l	97
16) Acetone	4.022	43	80894	212.580	ug/l	94
17) Carbon Disulfide	4.264	76	331766	48.263	ug/l	98
18) Methyl Acetate	4.564	43	67122	56.812	ug/l #	86
19) Methyl tert-butyl Ether	5.311	73	241349	56.776	ug/l	97
20) Methylene Chloride	4.793	84	149765	54.269	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	121024	51.731	ug/l	87
22) Diisopropyl ether	6.211	45	340664	55.676	ug/l #	94
23) Vinyl Acetate	6.152	43	1326206	288.337	ug/l	93
24) 1,1-Dichloroethane	6.105	63	215161	52.474	ug/l	96
25) 2-Butanone	7.081	43	145996	270.618	ug/l	93
26) 2,2-Dichloropropane	7.075	77	150287	45.313	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	141843	53.043	ug/l #	32
28) Bromochloromethane	7.422	49	96618	53.735	ug/l #	73
29) Tetrahydrofuran	7.440	42	101493	303.564	ug/l #	84
30) Chloroform	7.593	83	227346	54.751	ug/l	98
31) Cyclohexane	7.875	56	155067	47.684	ug/l	85
32) 1,1,1-Trichloroethane	7.787	97	176439	51.494	ug/l	98
36) 1,1-Dichloropropene	8.005	75	150336	49.920	ug/l	97
37) Ethyl Acetate	7.163	43	73364	59.416	ug/l	95
38) Carbon Tetrachloride	7.987	117	160117	50.576	ug/l	94
39) Methylcyclohexane	9.269	83	175578	48.863	ug/l	91
40) Benzene	8.246	78	500775	52.354	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	39978	58.862	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	123837	54.330	ug/l	97
43) Isopropyl Acetate	8.357	43	130410	56.197	ug/l #	93
44) Trichloroethene	9.028	130	119308	50.106	ug/l	96
45) 1,2-Dichloropropane	9.299	63	125616	53.964	ug/l	96
46) Dibromomethane	9.387	93	70573	54.688	ug/l	96
47) Bromodichloromethane	9.581	83	168955	53.321	ug/l	95
48) Methyl methacrylate	9.375	41	62672	60.346	ug/l #	81
49) 1,4-Dioxane	9.381	88	15948	1192.680	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	362236	305.741	ug/l	95
52) Toluene	10.328	92	315494	53.331	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	155037	52.983	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	186989	53.126	ug/l	96
55) 1,1,2-Trichloroethane	10.728	97	96676	56.871	ug/l	92
56) Ethyl methacrylate	10.599	69	118638	58.901	ug/l	92
57) 1,3-Dichloropropane	10.875	76	160897	55.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	270672	291.393	ug/l	91
59) 2-Hexanone	10.916	43	247092	299.037	ug/l	95
60) Dibromochloromethane	11.069	129	122138	55.001	ug/l	97
61) 1,2-Dibromoethane	11.175	107	89192	56.006	ug/l	96
64) Tetrachloroethene	10.804	164	105186	49.770	ug/l	93
65) Chlorobenzene	11.604	112	349189	50.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123692	54.168	ug/l	96
67) Ethyl Benzene	11.681	91	580099	51.057	ug/l	99
68) m/p-Xylenes	11.787	106	470340	104.342	ug/l	94
69) o-Xylene	12.116	106	213310	51.627	ug/l	90
70) Styrene	12.134	104	393011	54.256	ug/l	97
71) Bromoform	12.293	173	72255	55.973	ug/l #	100
73) Isopropylbenzene	12.416	105	546485	45.871	ug/l	100
74) N-amyl acetate	12.228	43	131379	55.759	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	114472	55.006	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	141153	100.805	ug/l #	100
77) Bromobenzene	12.698	156	137208	51.081	ug/l	89
78) n-propylbenzene	12.757	91	681055	50.860	ug/l	97
79) 2-Chlorotoluene	12.845	91	380961	51.093	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	458309	51.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	39164	53.345	ug/l	99
82) 4-Chlorotoluene	12.945	91	397397	51.126	ug/l	98
83) tert-Butylbenzene	13.163	119	391575	45.643	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	473934	47.398	ug/l	99
85) sec-Butylbenzene	13.340	105	590790	49.776	ug/l	100
86) p-Isopropyltoluene	13.457	119	502828	45.175	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	277374	49.851	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	275950	50.446	ug/l	97
89) n-Butylbenzene	13.781	91	458682	44.663	ug/l	99
90) Hexachloroethane	14.051	117	104035	50.114	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	248457	52.249	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15246	55.059	ug/l	97
93) 1,2,4-Trichlorobenzene	15.092	180	144571	48.253	ug/l	98
94) Hexachlorobutadiene	15.198	225	75539	46.714	ug/l	96
95) Naphthalene	15.328	128	286248	55.200	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	135293	51.335	ug/l	97

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QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

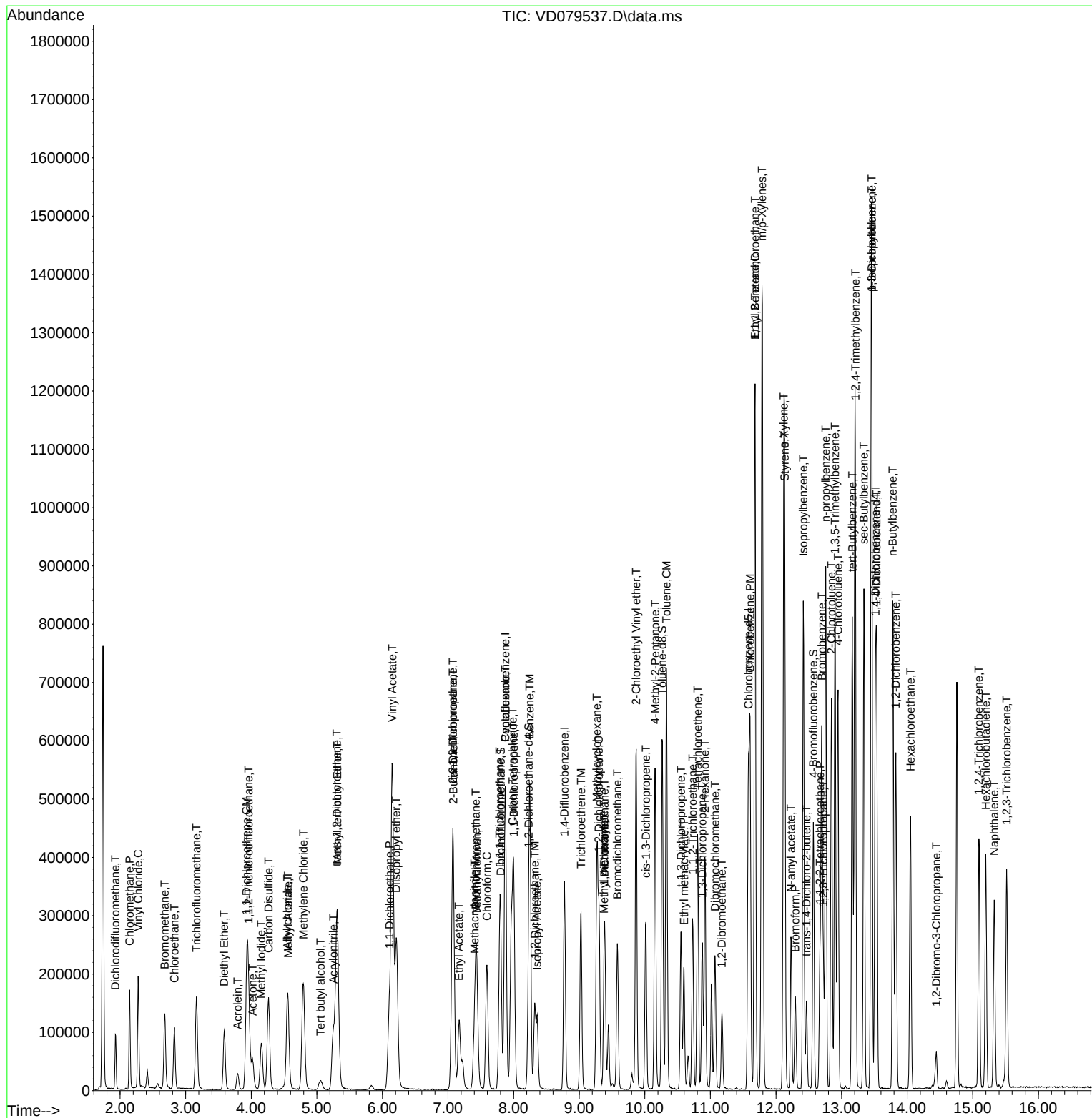
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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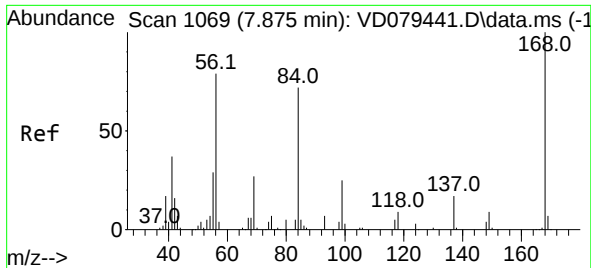
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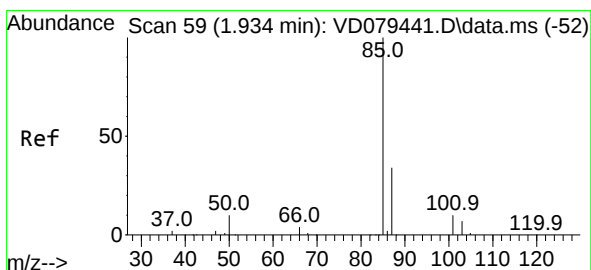
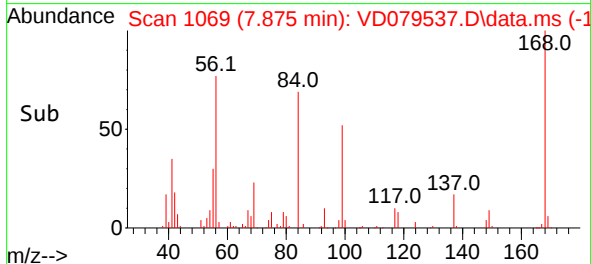
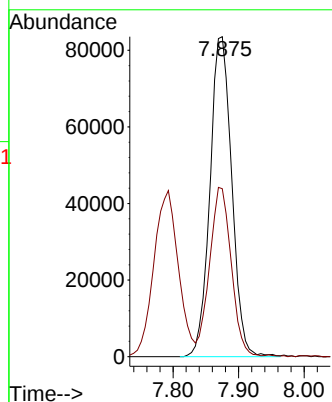
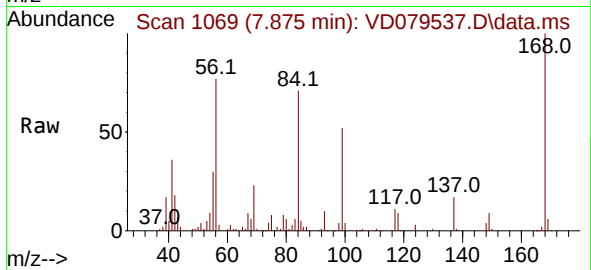




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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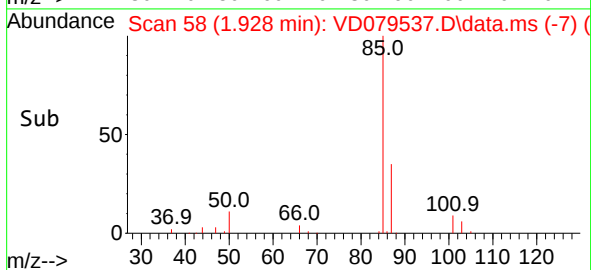
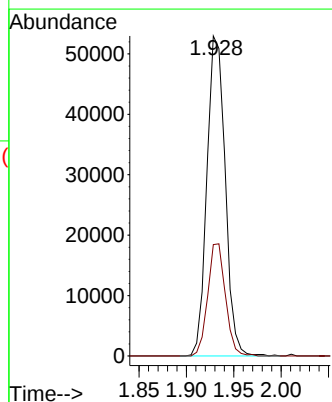
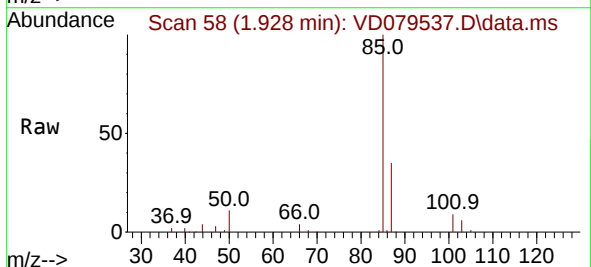
Instrument :
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ClientSampleId :
VSTDCCC050EC

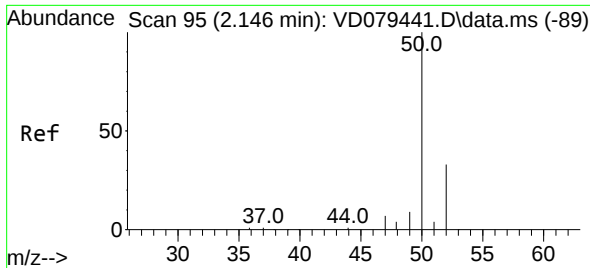
Tgt Ion:168 Resp: 192741
Ion Ratio Lower Upper
168 100
99 52.3 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 46.952 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 85 Resp: 70906
Ion Ratio Lower Upper
85 100
87 34.8 16.0 48.0

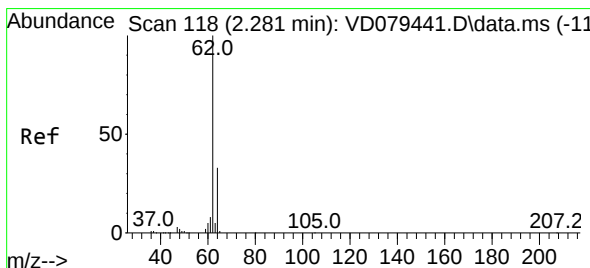
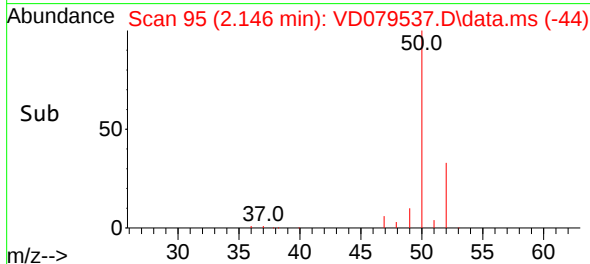
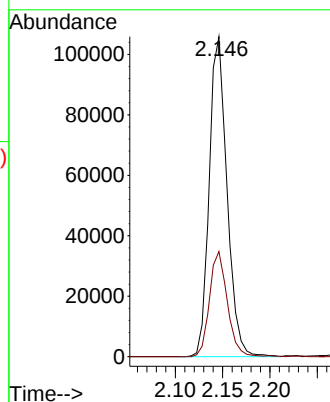
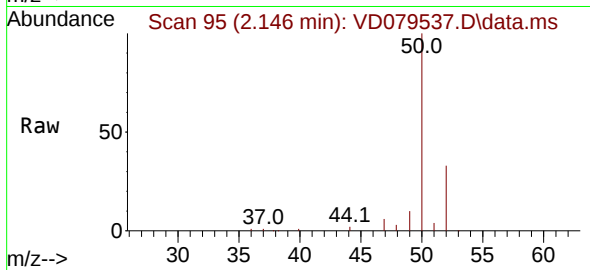




#3
Chloromethane
Concen: 49.621 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

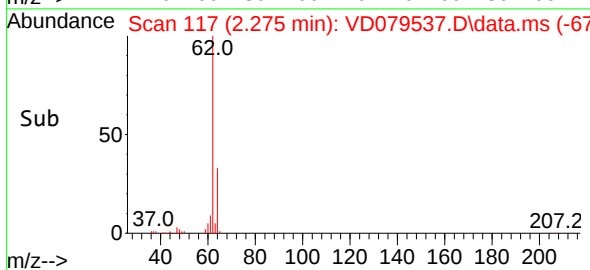
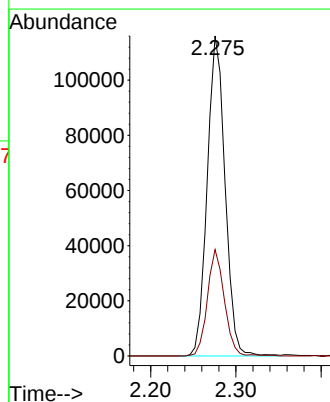
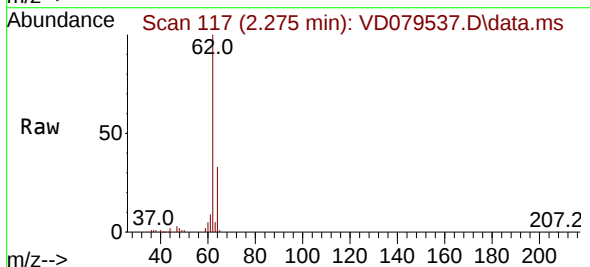
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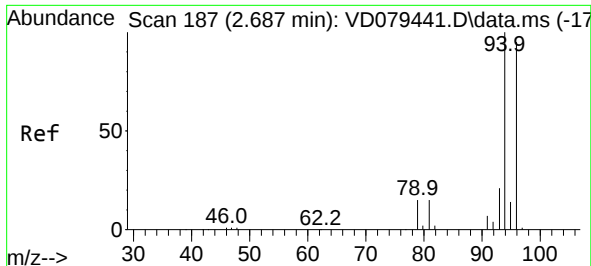
Tgt Ion: 50 Resp: 138074
Ion Ratio Lower Upper
50 100
52 32.9 28.2 42.2



#4
Vinyl Chloride
Concen: 50.985 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 62 Resp: 168685
Ion Ratio Lower Upper
62 100
64 33.3 26.3 39.5

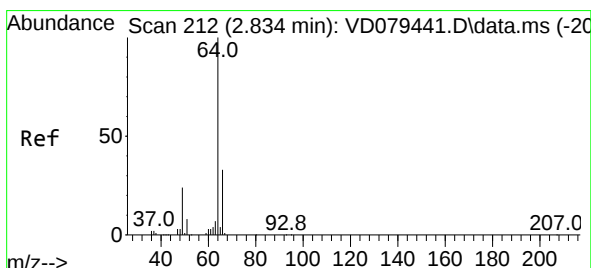
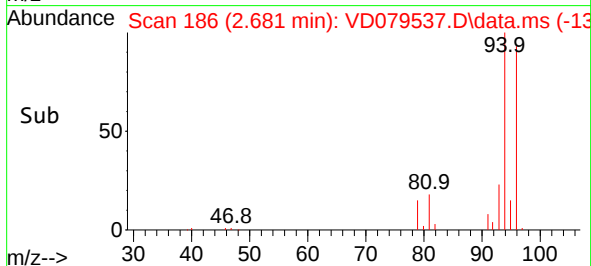
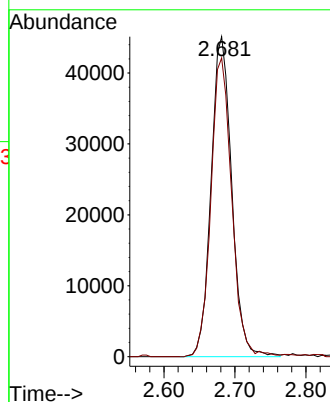
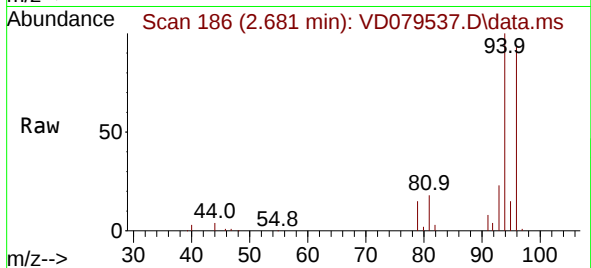




#5
Bromomethane
Concen: 43.199 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079537.D
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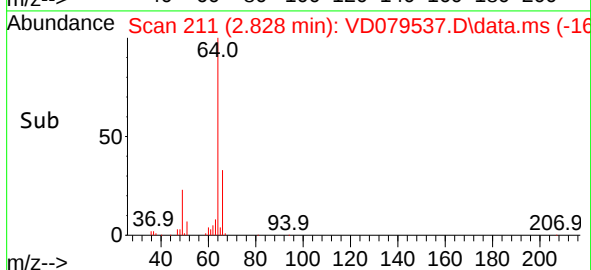
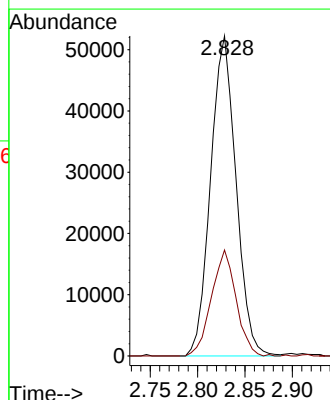
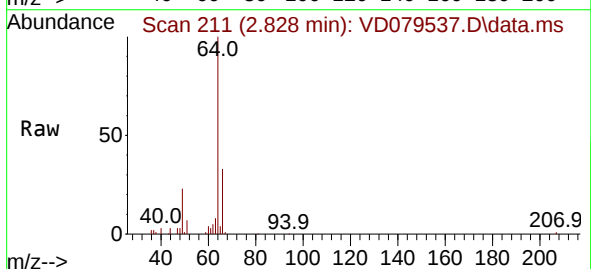
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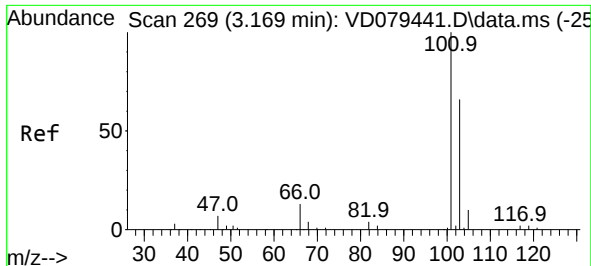
Tgt Ion: 94 Resp: 90960
Ion Ratio Lower Upper
94 100
96 94.1 76.9 115.3



#6
Chloroethane
Concen: 45.963 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079537.D
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Tgt Ion: 64 Resp: 97717
Ion Ratio Lower Upper
64 100
66 33.1 24.5 36.7

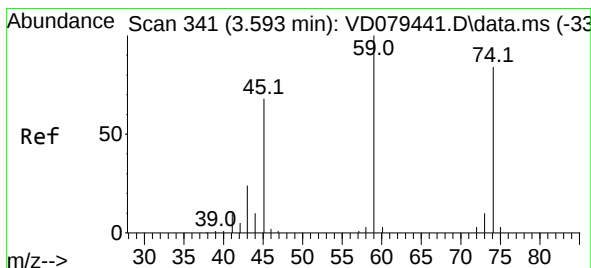
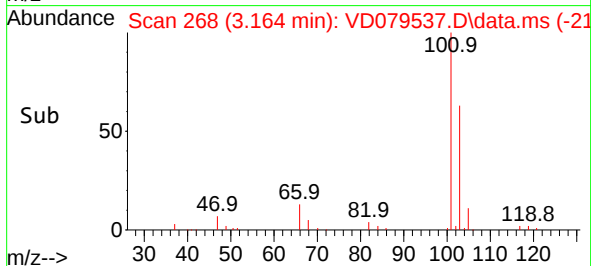
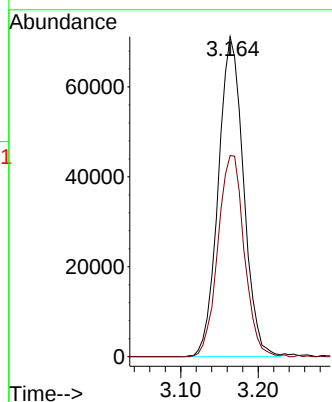
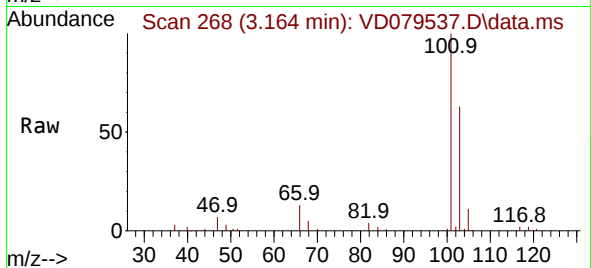




#7
Trichlorofluoromethane
Concen: 48.950 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

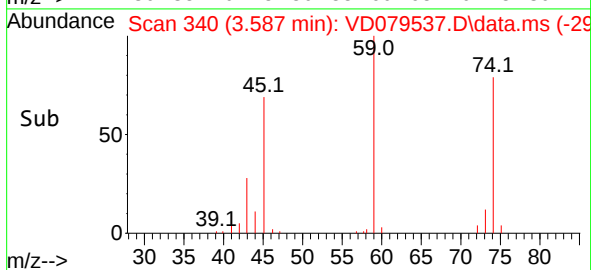
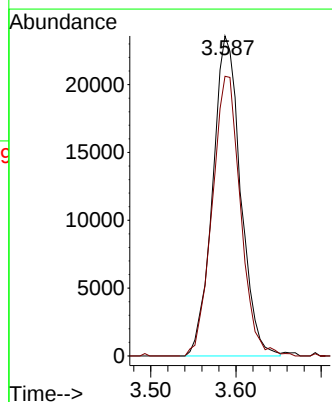
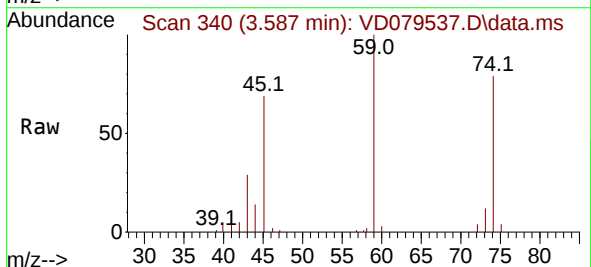
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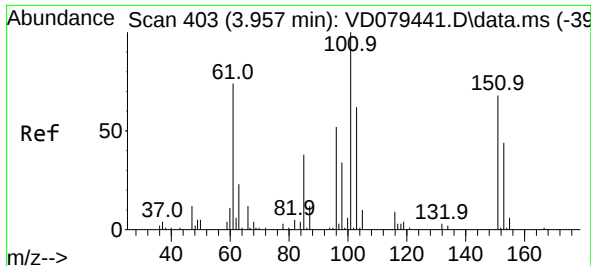
Tgt Ion:101 Resp: 161058
Ion Ratio Lower Upper
101 100
103 62.8 53.2 79.8



#8
Diethyl Ether
Concen: 54.031 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 74 Resp: 53702
Ion Ratio Lower Upper
74 100
45 88.7 37.9 113.6

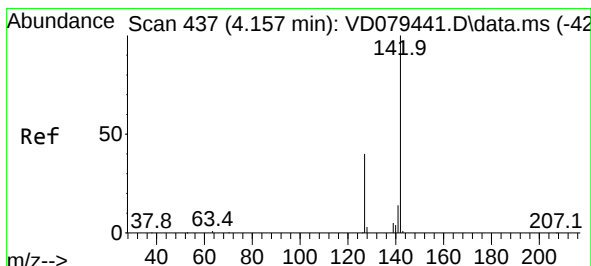
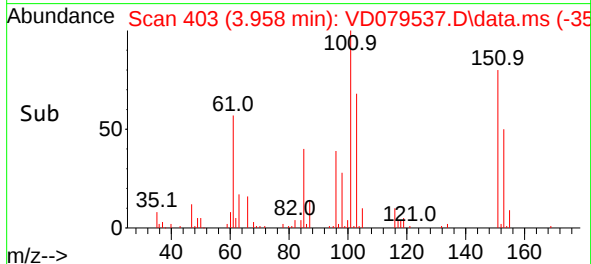
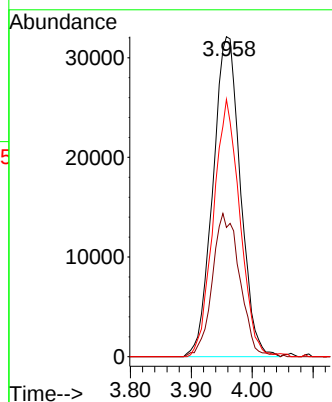
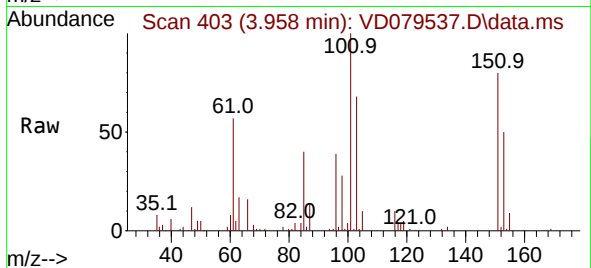




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.446 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

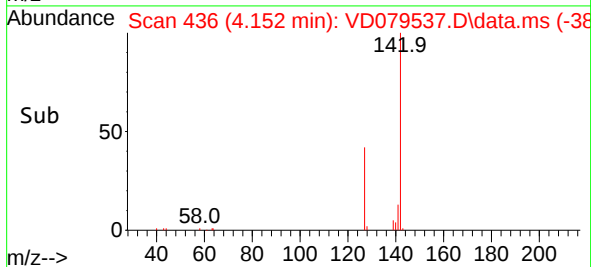
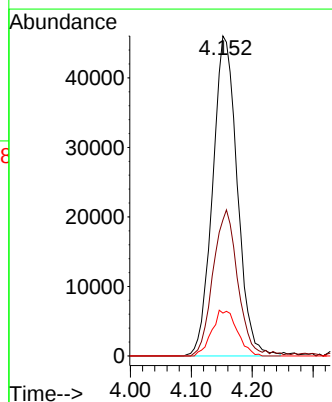
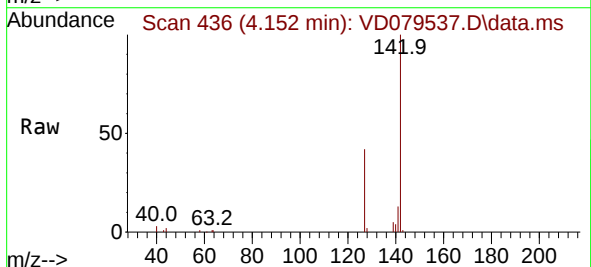
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 100817
Ion Ratio Lower Upper
101 100
85 44.6 33.5 50.3
151 77.2 60.3 90.5



#10
Methyl Iodide
Concen: 50.991 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:142 Resp: 129233
Ion Ratio Lower Upper
142 100
127 46.1 34.2 51.4
141 14.7 11.7 17.5

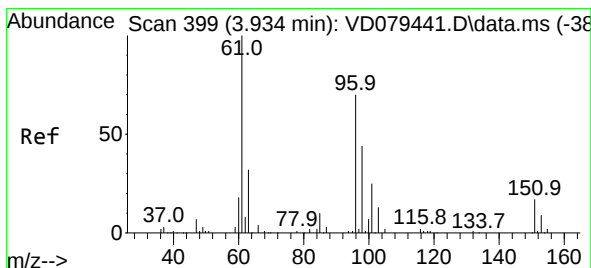
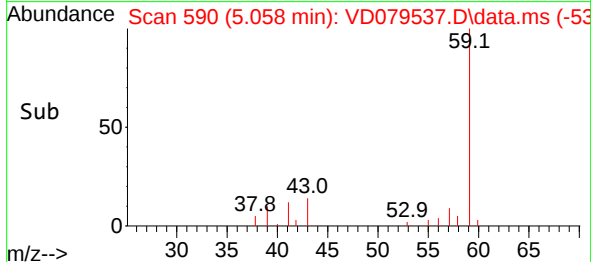
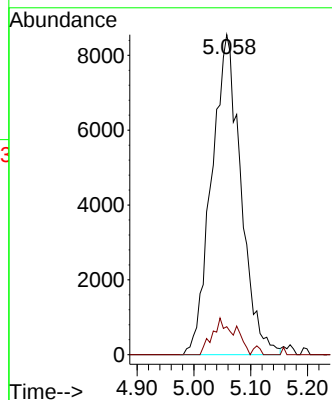
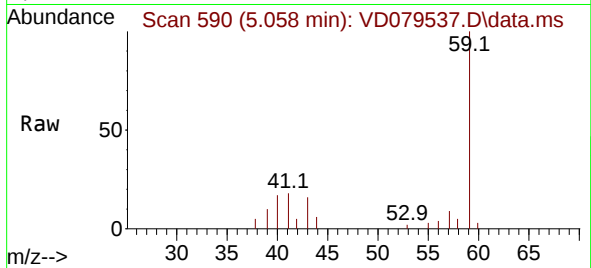




#11
Tert butyl alcohol
Concen: 336.700 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

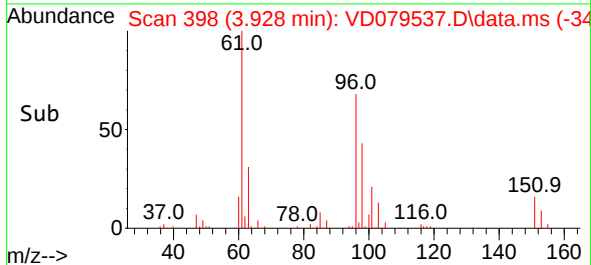
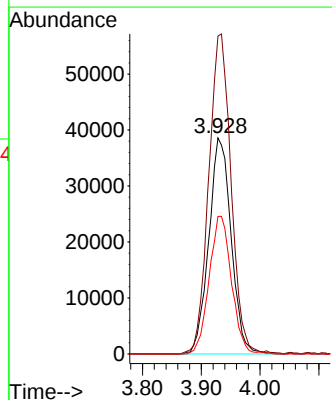
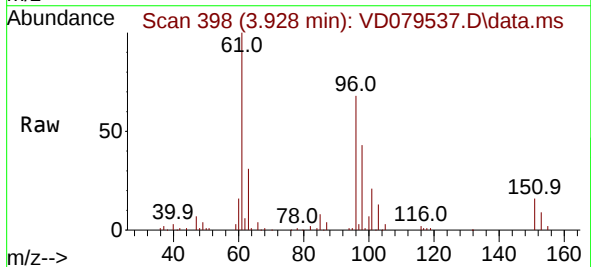
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

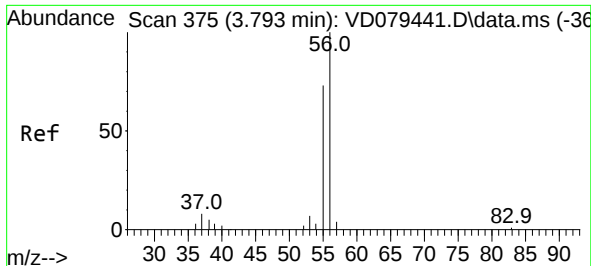
Tgt Ion: 59 Resp: 30613
Ion Ratio Lower Upper
59 100
57 6.6 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 48.972 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 96 Resp: 101985
Ion Ratio Lower Upper
96 100
61 147.2 107.3 160.9
98 63.7 51.7 77.5





#13

Acrolein

Concen: 226.919 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

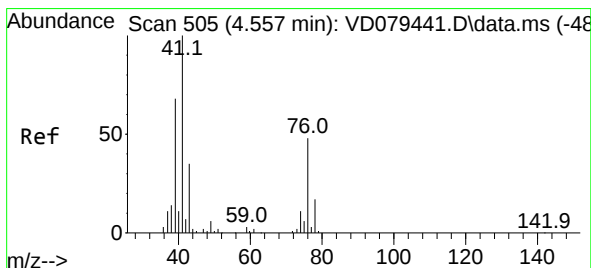
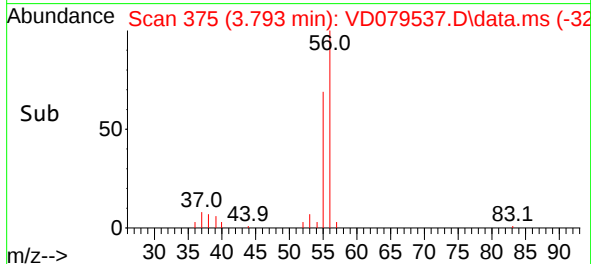
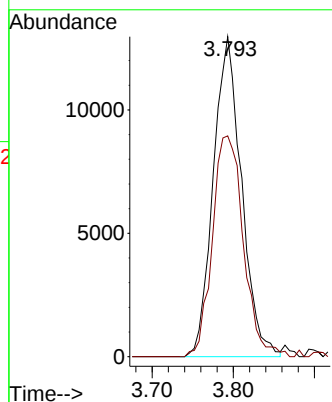
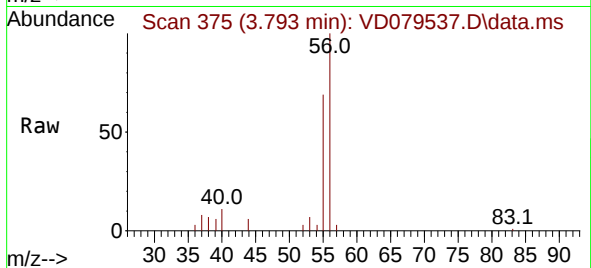
VSTDCCC050EC

Tgt Ion: 56 Resp: 31370

Ion Ratio Lower Upper

56 100

55 75.6 55.3 82.9



#14

Allyl chloride

Concen: 49.896 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

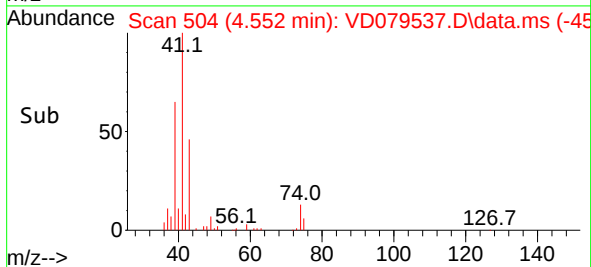
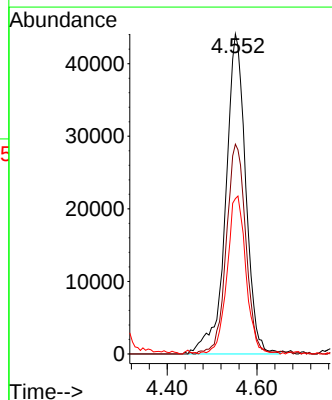
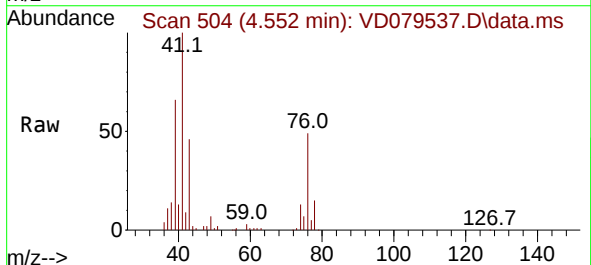
Tgt Ion: 41 Resp: 137212

Ion Ratio Lower Upper

41 100

39 63.9 58.0 87.0

76 46.7 45.9 68.9

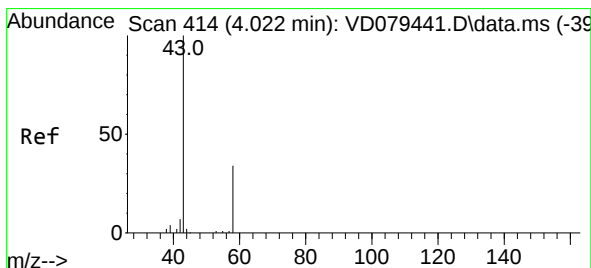
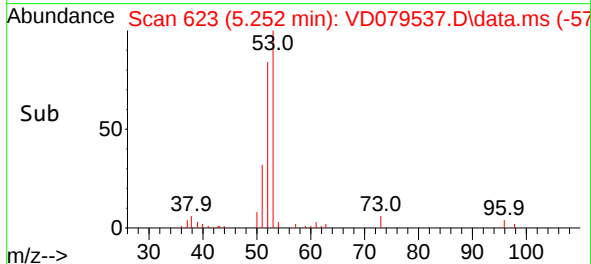
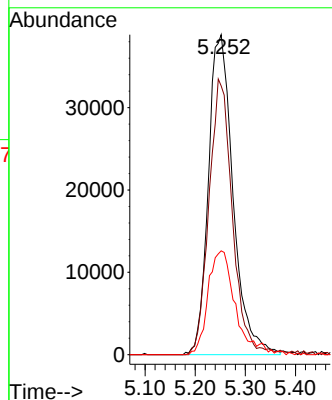
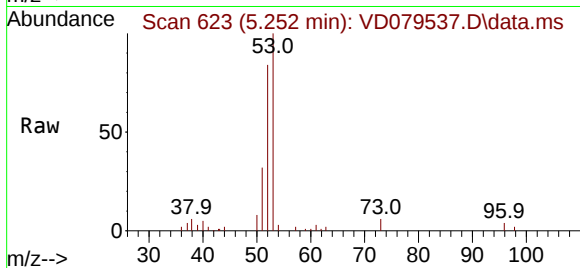




#15
Acrylonitrile
Concen: 286.689 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

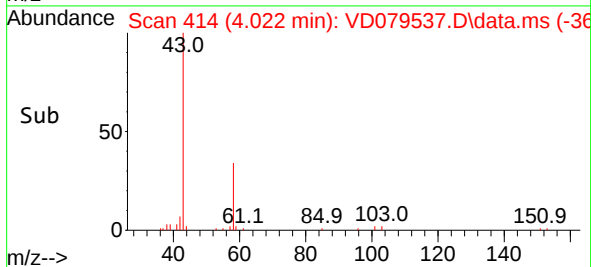
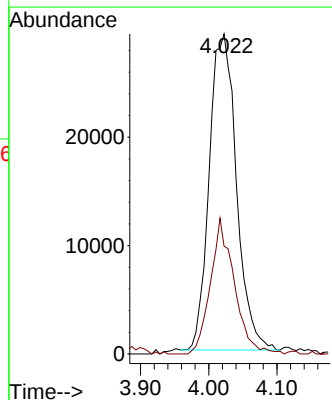
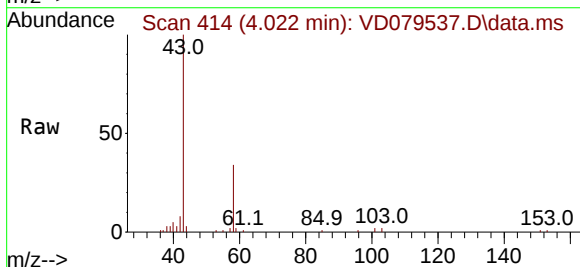
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

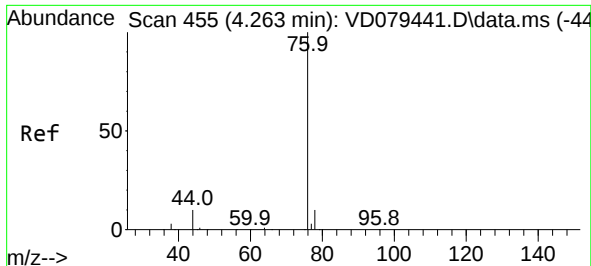
Tgt Ion: 53 Resp: 133149
Ion Ratio Lower Upper
53 100
52 81.4 67.7 101.5
51 35.6 28.6 42.8



#16
Acetone
Concen: 212.580 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 43 Resp: 80894
Ion Ratio Lower Upper
43 100
58 34.1 30.4 45.6

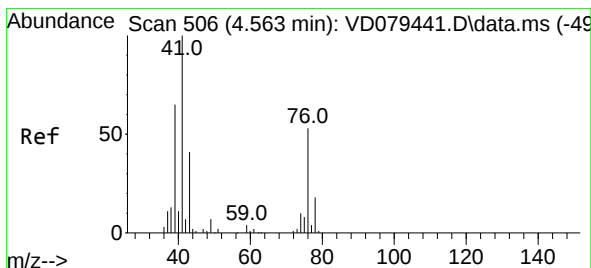
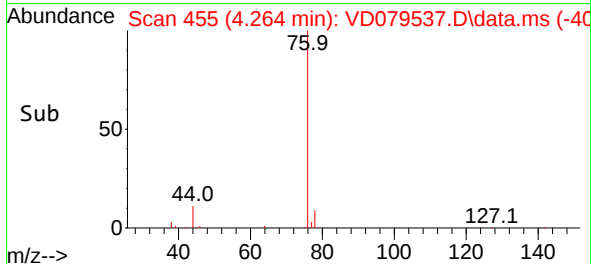
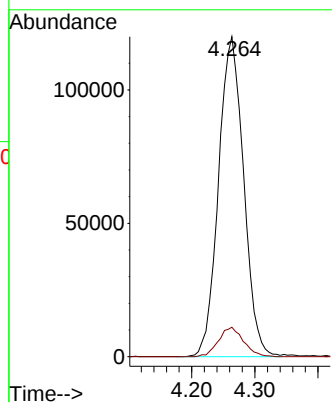
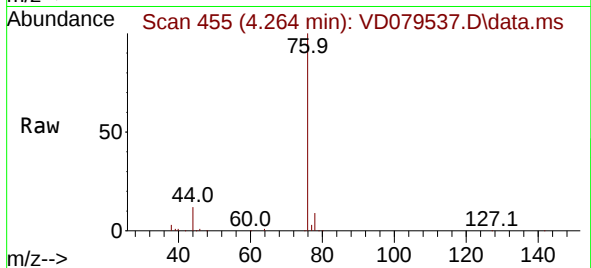




#17
Carbon Disulfide
Concen: 48.263 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

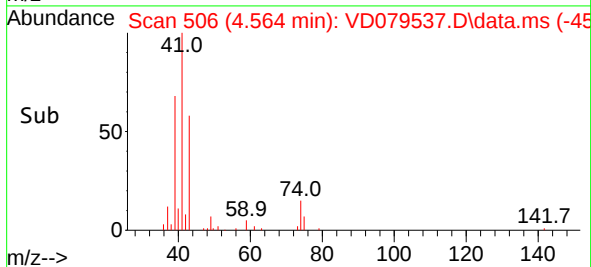
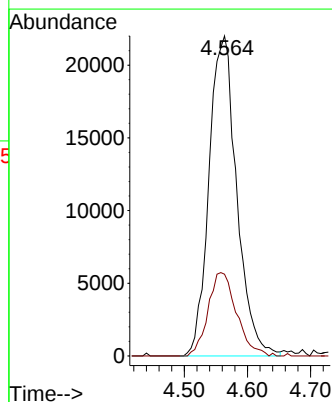
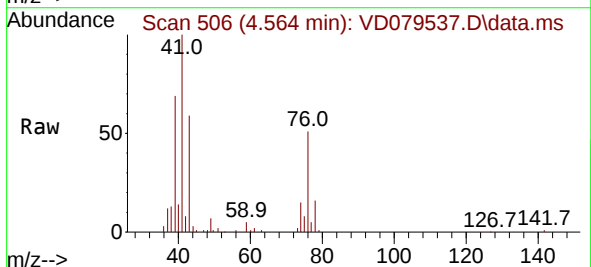
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

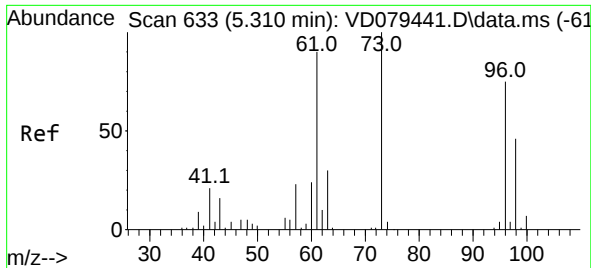
Tgt Ion: 76 Resp: 331766
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 56.812 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 43 Resp: 67122
Ion Ratio Lower Upper
43 100
74 26.7 28.1 42.1#

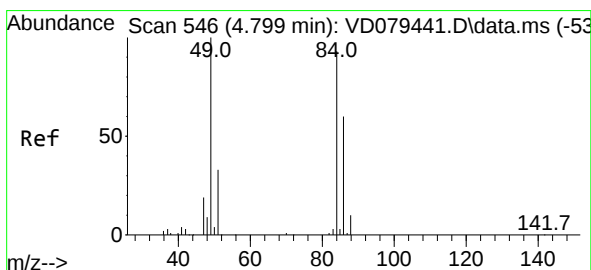
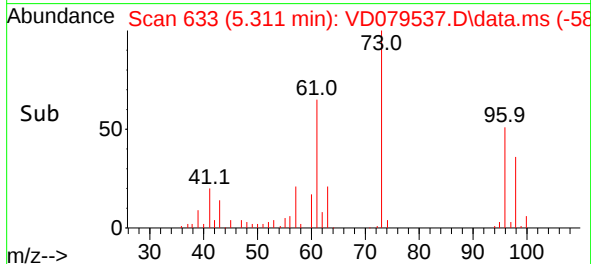
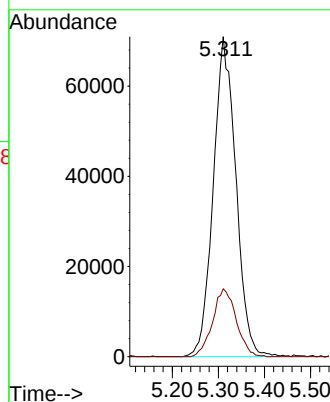
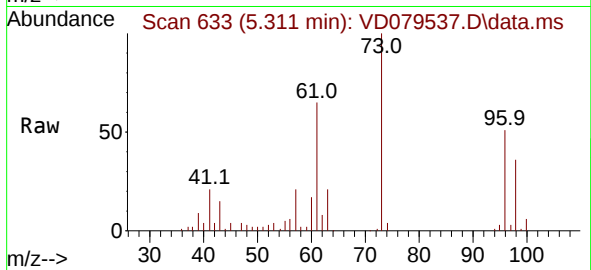




#19
Methyl tert-butyl Ether
Concen: 56.776 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

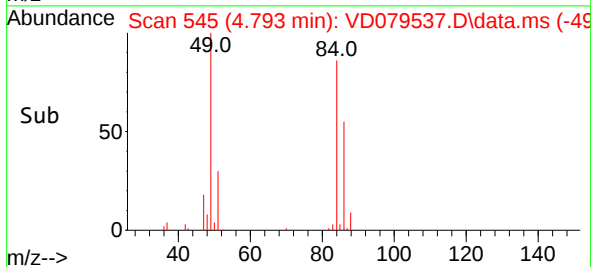
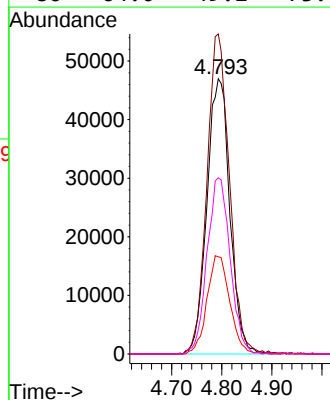
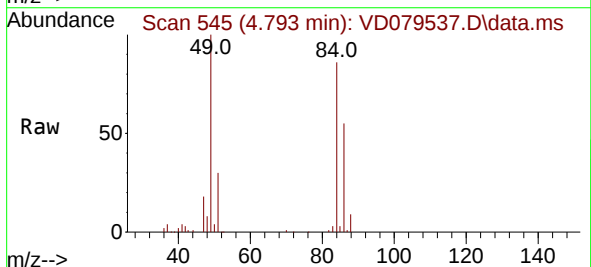
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

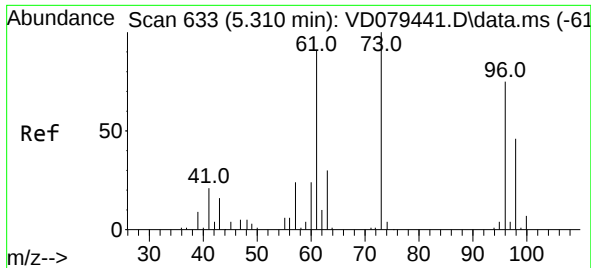
Tgt Ion: 73 Resp: 241349
Ion Ratio Lower Upper
73 100
57 21.2 18.3 27.5



#20
Methylene Chloride
Concen: 54.269 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 84 Resp: 149765
Ion Ratio Lower Upper
84 100
49 116.0 75.6 113.4#
51 35.3 24.2 36.2
86 64.0 49.2 73.8

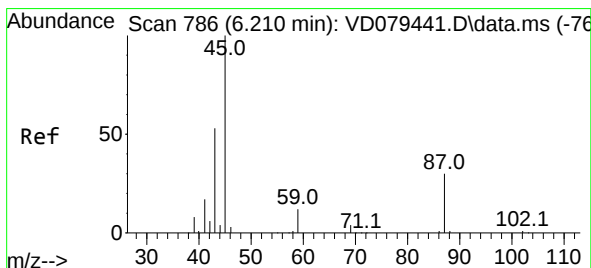
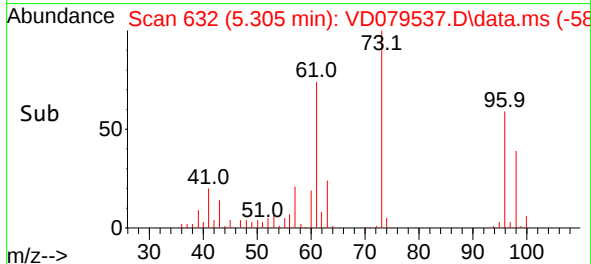
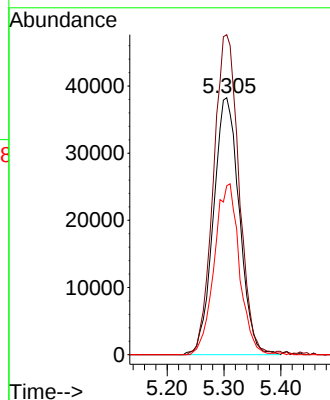
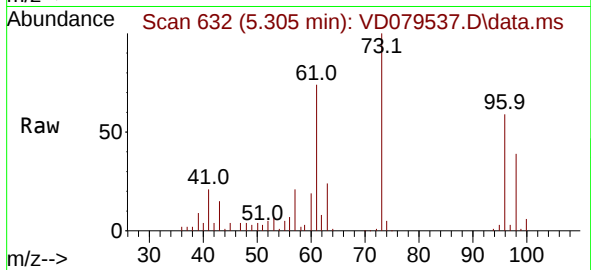




#21
trans-1,2-Dichloroethene
Concen: 51.731 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

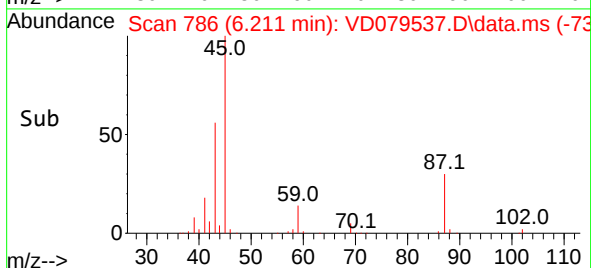
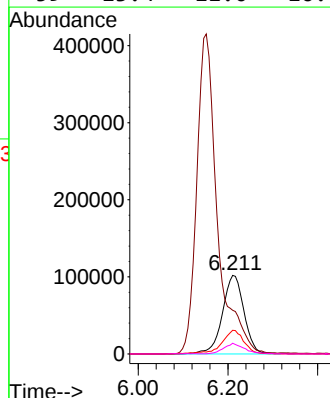
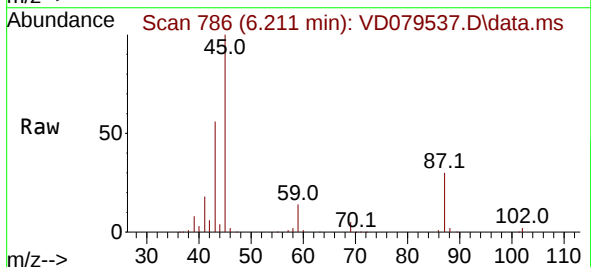
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

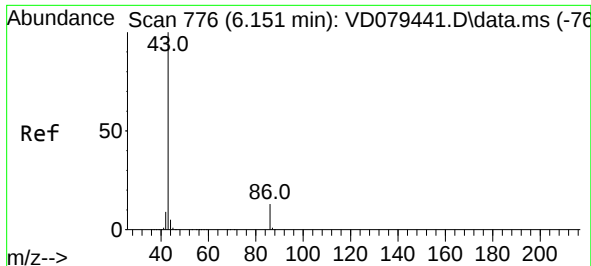
Tgt Ion: 96 Resp: 121024
Ion Ratio Lower Upper
96 100
61 124.6 84.5 126.7
98 65.8 50.5 75.7



#22
Diisopropyl ether
Concen: 55.676 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 45 Resp: 340664
Ion Ratio Lower Upper
45 100
43 54.1 41.7 62.5
87 29.9 30.2 45.2#
59 13.4 11.0 16.6

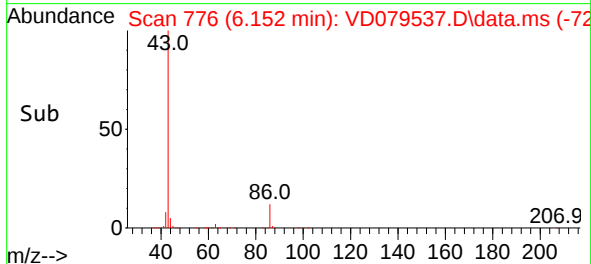
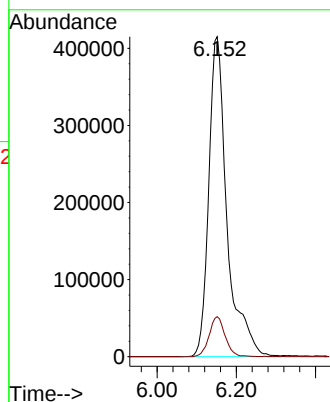
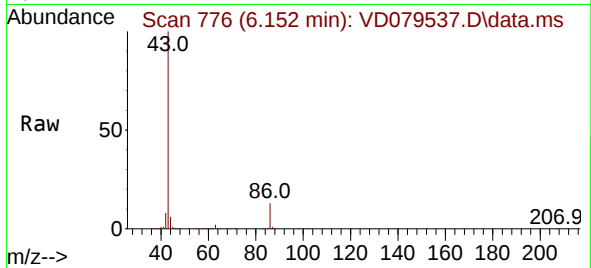




#23
 Vinyl Acetate
 Concen: 288.337 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

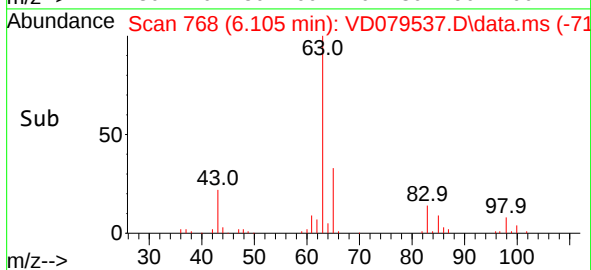
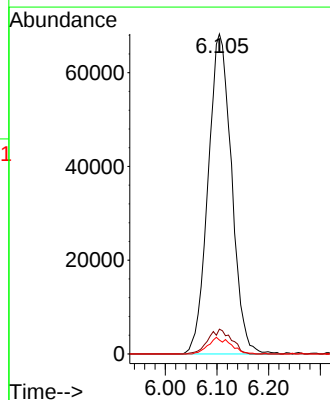
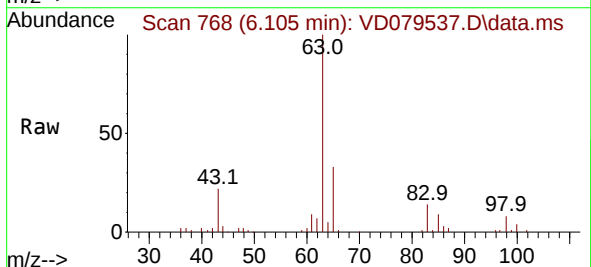
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

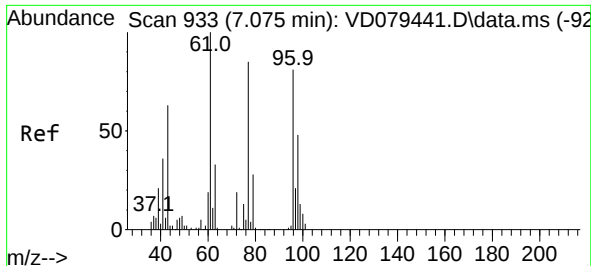
Tgt Ion: 43 Resp: 1326206
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 52.474 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

Tgt Ion: 63 Resp: 215161
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.7 14.0
 100 4.4 2.9 8.6

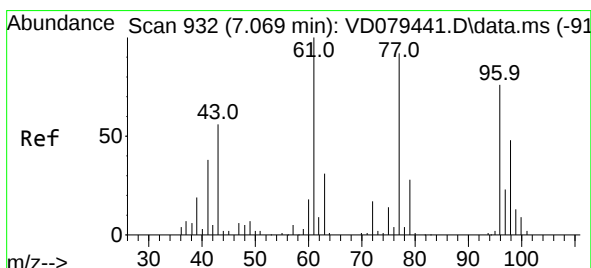
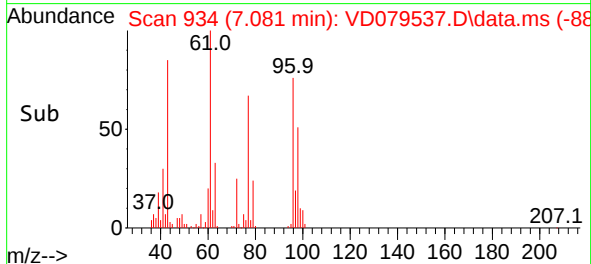
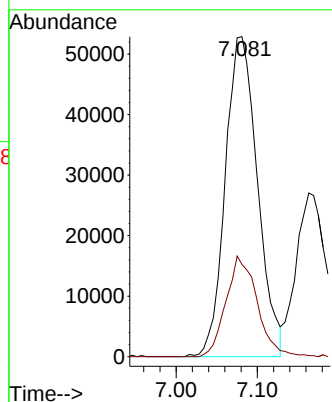
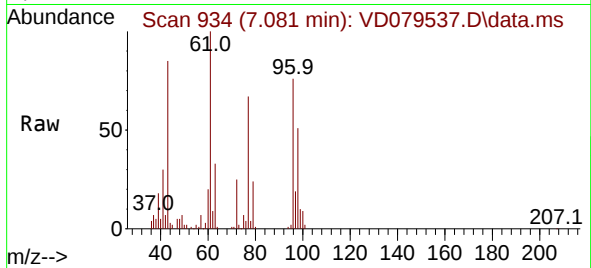




#25
2-Butanone
Concen: 270.618 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

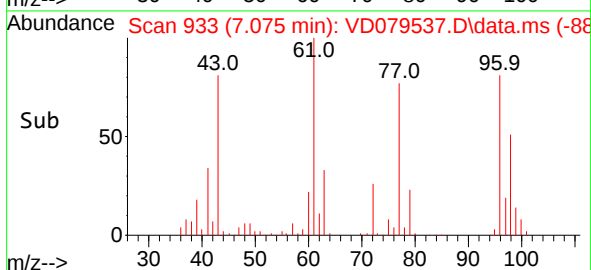
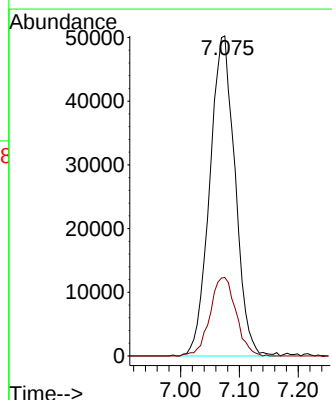
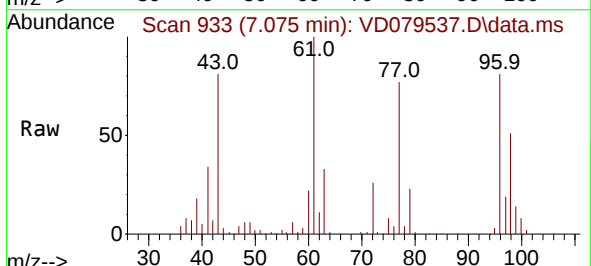
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

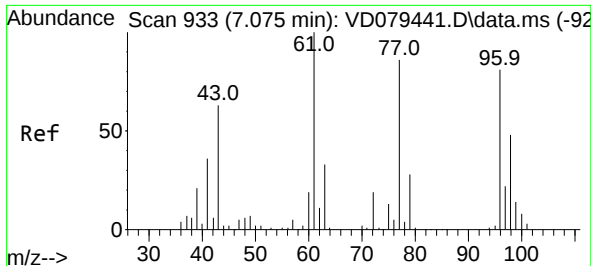
Tgt Ion: 43 Resp: 145996
Ion Ratio Lower Upper
43 100
72 28.9 26.4 39.6



#26
2,2-Dichloropropane
Concen: 45.313 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 77 Resp: 150287
Ion Ratio Lower Upper
77 100
97 25.2 12.4 37.2

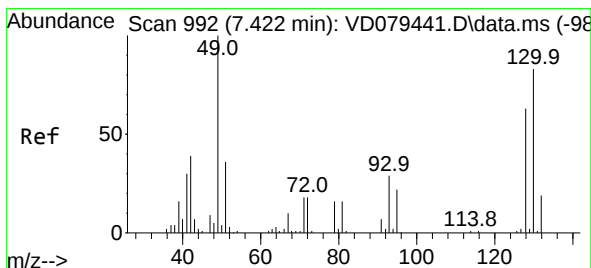
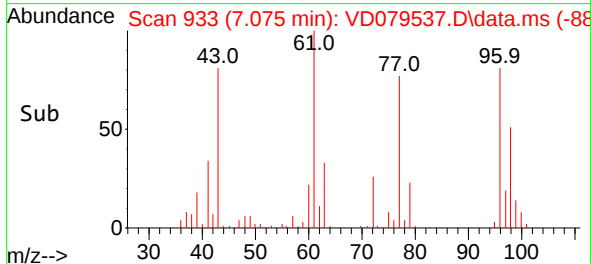
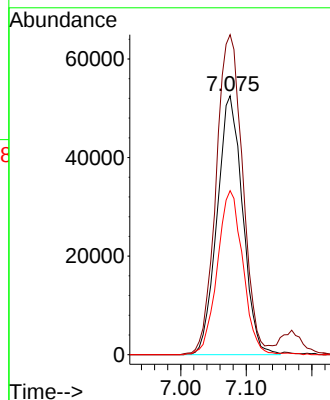
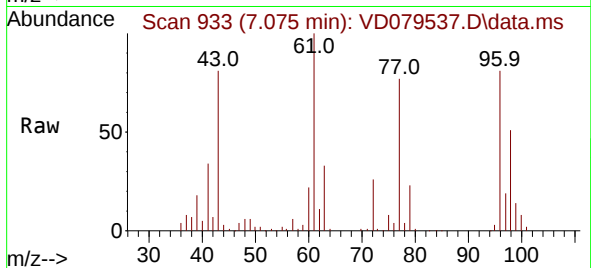




#27
 cis-1,2-Dichloroethene
 Concen: 53.043 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

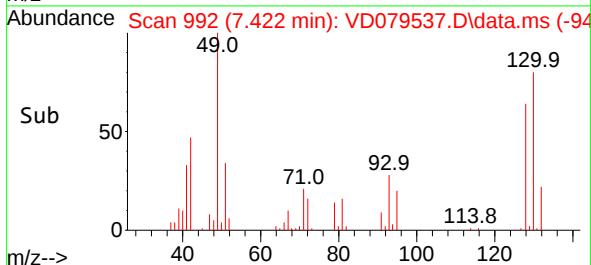
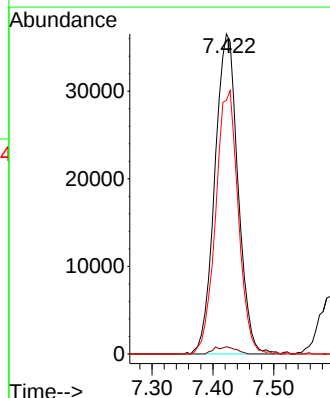
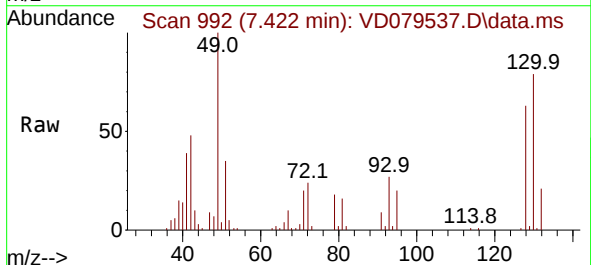
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

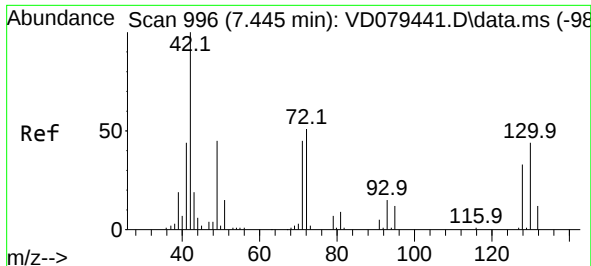
Tgt Ion: 96 Resp: 141843
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 229.0
 98 63.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 53.735 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

Tgt Ion: 49 Resp: 96618
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 7.0
 130 80.2 87.7 131.5#





#29

Tetrahydrofuran

Concen: 303.564 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

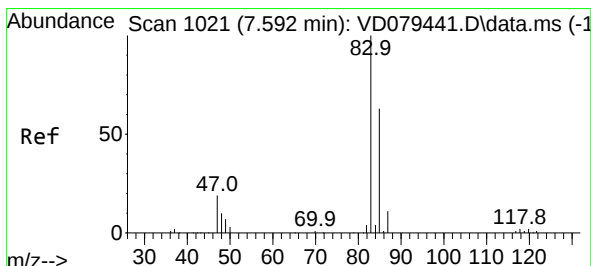
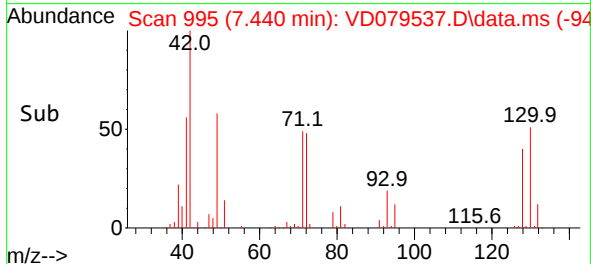
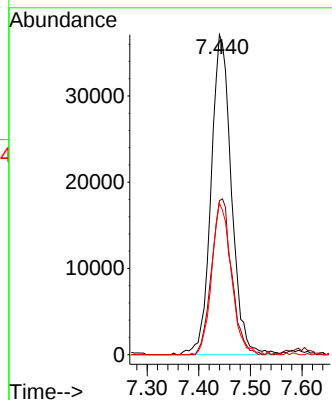
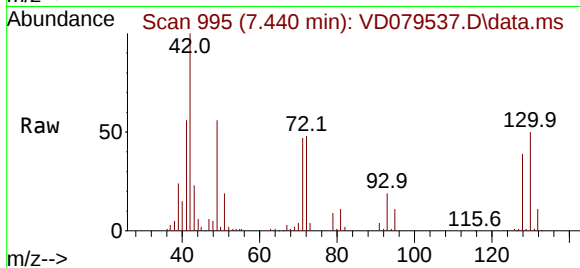
Tgt Ion: 42 Resp: 101493

Ion Ratio Lower Upper

42 100

72 48.1 49.4 74.0#

71 45.4 45.0 67.6



#30

Chloroform

Concen: 54.751 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079537.D

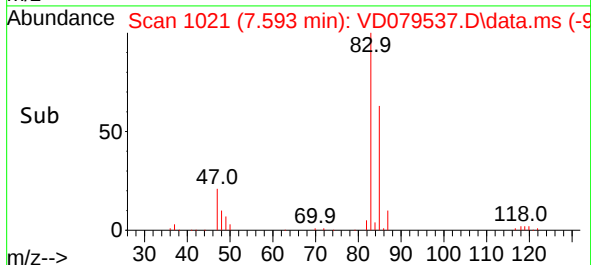
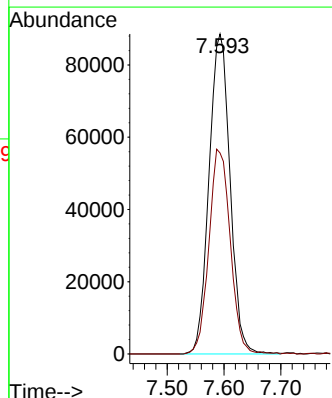
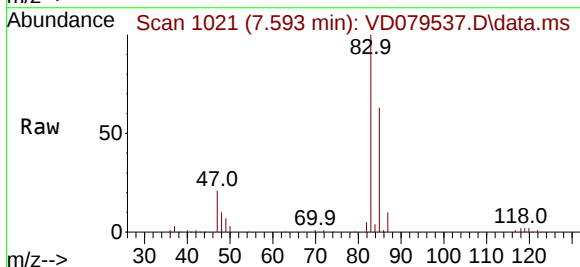
Acq: 01 Aug 2024 20:36

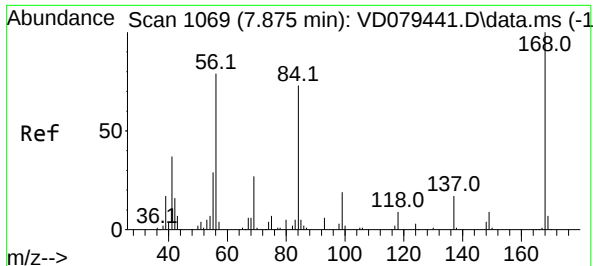
Tgt Ion: 83 Resp: 227346

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.6

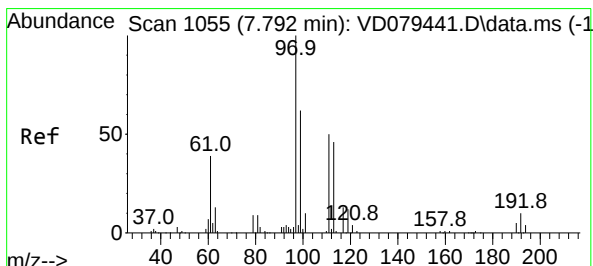
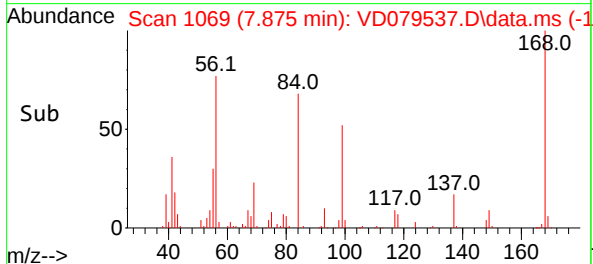
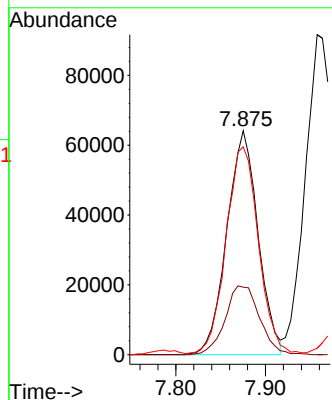
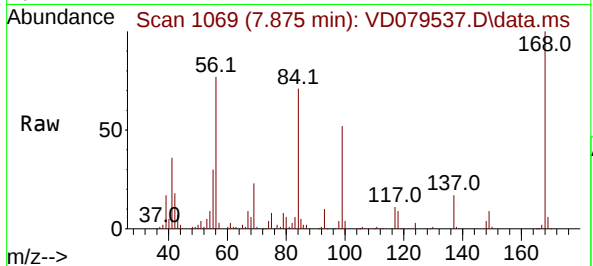




#31
Cyclohexane
Concen: 47.684 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

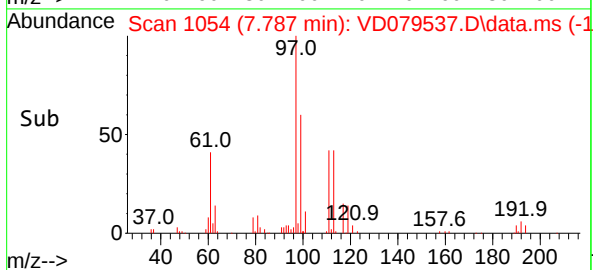
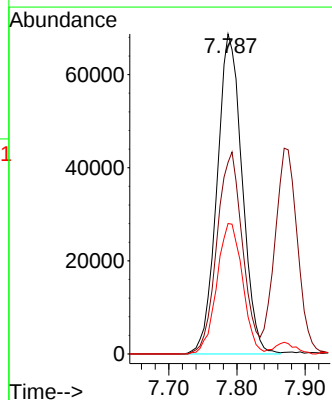
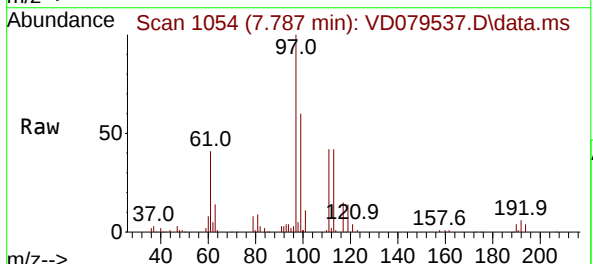
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

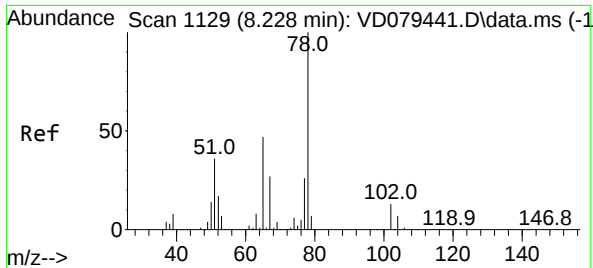
Tgt Ion: 56 Resp: 155067
Ion Ratio Lower Upper
56 100
69 29.9 28.0 42.0
84 91.8 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 51.494 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 97 Resp: 176439
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 41.6 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 53.667 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

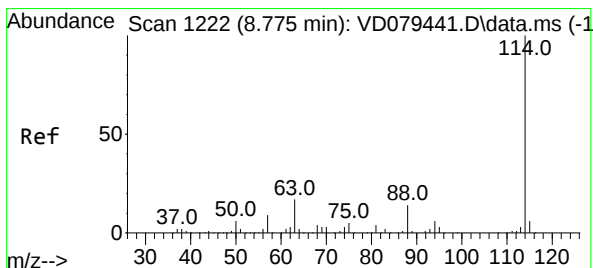
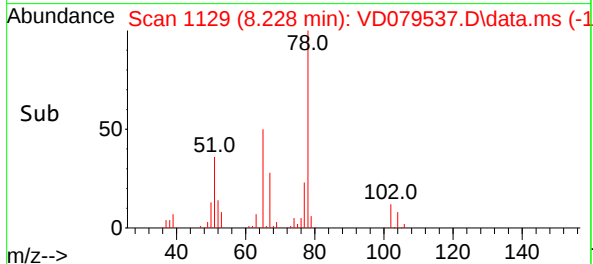
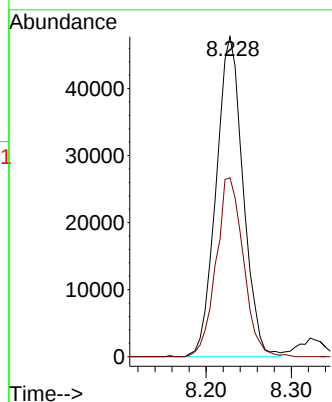
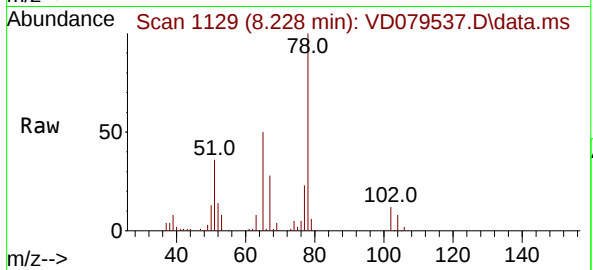
VSTDCCC050EC

Tgt Ion: 65 Resp: 105084

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

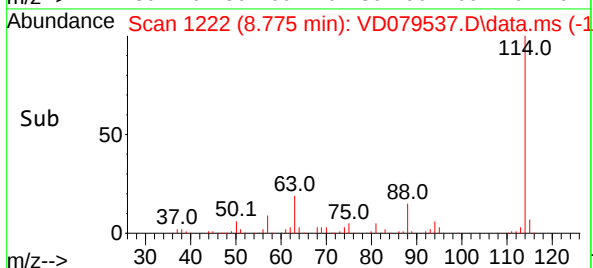
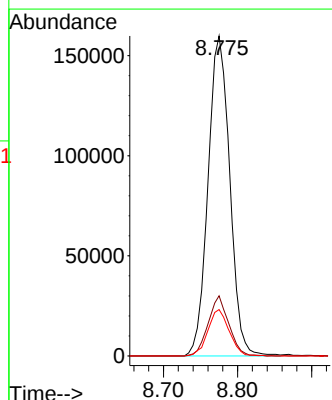
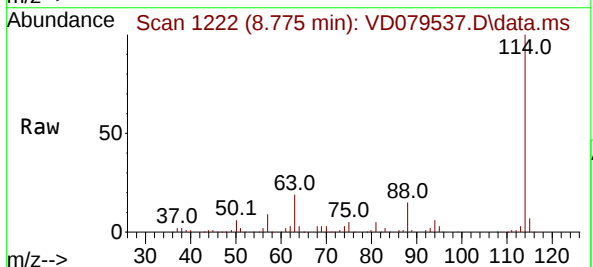
Tgt Ion: 114 Resp: 325988

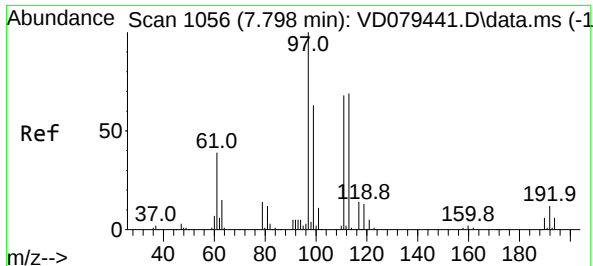
Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.756 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

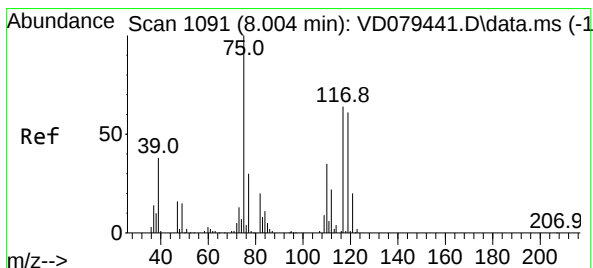
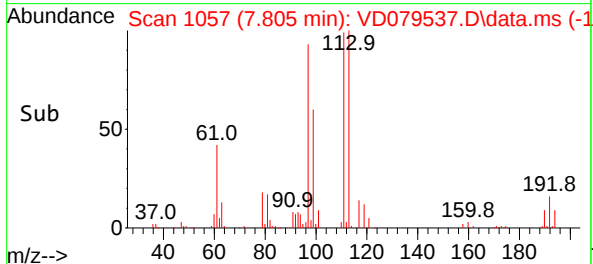
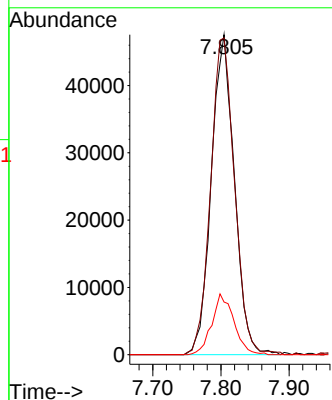
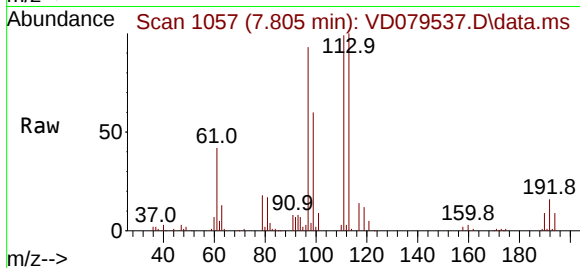
Tgt Ion:113 Resp: 111989

Ion Ratio Lower Upper

113 100

111 102.5 84.0 126.0

192 18.2 15.4 23.0



#36

1,1-Dichloropropene

Concen: 49.920 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

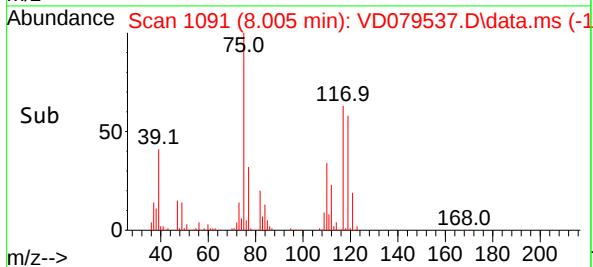
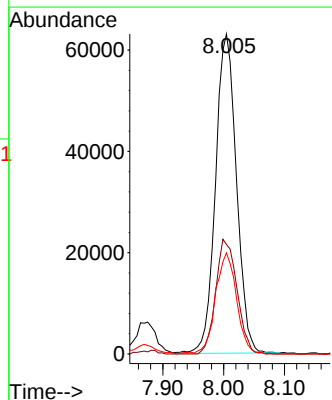
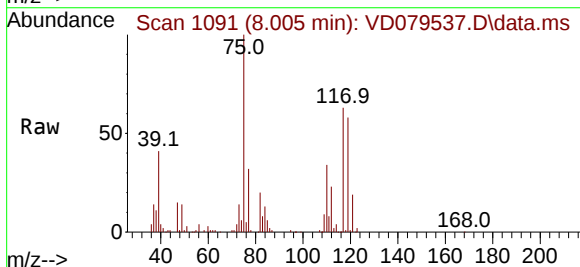
Tgt Ion: 75 Resp: 150336

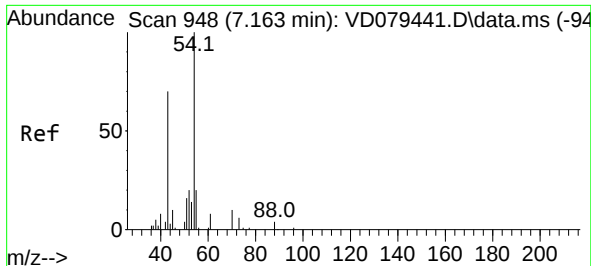
Ion Ratio Lower Upper

75 100

110 36.5 19.6 58.7

77 32.1 26.1 39.1





#37

Ethyl Acetate

Concen: 59.416 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

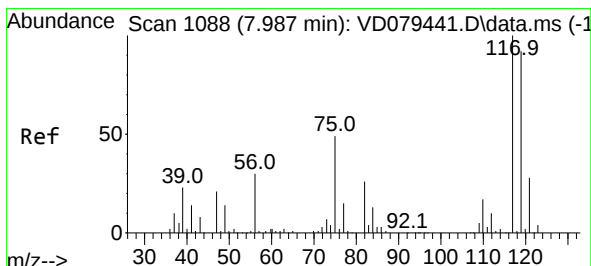
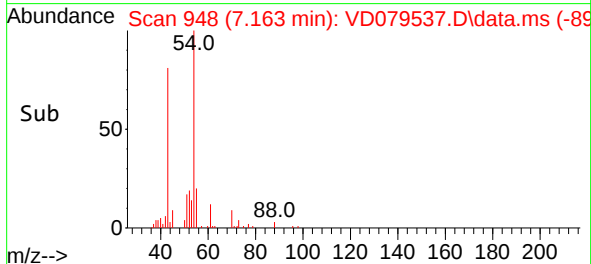
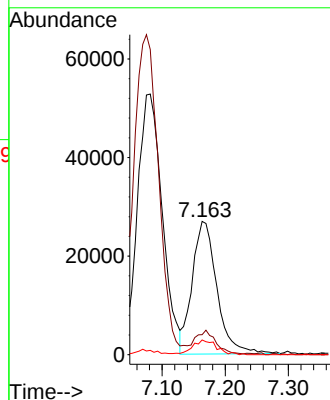
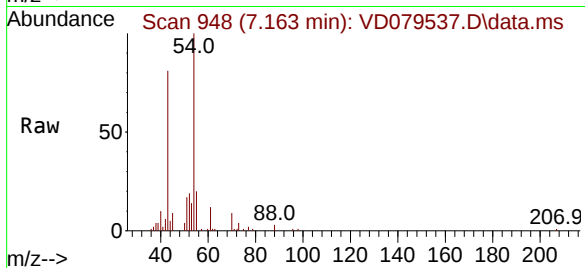
Tgt Ion: 43 Resp: 73364

Ion Ratio Lower Upper

43 100

61 14.5 13.9 20.9

70 10.8 9.8 14.6



#38

Carbon Tetrachloride

Concen: 50.576 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

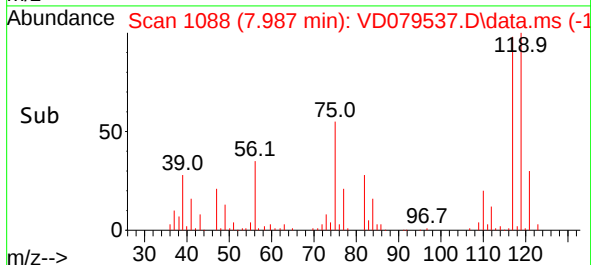
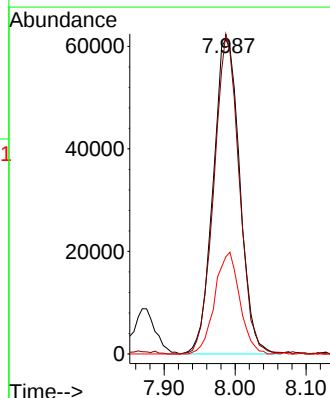
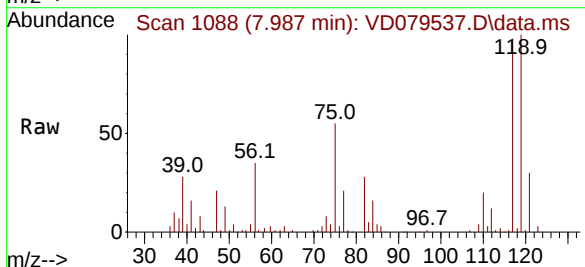
Tgt Ion: 117 Resp: 160117

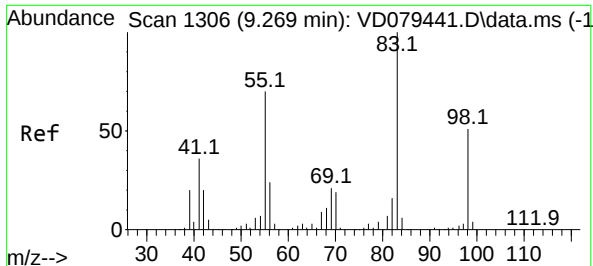
Ion Ratio Lower Upper

117 100

119 101.7 75.4 113.0

121 30.9 25.0 37.4





#39

Methylcyclohexane

Concen: 48.863 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

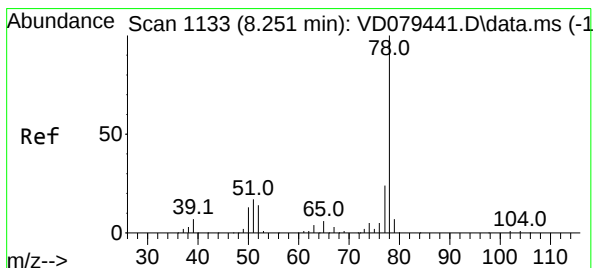
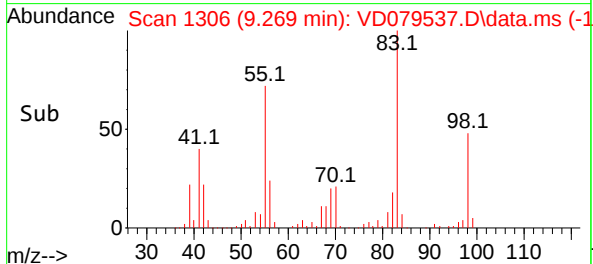
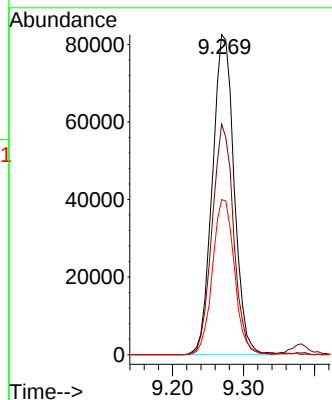
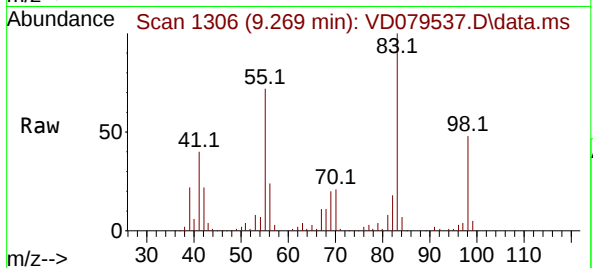
Tgt Ion: 83 Resp: 175578

Ion Ratio Lower Upper

83 100

55 72.1 50.1 75.1

98 48.5 41.9 62.9



#40

Benzene

Concen: 52.354 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079537.D

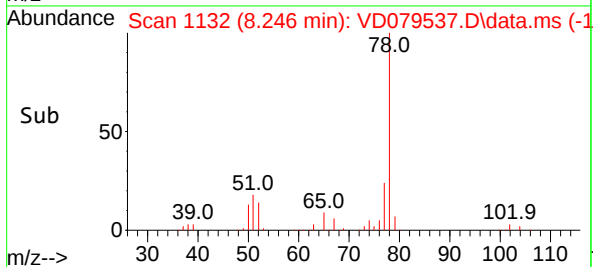
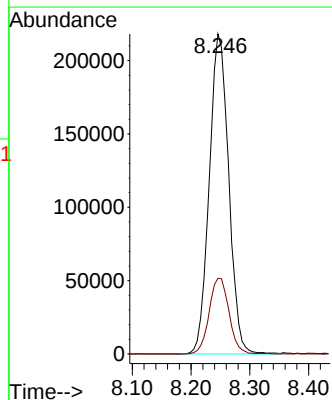
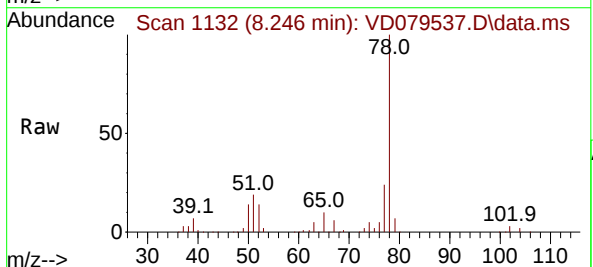
Acq: 01 Aug 2024 20:36

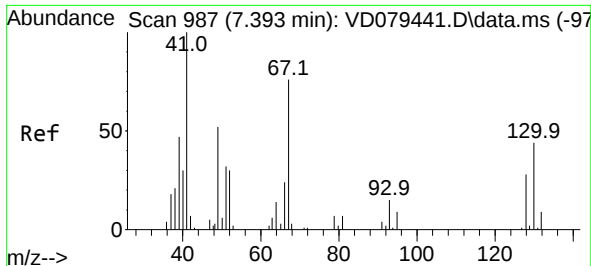
Tgt Ion: 78 Resp: 500775

Ion Ratio Lower Upper

78 100

77 23.7 18.1 27.1

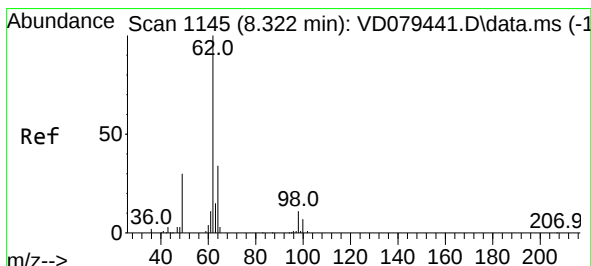
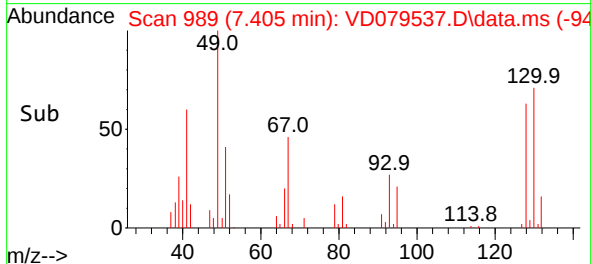
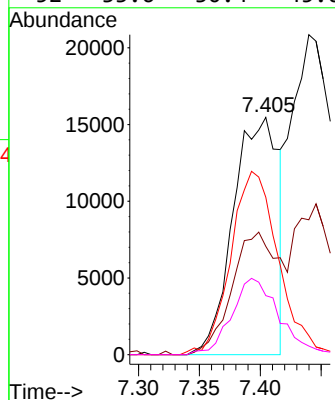
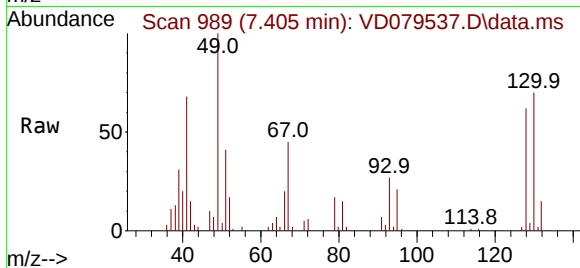




#41
Methacrylonitrile
Concen: 58.862 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

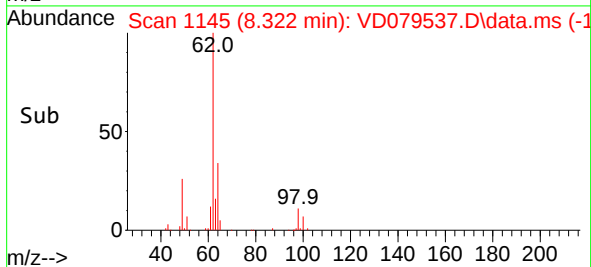
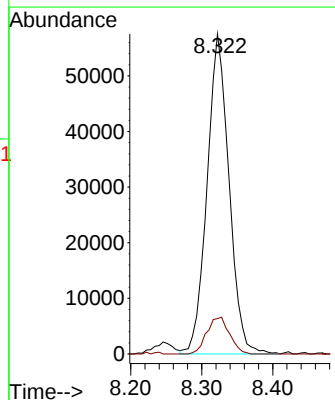
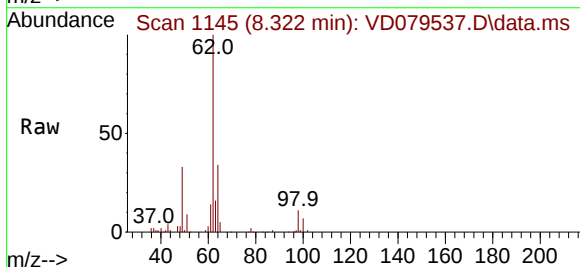
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

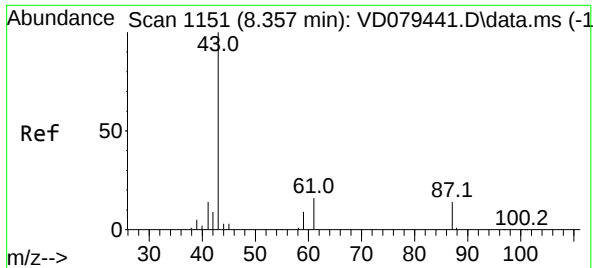
Tgt Ion:	41	Resp:	39978
Ion	Ratio	Lower	Upper
41	100		
39	55.5	41.4	62.0
67	81.0	85.8	128.6#
52	33.6	30.4	45.6



#42
1,2-Dichloroethane
Concen: 54.330 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:	62	Resp:	123837
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.8

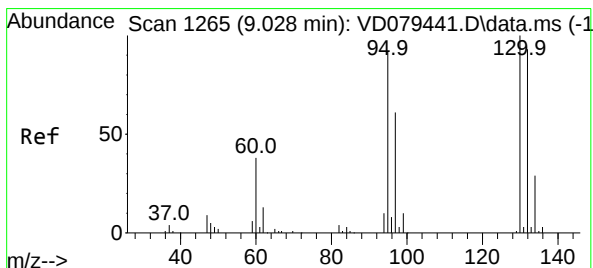
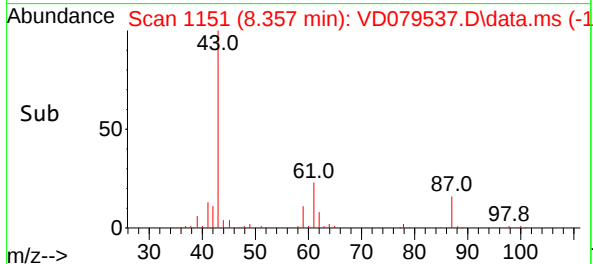
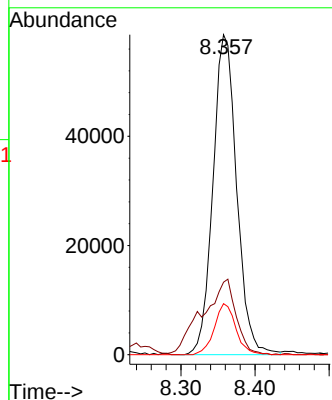
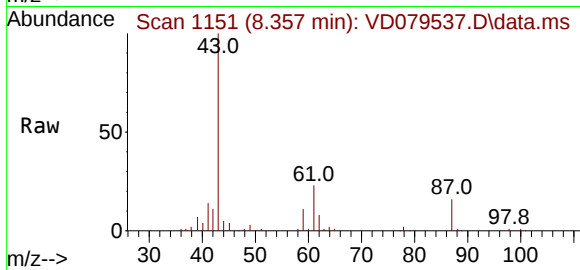




#43
Isopropyl Acetate
Concen: 56.197 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

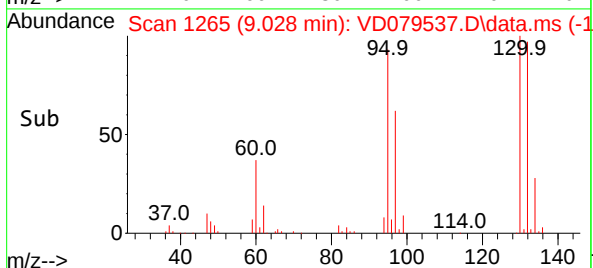
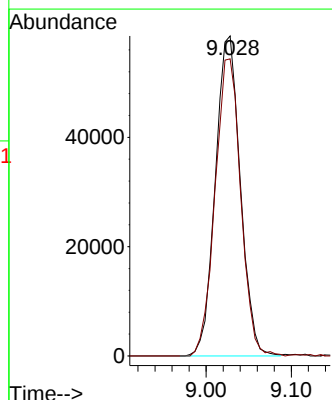
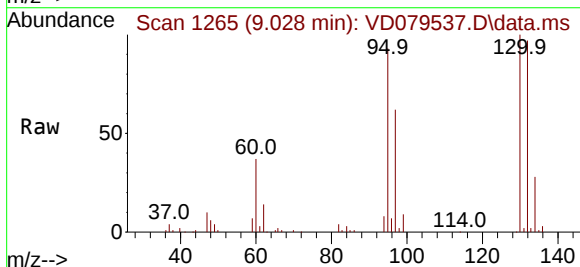
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130410
Ion Ratio Lower Upper
43 100
61 33.3 29.3 43.9
87 14.5 14.9 22.3#



#44
Trichloroethene
Concen: 50.106 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:130 Resp: 119308
Ion Ratio Lower Upper
130 100
95 92.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 53.964 ug/l

RT: 9.299 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

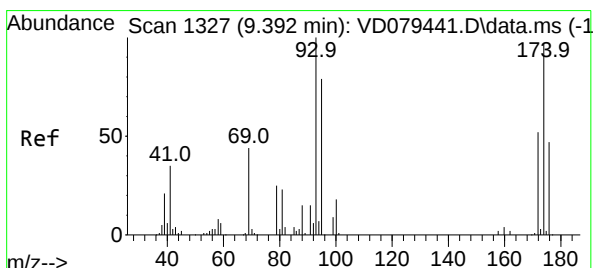
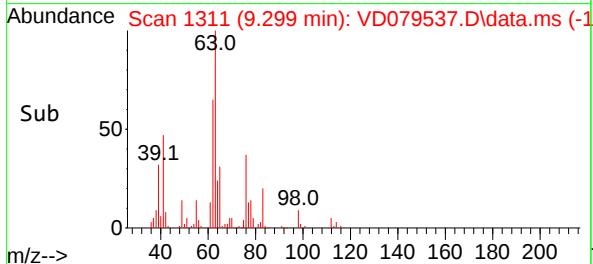
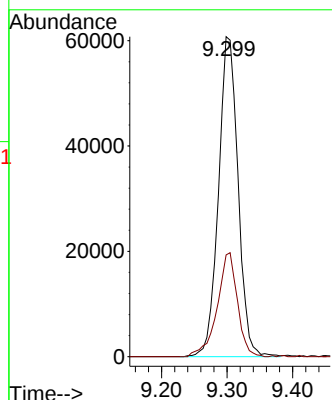
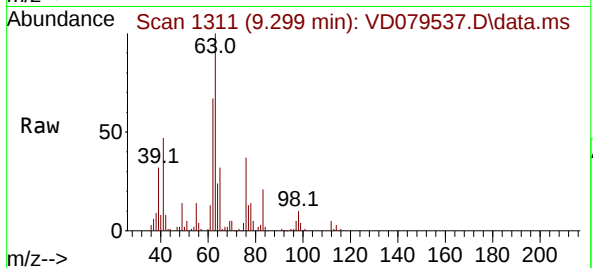
VSTDC0050EC

Tgt Ion: 63 Resp: 125616

Ion Ratio Lower Upper

63 100

65 31.8 23.8 35.8



#46

Dibromomethane

Concen: 54.688 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.006 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

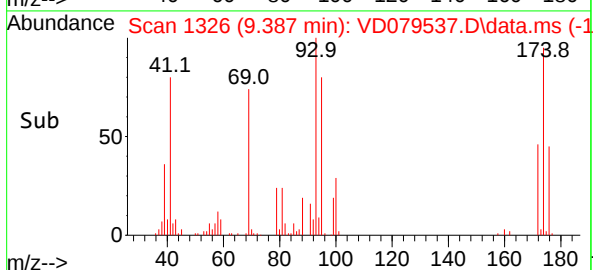
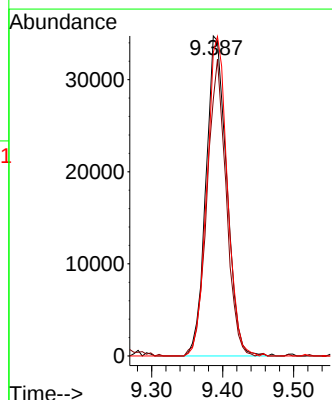
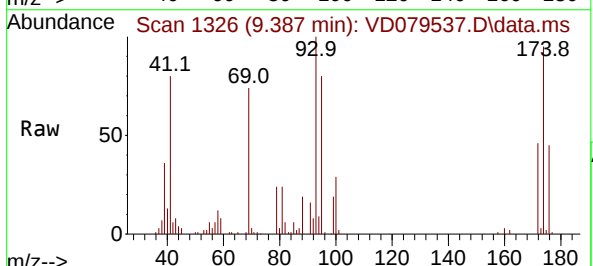
Tgt Ion: 93 Resp: 70573

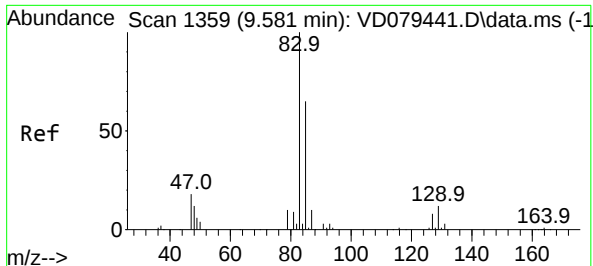
Ion Ratio Lower Upper

93 100

95 85.4 65.6 98.4

174 98.0 82.3 123.5

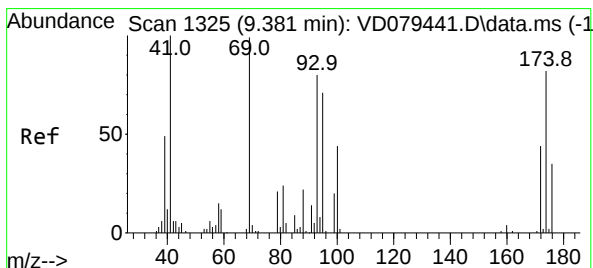
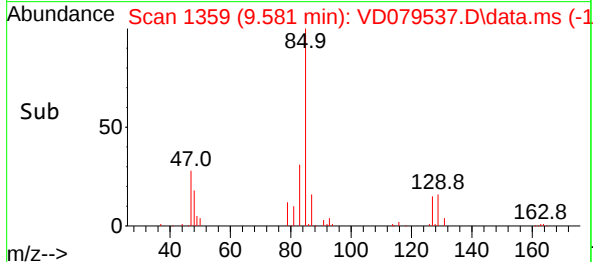
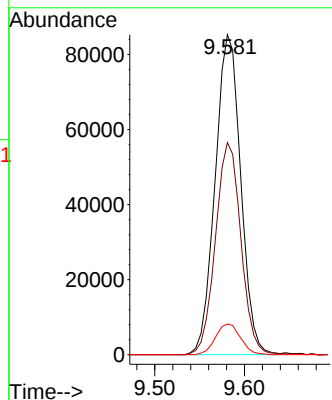
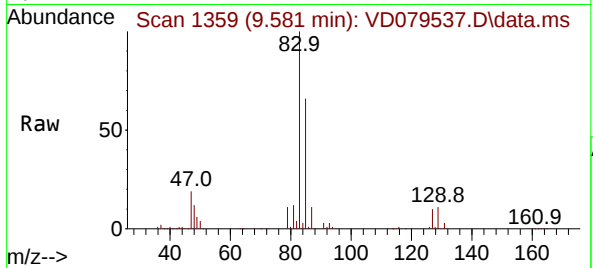




#47
Bromodichloromethane
Concen: 53.321 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

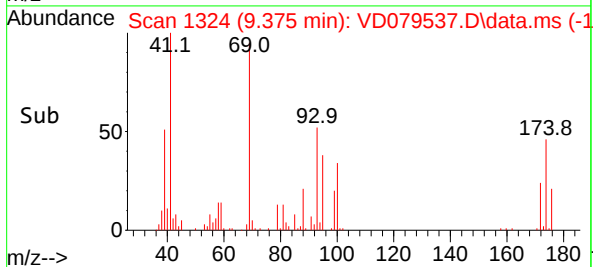
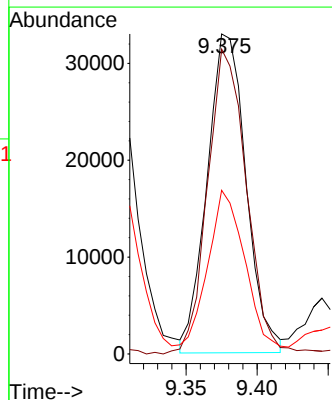
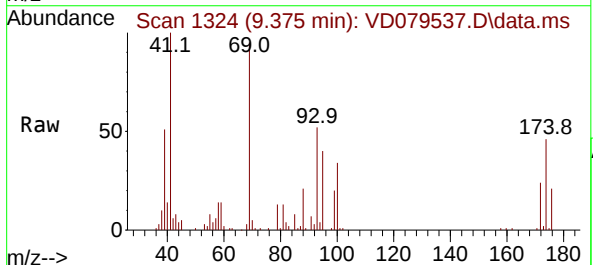
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

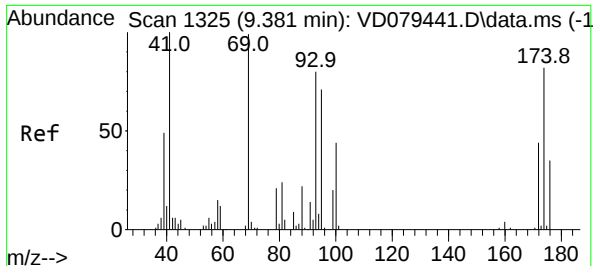
Tgt Ion: 83 Resp: 168955
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 9.6 6.8 10.2



#48
Methyl methacrylate
Concen: 60.346 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 41 Resp: 62672
Ion Ratio Lower Upper
41 100
69 95.7 96.7 145.1#
39 46.3 43.8 65.6





#49

1,4-Dioxane

Concen: 1192.680 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

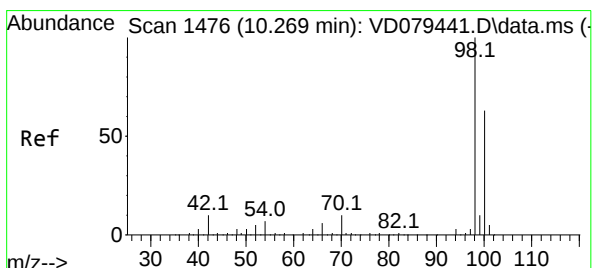
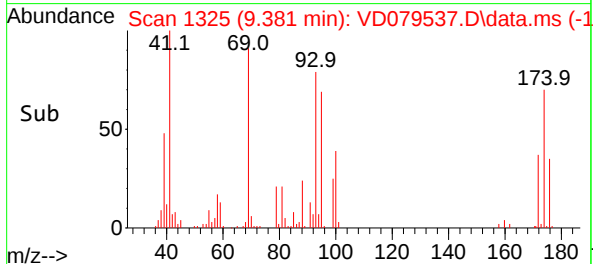
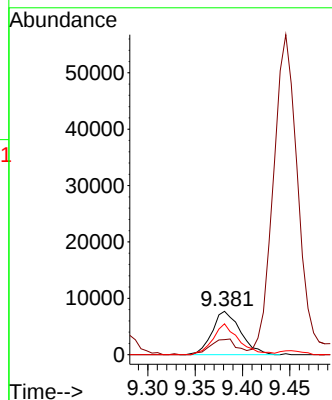
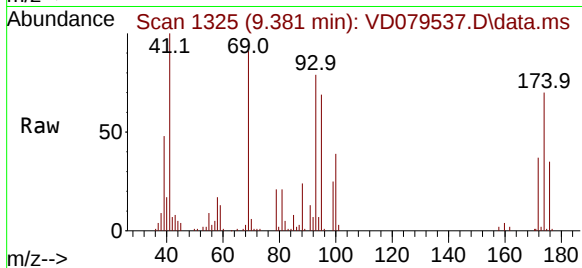
Tgt Ion: 88 Resp: 15948

Ion Ratio Lower Upper

88 100

43 33.7 21.5 32.3#

58 64.8 42.2 63.4#



#50

Toluene-d8

Concen: 50.816 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD079537.D

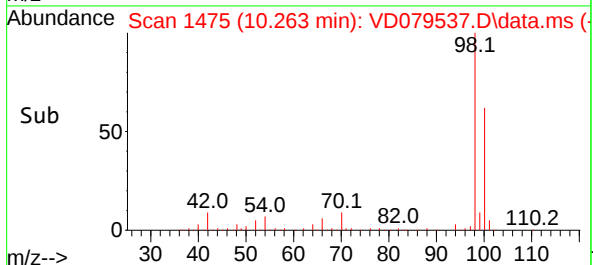
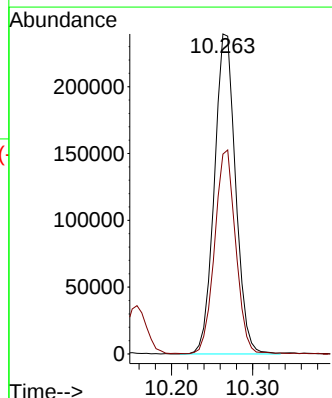
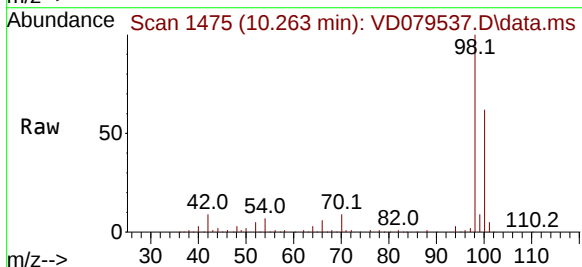
Acq: 01 Aug 2024 20:36

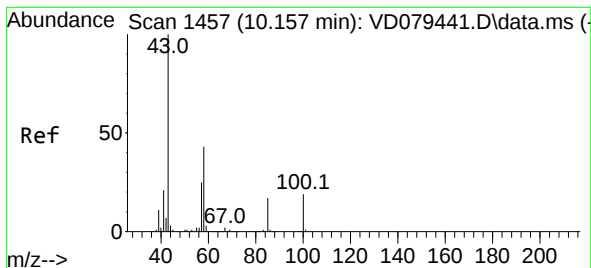
Tgt Ion: 98 Resp: 435411

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

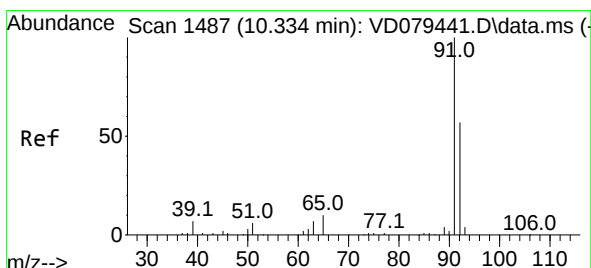
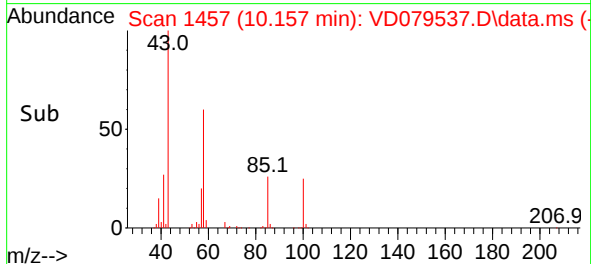
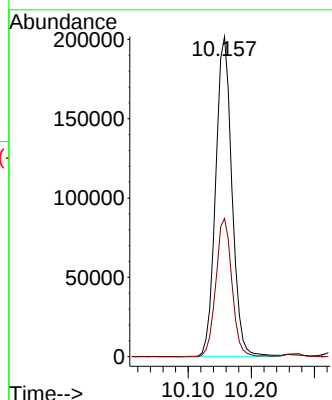
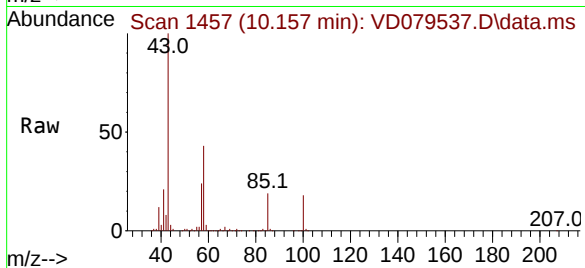




#51
4-Methyl-2-Pentanone
Concen: 305.741 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

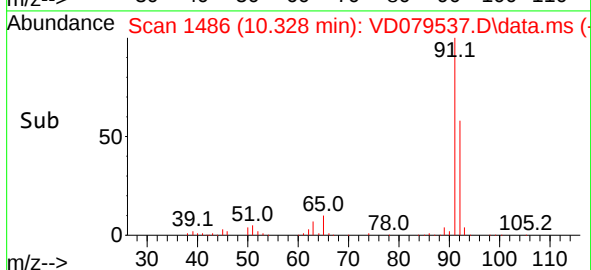
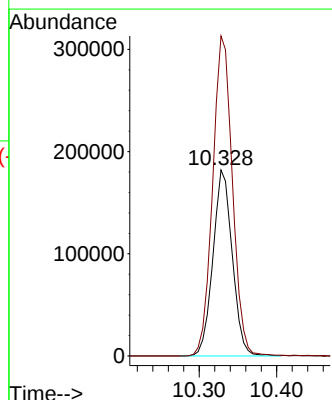
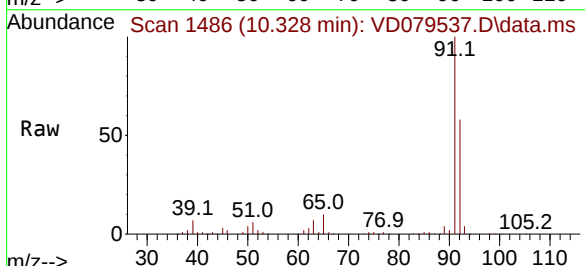
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

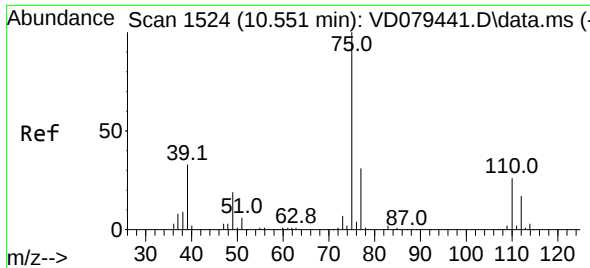
Tgt Ion: 43 Resp: 362236
Ion Ratio Lower Upper
43 100
58 42.5 36.6 55.0



#52
Toluene
Concen: 53.331 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 92 Resp: 315494
Ion Ratio Lower Upper
92 100
91 176.2 141.7 212.5

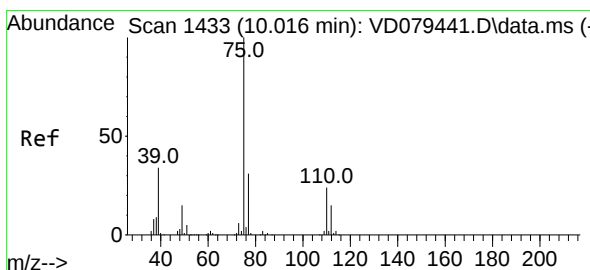
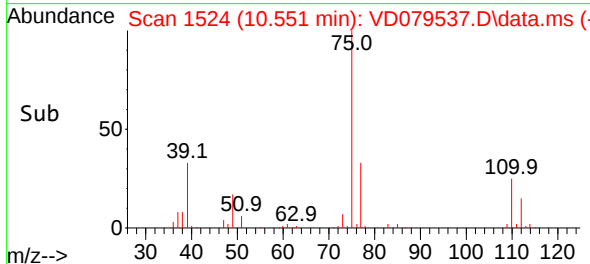
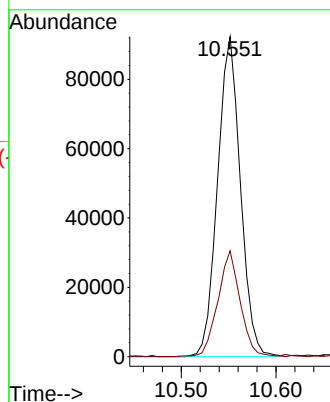
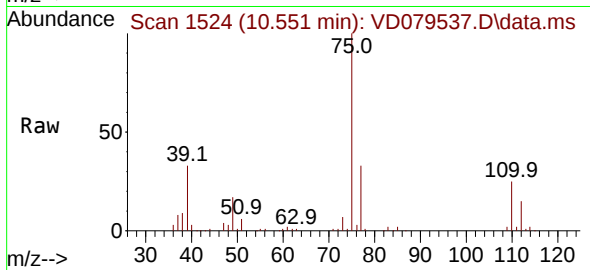




#53
t-1,3-Dichloropropene
Concen: 52.983 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

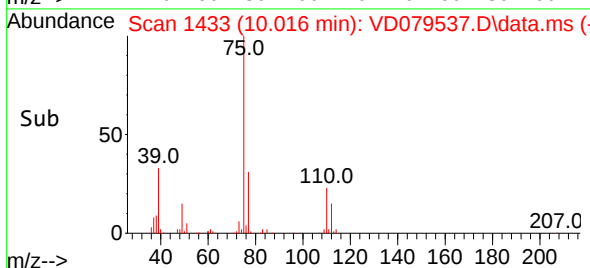
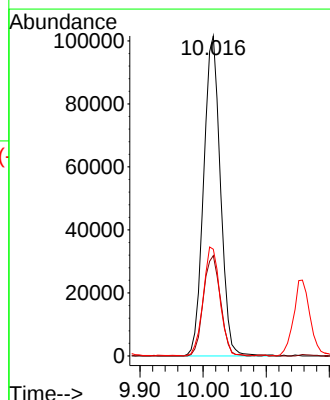
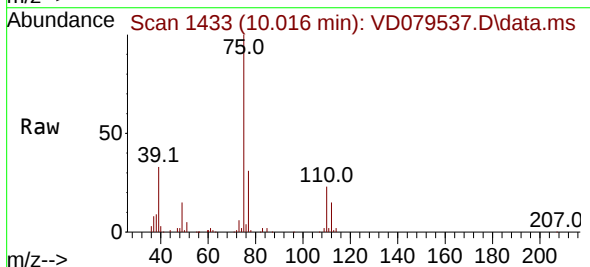
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

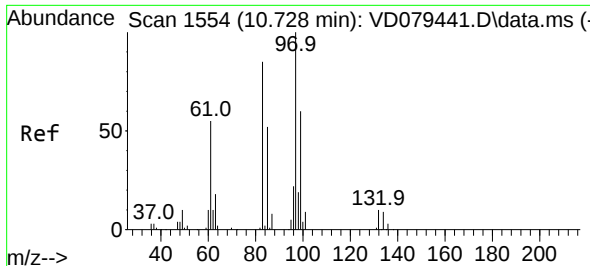
Tgt Ion: 75 Resp: 155037
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 53.126 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 75 Resp: 186989
Ion Ratio Lower Upper
75 100
77 31.4 24.4 36.6
39 33.2 24.2 36.2

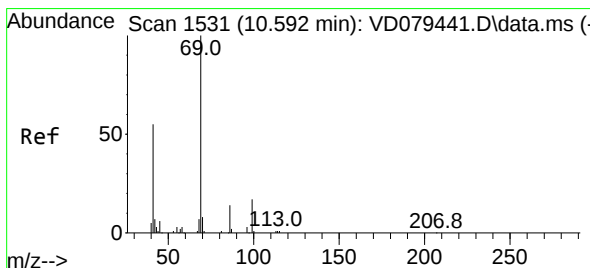
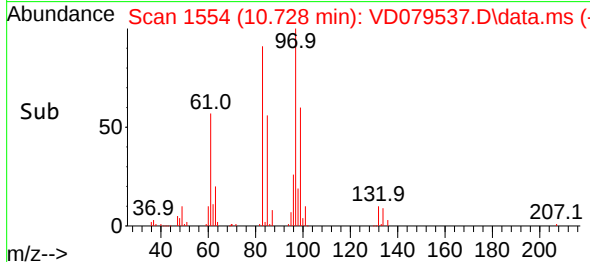
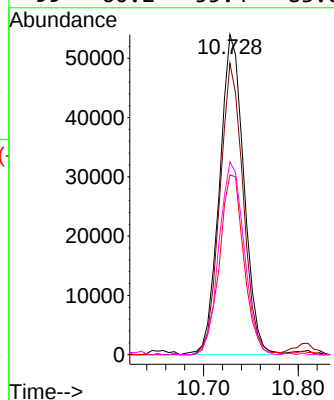
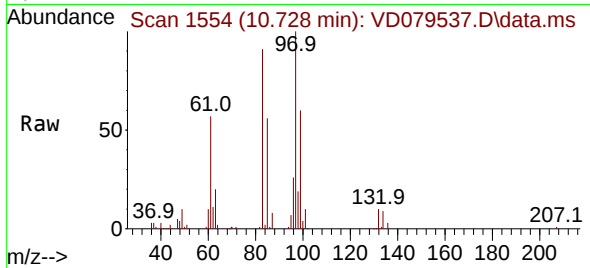




#55
 1,1,2-Trichloroethane
 Concen: 56.871 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. -0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

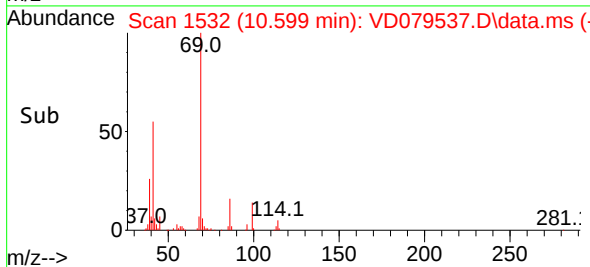
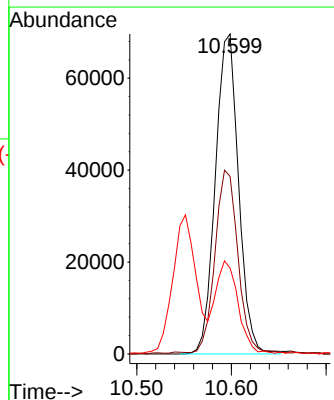
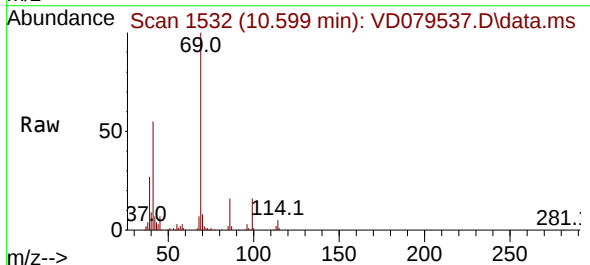
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

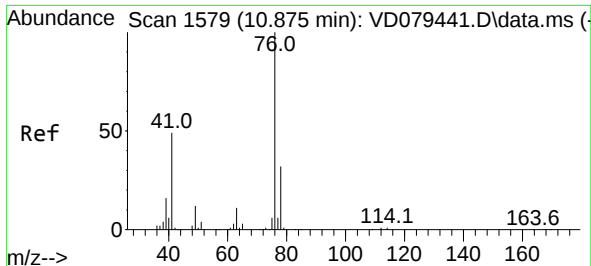
Tgt Ion:	97	Resp:	96676
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.8	98.8
85	56.2	43.8	65.8
99	60.2	55.4	83.0



#56
 Ethyl methacrylate
 Concen: 58.901 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

Tgt Ion:	69	Resp:	118638
Ion	Ratio	Lower	Upper
69	100		
41	56.4	39.8	59.6
39	27.9	20.2	30.4





#57

1,3-Dichloropropane

Concen: 55.700 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

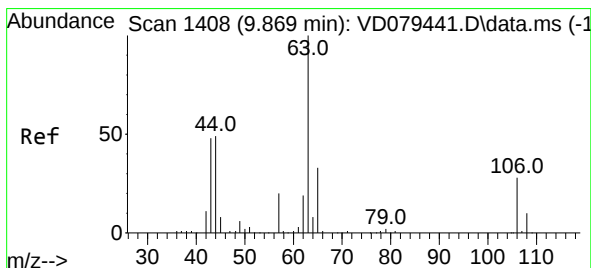
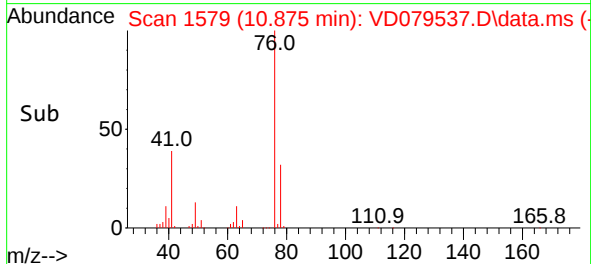
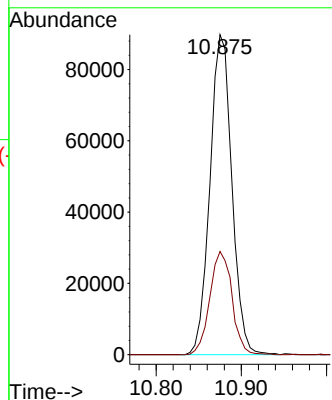
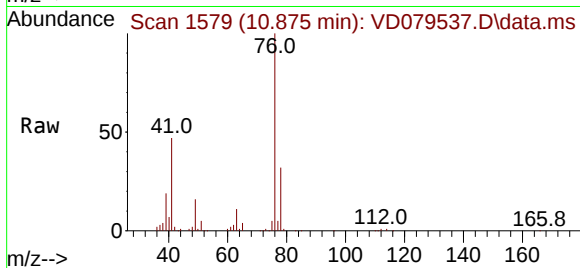
VSTDCCC050EC

Tgt Ion: 76 Resp: 160897

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 291.393 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079537.D

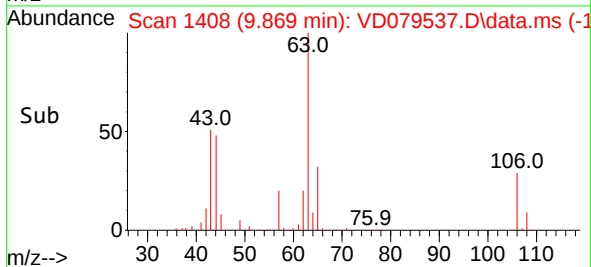
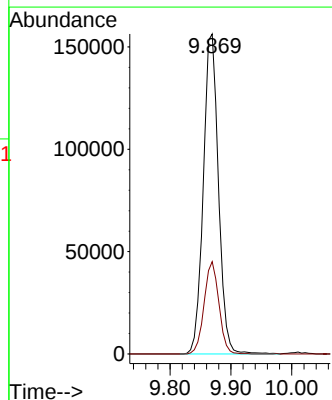
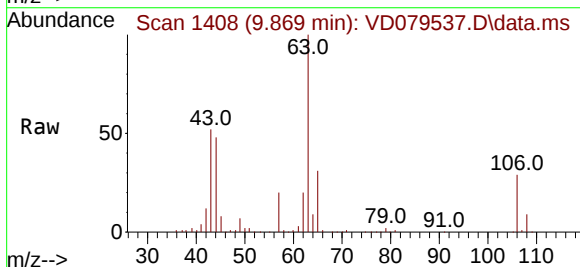
Acq: 01 Aug 2024 20:36

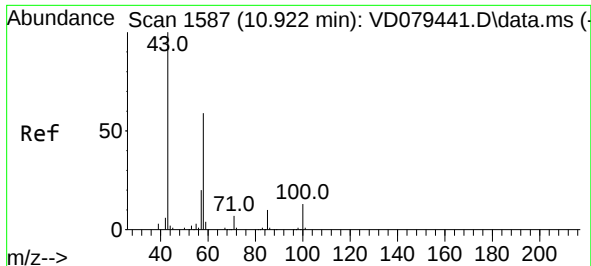
Tgt Ion: 63 Resp: 270672

Ion Ratio Lower Upper

63 100

106 28.1 26.4 39.6

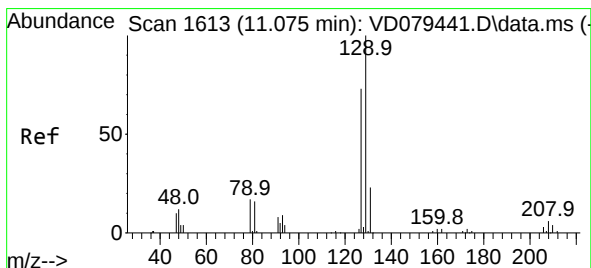
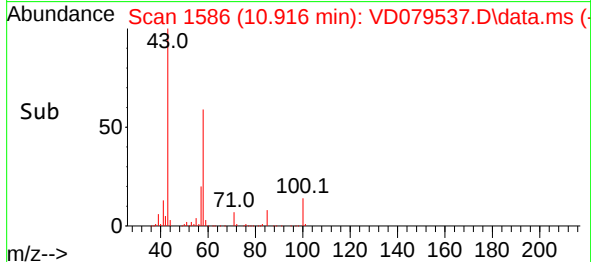
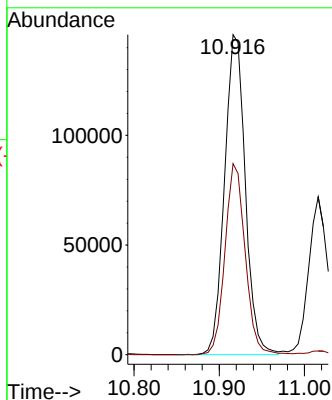
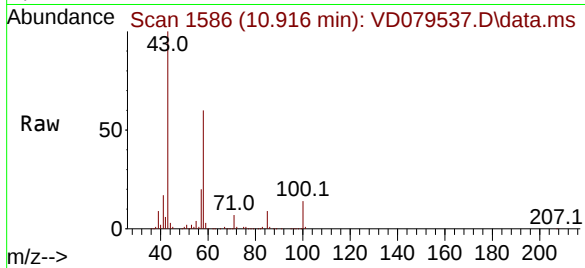




#59
2-Hexanone
Concen: 299.037 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

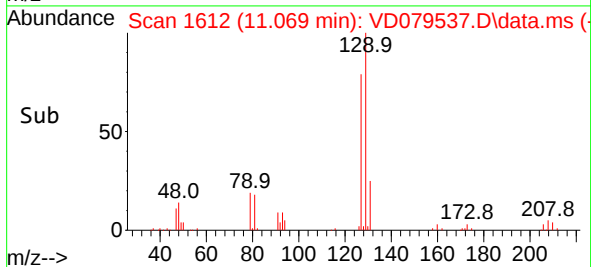
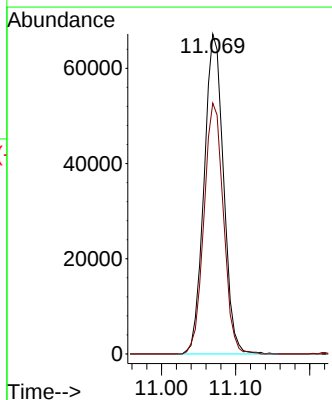
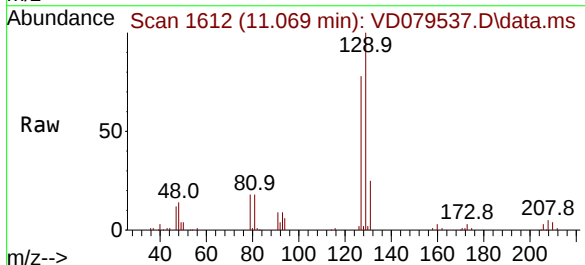
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

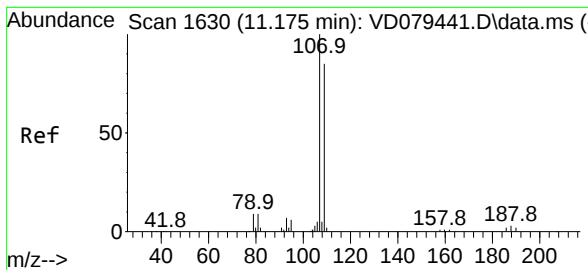
Tgt Ion: 43 Resp: 247092
Ion Ratio Lower Upper
43 100
58 58.1 31.1 93.5



#60
Dibromochloromethane
Concen: 55.001 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:129 Resp: 122138
Ion Ratio Lower Upper
129 100
127 78.6 38.0 113.9

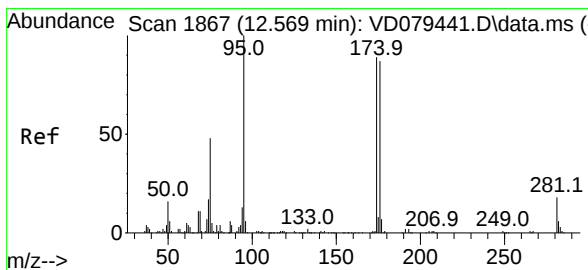
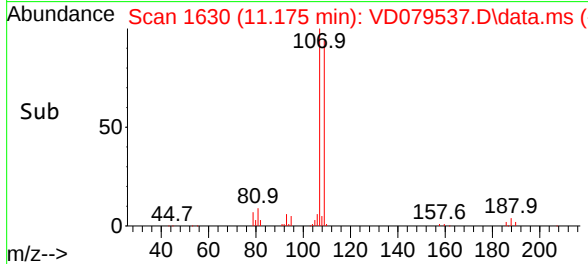
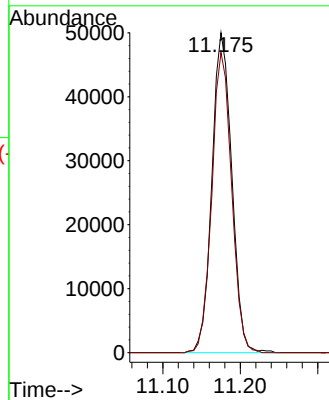
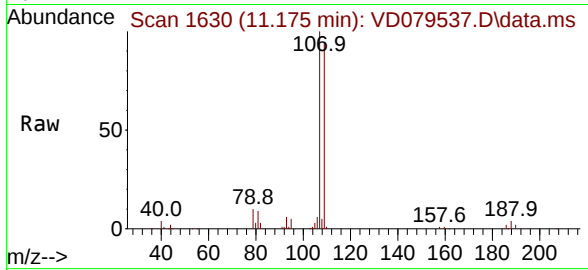




#61
1,2-Dibromoethane
Concen: 56.006 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

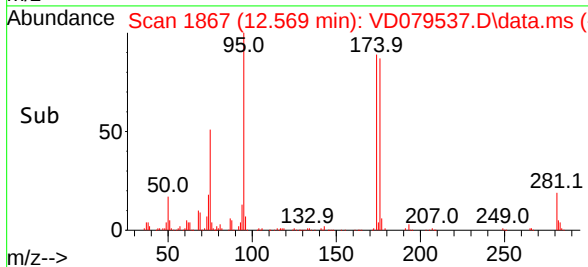
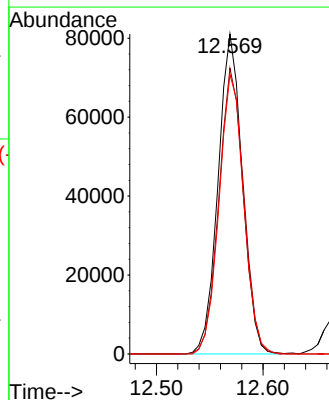
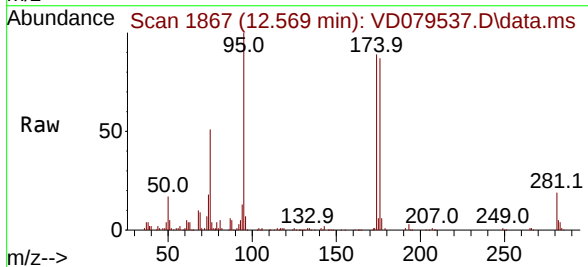
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

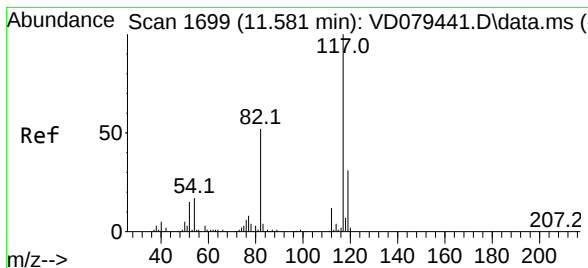
Tgt Ion:107 Resp: 89192
Ion Ratio Lower Upper
107 100
109 93.5 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 51.658 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 95 Resp: 128088
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.4
176 88.5 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

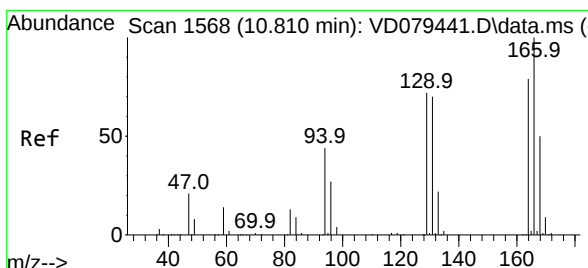
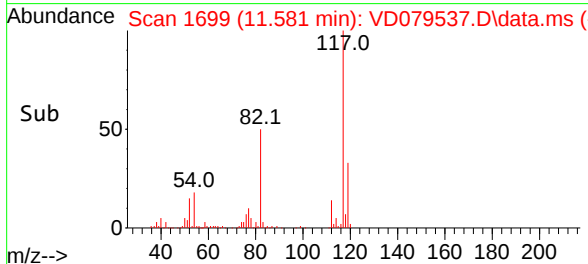
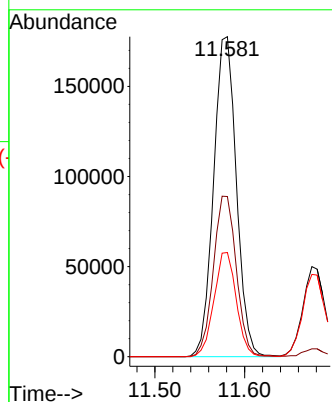
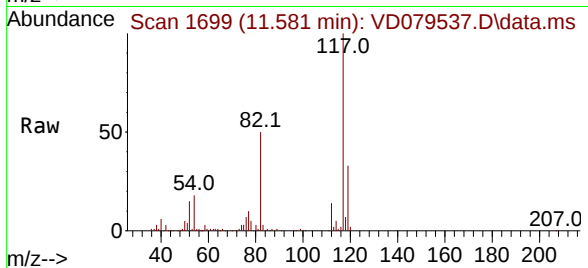
Tgt Ion:117 Resp: 313424

Ion Ratio Lower Upper

117 100

82 50.0 39.8 59.6

119 32.6 25.7 38.5



#64

Tetrachloroethene

Concen: 49.770 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Tgt Ion:164 Resp: 105186

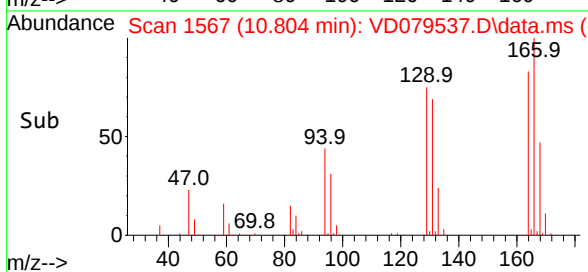
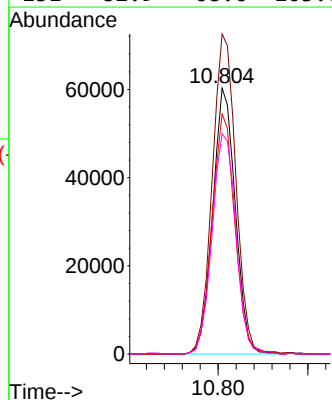
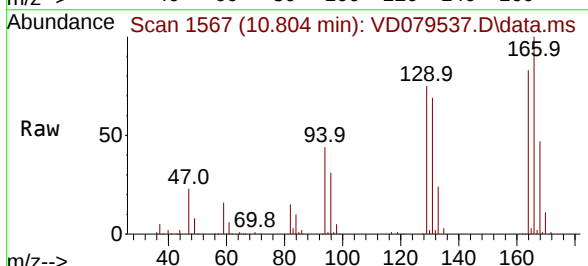
Ion Ratio Lower Upper

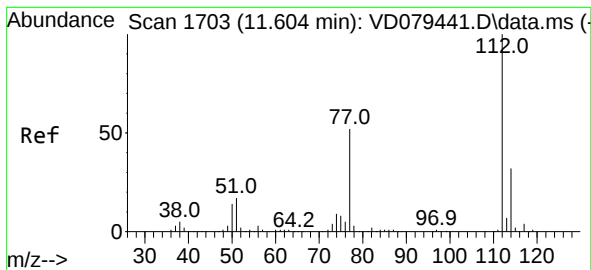
164 100

166 120.4 108.6 163.0

129 90.3 74.6 112.0

131 82.9 68.6 103.0

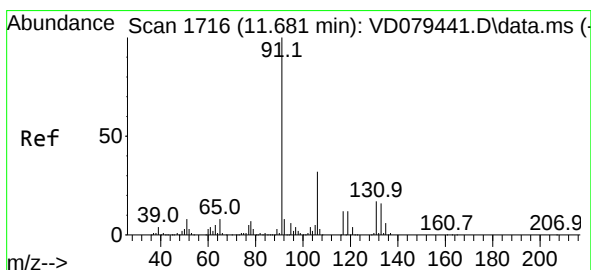
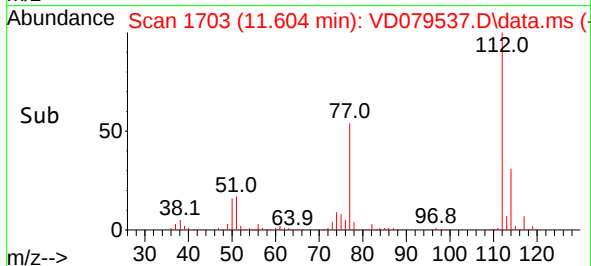
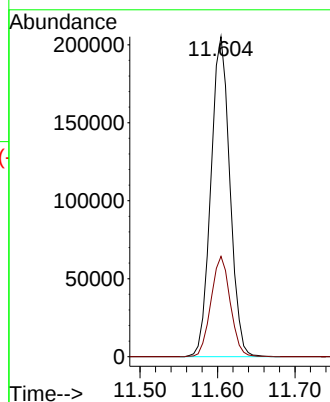
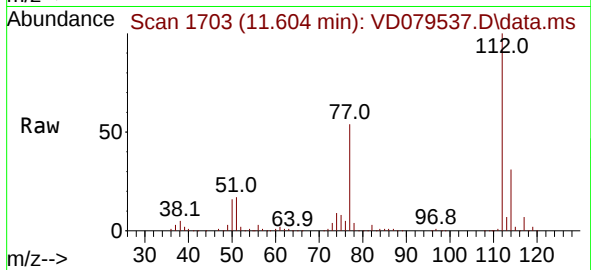




#65
Chlorobenzene
Concen: 50.313 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

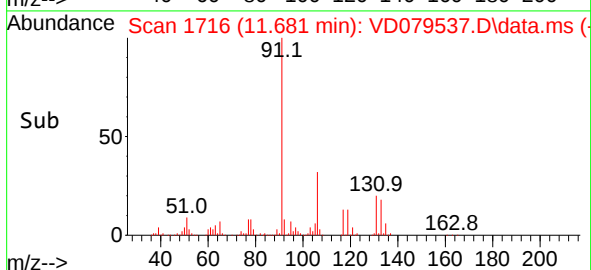
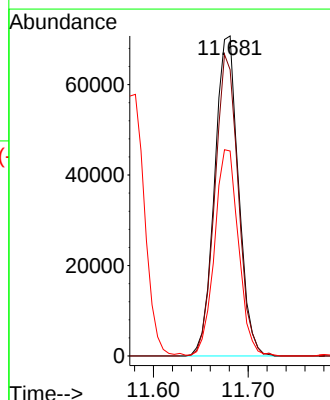
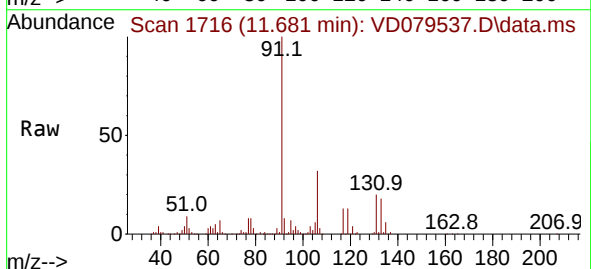
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

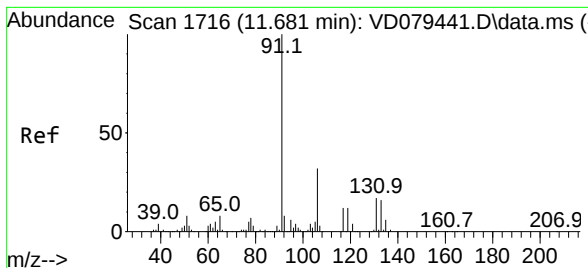
Tgt Ion:112 Resp: 349189
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.168 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:131 Resp: 123692
Ion Ratio Lower Upper
131 100
133 92.5 49.2 147.6
119 65.1 33.4 100.2

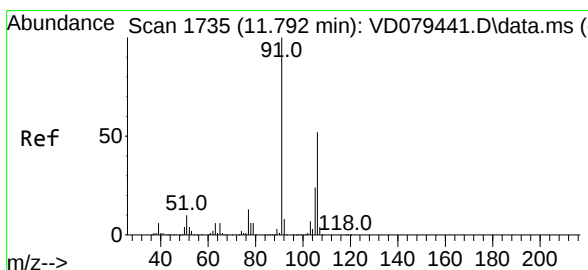
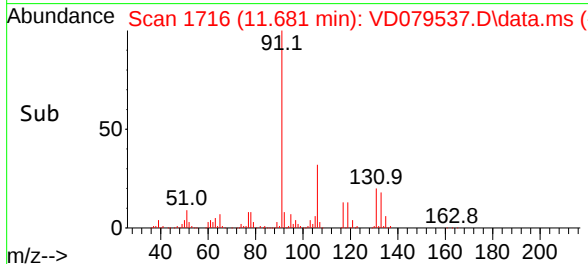
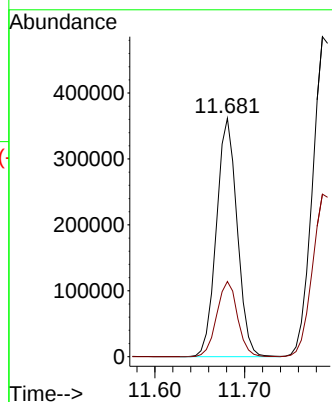
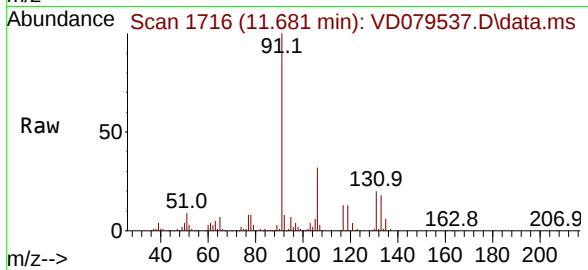




#67
Ethyl Benzene
Concen: 51.057 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

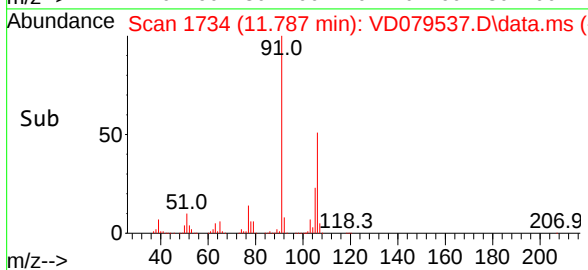
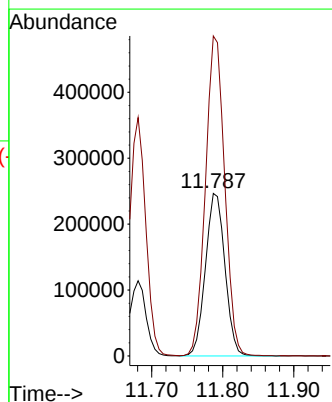
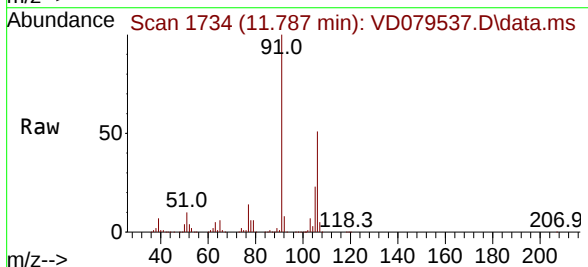
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

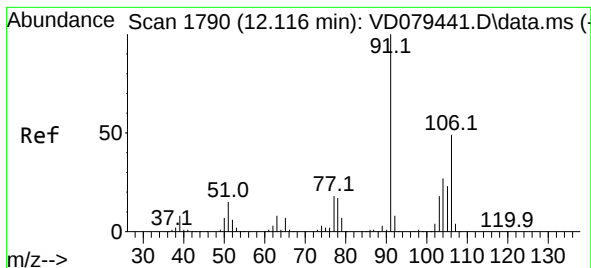
Tgt Ion: 91 Resp: 580099
Ion Ratio Lower Upper
91 100
106 31.6 25.8 38.6



#68
m/p-Xylenes
Concen: 104.342 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:106 Resp: 470340
Ion Ratio Lower Upper
106 100
91 194.3 148.5 222.7





#69

o-Xylene

Concen: 51.627 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

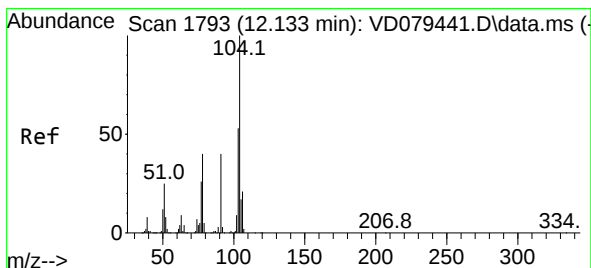
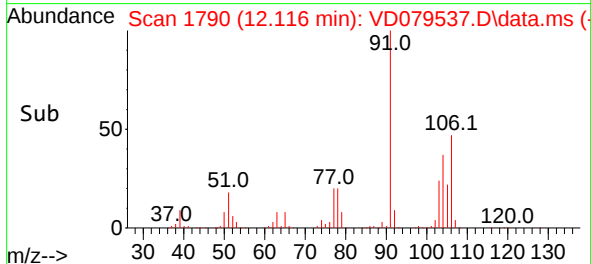
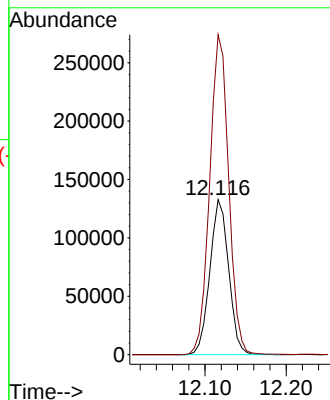
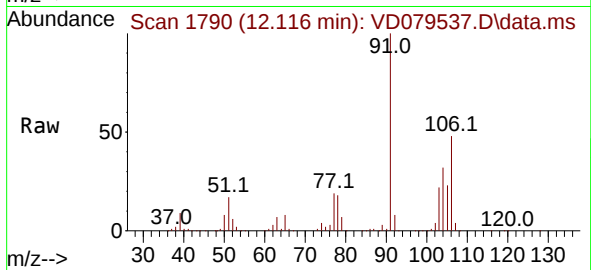
VSTDCCC050EC

Tgt Ion:106 Resp: 213310

Ion Ratio Lower Upper

106 100

91 208.8 96.7 290.1



#70

Styrene

Concen: 54.256 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

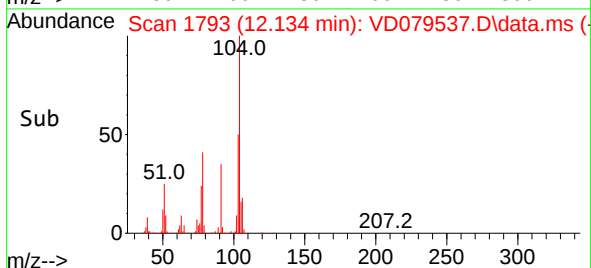
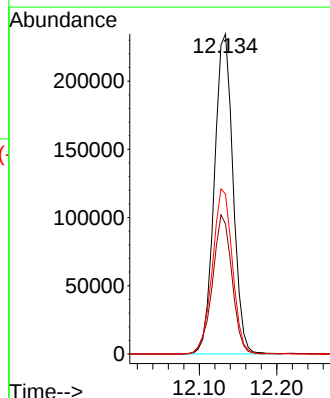
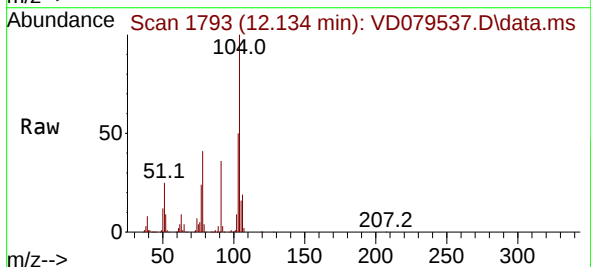
Tgt Ion:104 Resp: 393011

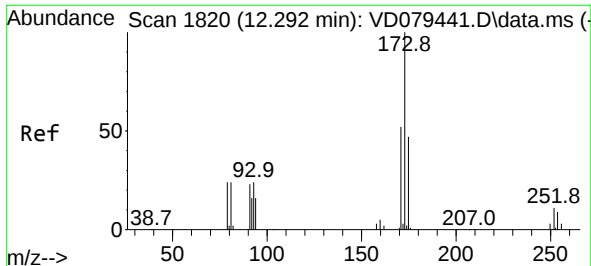
Ion Ratio Lower Upper

104 100

78 45.3 33.0 49.6

103 55.1 44.2 66.4

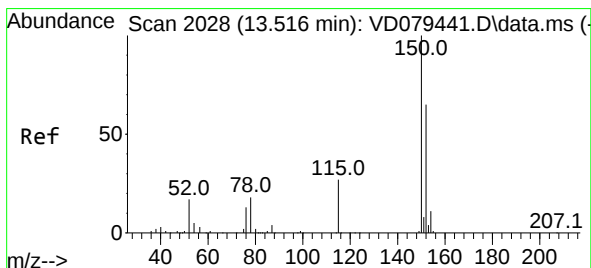
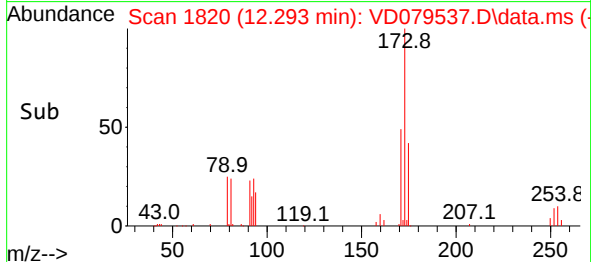
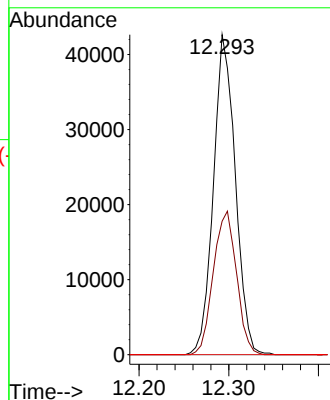
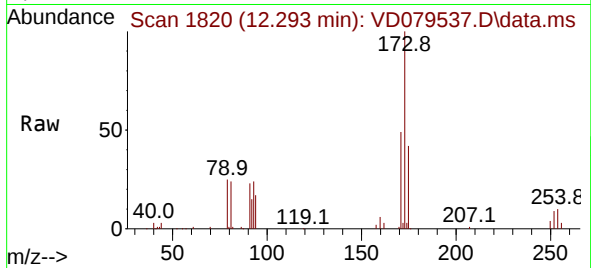




#71
Bromoform
Concen: 55.973 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

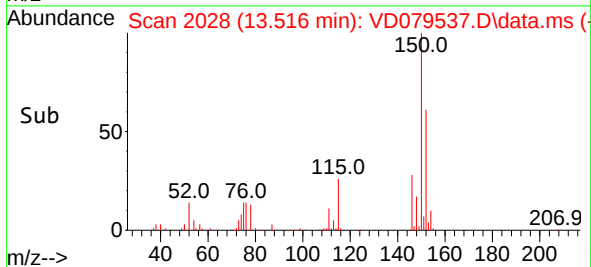
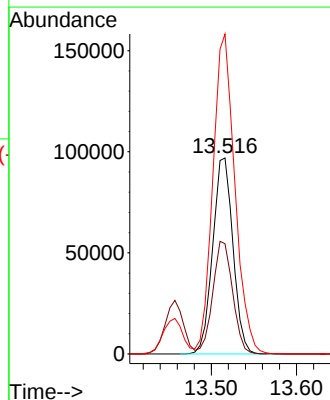
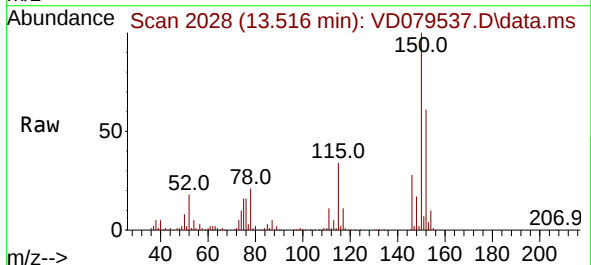
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

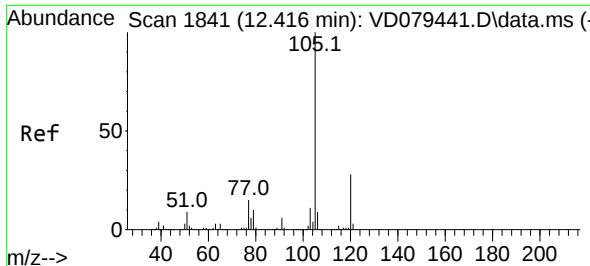
Tgt Ion:173 Resp: 72255
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:152 Resp: 160194
Ion Ratio Lower Upper
152 100
115 56.3 26.5 79.5
150 177.0 0.0 341.6

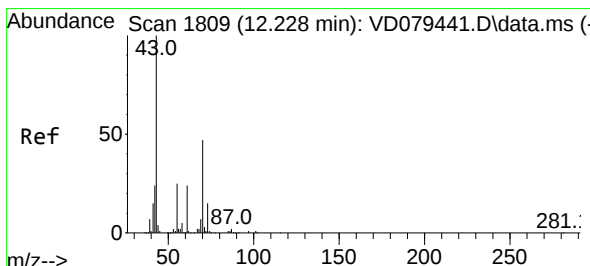
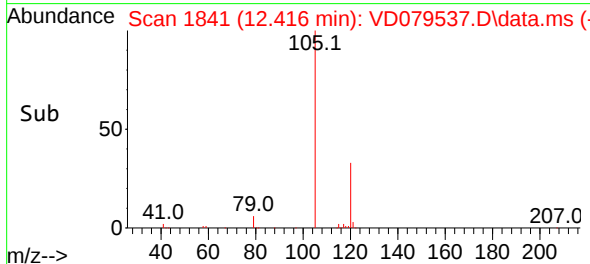
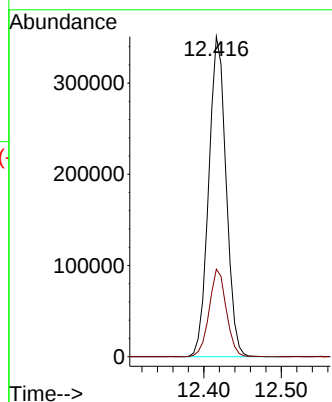
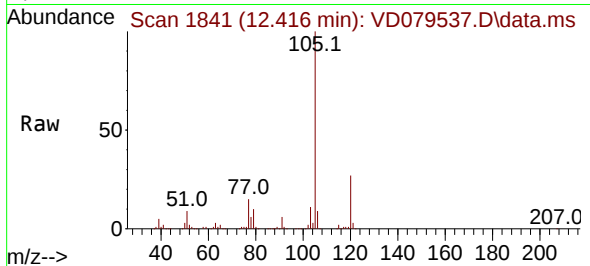




#73
Isopropylbenzene
Concen: 45.871 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

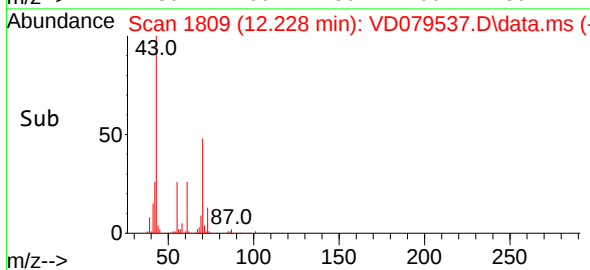
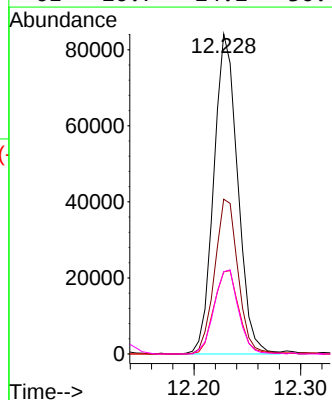
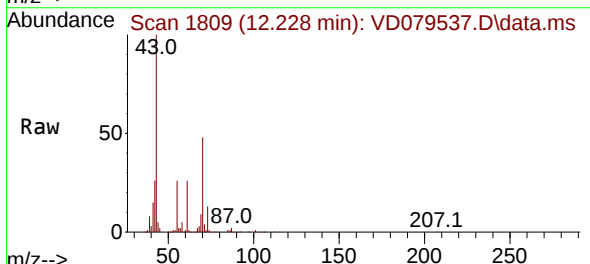
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

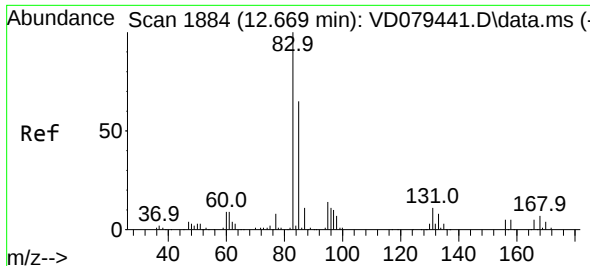
Tgt Ion:105 Resp: 546485
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 55.759 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 43 Resp: 131379
Ion Ratio Lower Upper
43 100
70 47.4 44.3 66.5
55 27.2 23.2 34.8
61 26.7 24.2 36.4

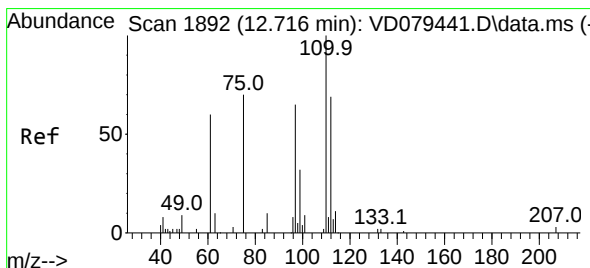
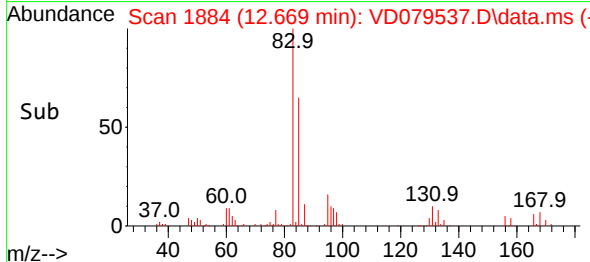
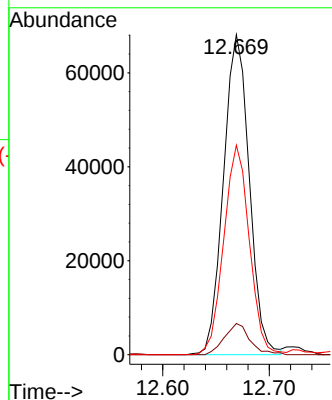
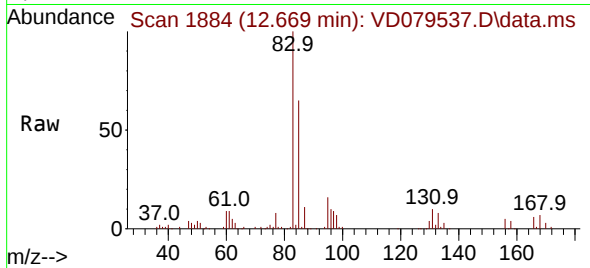




#75
1,1,2,2-Tetrachloroethane
Concen: 55.006 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

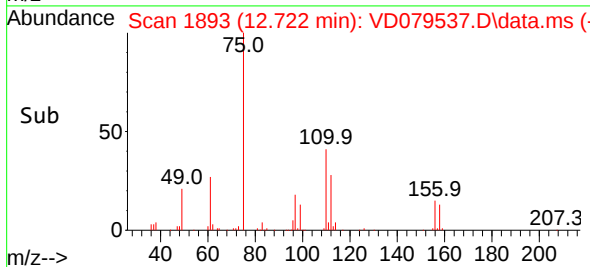
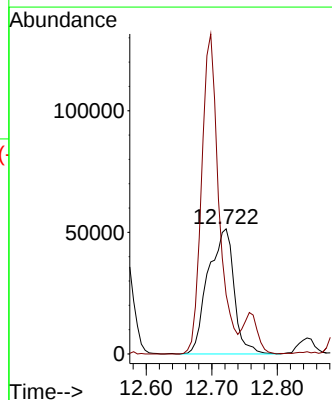
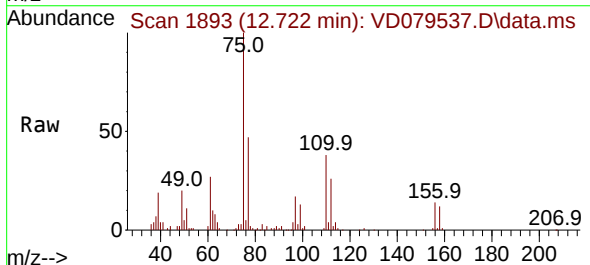
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

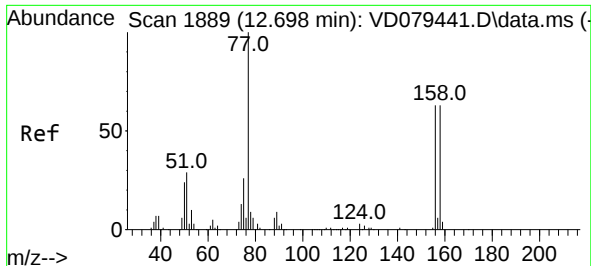
Tgt Ion: 83 Resp: 114472
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 65.0 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 100.805 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 75 Resp: 141153
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

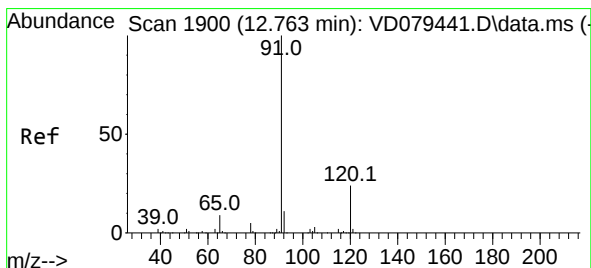
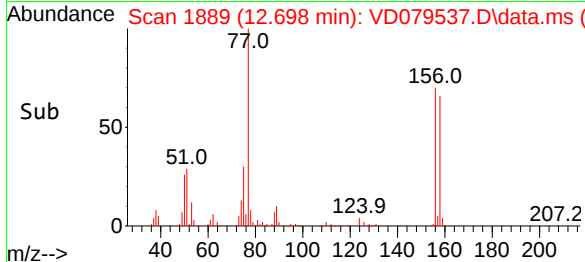
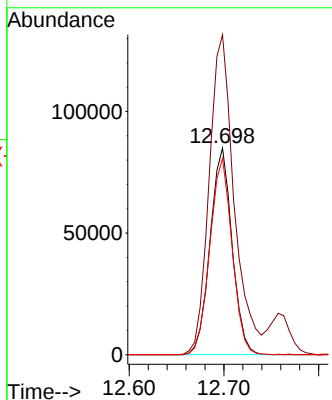
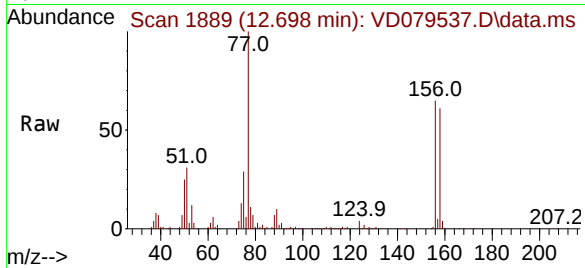




#77
Bromobenzene
Concen: 51.081 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

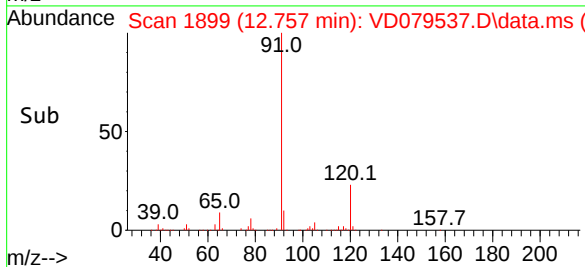
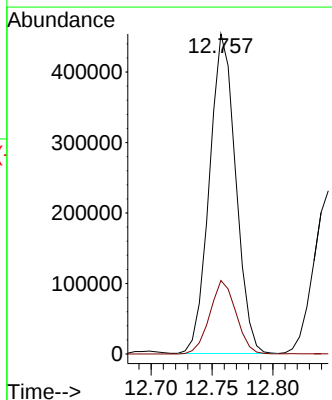
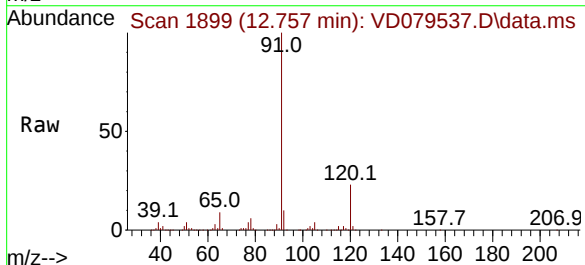
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

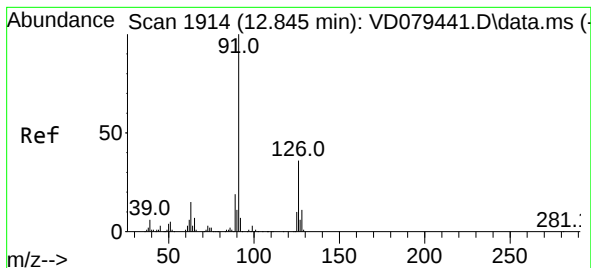
Tgt Ion:156 Resp: 137208
Ion Ratio Lower Upper
156 100
77 176.0 77.3 231.9
158 95.8 49.6 149.0



#78
n-propylbenzene
Concen: 50.860 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 91 Resp: 681055
Ion Ratio Lower Upper
91 100
120 22.9 12.3 36.8





#79

2-Chlorotoluene

Concen: 51.093 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

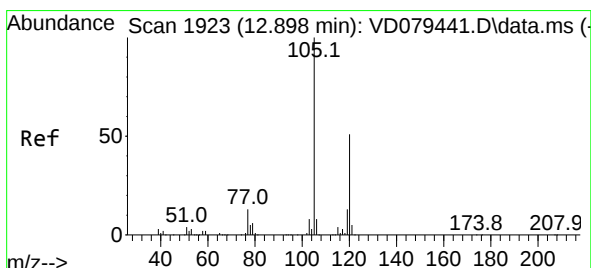
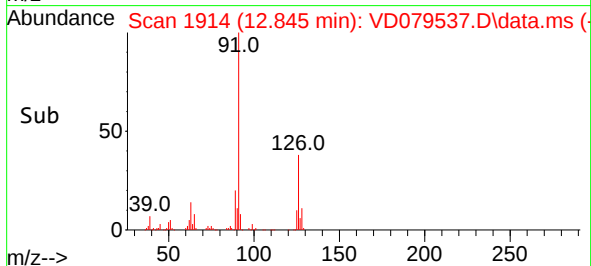
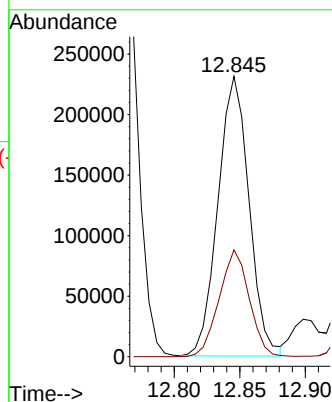
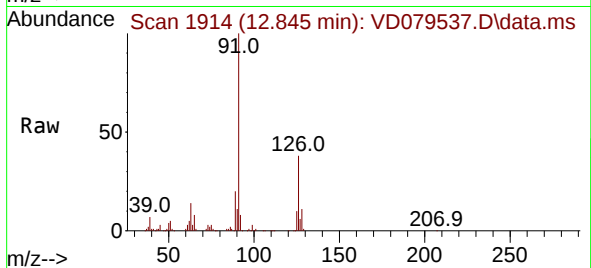
VSTDCCC050EC

Tgt Ion: 91 Resp: 380961

Ion Ratio Lower Upper

91 100

126 36.9 19.3 57.8



#80

1,3,5-Trimethylbenzene

Concen: 51.360 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD079537.D

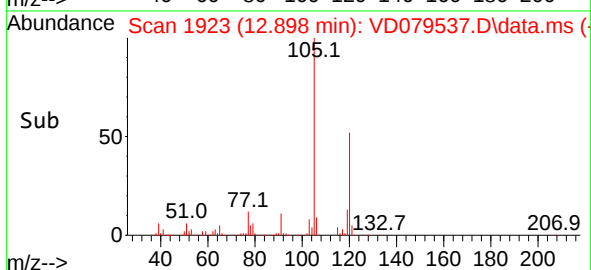
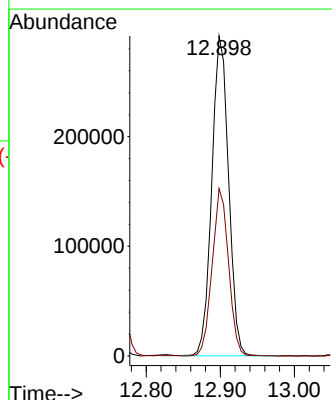
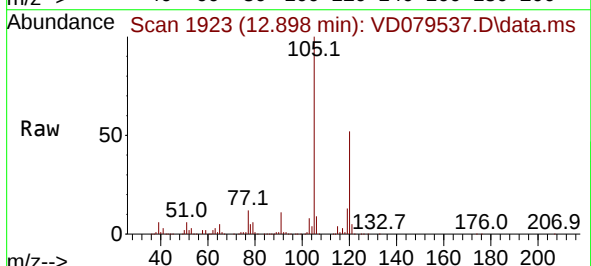
Acq: 01 Aug 2024 20:36

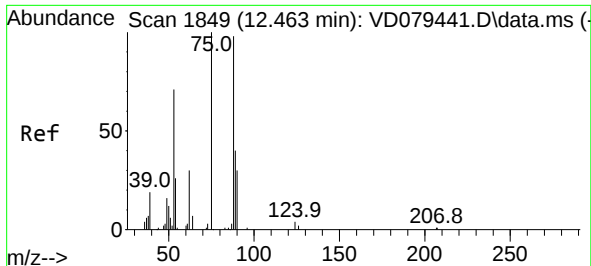
Tgt Ion:105 Resp: 458309

Ion Ratio Lower Upper

105 100

120 51.1 25.7 77.1

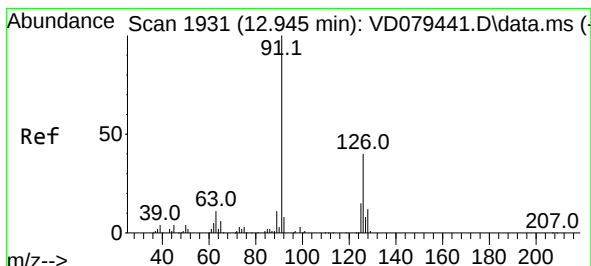
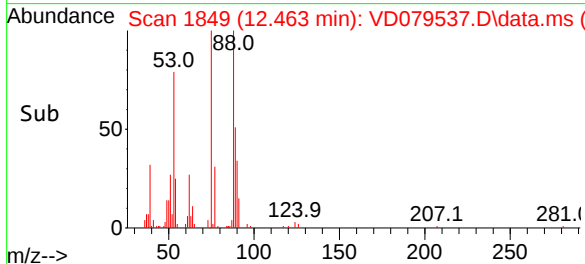
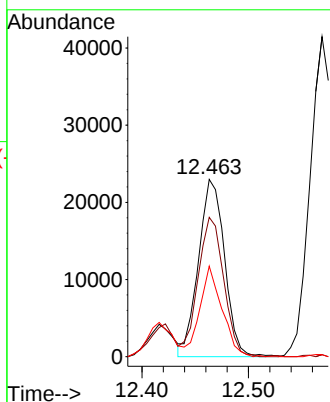
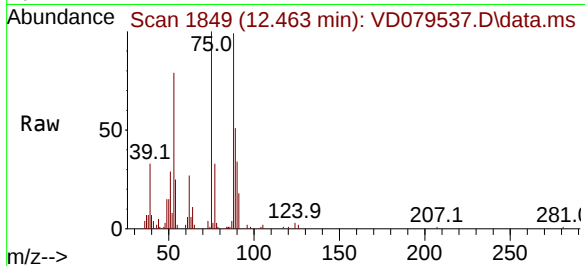




#81
trans-1,4-Dichloro-2-butene
Concen: 53.345 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

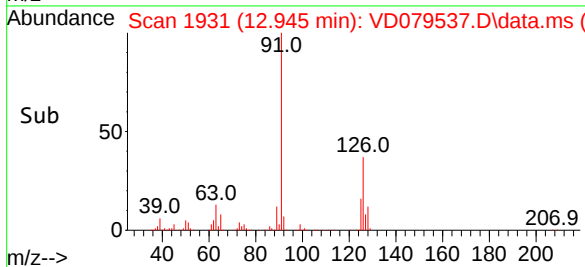
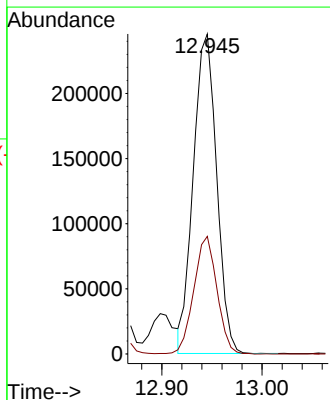
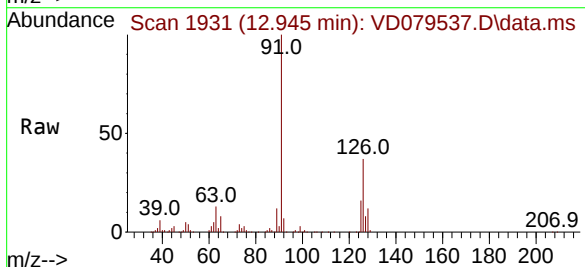
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

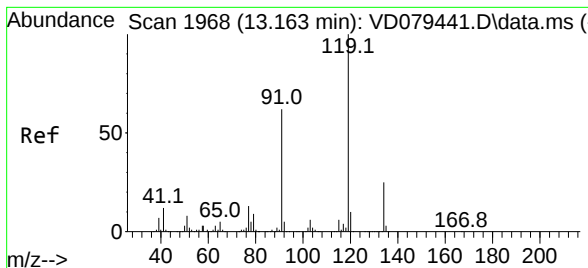
Tgt Ion: 75 Resp: 39164
Ion Ratio Lower Upper
75 100
53 77.8 61.4 92.2
89 43.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.126 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 91 Resp: 397397
Ion Ratio Lower Upper
91 100
126 36.6 18.9 56.9

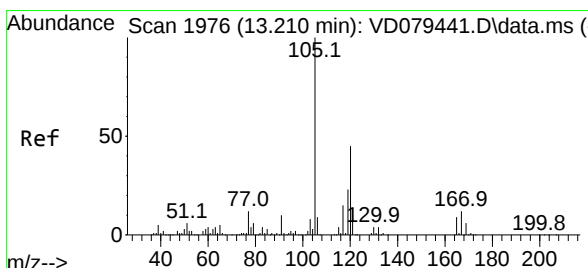
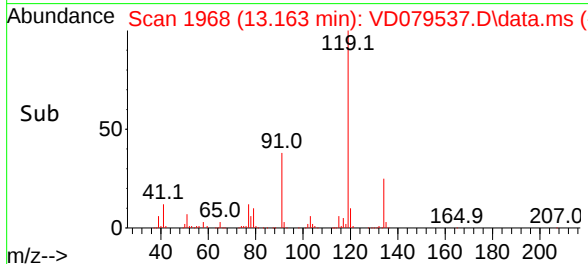
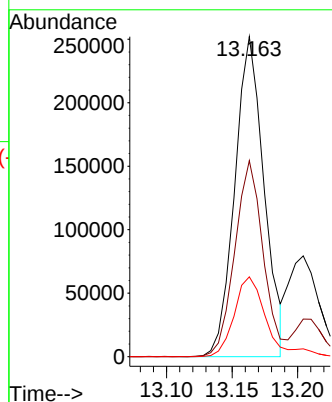
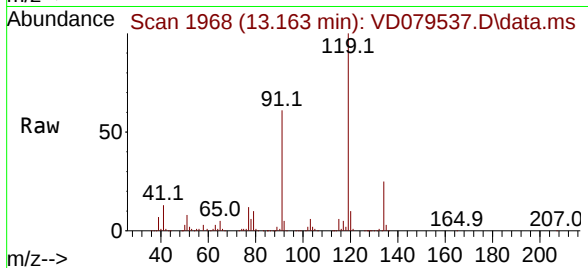




#83
tert-Butylbenzene
Concen: 45.643 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

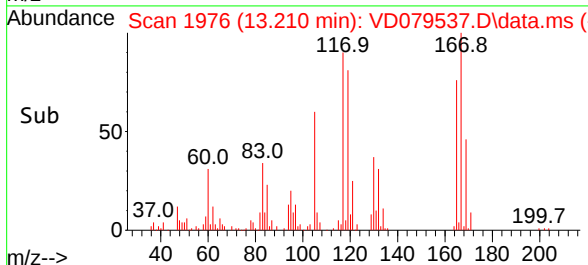
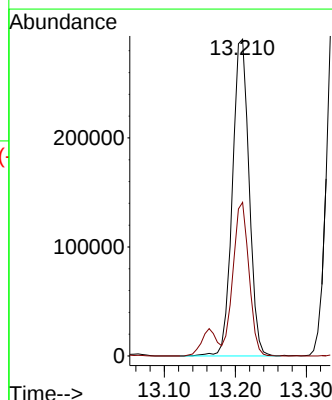
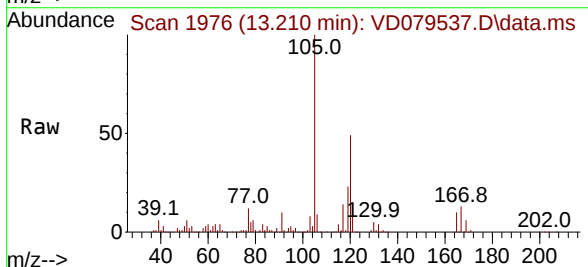
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

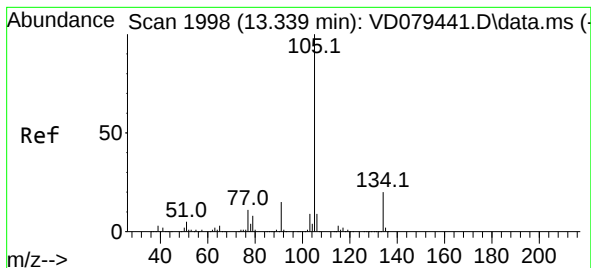
Tgt Ion:119 Resp: 391575
Ion Ratio Lower Upper
119 100
91 60.2 28.2 84.7
134 27.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 47.398 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:105 Resp: 473934
Ion Ratio Lower Upper
105 100
120 46.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 49.776 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

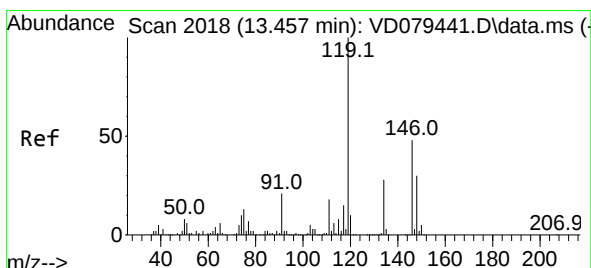
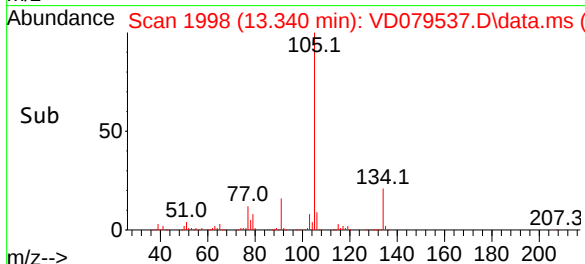
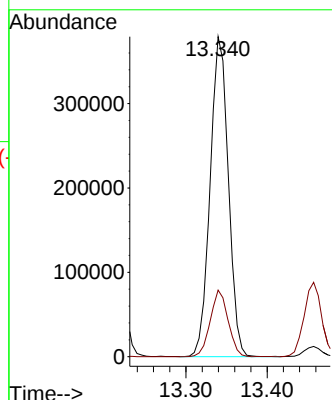
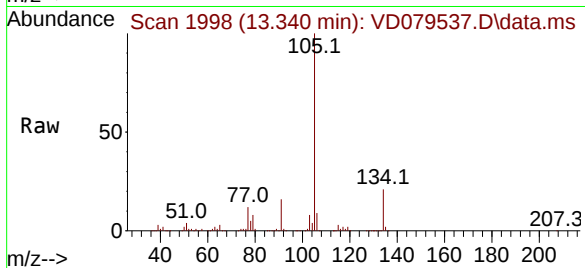
VSTDCCC050EC

Tgt Ion:105 Resp: 590790

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 45.175 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

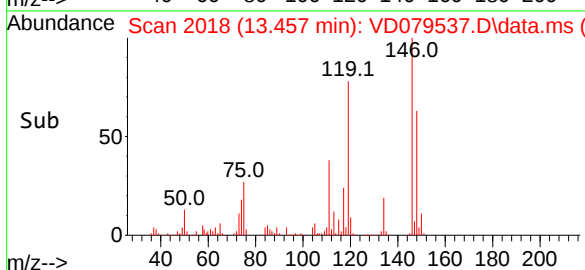
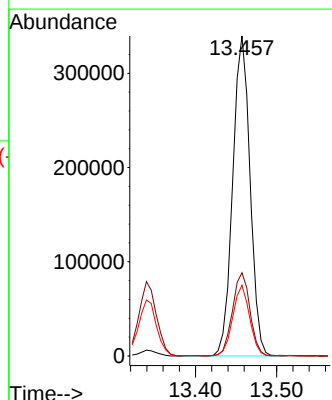
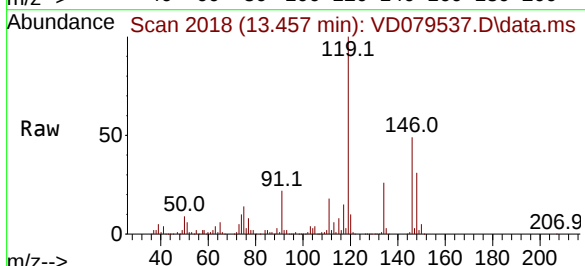
Tgt Ion:119 Resp: 502828

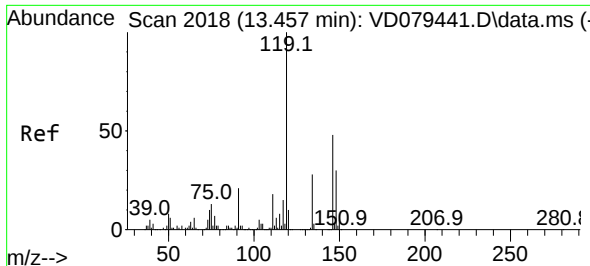
Ion Ratio Lower Upper

119 100

134 26.3 13.7 41.1

91 21.6 10.7 32.1

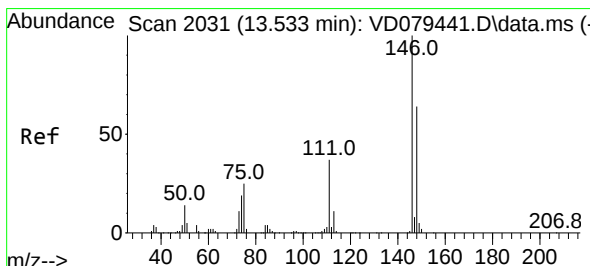
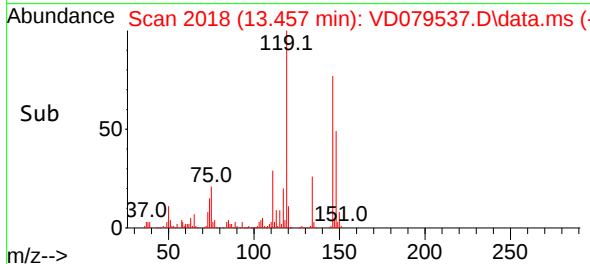
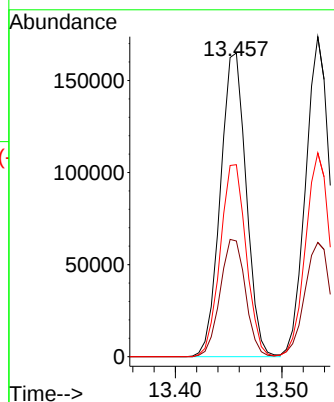
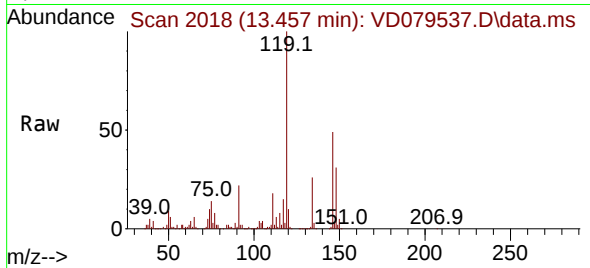




#87
1,3-Dichlorobenzene
Concen: 49.851 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

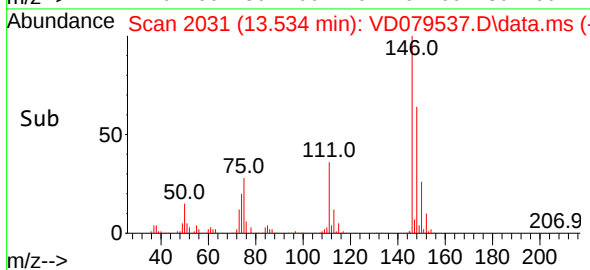
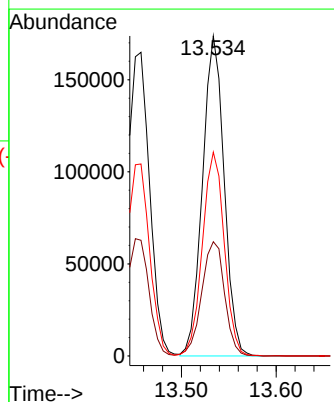
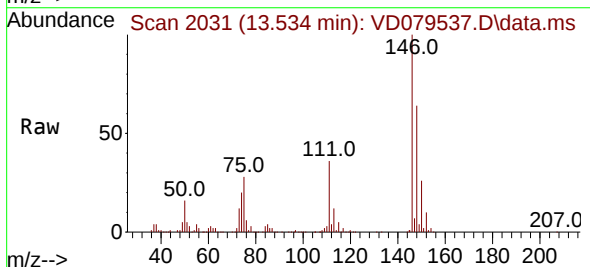
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

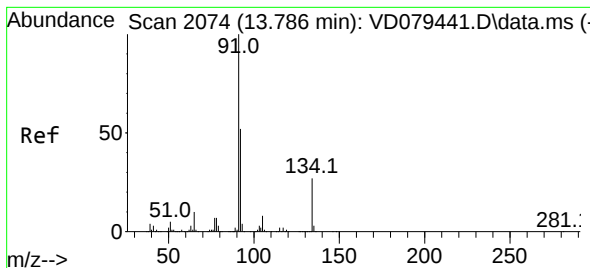
Tgt Ion:146 Resp: 277374
Ion Ratio Lower Upper
146 100
111 37.9 18.5 55.5
148 63.5 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 50.446 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:146 Resp: 275950
Ion Ratio Lower Upper
146 100
111 37.8 17.5 52.6
148 64.3 31.4 94.2





#89

n-Butylbenzene

Concen: 44.663 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079537.D

Acq: 01 Aug 2024 20:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

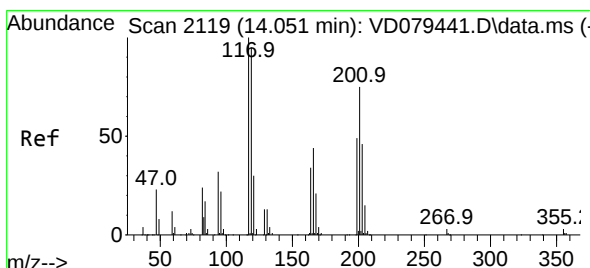
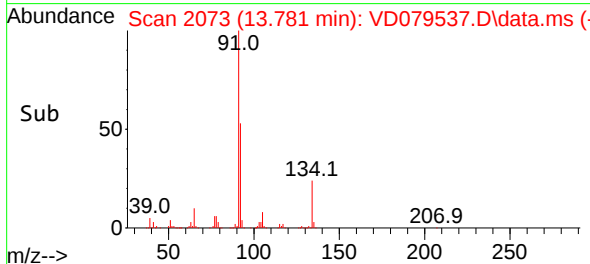
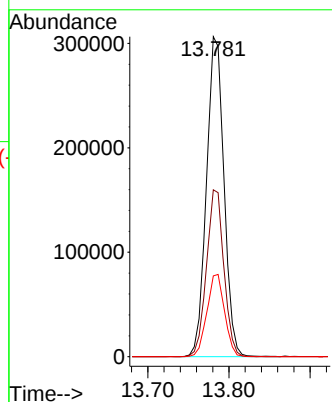
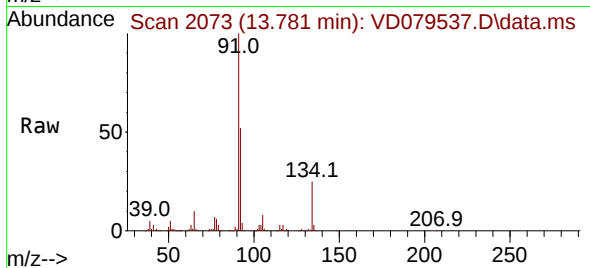
Tgt Ion: 91 Resp: 458682

Ion Ratio Lower Upper

91 100

92 51.8 25.7 77.0

134 25.9 13.6 40.8



#90

Hexachloroethane

Concen: 50.114 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.006 min

Lab File: VD079537.D

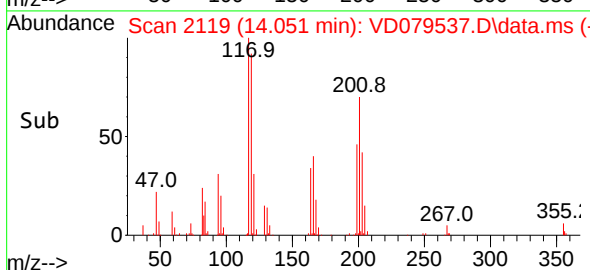
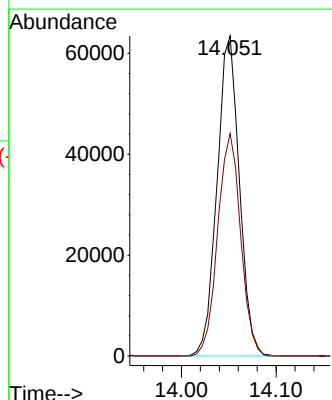
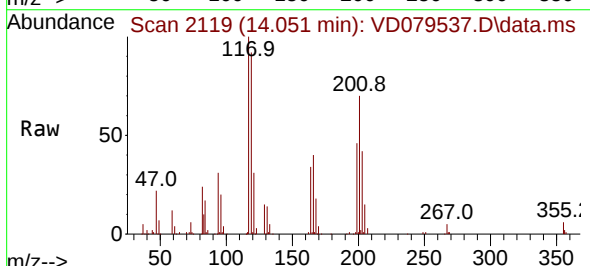
Acq: 01 Aug 2024 20:36

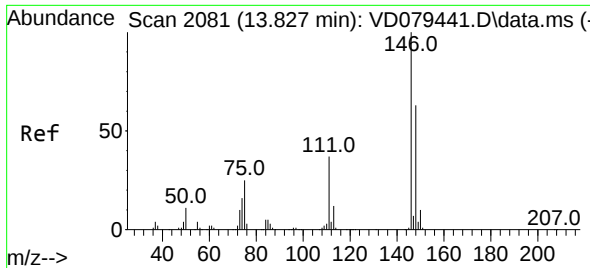
Tgt Ion: 117 Resp: 104035

Ion Ratio Lower Upper

117 100

201 71.4 36.3 108.9

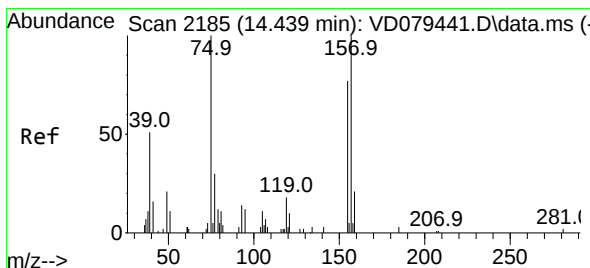
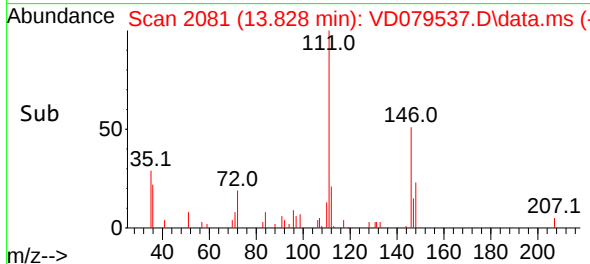
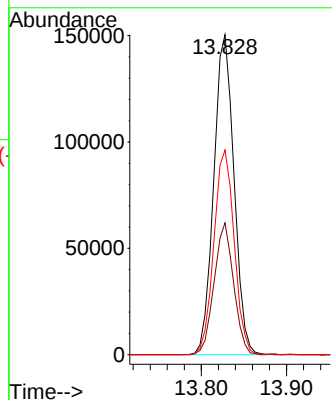
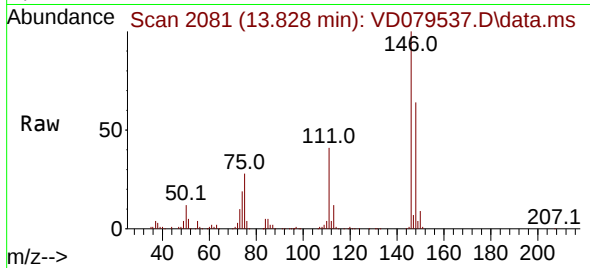




#91
1,2-Dichlorobenzene
Concen: 52.249 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

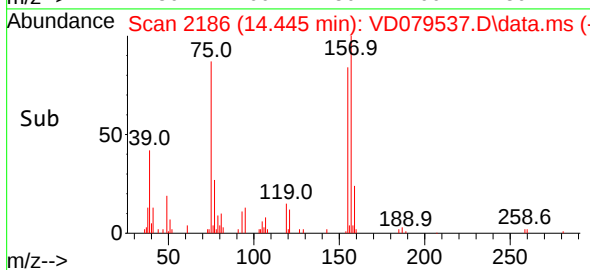
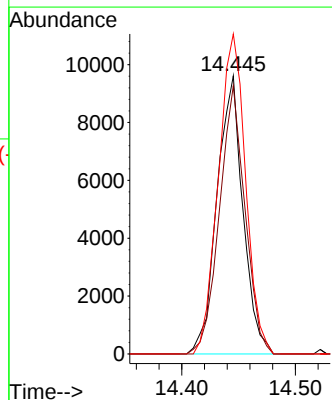
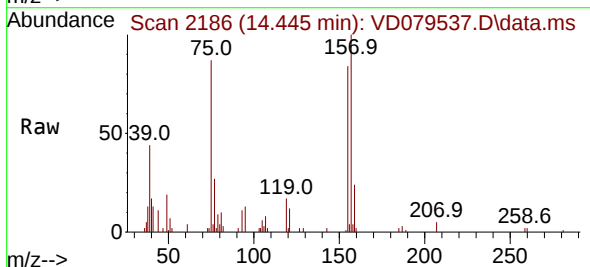
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

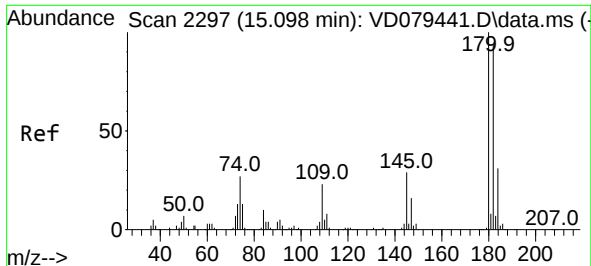
Tgt Ion:146 Resp: 248457
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.1
148 64.2 31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.059 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion: 75 Resp: 15246
Ion Ratio Lower Upper
75 100
155 95.2 47.7 143.1
157 121.0 63.4 190.2

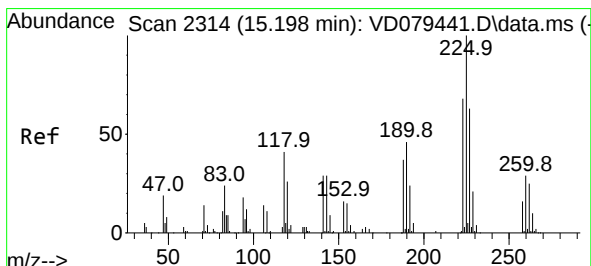
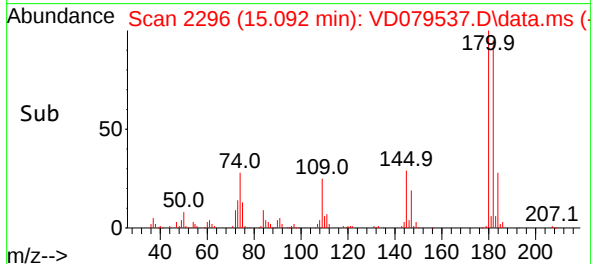
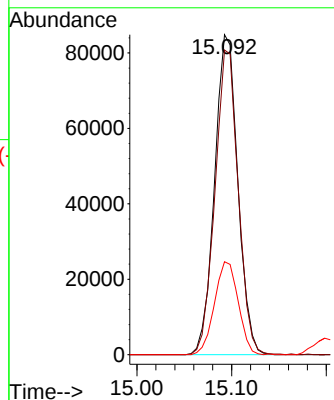
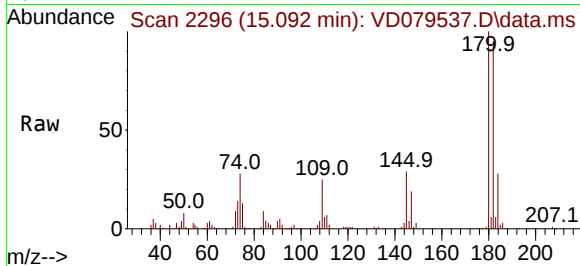




#93
 1,2,4-Trichlorobenzene
 Concen: 48.253 ug/l
 RT: 15.092 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

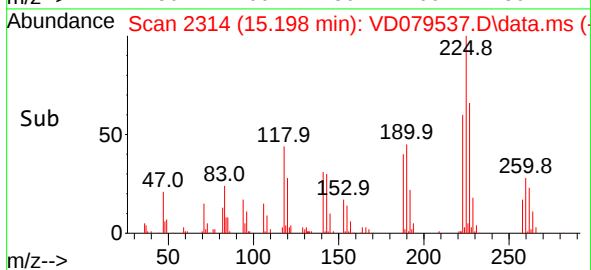
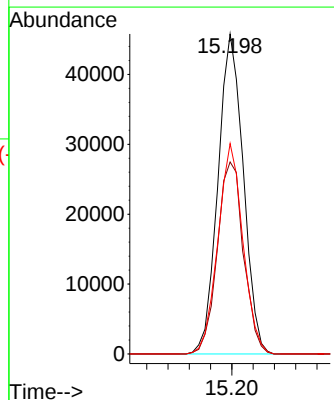
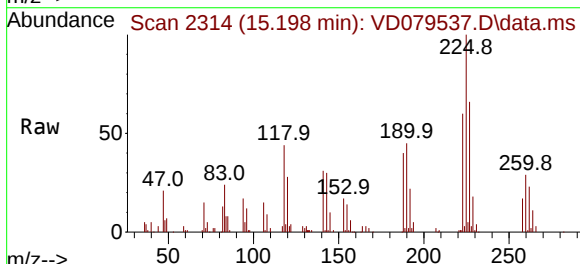
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

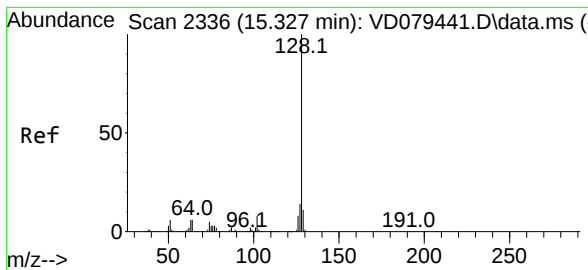
Tgt Ion:180 Resp: 144571
 Ion Ratio Lower Upper
 180 100
 182 95.1 46.9 140.7
 145 29.7 14.0 41.9



#94
 Hexachlorobutadiene
 Concen: 46.714 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. 0.000 min
 Lab File: VD079537.D
 Acq: 01 Aug 2024 20:36

Tgt Ion:225 Resp: 75539
 Ion Ratio Lower Upper
 225 100
 223 62.0 33.3 99.9
 227 64.9 33.6 100.6

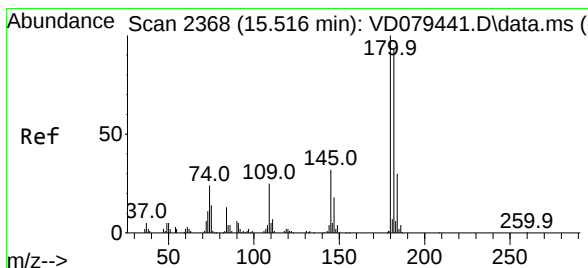
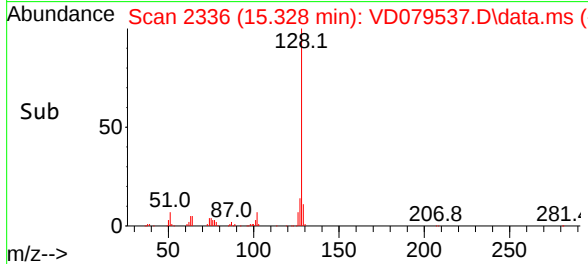
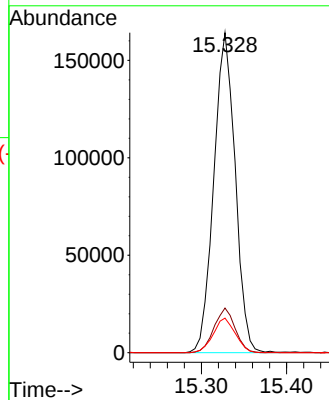
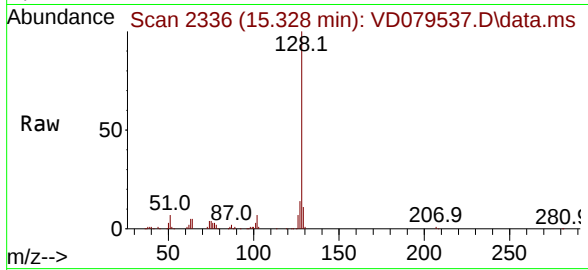




#95
Naphthalene
Concen: 55.200 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 286248
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 51.335 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079537.D
Acq: 01 Aug 2024 20:36

Tgt Ion:180 Resp: 135293
Ion Ratio Lower Upper
180 100
182 92.4 47.8 143.3
145 29.9 16.1 48.2

