

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
 Data File : VD079632.D
 Acq On : 06 Aug 2024 19:29
 Operator : RP/MD
 Sample : P3374-19MS
 Misc : 3.54G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024

Quant Time: Aug 07 02:51:22 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	202691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	367709	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102804	49.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.860%
35) Dibromofluoromethane	7.805	113	109330	43.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.860%
50) Toluene-d8	10.269	98	418975	43.350	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.700%
62) 4-Bromofluorobenzene	12.569	95	102305	36.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	67489	42.496	ug/l	92
3) Chloromethane	2.146	50	136173	46.535	ug/l	98
4) Vinyl Chloride	2.281	62	177292	50.956	ug/l	98
5) Bromomethane	2.687	94	108868	49.550	ug/l	98
6) Chloroethane	2.828	64	117693	52.641	ug/l	99
7) Trichlorofluoromethane	3.170	101	155365	44.901	ug/l	92
8) Diethyl Ether	3.593	74	49993	47.830	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.958	101	93832	42.876	ug/l	96
10) Methyl Iodide	4.164	142	114675	43.749	ug/l	97
11) Tert butyl alcohol	5.058	59	23566	254.846	ug/l #	97
12) 1,1-Dichloroethene	3.934	96	144044	65.772	ug/l	89
13) Acrolein	3.799	56	17417	114.240	ug/l	98
14) Allyl chloride	4.564	41	107960	37.331	ug/l #	87
15) Acrylonitrile	5.258	53	111856	229.019	ug/l	97
16) Acetone	4.022	43	110579	276.324	ug/l	89
17) Carbon Disulfide	4.264	76	327064	45.243	ug/l	99
18) Methyl Acetate	4.564	43	66771	53.741	ug/l #	85
19) Methyl tert-butyl Ether	5.316	73	224201	50.153	ug/l	98
20) Methylene Chloride	4.799	84	141989	47.520	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	259120	105.322	ug/l	90
22) Diisopropyl ether	6.216	45	341778	53.116	ug/l #	94
23) Vinyl Acetate	6.152	43	1036127	214.211	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	305790	70.916	ug/l	95
25) 2-Butanone	7.087	43	183753	323.884	ug/l #	1
26) 2,2-Dichloropropane	7.075	77	205573	58.940	ug/l #	1
27) cis-1,2-Dichloroethene	7.075	96	22033883	7835.237	ug/l	97
28) Bromochloromethane	7.422	49	87758	46.411	ug/l #	69
29) Tetrahydrofuran	7.440	42	83036	236.167	ug/l #	80
30) Chloroform	7.593	83	206957	47.394	ug/l	99
31) Cyclohexane	7.881	56	132850	38.847	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	162417	45.075	ug/l	97
36) 1,1-Dichloropropene	8.005	75	136386	40.149	ug/l	96
37) Ethyl Acetate	7.175	43	60705	43.586	ug/l #	64
38) Carbon Tetrachloride	7.987	117	136122	38.118	ug/l	99
39) Methylcyclohexane	9.275	83	126655	31.249	ug/l	92
40) Benzene	8.252	78	488534	45.279	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	31752	41.446	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	118763	46.192	ug/l	96
43) Isopropyl Acetate	8.363	43	111217	42.488	ug/l	96
44) Trichloroethene	9.028	130	547024	203.669	ug/l	91
45) 1,2-Dichloropropane	9.304	63	120647	45.949	ug/l	100
46) Dibromomethane	9.393	93	59251	40.705	ug/l	93
47) Bromodichloromethane	9.581	83	153632	42.984	ug/l	100
48) Methyl methacrylate	9.381	41	47600	40.633	ug/l	91
49) 1,4-Dioxane	9.387	88	12391	821.526	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	291951	218.459	ug/l	94
52) Toluene	10.334	92	280404	42.022	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	130729	39.607	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	165811	41.764	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	82897	43.232	ug/l	94
56) Ethyl methacrylate	10.599	69	97959	43.116	ug/l	89
57) 1,3-Dichloropropane	10.875	76	139304	42.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	174986	167.008	ug/l	91
59) 2-Hexanone	10.922	43	193195	207.281	ug/l	94
60) Dibromochloromethane	11.075	129	100055	39.944	ug/l	98
61) 1,2-Dibromoethane	11.175	107	72213	40.200	ug/l	96
64) Tetrachloroethene	10.804	164	119418	57.840	ug/l	96
65) Chlorobenzene	11.604	112	297525	43.882	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	101537	45.517	ug/l	97
67) Ethyl Benzene	11.681	91	483305	43.543	ug/l	96
68) m/p-Xylenes	11.787	106	376812	85.570	ug/l	93
69) o-Xylene	12.116	106	176933	43.836	ug/l	90
70) Styrene	12.134	104	272261	38.475	ug/l	95
71) Bromoform	12.293	173	53579	42.487	ug/l #	98
73) Isopropylbenzene	12.416	105	412493	46.916	ug/l	99
74) N-amyl acetate	12.228	43	82675	47.636	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.669	83	89737	58.540	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	52325m	50.731	ug/l	
77) Bromobenzene	12.698	156	97554	49.306	ug/l	87
78) n-propylbenzene	12.757	91	458518	46.486	ug/l	97
79) 2-Chlorotoluene	12.845	91	263591	47.994	ug/l	96
80) 1,3,5-Trimethylbenzene	12.898	105	311346	47.367	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	24988	46.207	ug/l	95
82) 4-Chlorotoluene	12.945	91	270986	47.330	ug/l	98
83) tert-Butylbenzene	13.163	119	258067	41.220	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	318158	43.501	ug/l	98
85) sec-Butylbenzene	13.340	105	337842	38.643	ug/l	100
86) p-Isopropyltoluene	13.457	119	282896	35.423	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	163253	39.833	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	161914	40.184	ug/l	97
89) n-Butylbenzene	13.781	91	205940	28.701	ug/l	99
90) Hexachloroethane	14.045	117	52561	34.373	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	143896	41.081	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11277	55.288	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	45929	20.812	ug/l	99
94) Hexachlorobutadiene	15.204	225	16222	13.619	ug/l	91
95) Naphthalene	15.328	128	122936	32.185	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	38775	19.974	ug/l	99

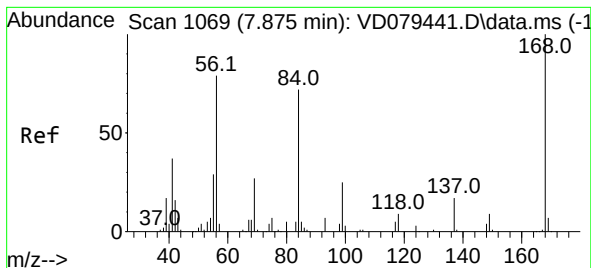
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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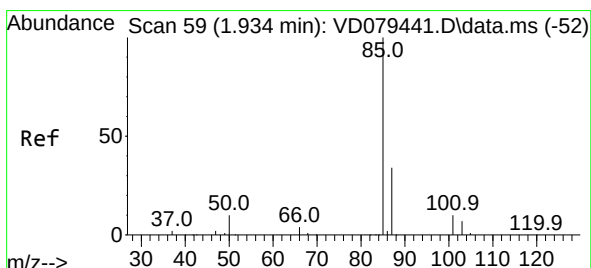
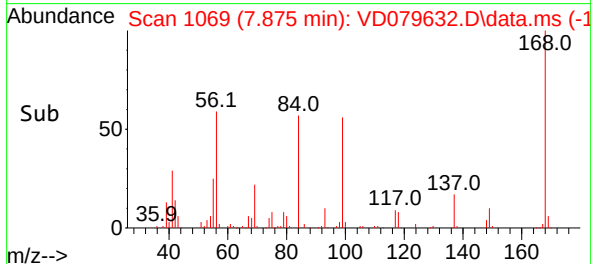
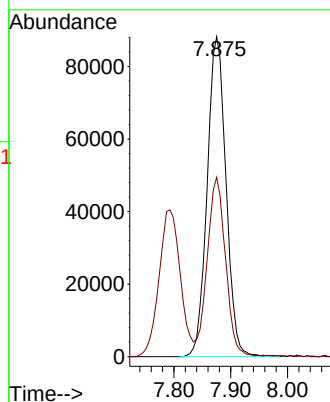
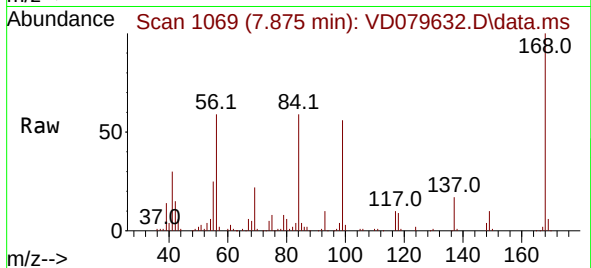
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079632.D
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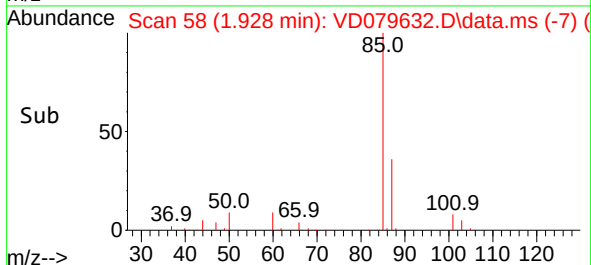
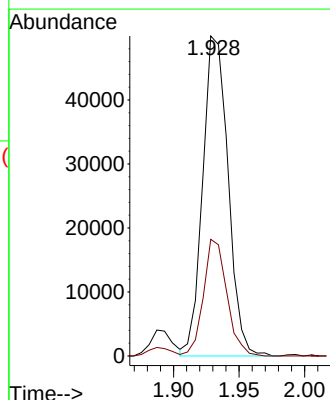
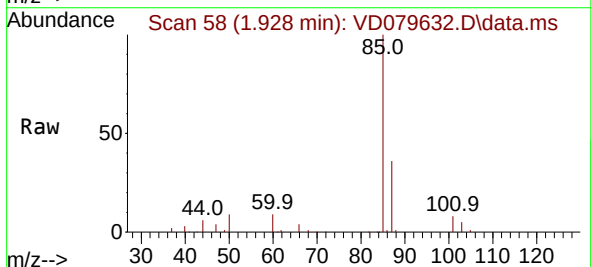
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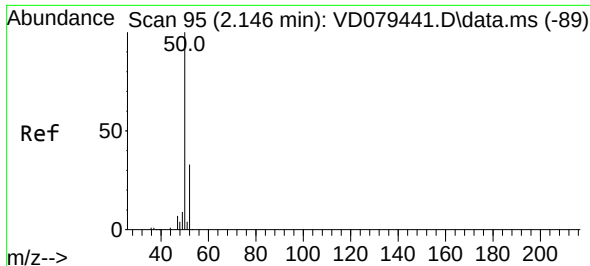
Tgt Ion:168 Resp: 202691
Ion Ratio Lower Upper
168 100
99 55.7 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 42.496 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 85 Resp: 67489
Ion Ratio Lower Upper
85 100
87 36.5 16.0 48.0

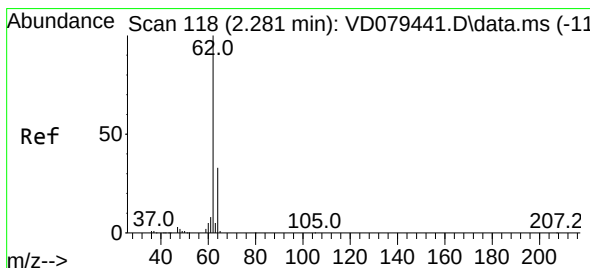
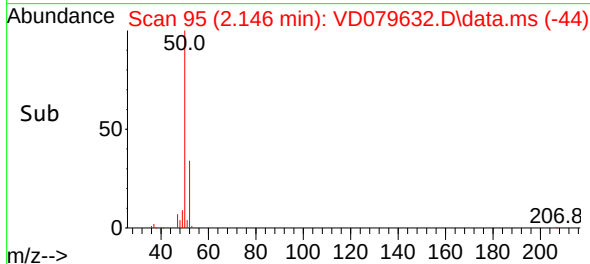
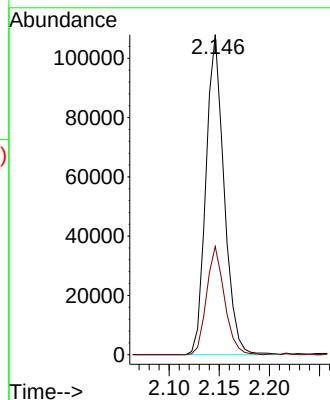
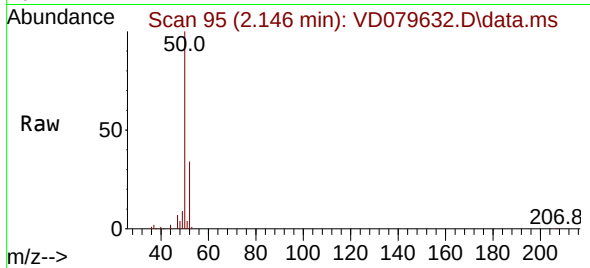




#3
Chloromethane
Concen: 46.535 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

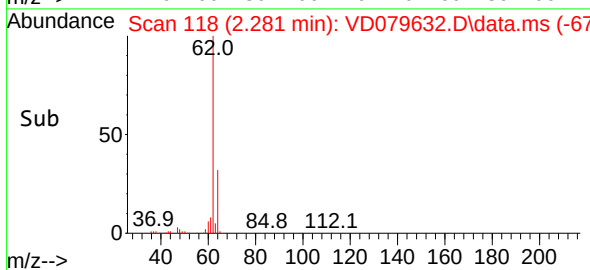
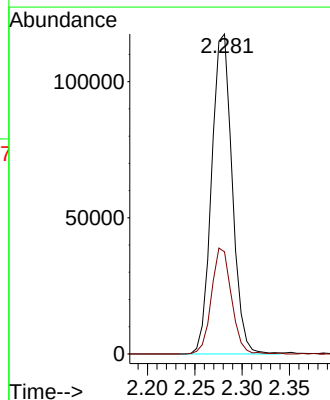
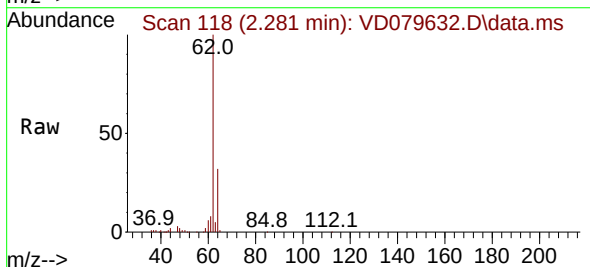
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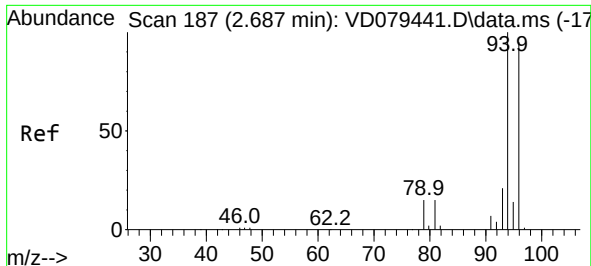
Tgt Ion: 50 Resp: 136173
Ion Ratio Lower Upper
50 100
52 33.8 28.2 42.2



#4
Vinyl Chloride
Concen: 50.956 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 62 Resp: 177292
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

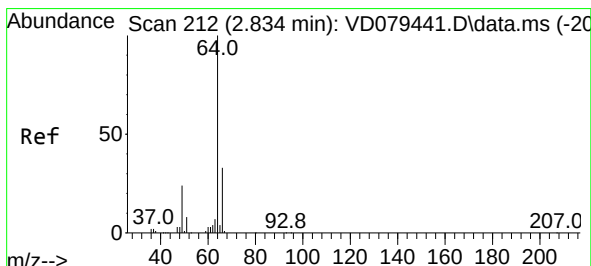
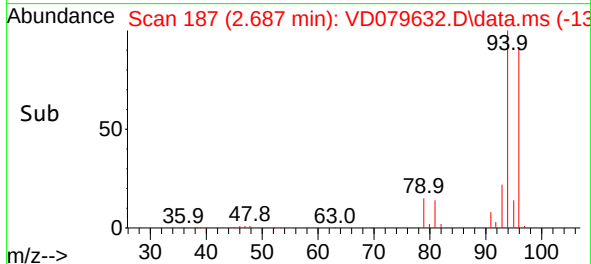
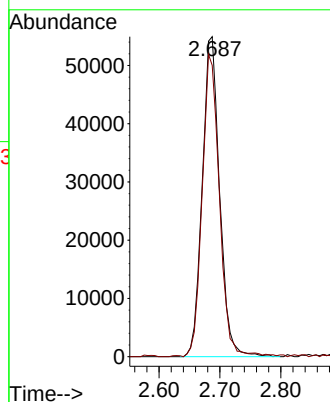
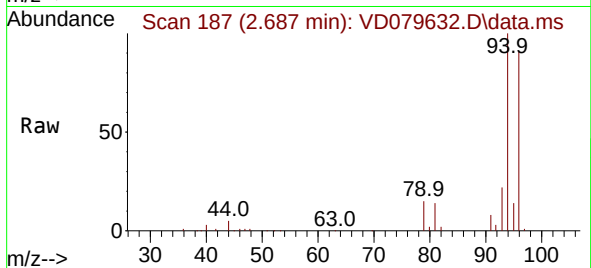




#5
Bromomethane
Concen: 49.550 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

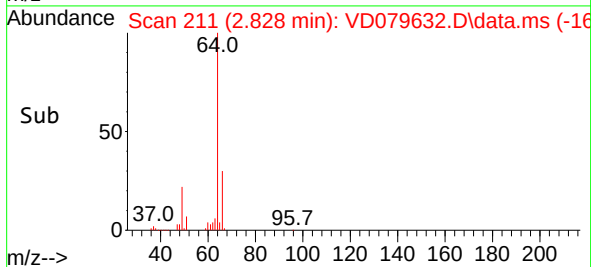
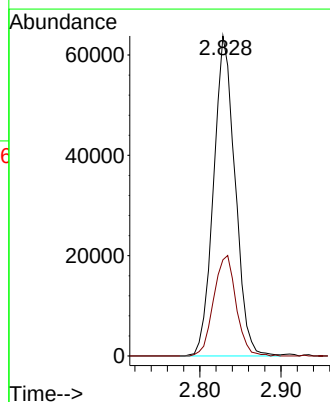
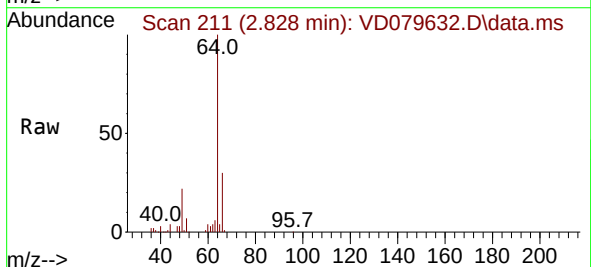
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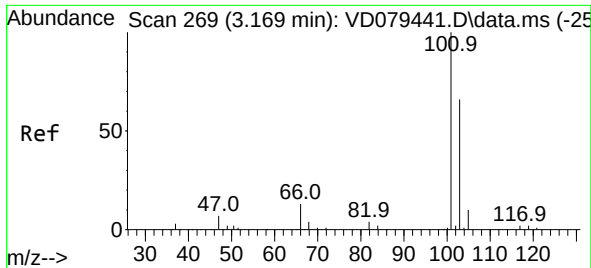
Tgt Ion: 94 Resp: 108868
Ion Ratio Lower Upper
94 100
96 93.9 76.9 115.3



#6
Chloroethane
Concen: 52.641 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 64 Resp: 117693
Ion Ratio Lower Upper
64 100
66 30.1 24.5 36.7

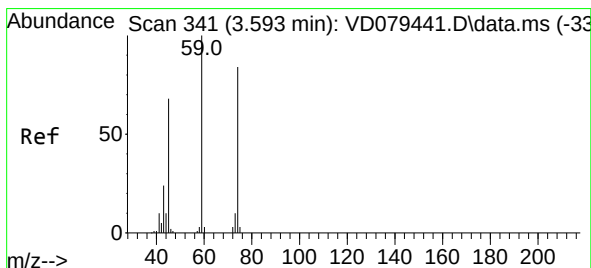
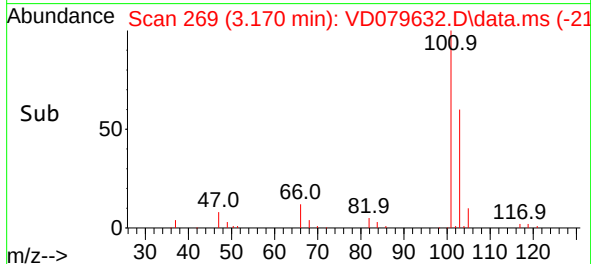
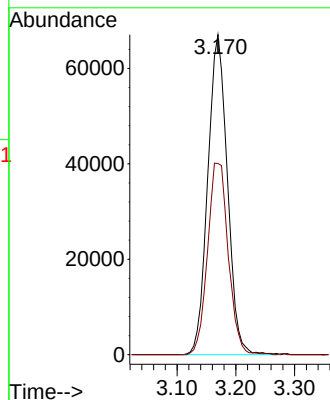
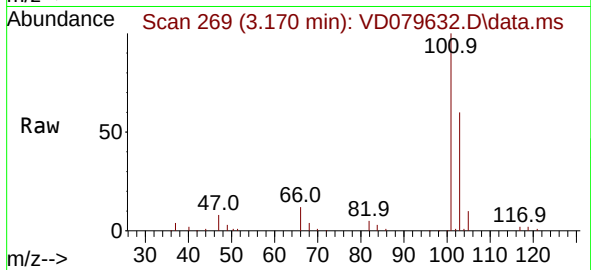




#7
Trichlorofluoromethane
Concen: 44.901 ug/l
RT: 3.170 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

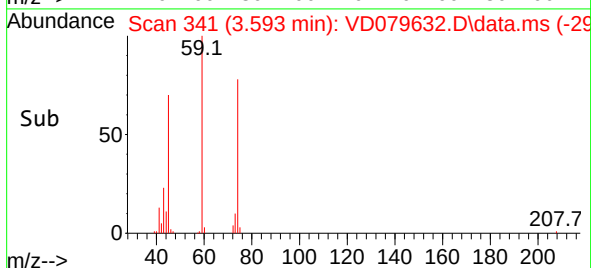
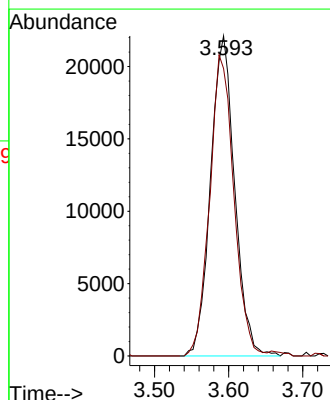
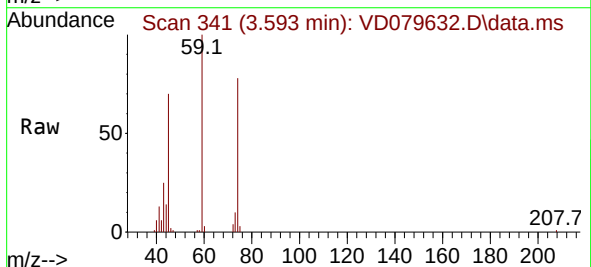
Instrument :
MSVOA_D
ClientSampleId :
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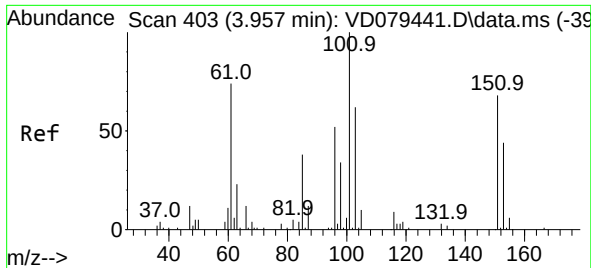
Tgt Ion:101 Resp: 155365
Ion Ratio Lower Upper
101 100
103 59.7 53.2 79.8



#8
Diethyl Ether
Concen: 47.830 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 74 Resp: 49993
Ion Ratio Lower Upper
74 100
45 94.3 37.9 113.6

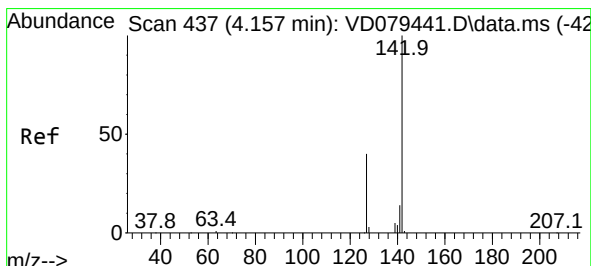
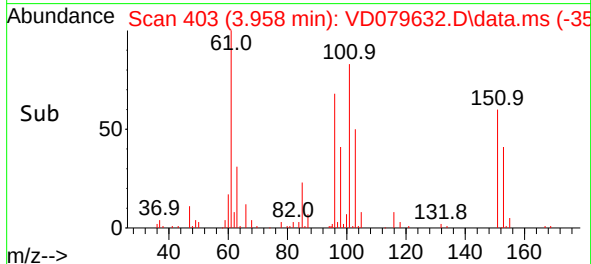
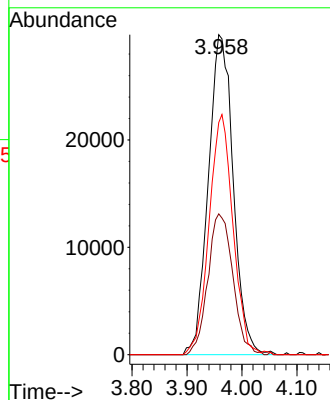
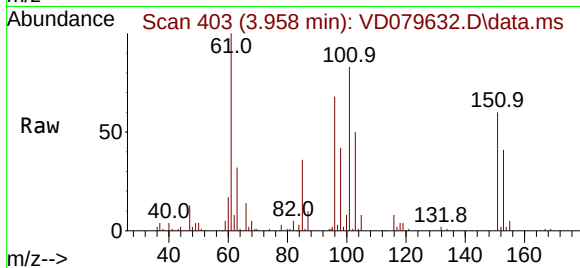




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.876 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

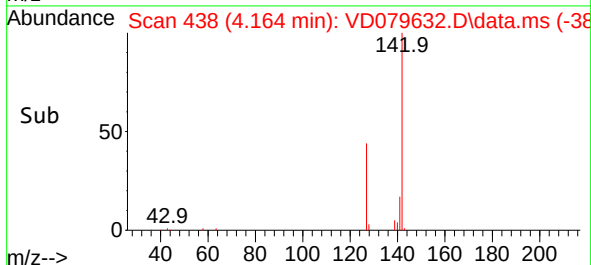
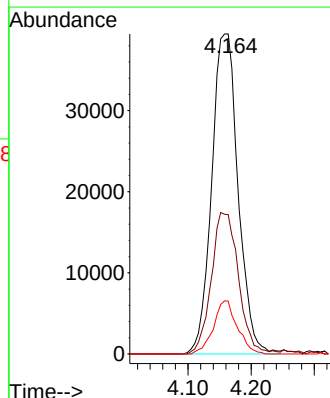
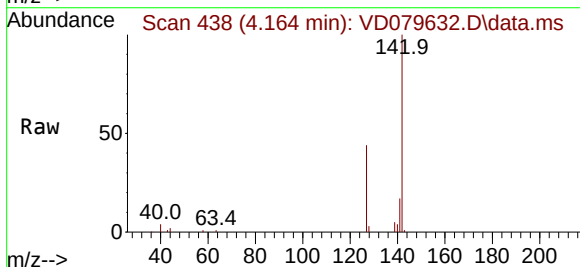
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

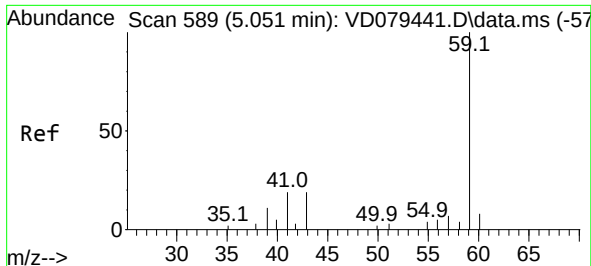
Tgt Ion:	101	Resp:	93832
Ion	Ratio	Lower	Upper
101	100		
85	44.2	33.5	50.3
151	72.4	60.3	90.5



#10
Methyl Iodide
Concen: 43.749 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	142	Resp:	114675
Ion	Ratio	Lower	Upper
142	100		
127	45.5	34.2	51.4
141	15.0	11.7	17.5





#11

Tert butyl alcohol

Concen: 254.846 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.012 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

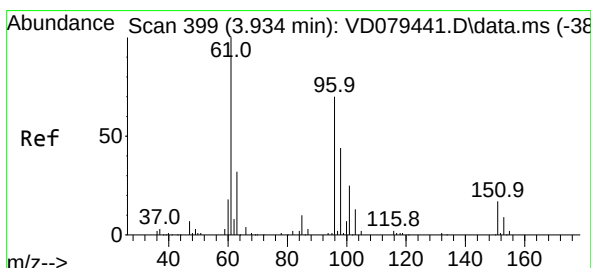
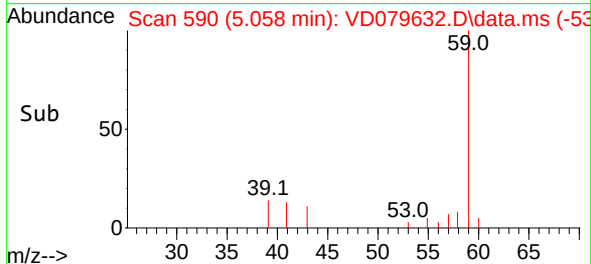
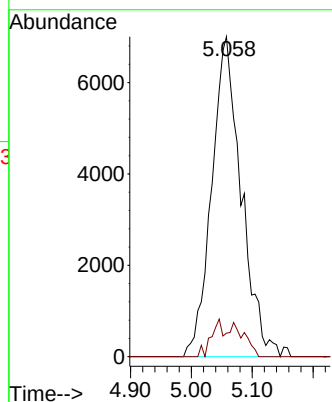
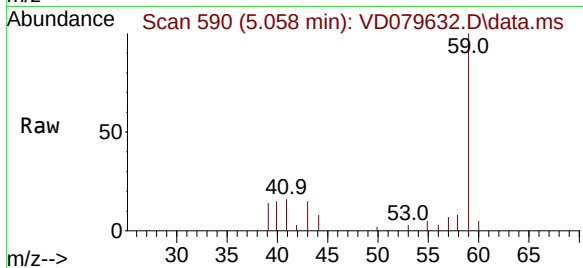
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 59 Resp: 23566

Ion Ratio Lower Upper

59 100

57 5.4 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 65.772 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.006 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

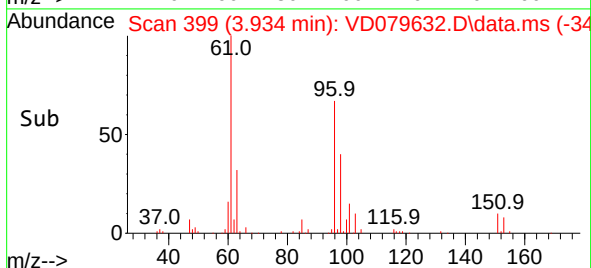
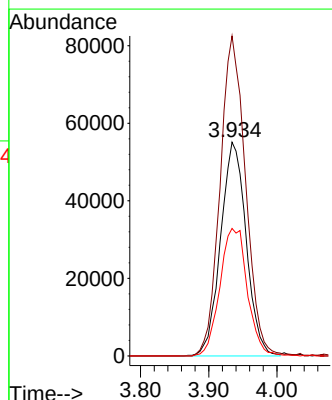
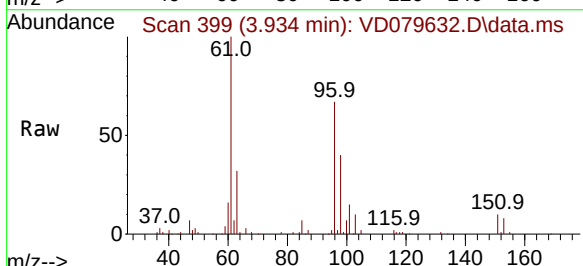
Tgt Ion: 96 Resp: 144044

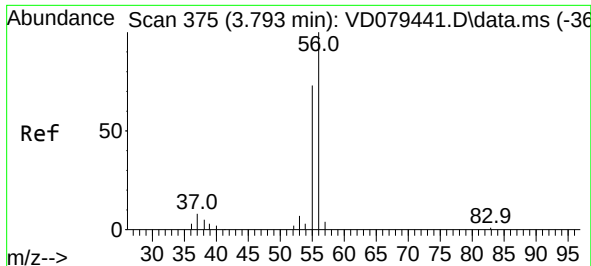
Ion Ratio Lower Upper

96 100

61 149.7 107.3 160.9

98 59.7 51.7 77.5

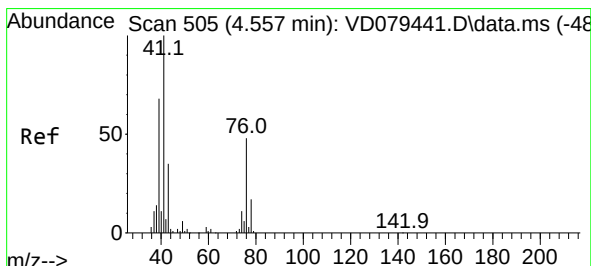
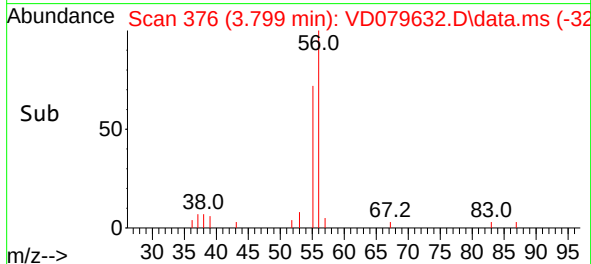
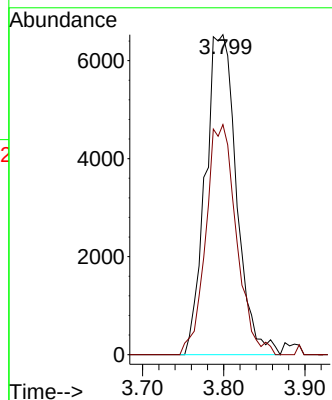
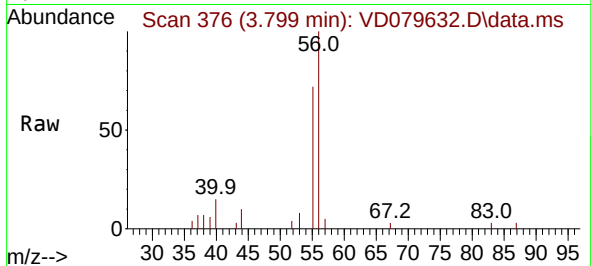




#13
Acrolein
Concen: 114.240 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

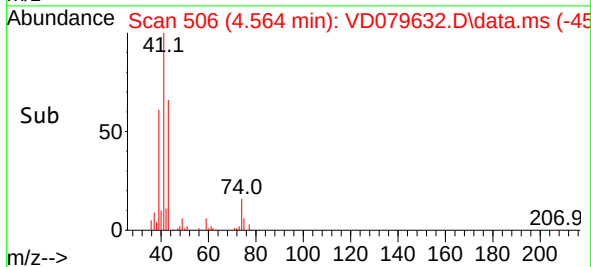
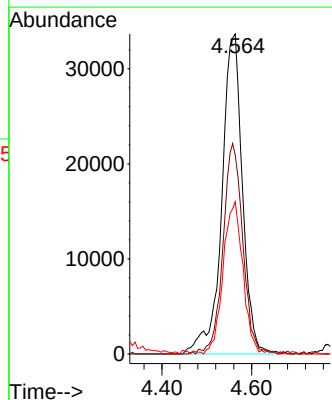
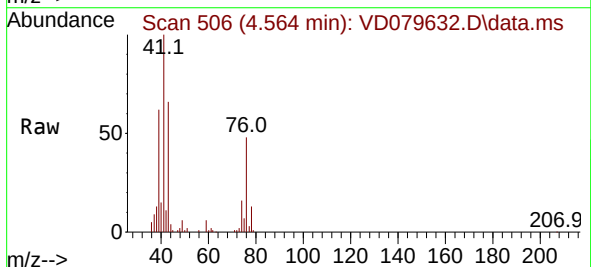
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

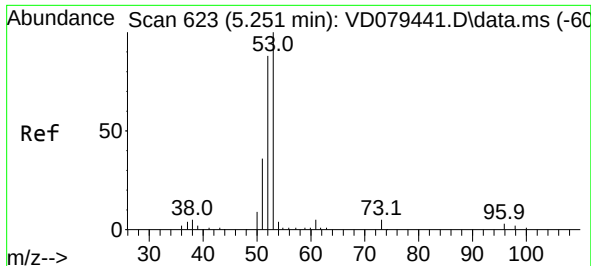
Tgt Ion: 56 Resp: 17417
Ion Ratio Lower Upper
56 100
55 70.5 55.3 82.9



#14
Allyl chloride
Concen: 37.331 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 41 Resp: 107960
Ion Ratio Lower Upper
41 100
39 62.9 58.0 87.0
76 45.7 45.9 68.9#

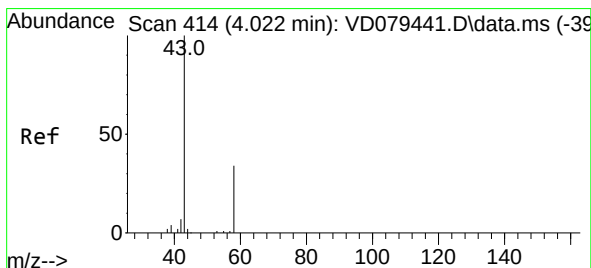
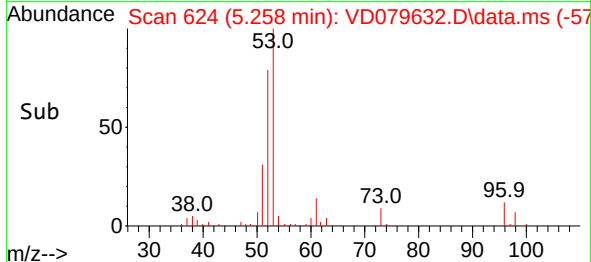
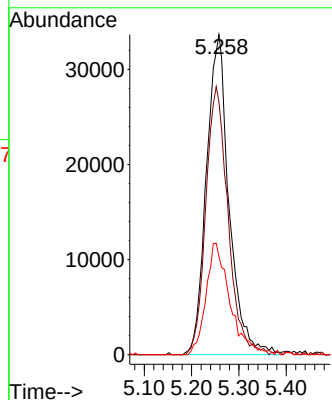
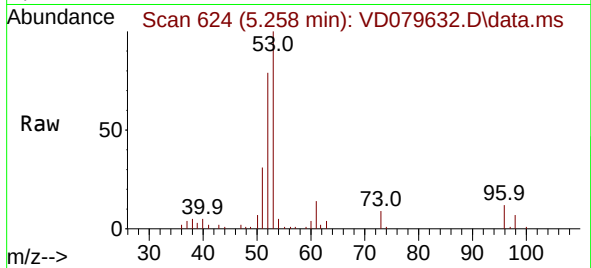




#15
Acrylonitrile
Concen: 229.019 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

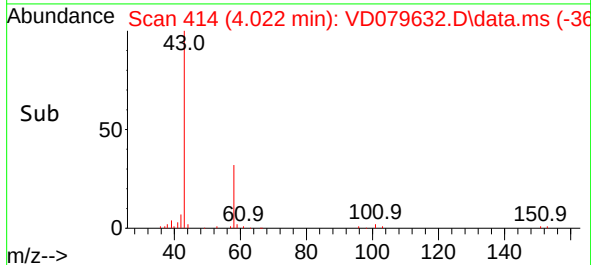
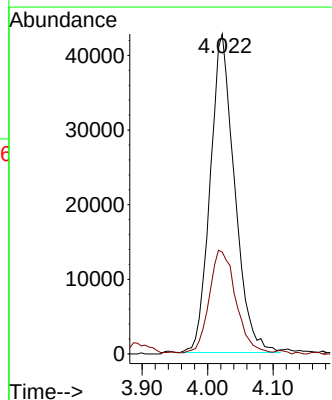
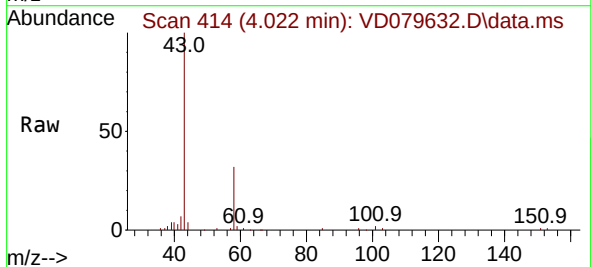
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

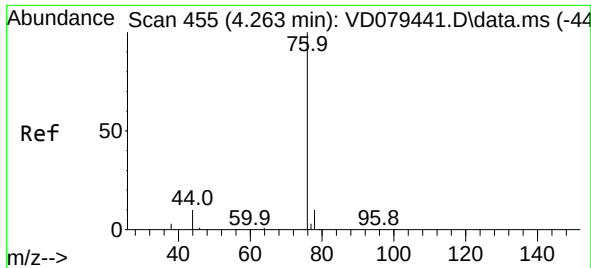
Tgt Ion: 53 Resp: 111856
Ion Ratio Lower Upper
53 100
52 82.0 67.7 101.5
51 36.9 28.6 42.8



#16
Acetone
Concen: 276.324 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 43 Resp: 110579
Ion Ratio Lower Upper
43 100
58 31.7 30.4 45.6

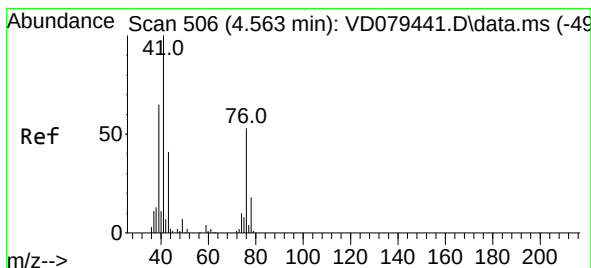
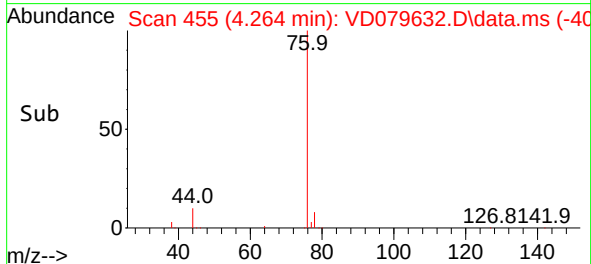
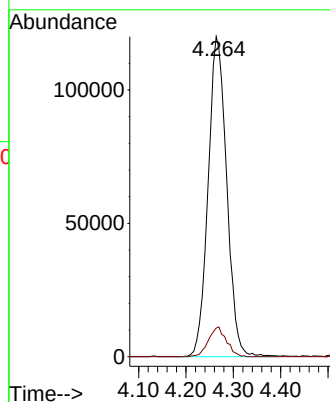
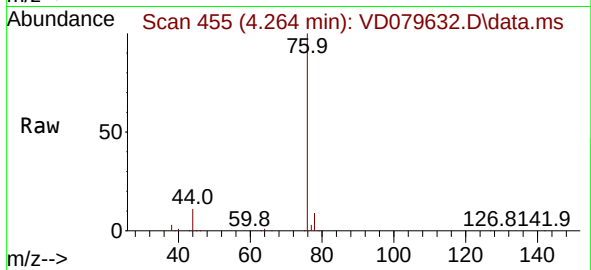




#17
Carbon Disulfide
Concen: 45.243 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

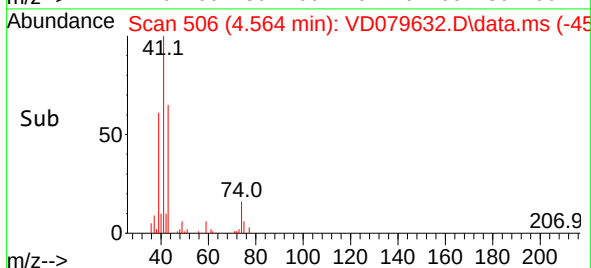
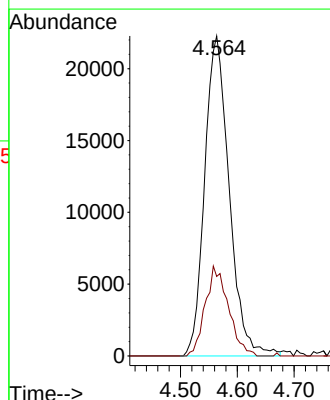
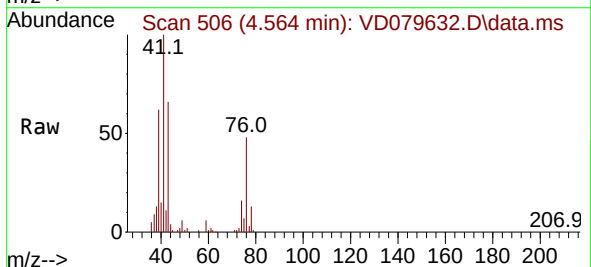
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

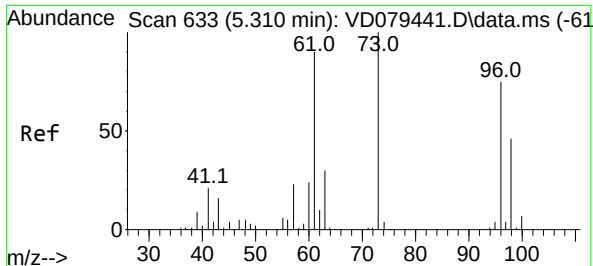
Tgt Ion: 76 Resp: 327064
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 53.741 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 43 Resp: 66771
Ion Ratio Lower Upper
43 100
74 26.5 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 50.153 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

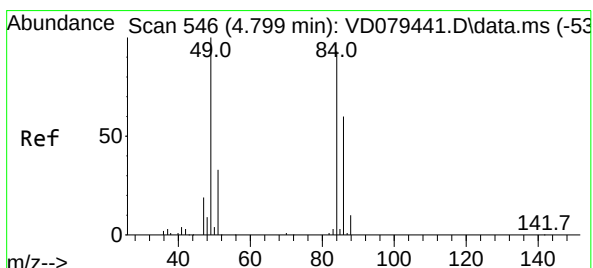
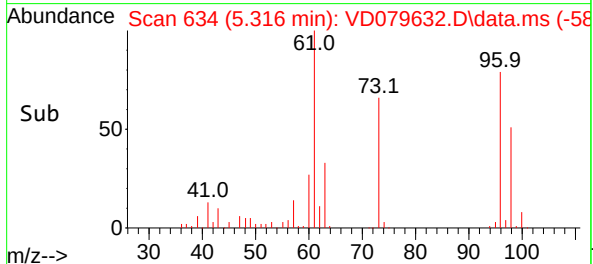
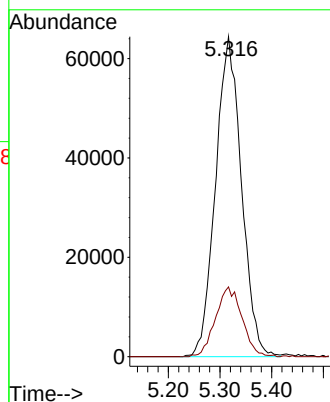
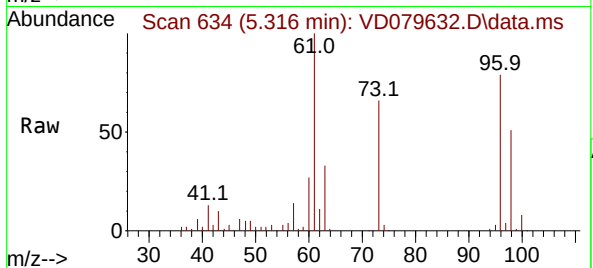
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 73 Resp: 224201

Ion Ratio Lower Upper

73 100

57 21.8 18.3 27.5



#20

Methylene Chloride

Concen: 47.520 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Tgt Ion: 84 Resp: 141989

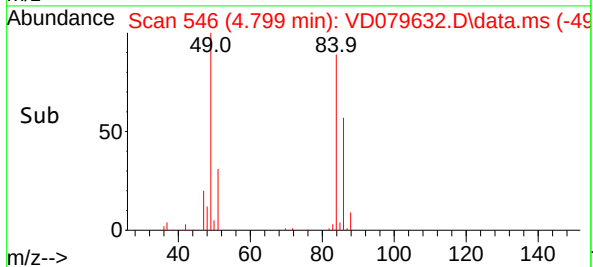
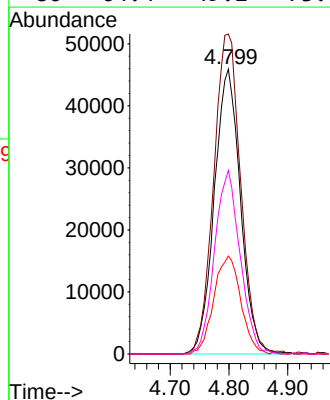
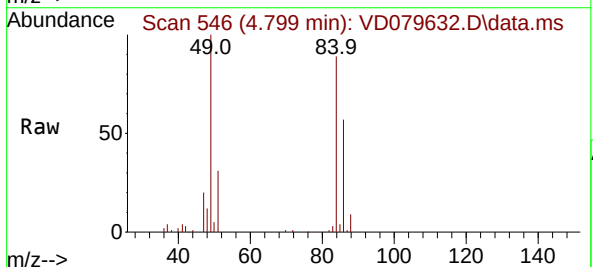
Ion Ratio Lower Upper

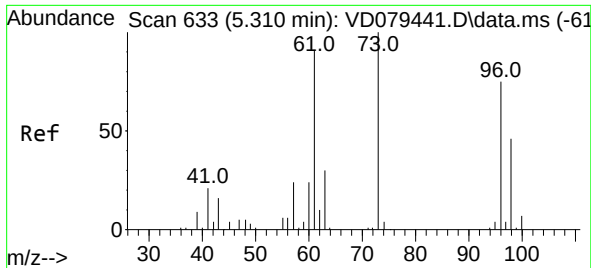
84 100

49 112.3 75.6 113.4

51 34.4 24.2 36.2

86 64.4 49.2 73.8

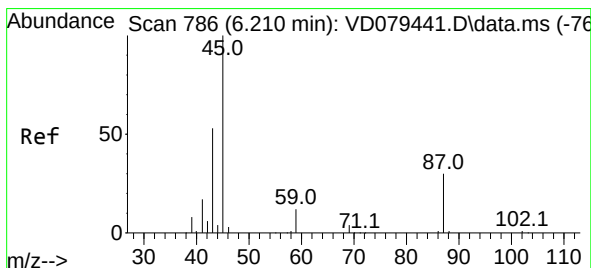
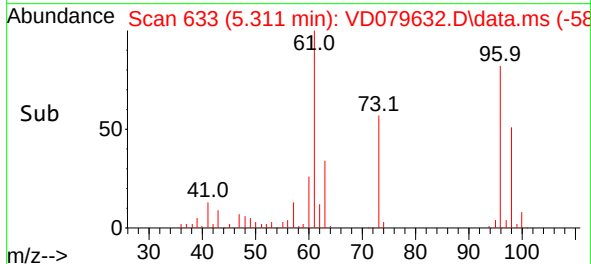
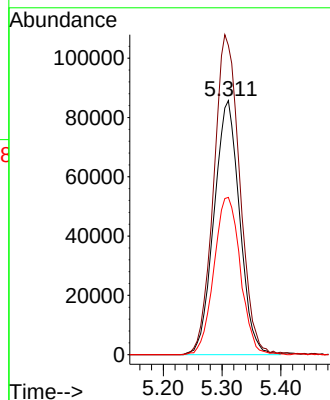
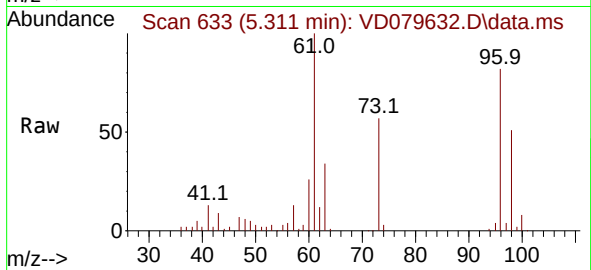




#21
trans-1,2-Dichloroethene
Concen: 105.322 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

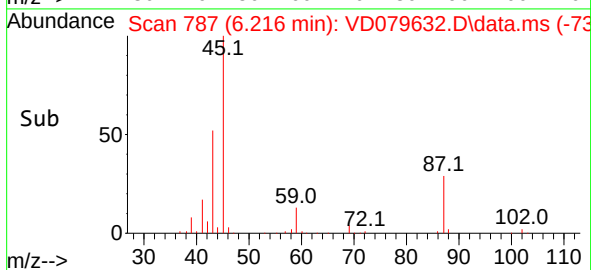
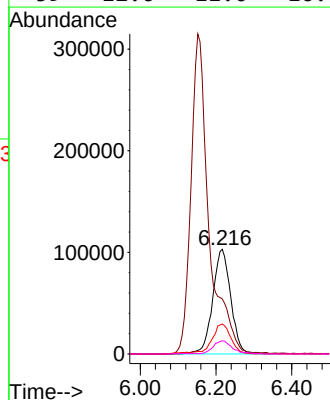
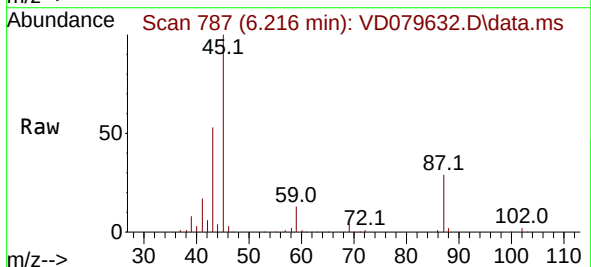
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

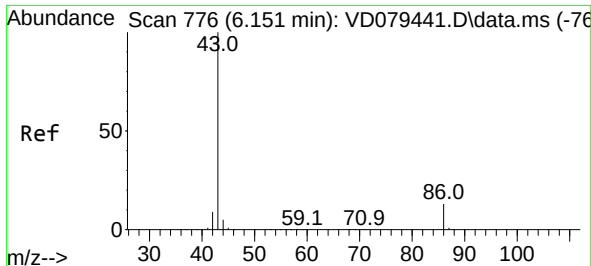
Tgt Ion: 96 Resp: 259120
Ion Ratio Lower Upper
96 100
61 121.7 84.5 126.7
98 61.9 50.5 75.7



#22
Diisopropyl ether
Concen: 53.116 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 45 Resp: 341778
Ion Ratio Lower Upper
45 100
43 51.9 41.7 62.5
87 28.6 30.2 45.2#
59 12.6 11.0 16.6

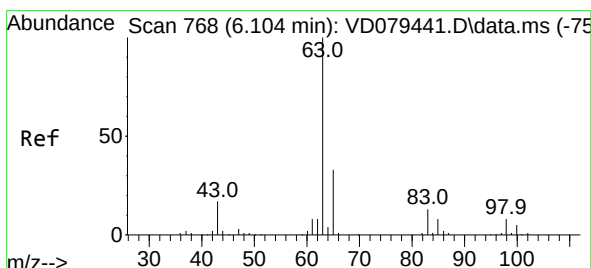
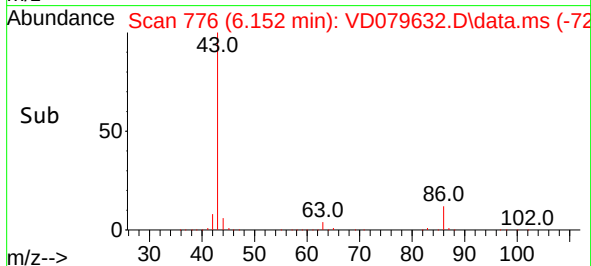
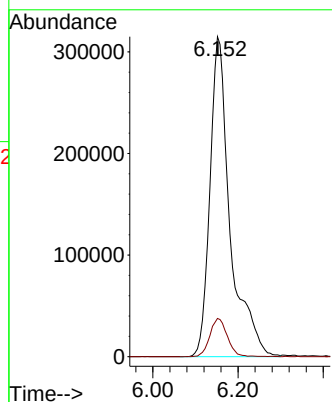
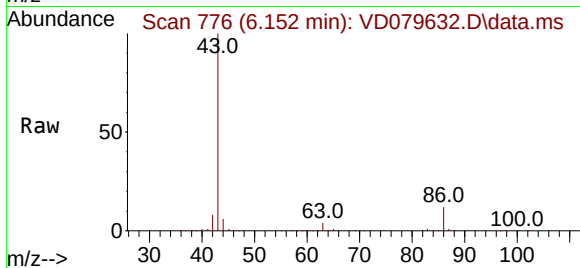




#23
 Vinyl Acetate
 Concen: 214.211 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

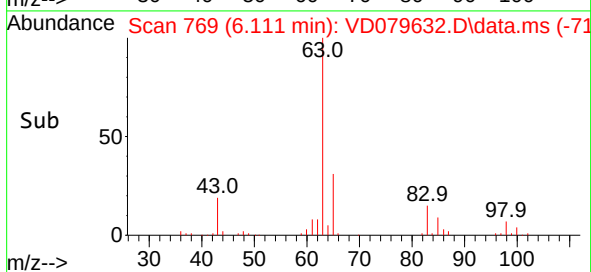
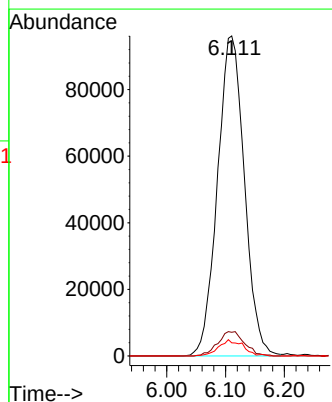
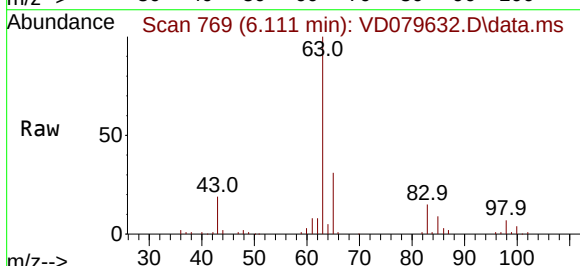
Instrument : MSVOA_D
 ClientSampleId : S-863-K2-SO-12.75-13.25-072024

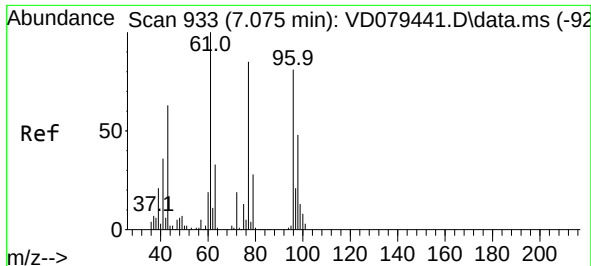
Tgt Ion: 43 Resp: 1036127
 Ion Ratio Lower Upper
 43 100
 86 11.9 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 70.916 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Tgt Ion: 63 Resp: 305790
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.7 14.0
 100 4.1 2.9 8.6

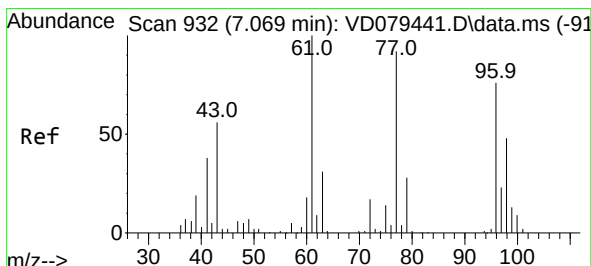
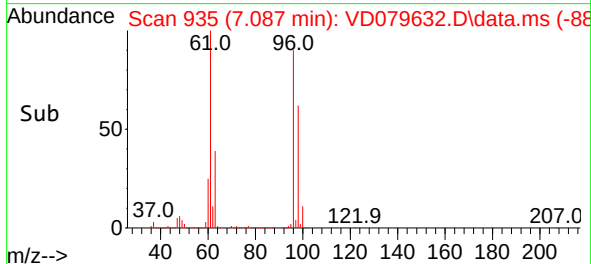
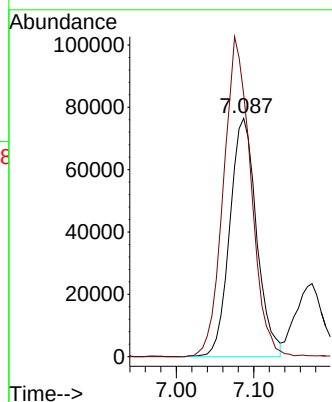
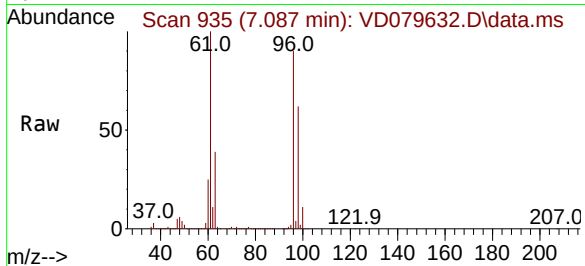




#25
2-Butanone
Concen: 323.884 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

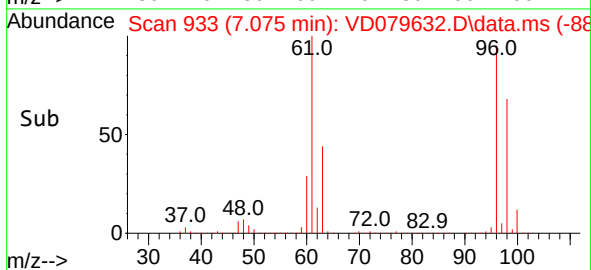
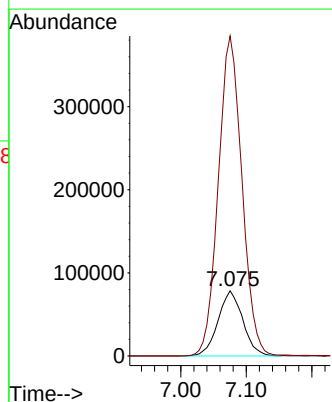
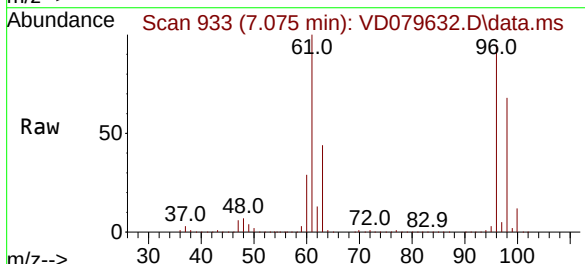
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

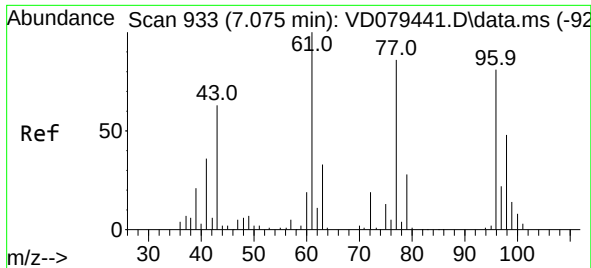
Tgt Ion: 43 Resp: 183753
Ion Ratio Lower Upper
43 100
72 109.9 26.4 39.6#



#26
2,2-Dichloropropane
Concen: 58.940 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 77 Resp: 205573
Ion Ratio Lower Upper
77 100
97 469.1 12.4 37.2#



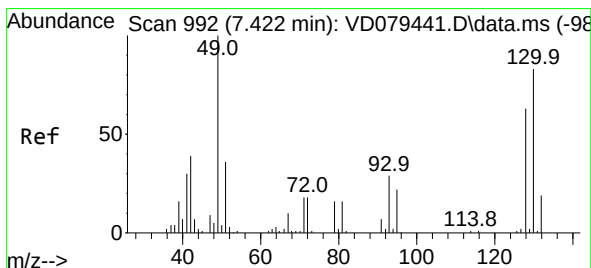
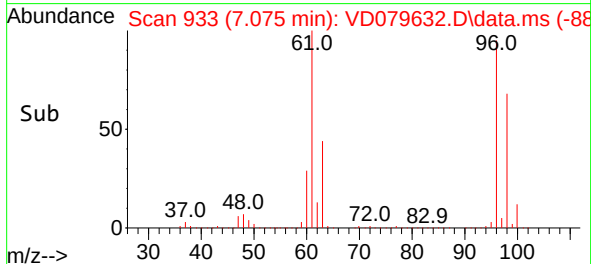
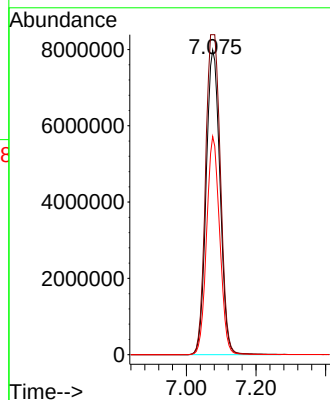
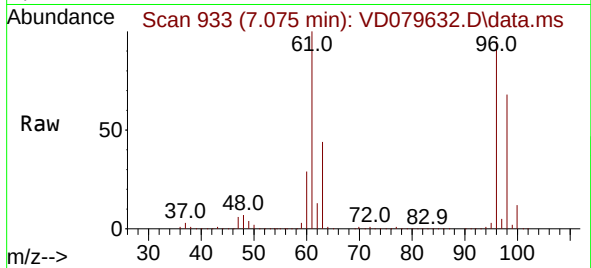


#27
 cis-1,2-Dichloroethene
 Concen: 7835.237 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 96 Resp:22033883

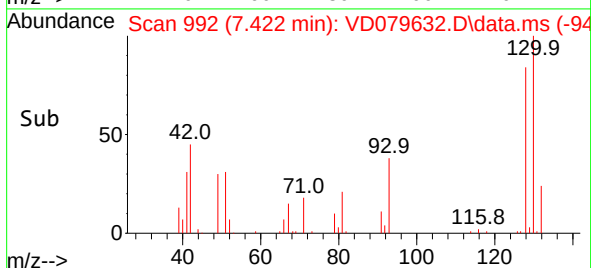
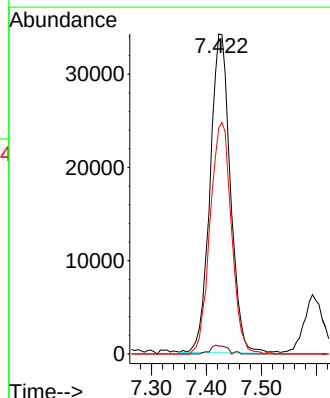
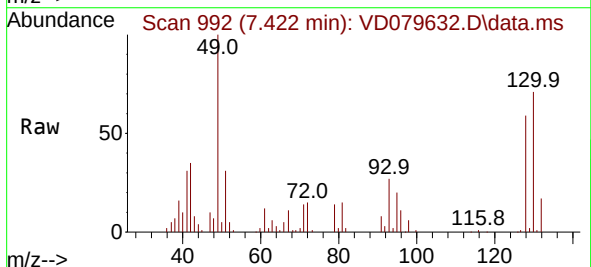
Ion	Ratio	Lower	Upper
96	100		
61	113.0	0.0	229.0
98	67.9	0.0	127.2

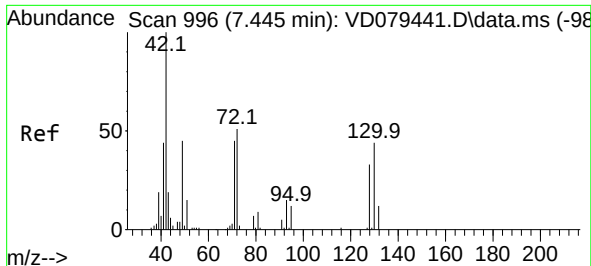


#28
 Bromochloromethane
 Concen: 46.411 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.006 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Tgt Ion: 49 Resp: 87758

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	7.0
130	76.0	87.7	131.5#

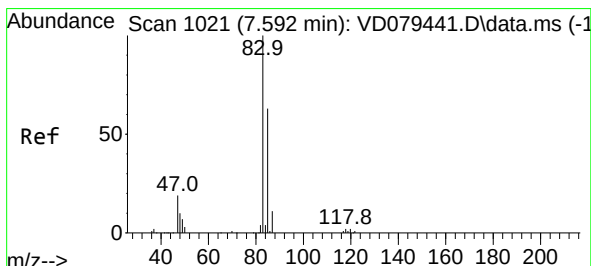
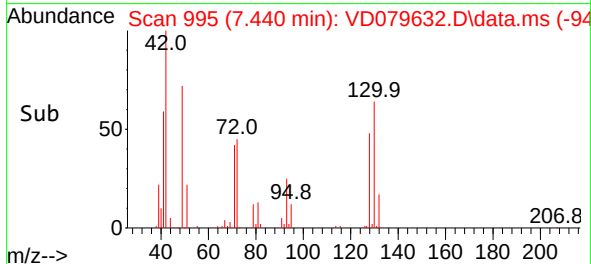
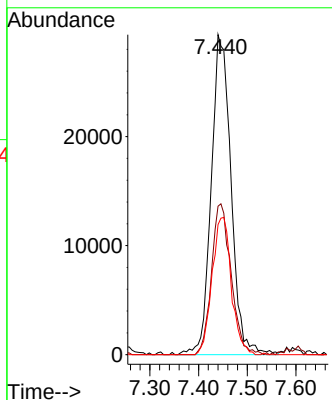
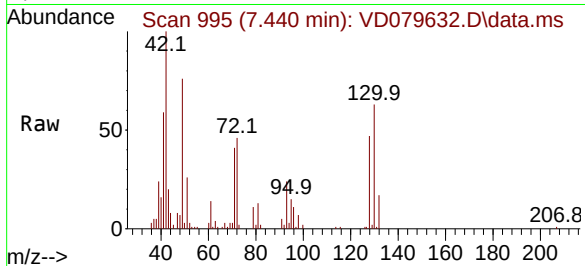




#29
Tetrahydrofuran
Concen: 236.167 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

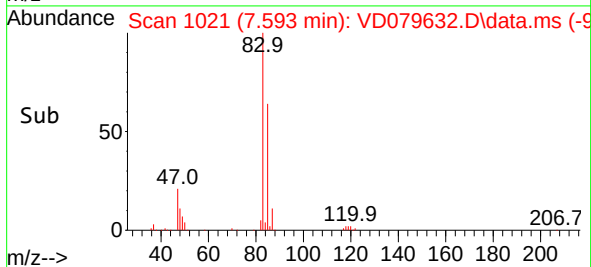
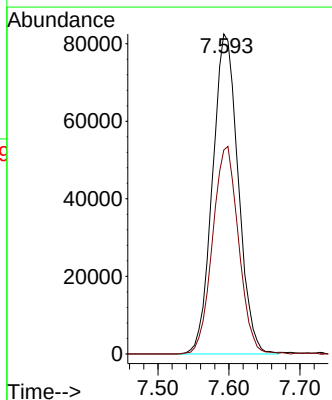
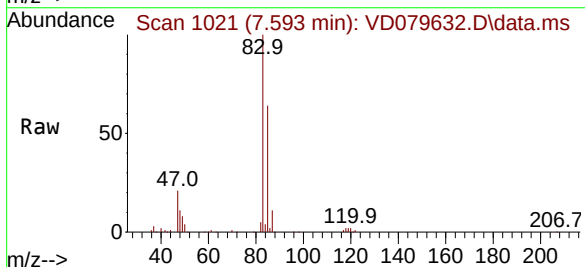
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

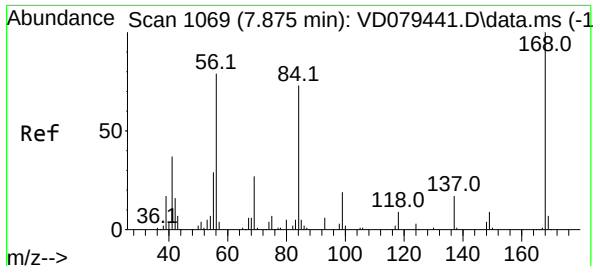
Tgt Ion: 42 Resp: 83036
Ion Ratio Lower Upper
42 100
72 46.5 49.4 74.0#
71 41.8 45.0 67.6#



#30
Chloroform
Concen: 47.394 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 83 Resp: 206957
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6

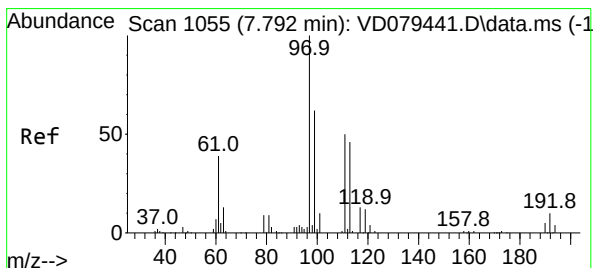
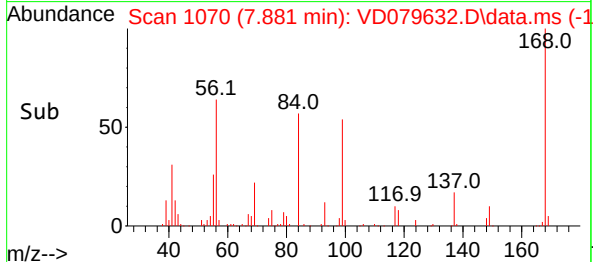
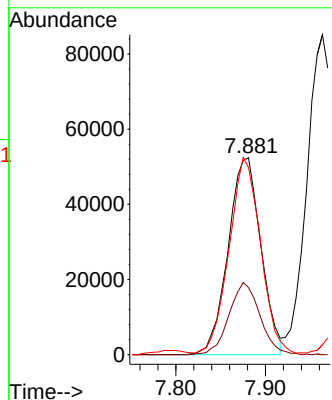
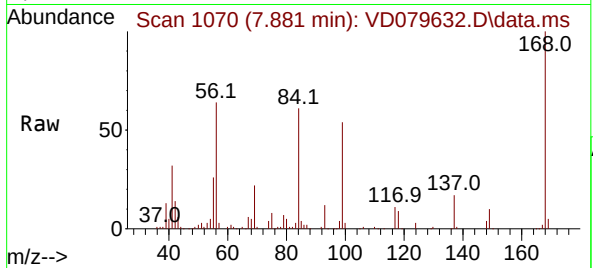




#31
Cyclohexane
Concen: 38.847 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

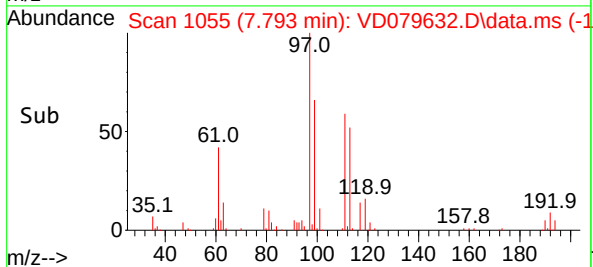
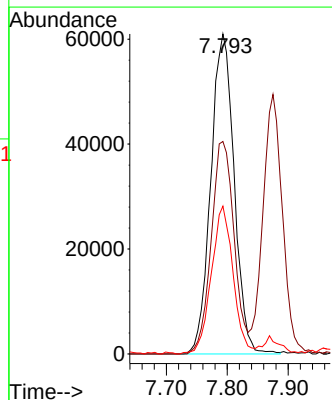
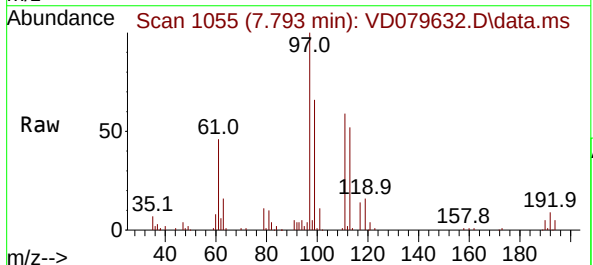
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

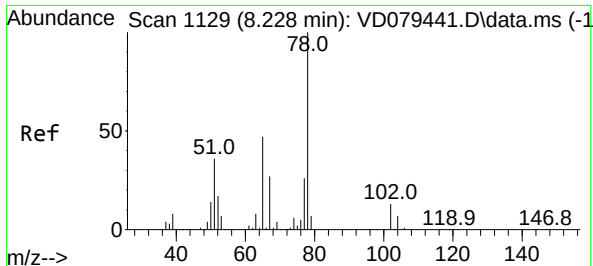
Tgt Ion: 56 Resp: 132850
Ion Ratio Lower Upper
56 100
69 34.0 28.0 42.0
84 93.2 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 45.075 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 97 Resp: 162417
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 43.1 31.4 47.2

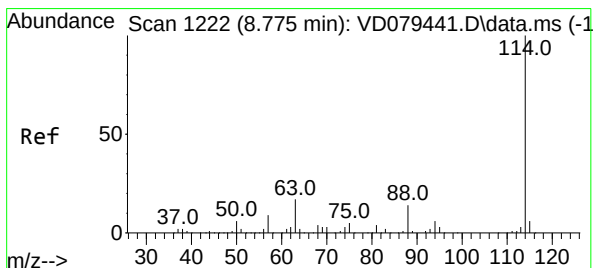
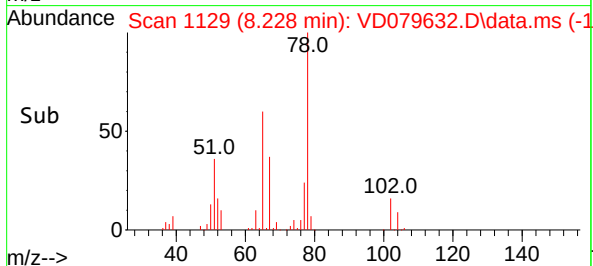
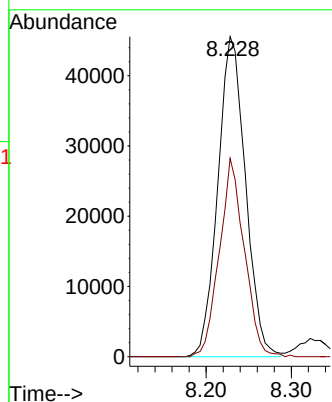
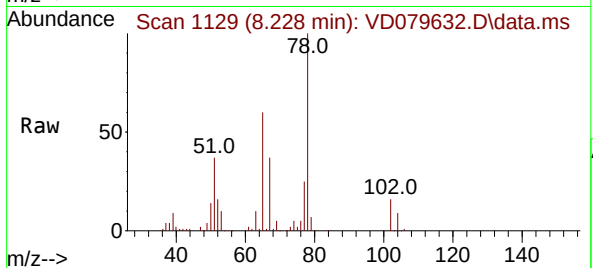




#33
 1,2-Dichloroethane-d4
 Concen: 49.925 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

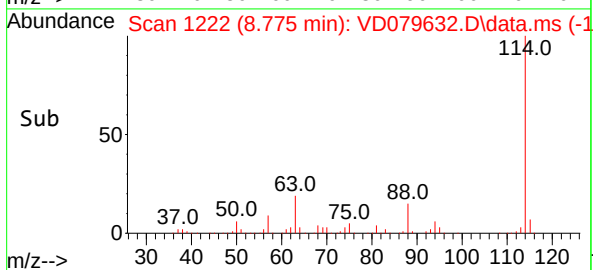
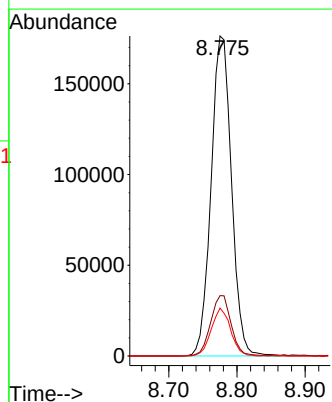
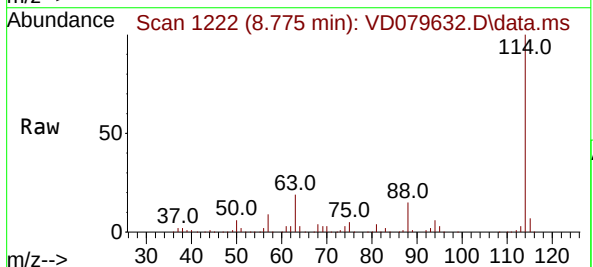
Instrument : MSVOA_D
 ClientSampleId : S-863-K2-SO-12.75-13.25-072024

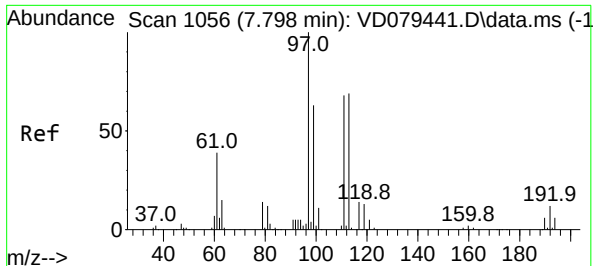
Tgt Ion: 65 Resp: 102804
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Tgt Ion: 114 Resp: 367709
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 15.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 43.928 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

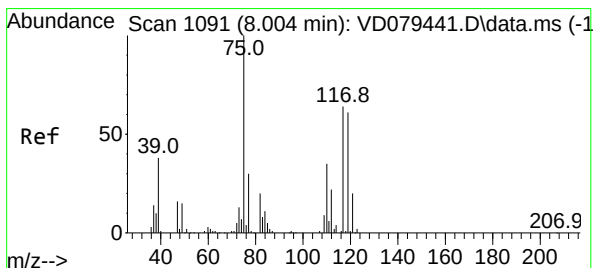
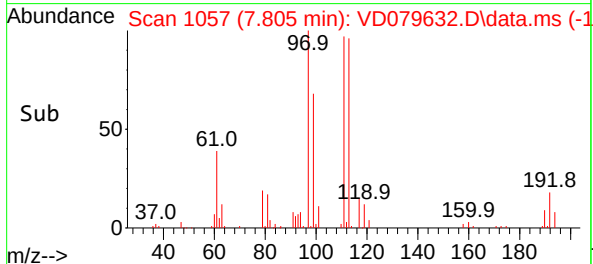
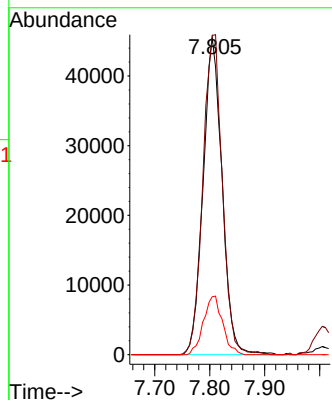
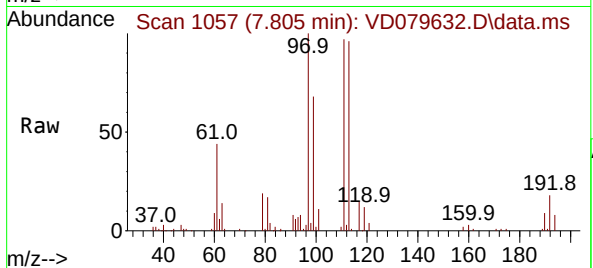
Tgt Ion:113 Resp: 109330

Ion Ratio Lower Upper

113 100

111 103.0 84.0 126.0

192 18.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 40.149 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

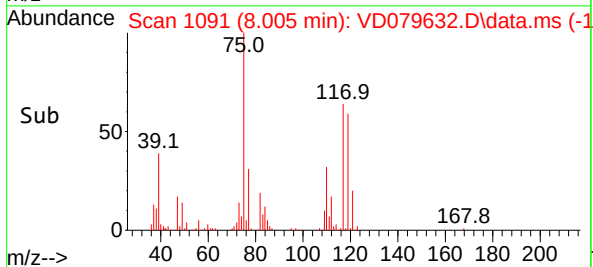
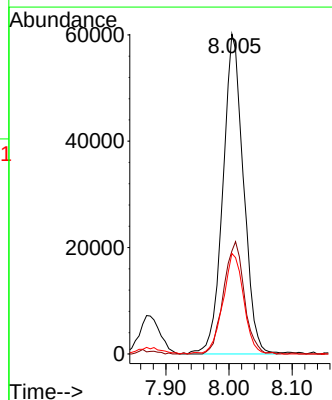
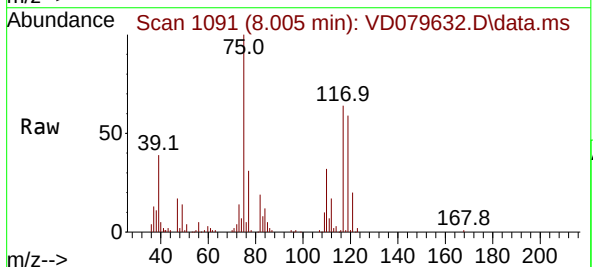
Tgt Ion: 75 Resp: 136386

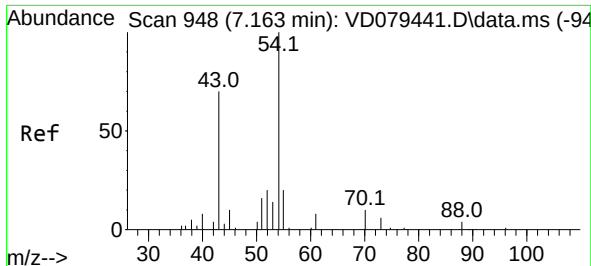
Ion Ratio Lower Upper

75 100

110 35.3 19.6 58.7

77 31.6 26.1 39.1





#37

Ethyl Acetate

Concen: 43.586 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

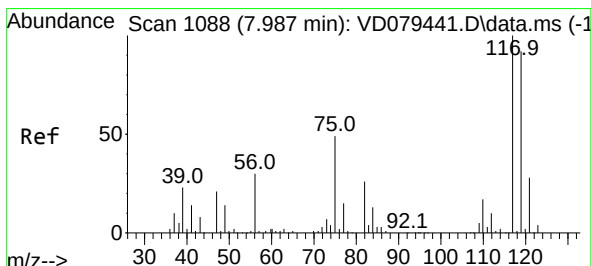
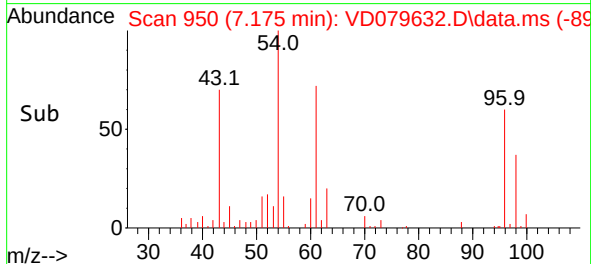
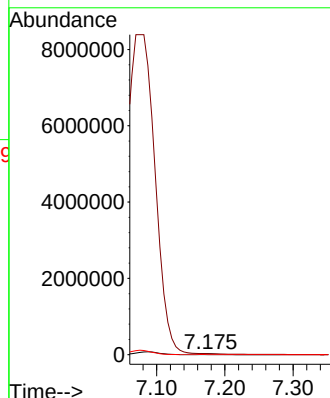
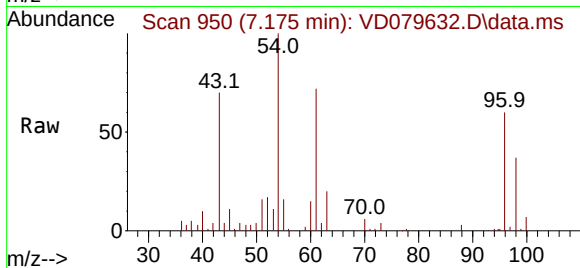
Tgt Ion: 43 Resp: 60705

Ion Ratio Lower Upper

43 100

61 0.0 13.9 20.9#

70 0.0 9.8 14.6#



#38

Carbon Tetrachloride

Concen: 38.118 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

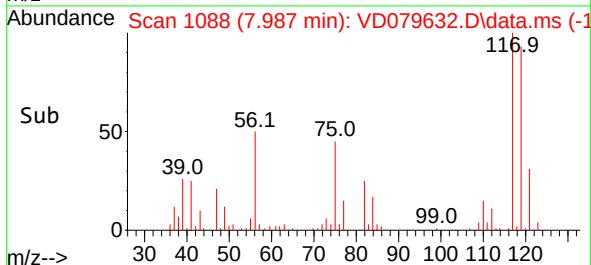
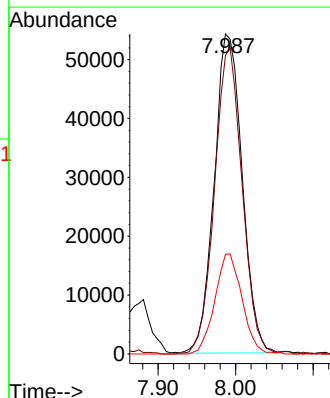
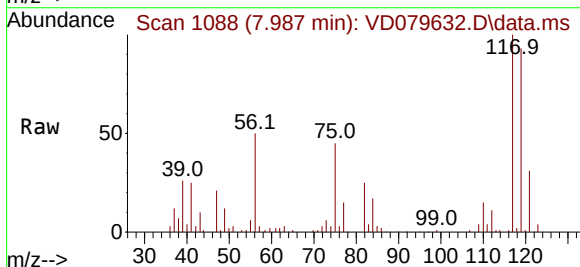
Tgt Ion: 117 Resp: 136122

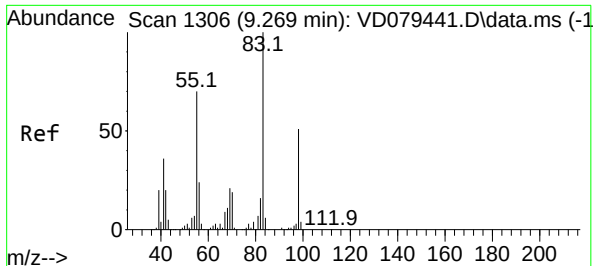
Ion Ratio Lower Upper

117 100

119 93.3 75.4 113.0

121 31.3 25.0 37.4





#39

Methylcyclohexane

Concen: 31.249 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

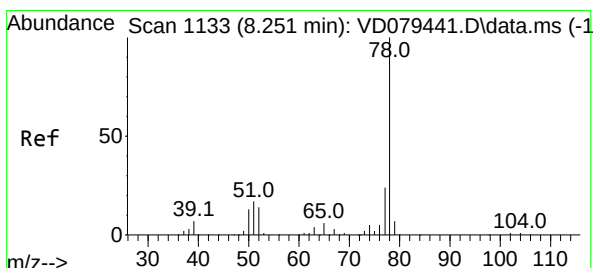
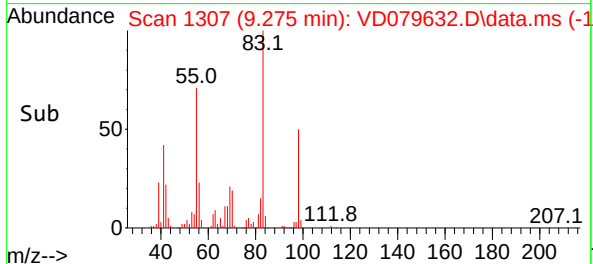
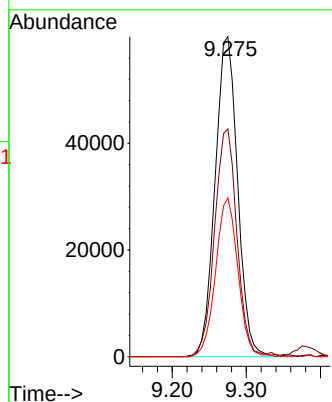
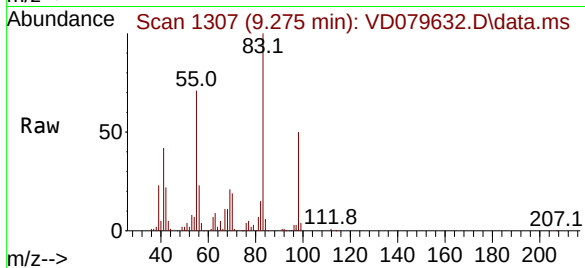
Tgt Ion: 83 Resp: 126655

Ion Ratio Lower Upper

83 100

55 71.2 50.1 75.1

98 49.7 41.9 62.9



#40

Benzene

Concen: 45.279 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079632.D

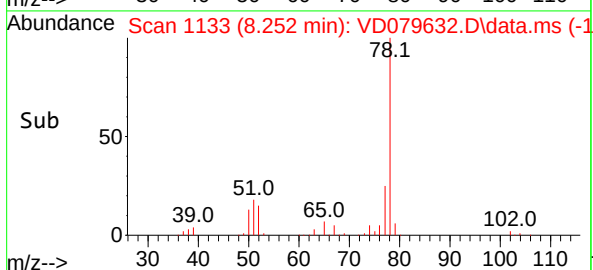
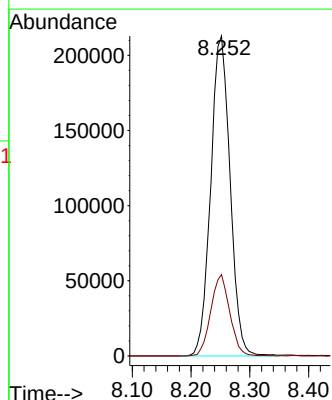
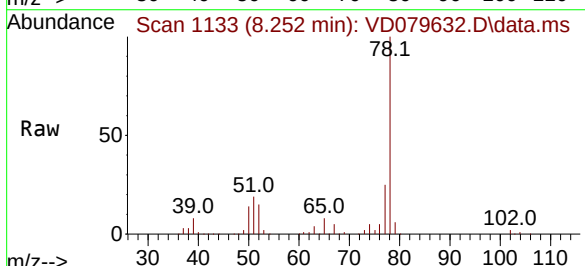
Acq: 06 Aug 2024 19:29

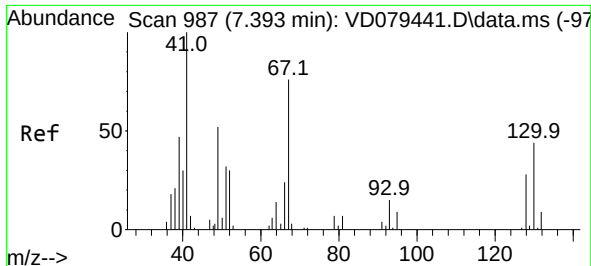
Tgt Ion: 78 Resp: 488534

Ion Ratio Lower Upper

78 100

77 25.4 18.1 27.1

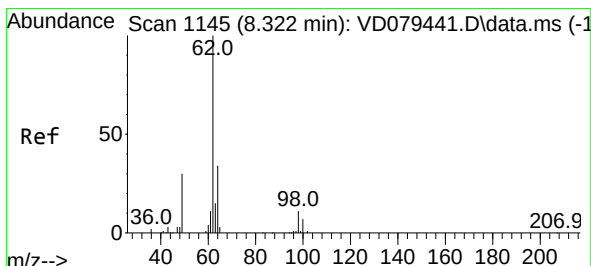
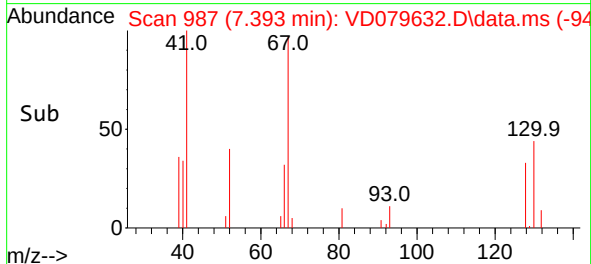
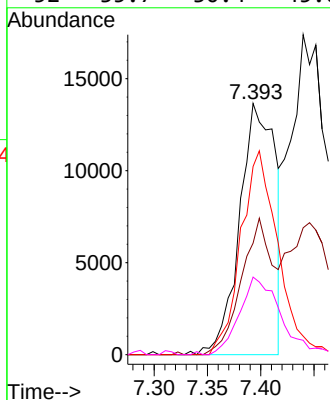
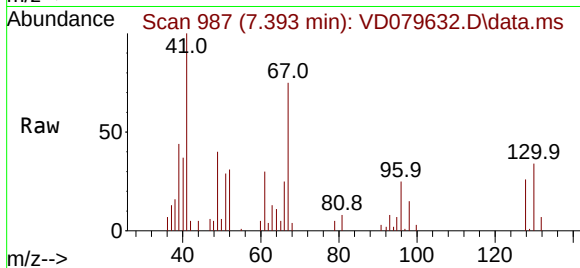




#41
Methacrylonitrile
Concen: 41.446 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

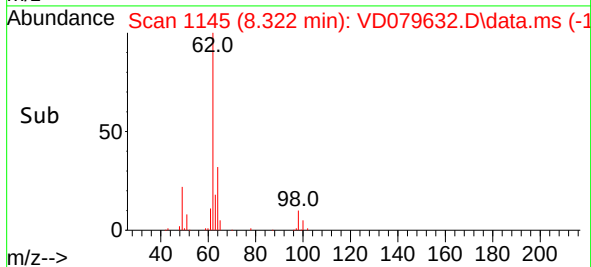
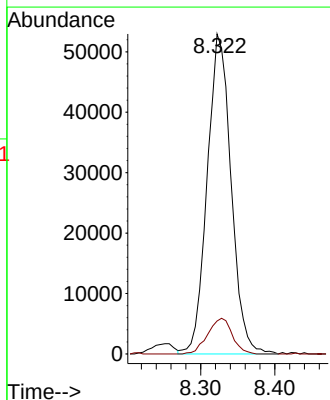
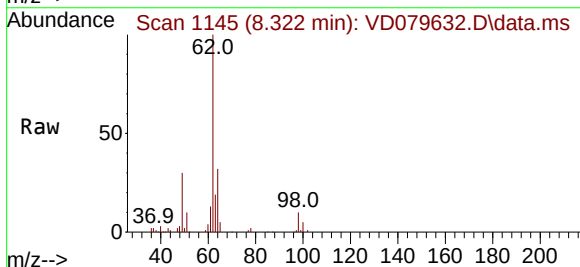
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

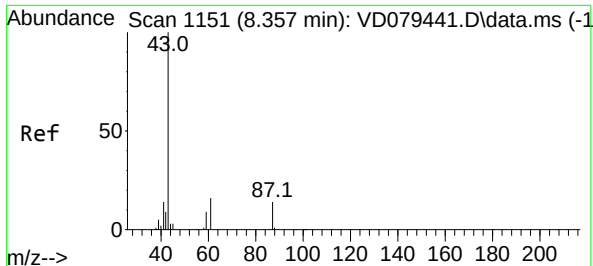
Tgt Ion:	41	Resp:	31752
Ion	Ratio	Lower	Upper
41	100		
39	48.5	41.4	62.0
67	84.7	85.8	128.6
52	35.7	30.4	45.6



#42
1,2-Dichloroethane
Concen: 46.192 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	62	Resp:	118763
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	25.8

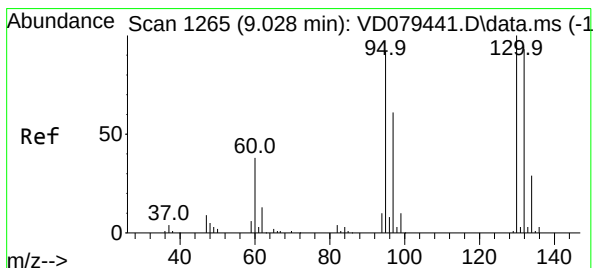
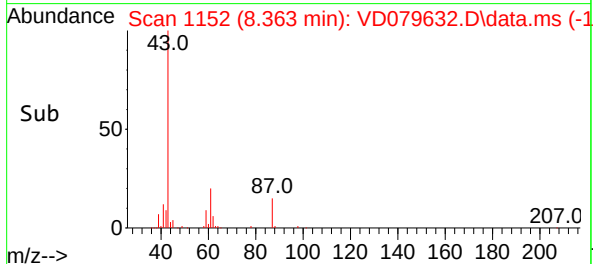
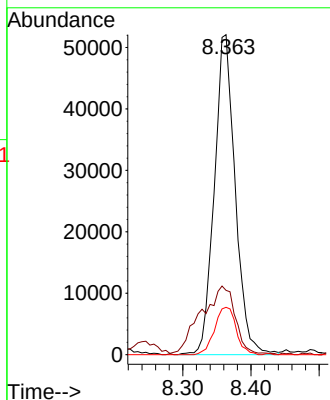
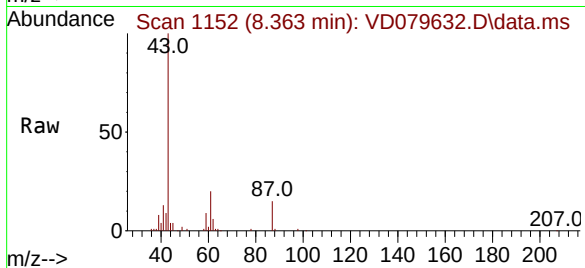




#43
Isopropyl Acetate
Concen: 42.488 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

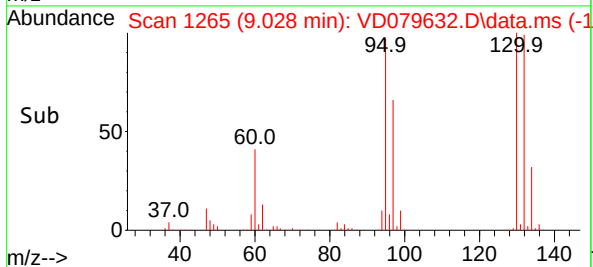
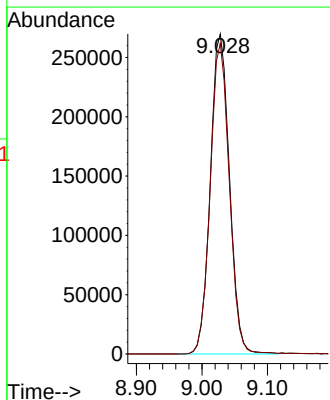
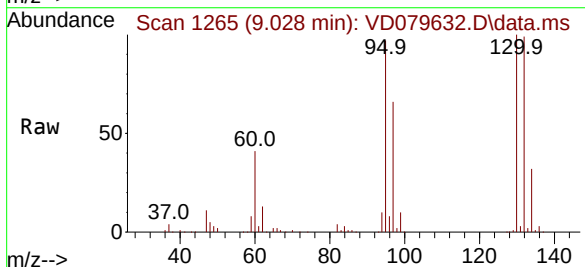
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

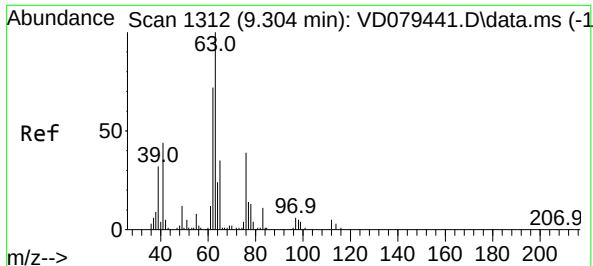
Tgt Ion: 43	Resp: 111217
Ion Ratio	Lower Upper
43 100	
61 35.2	29.3 43.9
87 15.3	14.9 22.3



#44
Trichloroethene
Concen: 203.669 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:130	Resp: 547024
Ion Ratio	Lower Upper
130 100	
95 97.1	0.0 177.8





#45

1,2-Dichloropropane

Concen: 45.949 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

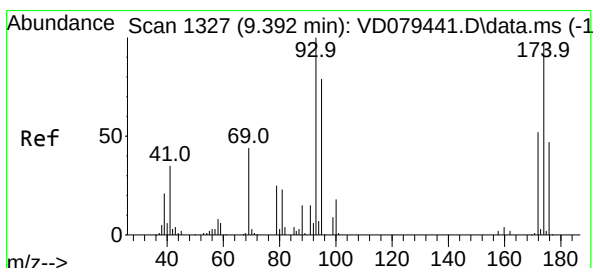
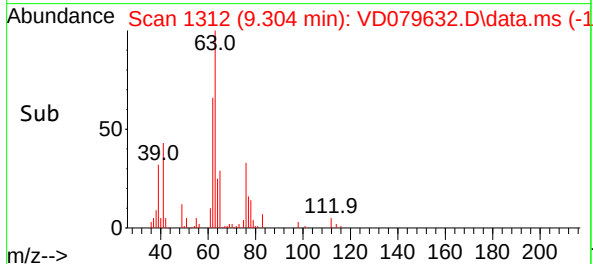
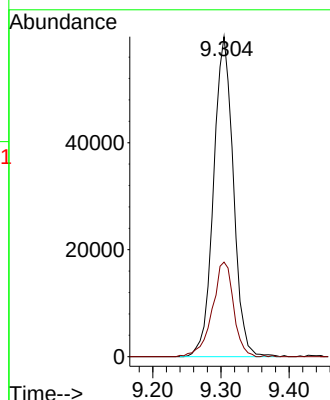
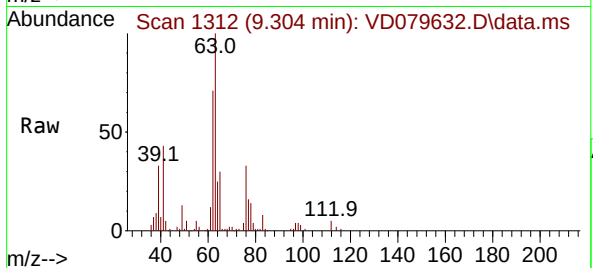
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 63 Resp: 120647

Ion Ratio Lower Upper

63 100

65 29.6 23.8 35.8



#46

Dibromomethane

Concen: 40.705 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

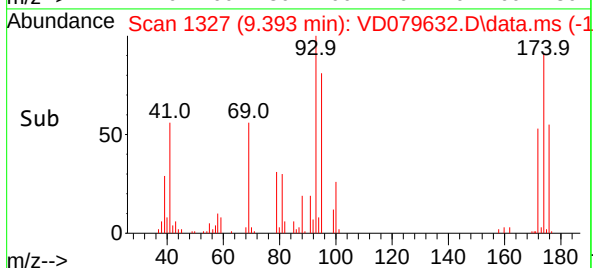
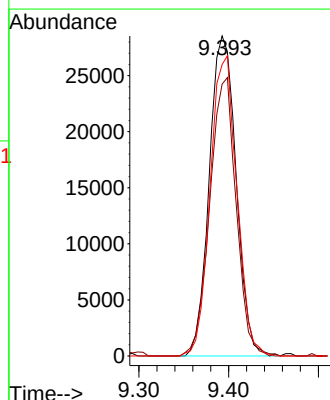
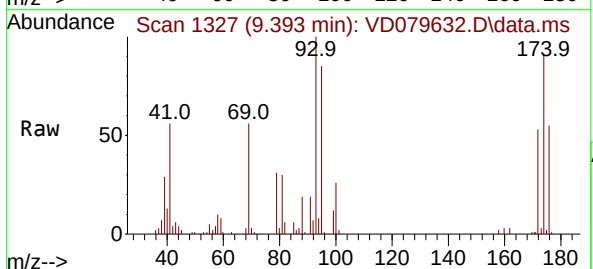
Tgt Ion: 93 Resp: 59251

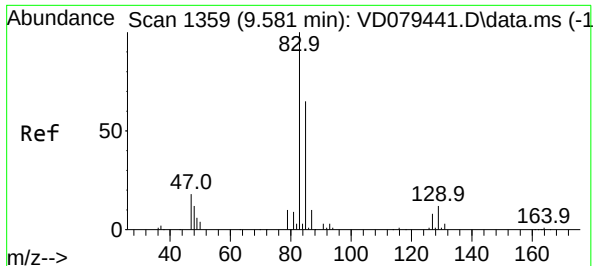
Ion Ratio Lower Upper

93 100

95 85.1 65.6 98.4

174 93.2 82.3 123.5

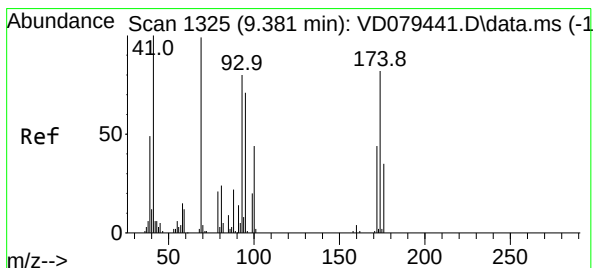
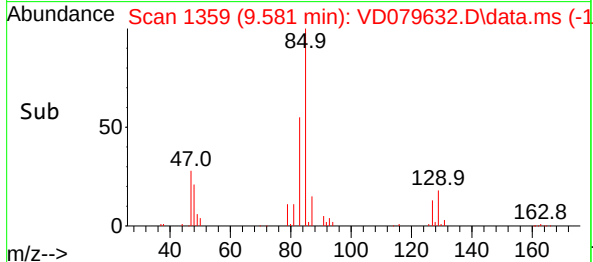
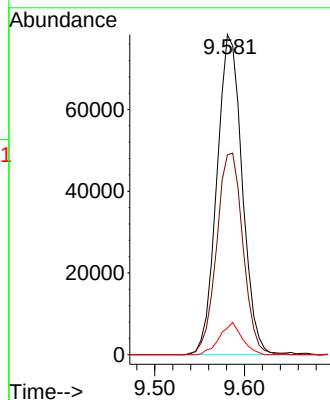
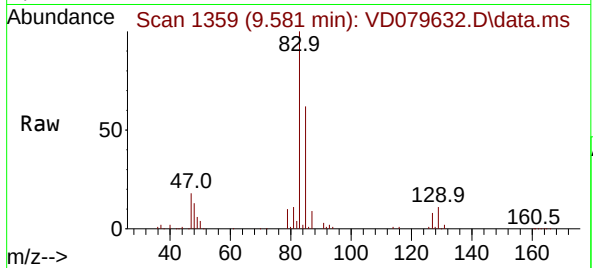




#47
Bromodichloromethane
Concen: 42.984 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

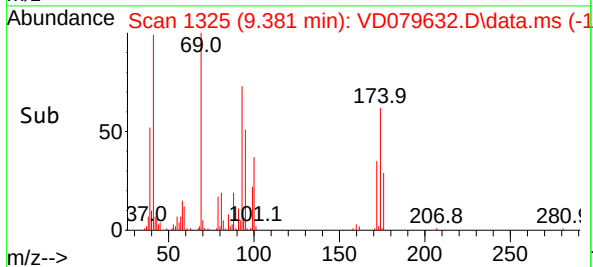
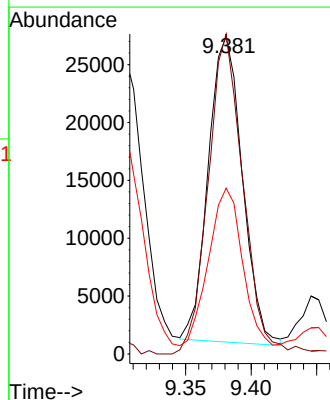
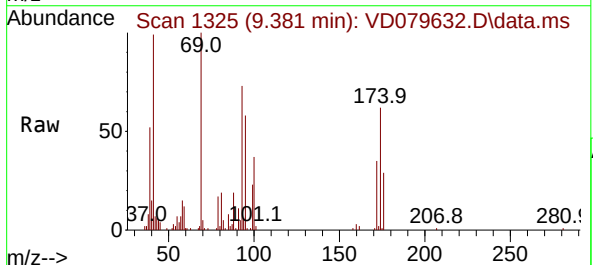
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

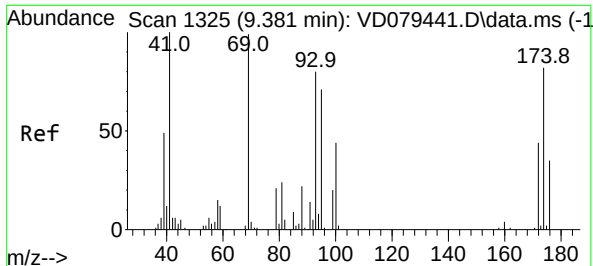
Tgt Ion:	83	Resp:	153632
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.1	75.1
127	8.4	6.8	10.2



#48
Methyl methacrylate
Concen: 40.633 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	41	Resp:	47600
Ion	Ratio	Lower	Upper
41	100		
69	107.6	96.7	145.1
39	57.6	43.8	65.6





#49

1,4-Dioxane

Concen: 821.526 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

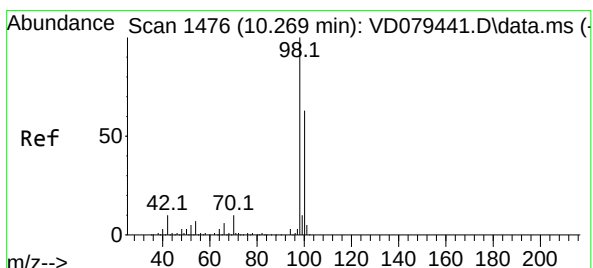
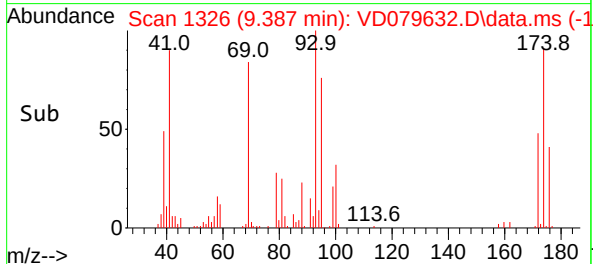
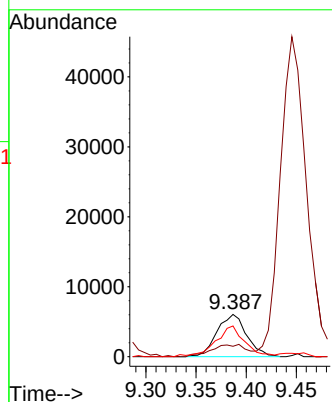
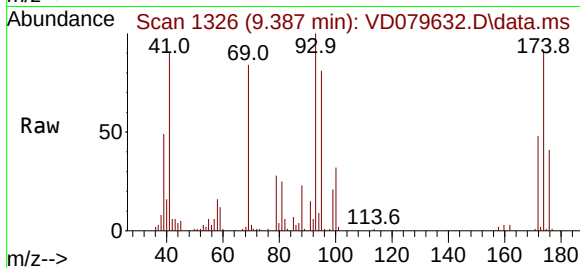
Tgt Ion: 88 Resp: 12391

Ion Ratio Lower Upper

88 100

43 33.2 21.5 32.3#

58 70.9 42.2 63.4#



#50

Toluene-d8

Concen: 43.350 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079632.D

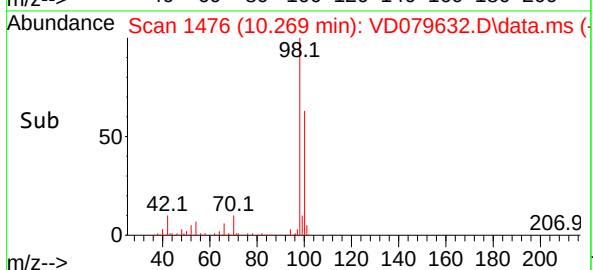
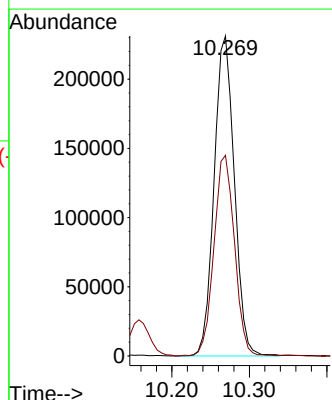
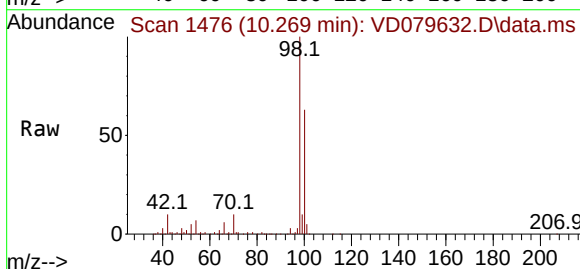
Acq: 06 Aug 2024 19:29

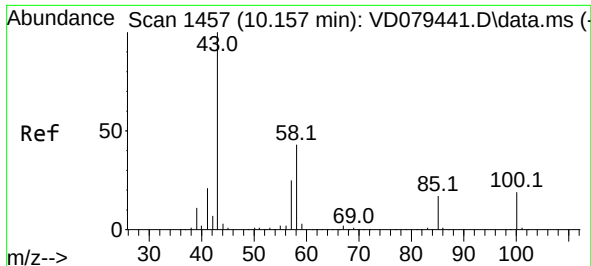
Tgt Ion: 98 Resp: 418975

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4

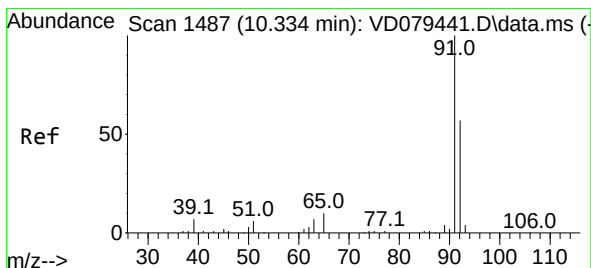
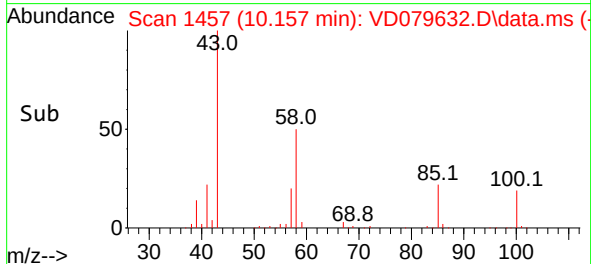
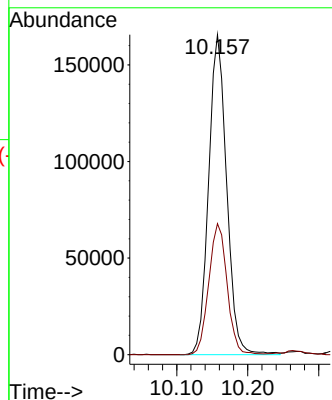
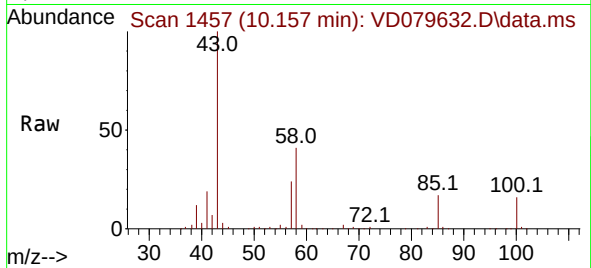




#51
4-Methyl-2-Pentanone
Concen: 218.459 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

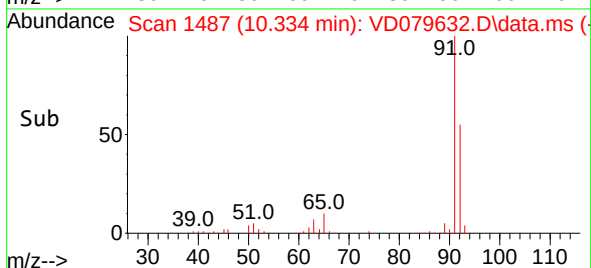
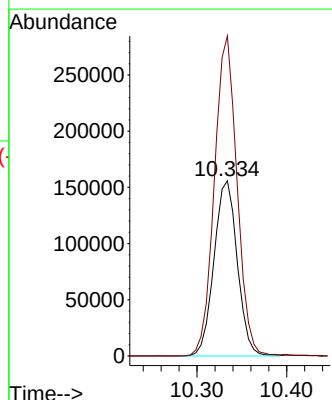
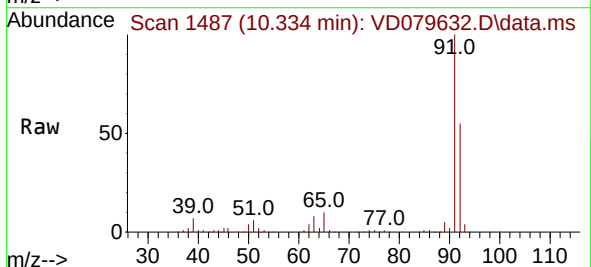
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

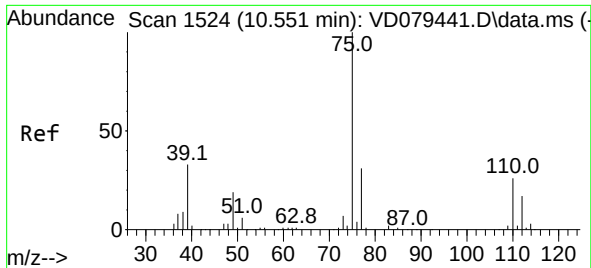
Tgt Ion: 43 Resp: 291951
Ion Ratio Lower Upper
43 100
58 41.7 36.6 55.0



#52
Toluene
Concen: 42.022 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 92 Resp: 280404
Ion Ratio Lower Upper
92 100
91 178.6 141.7 212.5

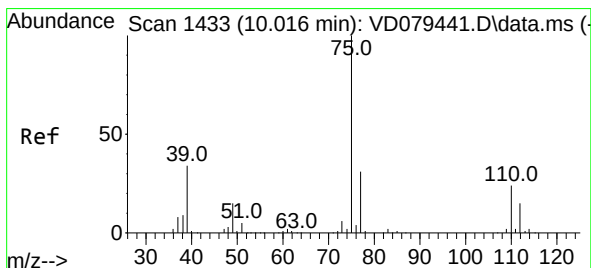
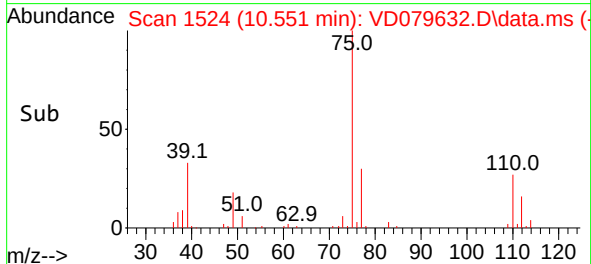
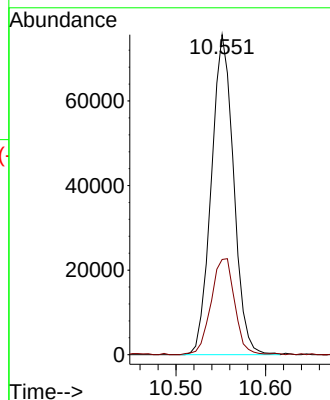
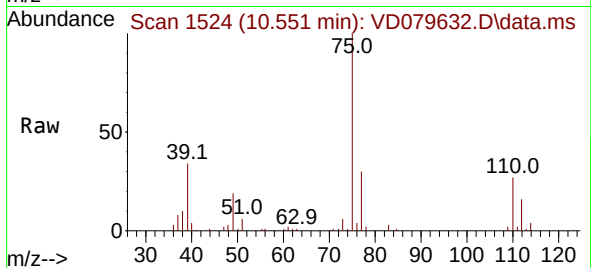




#53
t-1,3-Dichloropropene
Concen: 39.607 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

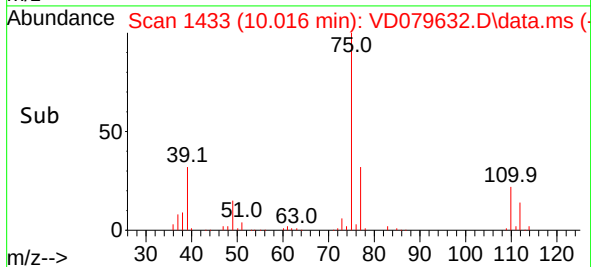
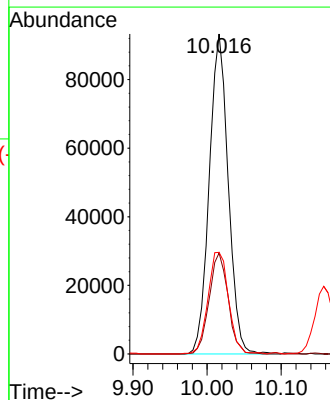
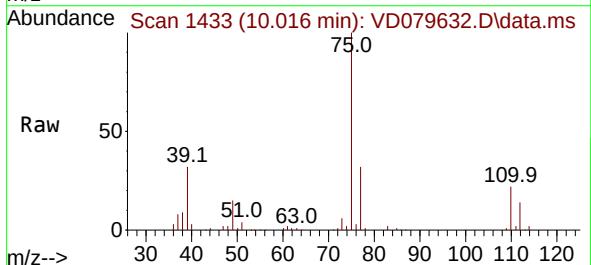
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

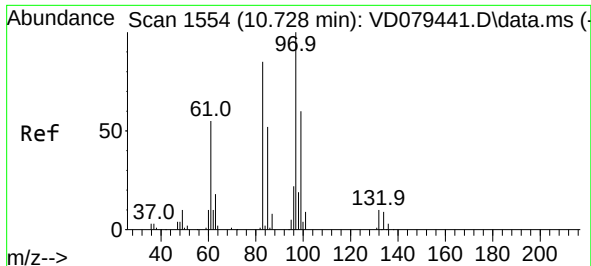
Tgt Ion: 75 Resp: 130729
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 41.764 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 75 Resp: 165811
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6
39 31.7 24.2 36.2

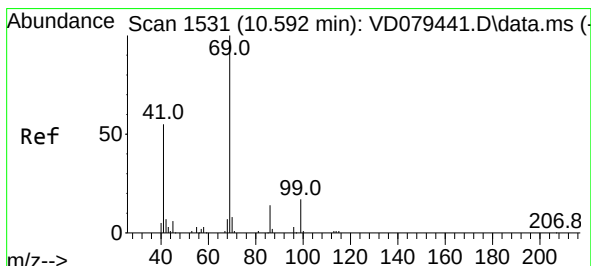
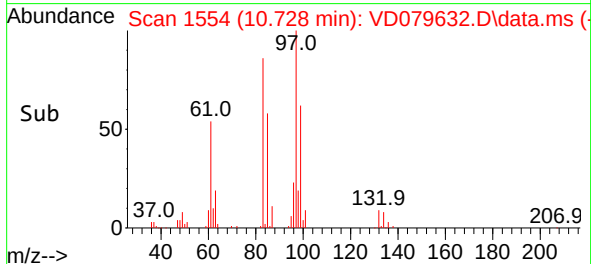
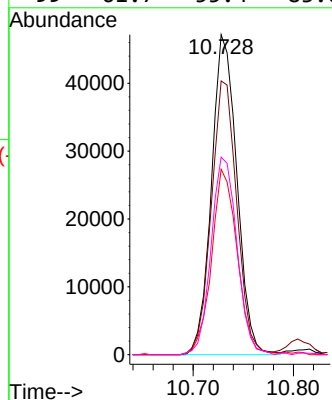
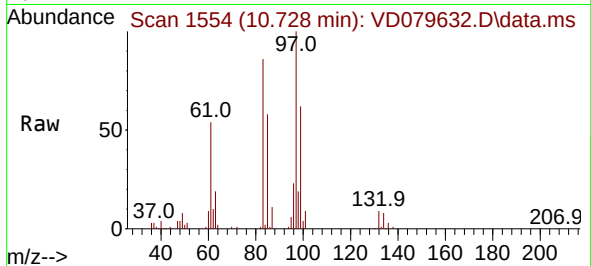




#55
1,1,2-Trichloroethane
Concen: 43.232 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

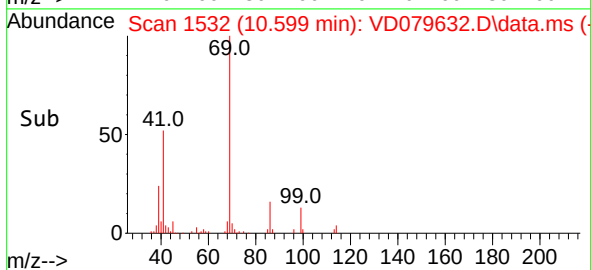
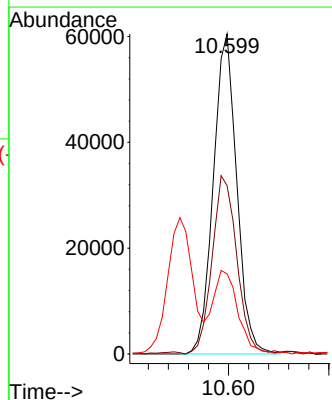
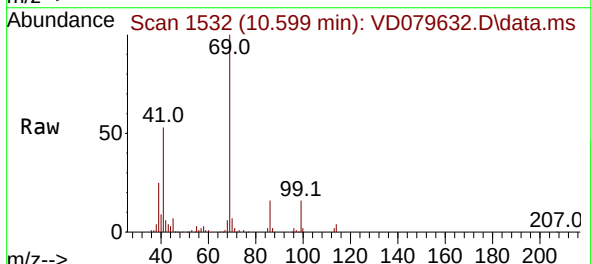
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

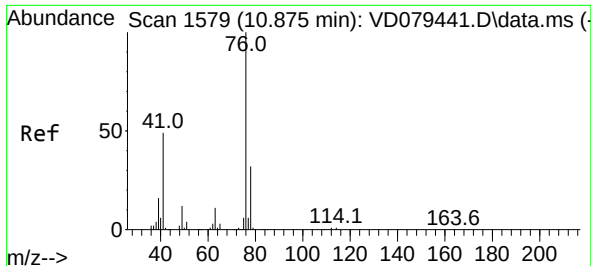
Tgt Ion:	97	Resp:	82897
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.8
85	57.9	43.8	65.8
99	61.7	55.4	83.0



#56
Ethyl methacrylate
Concen: 43.116 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	69	Resp:	97959
Ion	Ratio	Lower	Upper
69	100		
41	58.6	39.8	59.6
39	28.3	20.2	30.4

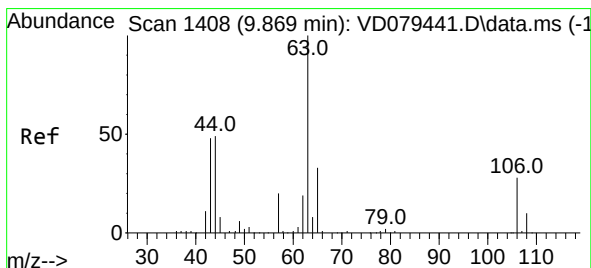
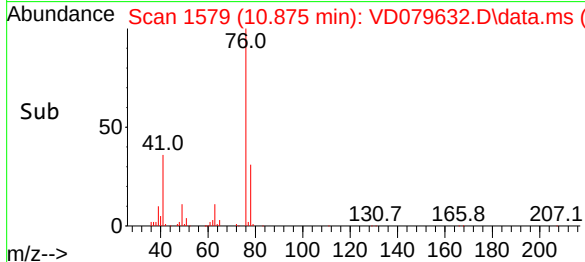
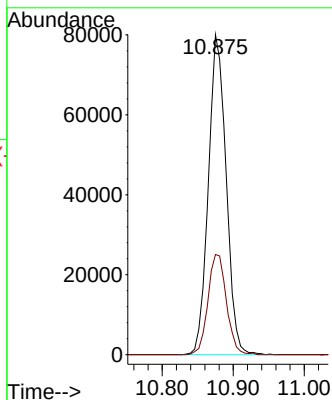
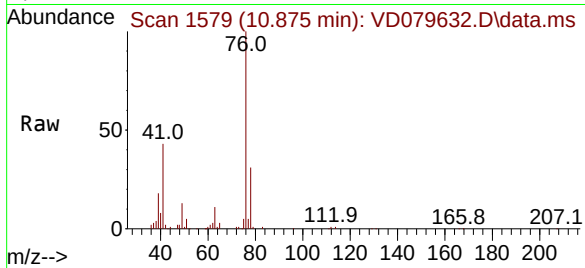




#57
1,3-Dichloropropane
Concen: 42.753 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

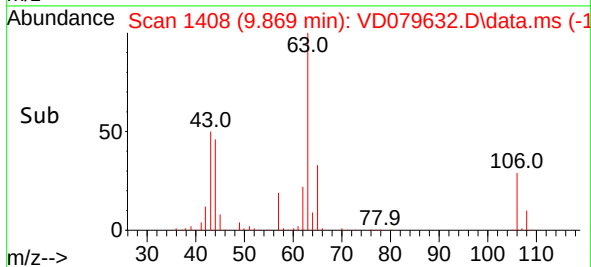
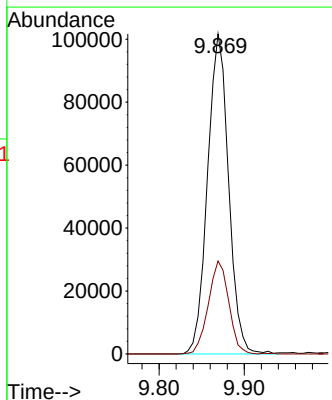
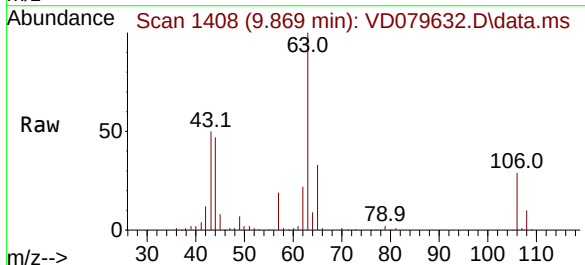
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

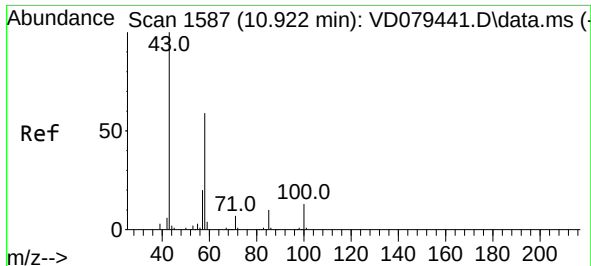
Tgt Ion: 76 Resp: 139304
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 167.008 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 63 Resp: 174986
Ion Ratio Lower Upper
63 100
106 28.1 26.4 39.6

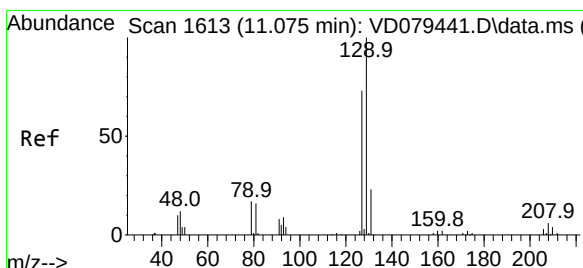
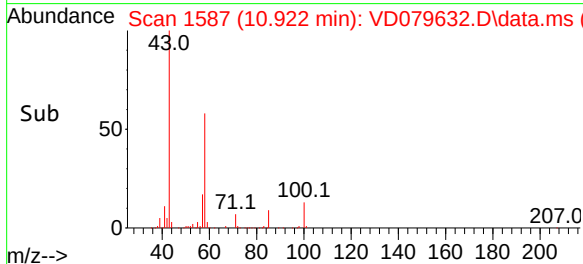
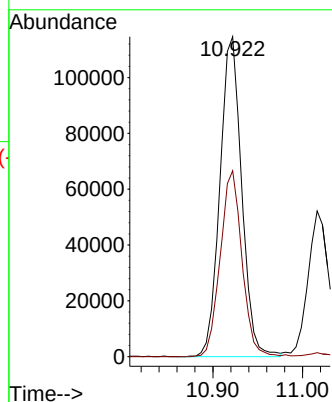
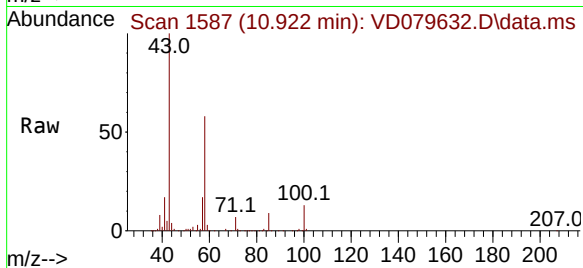




#59
2-Hexanone
Concen: 207.281 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

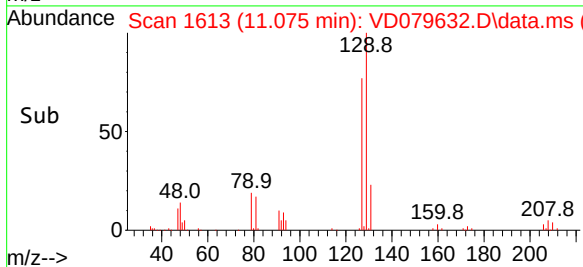
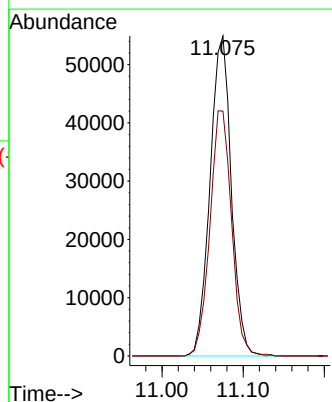
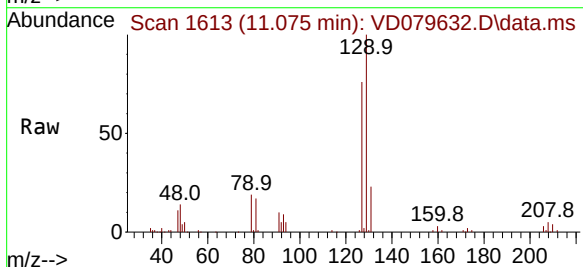
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

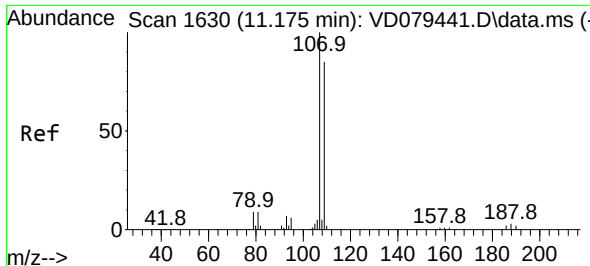
Tgt Ion: 43 Resp: 193195
Ion Ratio Lower Upper
43 100
58 58.0 31.1 93.5



#60
Dibromochloromethane
Concen: 39.944 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:129 Resp: 100055
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9

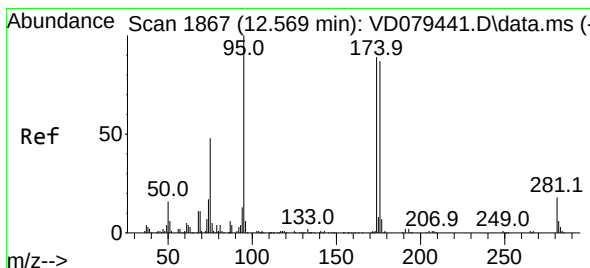
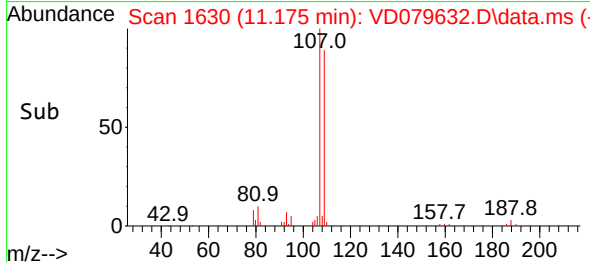
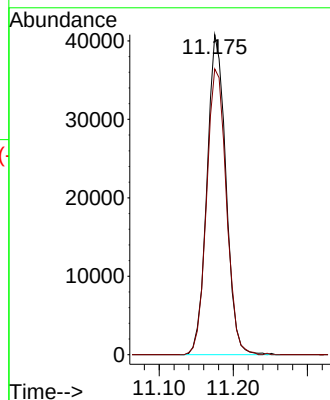
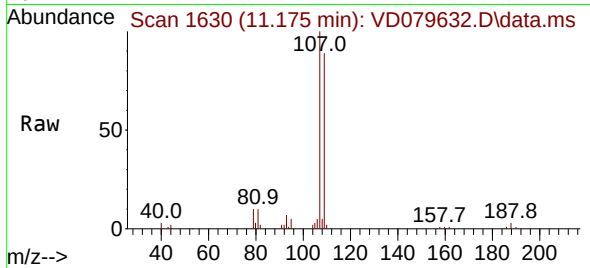




#61
1,2-Dibromoethane
Concen: 40.200 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

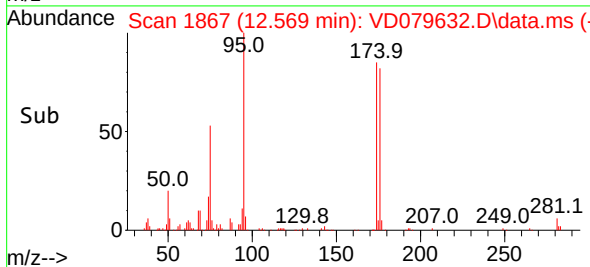
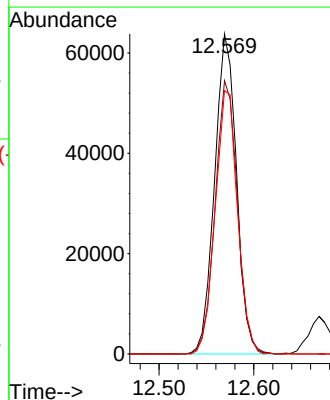
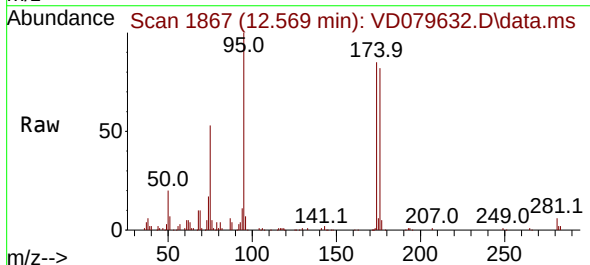
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

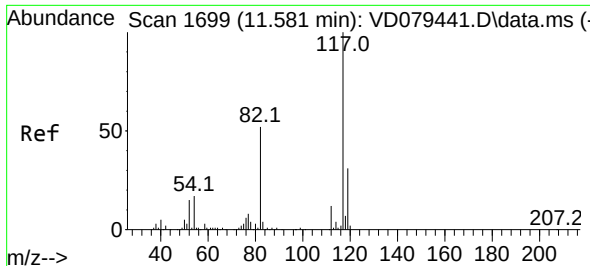
Tgt Ion:107 Resp: 72213
Ion Ratio Lower Upper
107 100
109 93.5 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 36.578 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 95 Resp: 102305
Ion Ratio Lower Upper
95 100
174 86.8 0.0 195.4
176 84.1 0.0 192.6

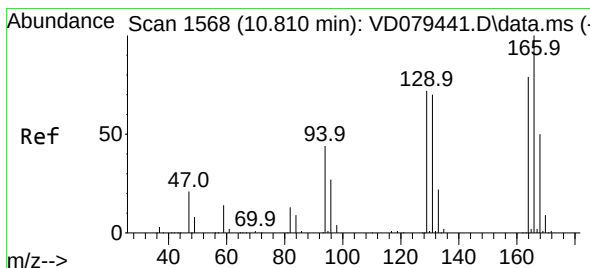
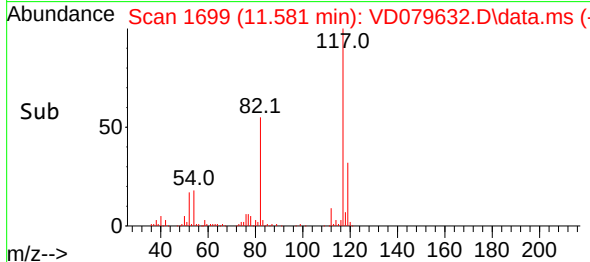
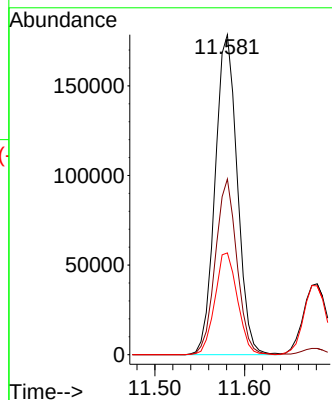
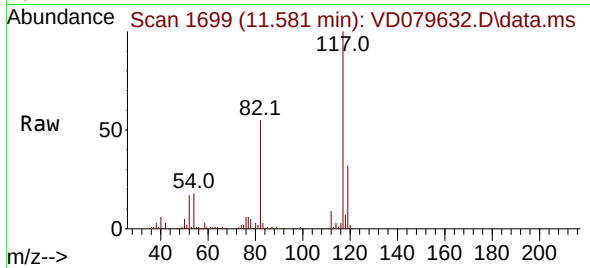




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

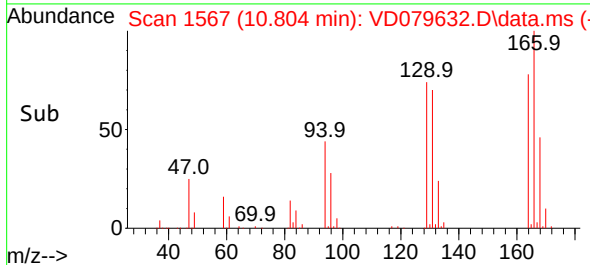
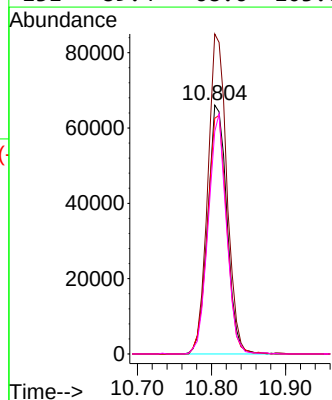
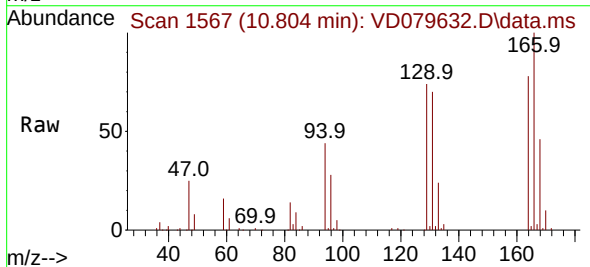
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

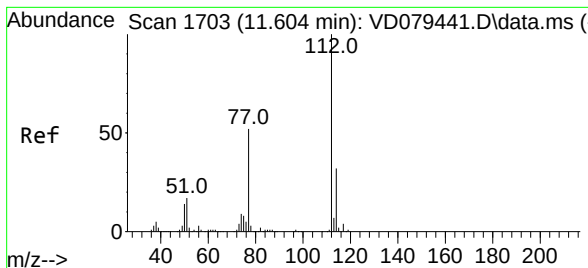
Tgt Ion:	117	Resp:	306185
Ion	Ratio	Lower	Upper
117	100		
82	54.9	39.8	59.6
119	31.8	25.7	38.5



#64
Tetrachloroethene
Concen: 57.840 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	164	Resp:	119418
Ion	Ratio	Lower	Upper
164	100		
166	128.6	108.6	163.0
129	94.7	74.6	112.0
131	89.4	68.6	103.0





#65

Chlorobenzene

Concen: 43.882 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

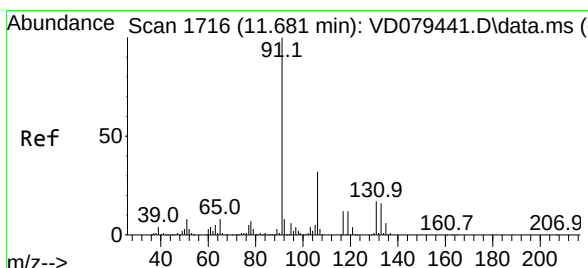
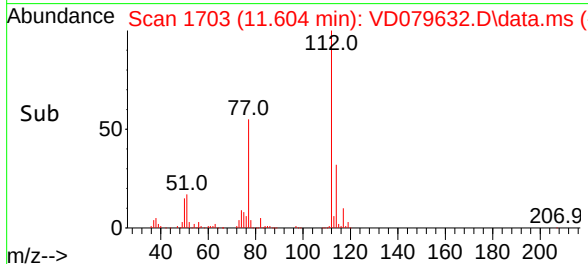
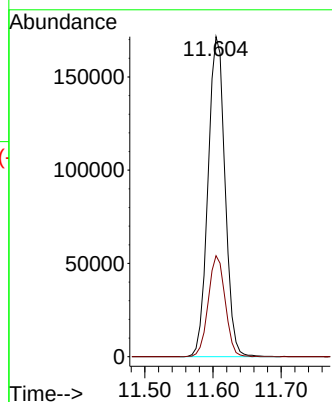
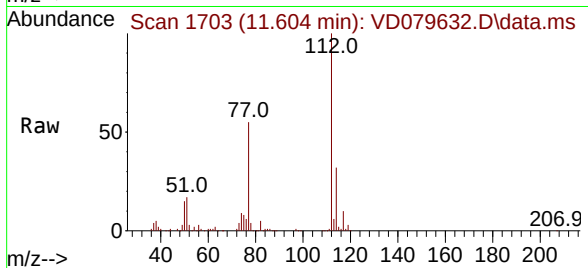
S-863-K2-SO-12.75-13.25-072024

Tgt Ion:112 Resp: 297525

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 45.517 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

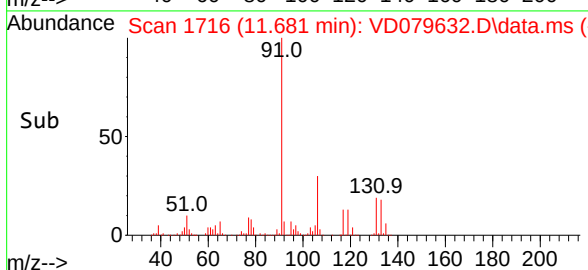
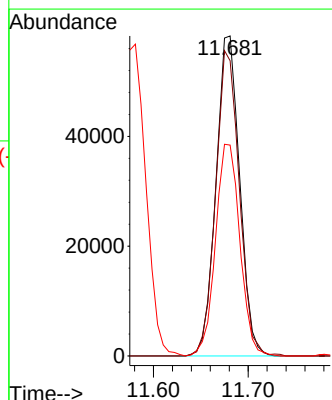
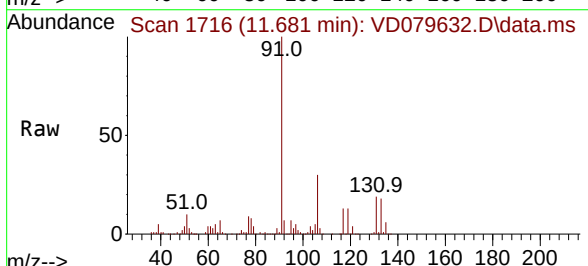
Tgt Ion:131 Resp: 101537

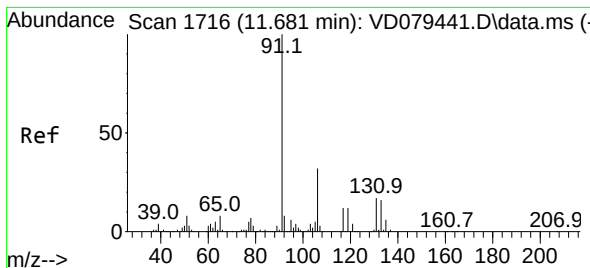
Ion Ratio Lower Upper

131 100

133 95.1 49.2 147.6

119 68.1 33.4 100.2





#67

Ethyl Benzene

Concen: 43.543 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

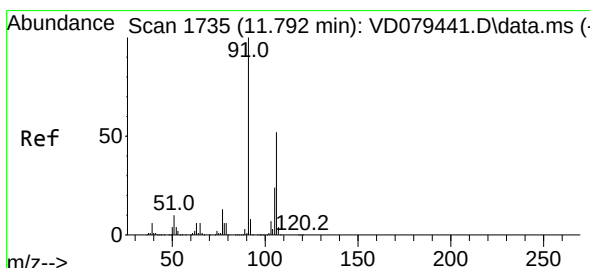
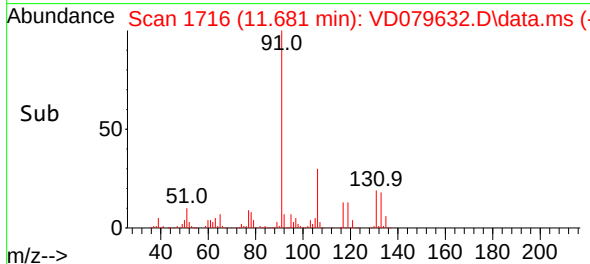
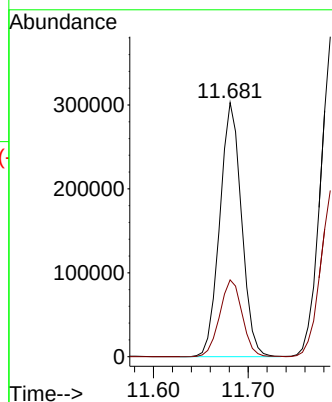
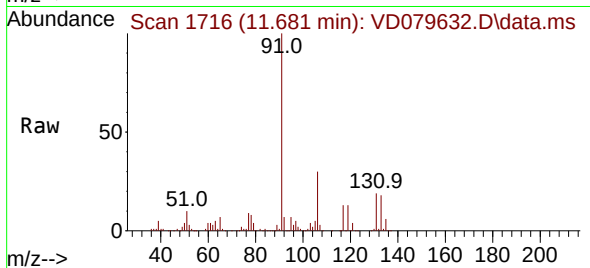
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 91 Resp: 483305

Ion Ratio Lower Upper

91 100

106 30.2 25.8 38.6



#68

m/p-Xylenes

Concen: 85.570 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD079632.D

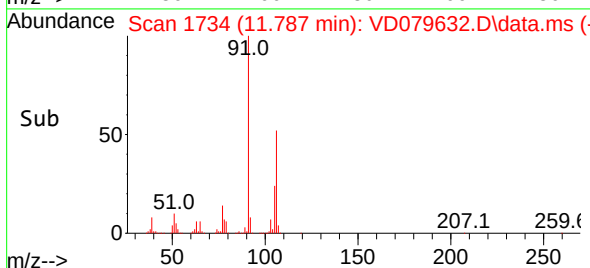
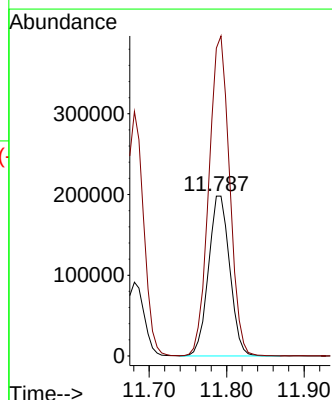
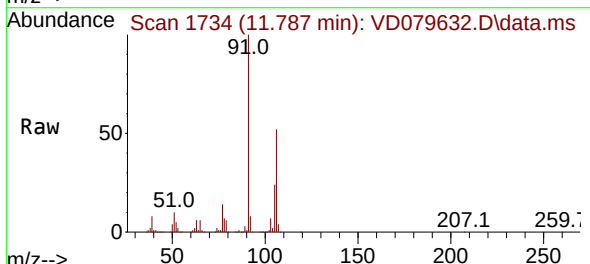
Acq: 06 Aug 2024 19:29

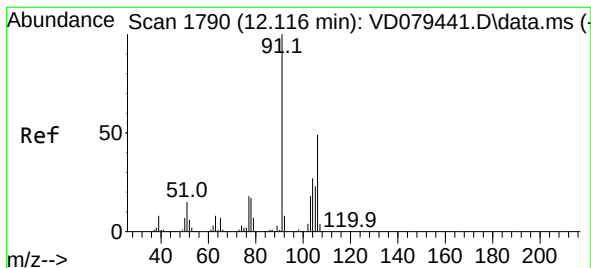
Tgt Ion:106 Resp: 376812

Ion Ratio Lower Upper

106 100

91 195.2 148.5 222.7





#69

o-Xylene

Concen: 43.836 ug/l

RT: 12.116 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

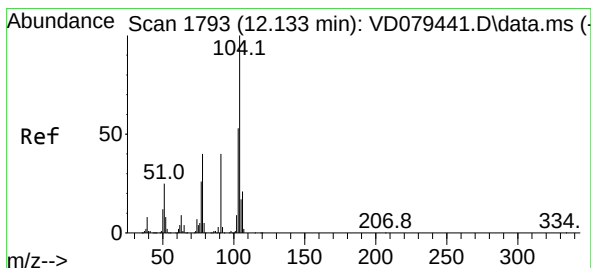
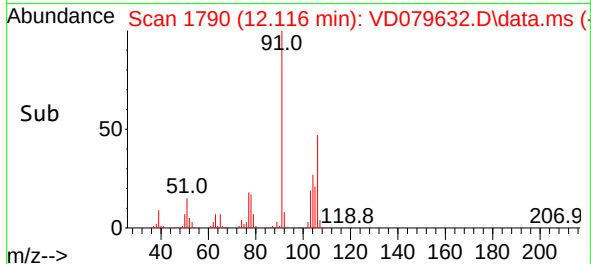
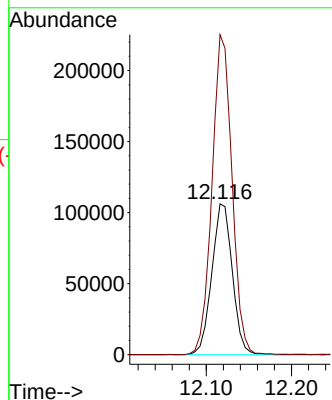
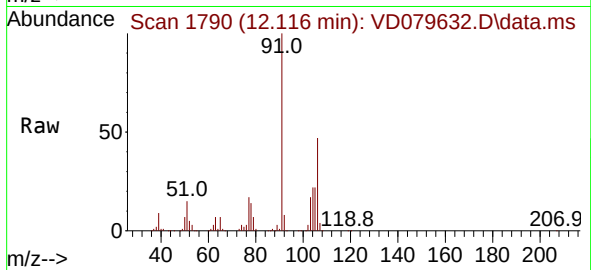
S-863-K2-SO-12.75-13.25-072024

Tgt Ion:106 Resp: 176933

Ion Ratio Lower Upper

106 100

91 207.5 96.7 290.1



#70

Styrene

Concen: 38.475 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

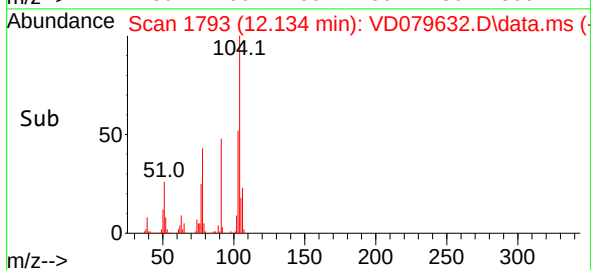
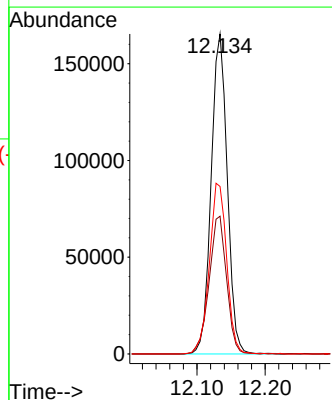
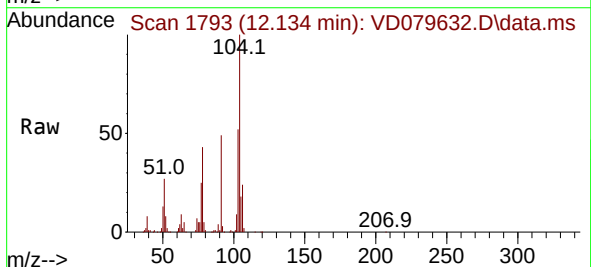
Tgt Ion:104 Resp: 272261

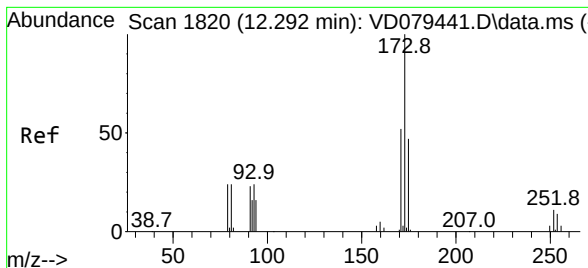
Ion Ratio Lower Upper

104 100

78 46.6 33.0 49.6

103 57.5 44.2 66.4





#71

Bromoform

Concen: 42.487 ug/l

RT: 12.293 min Scan# 1820

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

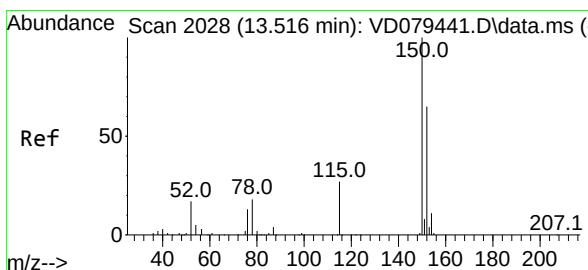
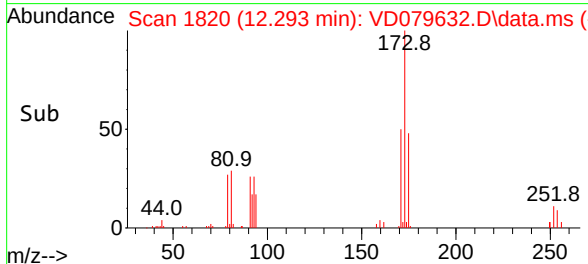
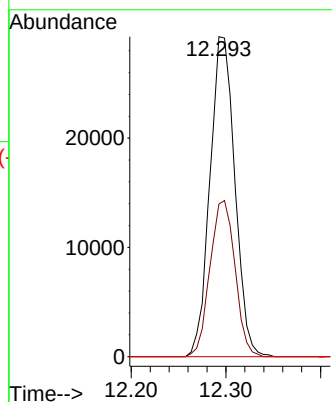
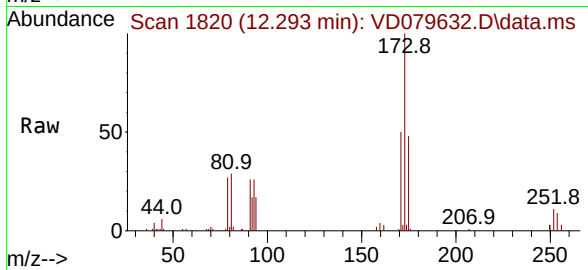
Tgt Ion:173 Resp: 53579

Ion Ratio Lower Upper

173 100

175 49.0 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: VD079632.D

Acq: 06 Aug 2024 19:29

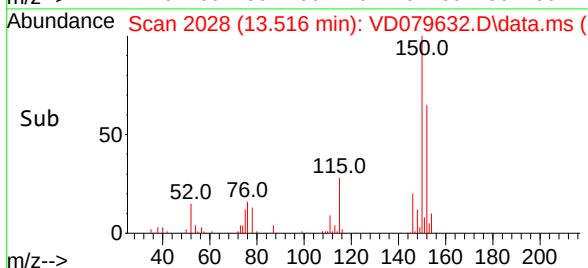
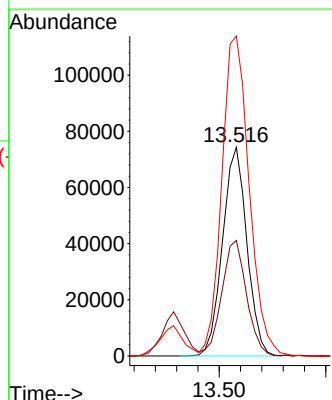
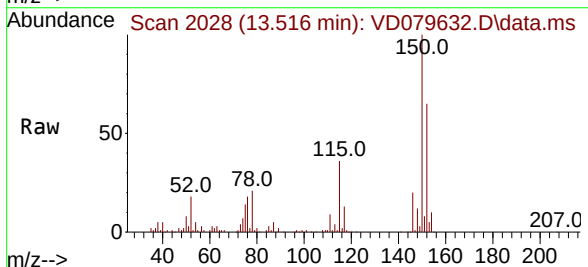
Tgt Ion:152 Resp: 117998

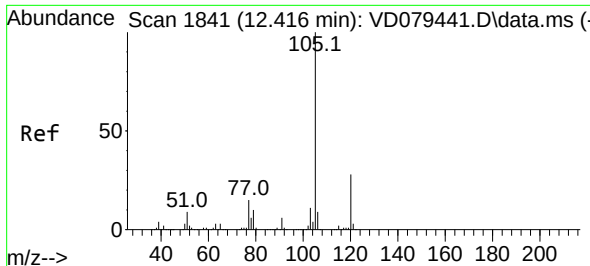
Ion Ratio Lower Upper

152 100

115 56.5 26.5 79.5

150 172.2 0.0 341.6

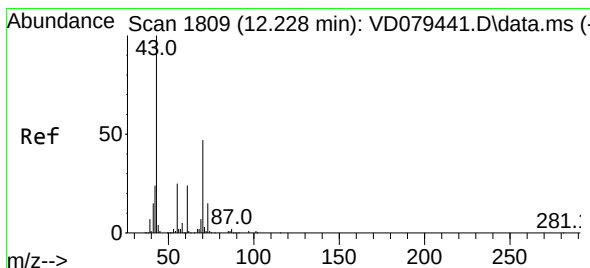
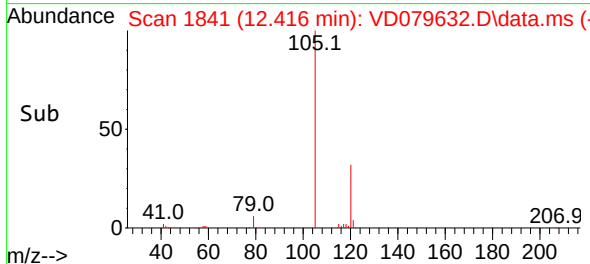
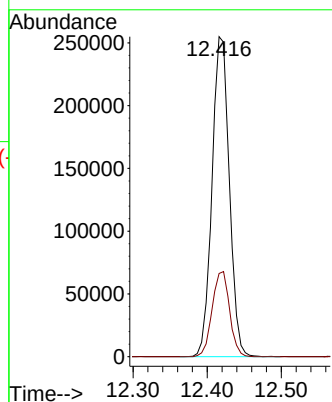
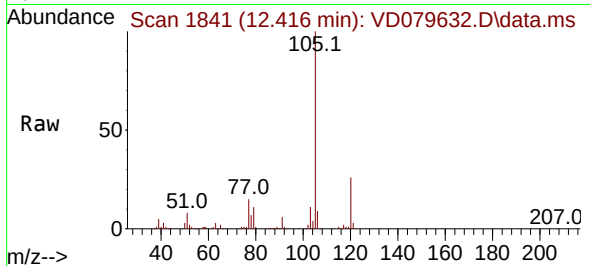




#73
Isopropylbenzene
Concen: 46.916 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

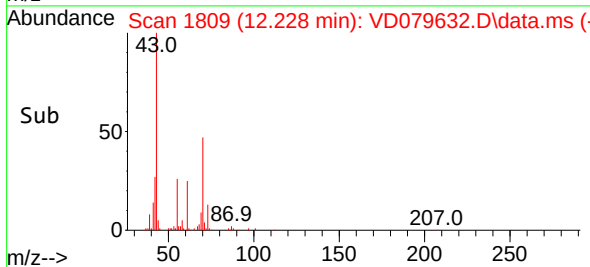
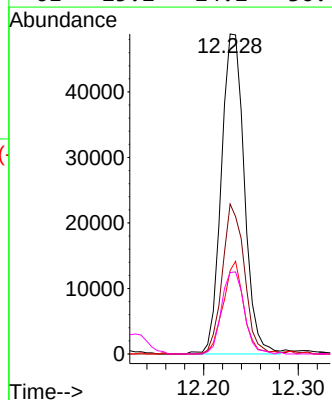
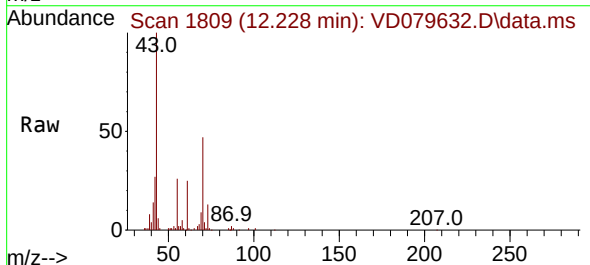
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

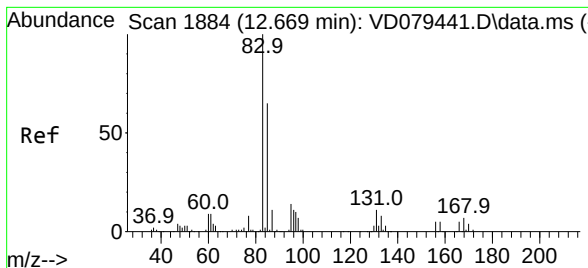
Tgt Ion:105 Resp: 412493
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7



#74
N-ethyl acetate
Concen: 47.636 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 43 Resp: 82675
Ion Ratio Lower Upper
43 100
70 44.8 44.3 66.5
55 26.0 23.2 34.8
61 25.2 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 58.540 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

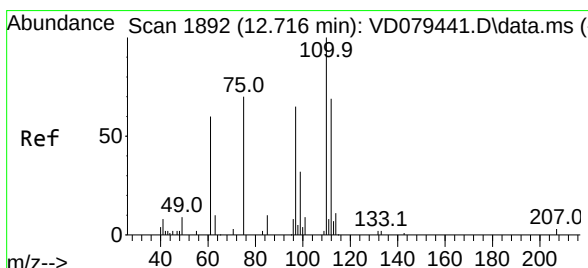
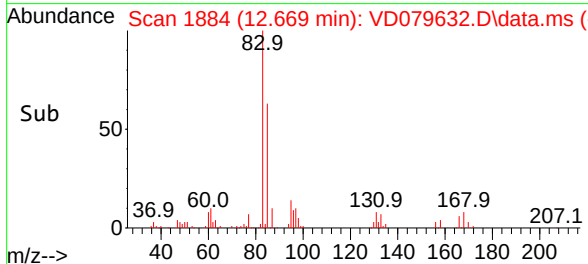
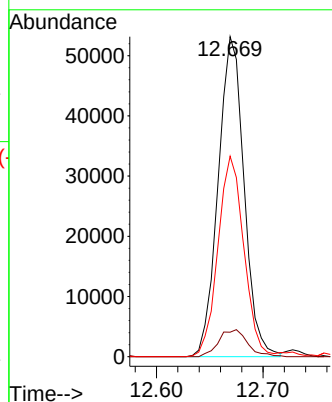
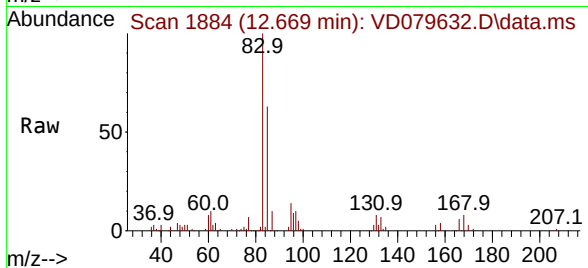
Tgt Ion: 83 Resp: 89737

Ion Ratio Lower Upper

83 100

131 9.4 5.5 16.5

85 62.6 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 50.731 ug/l m

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079632.D

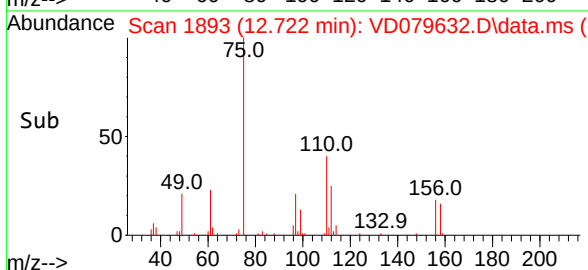
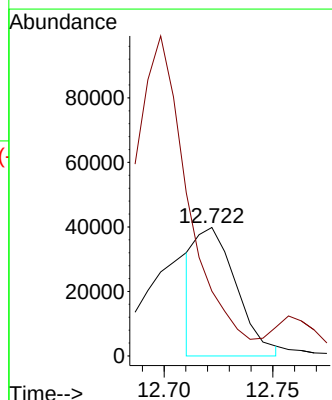
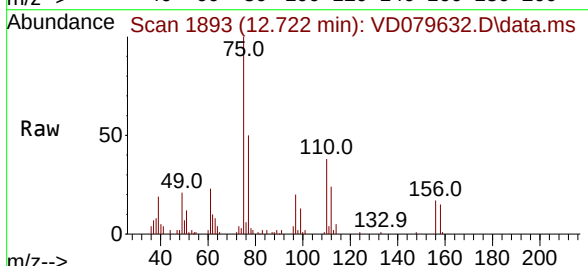
Acq: 06 Aug 2024 19:29

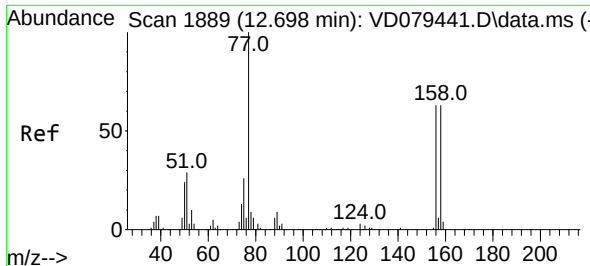
Tgt Ion: 75 Resp: 52325

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

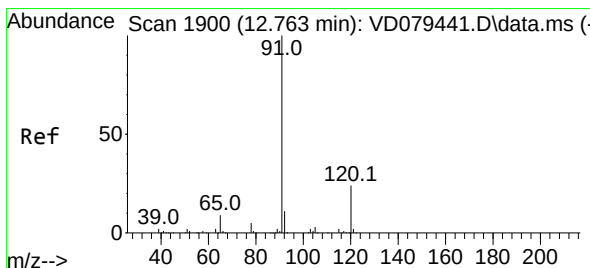
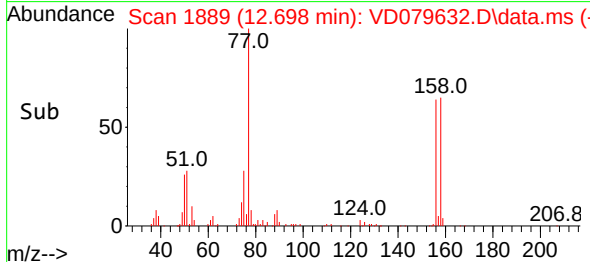
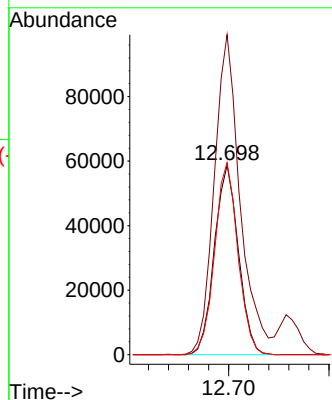
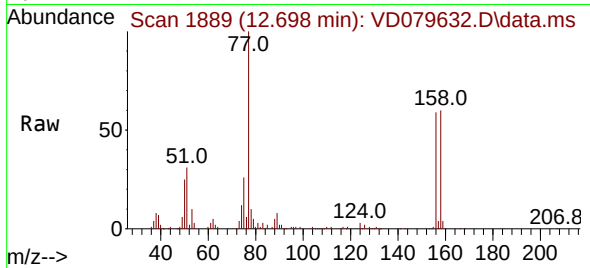




#77
Bromobenzene
Concen: 49.306 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

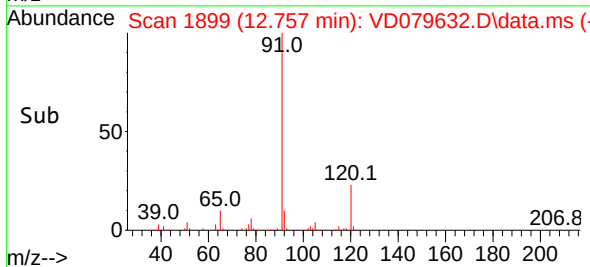
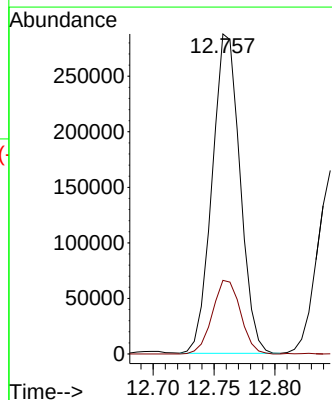
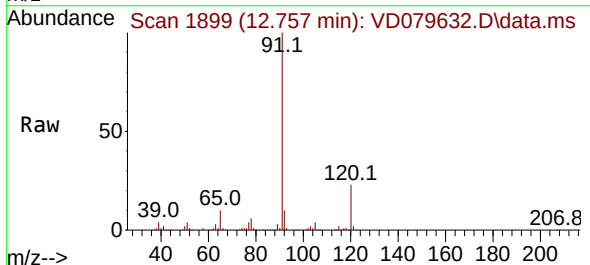
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

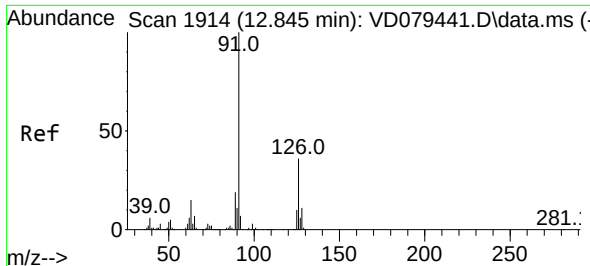
Tgt Ion:156 Resp: 97554
Ion Ratio Lower Upper
156 100
77 181.7 77.3 231.9
158 98.2 49.6 149.0



#78
n-propylbenzene
Concen: 46.486 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 91 Resp: 458518
Ion Ratio Lower Upper
91 100
120 23.2 12.3 36.8

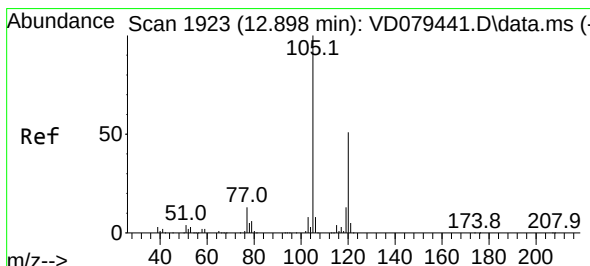
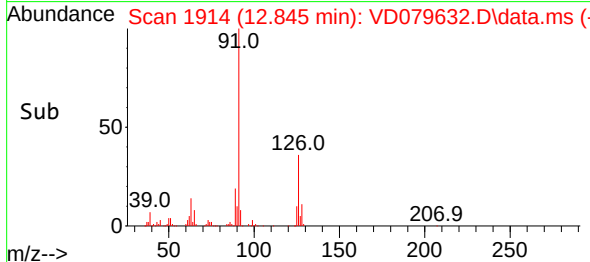
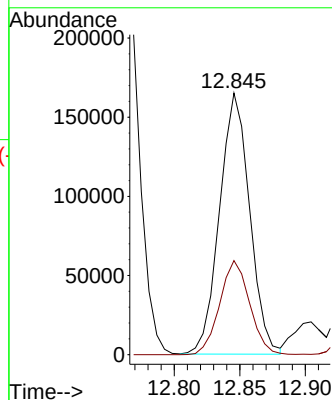
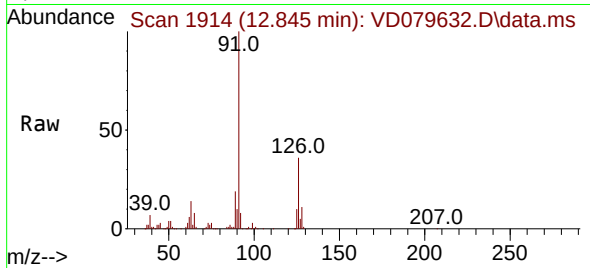




#79
2-Chlorotoluene
Concen: 47.994 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

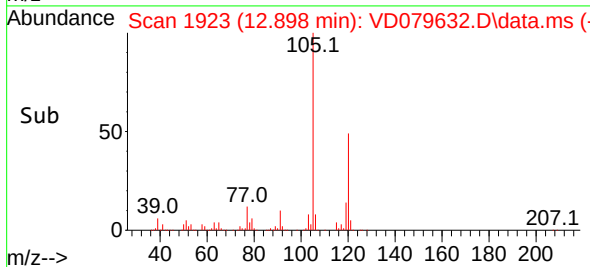
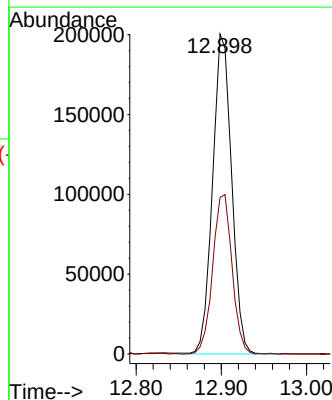
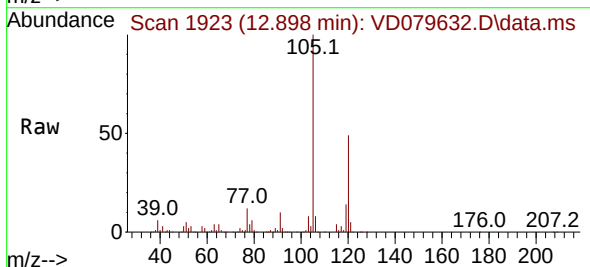
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

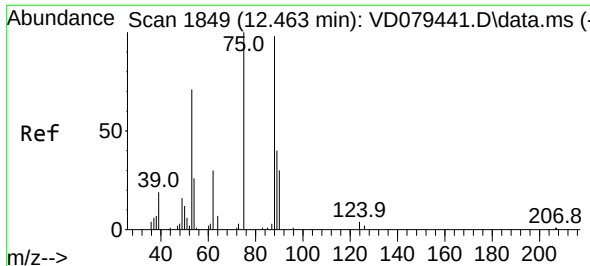
Tgt Ion: 91 Resp: 263591
Ion Ratio Lower Upper
91 100
126 35.8 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 47.367 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 105 Resp: 311346
Ion Ratio Lower Upper
105 100
120 50.7 25.7 77.1

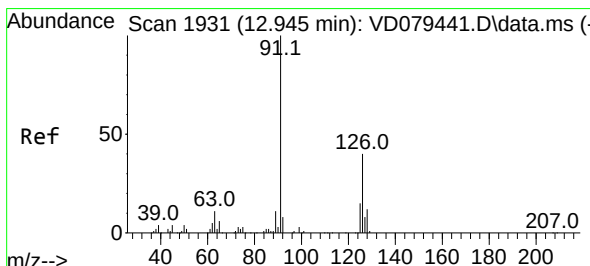
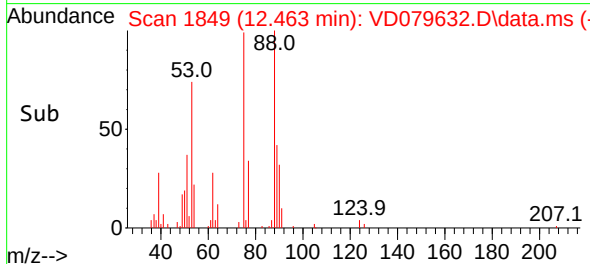
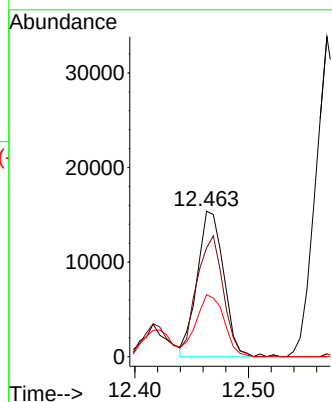
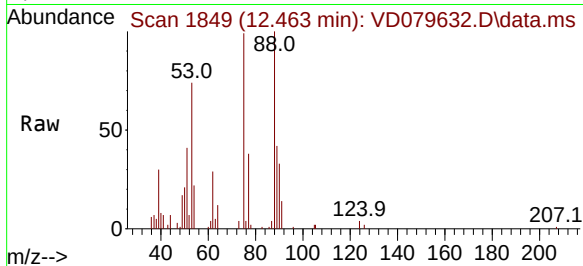




#81
trans-1,4-Dichloro-2-butene
Concen: 46.207 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

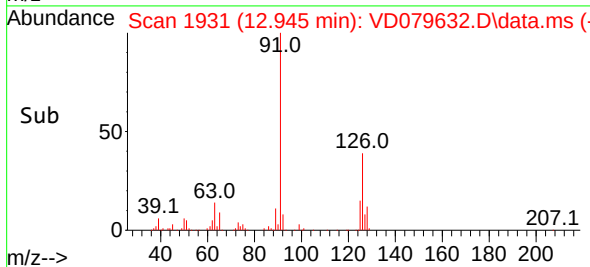
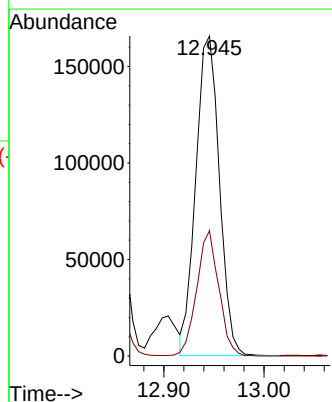
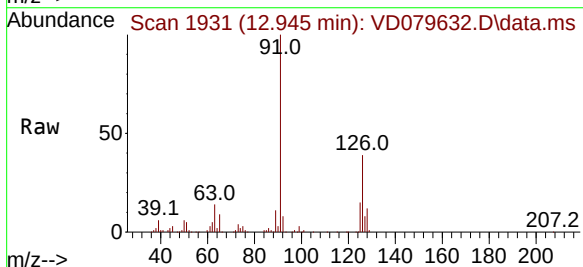
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

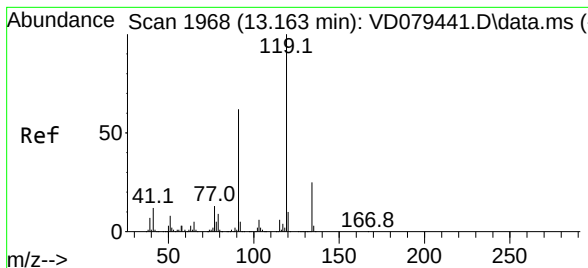
Tgt Ion:	75	Resp:	24988
Ion	Ratio	Lower	Upper
75	100		
53	83.0	61.4	92.2
89	44.9	35.4	53.0



#82
4-Chlorotoluene
Concen: 47.330 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	91	Resp:	270986
Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.9	56.9





#83

tert-Butylbenzene

Concen: 41.220 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

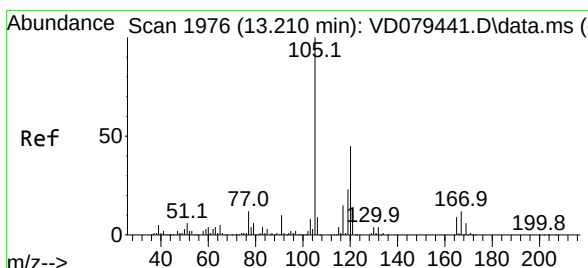
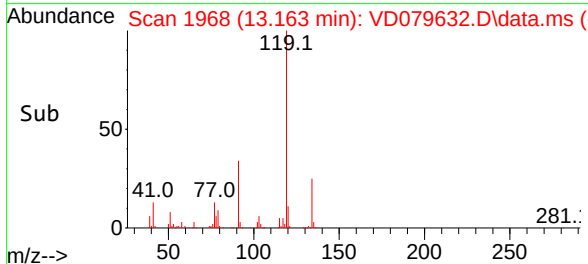
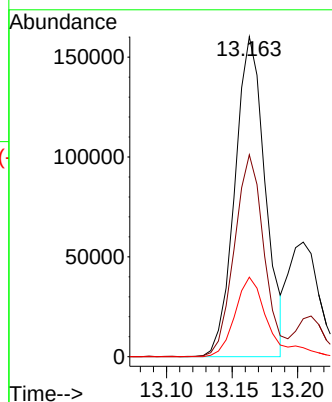
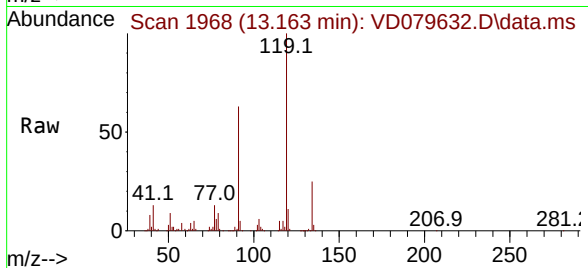
Tgt Ion:119 Resp: 258067

Ion Ratio Lower Upper

119 100

91 62.2 28.2 84.7

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 43.501 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079632.D

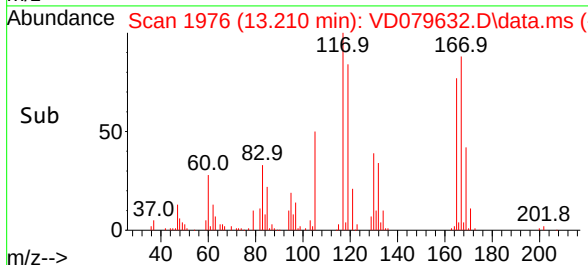
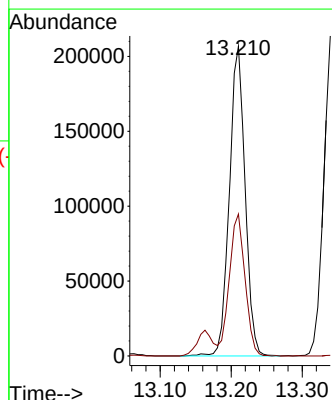
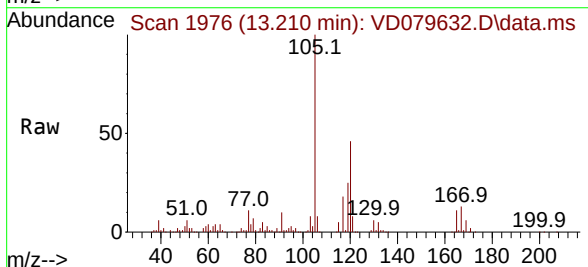
Acq: 06 Aug 2024 19:29

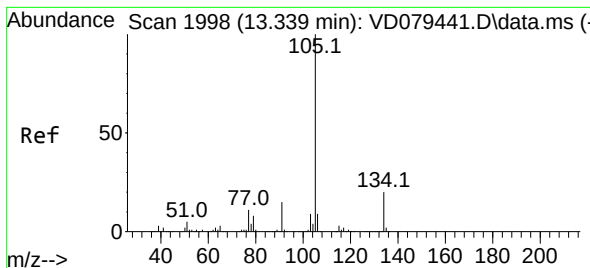
Tgt Ion:105 Resp: 318158

Ion Ratio Lower Upper

105 100

120 45.7 23.6 71.0





#85

sec-Butylbenzene

Concen: 38.643 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

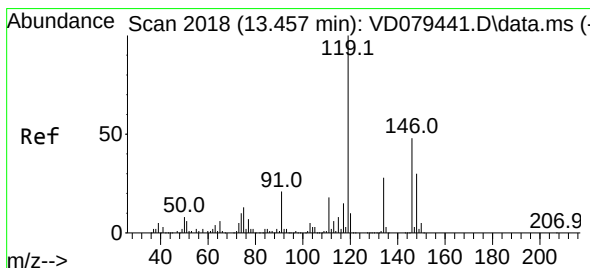
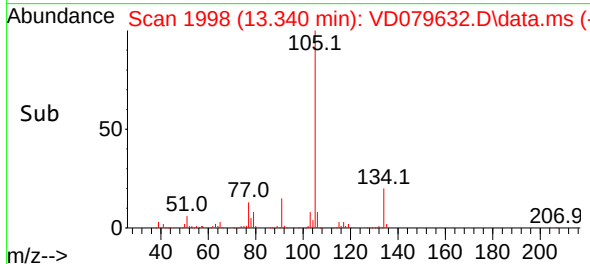
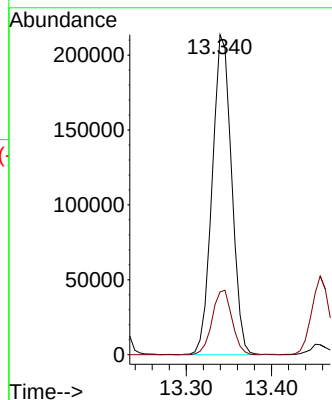
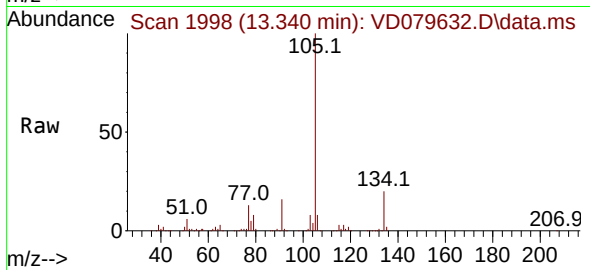
S-863-K2-SO-12.75-13.25-072024

Tgt Ion:105 Resp: 337842

Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8



#86

p-Isopropyltoluene

Concen: 35.423 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

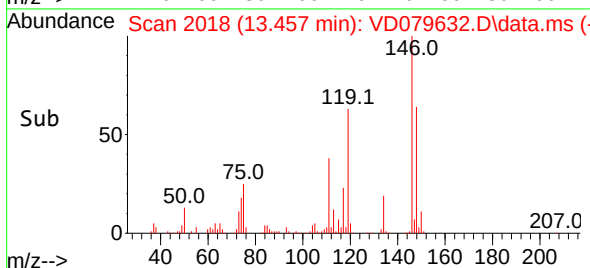
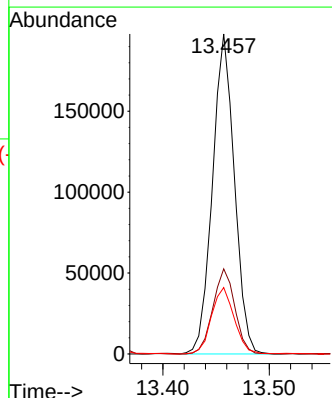
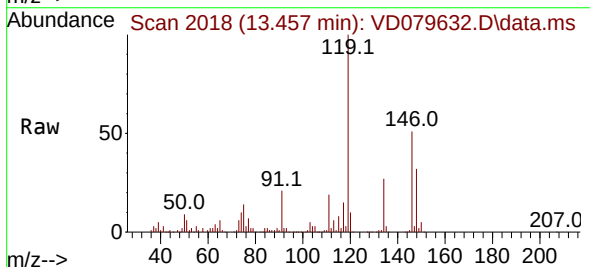
Tgt Ion:119 Resp: 282896

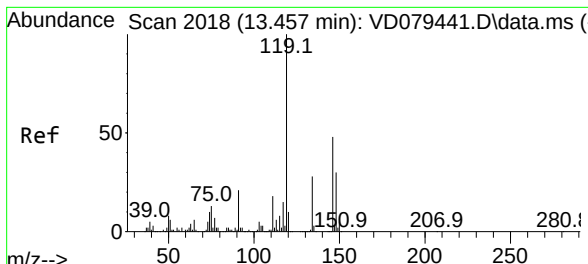
Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

91 21.6 10.7 32.1



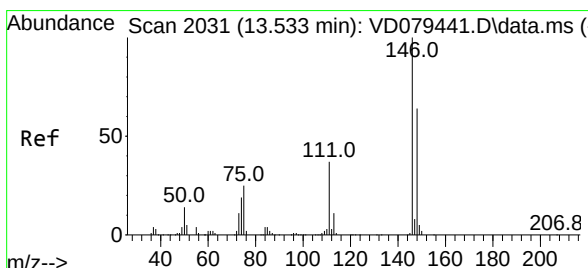
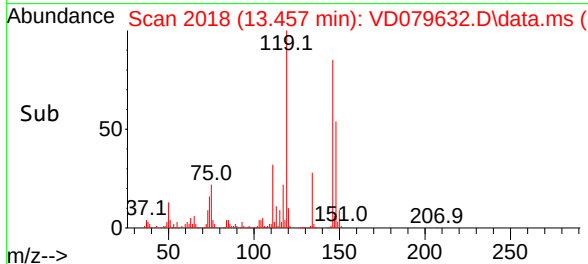
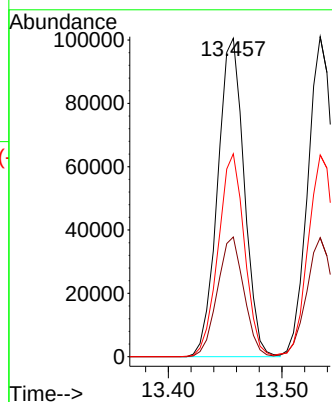
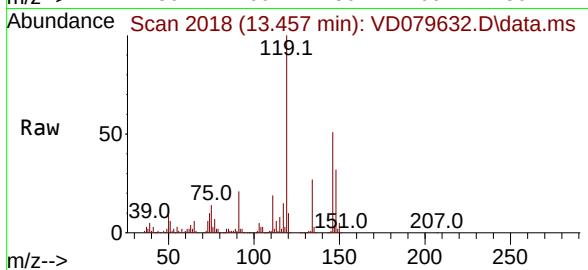


#87
 1,3-Dichlorobenzene
 Concen: 39.833 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Instrument : MSVOA_D
 ClientSampleId : S-863-K2-SO-12.75-13.25-072024

Tgt Ion:146 Resp: 163253

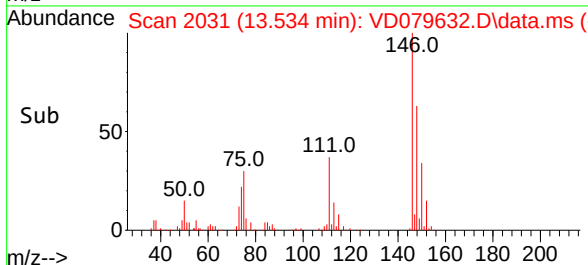
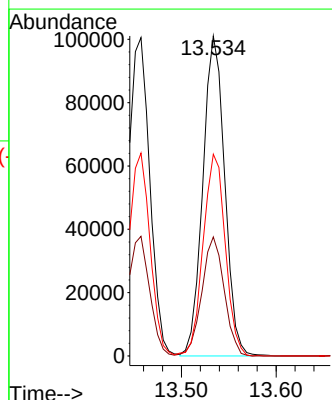
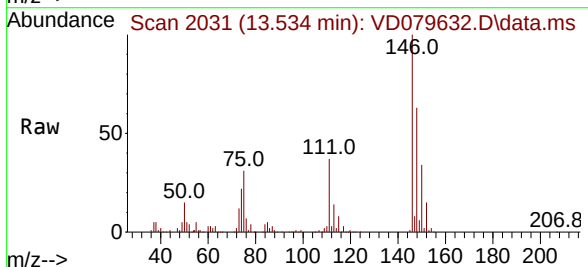
Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.5	55.5
148	63.0	30.9	92.8

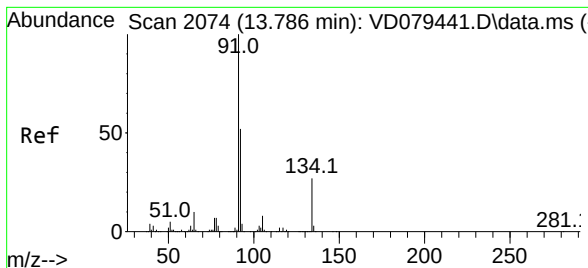


#88
 1,4-Dichlorobenzene
 Concen: 40.184 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079632.D
 Acq: 06 Aug 2024 19:29

Tgt Ion:146 Resp: 161914

Ion	Ratio	Lower	Upper
146	100		
111	38.1	17.5	52.6
148	63.8	31.4	94.2





#89

n-Butylbenzene

Concen: 28.701 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD079632.D

Acq: 06 Aug 2024 19:29

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-12.75-13.25-072024

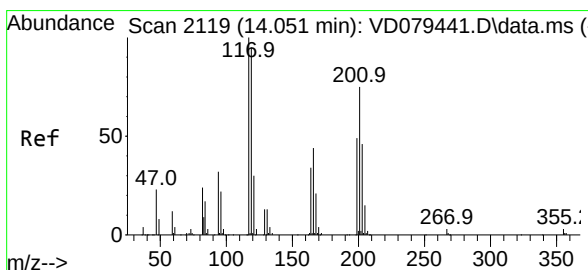
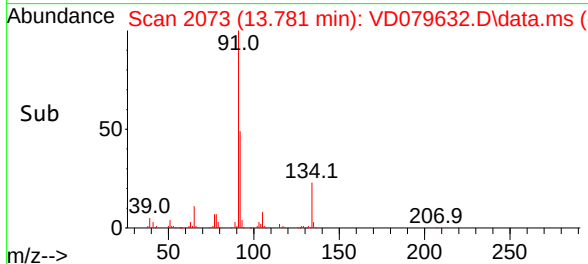
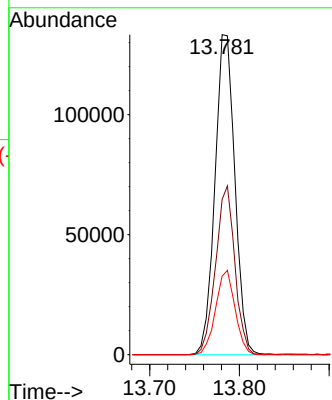
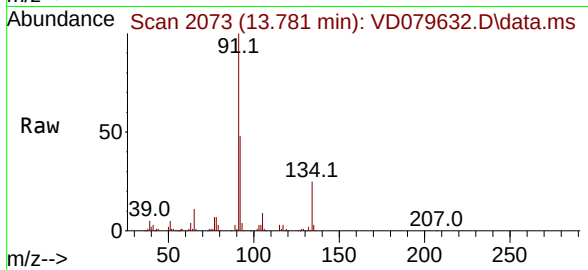
Tgt Ion: 91 Resp: 205940

Ion Ratio Lower Upper

91 100

92 50.8 25.7 77.0

134 25.7 13.6 40.8



#90

Hexachloroethane

Concen: 34.373 ug/l

RT: 14.045 min Scan# 2118

Delta R.T. 0.000 min

Lab File: VD079632.D

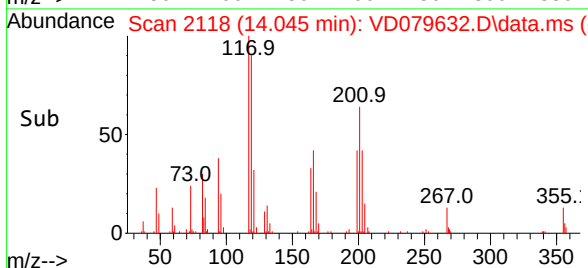
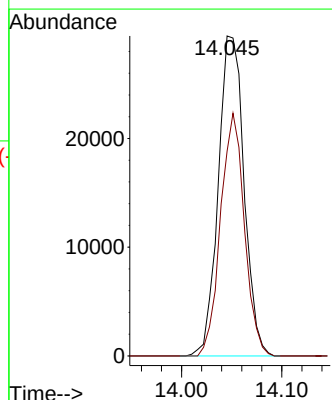
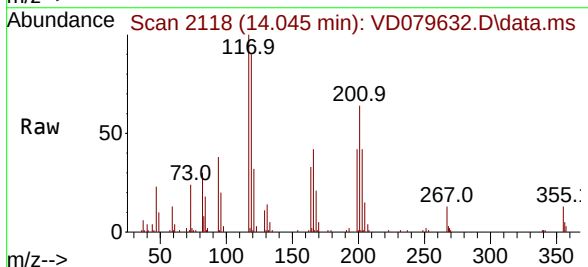
Acq: 06 Aug 2024 19:29

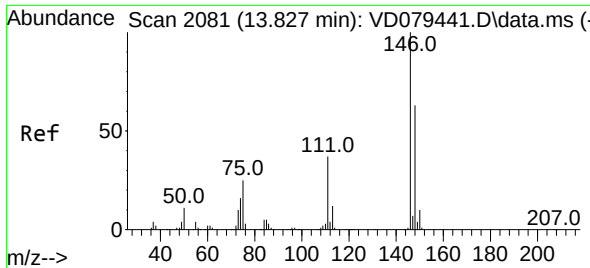
Tgt Ion: 117 Resp: 52561

Ion Ratio Lower Upper

117 100

201 70.0 36.3 108.9

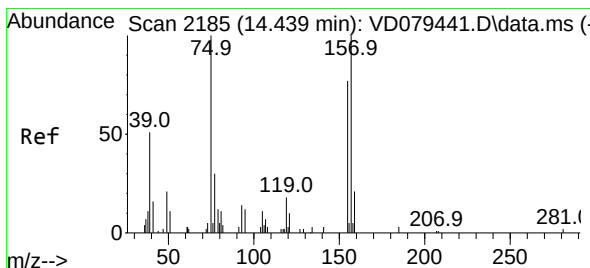
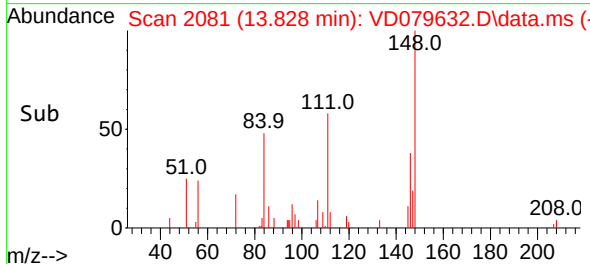
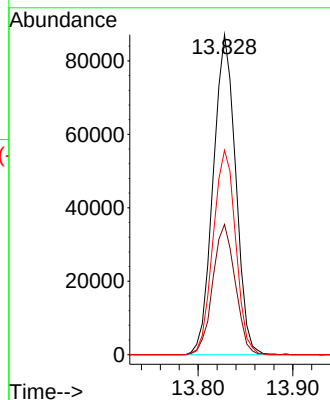
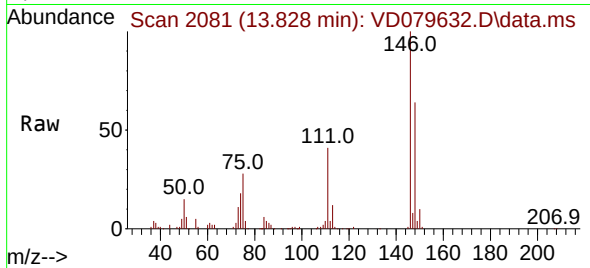




#91
1,2-Dichlorobenzene
Concen: 41.081 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

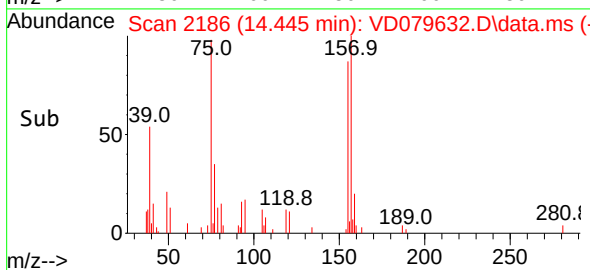
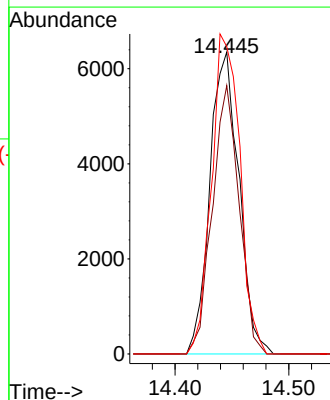
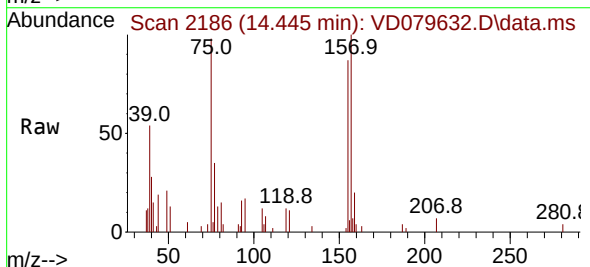
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

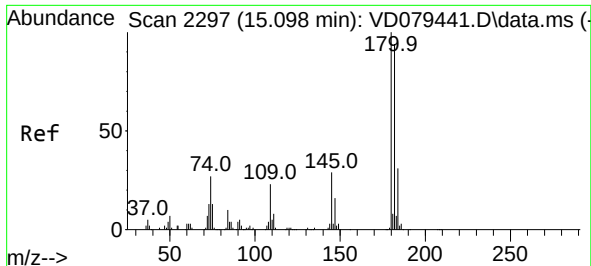
Tgt Ion:146	Resp:	143896
Ion Ratio	Lower	Upper
146	100	
111	40.6	19.1 57.1
148	64.3	31.1 93.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.288 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion: 75	Resp:	11277
Ion Ratio	Lower	Upper
75	100	
155	82.3	47.7 143.1
157	103.8	63.4 190.2

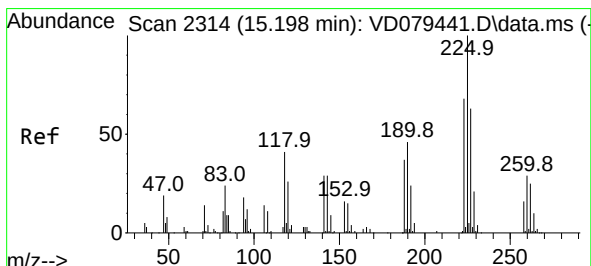
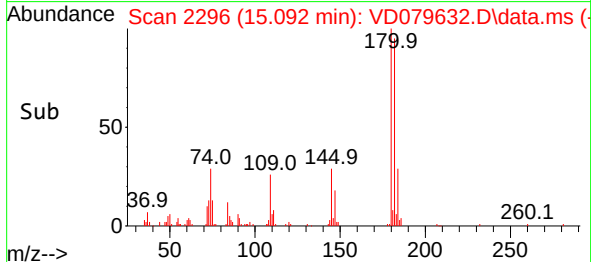
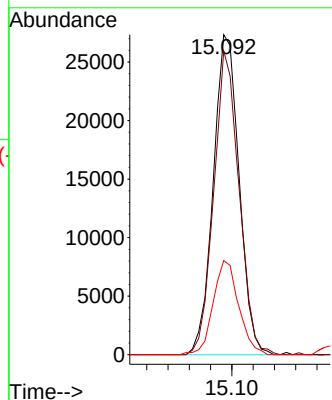
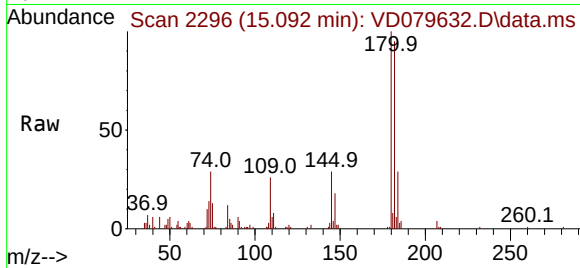




#93
1,2,4-Trichlorobenzene
Concen: 20.812 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

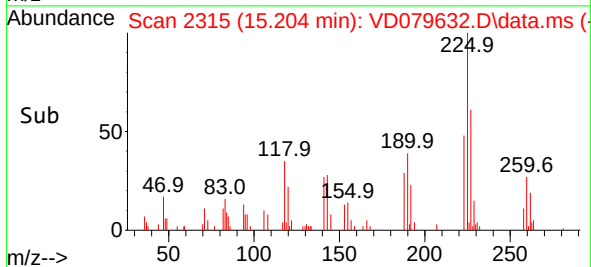
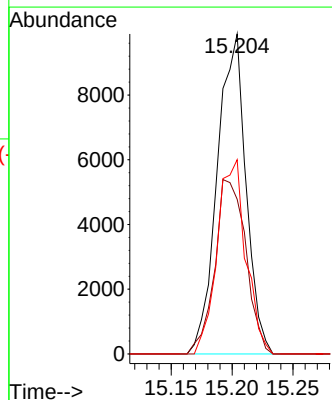
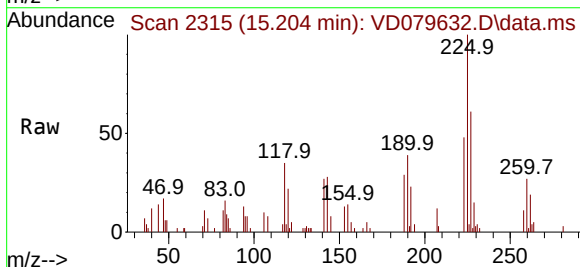
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

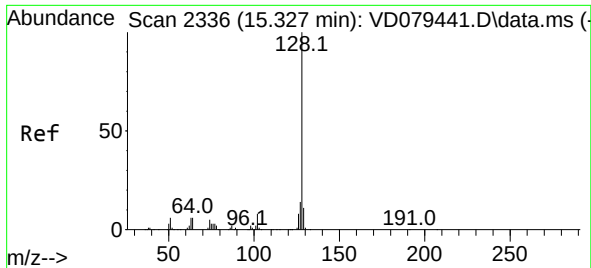
Tgt Ion:	180	Resp:	45929
Ion Ratio	Lower	Upper	
180	100		
182	92.7	46.9	140.7
145	29.0	14.0	41.9



#94
Hexachlorobutadiene
Concen: 13.619 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	225	Resp:	16222
Ion Ratio	Lower	Upper	
225	100		
223	58.9	33.3	99.9
227	60.5	33.6	100.6

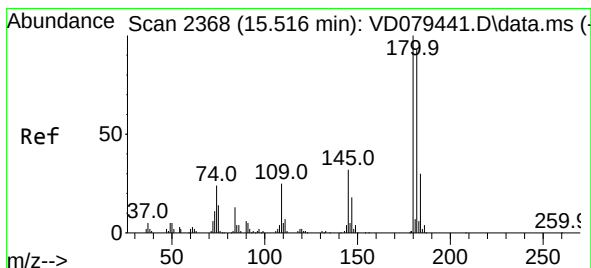
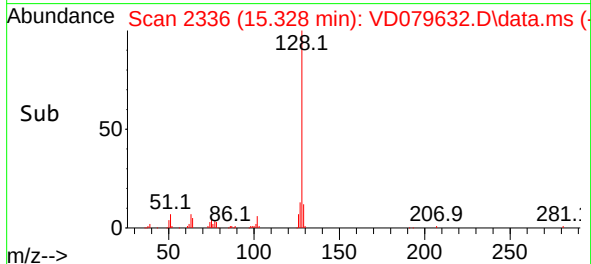
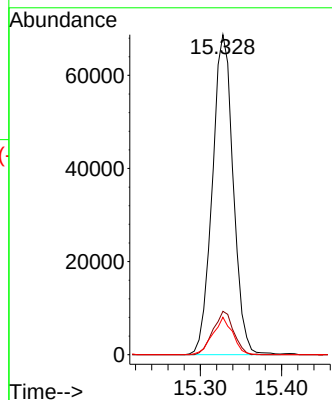
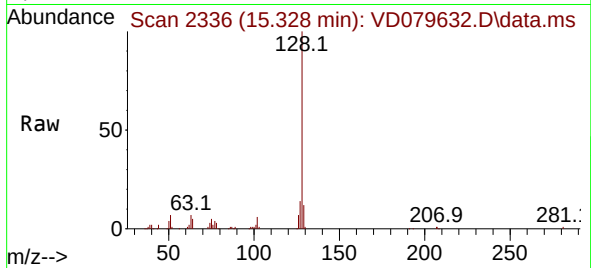




#95
Naphthalene
Concen: 32.185 ug/l
RT: 15.328 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

Tgt Ion:	128	Resp:	122936
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.4
129	11.7	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.974 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD079632.D
Acq: 06 Aug 2024 19:29

Tgt Ion:	180	Resp:	38775
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.8	143.3
145	31.1	16.1	48.2

