

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079529.D
 Acq On : 01 Aug 2024 16:54
 Operator : RP/MD
 Sample : VD0801SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Quant Time: Aug 02 01:28:57 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	199523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	334588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111070	54.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.600%	
35) Dibromofluoromethane	7.805	113	118590	52.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.740%	
50) Toluene-d8	10.269	98	450519	51.228	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	12.569	95	134009	52.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	31116	19.904	ug/l	99
3) Chloromethane	2.146	50	58657	20.364	ug/l	91
4) Vinyl Chloride	2.276	62	70004	20.440	ug/l	99
5) Bromomethane	2.676	94	45515	19.445	ug/l	99
6) Chloroethane	2.823	64	46000	20.901	ug/l	100
7) Trichlorofluoromethane	3.164	101	71387	20.959	ug/l	100
8) Diethyl Ether	3.587	74	22351	21.724	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	45227	20.995	ug/l	99
10) Methyl Iodide	4.158	142	45554	18.918	ug/l	97
11) Tert butyl alcohol	5.046	59	13600	149.003	ug/l #	83
12) 1,1-Dichloroethene	3.934	96	42787	19.847	ug/l	98
13) Acrolein	3.793	56	17427	116.528	ug/l	97
14) Allyl chloride	4.552	41	56040	19.686	ug/l	87
15) Acrylonitrile	5.252	53	55362	115.150	ug/l	96
16) Acetone	4.022	43	40626	103.132	ug/l	99
17) Carbon Disulfide	4.264	76	137563	19.331	ug/l	100
18) Methyl Acetate	4.564	43	26815	21.925	ug/l #	87
19) Methyl tert-butyl Ether	5.311	73	94033	21.369	ug/l	91
20) Methylene Chloride	4.799	84	77417	17.165	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	49492	20.436	ug/l	87
22) Diisopropyl ether	6.216	45	135356	21.370	ug/l #	90
23) Vinyl Acetate	6.152	43	504248	105.904	ug/l	94
24) 1,1-Dichloroethane	6.105	63	87191	20.542	ug/l	96
25) 2-Butanone	7.087	43	58471	104.698	ug/l	99
26) 2,2-Dichloropropane	7.069	77	69009	20.100	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	55539	20.063	ug/l	87
28) Bromochloromethane	7.422	49	39191	21.056	ug/l	80
29) Tetrahydrofuran	7.452	42	39015	112.727	ug/l #	83
30) Chloroform	7.593	83	91914	21.383	ug/l	94
31) Cyclohexane	7.875	56	64990	19.306	ug/l #	82
32) 1,1,1-Trichloroethane	7.787	97	77279	21.787	ug/l	98
36) 1,1-Dichloropropene	8.005	75	63023	20.389	ug/l	97
37) Ethyl Acetate	7.164	43	31066	24.513	ug/l	95
38) Carbon Tetrachloride	7.987	117	67268	20.702	ug/l	96
39) Methylcyclohexane	9.275	83	71923	19.502	ug/l	93
40) Benzene	8.246	78	202200	20.596	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	15549	22.305	ug/l	88
42) 1,2-Dichloroethane	8.322	62	50427	21.555	ug/l	98
43) Isopropyl Acetate	8.358	43	52686	22.120	ug/l	93
44) Trichloroethene	9.022	130	50204	20.542	ug/l	100
45) 1,2-Dichloropropane	9.305	63	51864	21.708	ug/l	99
46) Dibromomethane	9.393	93	29397	22.195	ug/l	96
47) Bromodichloromethane	9.581	83	69670	21.422	ug/l	95
48) Methyl methacrylate	9.381	41	23362	21.917	ug/l	86
49) 1,4-Dioxane	9.387	88	7136	519.953	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	141174	116.094	ug/l	93
52) Toluene	10.334	92	127285	20.963	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	62138	20.690	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	74763	20.695	ug/l	92
55) 1,1,2-Trichloroethane	10.728	97	38778	22.225	ug/l	97
56) Ethyl methacrylate	10.593	69	44306	21.431	ug/l	90
57) 1,3-Dichloropropane	10.881	76	64994	21.922	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	103417	108.472	ug/l	91
59) 2-Hexanone	10.922	43	97211	114.623	ug/l	94
60) Dibromochloromethane	11.069	129	50042	21.956	ug/l	99
61) 1,2-Dibromoethane	11.175	107	34792	21.285	ug/l	93
64) Tetrachloroethene	10.804	164	43368	20.016	ug/l	96
65) Chlorobenzene	11.604	112	139802	19.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	47920	20.470	ug/l	99
67) Ethyl Benzene	11.681	91	225467	19.357	ug/l	98
68) m/p-Xylenes	11.793	106	182342	39.458	ug/l	94
69) o-Xylene	12.116	106	82350	19.442	ug/l	92
70) Styrene	12.134	104	148701	20.024	ug/l	97
71) Bromoform	12.299	173	29219	22.079	ug/l #	98
73) Isopropylbenzene	12.416	105	207669	19.409	ug/l	100
74) N-amyl acetate	12.228	43	50925	21.248	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	46616	22.022	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	57104	40.092	ug/l #	100
77) Bromobenzene	12.698	156	56094	20.530	ug/l	91
78) n-propylbenzene	12.763	91	267617	19.648	ug/l	98
79) 2-Chlorotoluene	12.846	91	148594	19.592	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	181572	20.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	15512	20.772	ug/l	96
82) 4-Chlorotoluene	12.946	91	158431	20.038	ug/l	100
83) tert-Butylbenzene	13.163	119	151163	19.573	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	183656	20.179	ug/l	100
85) sec-Butylbenzene	13.340	105	235431	19.501	ug/l	100
86) p-Isopropyltoluene	13.457	119	197128	19.800	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	116614	20.604	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	112561	20.229	ug/l	97
89) n-Butylbenzene	13.787	91	183747	19.882	ug/l	99
90) Hexachloroethane	14.051	117	43283	20.497	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	99490	20.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	6095	21.639	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	58260	19.117	ug/l	97
94) Hexachlorobutadiene	15.198	225	32788	19.934	ug/l	94
95) Naphthalene	15.328	128	107928	20.461	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	50879	18.979	ug/l	98

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

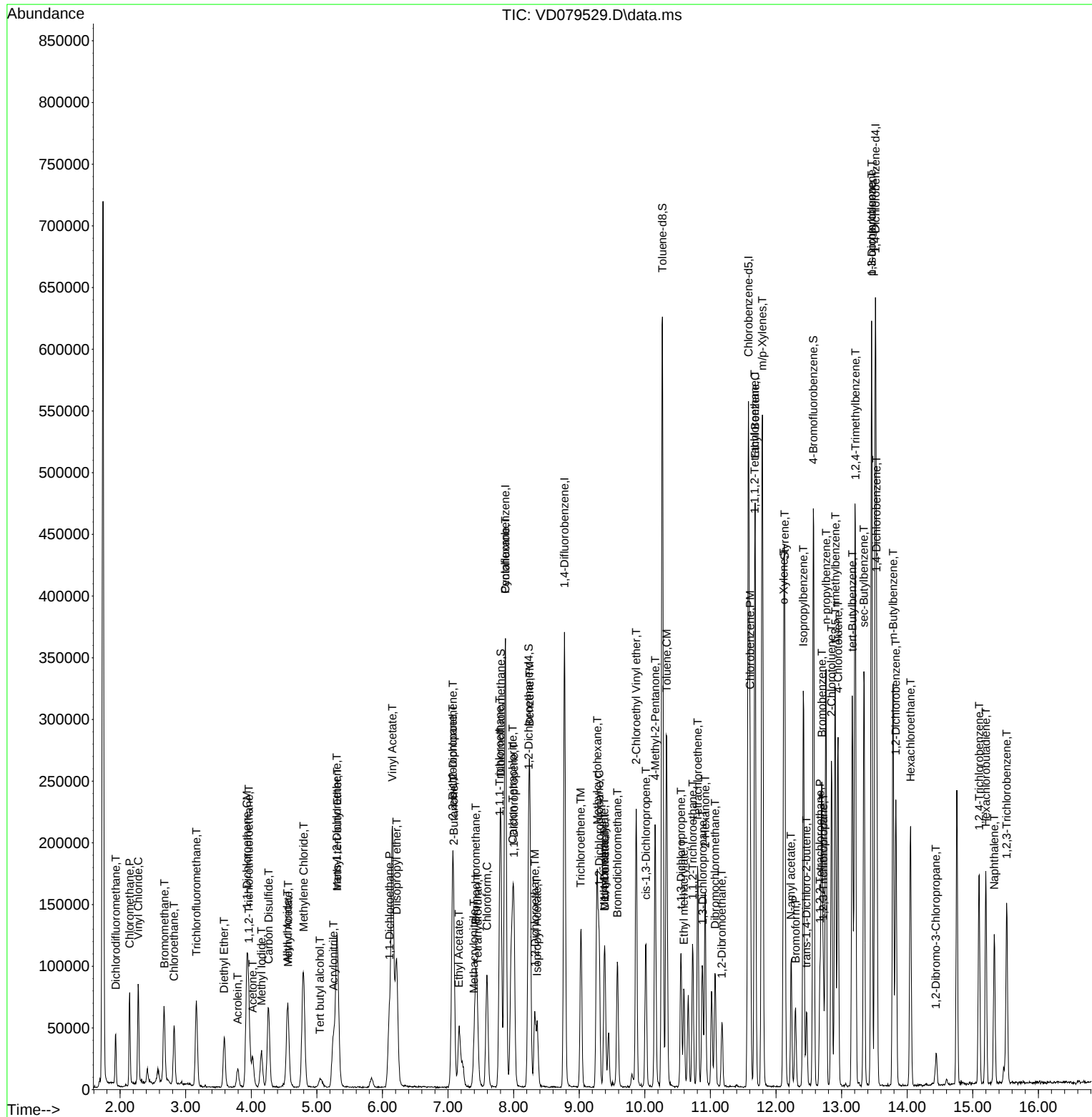
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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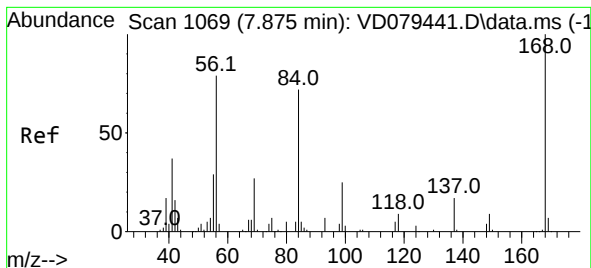
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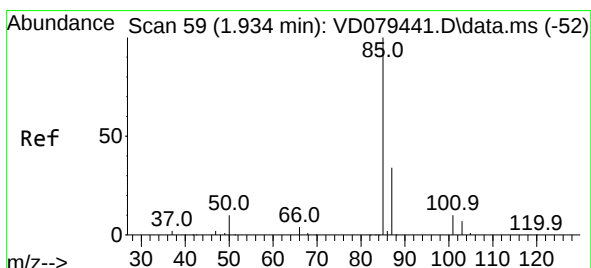
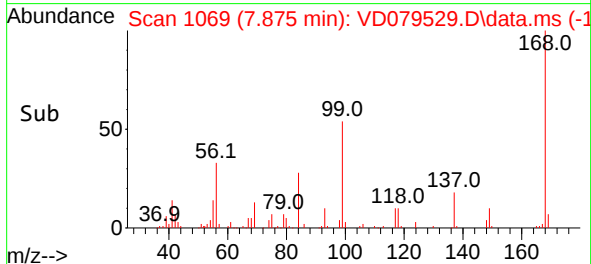
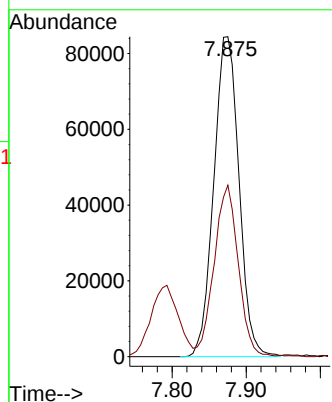
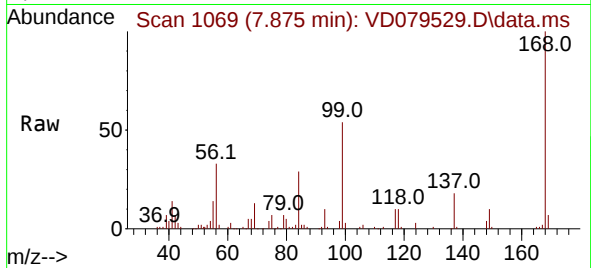




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079529.D
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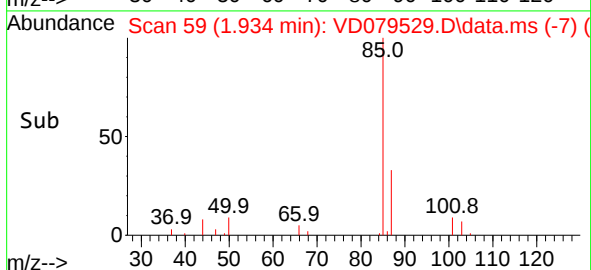
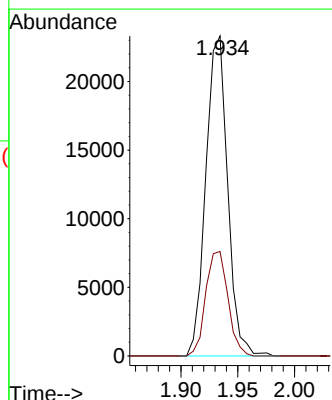
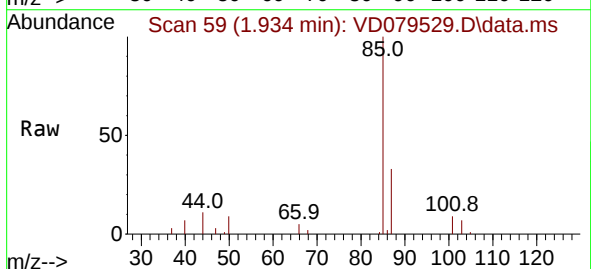
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

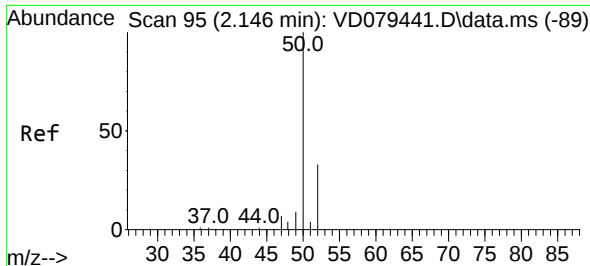
Tgt Ion:168 Resp: 199523
Ion Ratio Lower Upper
168 100
99 53.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 19.904 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 85 Resp: 31116
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0

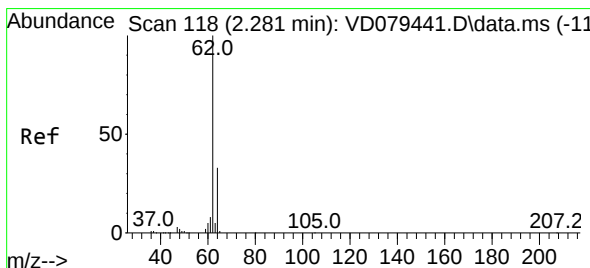
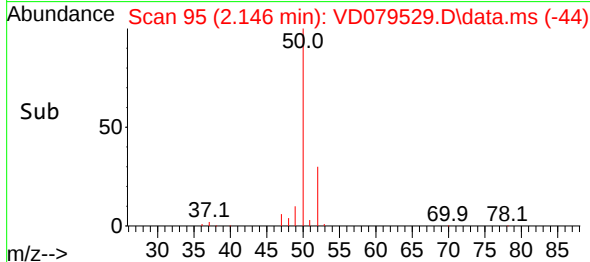
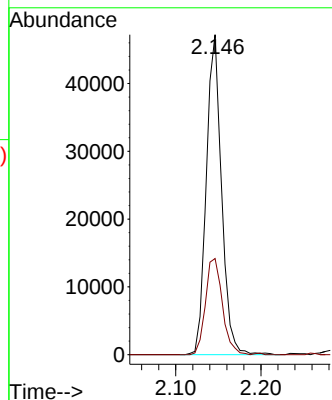
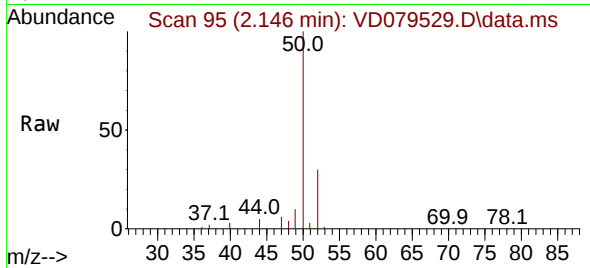




#3
Chloromethane
Concen: 20.364 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

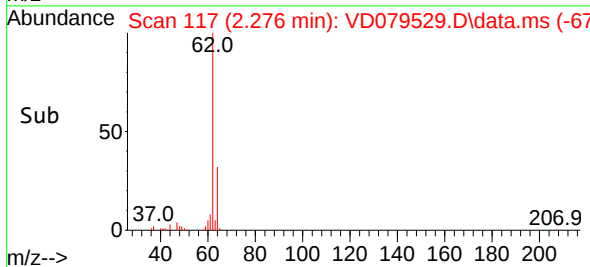
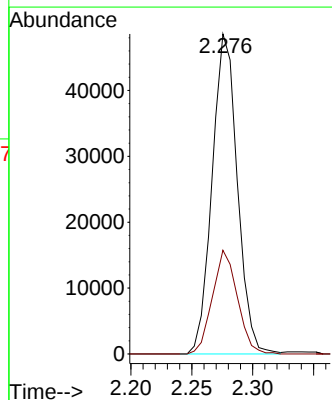
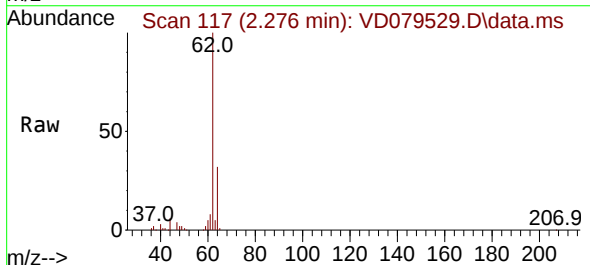
Instrument :
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ClientSampleId :
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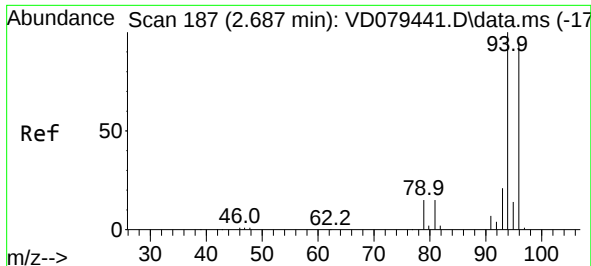
Tgt Ion: 50 Resp: 58657
Ion Ratio Lower Upper
50 100
52 30.0 28.2 42.2



#4
Vinyl Chloride
Concen: 20.440 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 62 Resp: 70004
Ion Ratio Lower Upper
62 100
64 32.4 26.3 39.5

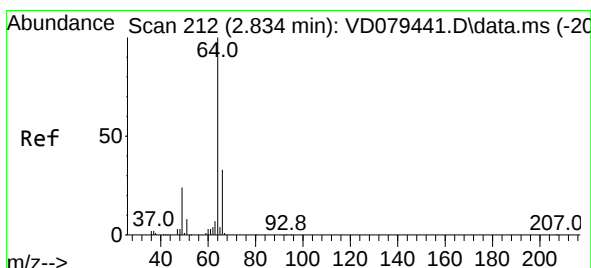
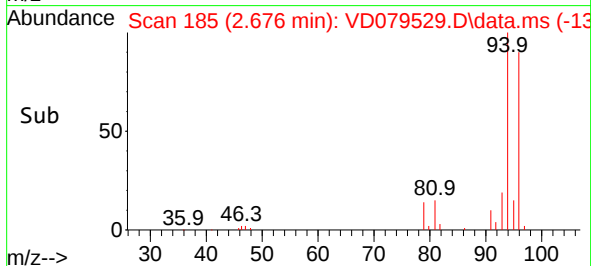
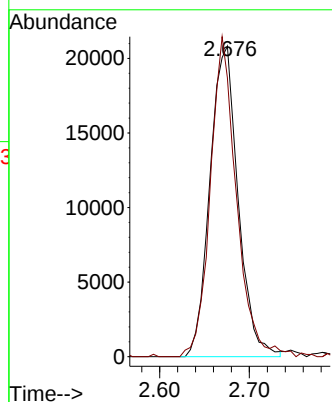
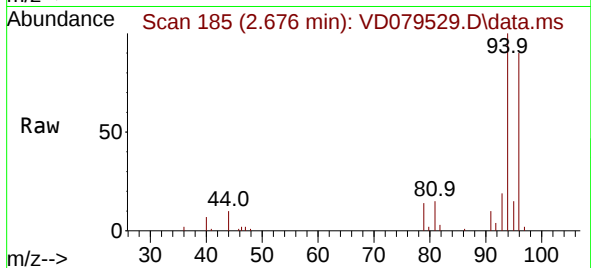




#5
Bromomethane
Concen: 19.445 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.011 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

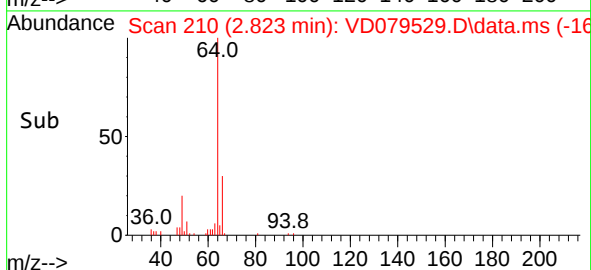
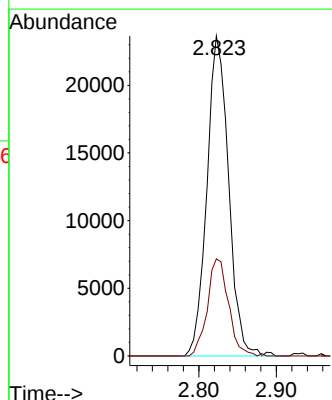
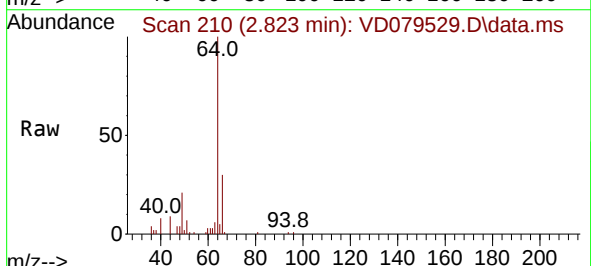
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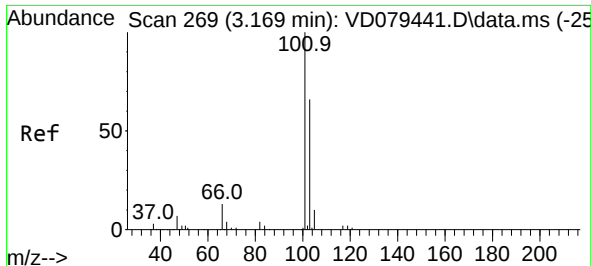
Tgt Ion: 94 Resp: 45515
Ion Ratio Lower Upper
94 100
96 95.3 76.9 115.3



#6
Chloroethane
Concen: 20.901 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD079529.D
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Tgt Ion: 64 Resp: 46000
Ion Ratio Lower Upper
64 100
66 30.3 24.5 36.7

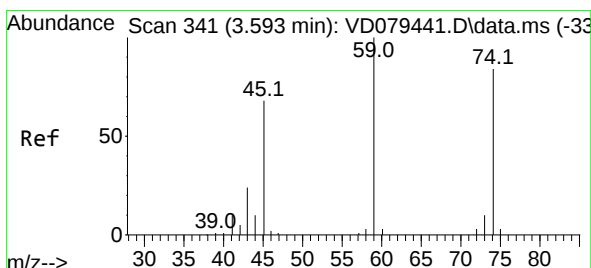
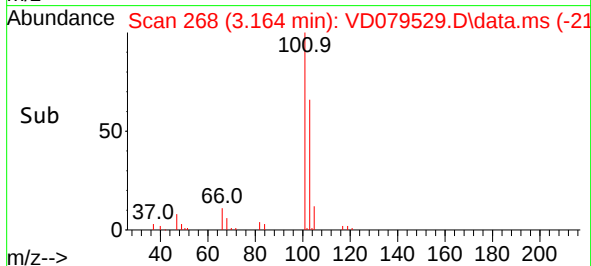
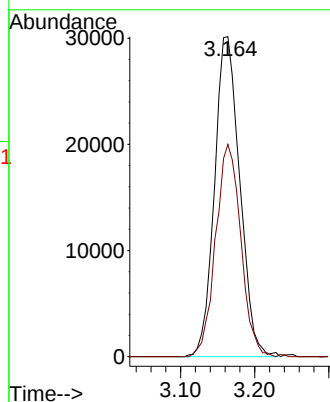
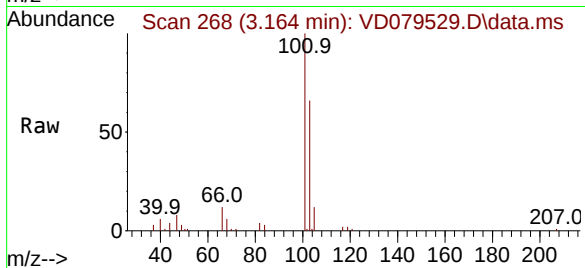




#7
Trichlorofluoromethane
Concen: 20.959 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

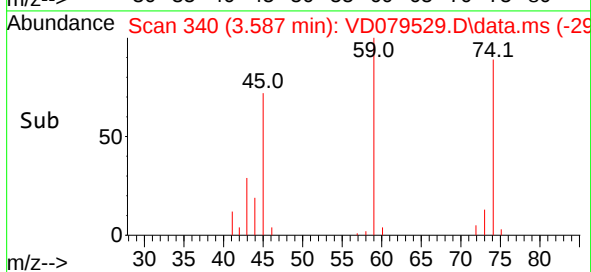
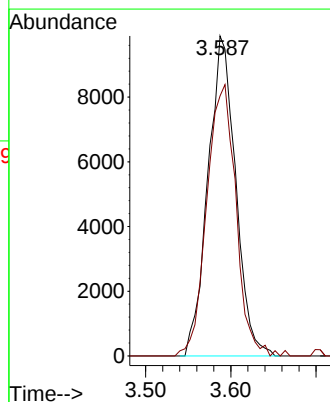
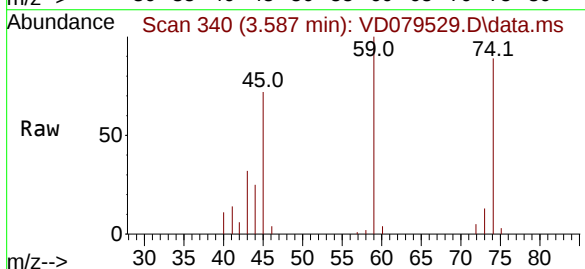
Instrument :
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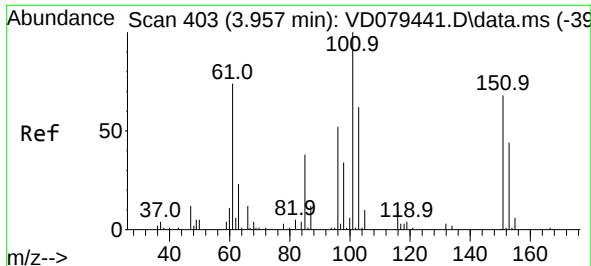
Tgt Ion:101 Resp: 71387
Ion Ratio Lower Upper
101 100
103 66.3 53.2 79.8



#8
Diethyl Ether
Concen: 21.724 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 74 Resp: 22351
Ion Ratio Lower Upper
74 100
45 89.3 37.9 113.6

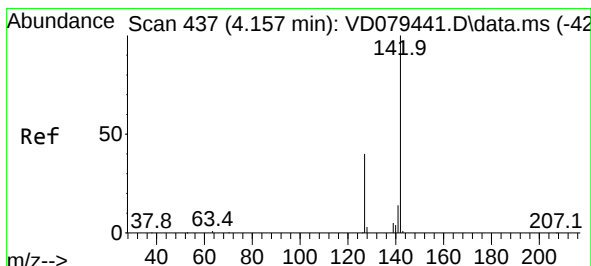
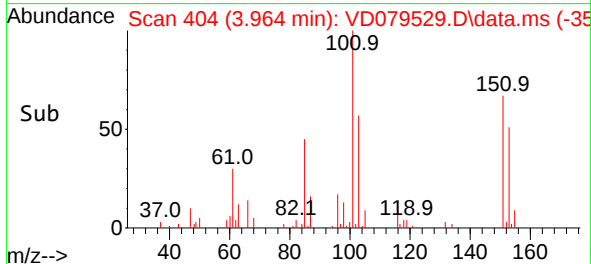
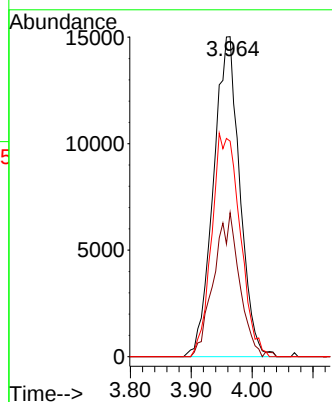
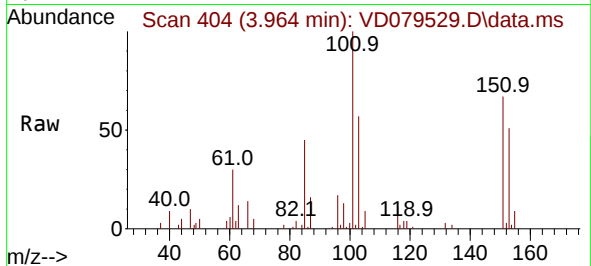




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.995 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

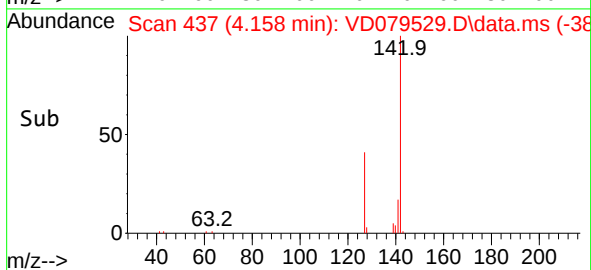
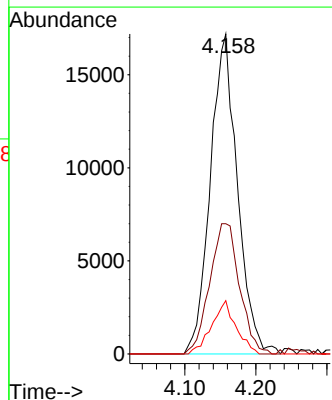
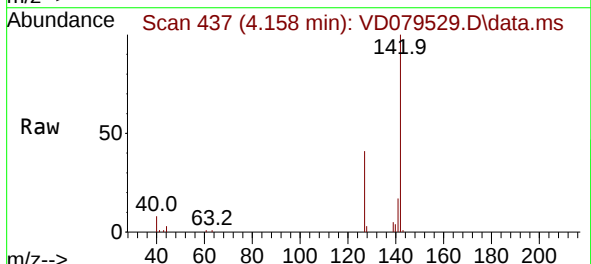
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

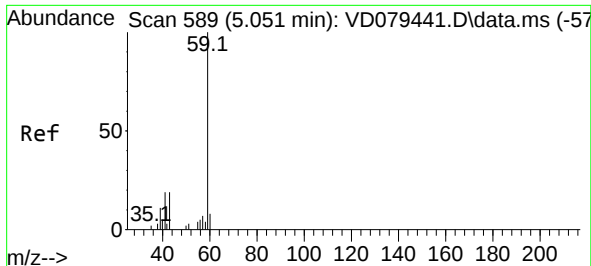
Tgt Ion:101 Resp: 45227
Ion Ratio Lower Upper
101 100
85 43.6 33.5 50.3
151 74.8 60.3 90.5



#10
Methyl Iodide
Concen: 18.918 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:142 Resp: 45554
Ion Ratio Lower Upper
142 100
127 44.8 34.2 51.4
141 15.0 11.7 17.5

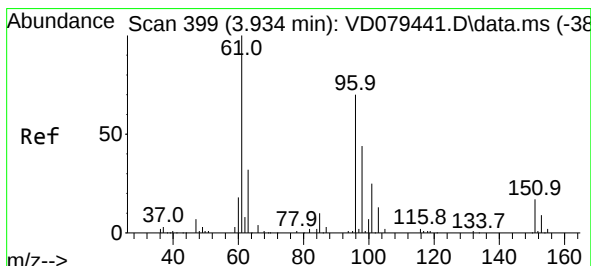
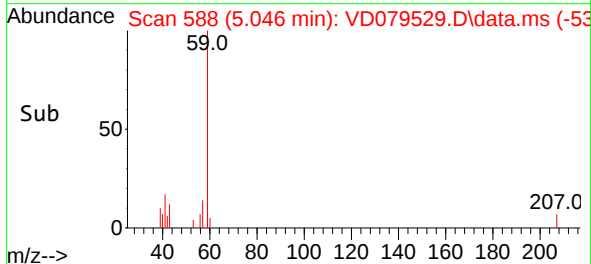
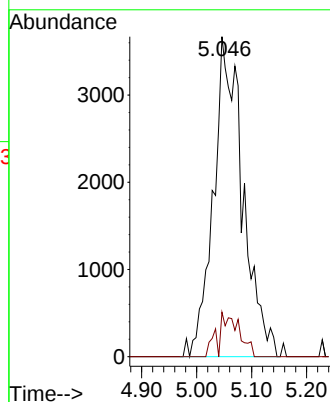
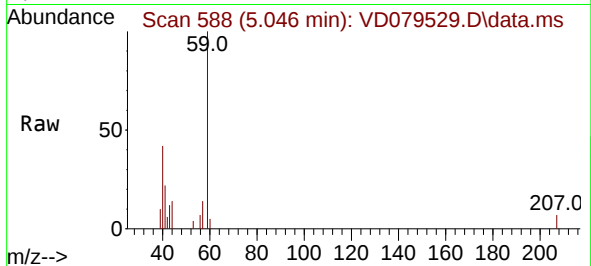




#11
Tert butyl alcohol
Concen: 149.003 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

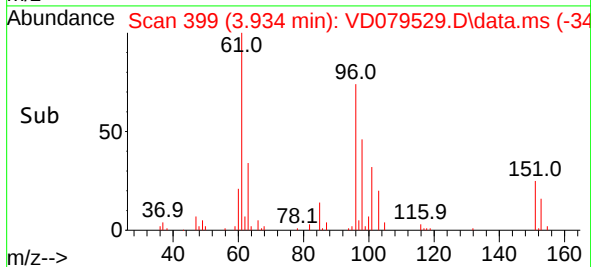
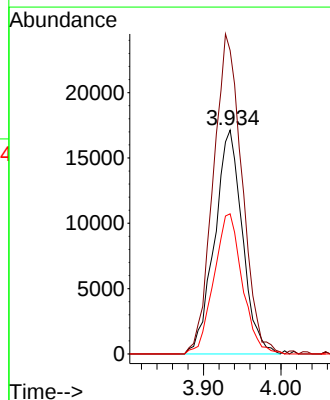
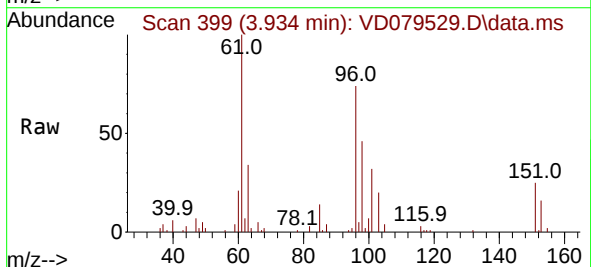
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

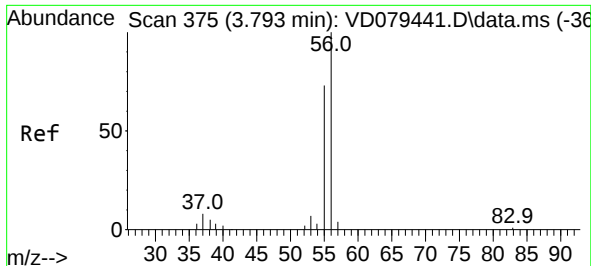
Tgt Ion: 59 Resp: 13600
Ion Ratio Lower Upper
59 100
57 10.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 19.847 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 96 Resp: 42787
Ion Ratio Lower Upper
96 100
61 135.6 107.3 160.9
98 62.6 51.7 77.5





#13

Acrolein

Concen: 116.528 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

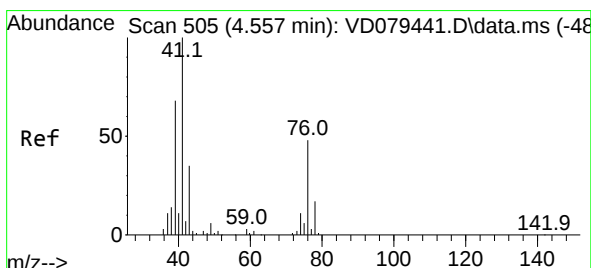
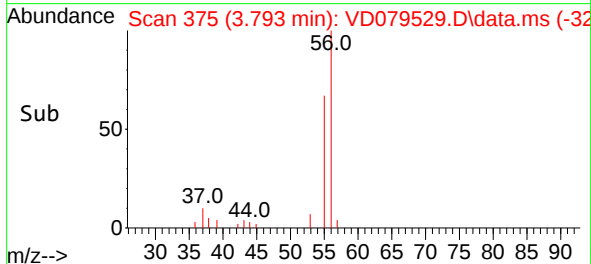
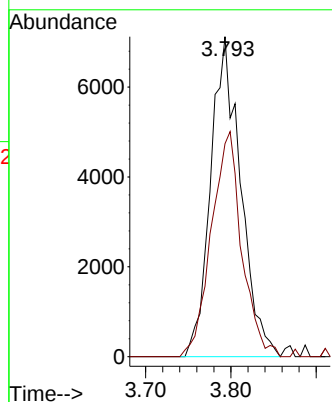
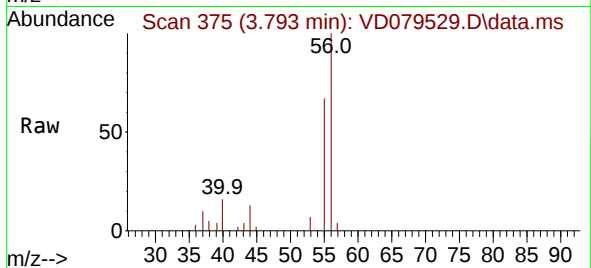
VD0801SBS01

Tgt Ion: 56 Resp: 17427

Ion Ratio Lower Upper

56 100

55 71.2 55.3 82.9



#14

Allyl chloride

Concen: 19.686 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

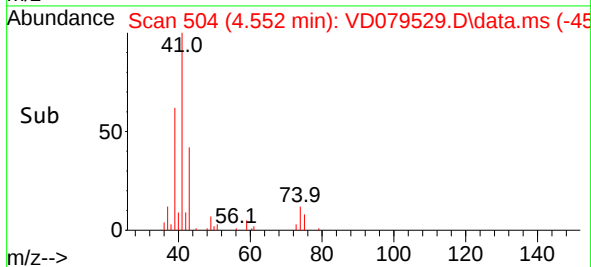
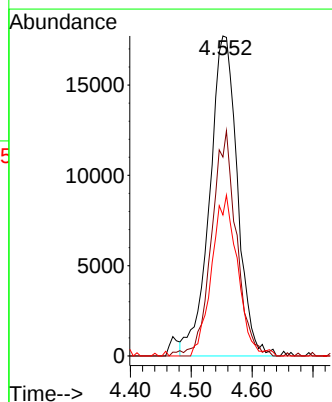
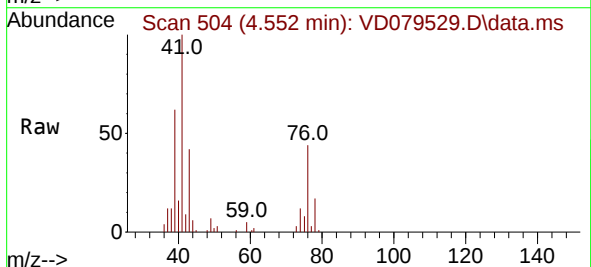
Tgt Ion: 41 Resp: 56040

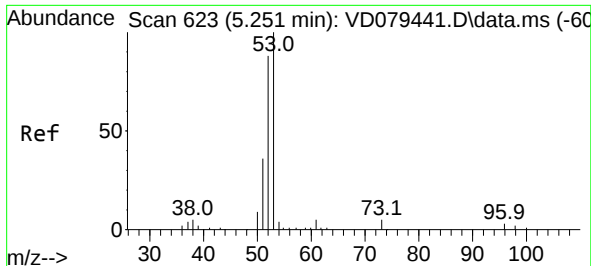
Ion Ratio Lower Upper

41 100

39 63.0 58.0 87.0

76 46.4 45.9 68.9

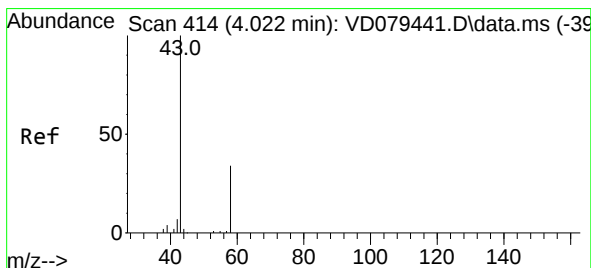
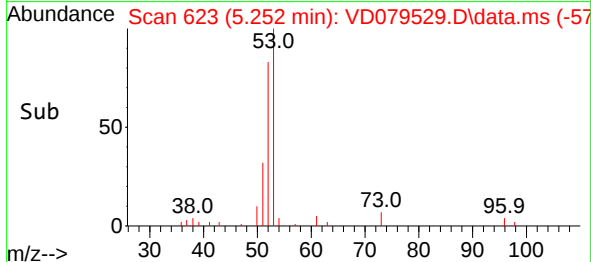
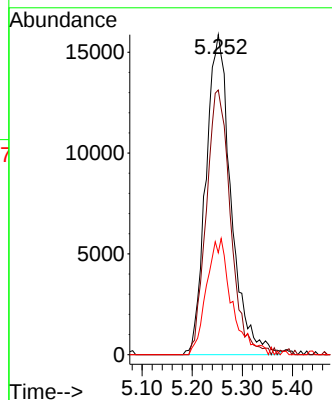
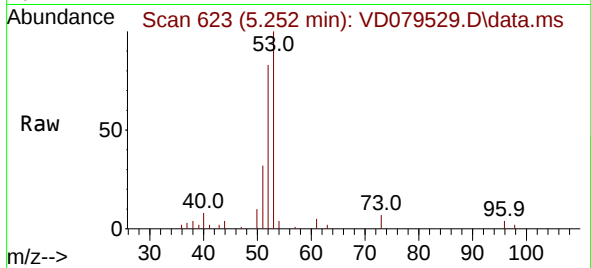




#15
Acrylonitrile
Concen: 115.150 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

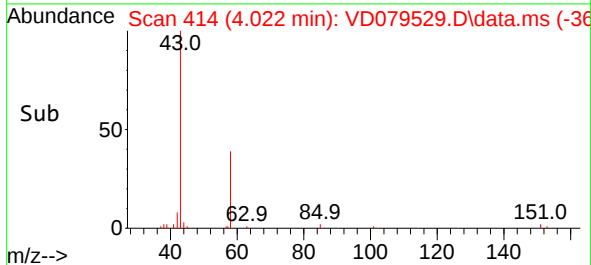
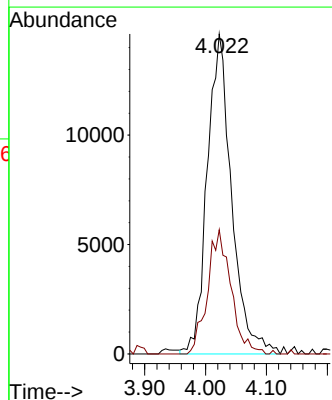
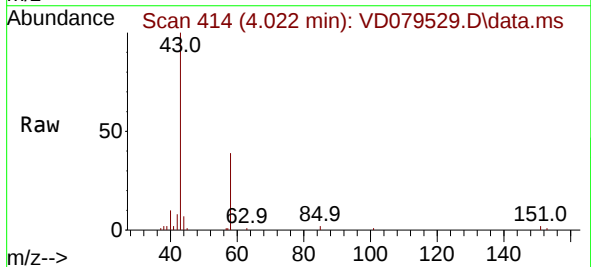
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

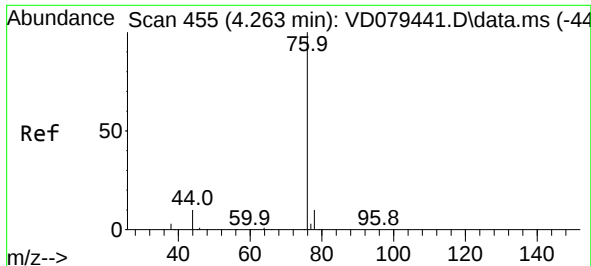
Tgt Ion: 53 Resp: 55362
Ion Ratio Lower Upper
53 100
52 79.7 67.7 101.5
51 36.3 28.6 42.8



#16
Acetone
Concen: 103.132 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 43 Resp: 40626
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

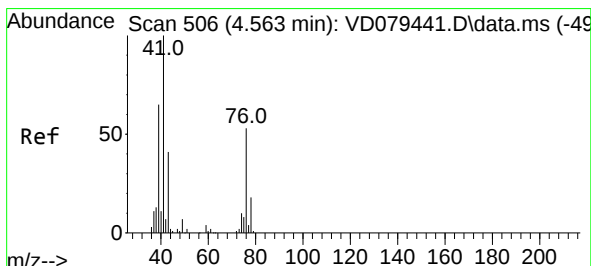
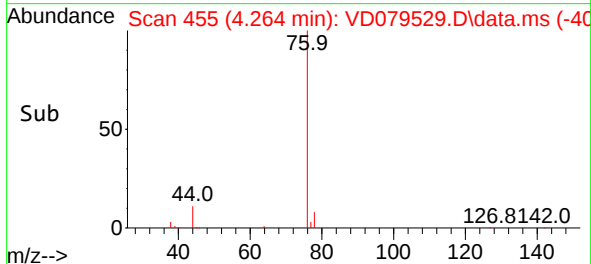
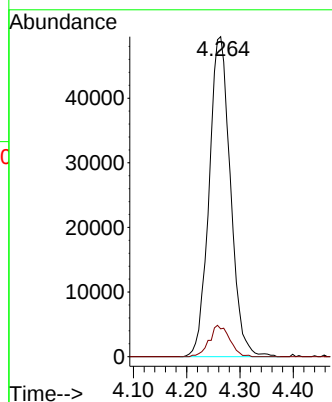
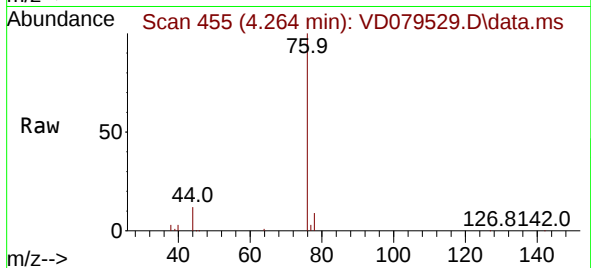




#17
Carbon Disulfide
Concen: 19.331 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

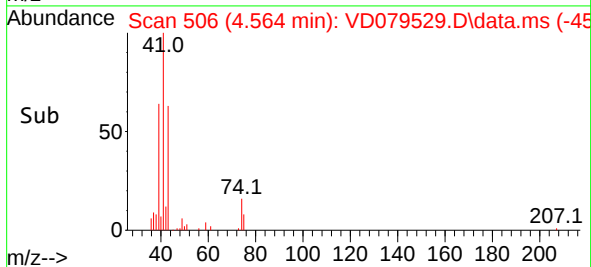
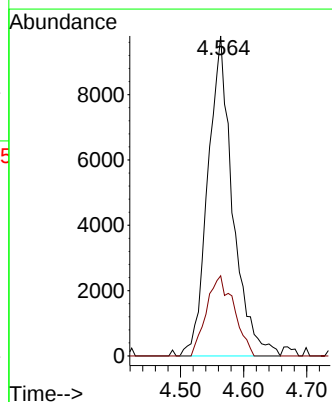
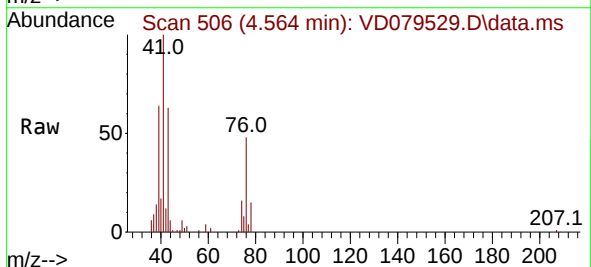
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

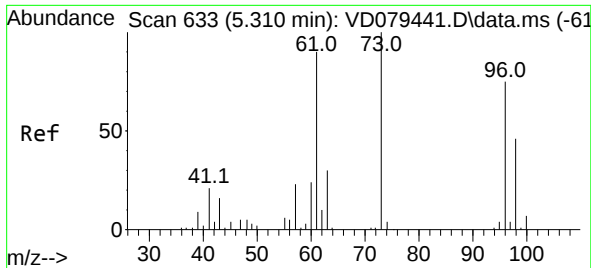
Tgt Ion: 76 Resp: 137563
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 21.925 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 43 Resp: 26815
Ion Ratio Lower Upper
43 100
74 27.7 28.1 42.1#

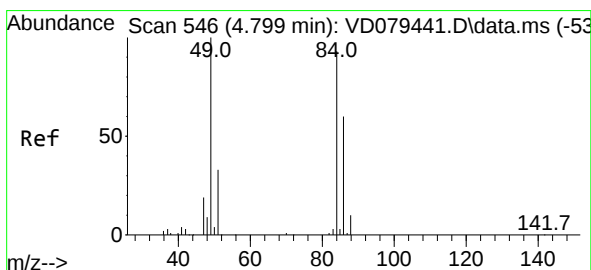
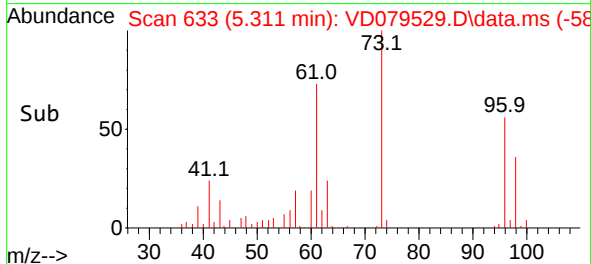
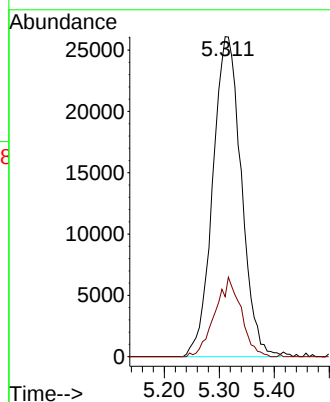
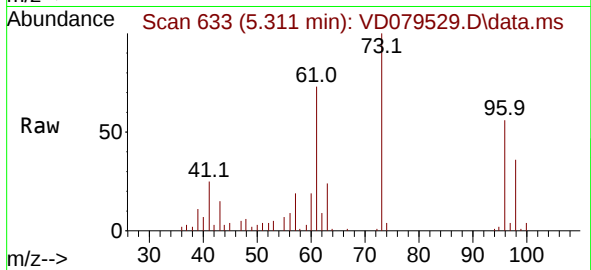




#19
Methyl tert-butyl Ether
Concen: 21.369 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

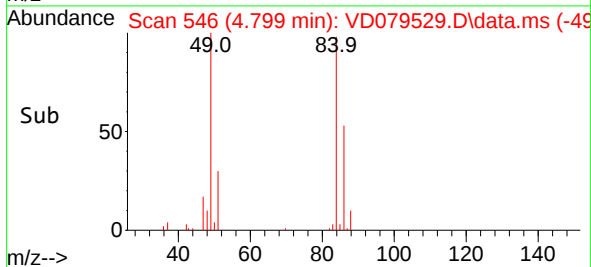
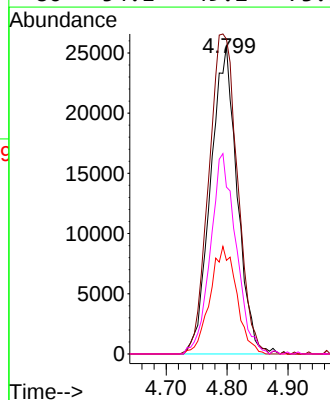
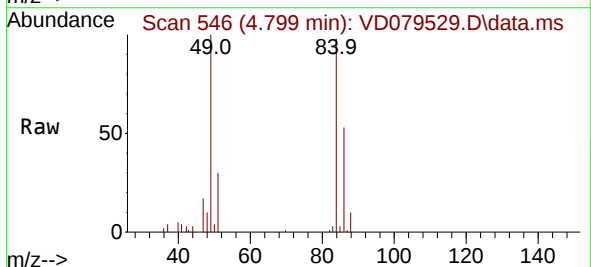
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

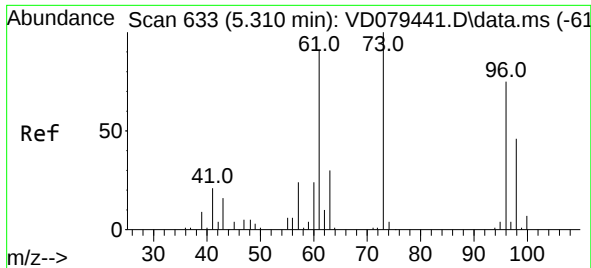
Tgt Ion: 73 Resp: 94033
Ion Ratio Lower Upper
73 100
57 18.7 18.3 27.5



#20
Methylene Chloride
Concen: 17.165 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 84 Resp: 77417
Ion Ratio Lower Upper
84 100
49 102.2 75.6 113.4
51 30.4 24.2 36.2
86 54.1 49.2 73.8

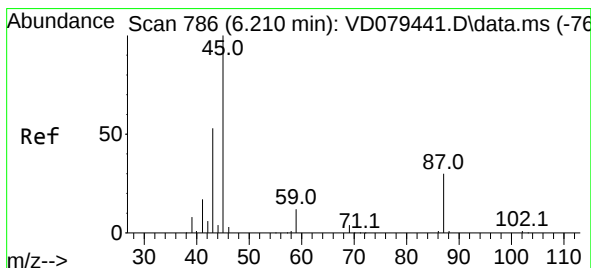
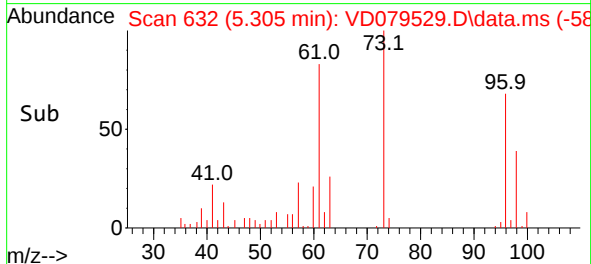
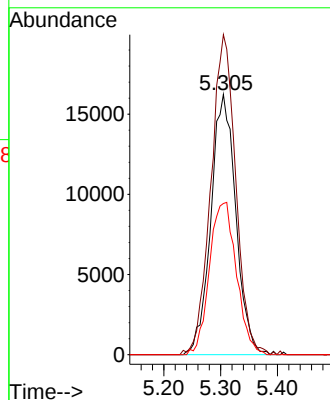
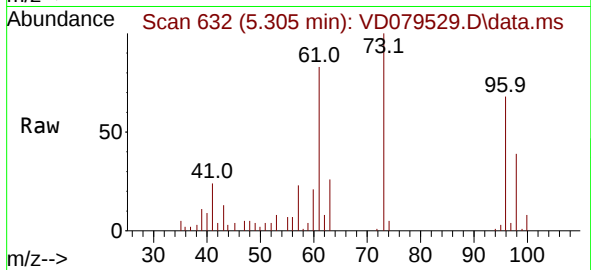




#21
trans-1,2-Dichloroethene
Concen: 20.436 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

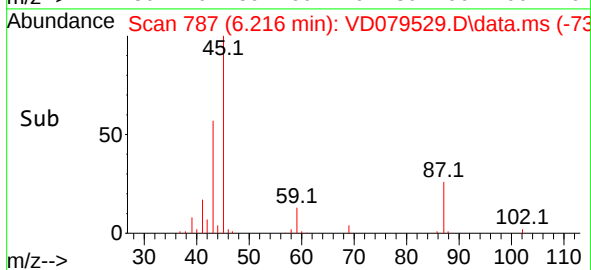
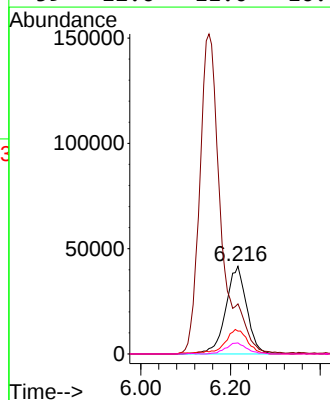
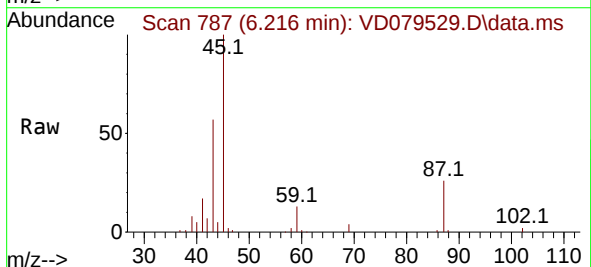
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

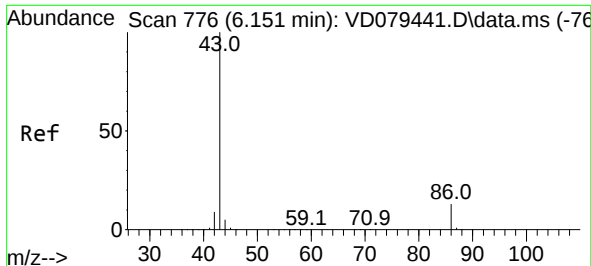
Tgt Ion: 96 Resp: 49492
Ion Ratio Lower Upper
96 100
61 122.9 84.5 126.7
98 58.1 50.5 75.7



#22
Diisopropyl ether
Concen: 21.370 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 45 Resp: 135356
Ion Ratio Lower Upper
45 100
43 56.1 41.7 62.5
87 26.1 30.2 45.2#
59 12.6 11.0 16.6

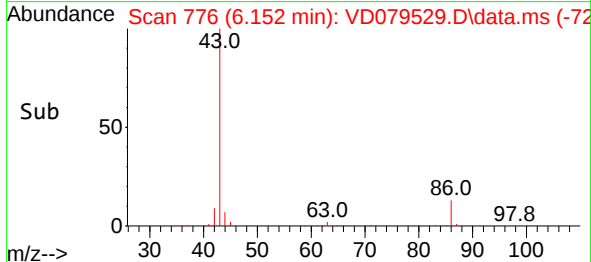
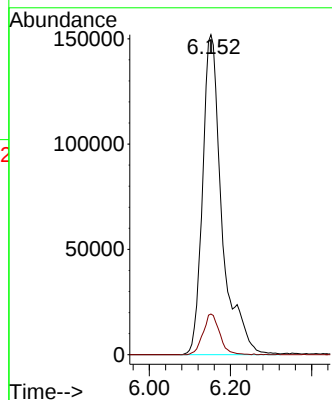
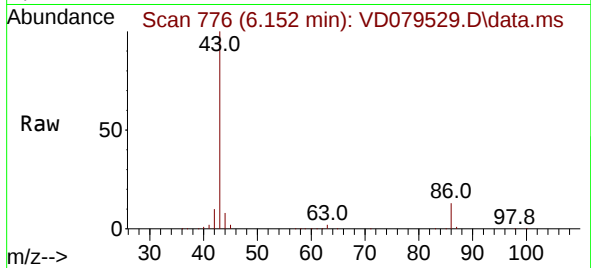




#23
 Vinyl Acetate
 Concen: 105.904 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079529.D
 Acq: 01 Aug 2024 16:54

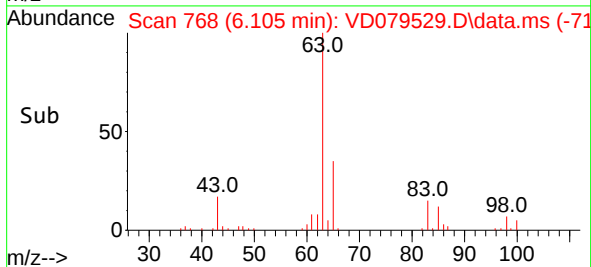
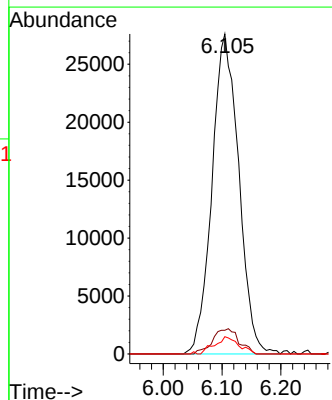
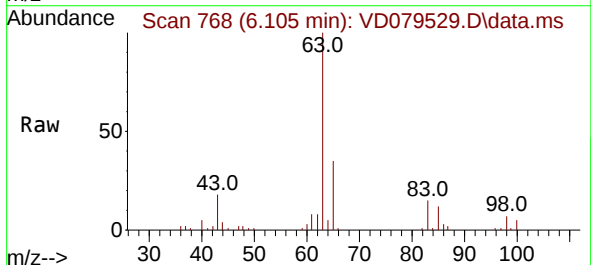
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Tgt Ion: 43 Resp: 504248
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 20.542 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD079529.D
 Acq: 01 Aug 2024 16:54

Tgt Ion: 63 Resp: 87191
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.7 14.0
 100 5.4 2.9 8.6





#25

2-Butanone

Concen: 104.698 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

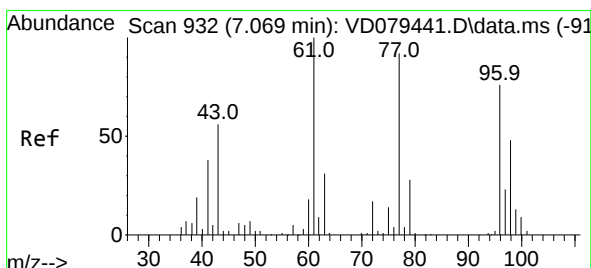
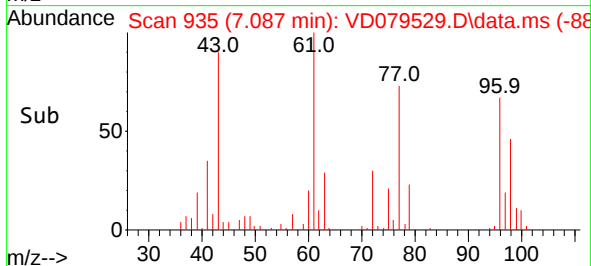
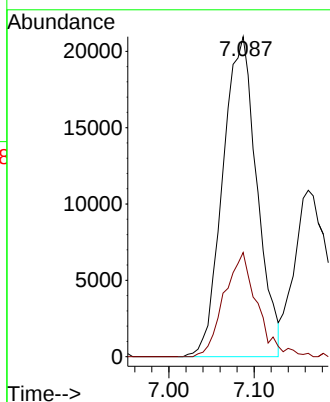
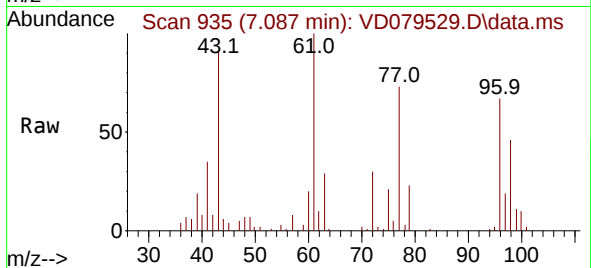
VD0801SBS01

Tgt Ion: 43 Resp: 58471

Ion Ratio Lower Upper

43 100

72 32.5 26.4 39.6



#26

2,2-Dichloropropane

Concen: 20.100 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD079529.D

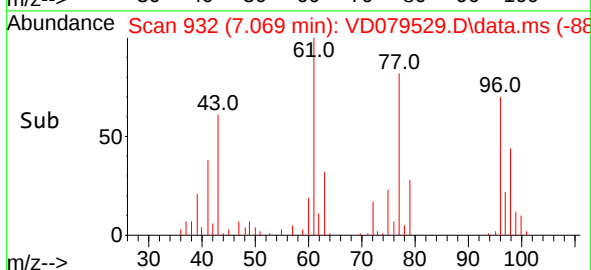
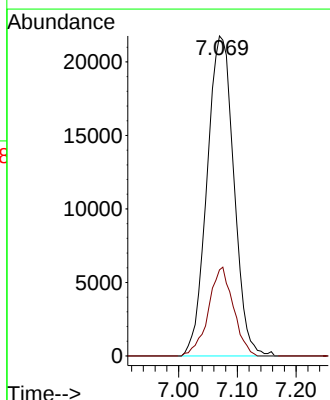
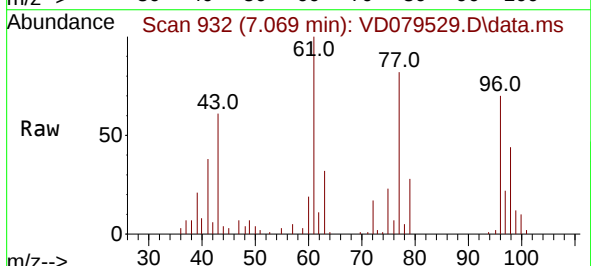
Acq: 01 Aug 2024 16:54

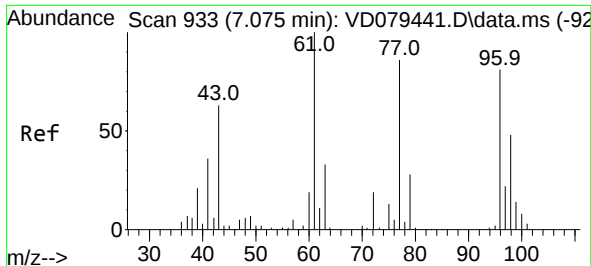
Tgt Ion: 77 Resp: 69009

Ion Ratio Lower Upper

77 100

97 25.7 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.063 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

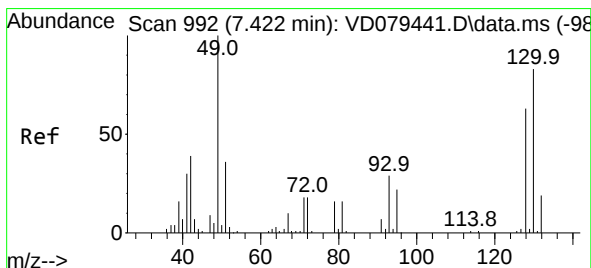
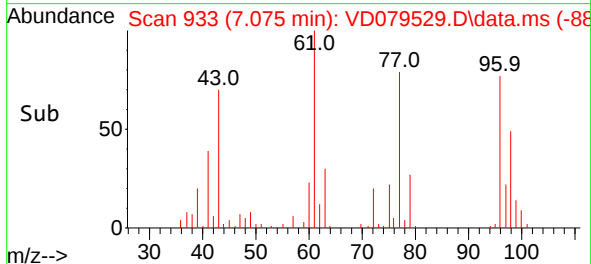
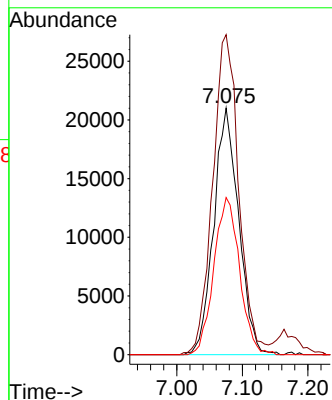
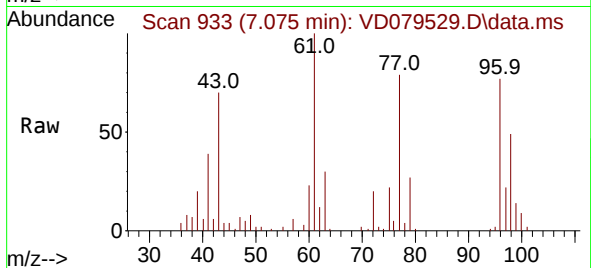
Tgt Ion: 96 Resp: 55539

Ion Ratio Lower Upper

96 100

61 135.5 0.0 229.0

98 65.7 0.0 127.2



#28

Bromochloromethane

Concen: 21.056 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

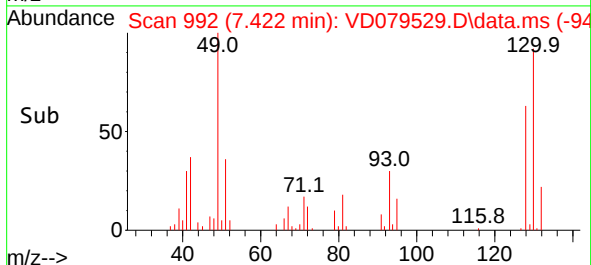
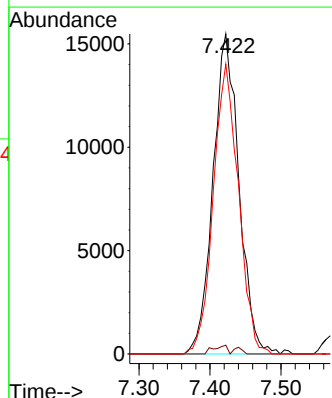
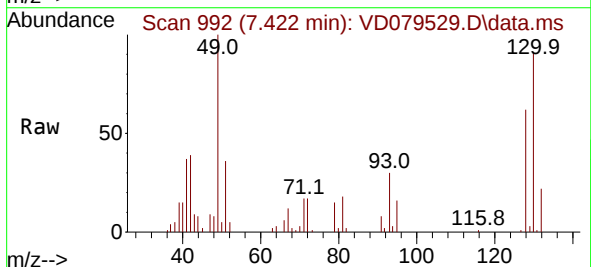
Tgt Ion: 49 Resp: 39191

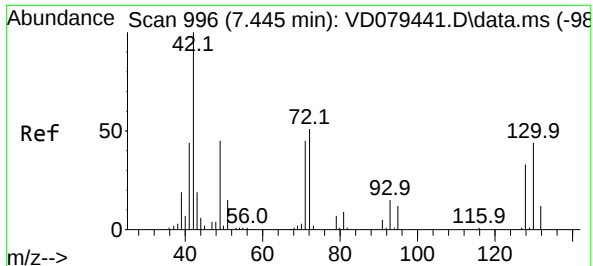
Ion Ratio Lower Upper

49 100

129 1.4 0.0 7.0

130 87.9 87.7 131.5





#29

Tetrahydrofuran

Concen: 112.727 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

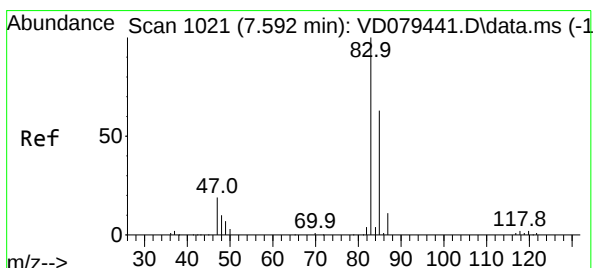
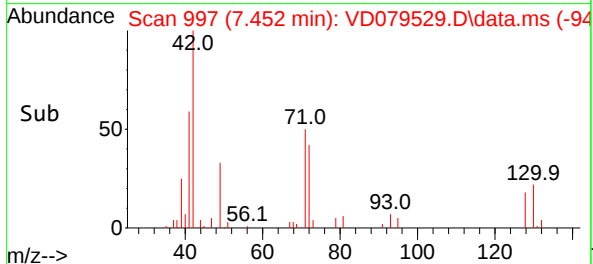
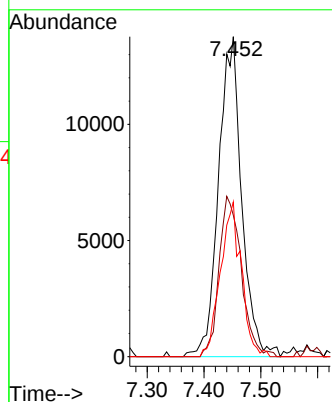
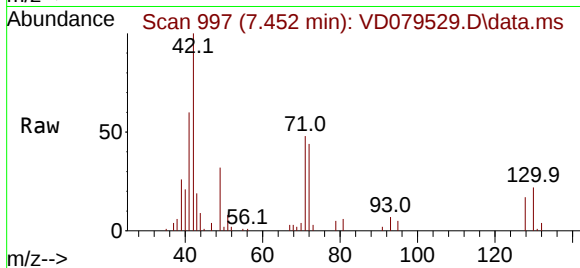
Tgt Ion: 42 Resp: 39015

Ion Ratio Lower Upper

42 100

72 48.3 49.4 74.0#

71 43.8 45.0 67.6#



#30

Chloroform

Concen: 21.383 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD079529.D

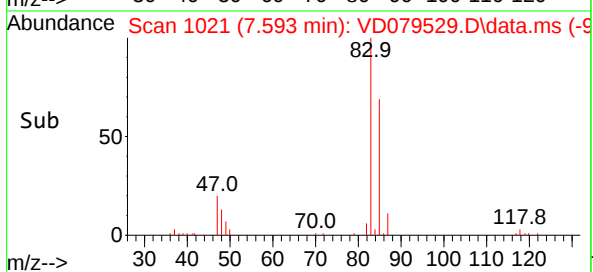
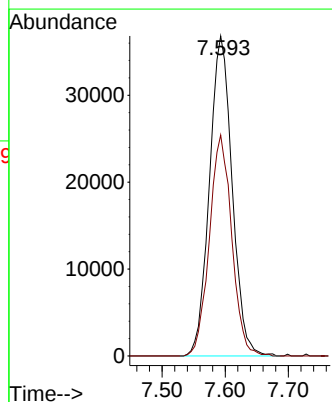
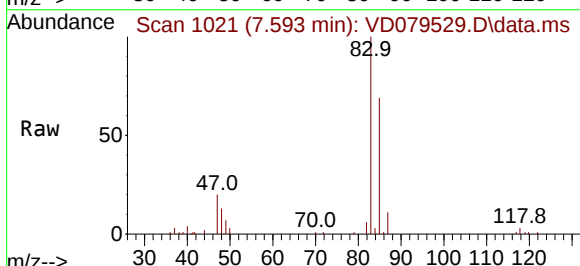
Acq: 01 Aug 2024 16:54

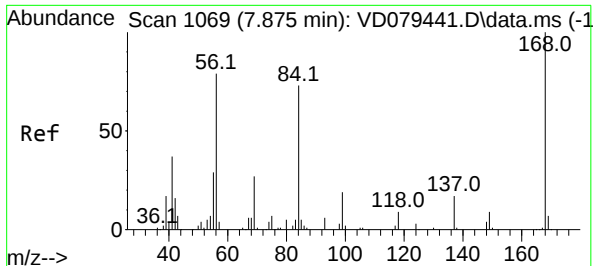
Tgt Ion: 83 Resp: 91914

Ion Ratio Lower Upper

83 100

85 69.0 51.8 77.6

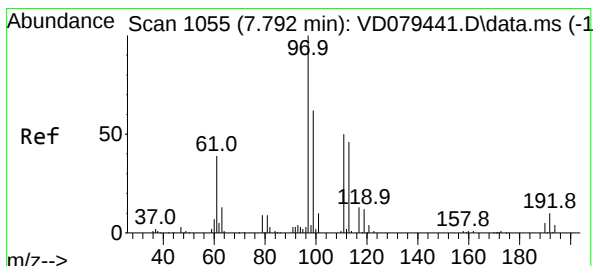
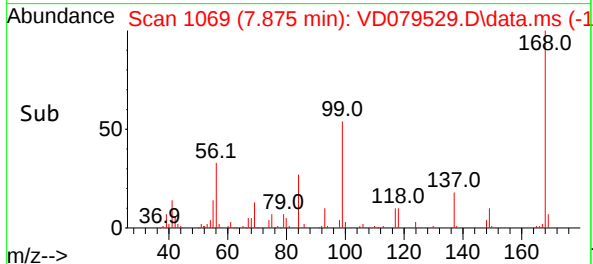
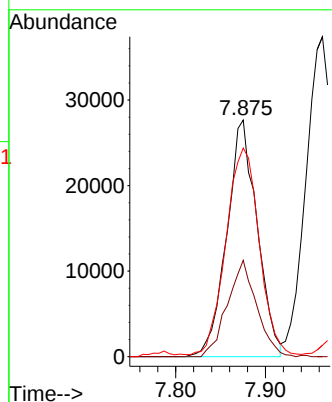
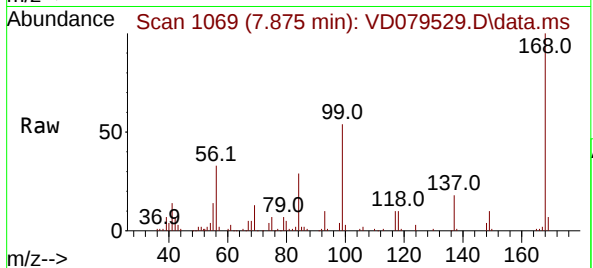




#31
Cyclohexane
Concen: 19.306 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

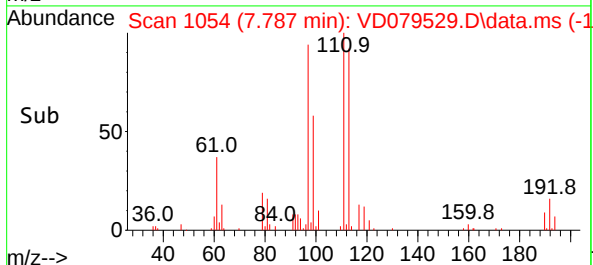
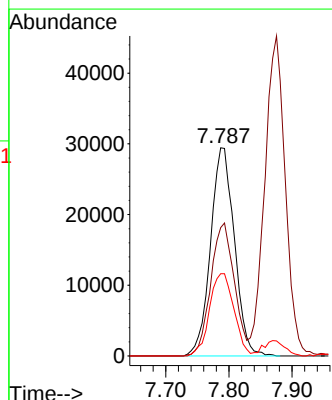
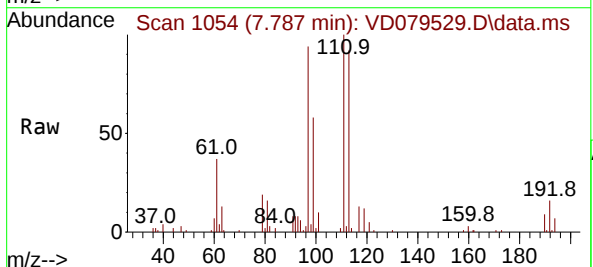
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

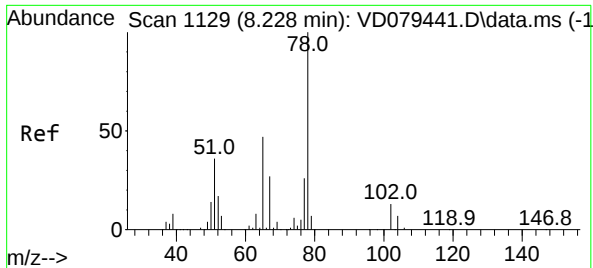
Tgt Ion: 56 Resp: 64990
Ion Ratio Lower Upper
56 100
69 40.7 28.0 42.0
84 87.1 87.4 131.0#



#32
1,1,1-Trichloroethane
Concen: 21.787 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 97 Resp: 77279
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 40.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.796 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

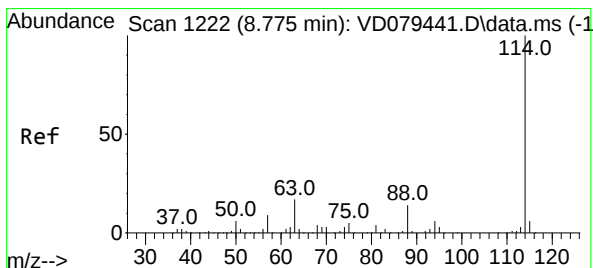
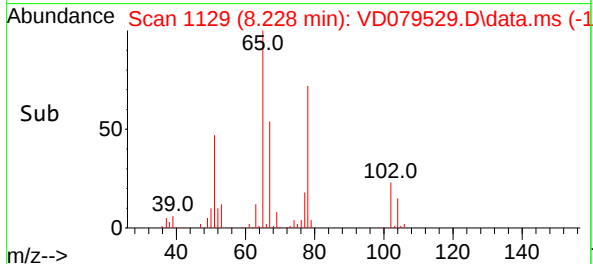
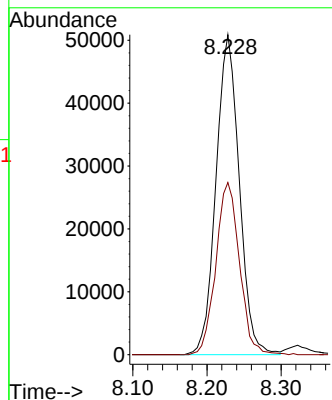
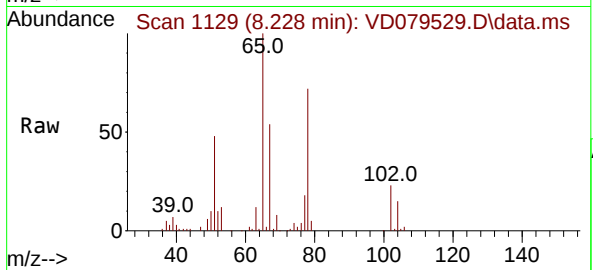
VD0801SBS01

Tgt Ion: 65 Resp: 111070

Ion Ratio Lower Upper

65 100

67 54.6 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: VD079529.D

Acq: 01 Aug 2024 16:54

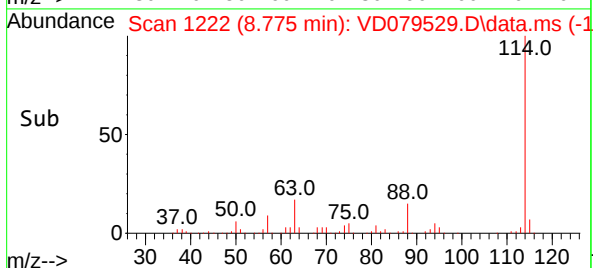
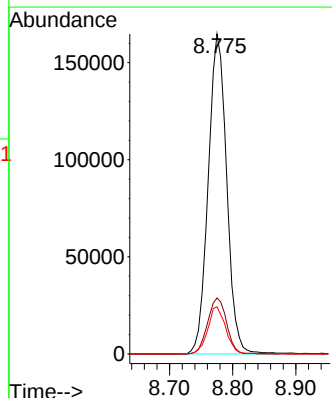
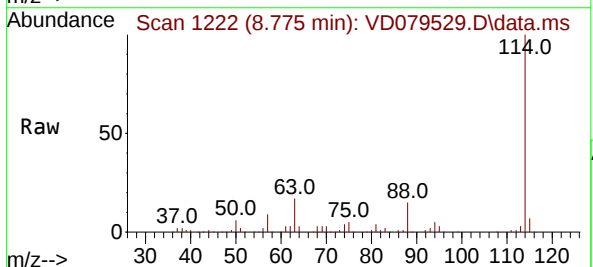
Tgt Ion: 114 Resp: 334588

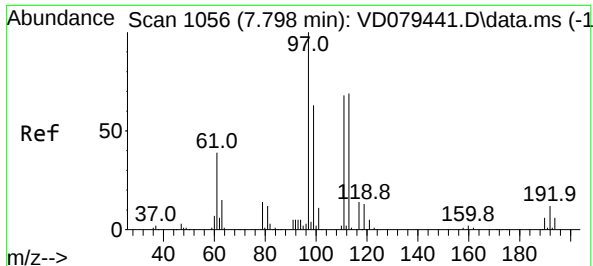
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.366 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

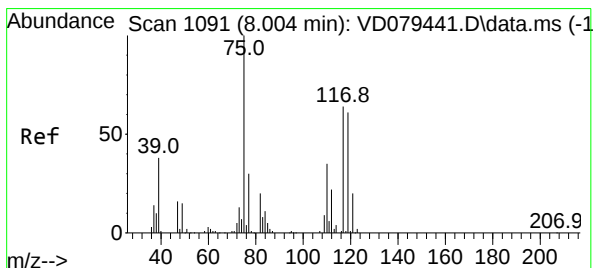
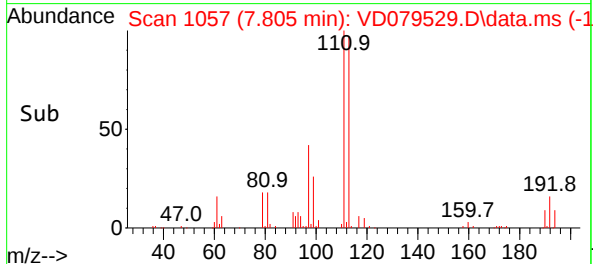
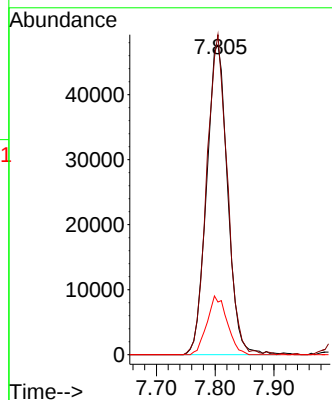
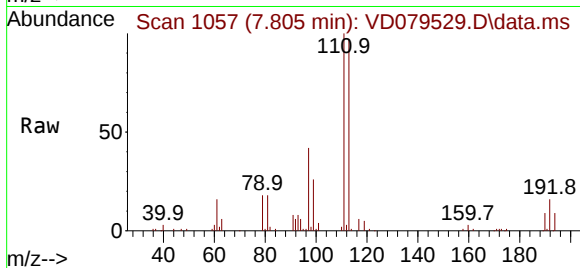
Tgt Ion:113 Resp: 118590

Ion Ratio Lower Upper

113 100

111 100.6 84.0 126.0

192 18.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.389 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

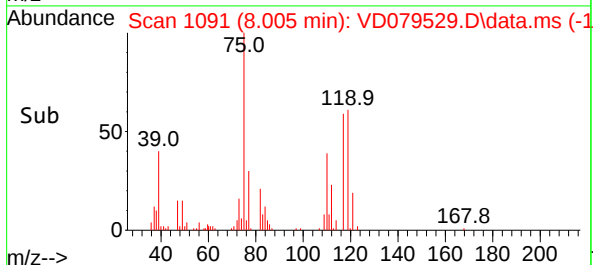
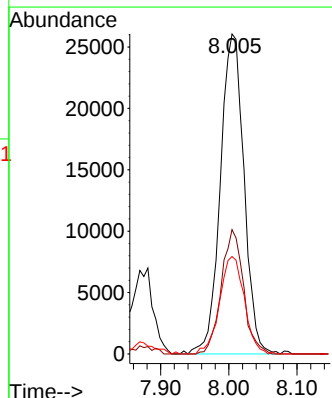
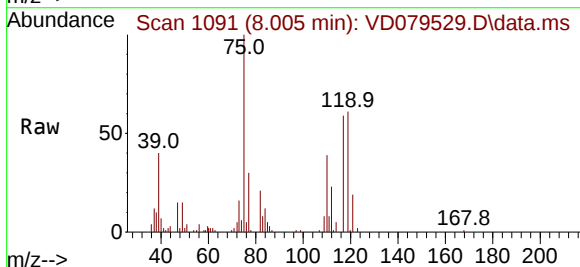
Tgt Ion: 75 Resp: 63023

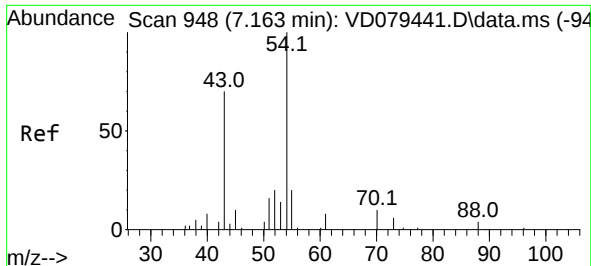
Ion Ratio Lower Upper

75 100

110 36.3 19.6 58.7

77 31.7 26.1 39.1





#37

Ethyl Acetate

Concen: 24.513 ug/l

RT: 7.164 min Scan# 948

Delta R.T. -0.012 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

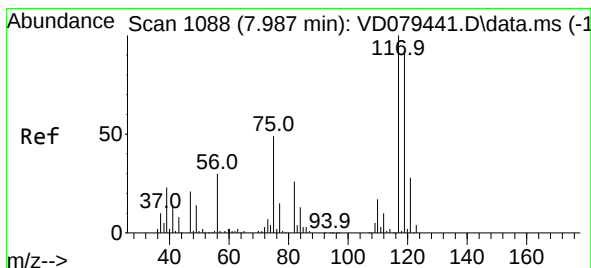
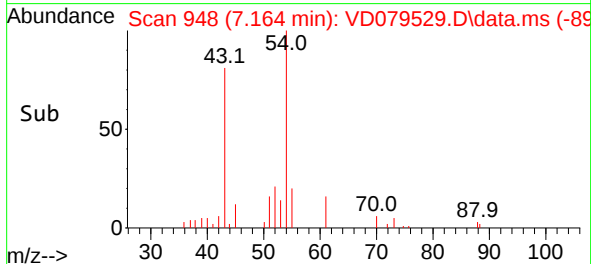
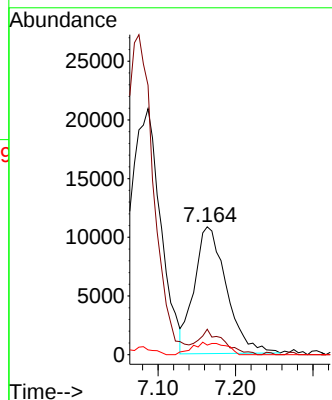
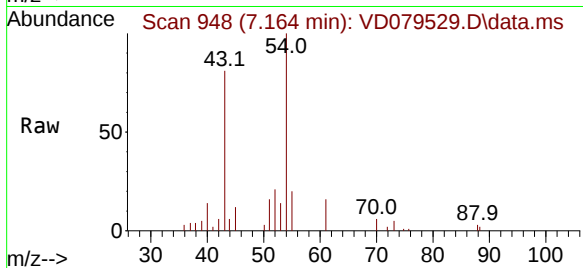
Tgt Ion: 43 Resp: 31066

Ion Ratio Lower Upper

43 100

61 15.7 13.9 20.9

70 9.9 9.8 14.6



#38

Carbon Tetrachloride

Concen: 20.702 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

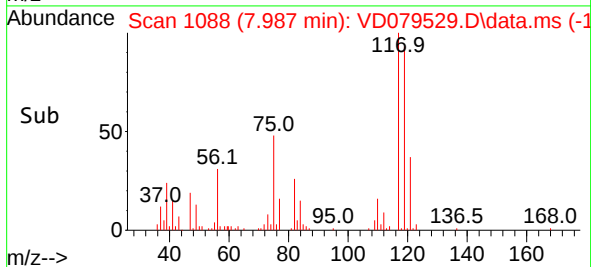
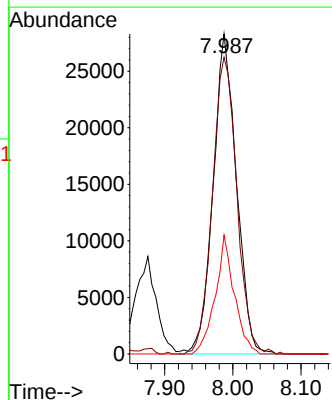
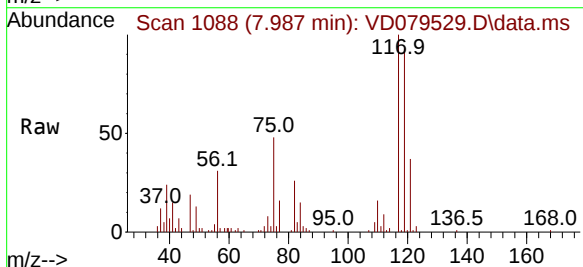
Tgt Ion: 117 Resp: 67268

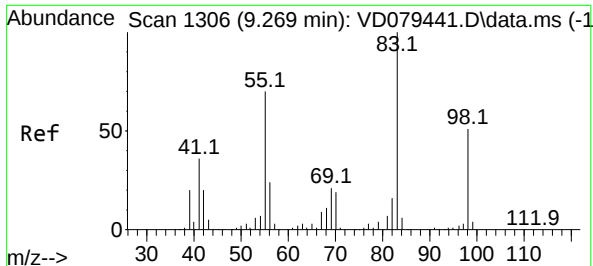
Ion Ratio Lower Upper

117 100

119 92.7 75.4 113.0

121 37.1 25.0 37.4





#39

Methylcyclohexane

Concen: 19.502 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

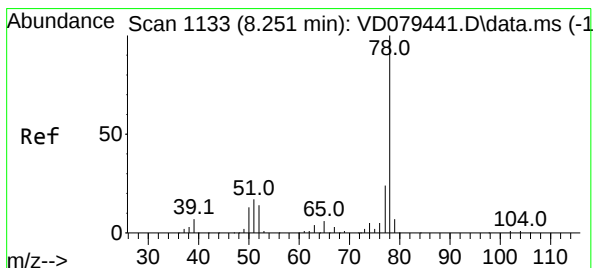
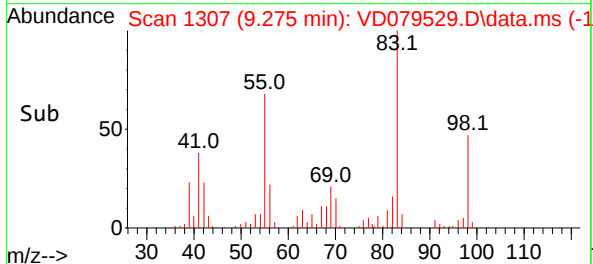
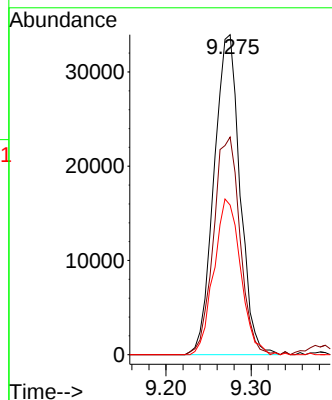
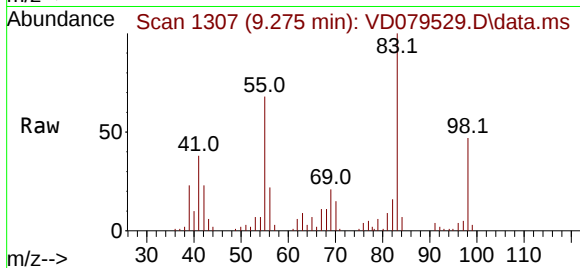
Tgt Ion: 83 Resp: 71923

Ion Ratio Lower Upper

83 100

55 68.0 50.1 75.1

98 46.7 41.9 62.9



#40

Benzene

Concen: 20.596 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD079529.D

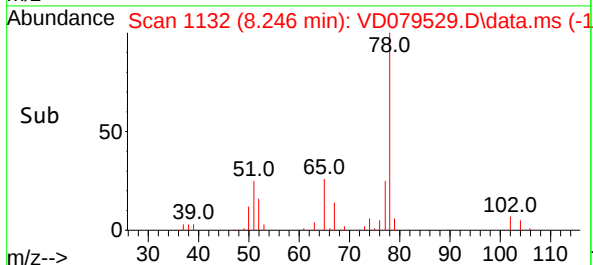
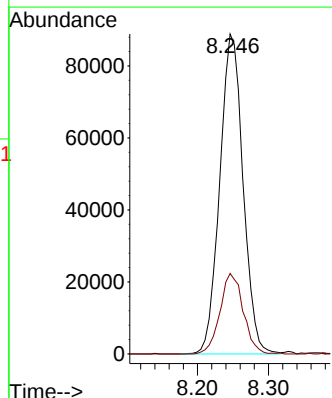
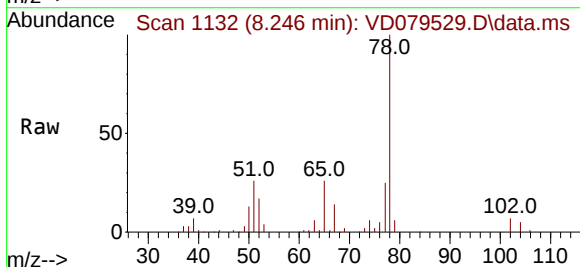
Acq: 01 Aug 2024 16:54

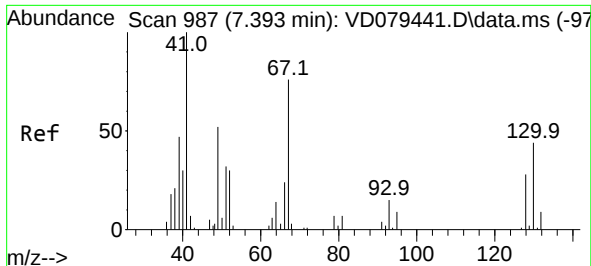
Tgt Ion: 78 Resp: 202200

Ion Ratio Lower Upper

78 100

77 25.1 18.1 27.1

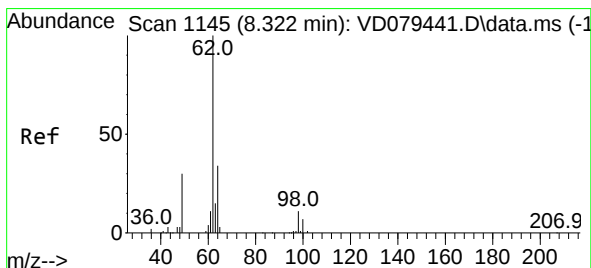
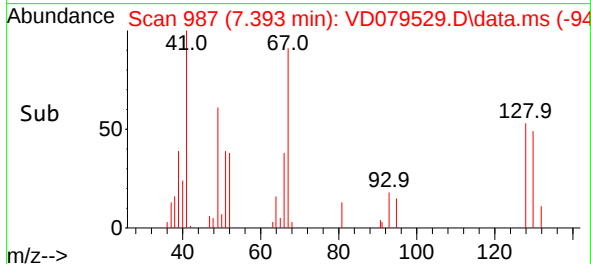
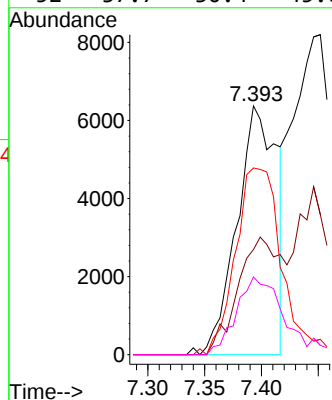
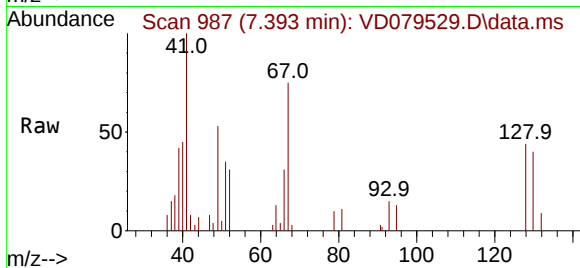




#41
Methacrylonitrile
Concen: 22.305 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.023 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

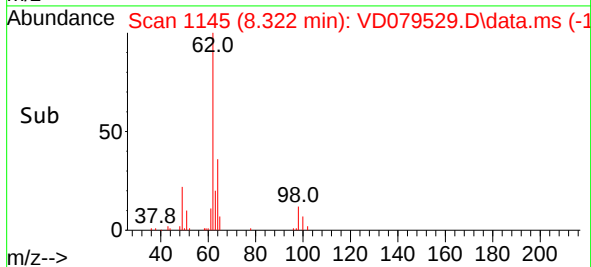
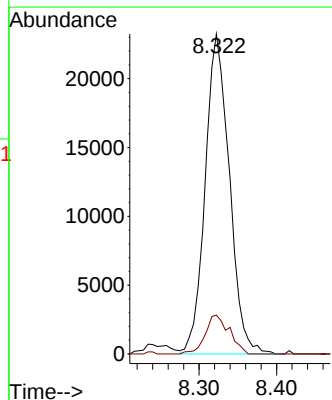
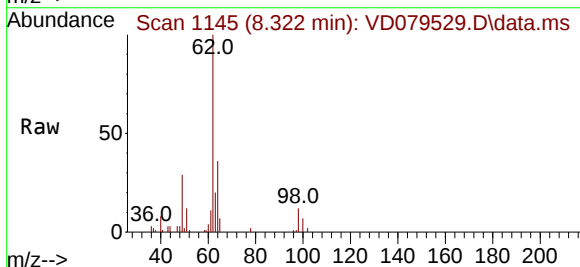
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

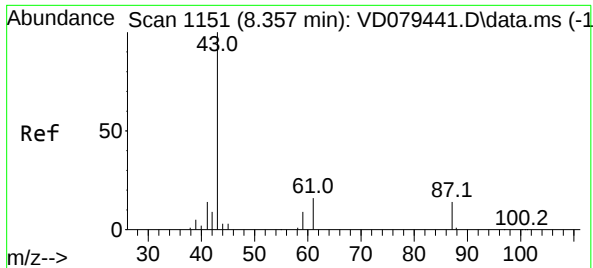
Tgt Ion:	41	Resp:	15549
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.4	62.0
67	86.2	85.8	128.6
52	37.7	30.4	45.6



#42
1,2-Dichloroethane
Concen: 21.555 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:	62	Resp:	50427
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	25.8

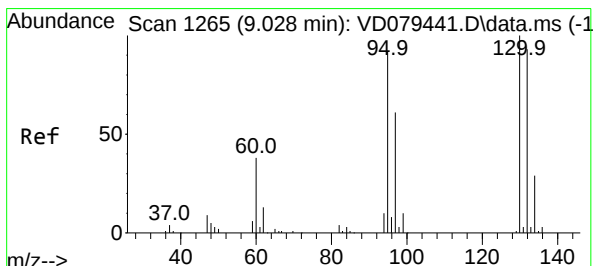
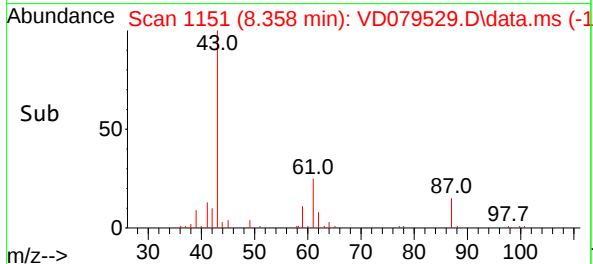
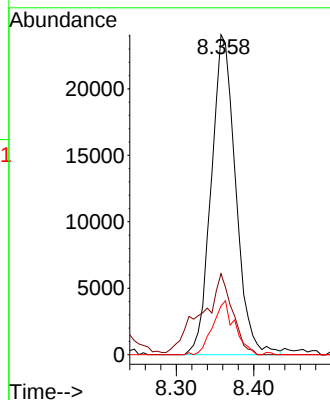
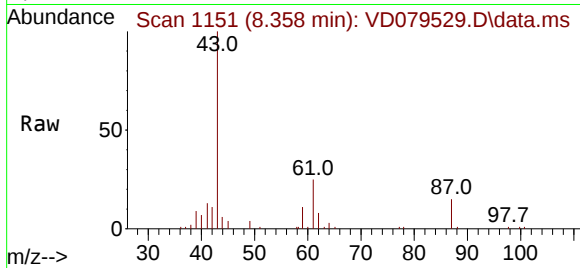




#43
Isopropyl Acetate
Concen: 22.120 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

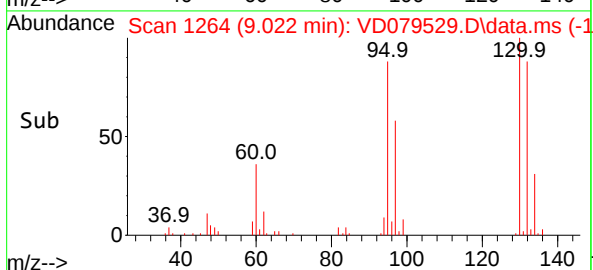
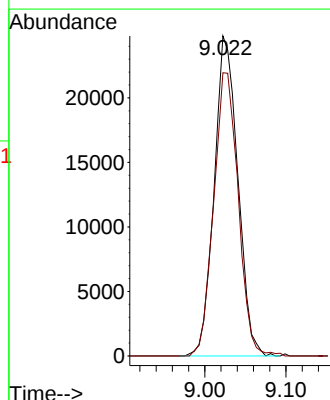
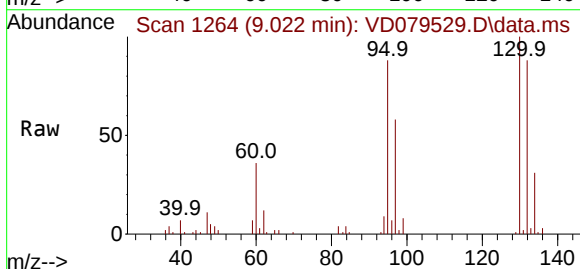
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion: 43	Resp: 52686
Ion Ratio	Lower Upper
43	100
61	32.3 29.3 43.9
87	15.2 14.9 22.3



#44
Trichloroethene
Concen: 20.542 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 130	Resp: 50204
Ion Ratio	Lower Upper
130	100
95	88.5 0.0 177.8





#45

1,2-Dichloropropane

Concen: 21.708 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

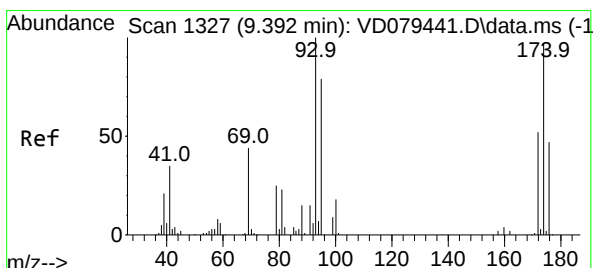
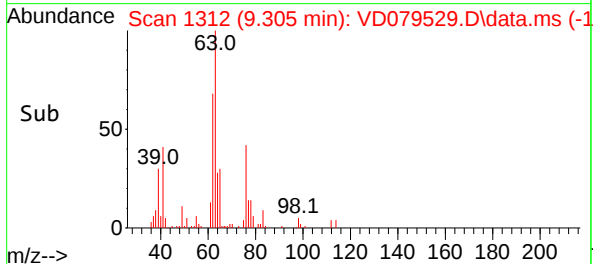
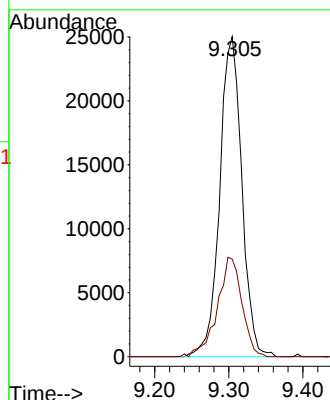
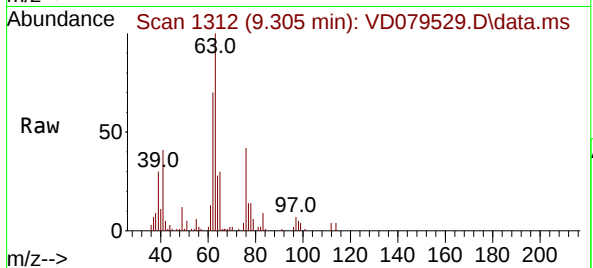
VD0801SBS01

Tgt Ion: 63 Resp: 51864

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.8



#46

Dibromomethane

Concen: 22.195 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

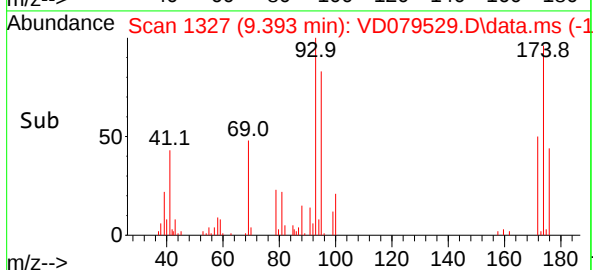
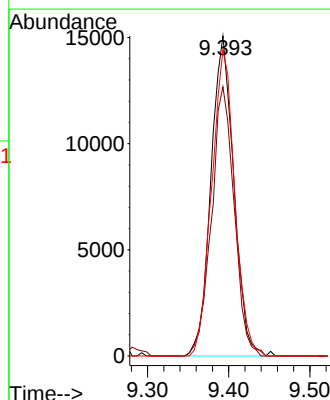
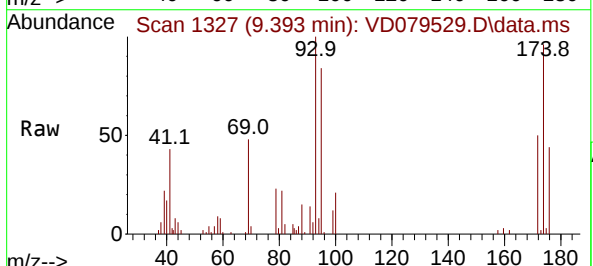
Tgt Ion: 93 Resp: 29397

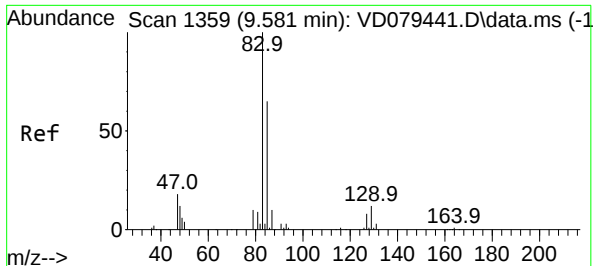
Ion Ratio Lower Upper

93 100

95 83.7 65.6 98.4

174 96.9 82.3 123.5

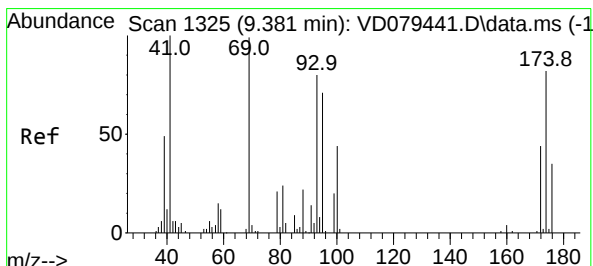
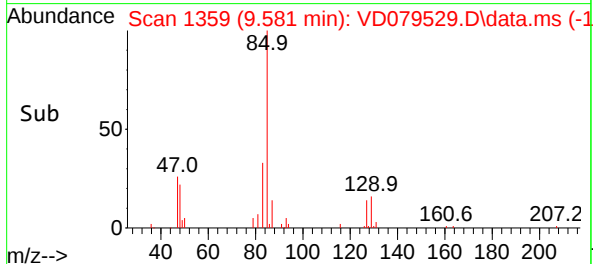
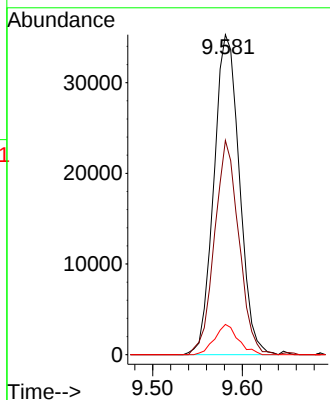
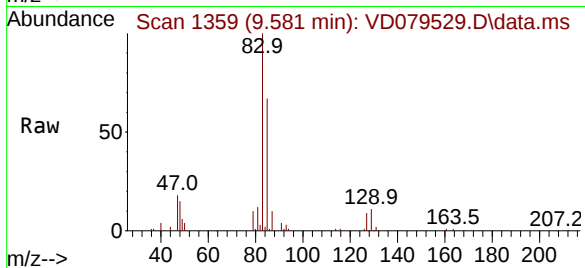




#47
Bromodichloromethane
Concen: 21.422 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

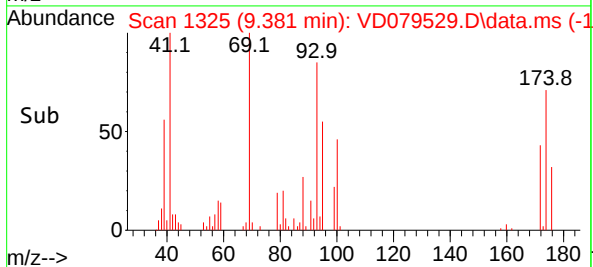
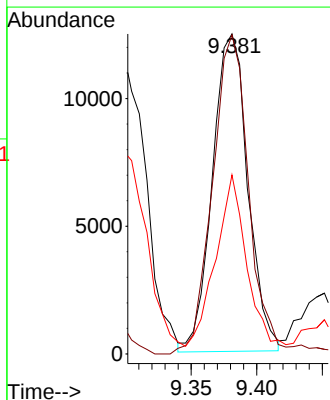
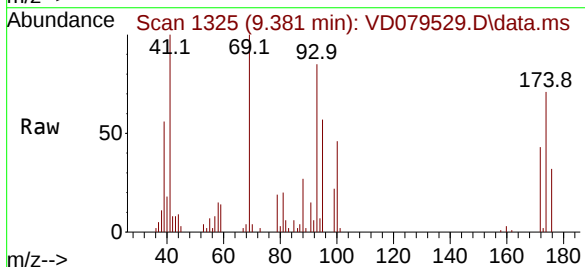
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

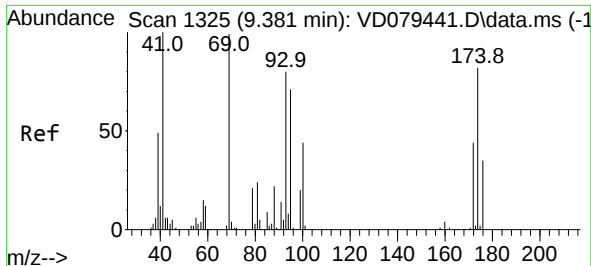
Tgt Ion: 83 Resp: 69670
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 9.5 6.8 10.2



#48
Methyl methacrylate
Concen: 21.917 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 41 Resp: 23362
Ion Ratio Lower Upper
41 100
69 103.9 96.7 145.1
39 47.4 43.8 65.6





#49

1,4-Dioxane

Concen: 519.953 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

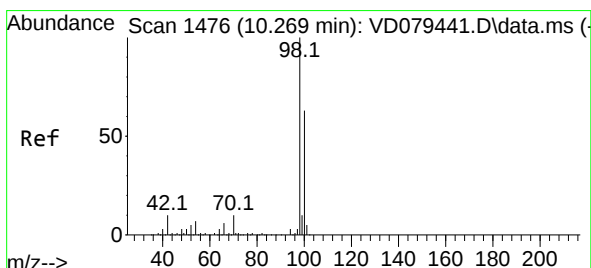
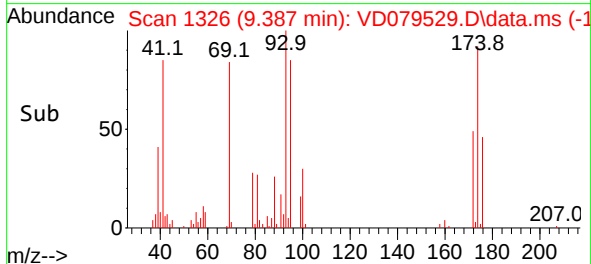
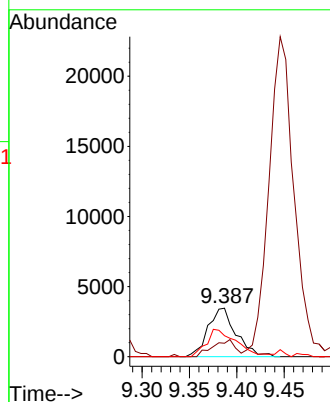
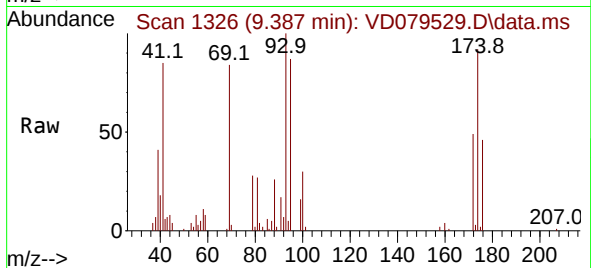
Tgt Ion: 88 Resp: 7136

Ion Ratio Lower Upper

88 100

43 28.2 21.5 32.3

58 59.9 42.2 63.4



#50

Toluene-d8

Concen: 51.228 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079529.D

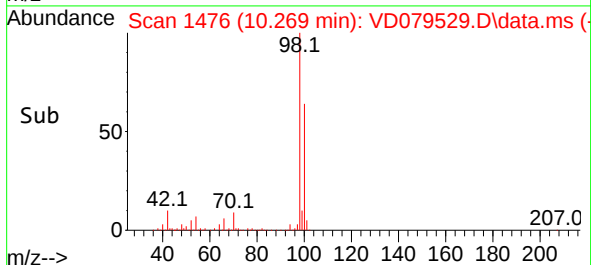
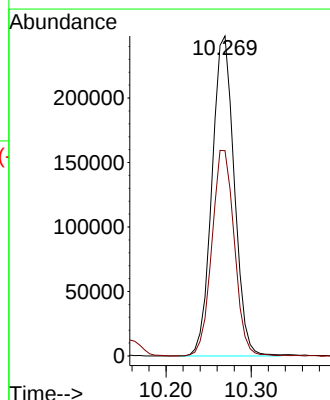
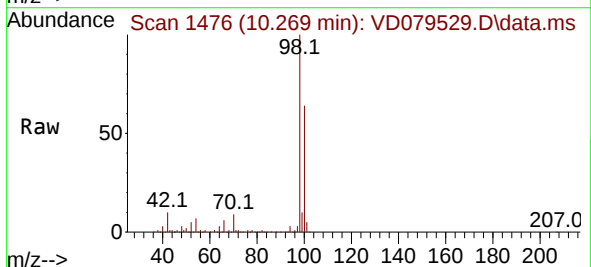
Acq: 01 Aug 2024 16:54

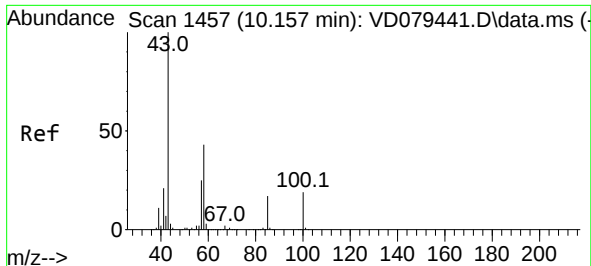
Tgt Ion: 98 Resp: 450519

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4

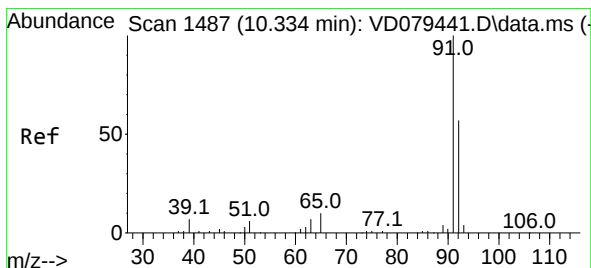
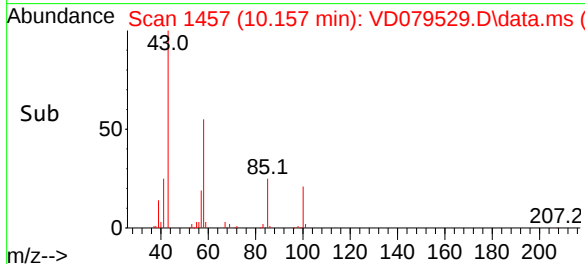
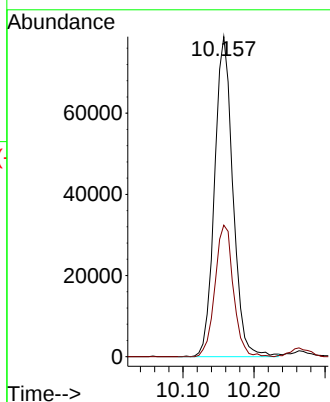
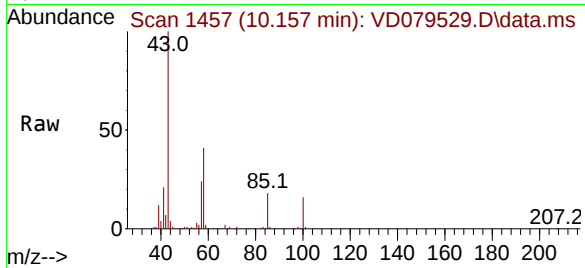




#51
4-Methyl-2-Pentanone
Concen: 116.094 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

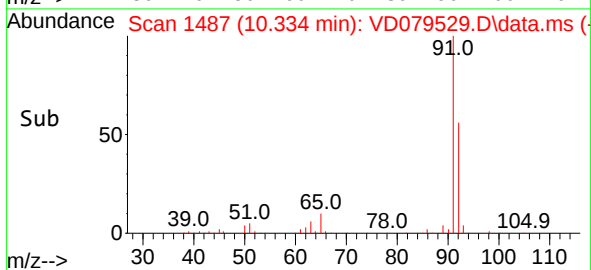
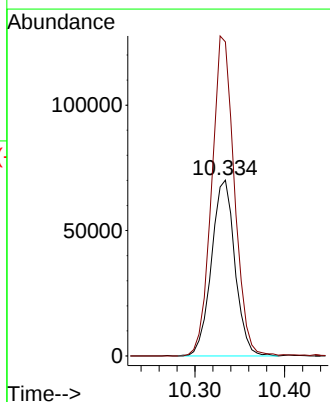
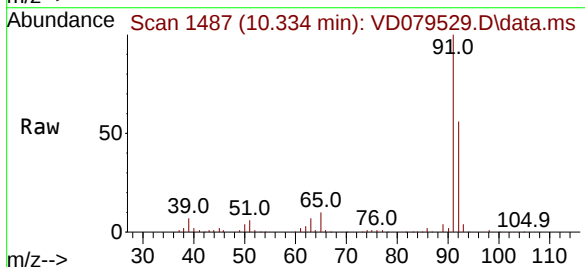
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

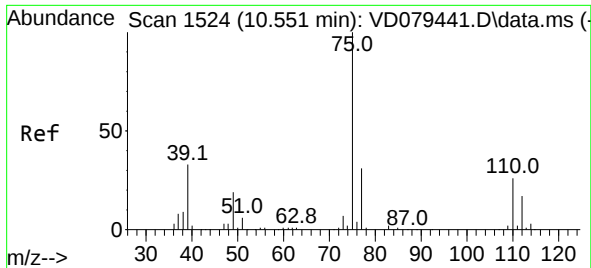
Tgt Ion: 43 Resp: 141174
Ion Ratio Lower Upper
43 100
58 41.3 36.6 55.0



#52
Toluene
Concen: 20.963 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 92 Resp: 127285
Ion Ratio Lower Upper
92 100
91 176.7 141.7 212.5





#53

t-1,3-Dichloropropene

Concen: 20.690 ug/l

RT: 10.552 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

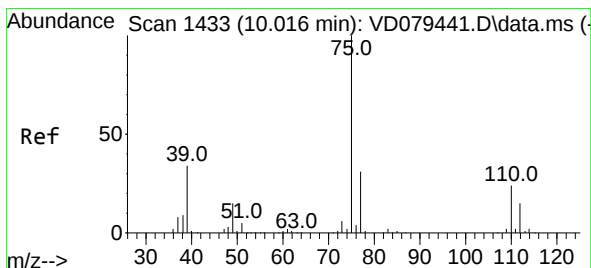
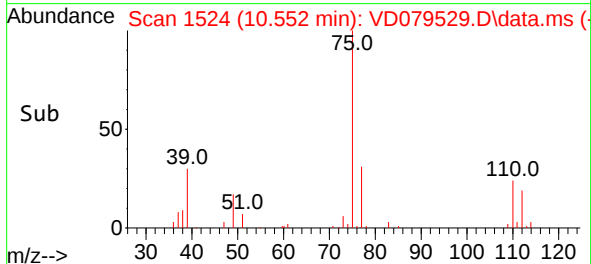
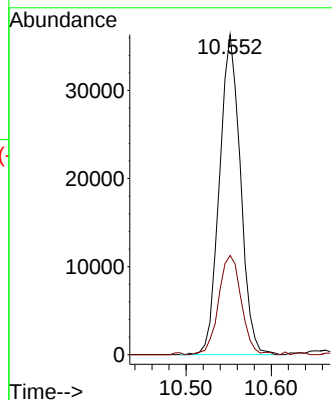
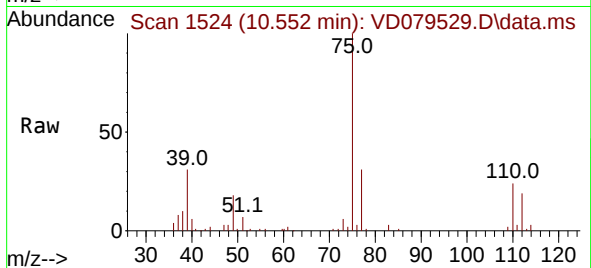
VD0801SBS01

Tgt Ion: 75 Resp: 62138

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 20.695 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

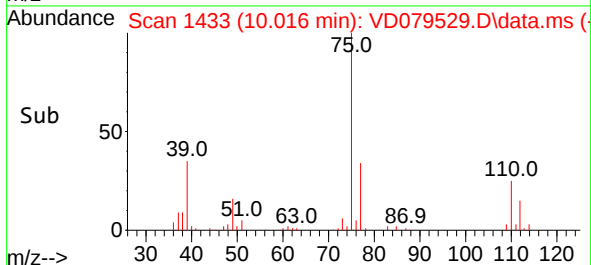
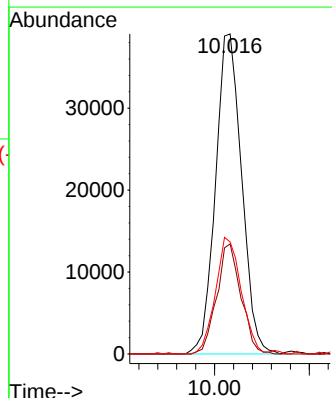
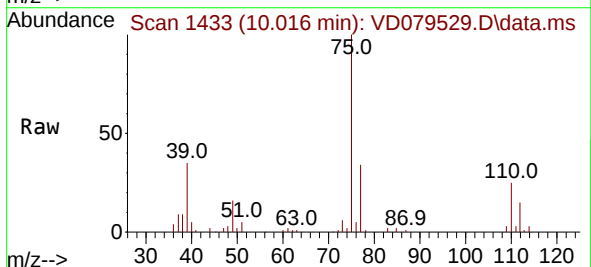
Tgt Ion: 75 Resp: 74763

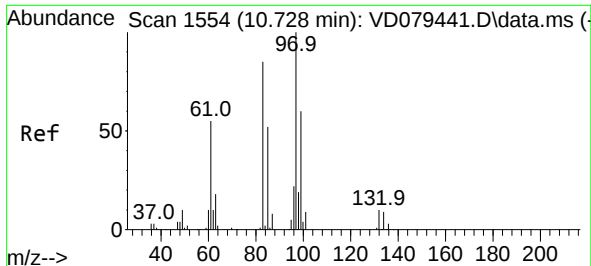
Ion Ratio Lower Upper

75 100

77 34.4 24.4 36.6

39 35.0 24.2 36.2

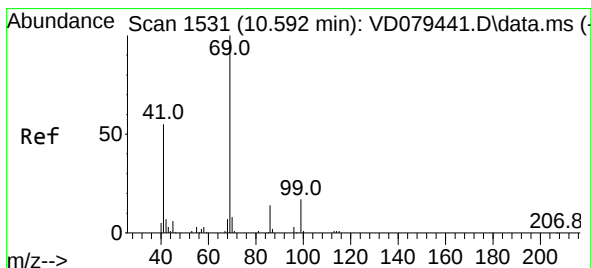
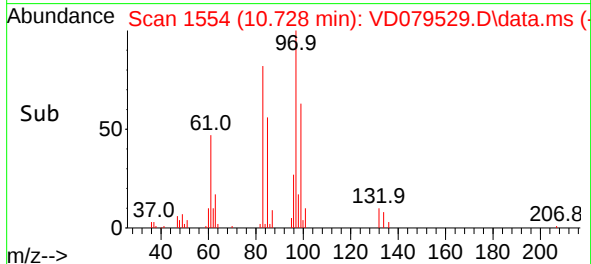
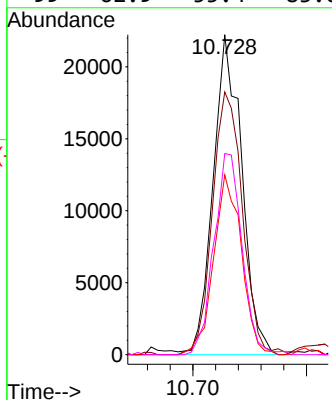
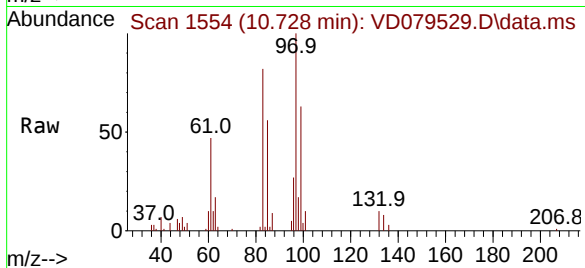




#55
1,1,2-Trichloroethane
Concen: 22.225 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

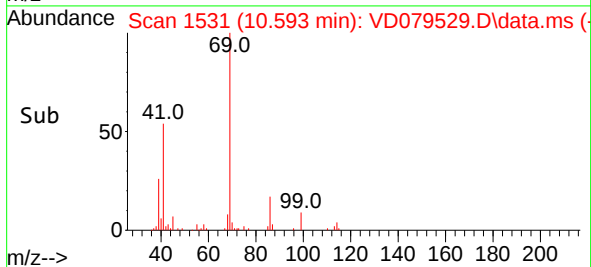
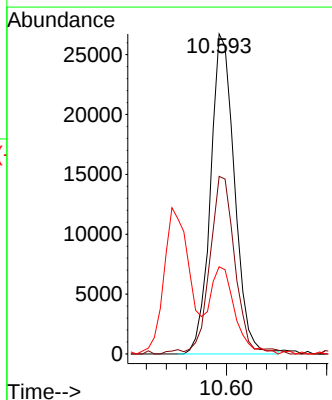
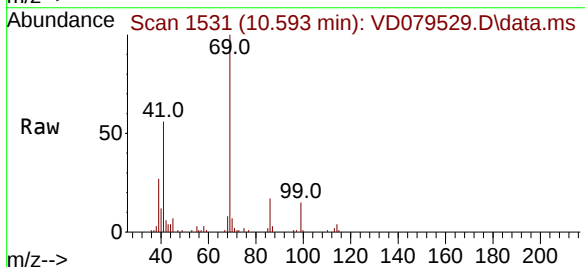
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

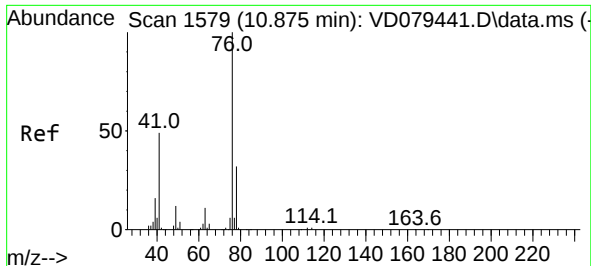
Tgt Ion:	97	Resp:	38778
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.8	98.8
85	56.2	43.8	65.8
99	62.9	55.4	83.0



#56
Ethyl methacrylate
Concen: 21.431 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:	69	Resp:	44306
Ion	Ratio	Lower	Upper
69	100		
41	57.9	39.8	59.6
39	28.3	20.2	30.4





#57

1,3-Dichloropropane

Concen: 21.922 ug/l

RT: 10.881 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

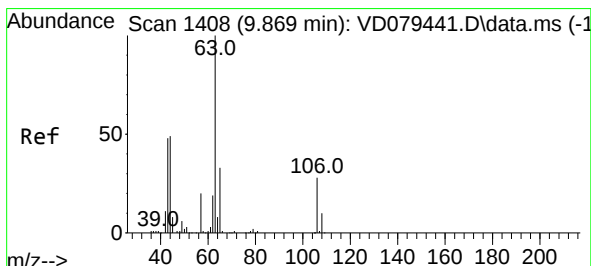
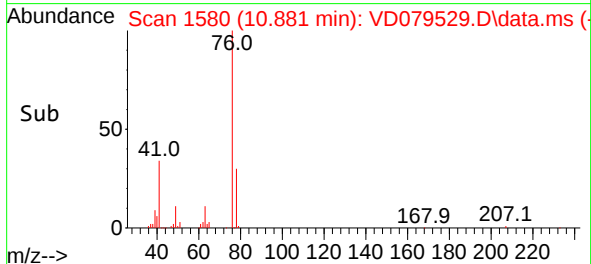
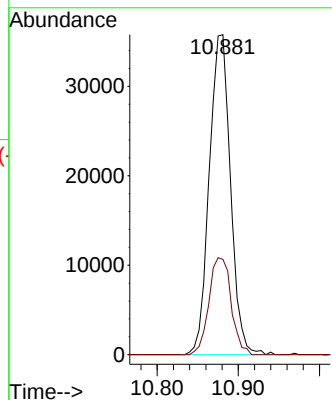
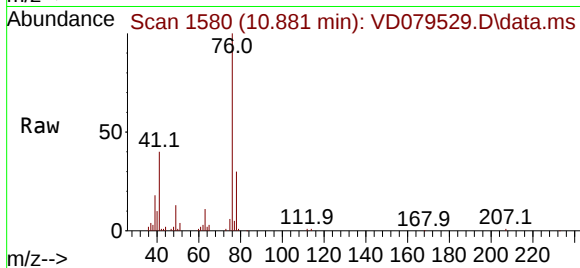
VD0801SBS01

Tgt Ion: 76 Resp: 64994

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 108.472 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079529.D

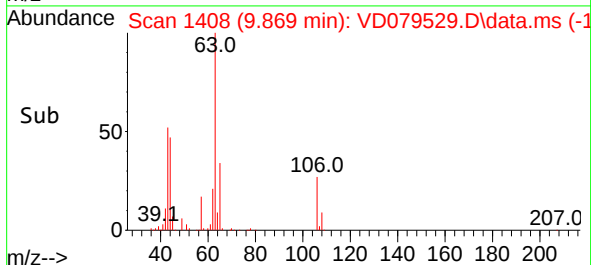
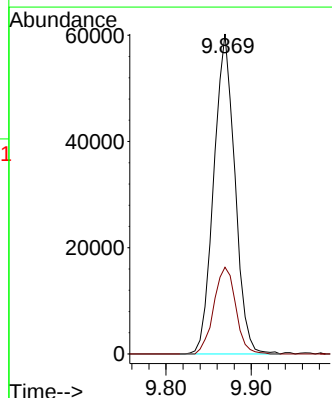
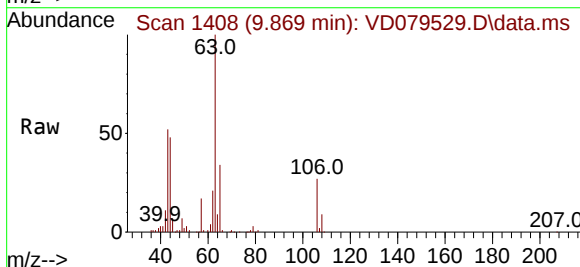
Acq: 01 Aug 2024 16:54

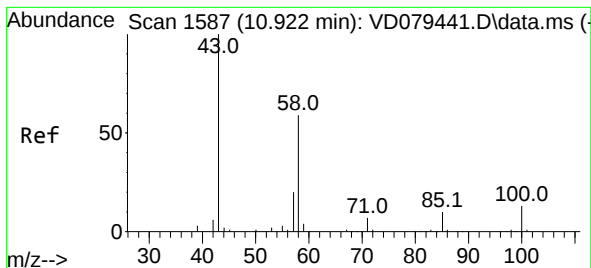
Tgt Ion: 63 Resp: 103417

Ion Ratio Lower Upper

63 100

106 28.1 26.4 39.6





#59

2-Hexanone

Concen: 114.623 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

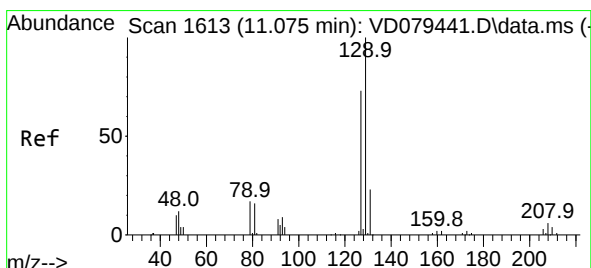
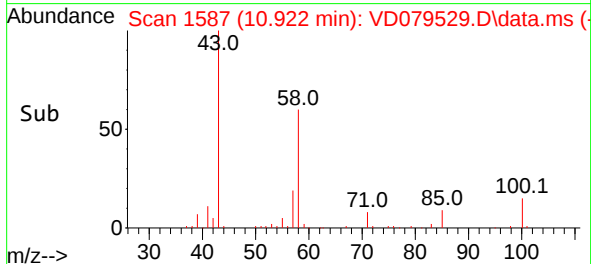
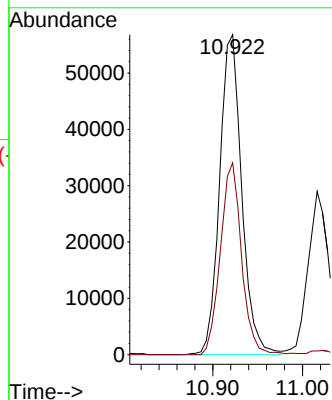
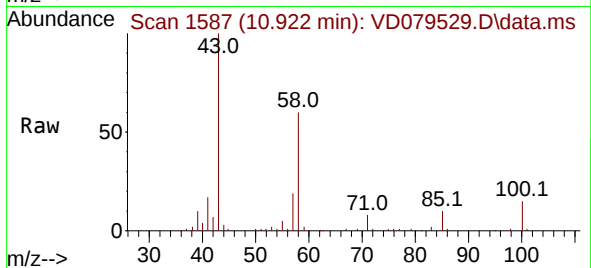
VD0801SBS01

Tgt Ion: 43 Resp: 97211

Ion Ratio Lower Upper

43 100

58 57.6 31.1 93.5



#60

Dibromochloromethane

Concen: 21.956 ug/l

RT: 11.069 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VD079529.D

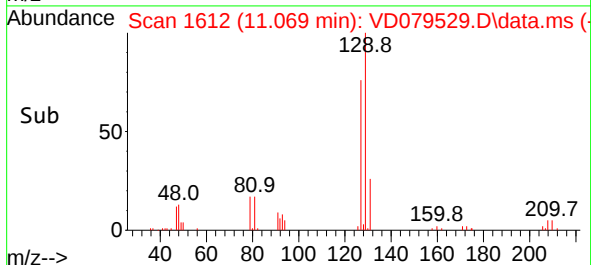
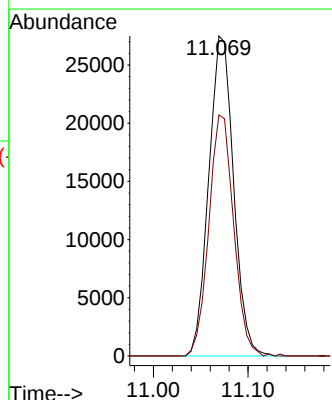
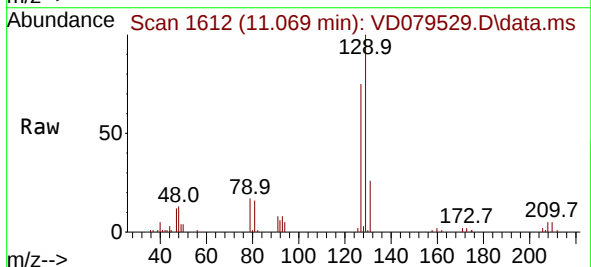
Acq: 01 Aug 2024 16:54

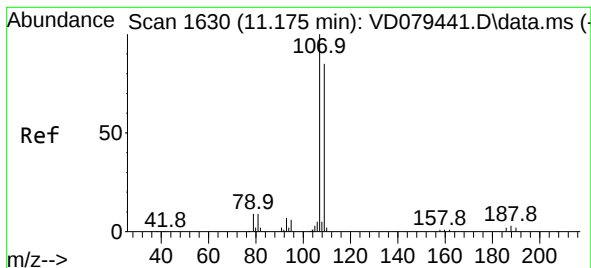
Tgt Ion:129 Resp: 50042

Ion Ratio Lower Upper

129 100

127 75.3 38.0 113.9

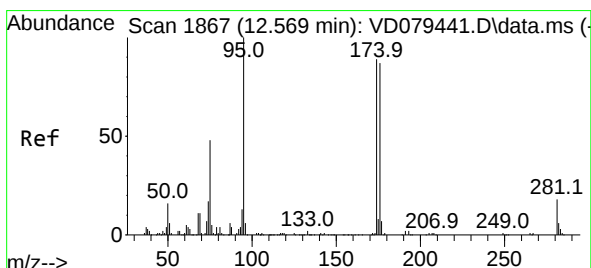
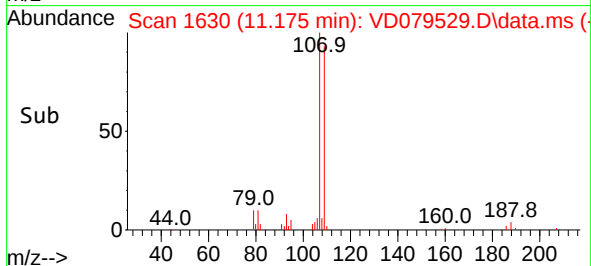
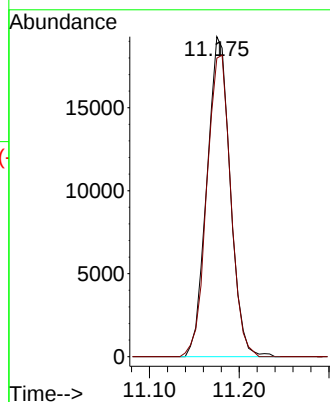
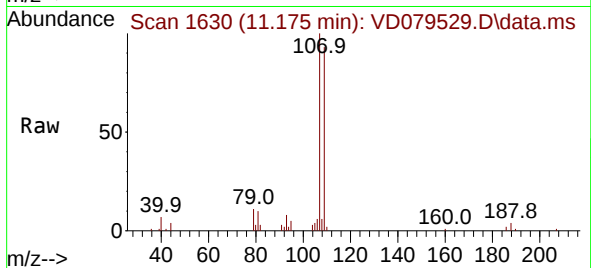




#61
1,2-Dibromoethane
Concen: 21.285 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

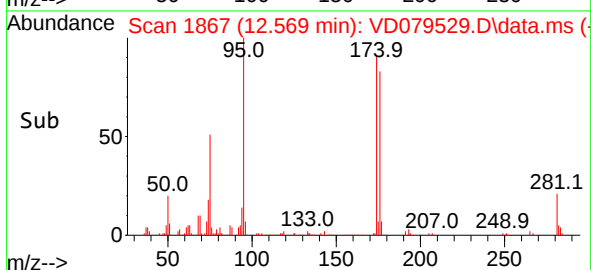
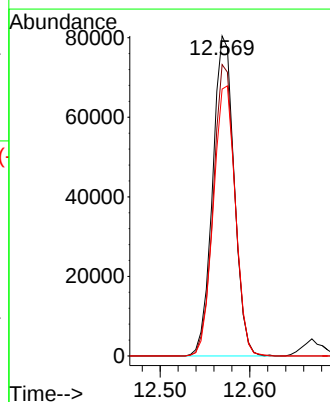
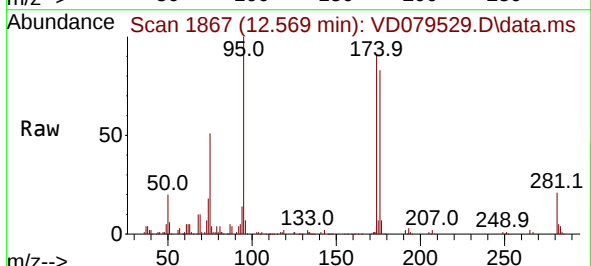
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion:107 Resp: 34792
Ion Ratio Lower Upper
107 100
109 96.4 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 95 Resp: 134009
Ion Ratio Lower Upper
95 100
174 91.1 0.0 195.4
176 86.6 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: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

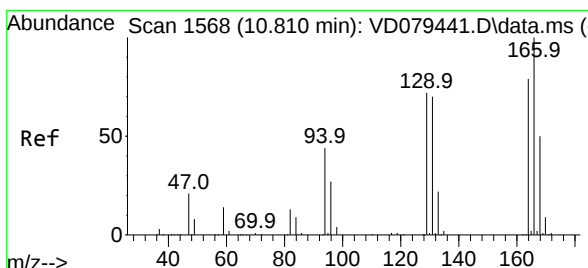
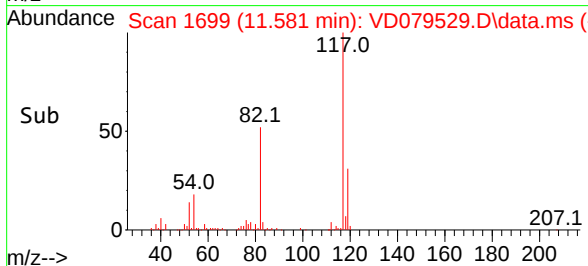
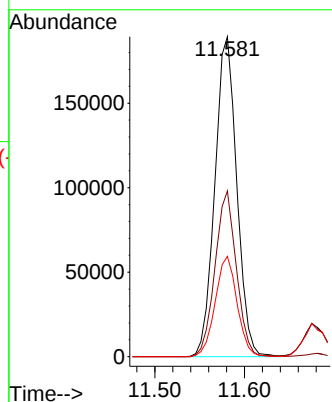
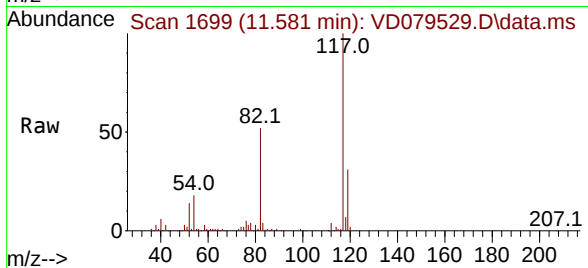
Tgt Ion:117 Resp: 321313

Ion Ratio Lower Upper

117 100

82 51.8 39.8 59.6

119 31.3 25.7 38.5



#64

Tetrachloroethene

Concen: 20.016 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Tgt Ion:164 Resp: 43368

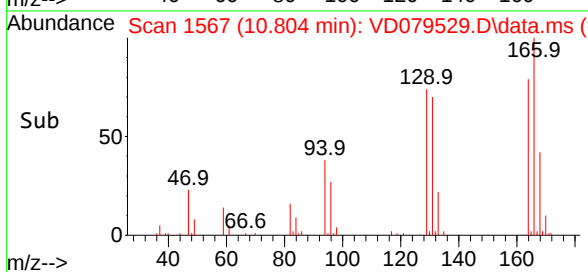
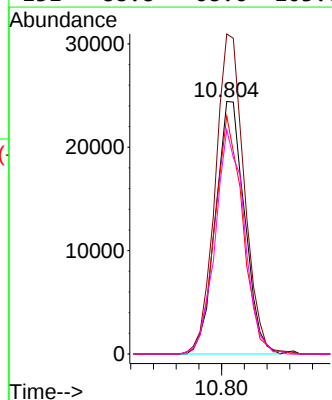
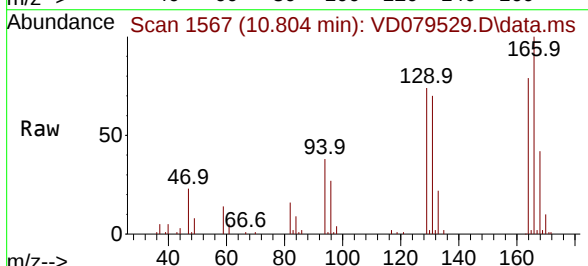
Ion Ratio Lower Upper

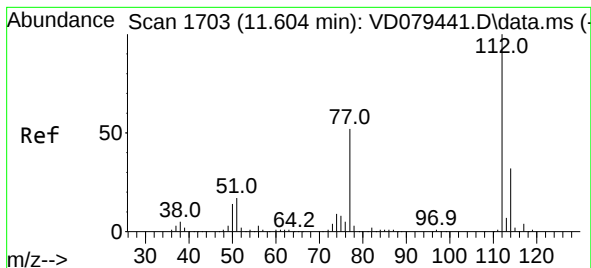
164 100

166 126.7 108.6 163.0

129 94.2 74.6 112.0

131 88.8 68.6 103.0

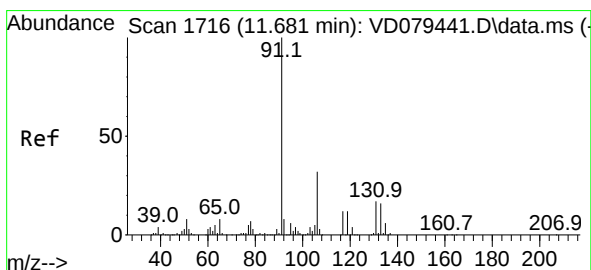
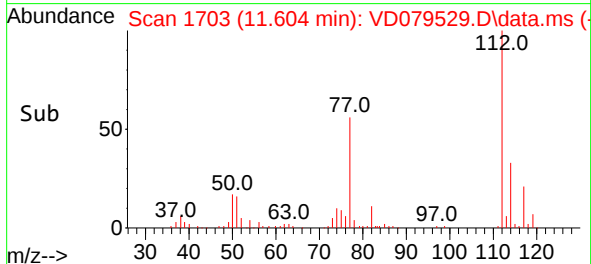
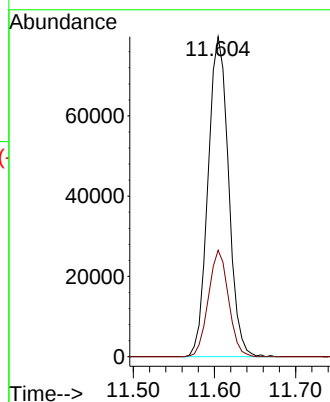
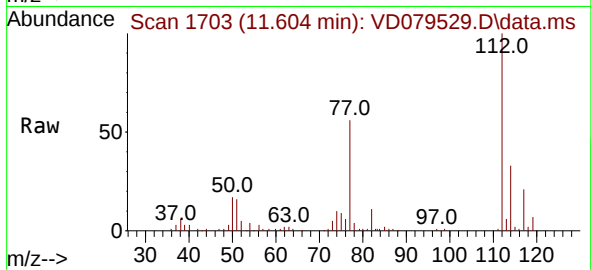




#65
Chlorobenzene
Concen: 19.649 ug/l
RT: 11.604 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

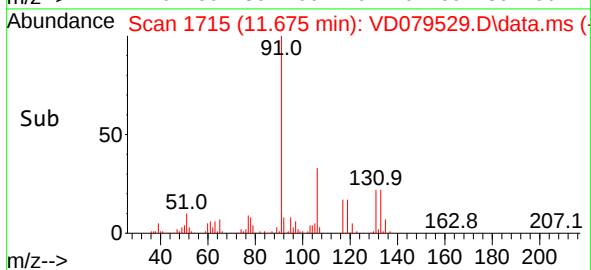
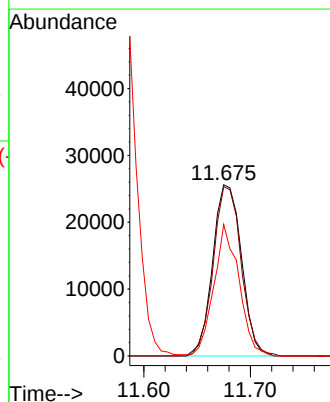
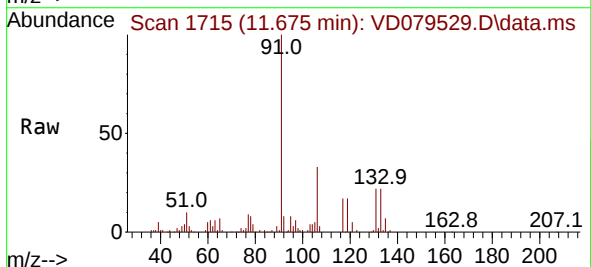
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

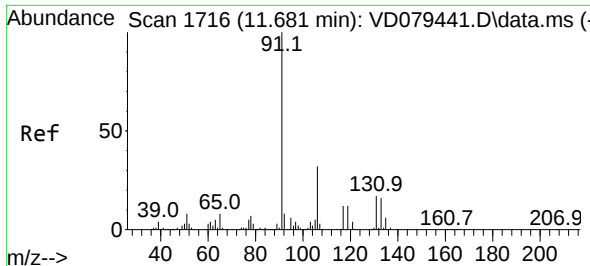
Tgt Ion:112 Resp: 139802
Ion Ratio Lower Upper
112 100
114 33.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.470 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:131 Resp: 47920
Ion Ratio Lower Upper
131 100
133 96.7 49.2 147.6
119 67.4 33.4 100.2

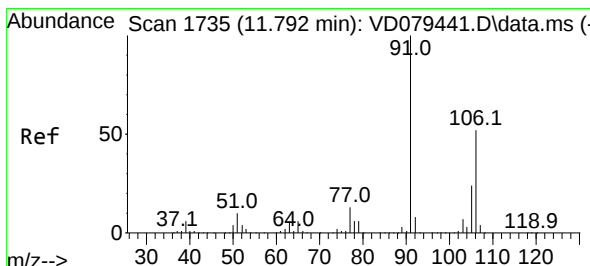
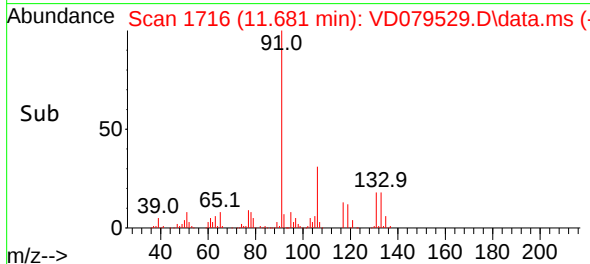
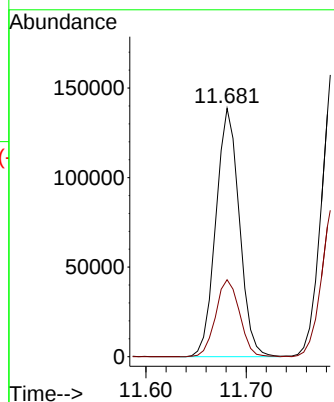
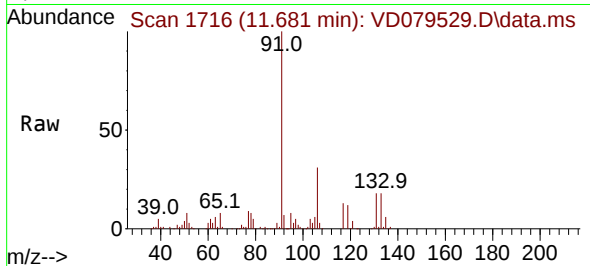




#67
Ethyl Benzene
Concen: 19.357 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

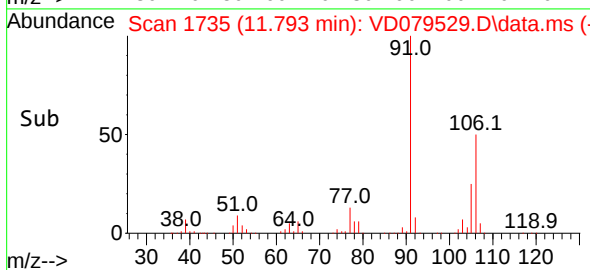
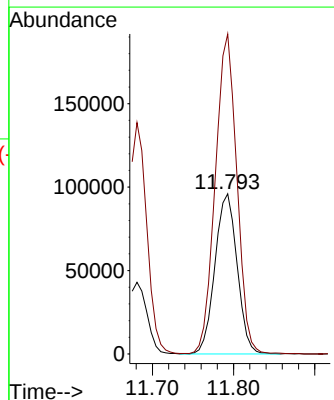
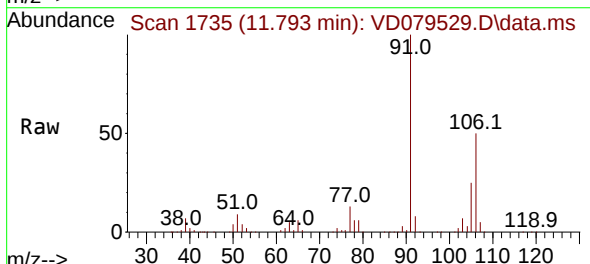
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

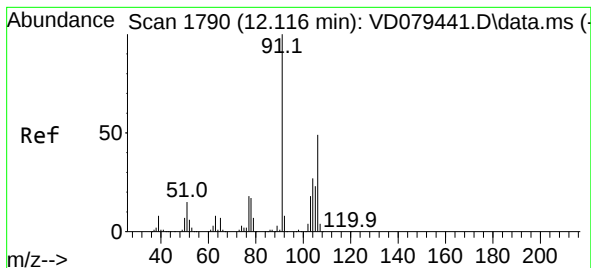
Tgt Ion: 91 Resp: 225467
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 39.458 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 106 Resp: 182342
Ion Ratio Lower Upper
106 100
91 194.7 148.5 222.7

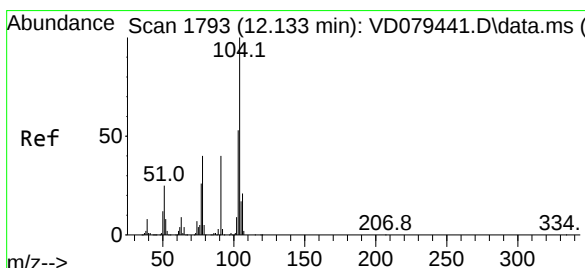
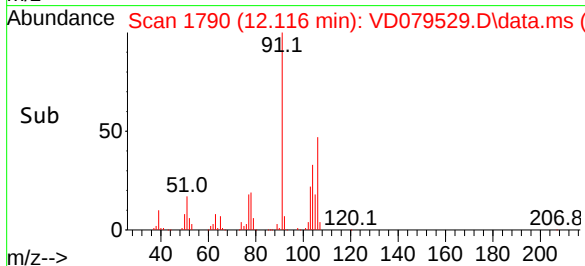
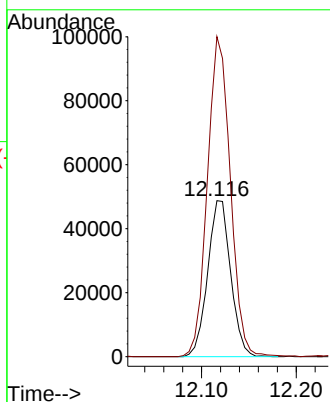
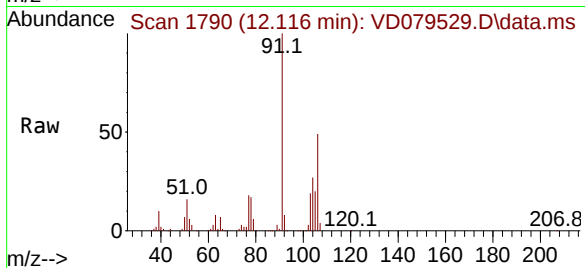




#69
o-Xylene
Concen: 19.442 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

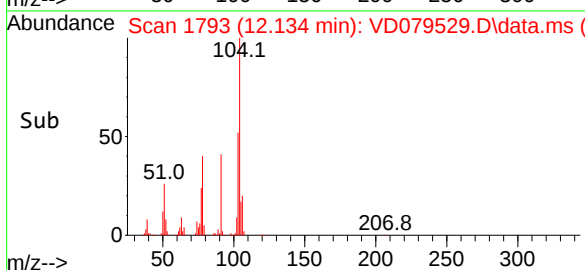
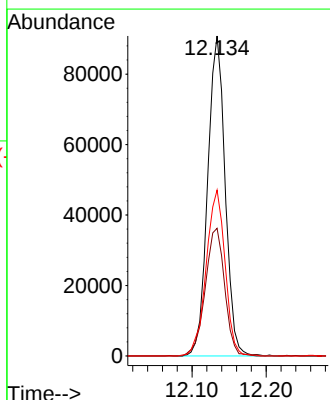
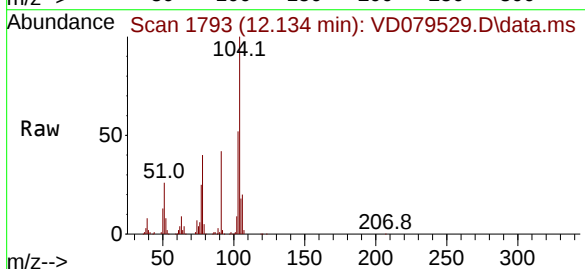
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

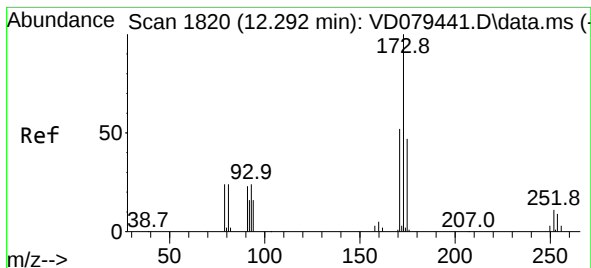
Tgt Ion:106 Resp: 82350
Ion Ratio Lower Upper
106 100
91 205.3 96.7 290.1



#70
Styrene
Concen: 20.024 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:104 Resp: 148701
Ion Ratio Lower Upper
104 100
78 44.4 33.0 49.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 22.079 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

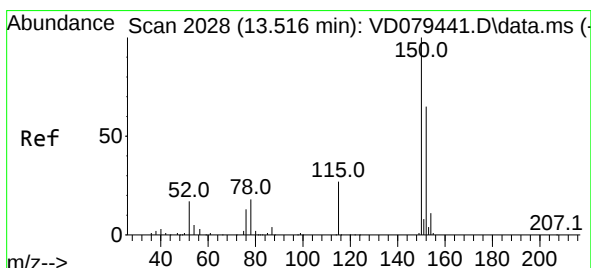
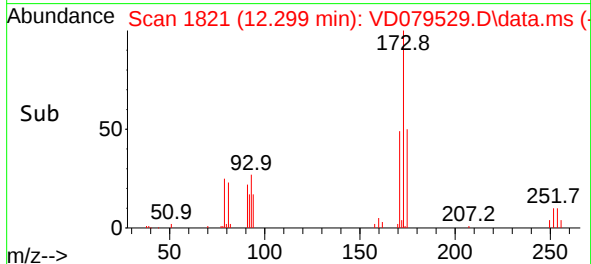
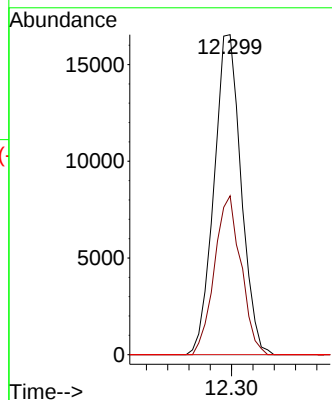
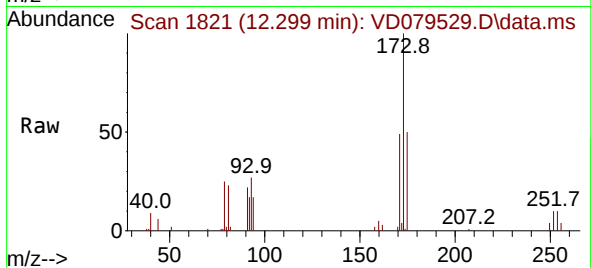
Tgt Ion:173 Resp: 29219

Ion Ratio Lower Upper

173 100

175 48.7 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: VD079529.D

Acq: 01 Aug 2024 16:54

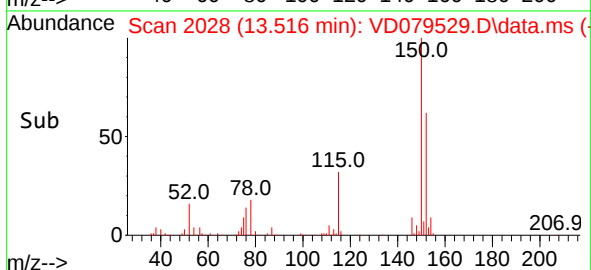
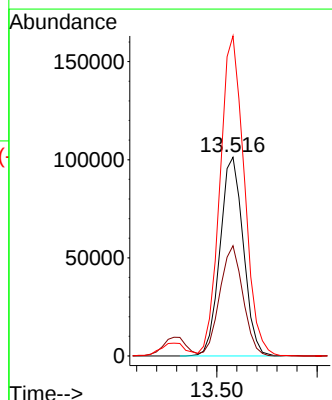
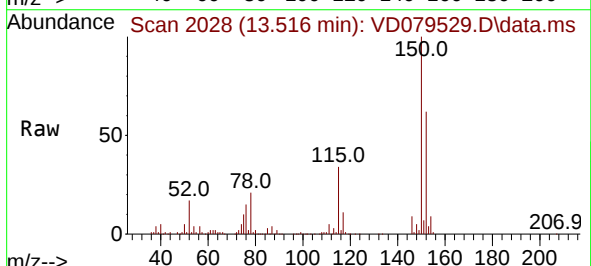
Tgt Ion:152 Resp: 162947

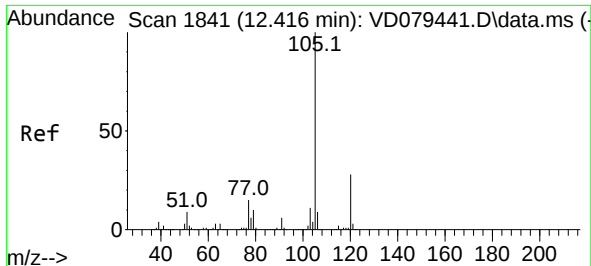
Ion Ratio Lower Upper

152 100

115 55.4 26.5 79.5

150 168.1 0.0 341.6

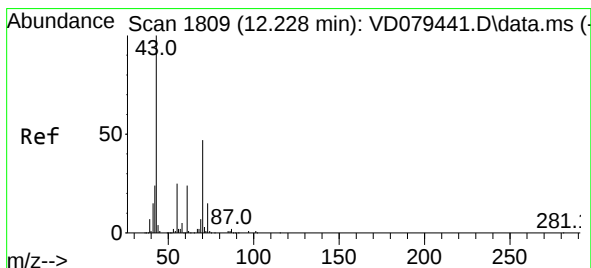
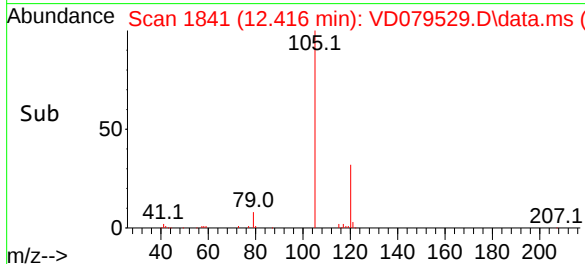
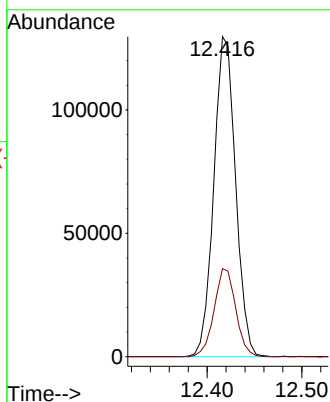
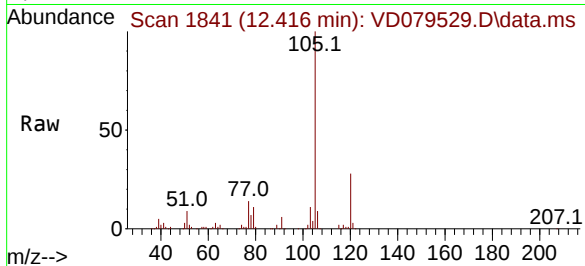




#73
Isopropylbenzene
Concen: 19.409 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

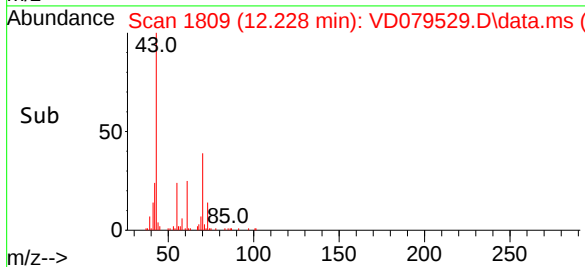
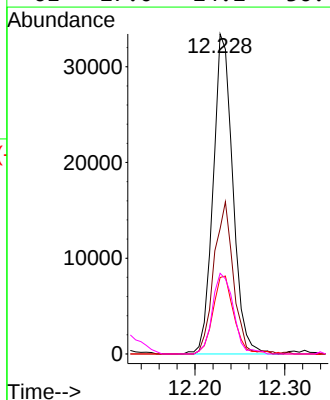
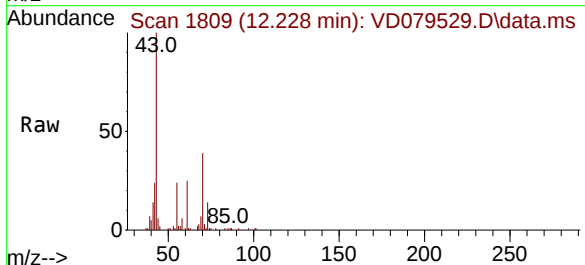
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

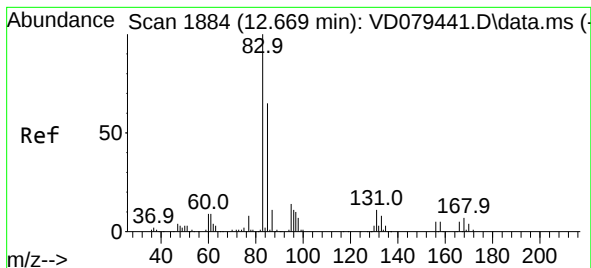
Tgt Ion:105 Resp: 207669
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7



#74
N-ethyl acetate
Concen: 21.248 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 43 Resp: 50925
Ion Ratio Lower Upper
43 100
70 47.2 44.3 66.5
55 25.9 23.2 34.8
61 27.0 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.022 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

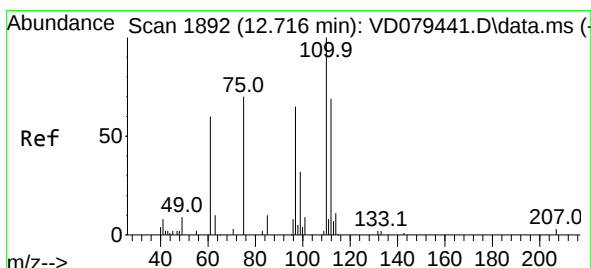
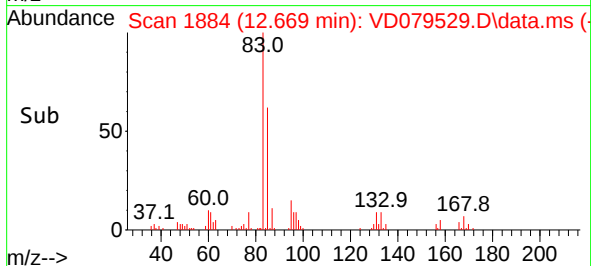
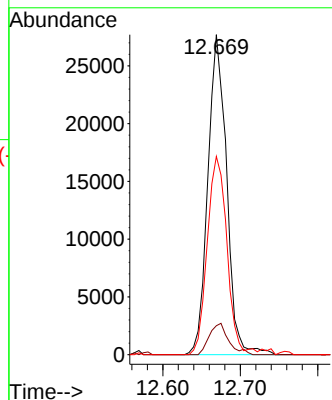
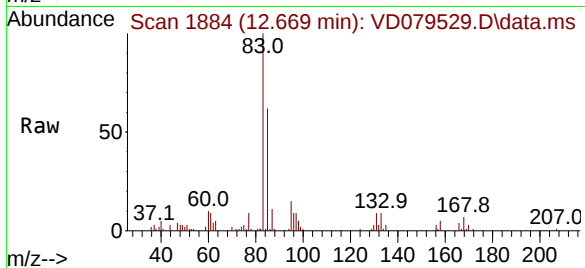
Tgt Ion: 83 Resp: 46616

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

85 65.1 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 40.092 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD079529.D

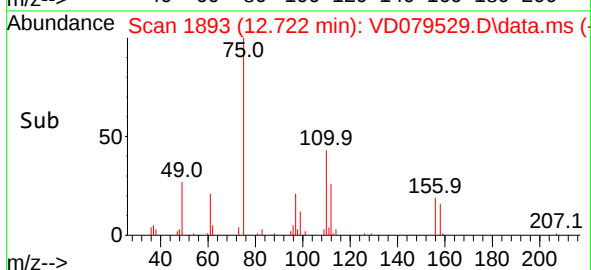
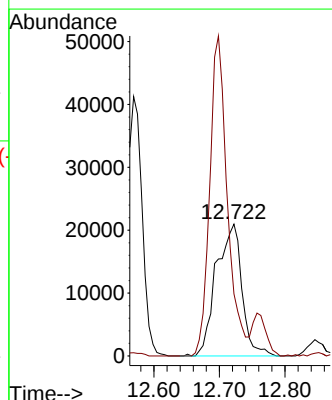
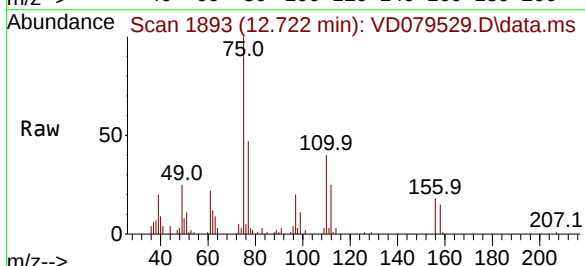
Acq: 01 Aug 2024 16:54

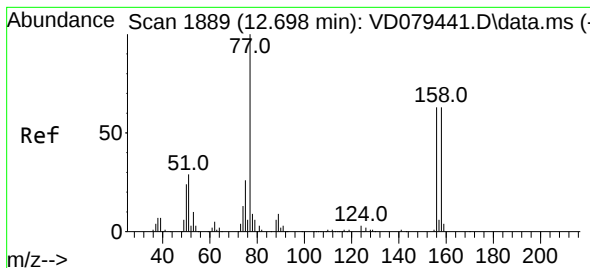
Tgt Ion: 75 Resp: 57104

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.530 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

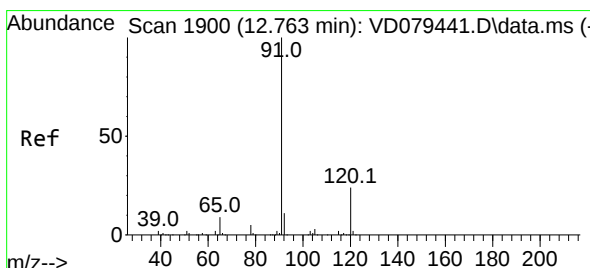
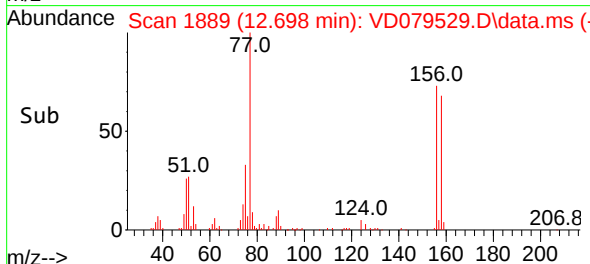
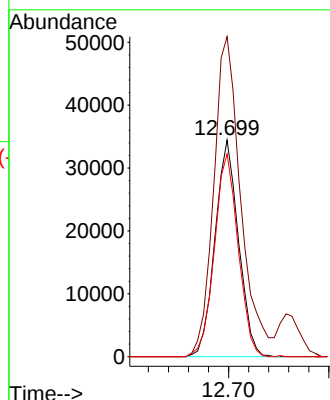
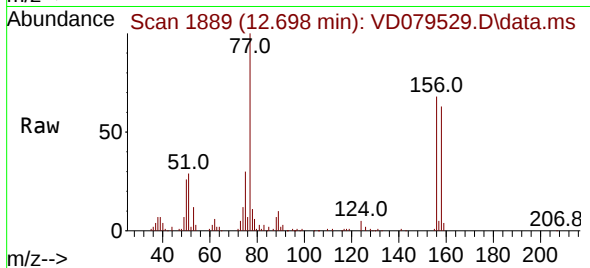
Tgt Ion:156 Resp: 56094

Ion Ratio Lower Upper

156 100

77 168.9 77.3 231.9

158 94.2 49.6 149.0



#78

n-propylbenzene

Concen: 19.648 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079529.D

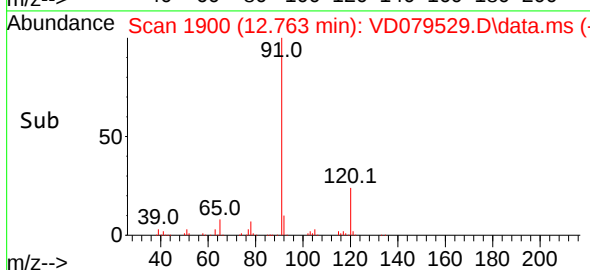
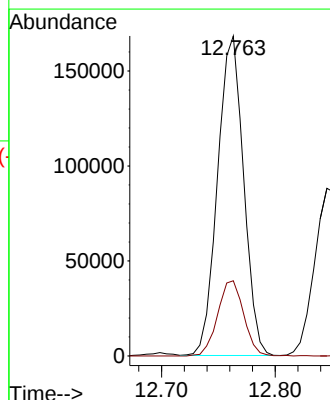
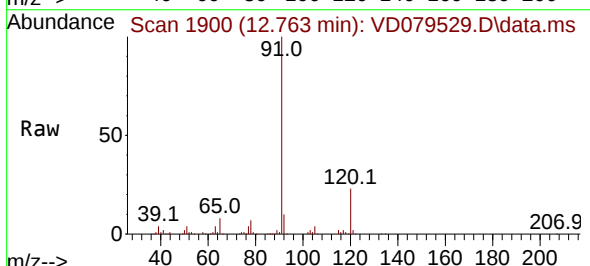
Acq: 01 Aug 2024 16:54

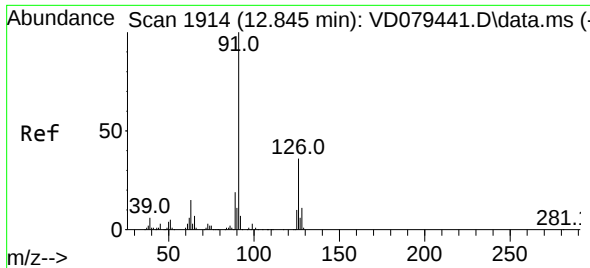
Tgt Ion: 91 Resp: 267617

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8

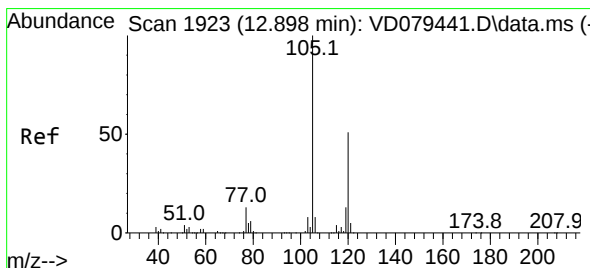
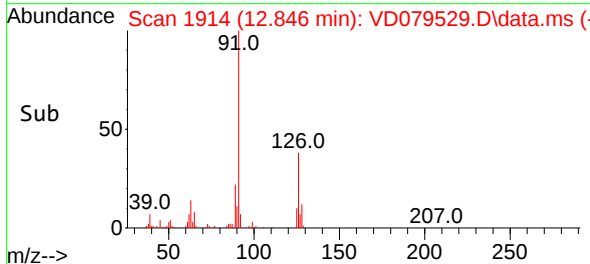
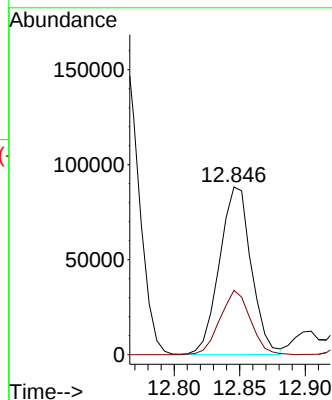
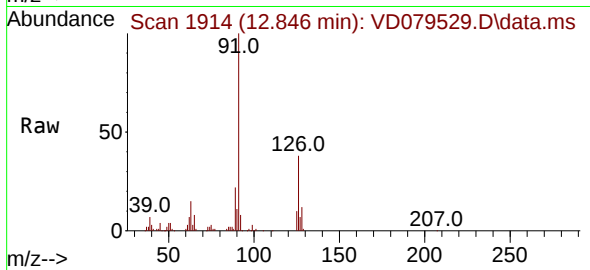




#79
2-Chlorotoluene
Concen: 19.592 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

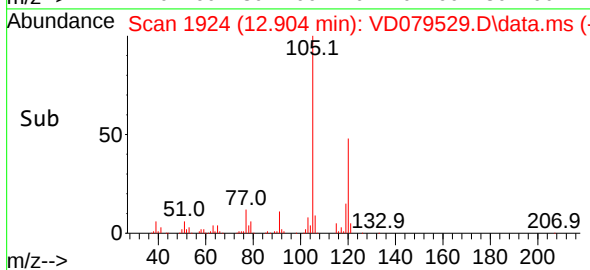
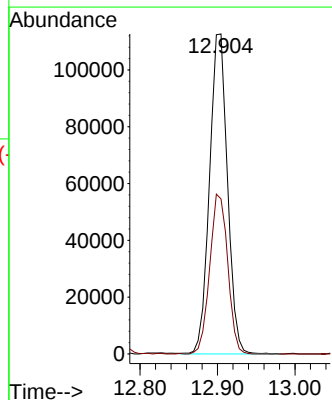
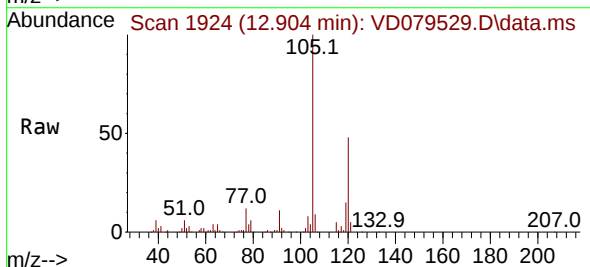
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

Tgt Ion: 91 Resp: 148594
Ion Ratio Lower Upper
91 100
126 36.6 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 20.004 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 105 Resp: 181572
Ion Ratio Lower Upper
105 100
120 49.8 25.7 77.1

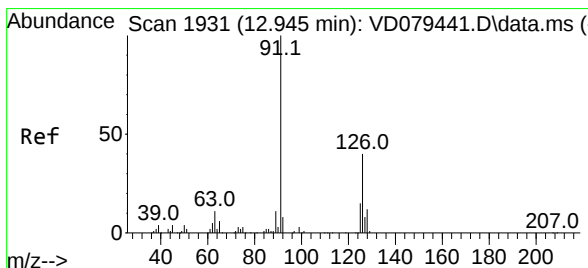
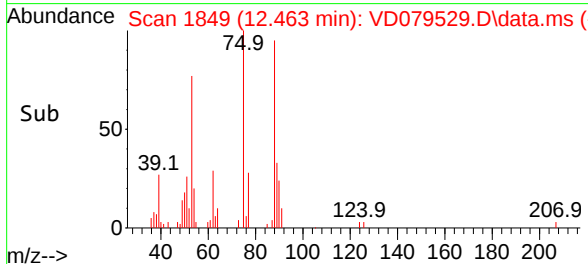
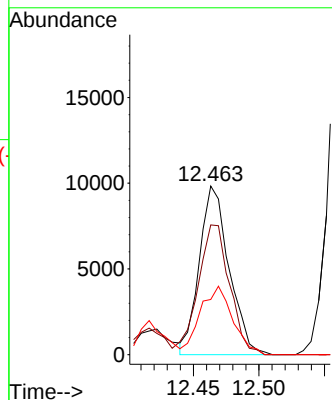
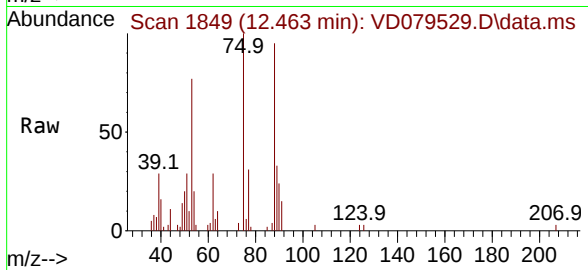




#81
trans-1,4-Dichloro-2-butene
Concen: 20.772 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

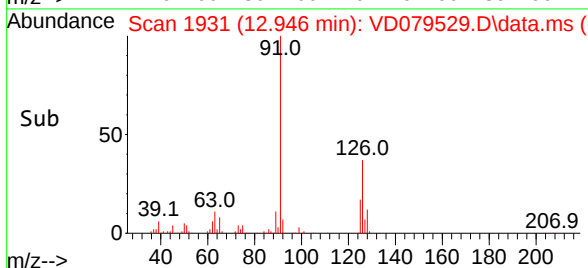
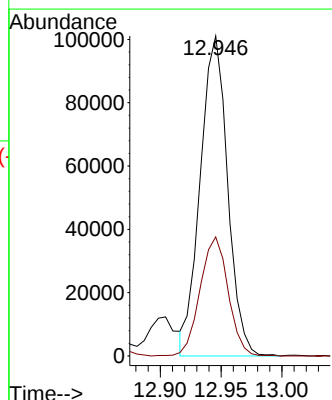
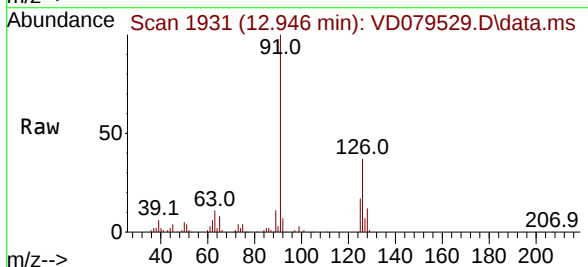
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

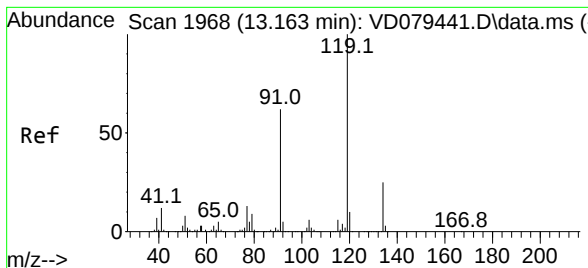
Tgt Ion: 75 Resp: 15512
Ion Ratio Lower Upper
75 100
53 81.7 61.4 92.2
89 44.5 35.4 53.0



#82
4-Chlorotoluene
Concen: 20.038 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 91 Resp: 158431
Ion Ratio Lower Upper
91 100
126 38.1 18.9 56.9





#83

tert-Butylbenzene

Concen: 19.573 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

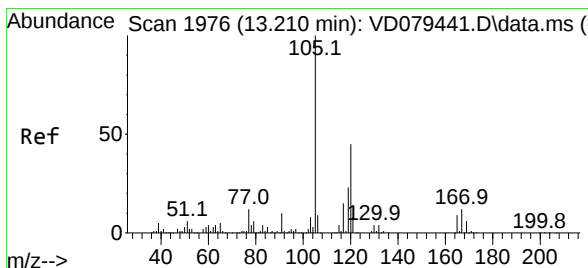
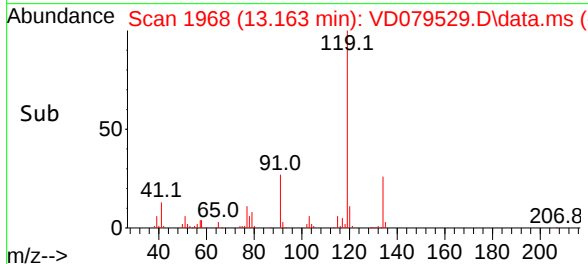
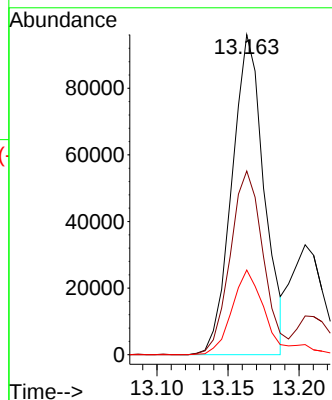
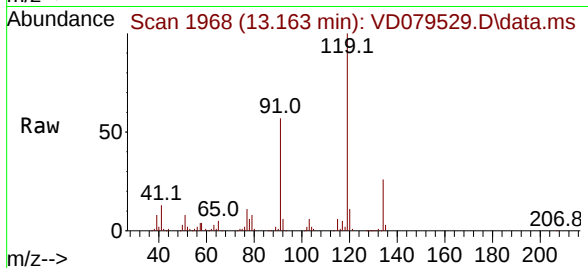
Tgt Ion:119 Resp: 151163

Ion Ratio Lower Upper

119 100

91 59.4 28.2 84.7

134 28.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.179 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079529.D

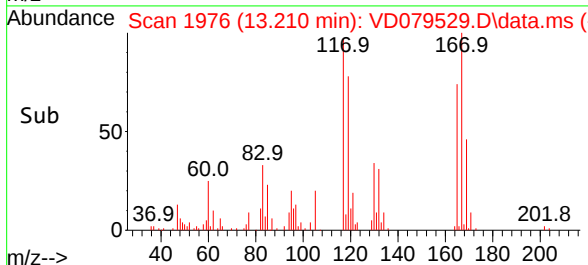
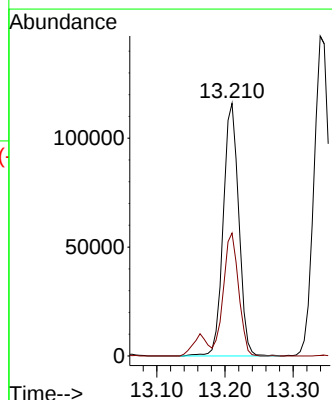
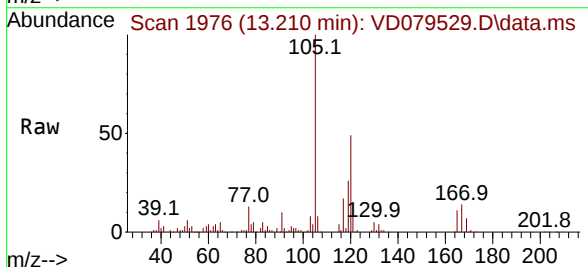
Acq: 01 Aug 2024 16:54

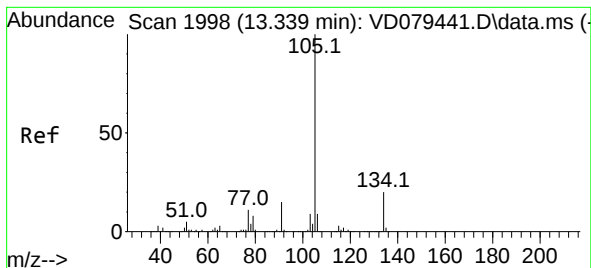
Tgt Ion:105 Resp: 183656

Ion Ratio Lower Upper

105 100

120 47.6 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.501 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

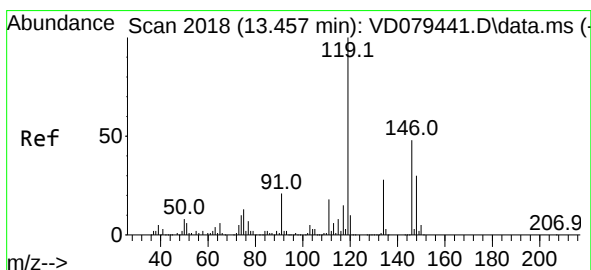
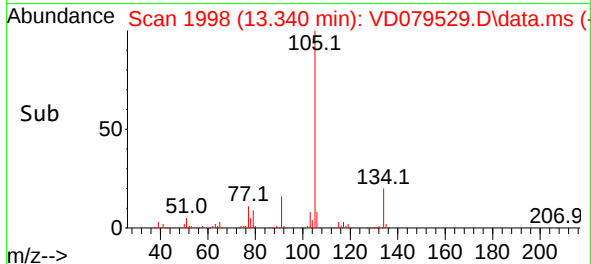
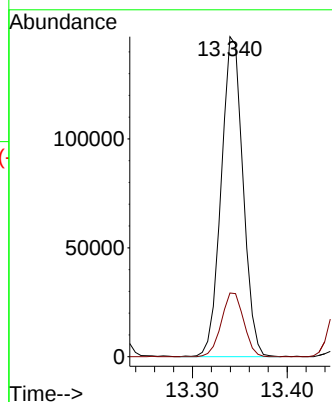
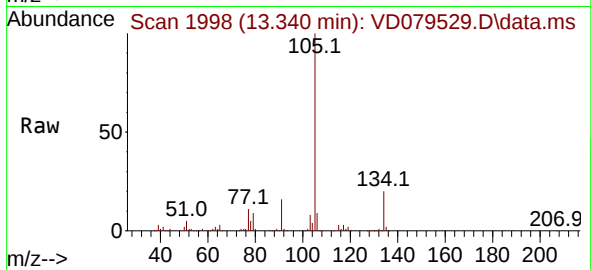
VD0801SBS01

Tgt Ion:105 Resp: 235431

Ion Ratio Lower Upper

105 100

134 20.3 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.800 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

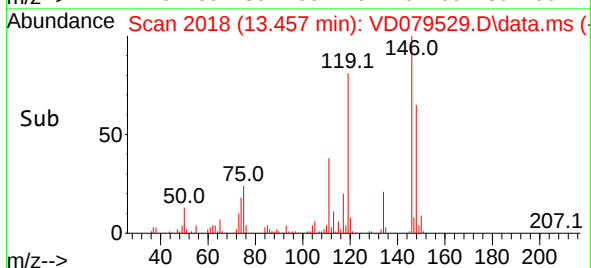
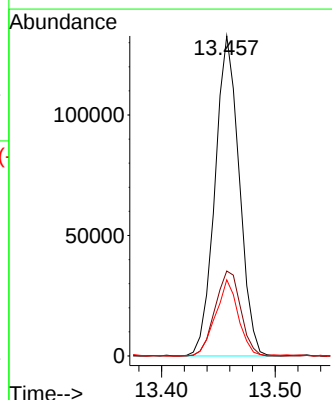
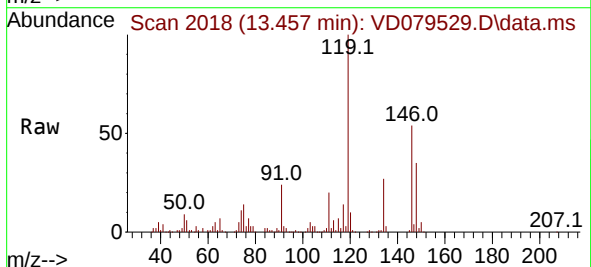
Tgt Ion:119 Resp: 197128

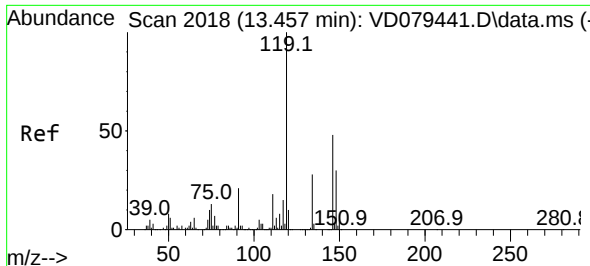
Ion Ratio Lower Upper

119 100

134 28.0 13.7 41.1

91 22.4 10.7 32.1



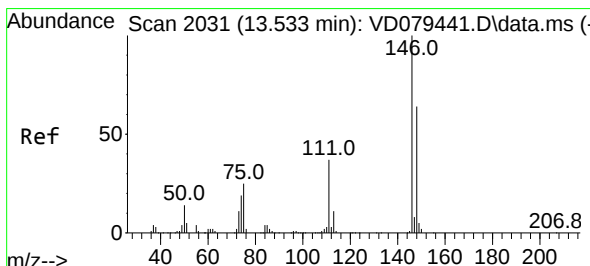
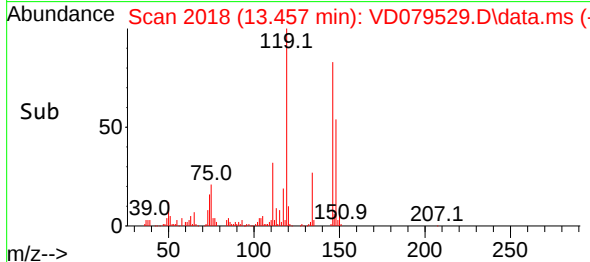
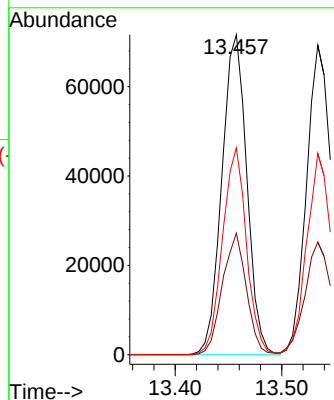
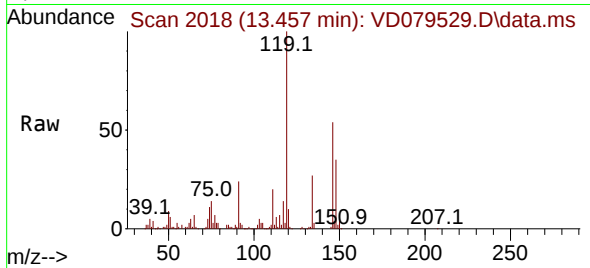


#87
 1,3-Dichlorobenzene
 Concen: 20.604 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079529.D
 Acq: 01 Aug 2024 16:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBS01

Tgt Ion:146 Resp: 116614

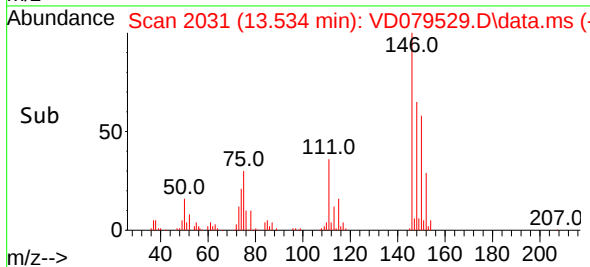
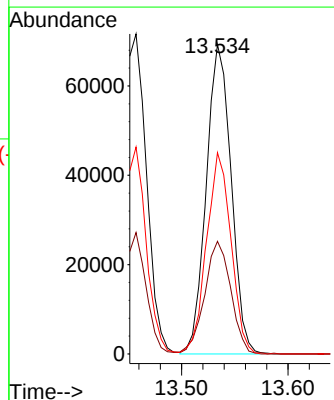
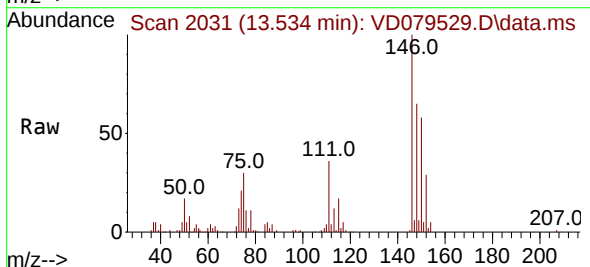
Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.5	55.5
148	62.3	30.9	92.8

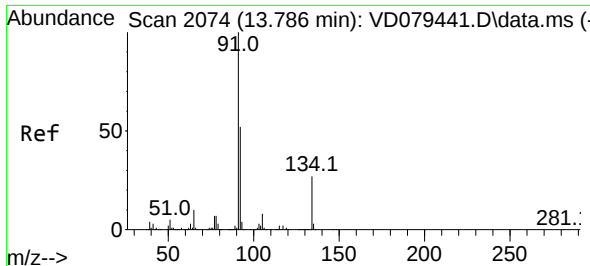


#88
 1,4-Dichlorobenzene
 Concen: 20.229 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD079529.D
 Acq: 01 Aug 2024 16:54

Tgt Ion:146 Resp: 112561

Ion	Ratio	Lower	Upper
146	100		
111	38.5	17.5	52.6
148	63.8	31.4	94.2

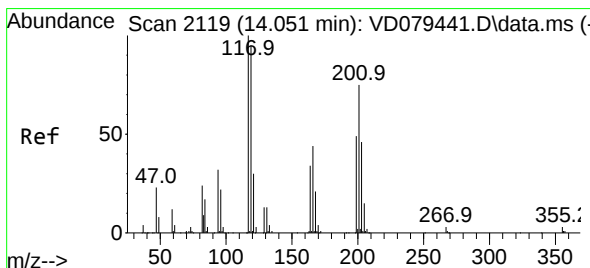
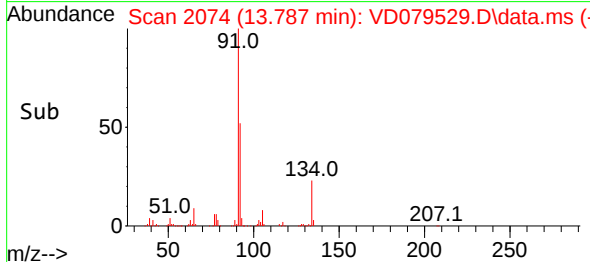
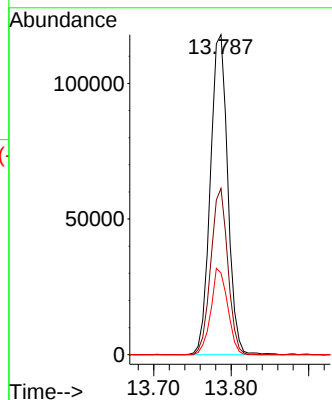
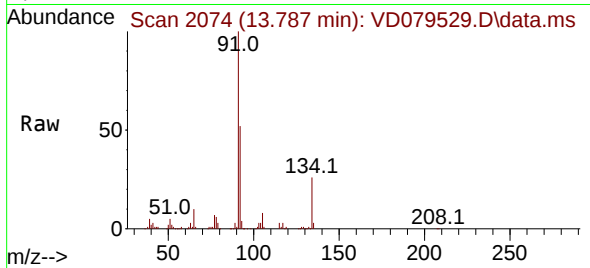




#89
n-Butylbenzene
Concen: 19.882 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

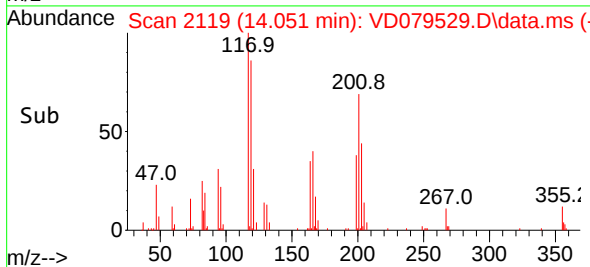
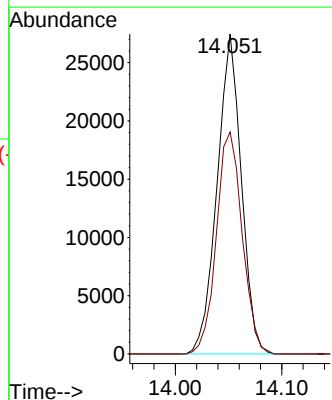
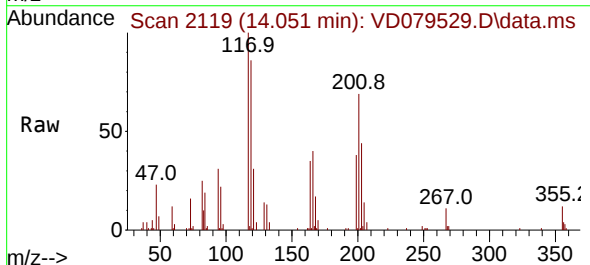
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

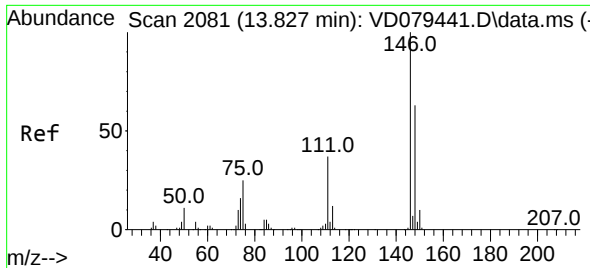
Tgt Ion: 91 Resp: 183747
Ion Ratio Lower Upper
91 100
92 50.7 25.7 77.0
134 26.0 13.6 40.8



#90
Hexachloroethane
Concen: 20.497 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion: 117 Resp: 43283
Ion Ratio Lower Upper
117 100
201 74.0 36.3 108.9

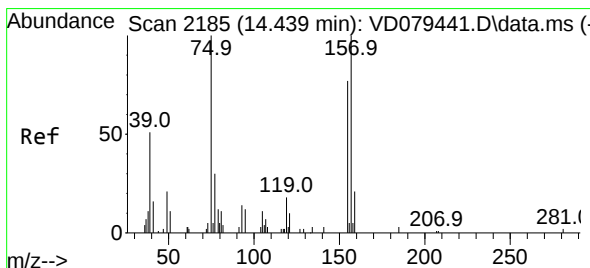
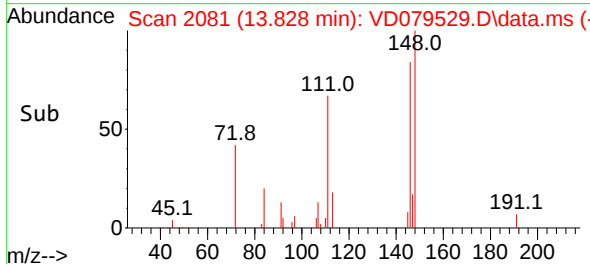
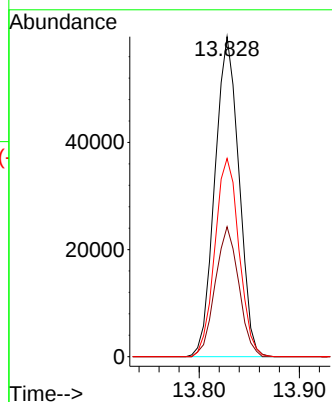
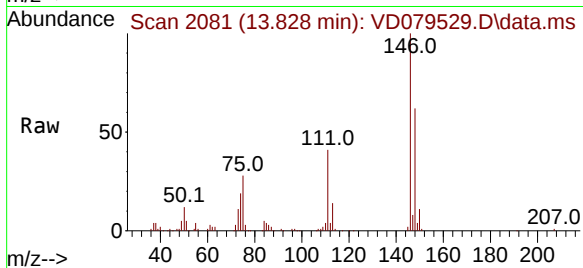




#91
1,2-Dichlorobenzene
Concen: 20.569 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

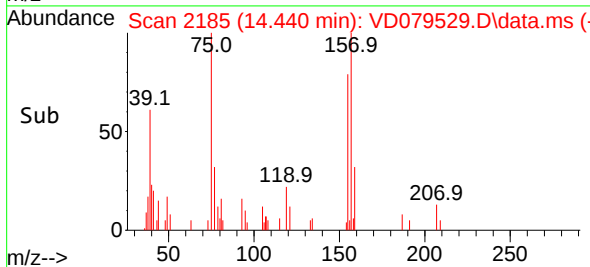
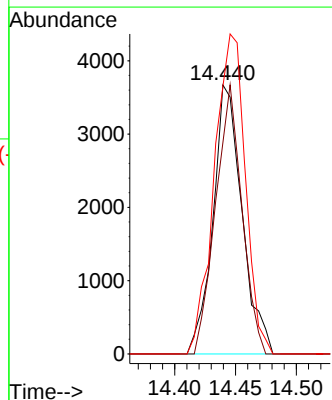
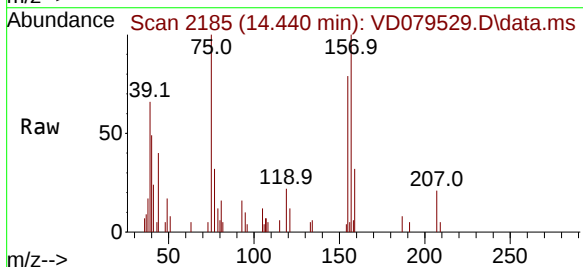
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

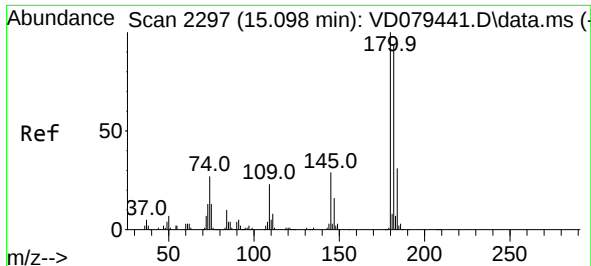
Tgt Ion:	146	Resp:	99490
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.1	57.1
148	62.2	31.1	93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.639 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:	75	Resp:	6095
Ion Ratio	Lower	Upper	
75	100		
155	90.7	47.7	143.1
157	127.3	63.4	190.2

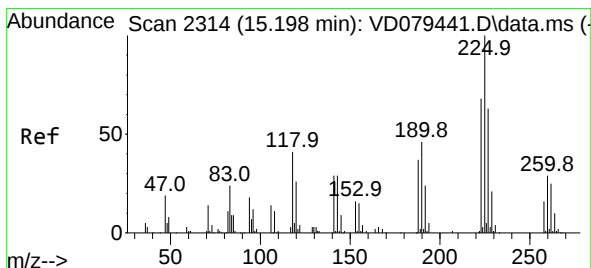
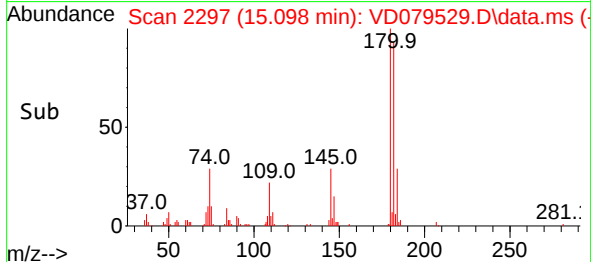
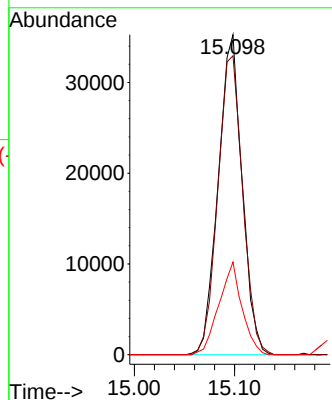
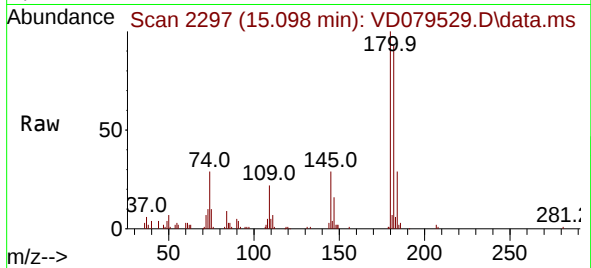




#93
1,2,4-Trichlorobenzene
Concen: 19.117 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

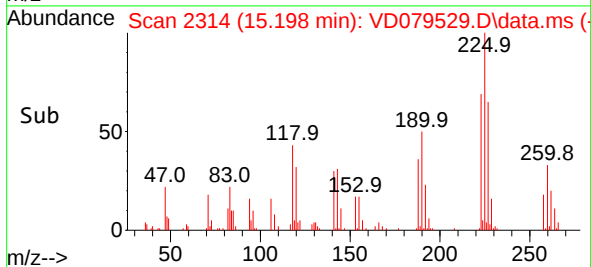
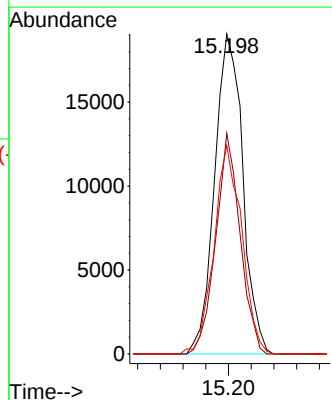
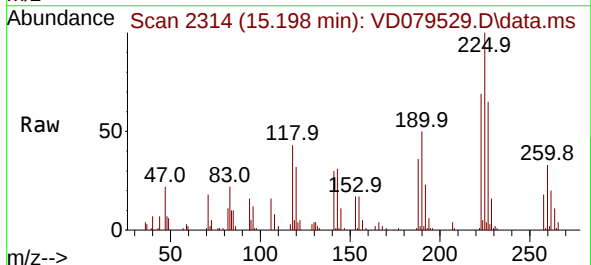
Instrument :
MSVOA_D
ClientSampleId :
VD0801SBS01

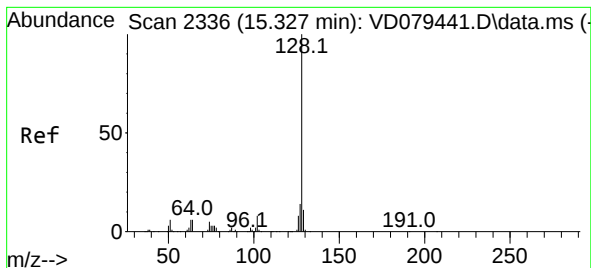
Tgt Ion:180 Resp: 58260
Ion Ratio Lower Upper
180 100
182 97.3 46.9 140.7
145 27.9 14.0 41.9



#94
Hexachlorobutadiene
Concen: 19.934 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD079529.D
Acq: 01 Aug 2024 16:54

Tgt Ion:225 Resp: 32788
Ion Ratio Lower Upper
225 100
223 59.8 33.3 99.9
227 64.2 33.6 100.6





#95

Naphthalene

Concen: 20.461 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBS01

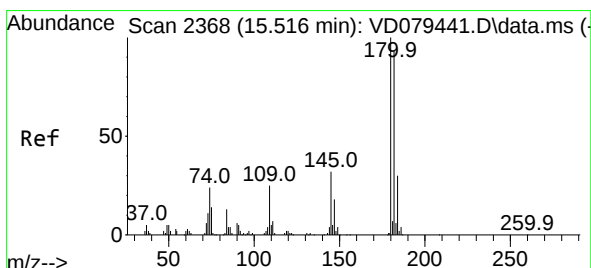
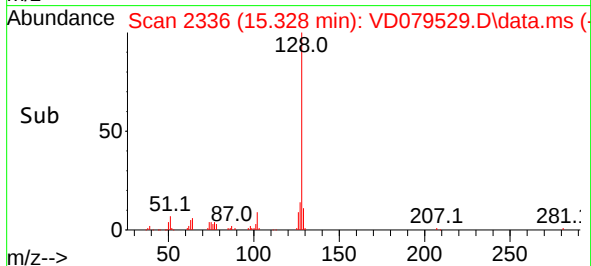
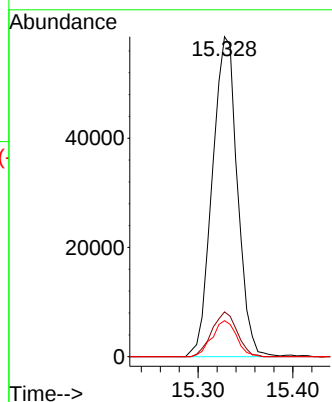
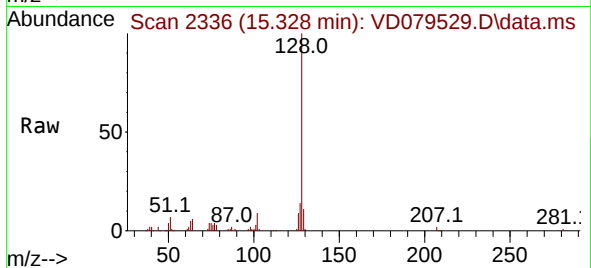
Tgt Ion:128 Resp: 107928

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.979 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079529.D

Acq: 01 Aug 2024 16:54

Tgt Ion:180 Resp: 50879

Ion Ratio Lower Upper

180 100

182 98.2 47.8 143.3

145 31.5 16.1 48.2

