

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079524.D
 Acq On : 01 Aug 2024 05:52
 Operator : RP/MD
 Sample : P3374-09MSD
 Misc : 6.88G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

Quant Time: Aug 01 07:48:34 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	136695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	261076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	123706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83636	60.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.460%	
35) Dibromofluoromethane	7.804	113	94199	53.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.269	98	350689	51.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.569	95	103746	52.244	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	45616	42.590	ug/l	95
3) Chloromethane	2.146	50	108888	55.177	ug/l	97
4) Vinyl Chloride	2.281	62	123734	52.733	ug/l	96
5) Bromomethane	2.693	94	81310	55.173	ug/l	94
6) Chloroethane	2.834	64	79865	52.968	ug/l	99
7) Trichlorofluoromethane	3.175	101	105779	45.330	ug/l	99
8) Diethyl Ether	3.593	74	40583	57.573	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	64227	43.518	ug/l	99
10) Methyl Iodide	4.163	142	111847	60.886	ug/l	97
11) Tert butyl alcohol	5.063	59	16964	270.614	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	74546	50.472	ug/l	93
13) Acrolein	3.805	56	4366	18.090	ug/l	89
14) Allyl chloride	4.563	41	102293	52.449	ug/l	90
15) Acrylonitrile	5.252	53	85192	258.638	ug/l	96
16) Acetone	4.022	43	50734	187.987	ug/l	93
17) Carbon Disulfide	4.269	76	264436	54.240	ug/l #	95
18) Methyl Acetate	4.563	43	70658	84.325	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	176155	58.430	ug/l	95
20) Methylene Chloride	4.799	84	183971	98.792	ug/l	88
21) trans-1,2-Dichloroethene	5.316	96	95249	57.407	ug/l	91
22) Diisopropyl ether	6.216	45	273755	63.085	ug/l	95
23) Vinyl Acetate	6.157	43	638975	195.882	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	175793	60.451	ug/l	95
25) 2-Butanone	7.081	43	82824	216.468	ug/l	97
26) 2,2-Dichloropropane	7.075	77	103319	43.924	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	133360	70.318	ug/l	95
28) Bromochloromethane	7.428	49	77257	60.584	ug/l #	76
29) Tetrahydrofuran	7.451	42	59142	249.420	ug/l #	84
30) Chloroform	7.593	83	187974	63.830	ug/l	99
31) Cyclohexane	7.881	56	94938	41.164	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	137172	56.448	ug/l	99
36) 1,1-Dichloropropene	8.004	75	108440	44.961	ug/l	98
37) Ethyl Acetate	7.175	43	40724	41.182	ug/l	99
38) Carbon Tetrachloride	7.993	117	116467	45.935	ug/l	99
39) Methylcyclohexane	9.275	83	106044	36.850	ug/l	97
40) Benzene	8.251	78	414033	54.047	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23837	43.823	ug/l	87
42) 1,2-Dichloroethane	8.328	62	96374	52.794	ug/l	97
43) Isopropyl Acetate	8.357	43	79524	42.789	ug/l #	96
44) Trichloroethene	9.028	130	129724	68.026	ug/l	90
45) 1,2-Dichloropropane	9.304	63	102813	55.150	ug/l	96
46) Dibromomethane	9.393	93	55107	53.321	ug/l	95
47) Bromodichloromethane	9.581	83	139688	55.046	ug/l	98
48) Methyl methacrylate	9.381	41	39796	47.847	ug/l	85
49) 1,4-Dioxane	9.387	88	9425	880.103	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	216390	228.052	ug/l	93
52) Toluene	10.334	92	254752	53.770	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	114278	48.764	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	144434	51.238	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	71598	52.591	ug/l	95
56) Ethyl methacrylate	10.598	69	75755	46.962	ug/l	91
57) 1,3-Dichloropropane	10.875	76	121893	52.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	184075	247.437	ug/l	94
59) 2-Hexanone	10.922	43	139261	210.441	ug/l	94
60) Dibromochloromethane	11.075	129	95745	53.835	ug/l	100
61) 1,2-Dibromoethane	11.181	107	64680	50.712	ug/l	97
64) Tetrachloroethene	10.804	164	86422	51.515	ug/l	94
65) Chlorobenzene	11.604	112	287549	52.194	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	102102	56.329	ug/l	96
67) Ethyl Benzene	11.681	91	453838	50.321	ug/l	99
68) m/p-Xylenes	11.792	106	369685	103.318	ug/l	95
69) o-Xylene	12.122	106	172761	52.676	ug/l	92
70) Styrene	12.134	104	312179	54.292	ug/l	97
71) Bromoform	12.298	173	50481	49.264	ug/l #	100
73) Isopropylbenzene	12.416	105	407765	44.445	ug/l	99
74) N-amyl acetate	12.228	43	69691	38.302	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	77213	48.046	ug/l	95
76) 1,2,3-Trichloropropane	12.716	75	88161	81.531	ug/l #	100
77) Bromobenzene	12.698	156	110370	53.209	ug/l	93
78) n-propylbenzene	12.763	91	503569	48.698	ug/l	97
79) 2-Chlorotoluene	12.845	91	300548	52.198	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	357750	51.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	22913	40.415	ug/l	97
82) 4-Chlorotoluene	12.945	91	315774	52.608	ug/l	99
83) tert-Butylbenzene	13.163	119	296600	44.839	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	375598	48.553	ug/l	99
85) sec-Butylbenzene	13.339	105	431350	47.062	ug/l	99
86) p-Isopropyltoluene	13.457	119	373303	43.581	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	223392	51.992	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	216722	51.304	ug/l	97
89) n-Butylbenzene	13.786	91	325766	41.381	ug/l	99
90) Hexachloroethane	14.051	117	81318	50.725	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	196109	53.404	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9246	43.239	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	109191	47.194	ug/l	97
94) Hexachlorobutadiene	15.204	225	54301	43.485	ug/l	96
95) Naphthalene	15.328	128	181884	45.420	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	97518	47.915	ug/l	98

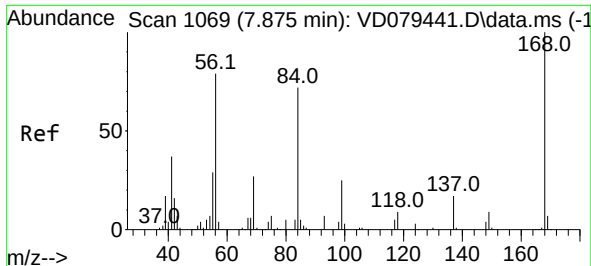
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Response via : Initial Calibration

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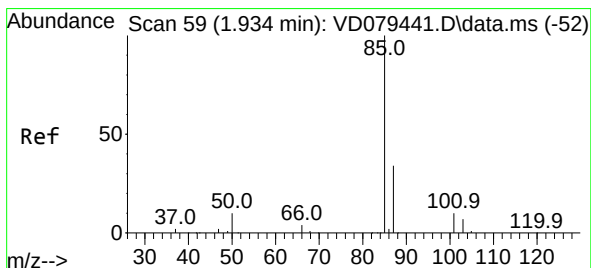
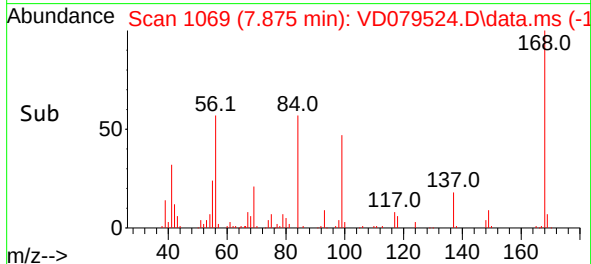
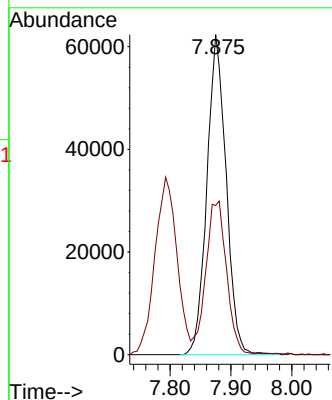
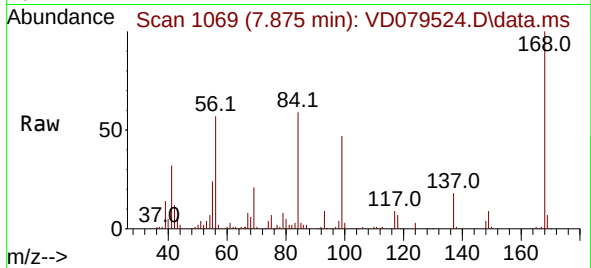
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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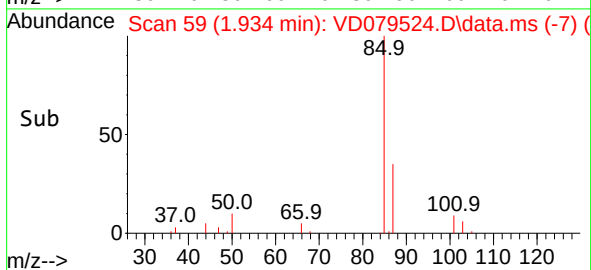
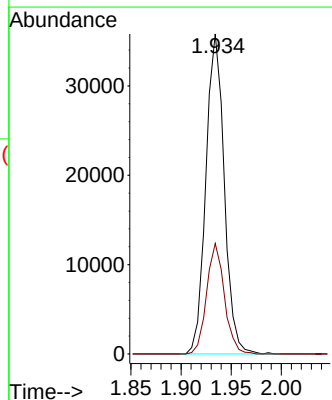
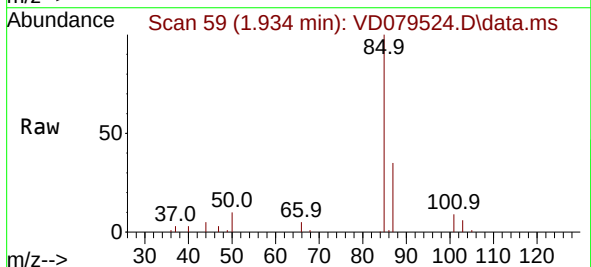
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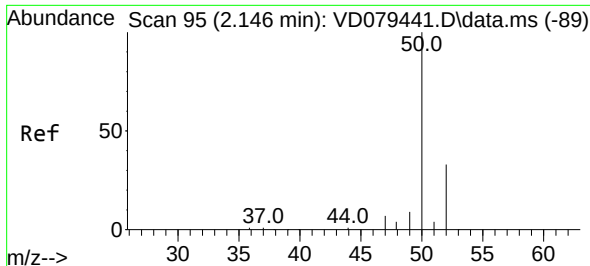
Tgt Ion:168 Resp: 136695
Ion Ratio Lower Upper
168 100
99 46.3 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 42.590 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 85 Resp: 45616
Ion Ratio Lower Upper
85 100
87 34.5 16.0 48.0

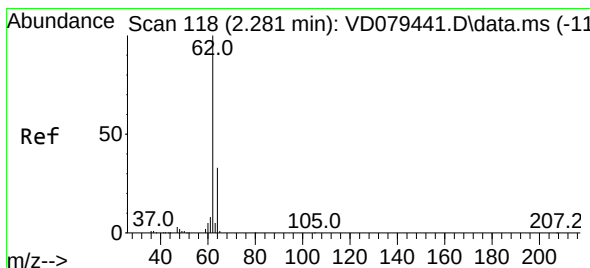
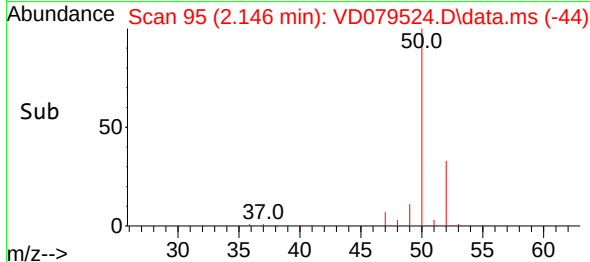
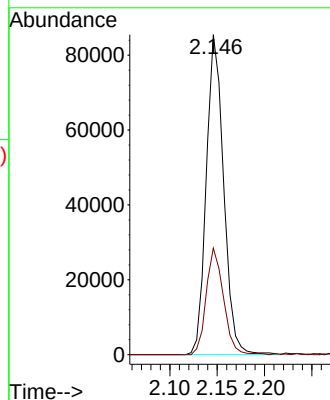
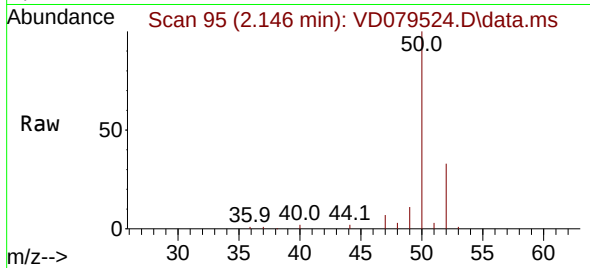




#3
Chloromethane
Concen: 55.177 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

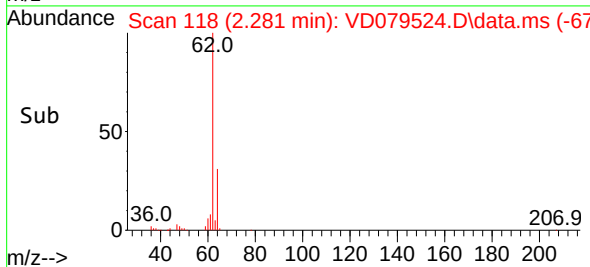
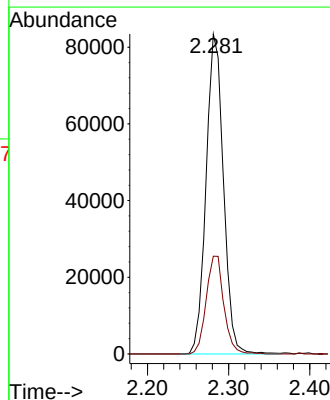
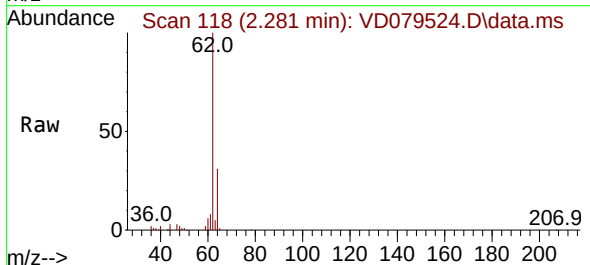
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

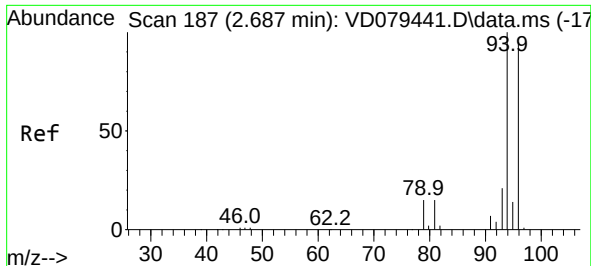
Tgt Ion: 50 Resp: 108888
Ion Ratio Lower Upper
50 100
52 33.3 28.2 42.2



#4
Vinyl Chloride
Concen: 52.733 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 62 Resp: 123734
Ion Ratio Lower Upper
62 100
64 30.6 26.3 39.5

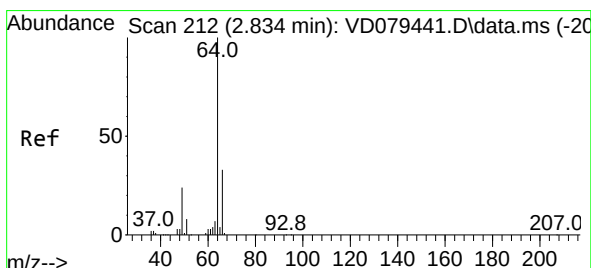
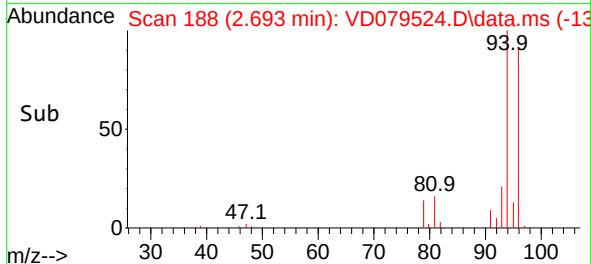
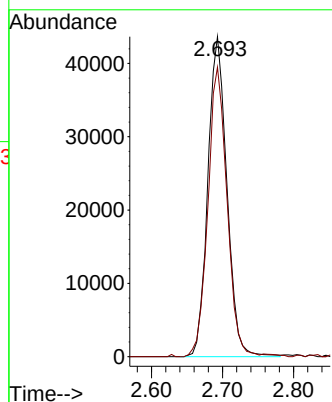
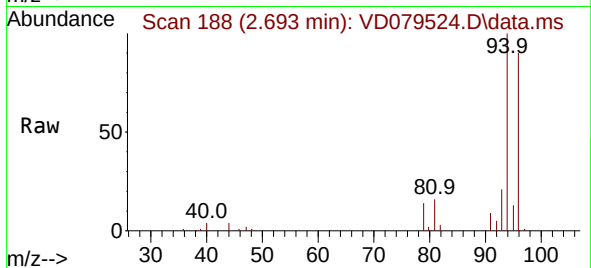




#5
Bromomethane
Concen: 55.173 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

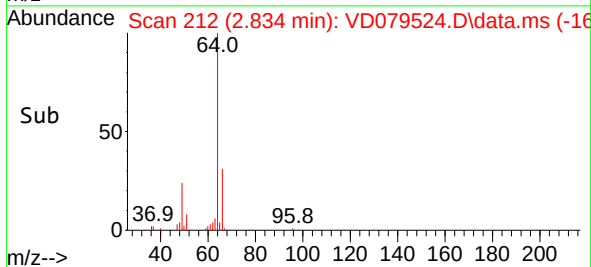
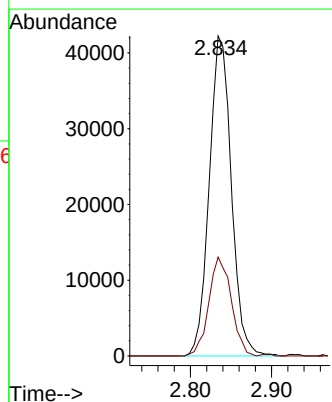
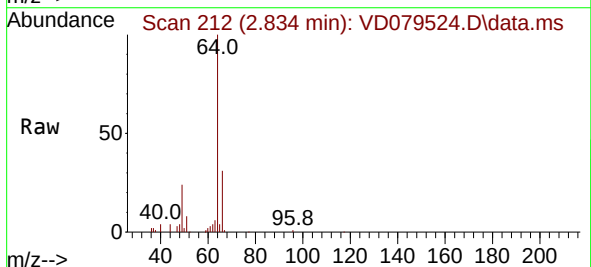
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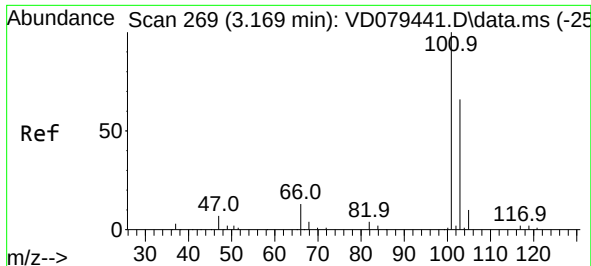
Tgt Ion: 94 Resp: 81310
Ion Ratio Lower Upper
94 100
96 90.6 76.9 115.3



#6
Chloroethane
Concen: 52.968 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 64 Resp: 79865
Ion Ratio Lower Upper
64 100
66 30.9 24.5 36.7

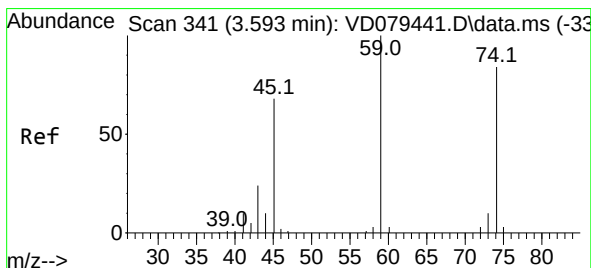
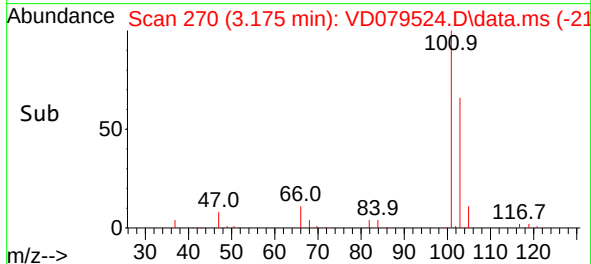
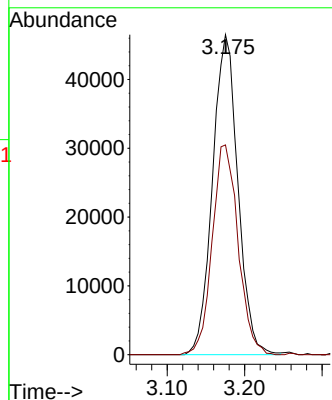
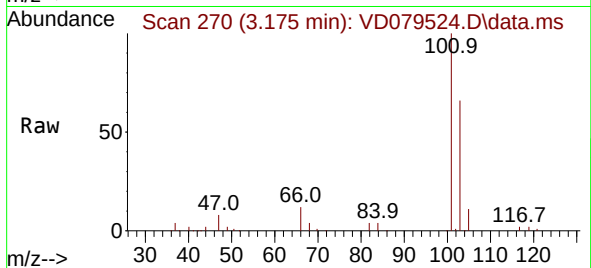




#7
Trichlorofluoromethane
Concen: 45.330 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

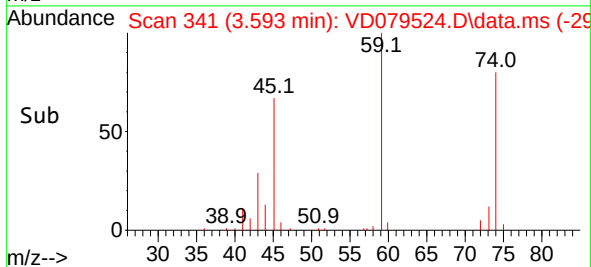
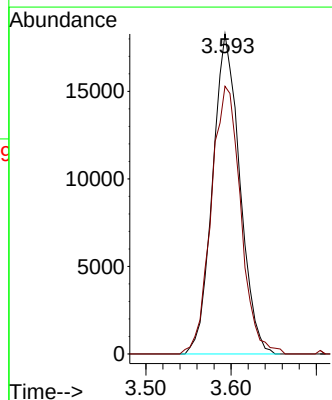
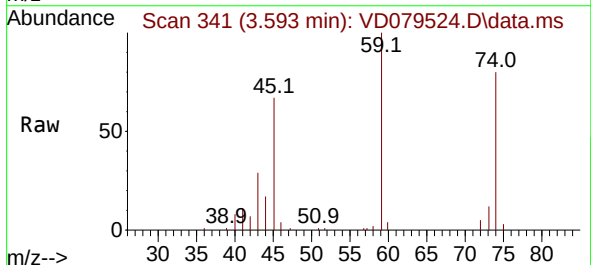
Instrument :
MSVOA_D
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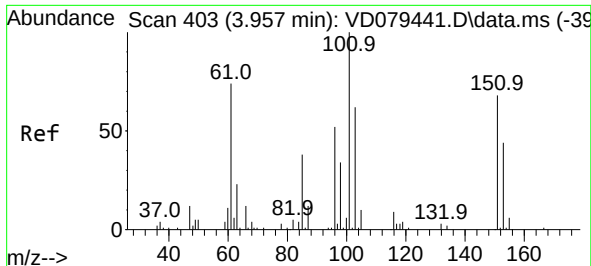
Tgt Ion:101 Resp: 105779
Ion Ratio Lower Upper
101 100
103 65.5 53.2 79.8



#8
Diethyl Ether
Concen: 57.573 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 74 Resp: 40583
Ion Ratio Lower Upper
74 100
45 90.8 37.9 113.6

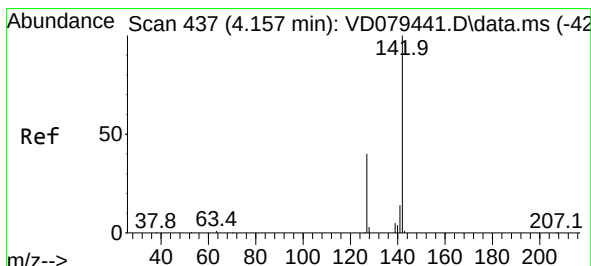
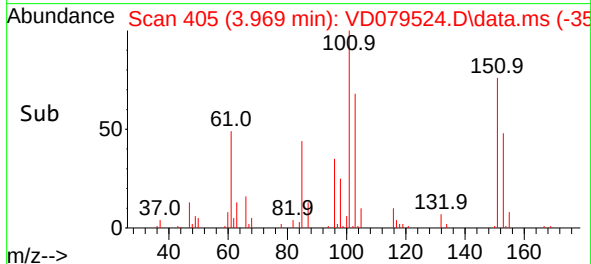
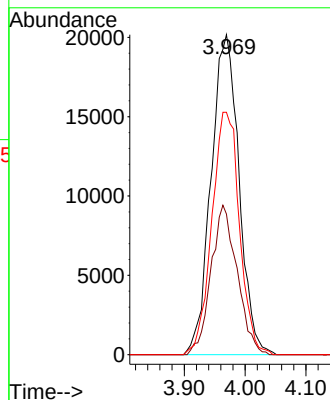
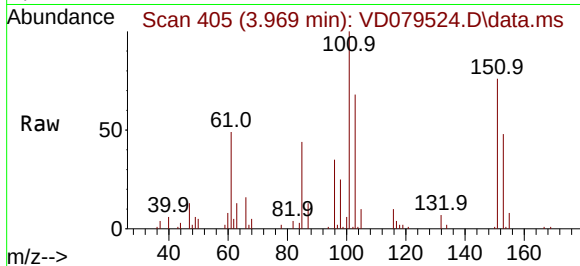




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.518 ug/l
RT: 3.969 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD079524.D
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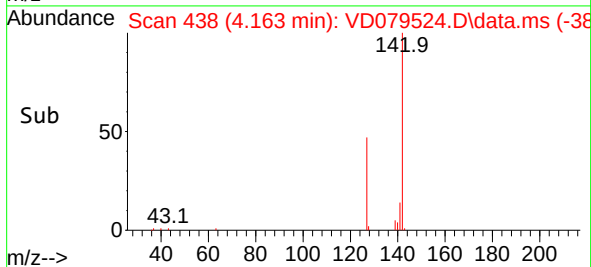
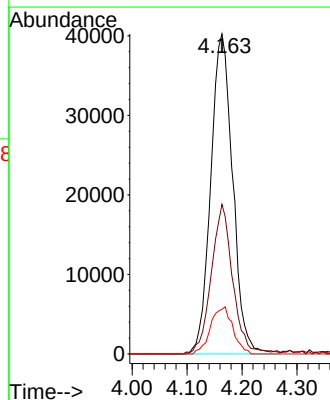
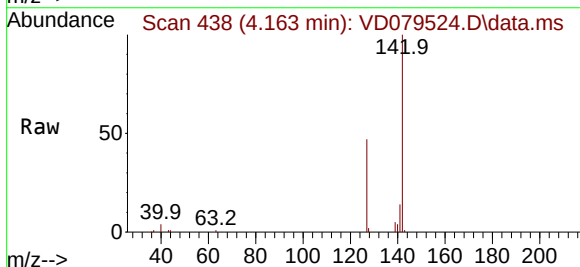
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

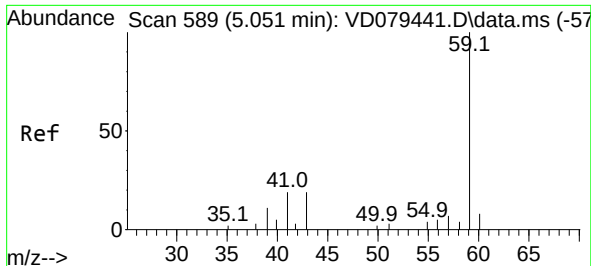
Tgt Ion:101 Resp: 64227
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 75.0 60.3 90.5



#10
Methyl Iodide
Concen: 60.886 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.011 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:142 Resp: 111847
Ion Ratio Lower Upper
142 100
127 45.5 34.2 51.4
141 14.8 11.7 17.5

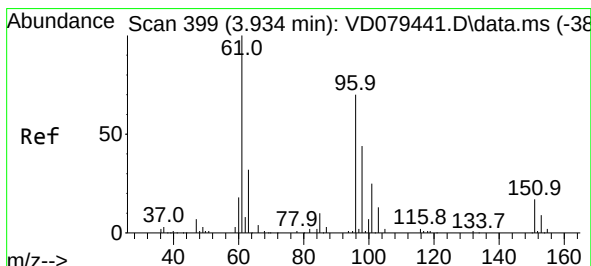
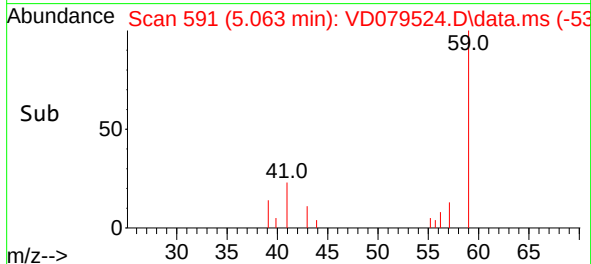
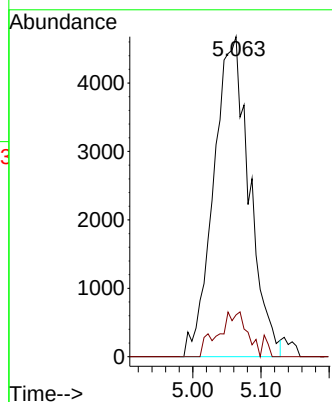
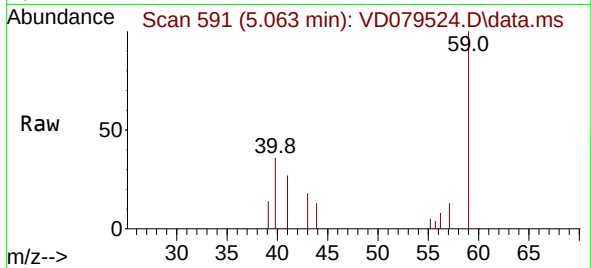




#11
Tert butyl alcohol
Concen: 270.614 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

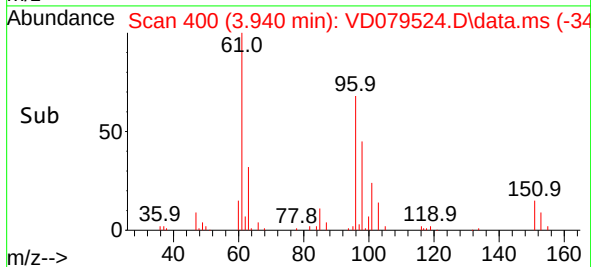
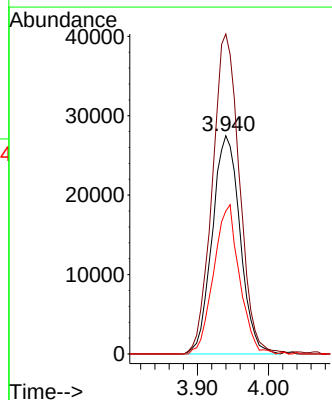
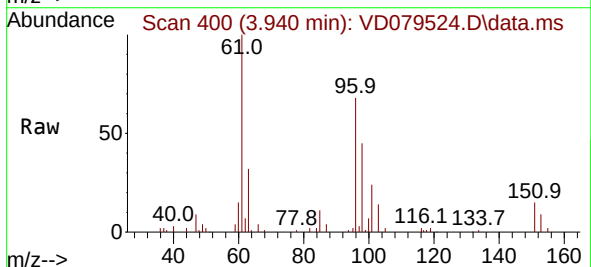
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

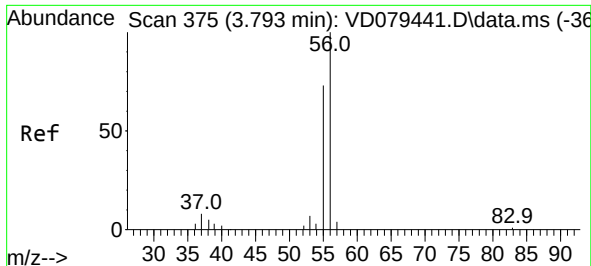
Tgt Ion: 59 Resp: 16964
Ion Ratio Lower Upper
59 100
57 9.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 50.472 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 96 Resp: 74546
Ion Ratio Lower Upper
96 100
61 146.6 107.3 160.9
98 65.5 51.7 77.5

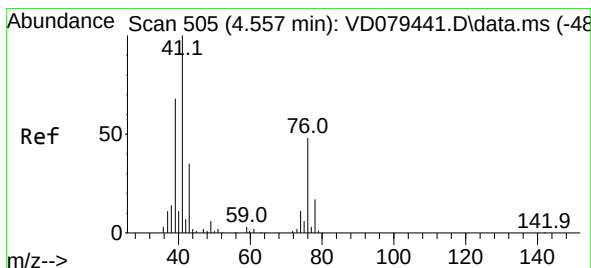
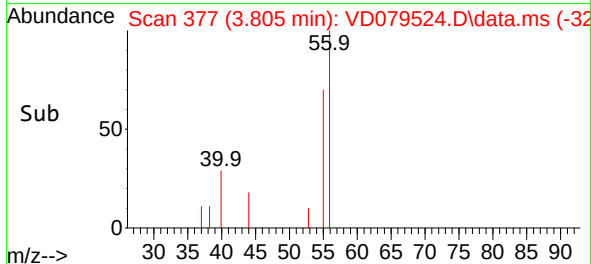
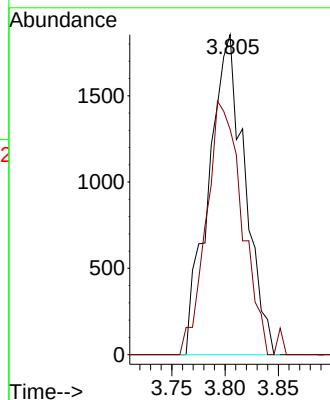
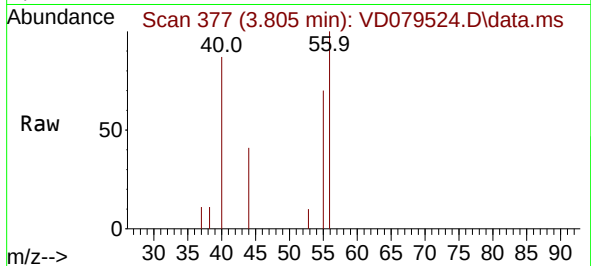




#13
Acrolein
Concen: 18.090 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

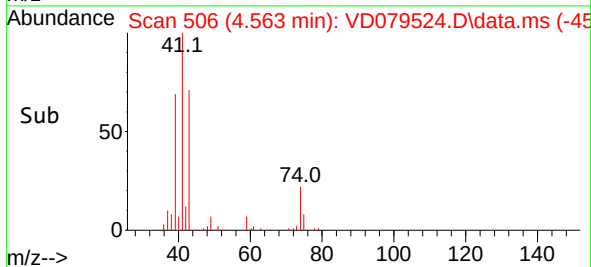
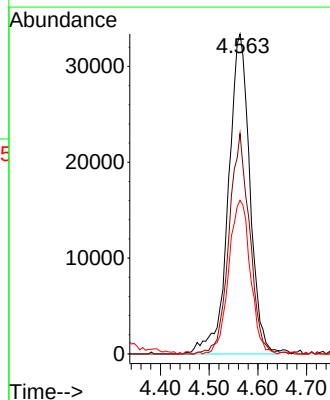
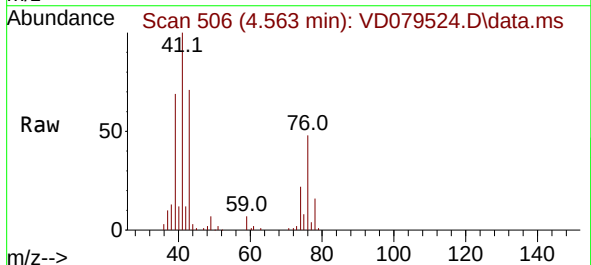
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

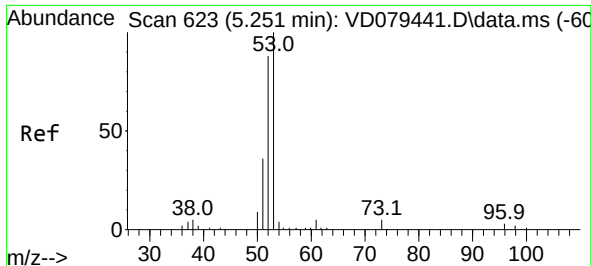
Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
55 78.3 55.3 82.9



#14
Allyl chloride
Concen: 52.449 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 41 Resp: 102293
Ion Ratio Lower Upper
41 100
39 66.2 58.0 87.0
76 48.2 45.9 68.9

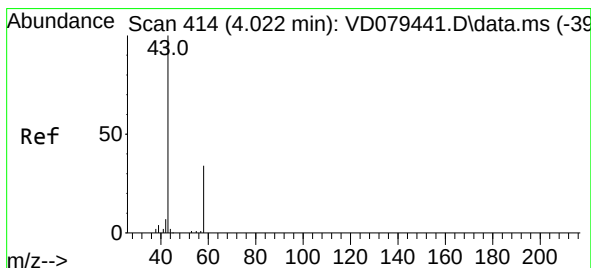
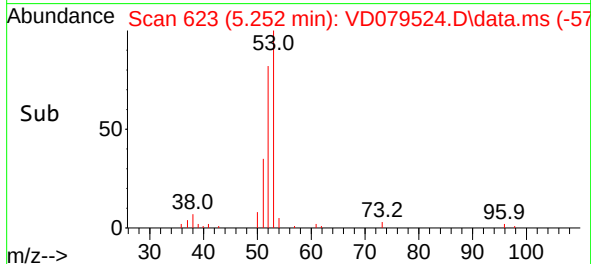
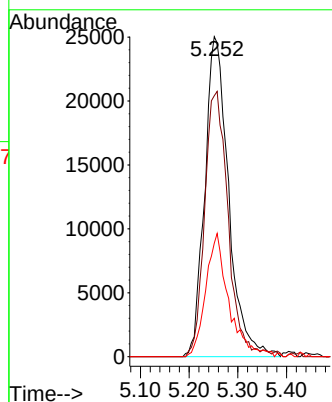
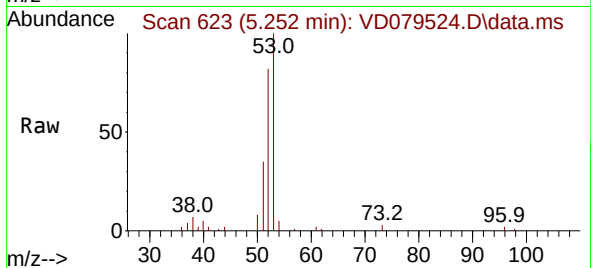




#15
Acrylonitrile
Concen: 258.638 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

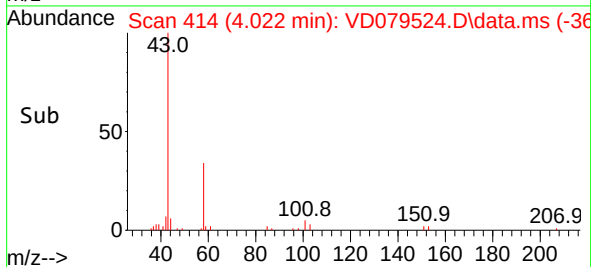
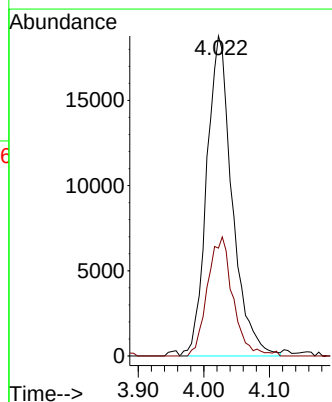
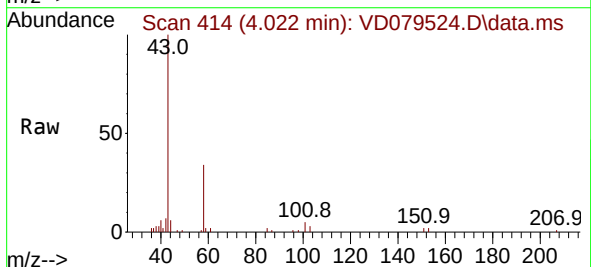
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

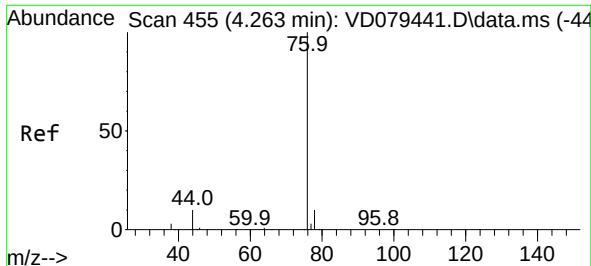
Tgt Ion:	53	Resp:	85192
Ion	Ratio	Lower	Upper
53	100		
52	80.6	67.7	101.5
51	37.1	28.6	42.8



#16
Acetone
Concen: 187.987 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:	43	Resp:	50734
Ion	Ratio	Lower	Upper
43	100		
58	33.7	30.4	45.6





#17

Carbon Disulfide

Concen: 54.240 ug/l

RT: 4.269 min Scan# 455

Delta R.T. 0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

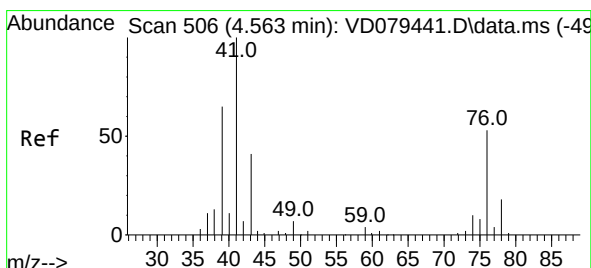
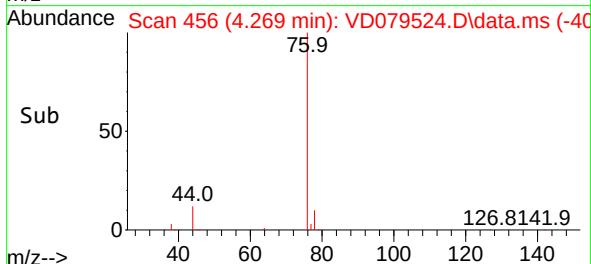
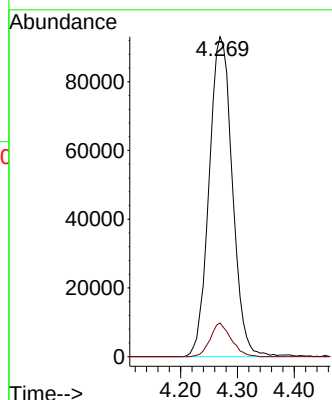
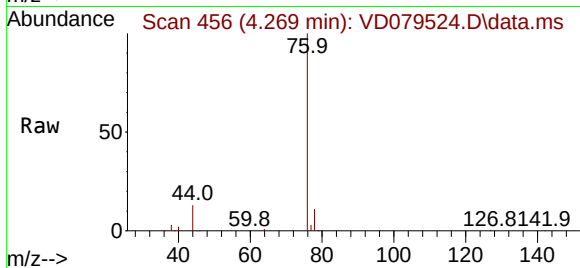
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 76 Resp: 264436

Ion Ratio Lower Upper

76 100

78 10.6 6.9 10.3#



#18

Methyl Acetate

Concen: 84.325 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD079524.D

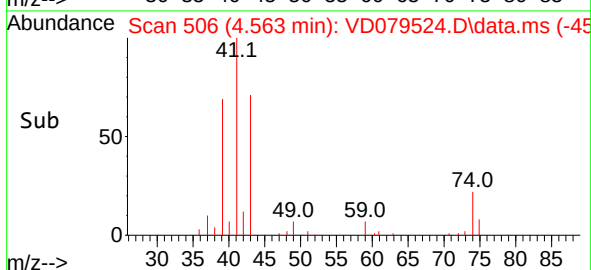
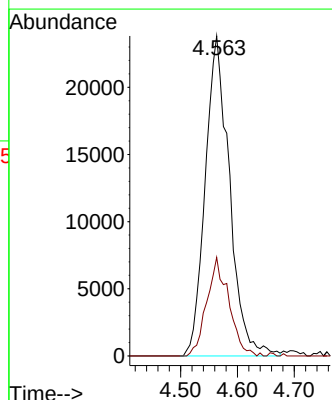
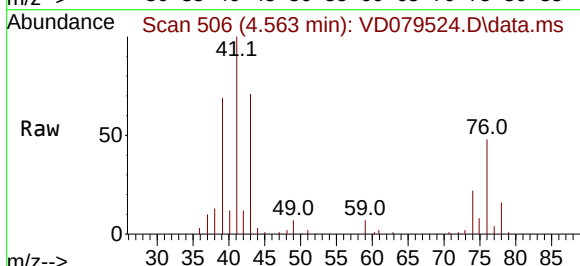
Acq: 01 Aug 2024 05:52

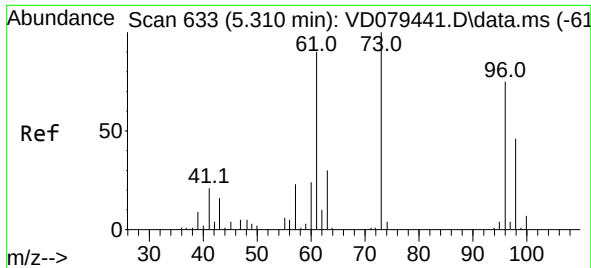
Tgt Ion: 43 Resp: 70658

Ion Ratio Lower Upper

43 100

74 28.1 28.1 42.1#

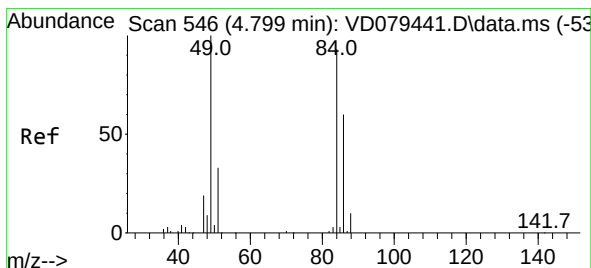
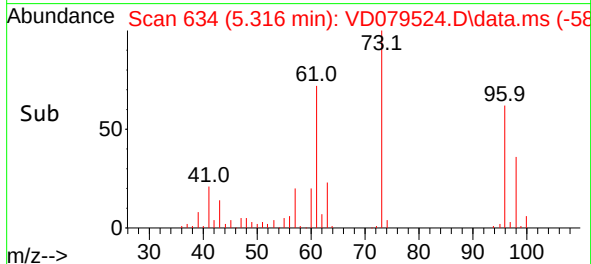
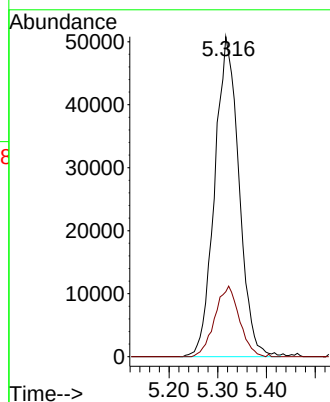
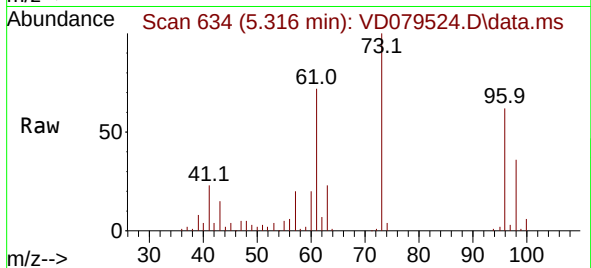




#19
Methyl tert-butyl Ether
Concen: 58.430 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

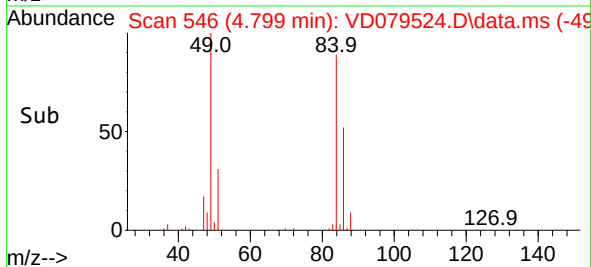
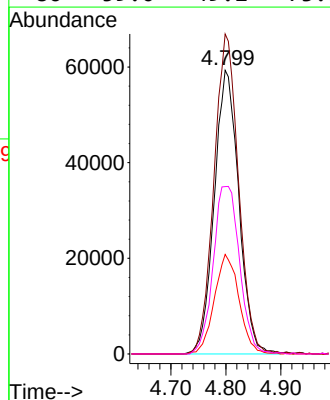
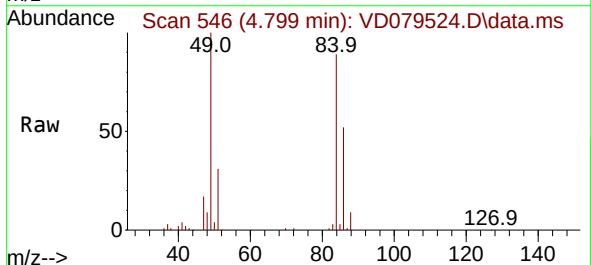
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

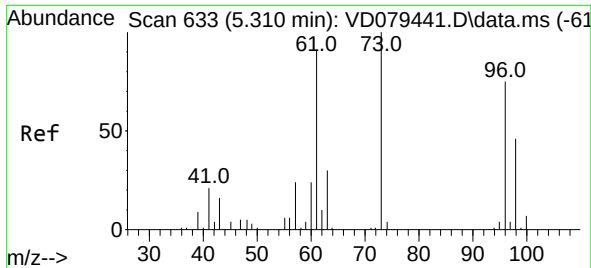
Tgt Ion: 73 Resp: 176155
Ion Ratio Lower Upper
73 100
57 20.3 18.3 27.5



#20
Methylene Chloride
Concen: 98.792 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 84 Resp: 183971
Ion Ratio Lower Upper
84 100
49 112.8 75.6 113.4
51 35.1 24.2 36.2
86 59.0 49.2 73.8

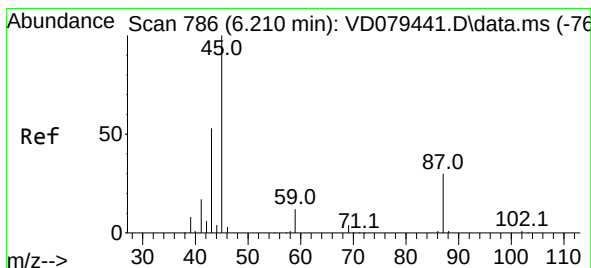
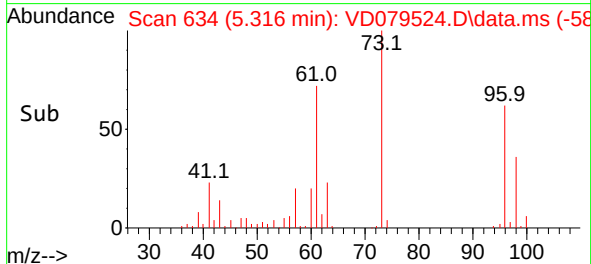
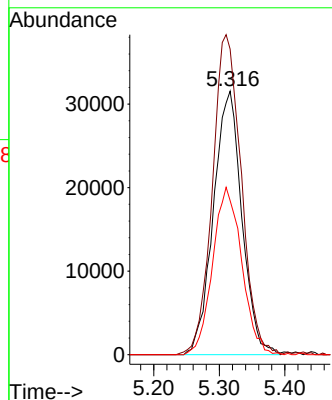
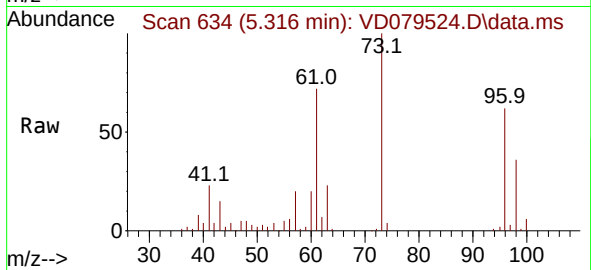




#21
trans-1,2-Dichloroethene
Concen: 57.407 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

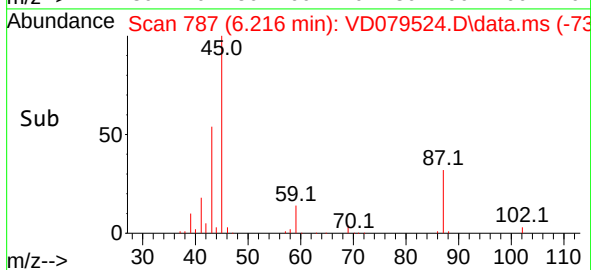
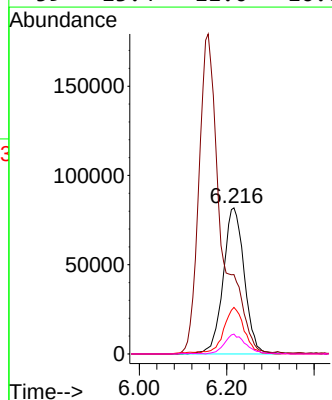
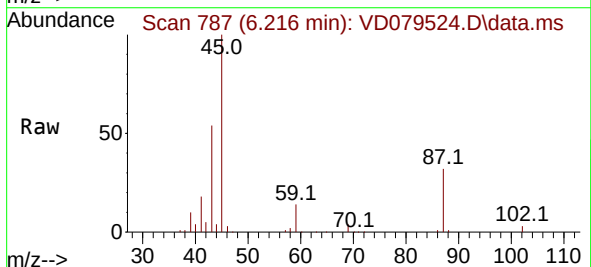
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

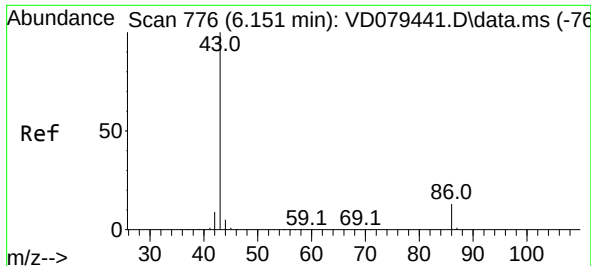
Tgt Ion: 96 Resp: 95249
Ion Ratio Lower Upper
96 100
61 116.0 84.5 126.7
98 58.5 50.5 75.7



#22
Diisopropyl ether
Concen: 63.085 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 45 Resp: 273755
Ion Ratio Lower Upper
45 100
43 53.8 41.7 62.5
87 31.9 30.2 45.2
59 13.4 11.0 16.6

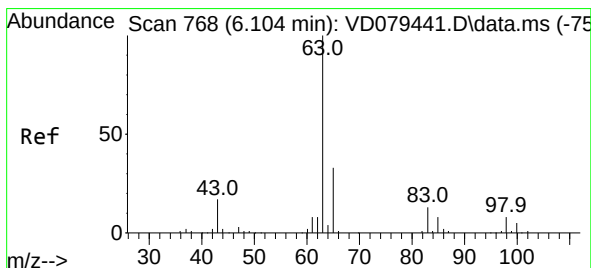
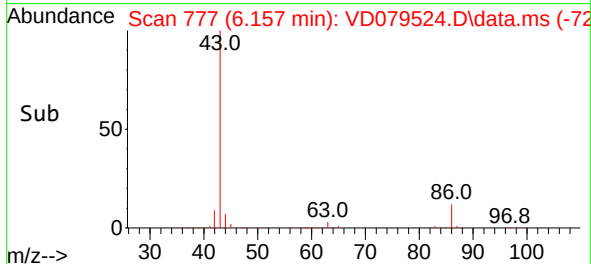
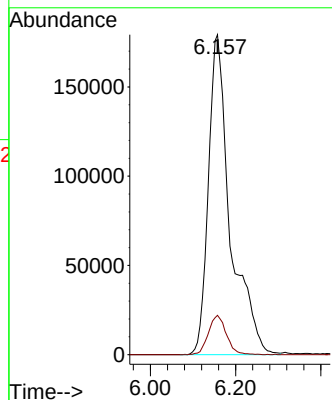
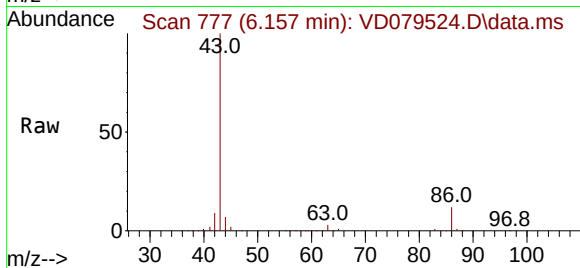




#23
 Vinyl Acetate
 Concen: 195.882 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

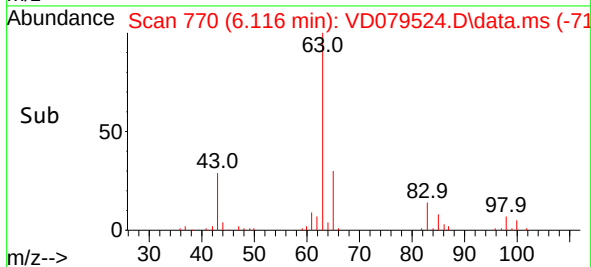
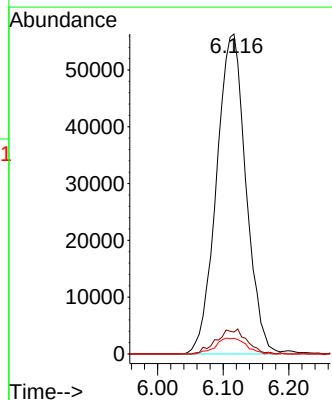
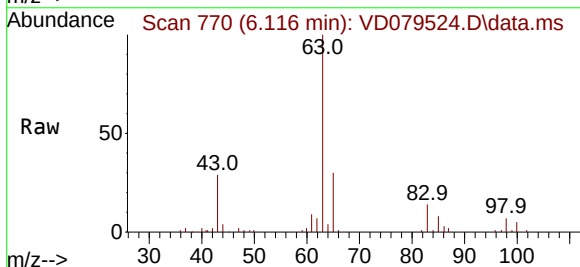
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

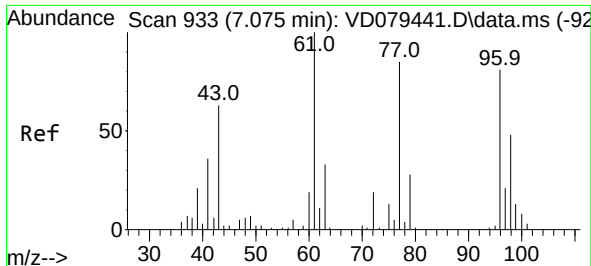
Tgt Ion: 43 Resp: 638975
 Ion Ratio Lower Upper
 43 100
 86 12.3 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 60.451 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.012 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

Tgt Ion: 63 Resp: 175793
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.7 14.0
 100 4.9 2.9 8.6

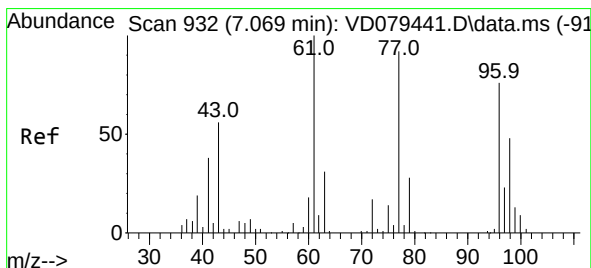
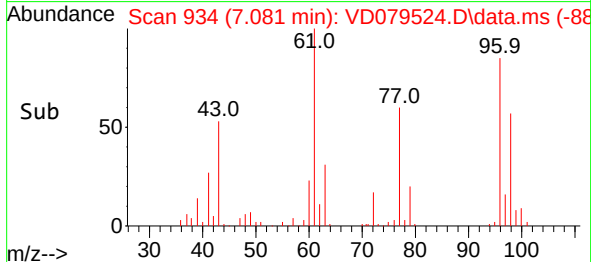
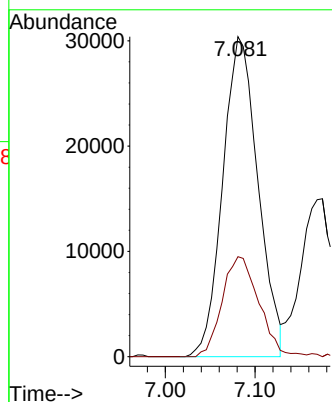
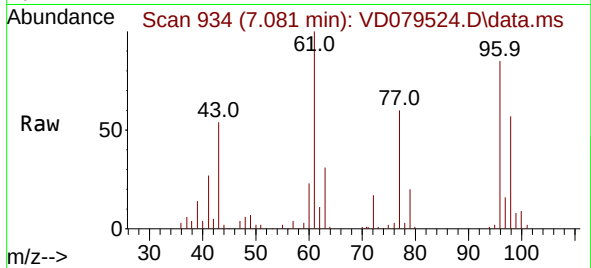




#25
2-Butanone
Concen: 216.468 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

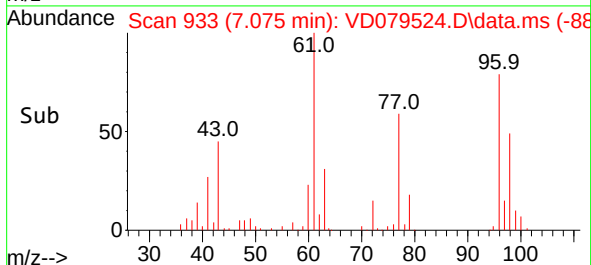
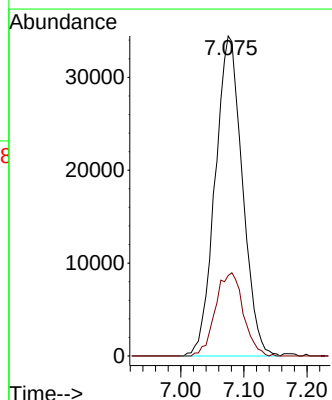
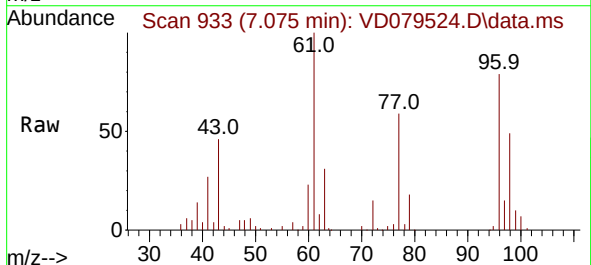
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

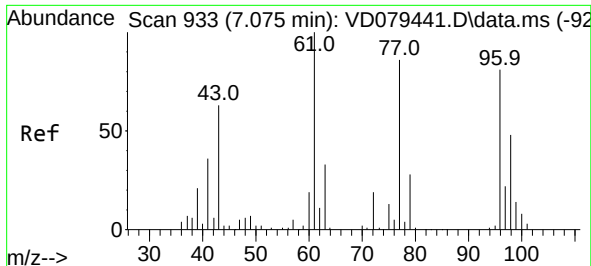
Tgt Ion: 43 Resp: 82824
Ion Ratio Lower Upper
43 100
72 31.2 26.4 39.6



#26
2,2-Dichloropropane
Concen: 43.924 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 77 Resp: 103319
Ion Ratio Lower Upper
77 100
97 26.5 12.4 37.2

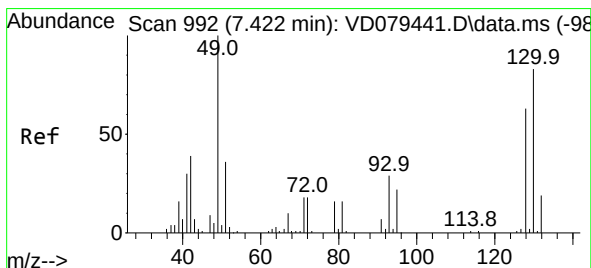
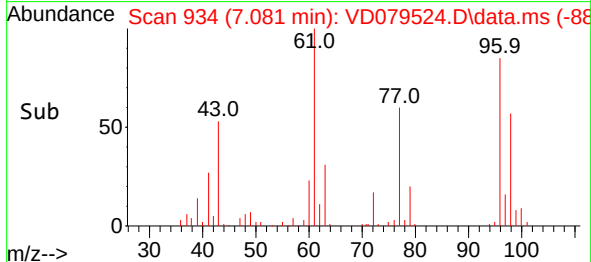
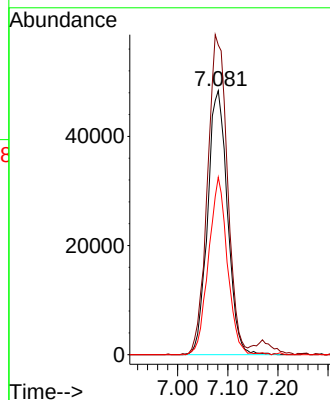
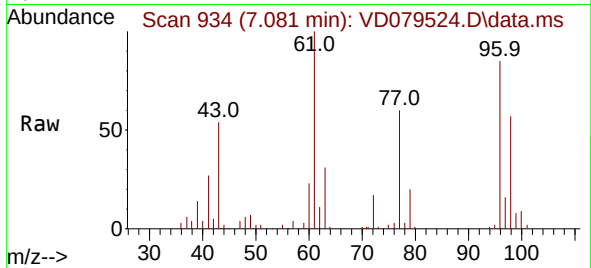




#27
 cis-1,2-Dichloroethene
 Concen: 70.318 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

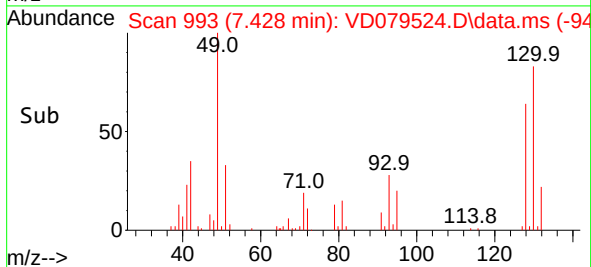
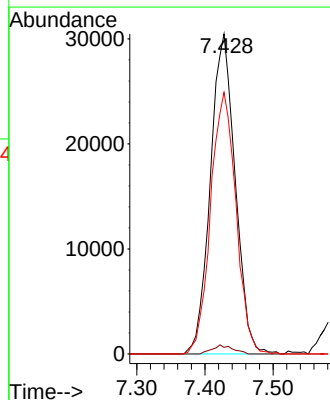
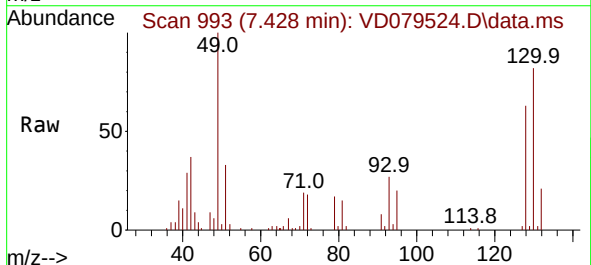
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

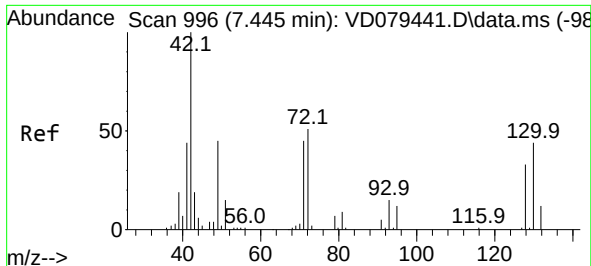
Tgt Ion: 96 Resp: 133360
 Ion Ratio Lower Upper
 96 100
 61 122.1 0.0 229.0
 98 63.5 0.0 127.2



#28
 Bromochloromethane
 Concen: 60.584 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

Tgt Ion: 49 Resp: 77257
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 7.0
 130 83.5 87.7 131.5#

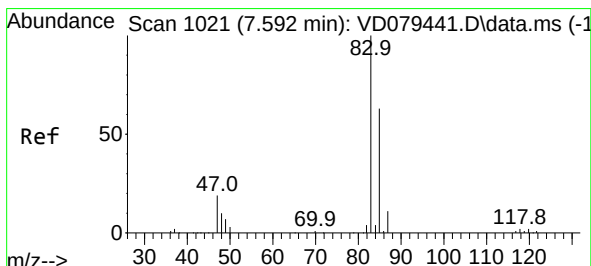
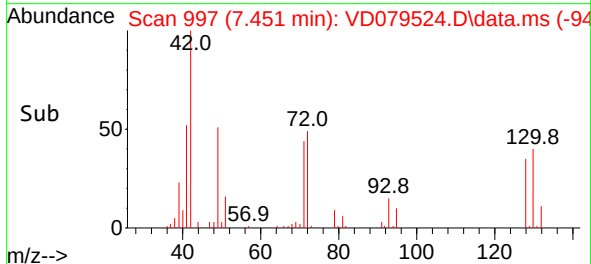
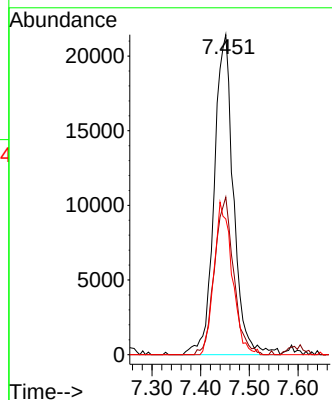
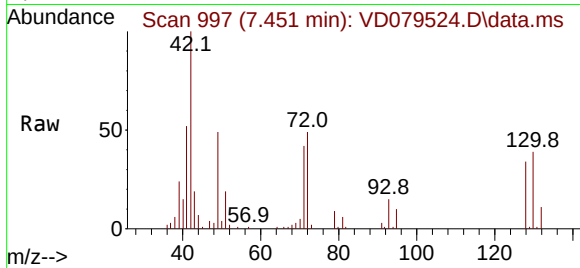




#29
Tetrahydrofuran
Concen: 249.420 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

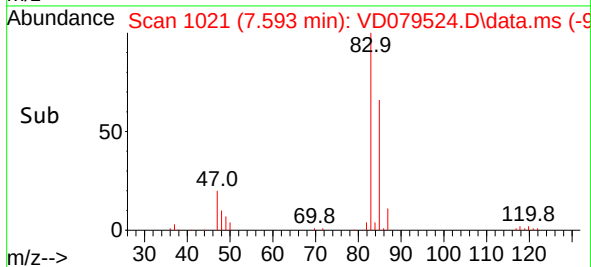
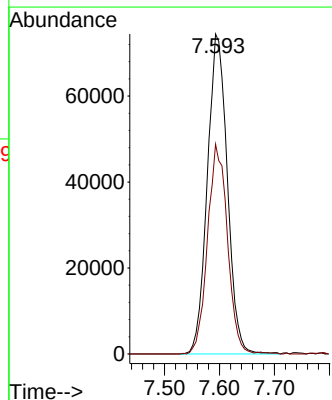
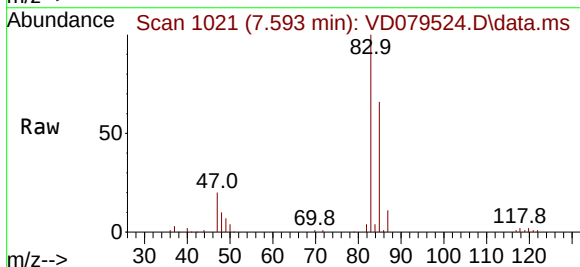
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

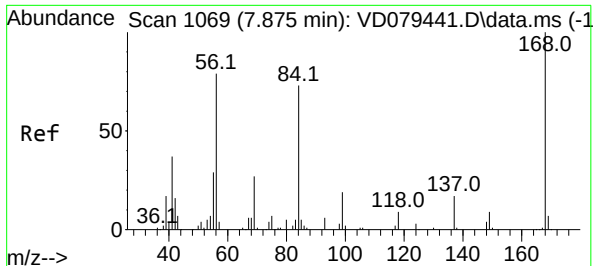
Tgt Ion: 42 Resp: 59142
Ion Ratio Lower Upper
42 100
72 48.7 49.4 74.0#
71 44.9 45.0 67.6#



#30
Chloroform
Concen: 63.830 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 83 Resp: 187974
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6

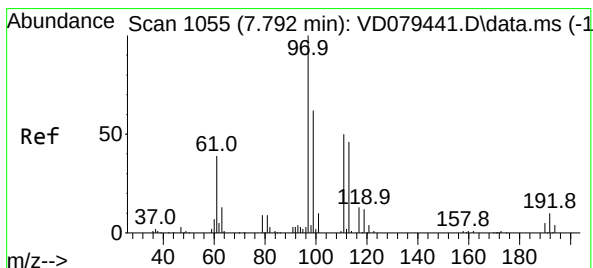
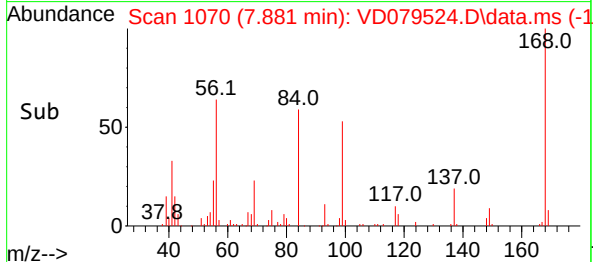
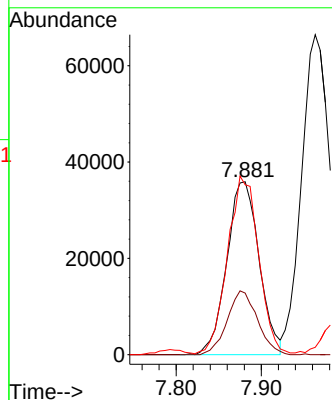
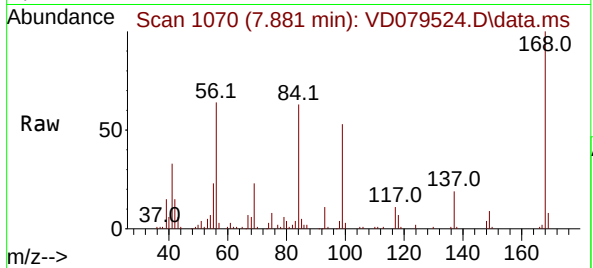




#31
Cyclohexane
Concen: 41.164 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

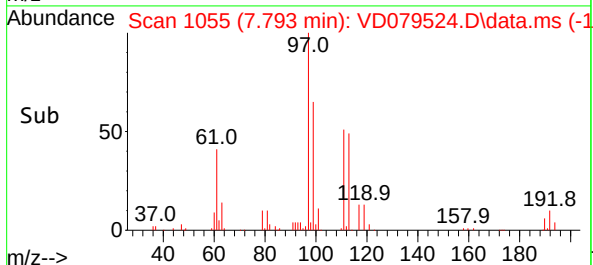
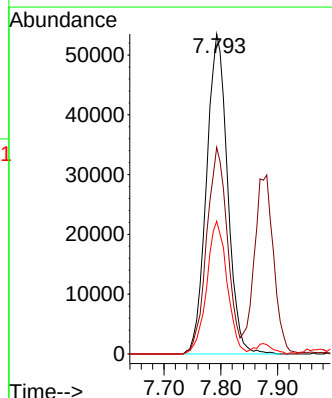
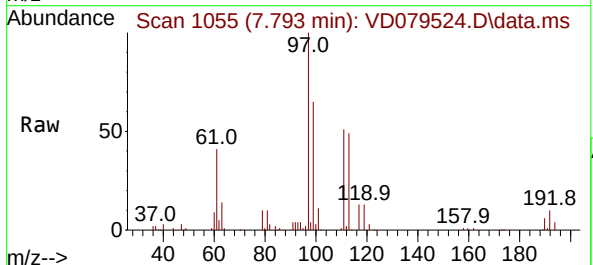
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

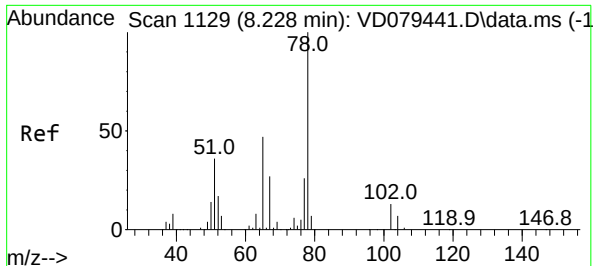
Tgt Ion: 56 Resp: 94938
Ion Ratio Lower Upper
56 100
69 35.6 28.0 42.0
84 95.8 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 56.448 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 97 Resp: 137172
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 40.2 31.4 47.2

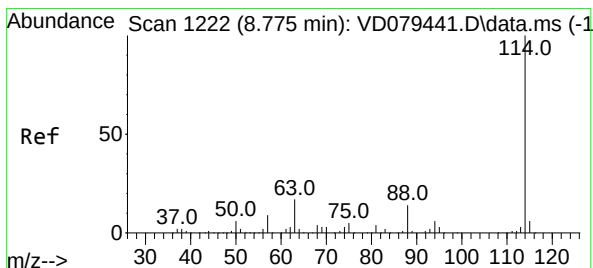
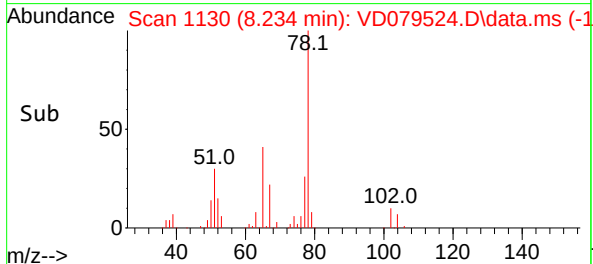
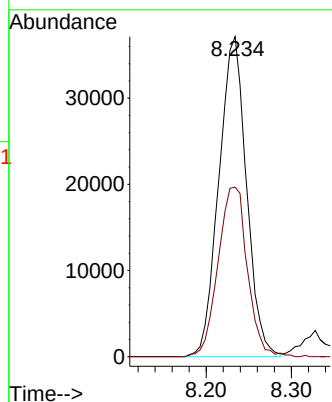
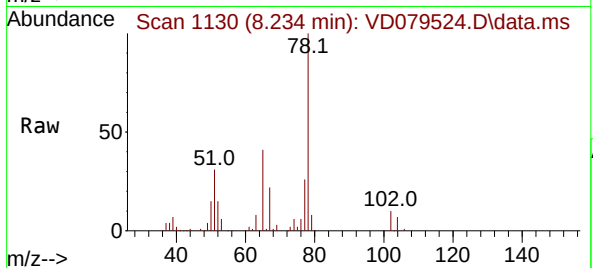




#33
 1,2-Dichloroethane-d4
 Concen: 60.226 ug/l
 RT: 8.234 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

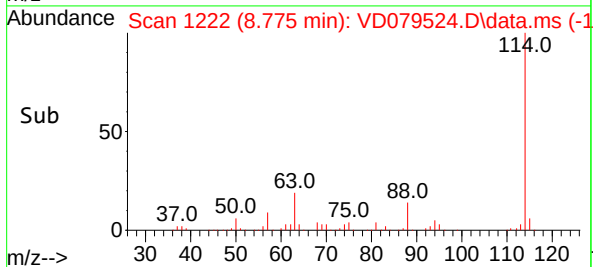
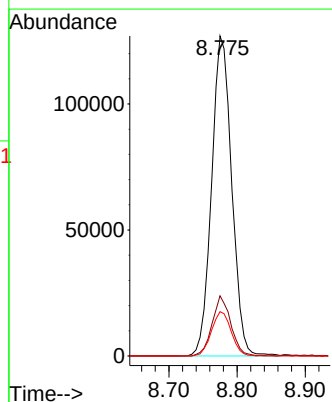
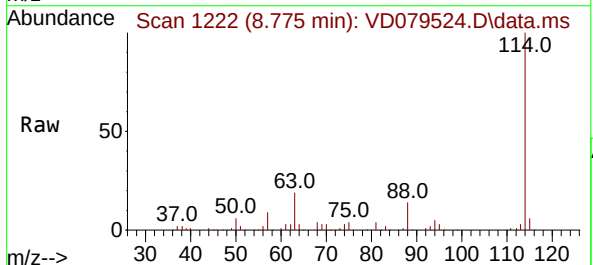
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

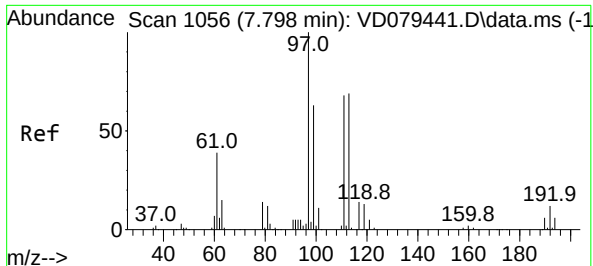
Tgt Ion: 65 Resp: 83636
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

Tgt Ion: 114 Resp: 261076
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.0
 88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 53.308 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079524.D

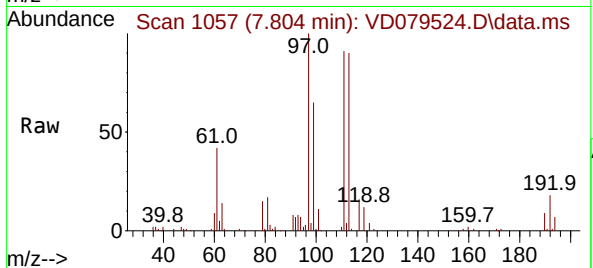
Acq: 01 Aug 2024 05:52

Instrument :

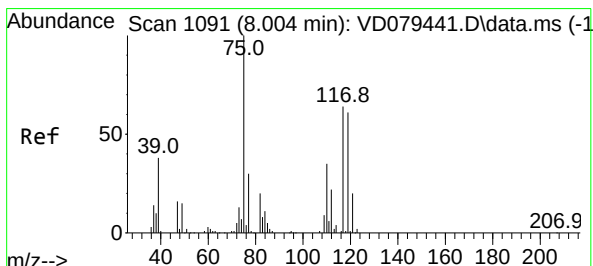
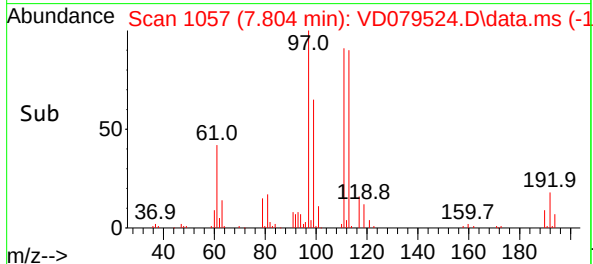
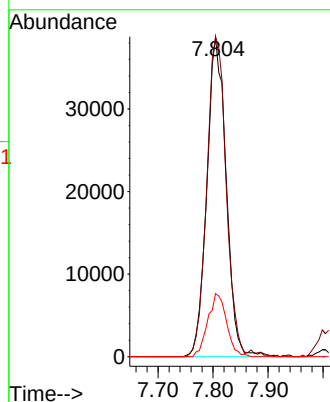
MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD



Tgt Ion:	113	Resp:	94199
Ion	Ratio	Lower	Upper
113	100		
111	100.7	84.0	126.0
192	19.2	15.4	23.0



#36

1,1-Dichloropropene

Concen: 44.961 ug/l

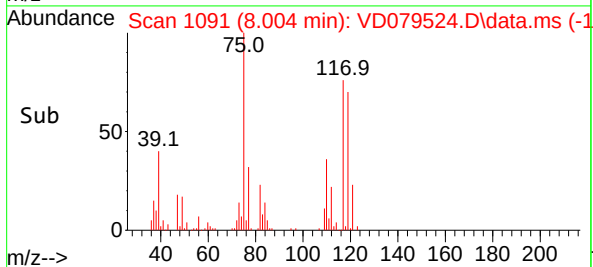
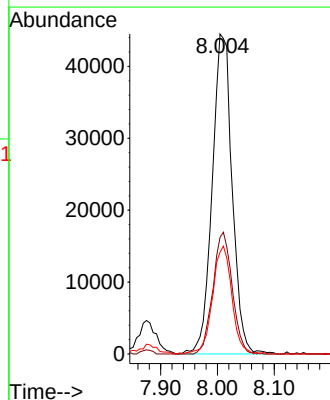
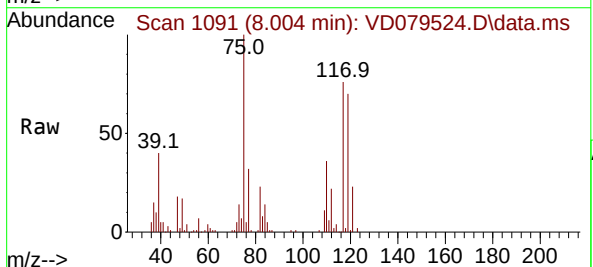
RT: 8.004 min Scan# 1091

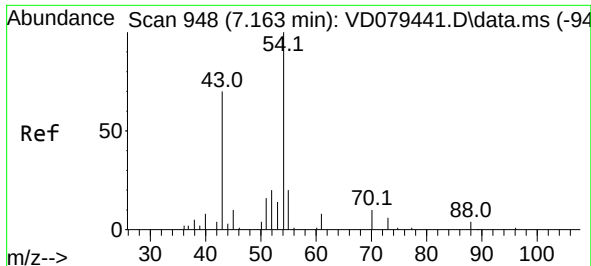
Delta R.T. -0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion:	75	Resp:	108440
Ion	Ratio	Lower	Upper
75	100		
110	36.8	19.6	58.7
77	32.5	26.1	39.1





#37

Ethyl Acetate

Concen: 41.182 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

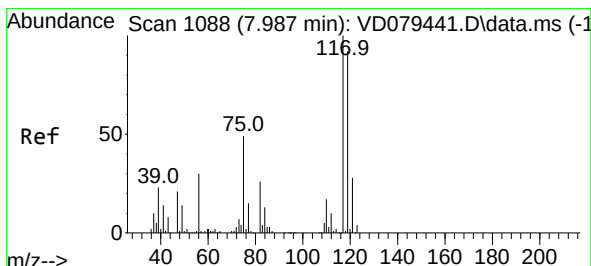
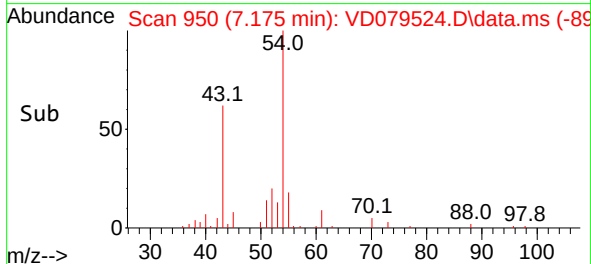
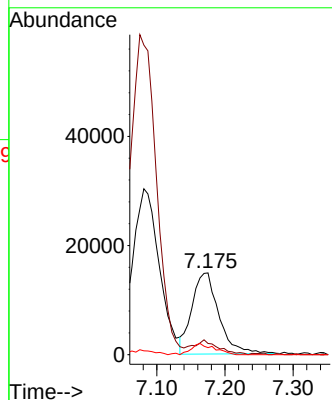
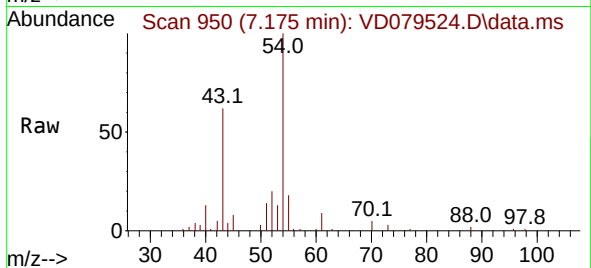
Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 43	Resp:	40724
Ion	Ratio	Lower Upper
43	100	
61	16.9	13.9 20.9
70	12.0	9.8 14.6



#38

Carbon Tetrachloride

Concen: 45.935 ug/l

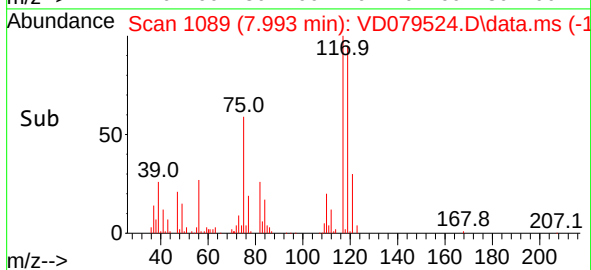
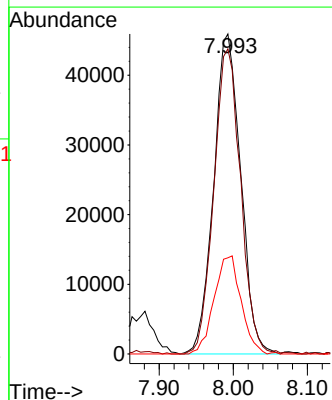
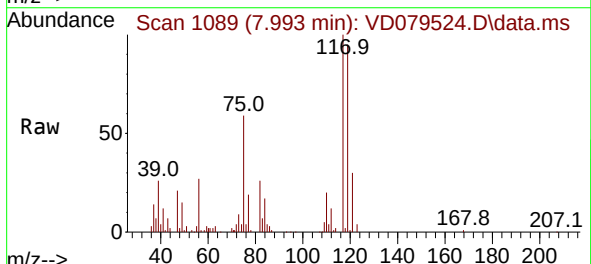
RT: 7.993 min Scan# 1089

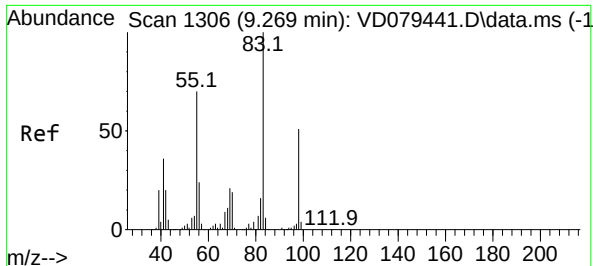
Delta R.T. 0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion: 117	Resp:	116467
Ion	Ratio	Lower Upper
117	100	
119	95.3	75.4 113.0
121	30.1	25.0 37.4





#39

Methylcyclohexane

Concen: 36.850 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079524.D

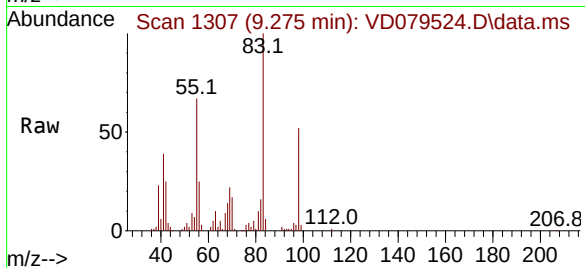
Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD



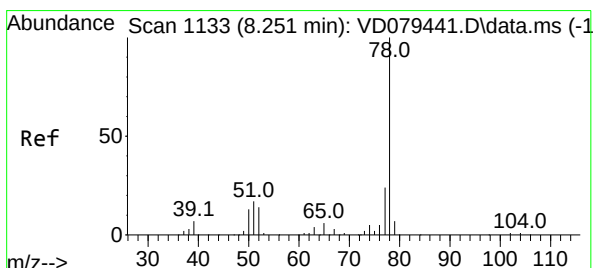
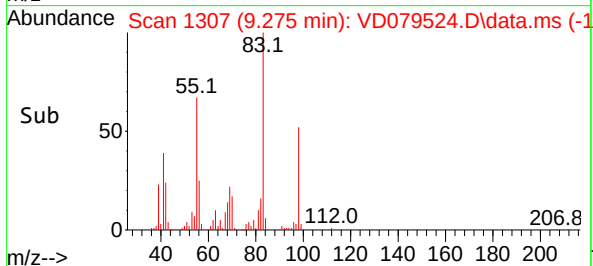
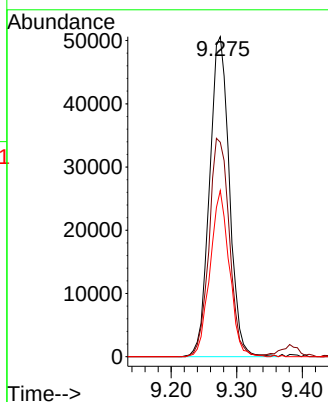
Tgt Ion: 83 Resp: 106044

Ion Ratio Lower Upper

83 100

55 67.0 50.1 75.1

98 51.9 41.9 62.9



#40

Benzene

Concen: 54.047 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079524.D

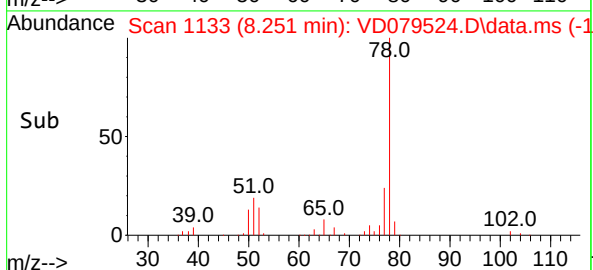
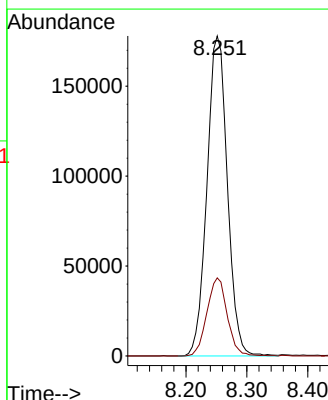
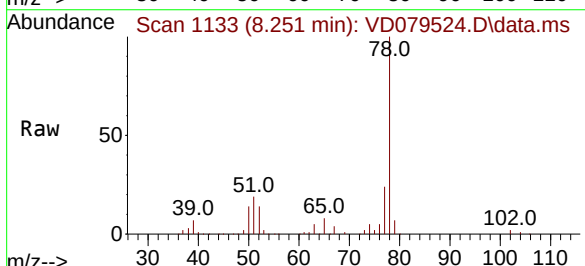
Acq: 01 Aug 2024 05:52

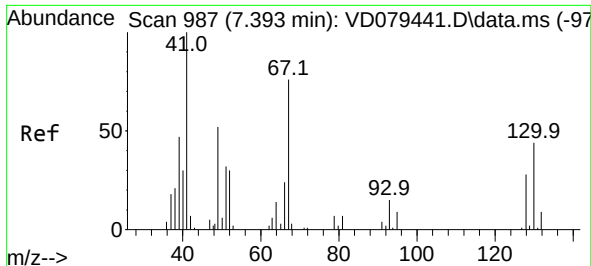
Tgt Ion: 78 Resp: 414033

Ion Ratio Lower Upper

78 100

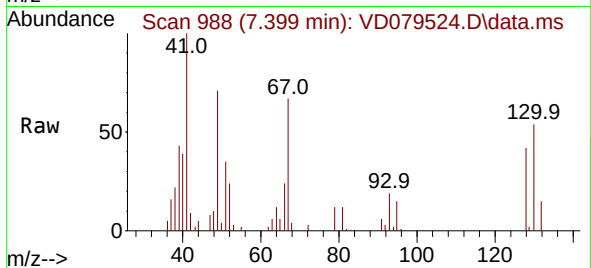
77 24.4 18.1 27.1



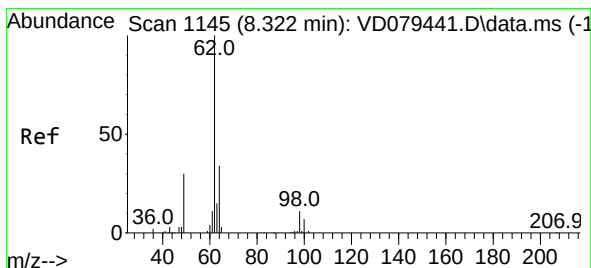
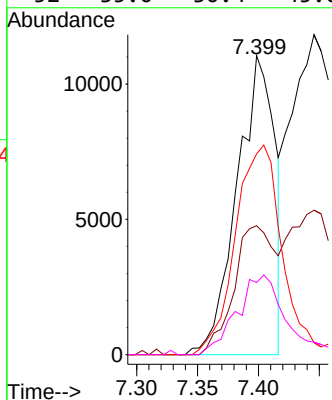
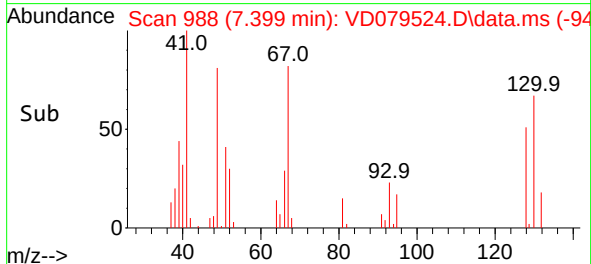


#41
Methacrylonitrile
Concen: 43.823 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

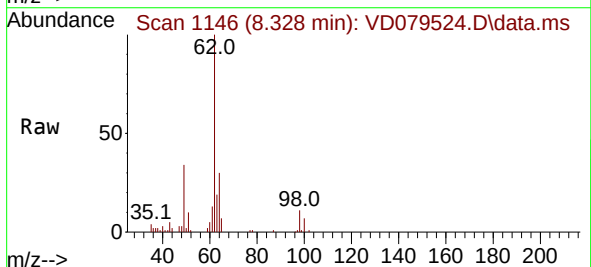
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD



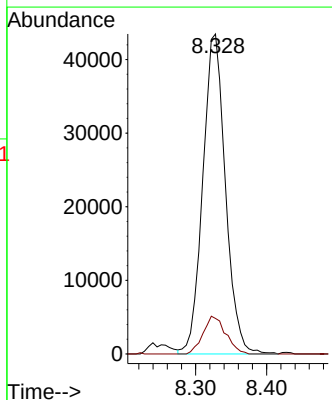
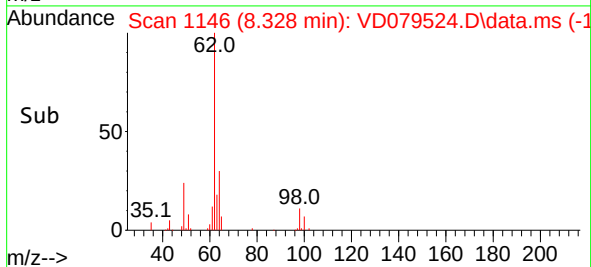
Tgt Ion: 41 Resp: 23837
Ion Ratio Lower Upper
41 100
39 47.3 41.4 62.0
67 86.5 85.8 128.6
52 35.0 30.4 45.6

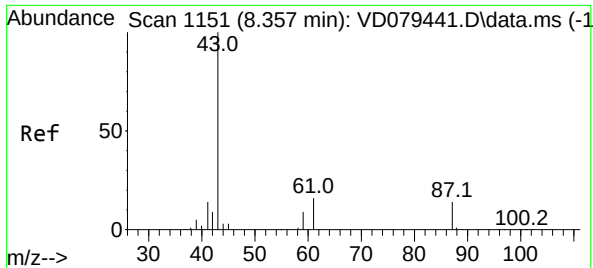


#42
1,2-Dichloroethane
Concen: 52.794 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52



Tgt Ion: 62 Resp: 96374
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.8

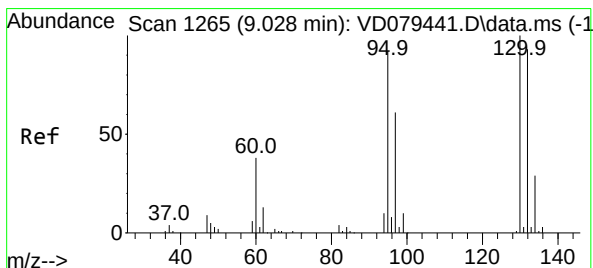
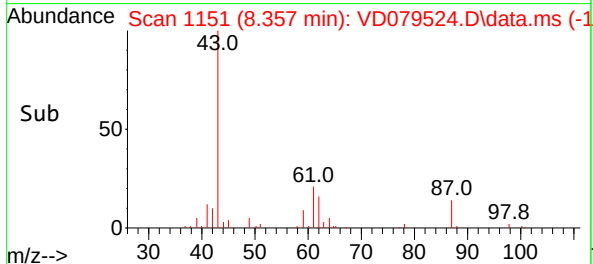
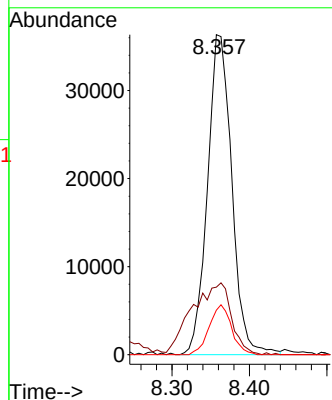
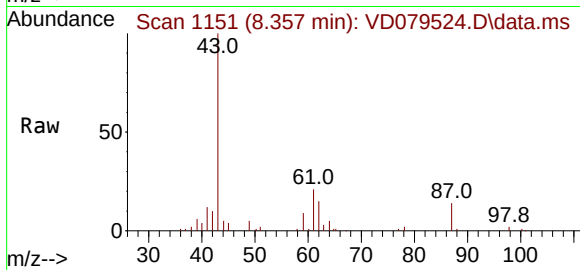




#43
Isopropyl Acetate
Concen: 42.789 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

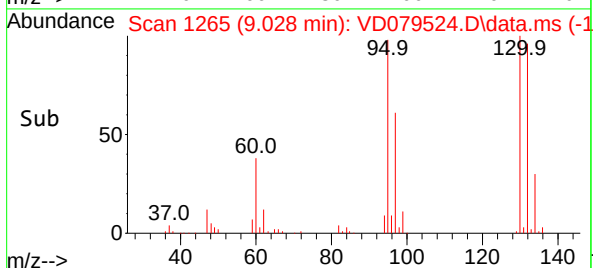
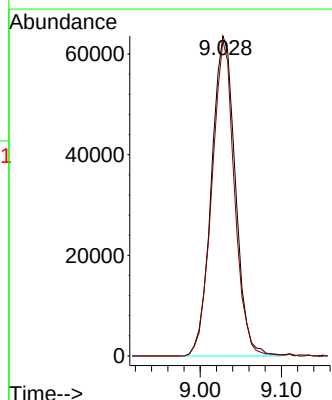
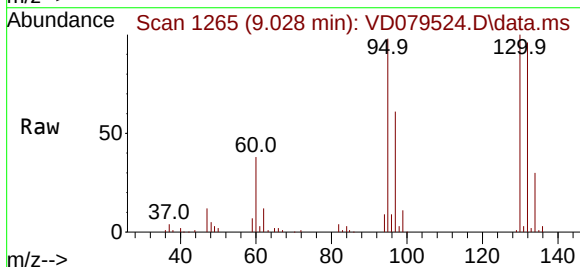
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

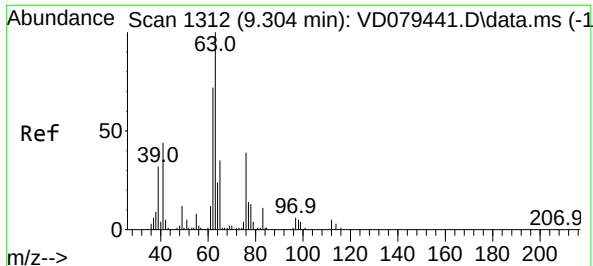
Tgt Ion:	43	Resp:	79524
Ion Ratio	Lower	Upper	
43	100		
61	36.2	29.3	43.9
87	14.4	14.9	22.3



#44
Trichloroethene
Concen: 68.026 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:	130	Resp:	129724
Ion Ratio	Lower	Upper	
130	100		
95	98.4	0.0	177.8





#45

1,2-Dichloropropane

Concen: 55.150 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

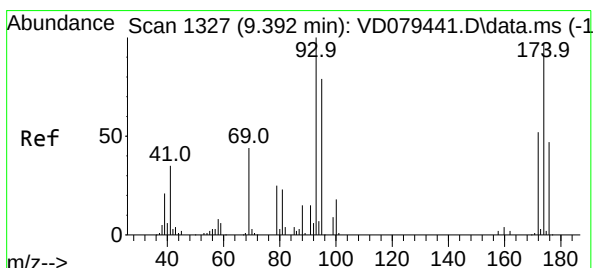
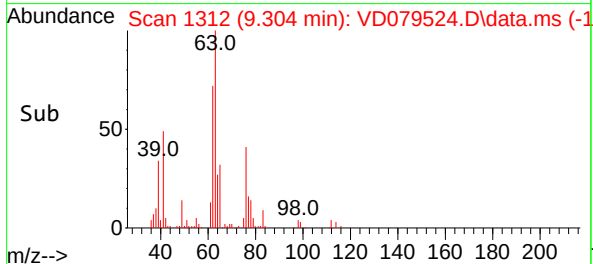
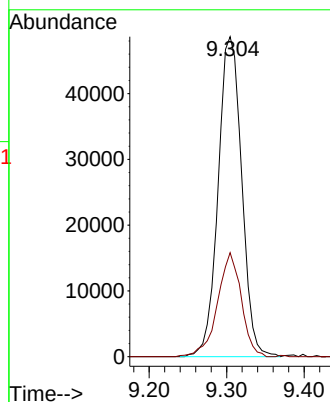
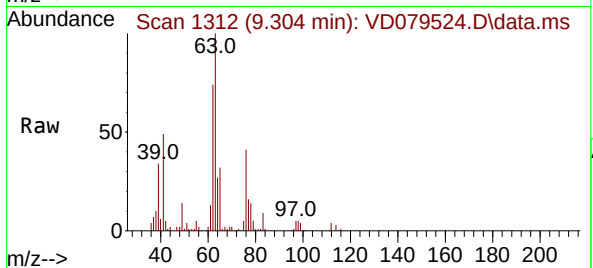
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 63 Resp: 102813

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.8



#46

Dibromomethane

Concen: 53.321 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

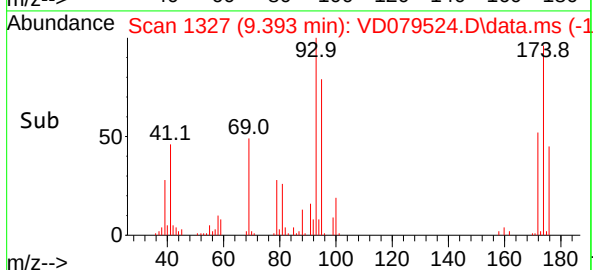
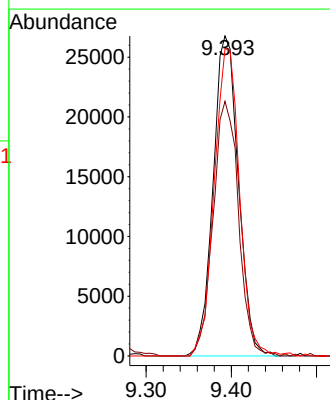
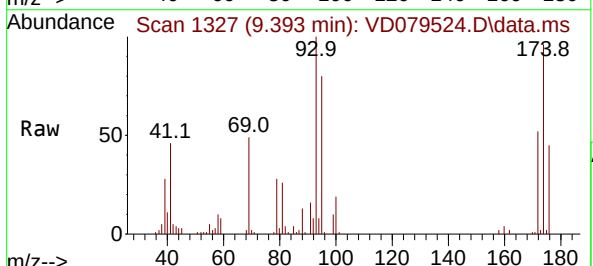
Tgt Ion: 93 Resp: 55107

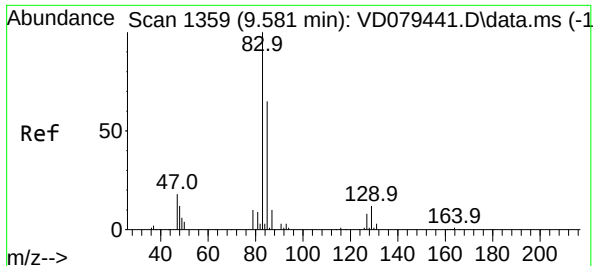
Ion Ratio Lower Upper

93 100

95 80.0 65.6 98.4

174 96.3 82.3 123.5





#47

Bromodichloromethane

Concen: 55.046 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

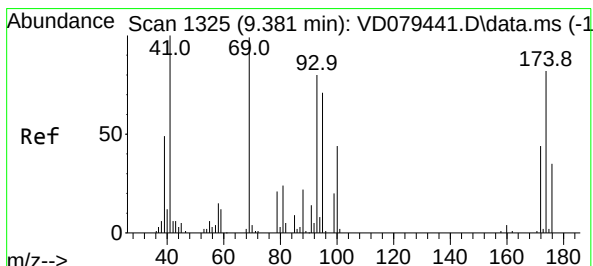
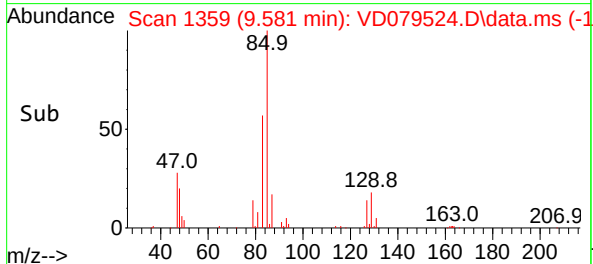
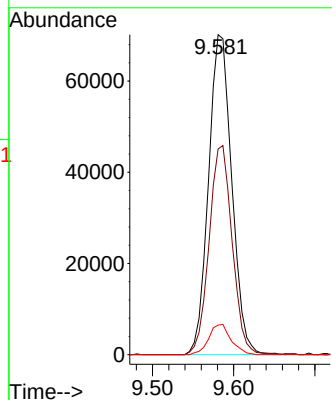
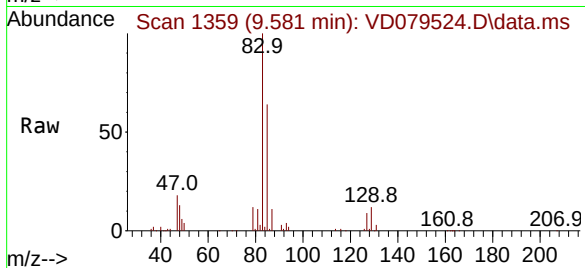
Tgt Ion: 83 Resp: 139688

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

127 9.3 6.8 10.2



#48

Methyl methacrylate

Concen: 47.847 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

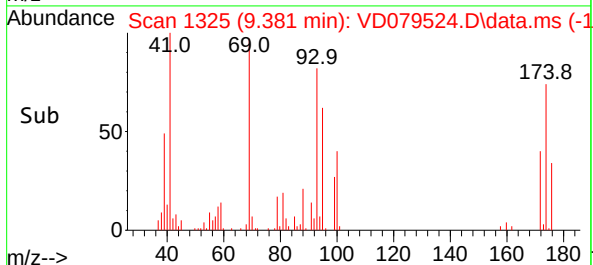
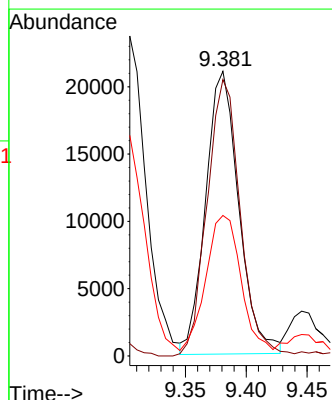
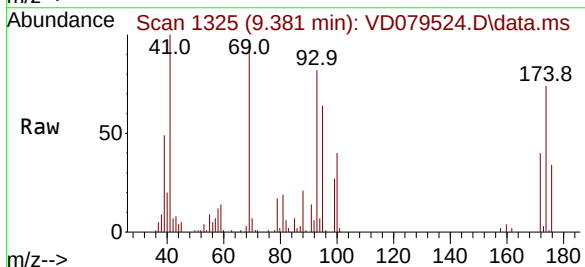
Tgt Ion: 41 Resp: 39796

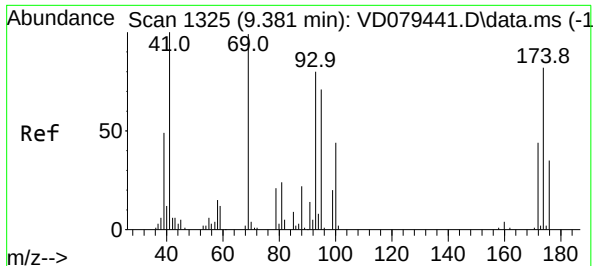
Ion Ratio Lower Upper

41 100

69 97.7 96.7 145.1

39 54.2 43.8 65.6

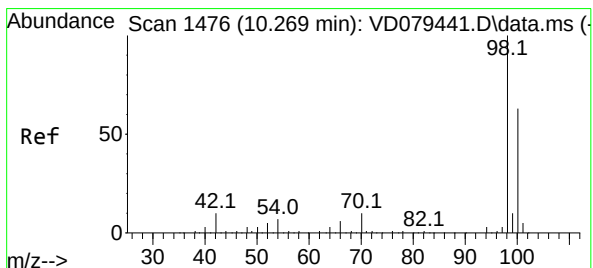
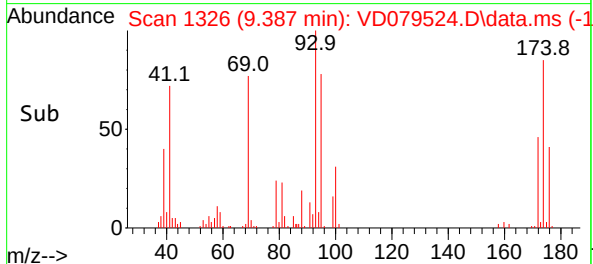
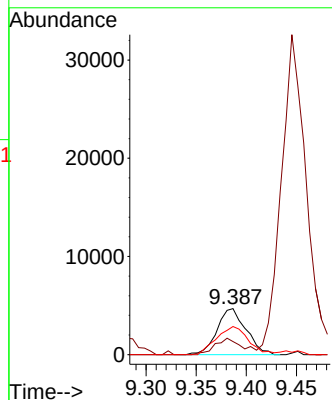
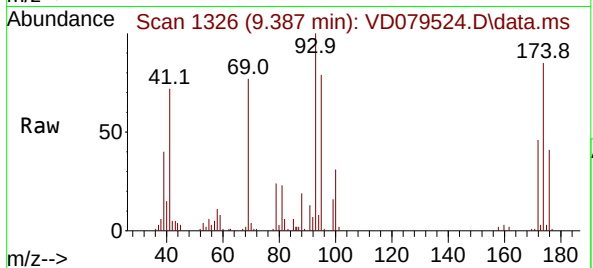




#49
1,4-Dioxane
Concen: 880.103 ug/l
RT: 9.387 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

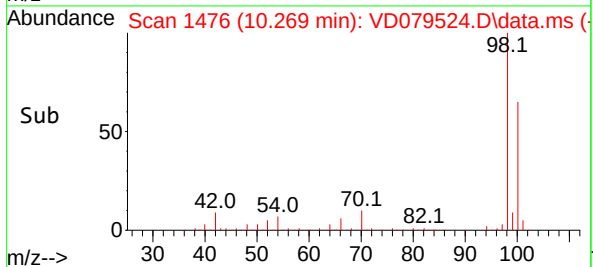
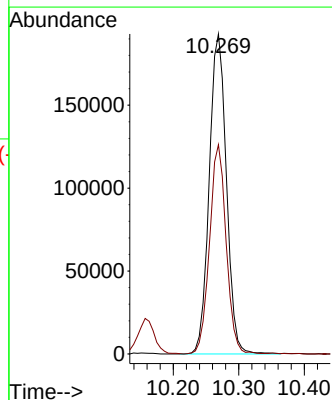
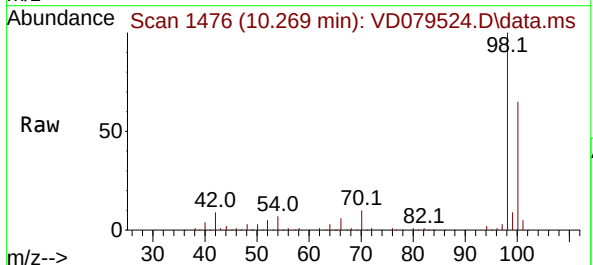
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

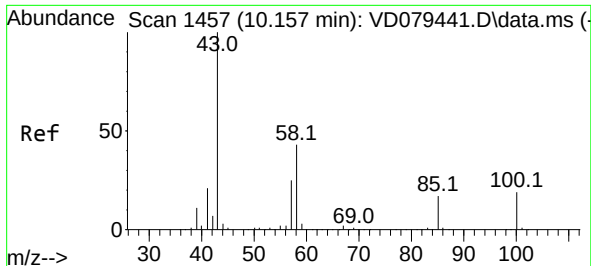
Tgt Ion: 88 Resp: 9425
Ion Ratio Lower Upper
88 100
43 33.8 21.5 32.3#
58 67.2 42.2 63.4#



#50
Toluene-d8
Concen: 51.104 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 98 Resp: 350689
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4

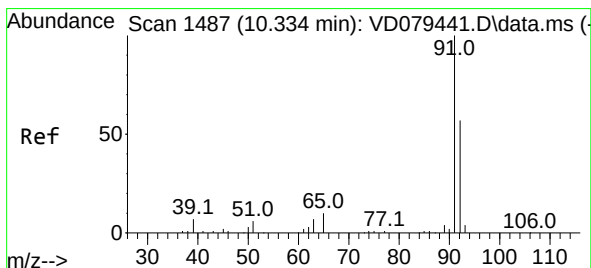
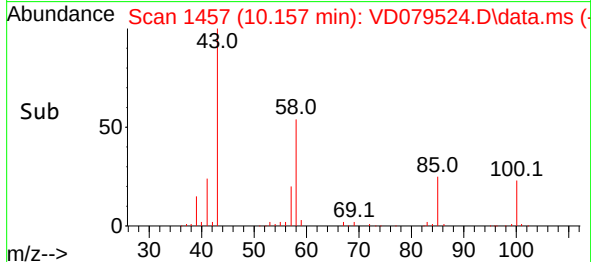
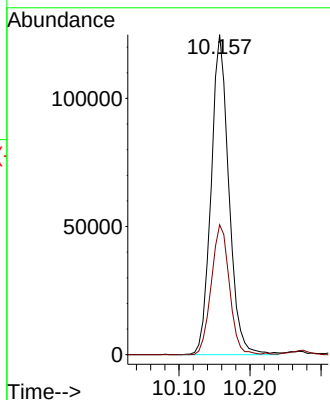
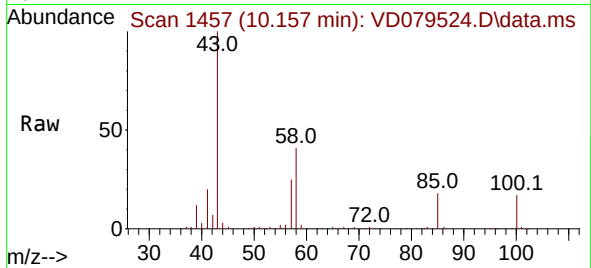




#51
4-Methyl-2-Pentanone
Concen: 228.052 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

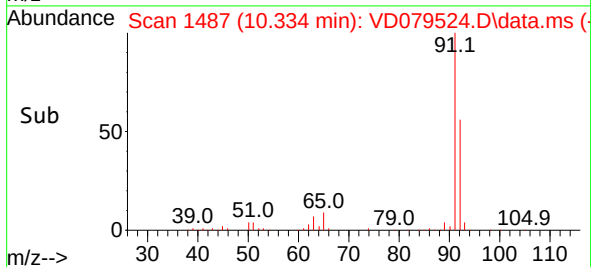
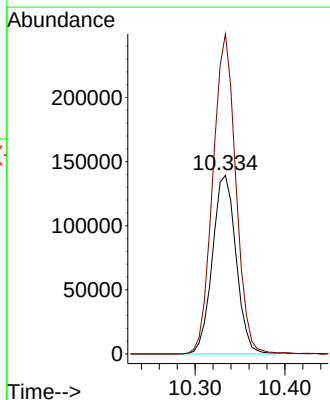
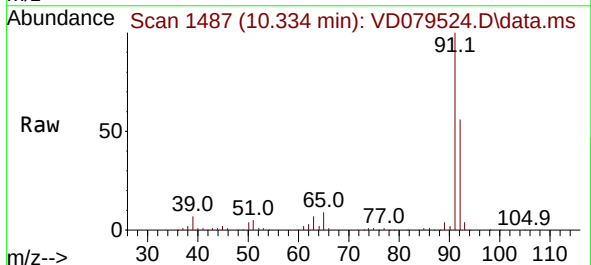
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

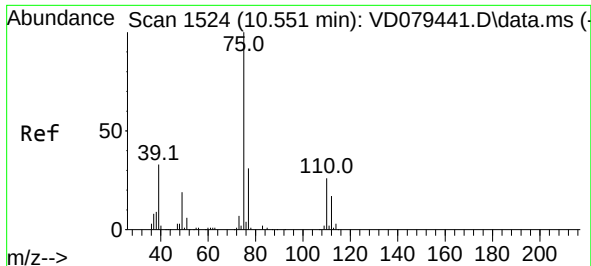
Tgt Ion: 43 Resp: 216390
Ion Ratio Lower Upper
43 100
58 41.3 36.6 55.0



#52
Toluene
Concen: 53.770 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 92 Resp: 254752
Ion Ratio Lower Upper
92 100
91 174.3 141.7 212.5

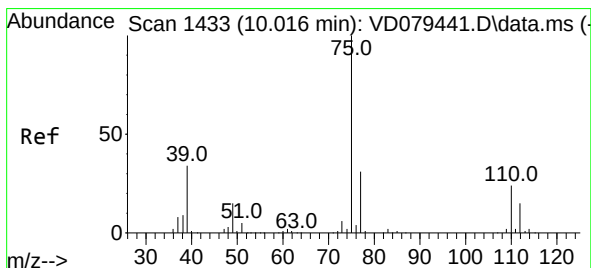
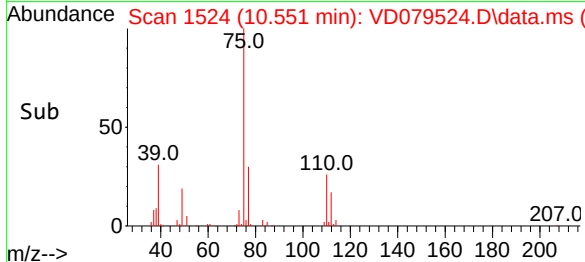
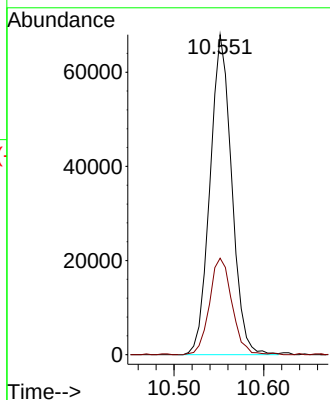
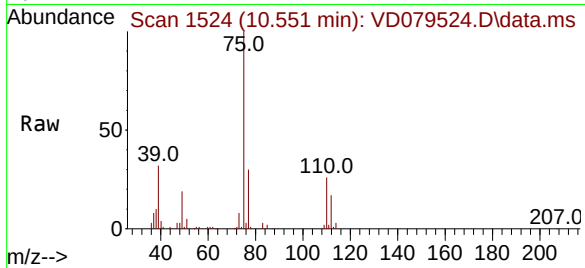




#53
t-1,3-Dichloropropene
Concen: 48.764 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

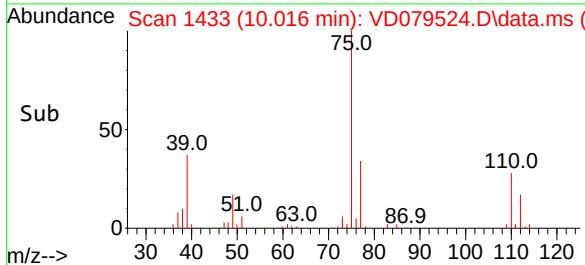
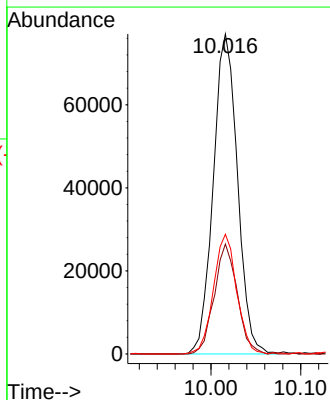
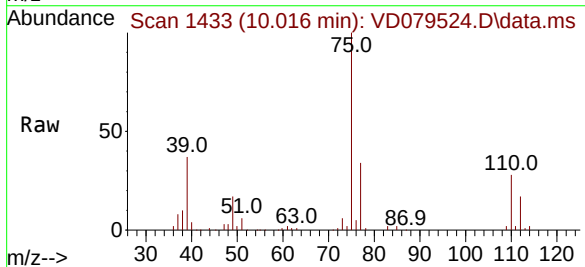
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

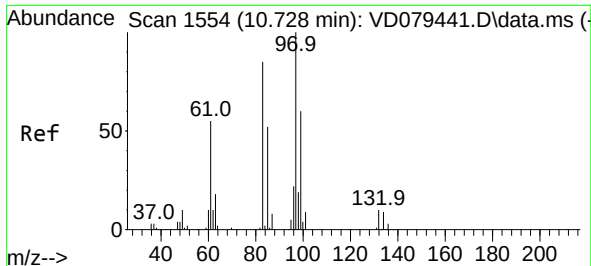
Tgt Ion: 75 Resp: 114278
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 51.238 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 75 Resp: 144434
Ion Ratio Lower Upper
75 100
77 34.3 24.4 36.6
39 37.4 24.2 36.2#

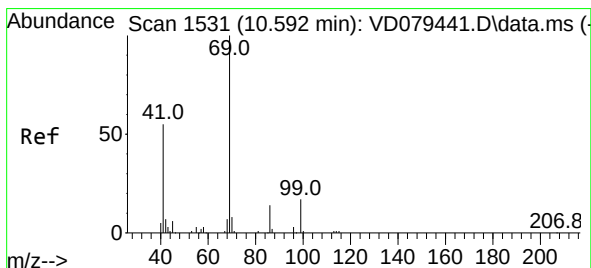
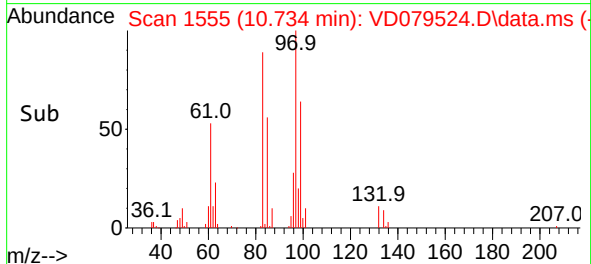
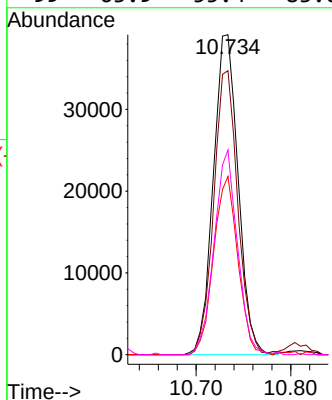
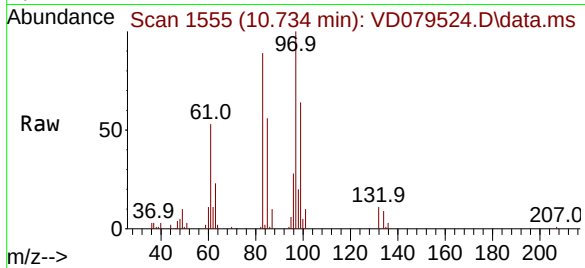




#55
1,1,2-Trichloroethane
Concen: 52.591 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

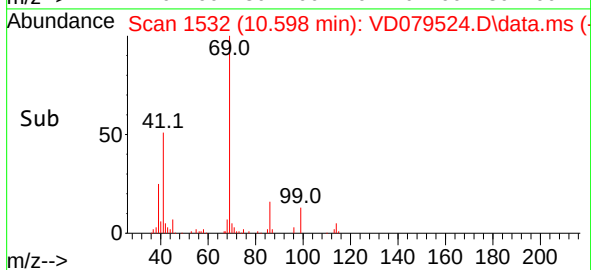
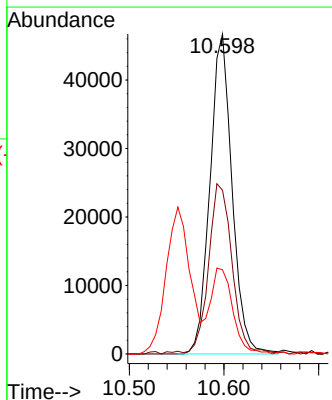
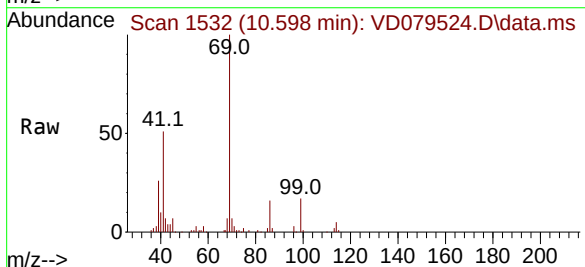
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

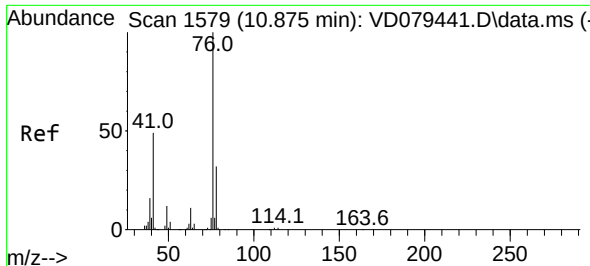
Tgt Ion:	97	Resp:	71598
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.8	98.8
85	55.7	43.8	65.8
99	63.9	55.4	83.0



#56
Ethyl methacrylate
Concen: 46.962 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:	69	Resp:	75755
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.8	59.6
39	27.9	20.2	30.4

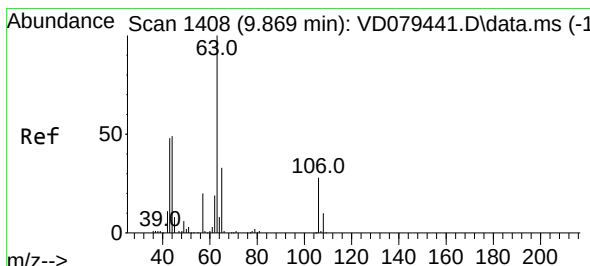
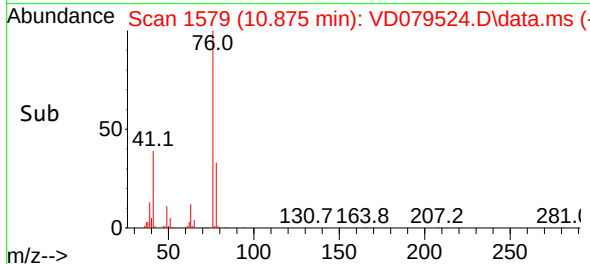
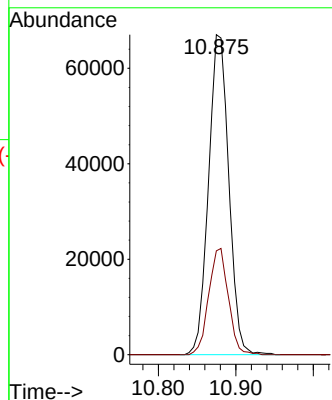
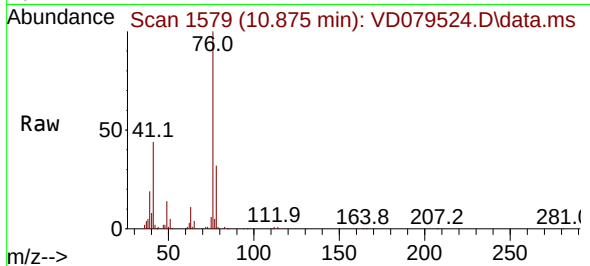




#57
1,3-Dichloropropane
Concen: 52.689 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

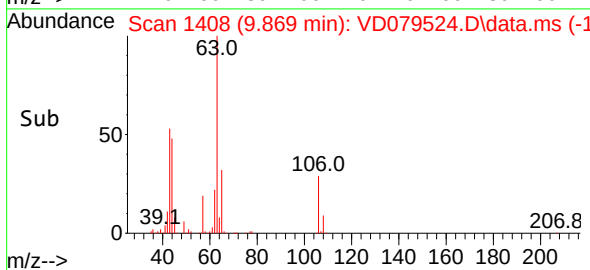
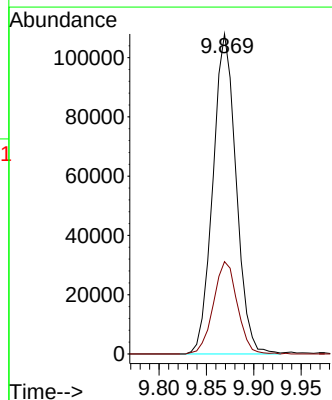
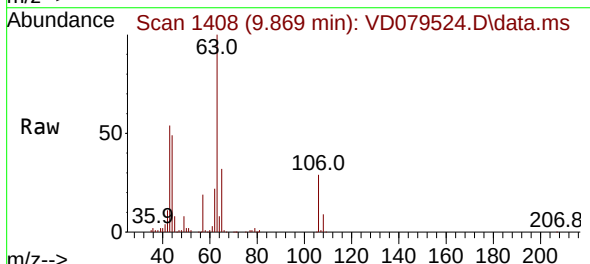
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

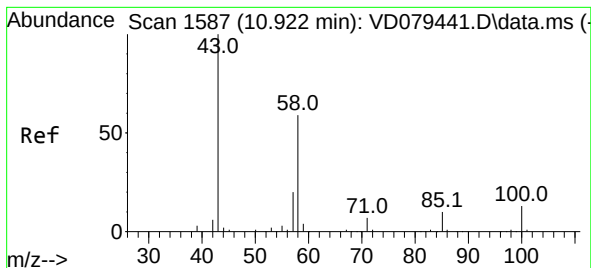
Tgt Ion: 76 Resp: 121893
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 247.437 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 63 Resp: 184075
Ion Ratio Lower Upper
63 100
106 29.8 26.4 39.6

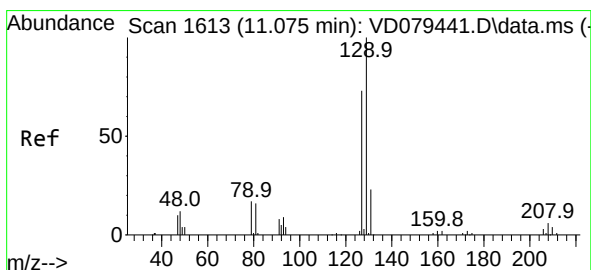
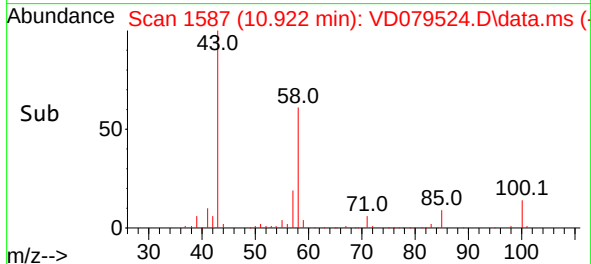
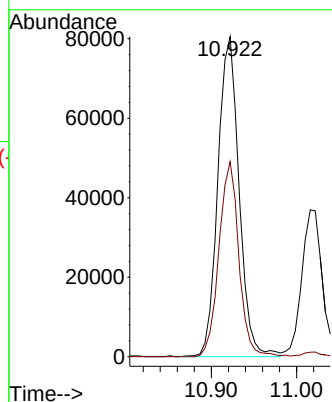
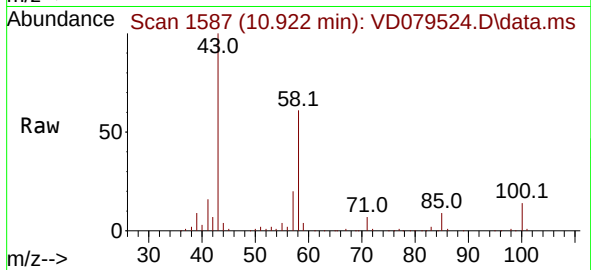




#59
2-Hexanone
Concen: 210.441 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

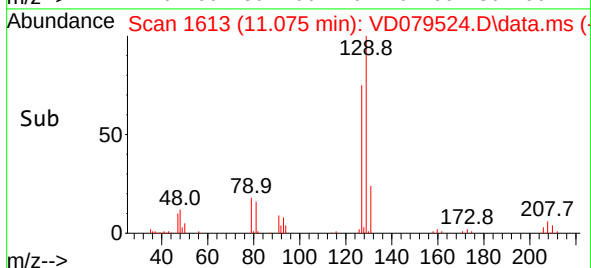
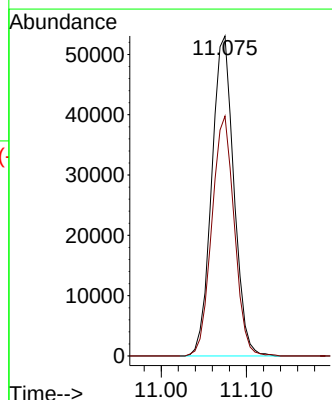
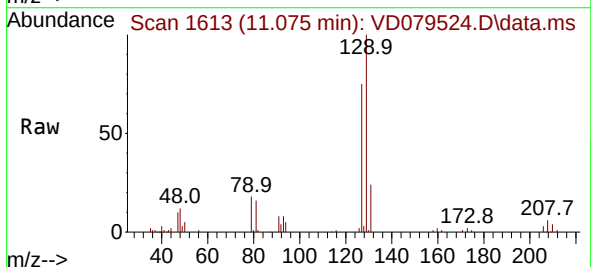
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

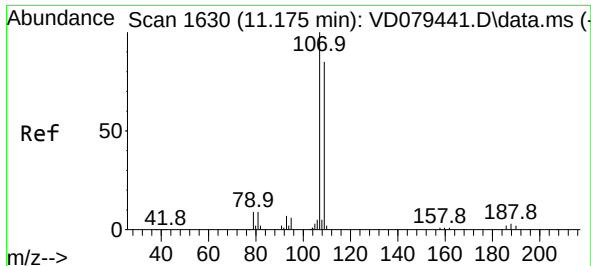
Tgt Ion: 43 Resp: 139261
Ion Ratio Lower Upper
43 100
58 57.3 31.1 93.5



#60
Dibromochloromethane
Concen: 53.835 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:129 Resp: 95745
Ion Ratio Lower Upper
129 100
127 75.8 38.0 113.9

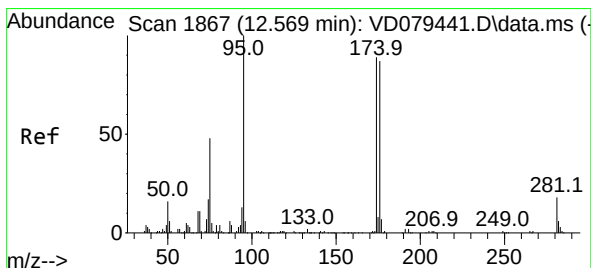
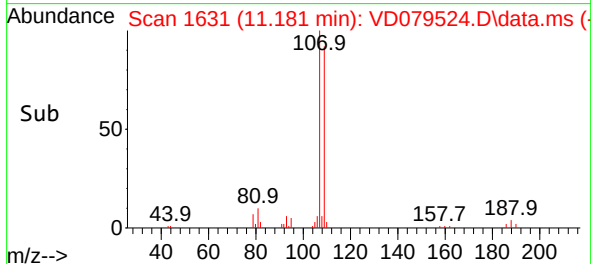
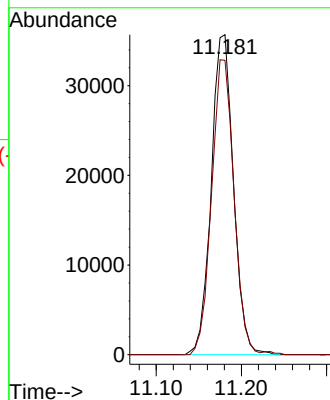
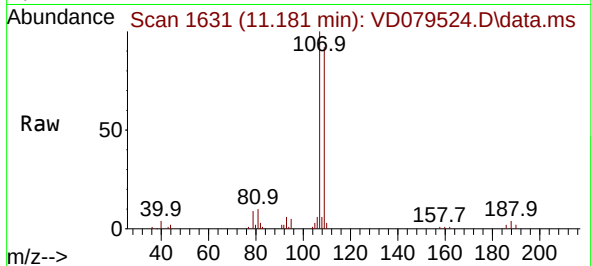




#61
1,2-Dibromoethane
Concen: 50.712 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

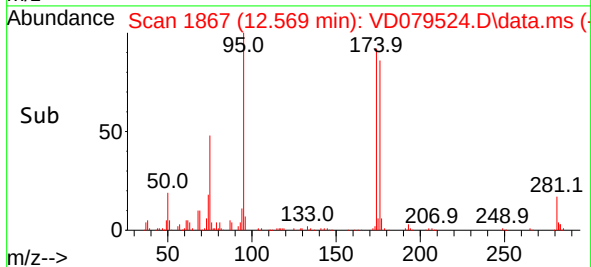
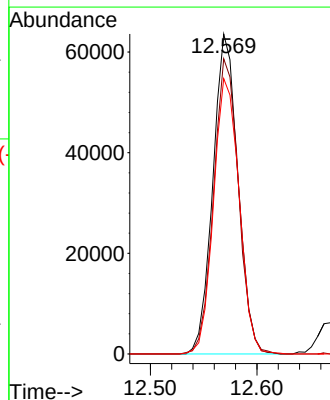
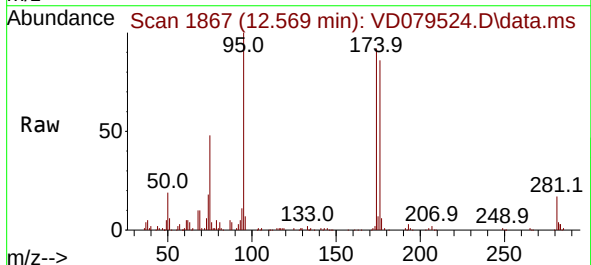
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

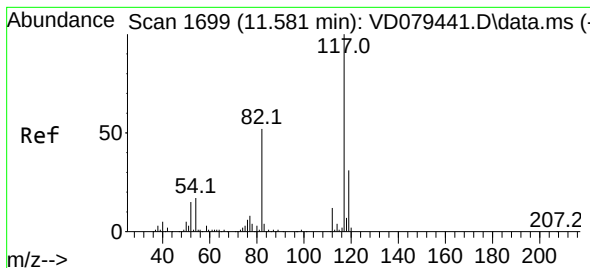
Tgt Ion:107 Resp: 64680
Ion Ratio Lower Upper
107 100
109 93.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 52.244 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 95 Resp: 103746
Ion Ratio Lower Upper
95 100
174 92.2 0.0 195.4
176 88.0 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079524.D

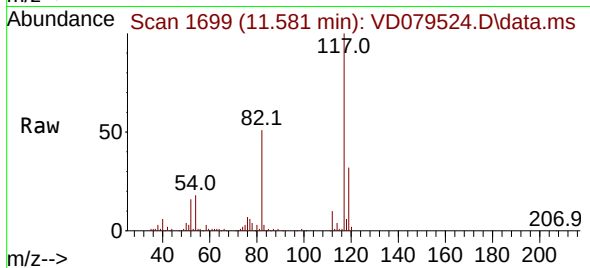
Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD



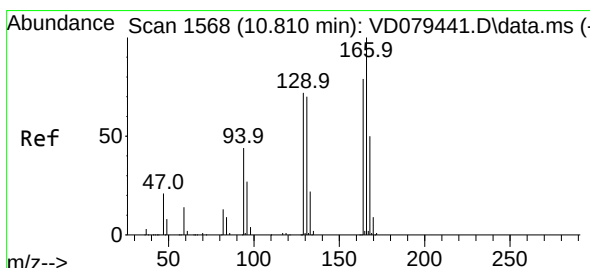
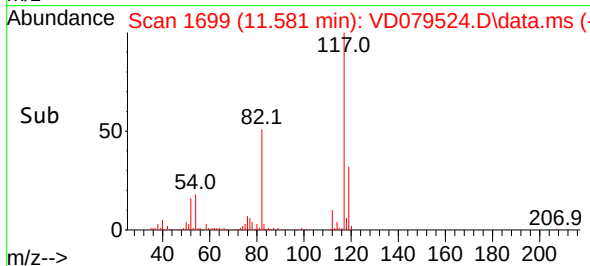
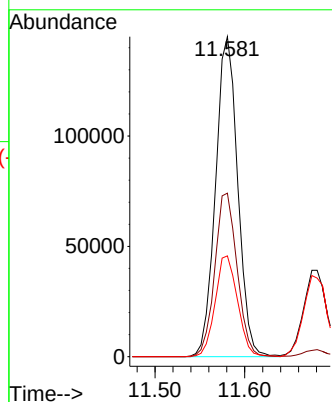
Tgt Ion:117 Resp: 248793

Ion Ratio Lower Upper

117 100

82 51.1 39.8 59.6

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 51.515 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion:164 Resp: 86422

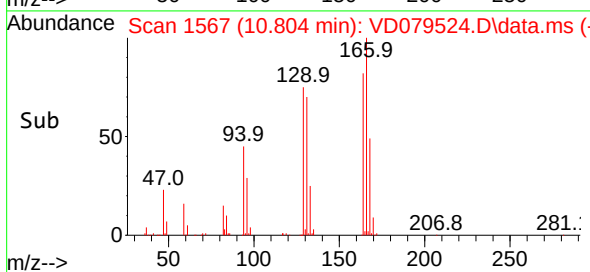
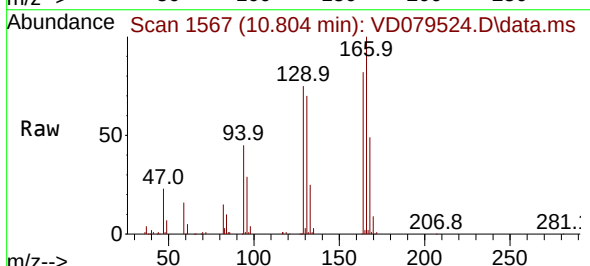
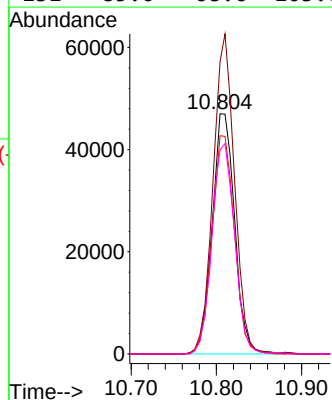
Ion Ratio Lower Upper

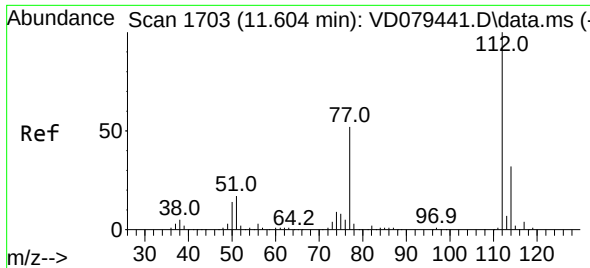
164 100

166 121.7 108.6 163.0

129 90.9 74.6 112.0

131 85.0 68.6 103.0

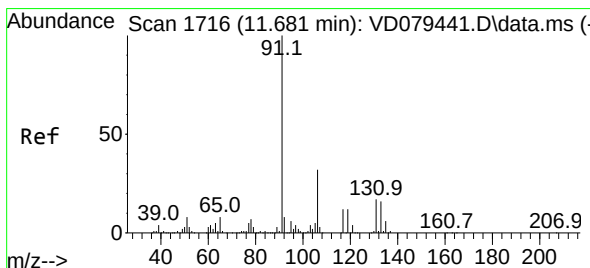
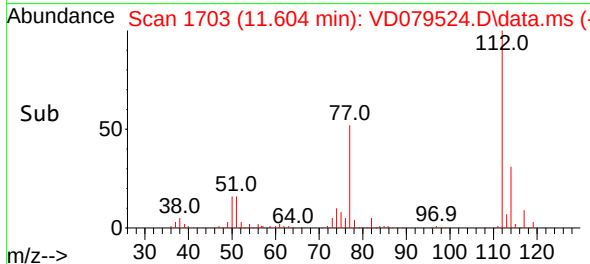
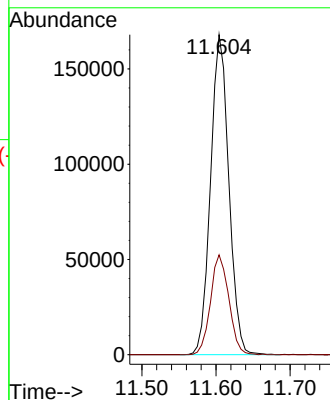
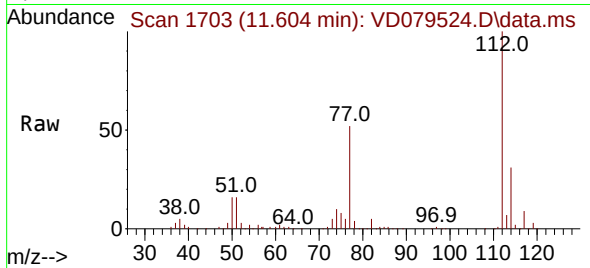




#65
Chlorobenzene
Concen: 52.194 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

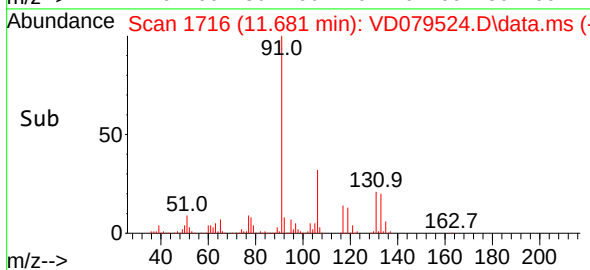
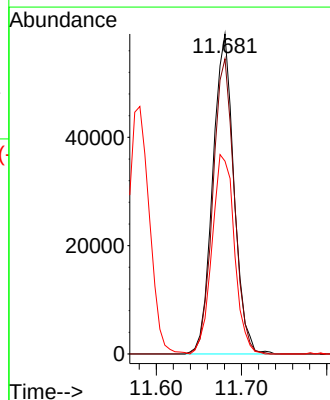
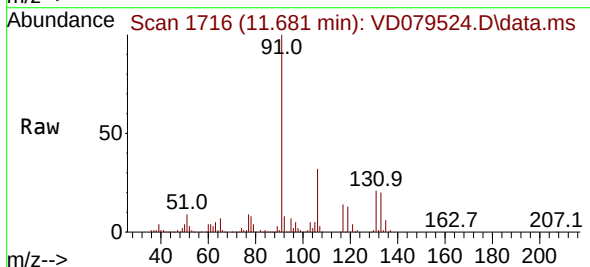
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

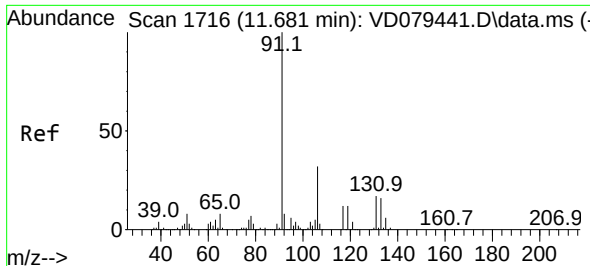
Tgt Ion:112 Resp: 287549
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.329 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:131 Resp: 102102
Ion Ratio Lower Upper
131 100
133 92.6 49.2 147.6
119 65.7 33.4 100.2

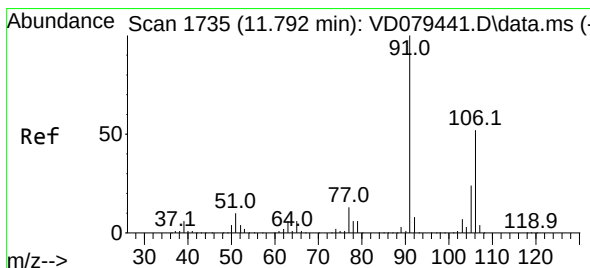
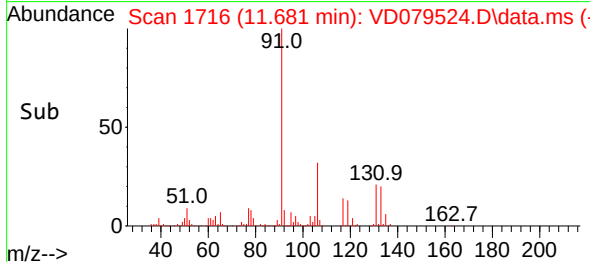
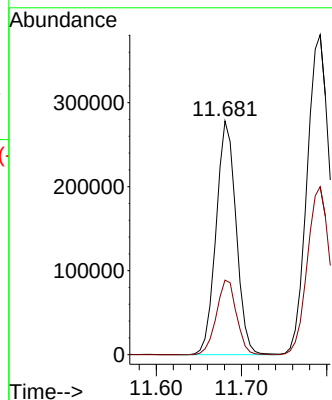
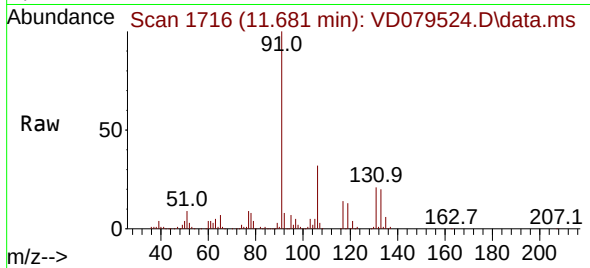




#67
Ethyl Benzene
Concen: 50.321 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

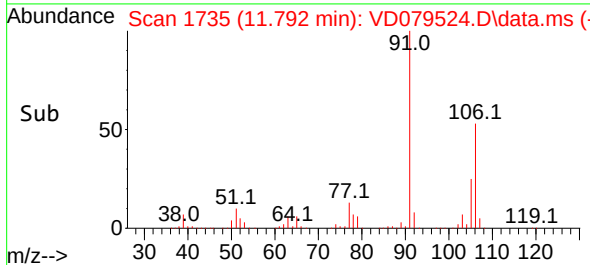
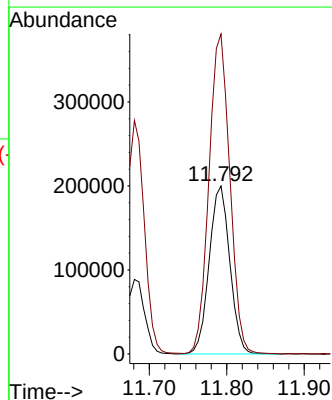
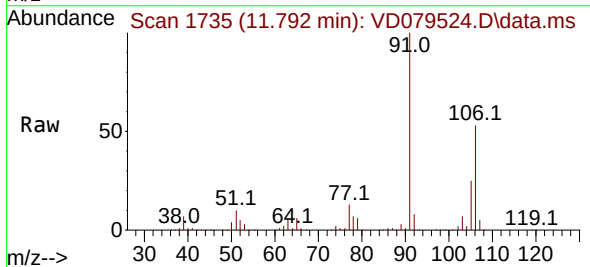
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

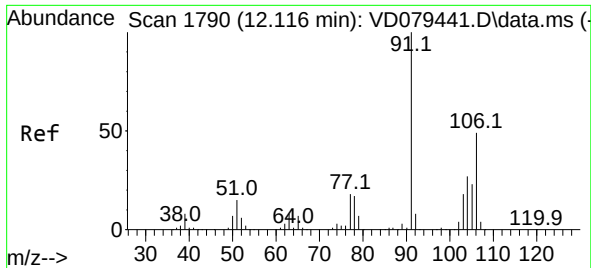
Tgt Ion: 91 Resp: 453838
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 103.318 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:106 Resp: 369685
Ion Ratio Lower Upper
106 100
91 192.9 148.5 222.7

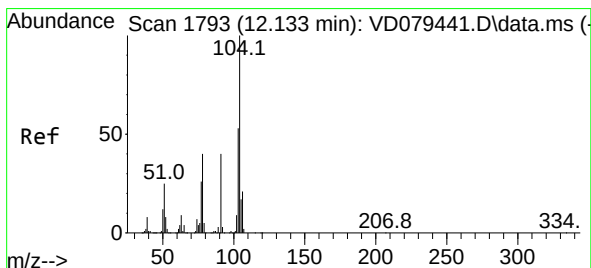
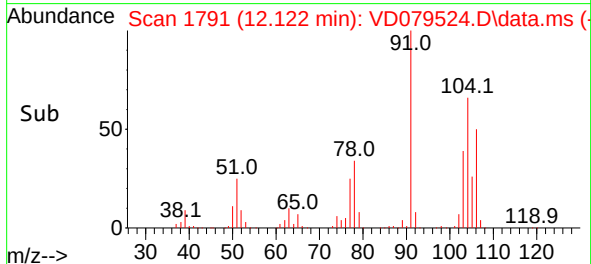
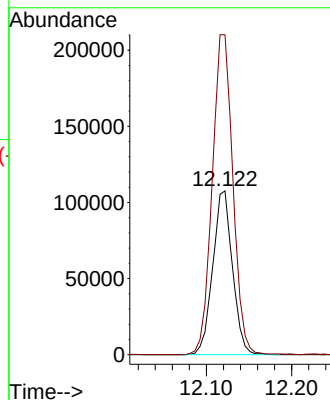
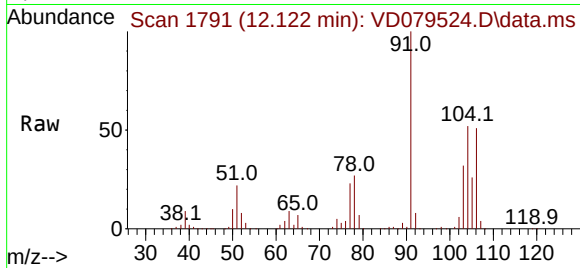




#69
o-Xylene
Concen: 52.676 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

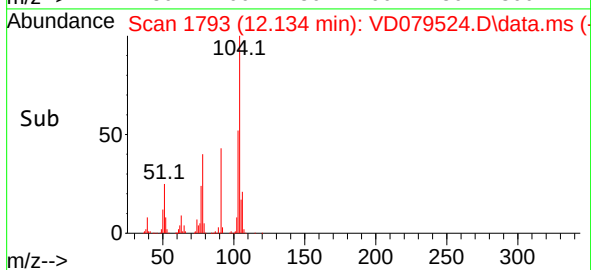
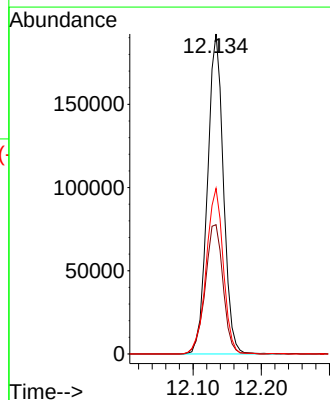
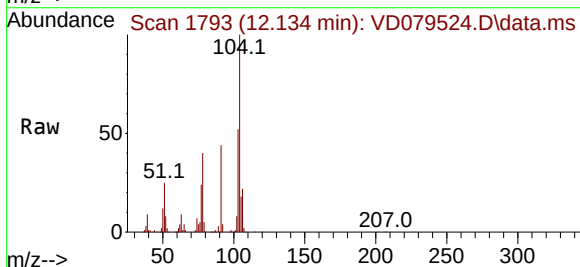
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

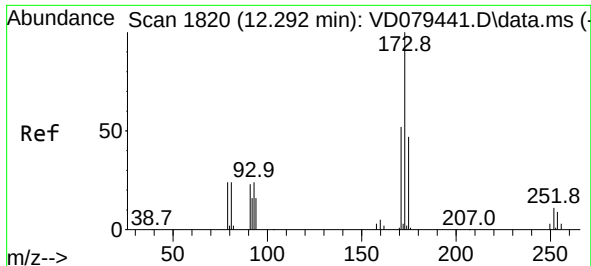
Tgt Ion:106 Resp: 172761
Ion Ratio Lower Upper
106 100
91 205.2 96.7 290.1



#70
Styrene
Concen: 54.292 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:104 Resp: 312179
Ion Ratio Lower Upper
104 100
78 45.3 33.0 49.6
103 55.3 44.2 66.4

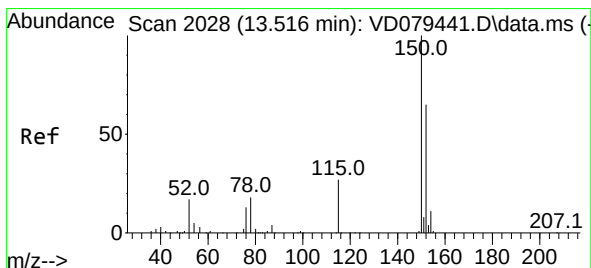
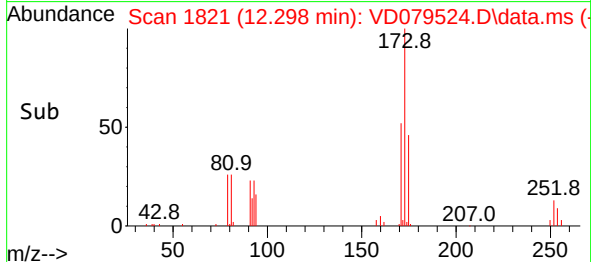
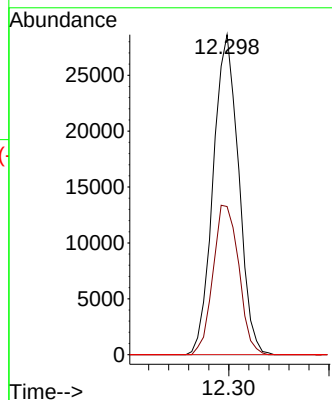
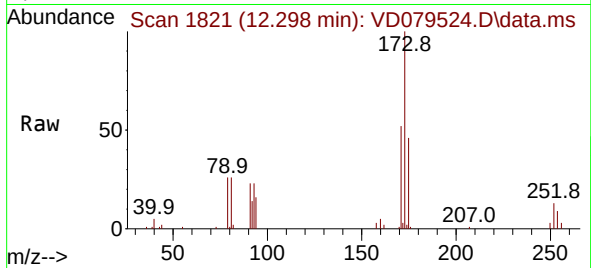




#71
Bromoform
Concen: 49.264 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

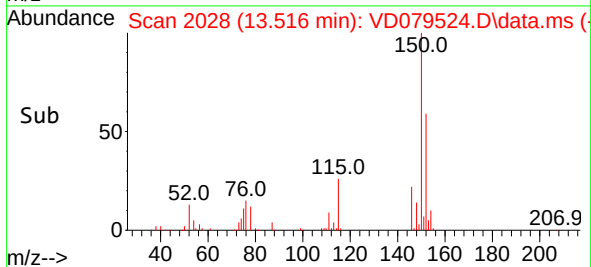
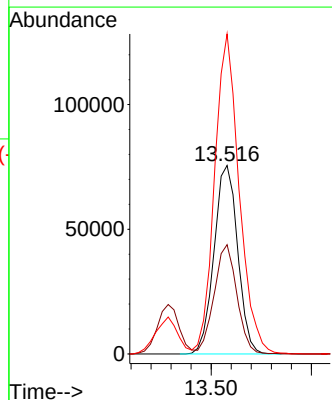
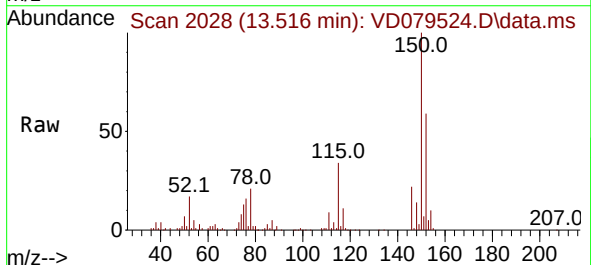
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

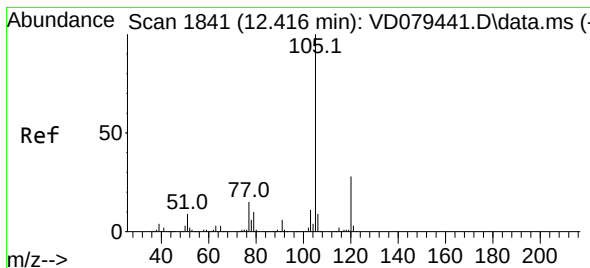
Tgt Ion:173 Resp: 50481
Ion Ratio Lower Upper
173 100
175 47.2 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion:152 Resp: 123706
Ion Ratio Lower Upper
152 100
115 55.8 26.5 79.5
150 176.5 0.0 341.6





#73

Isopropylbenzene

Concen: 44.445 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

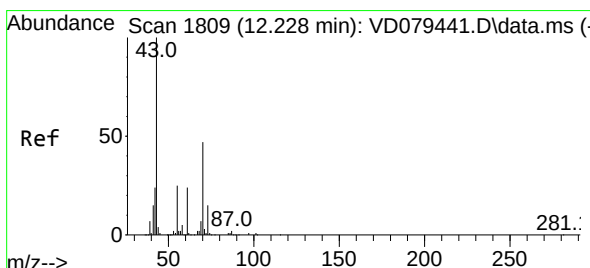
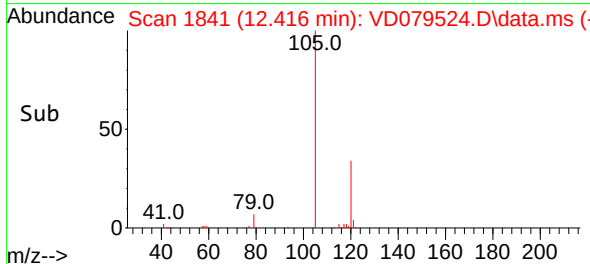
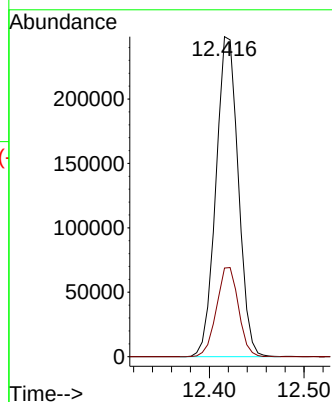
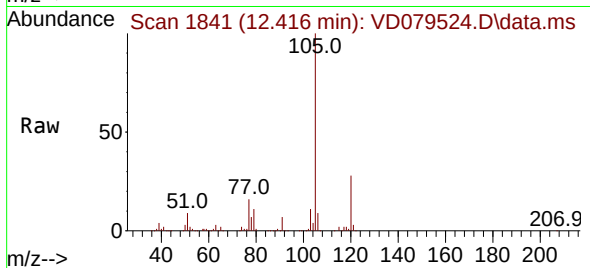
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:105 Resp: 407765

Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.7



#74

N-ethyl acetate

Concen: 38.302 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion: 43 Resp: 69691

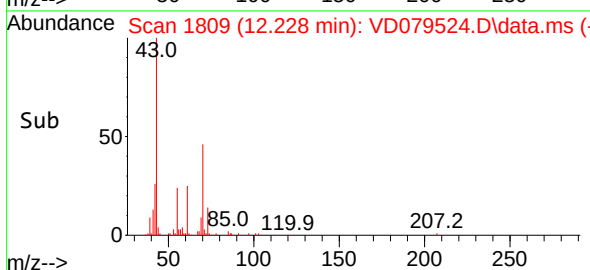
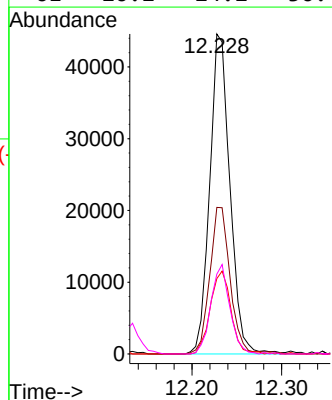
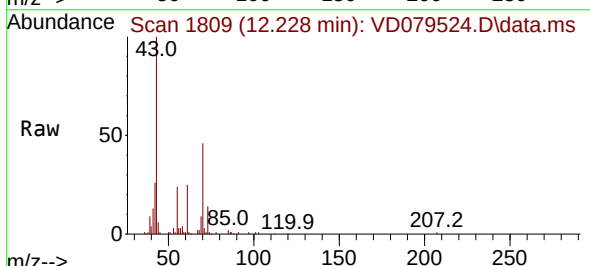
Ion Ratio Lower Upper

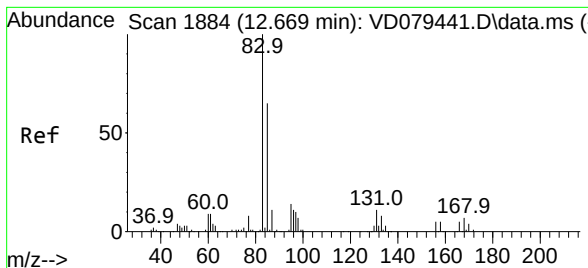
43 100

70 46.4 44.3 66.5

55 26.5 23.2 34.8

61 26.2 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.046 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

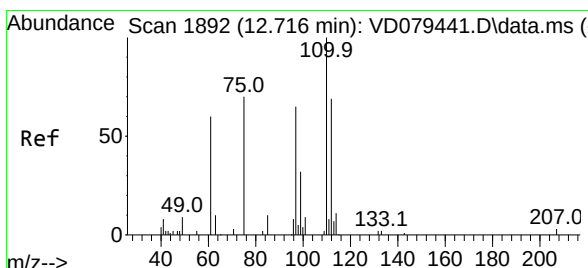
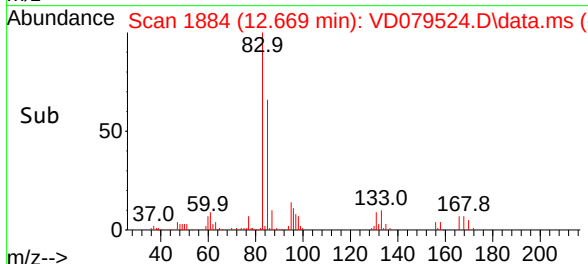
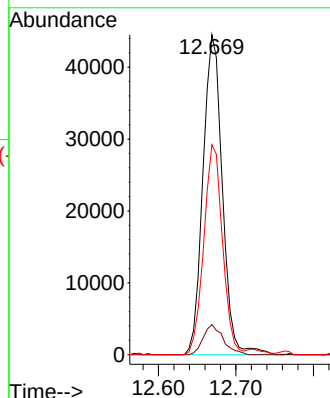
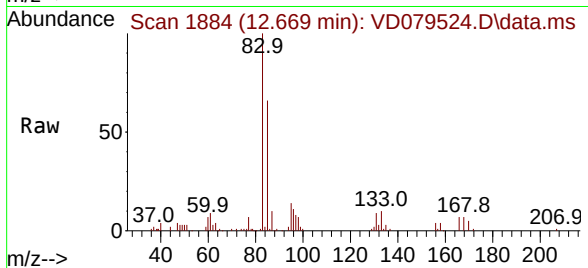
Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:	83	Resp:	77213
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.5	16.5
85	63.5	33.8	101.3



#76

1,2,3-Trichloropropane

Concen: 81.531 ug/l

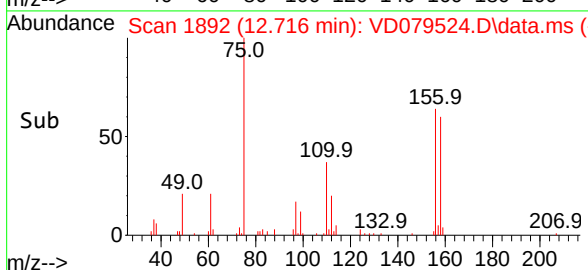
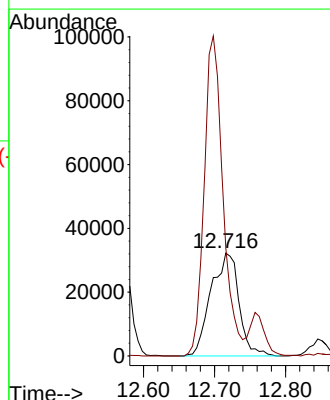
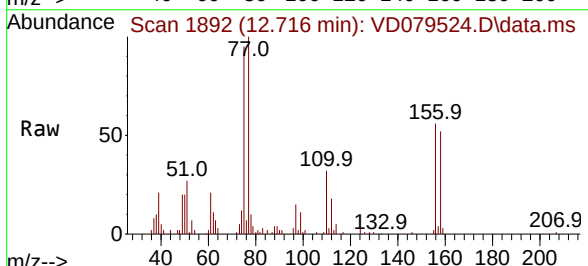
RT: 12.716 min Scan# 1892

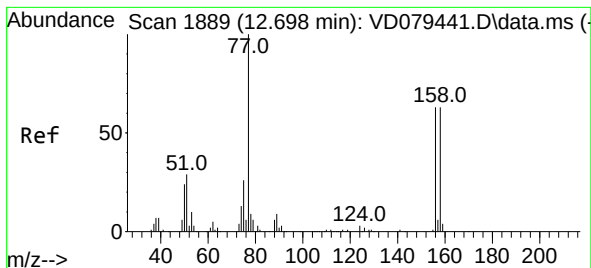
Delta R.T. -0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion:	75	Resp:	88161
Ion	Ratio	Lower	Upper
75	100		
77	209.7	0.0	0.0#





#77

Bromobenzene

Concen: 53.209 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

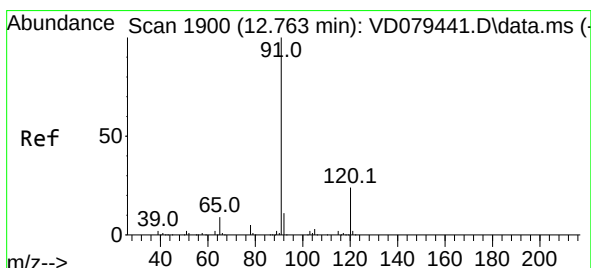
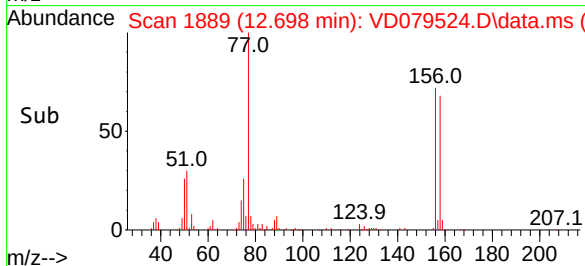
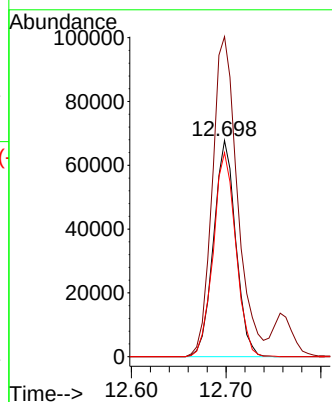
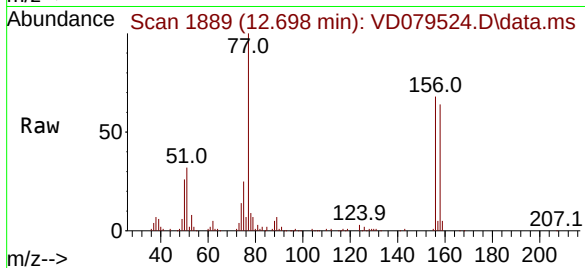
Tgt Ion:156 Resp: 110370

Ion Ratio Lower Upper

156 100

77 167.5 77.3 231.9

158 95.9 49.6 149.0



#78

n-propylbenzene

Concen: 48.698 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD079524.D

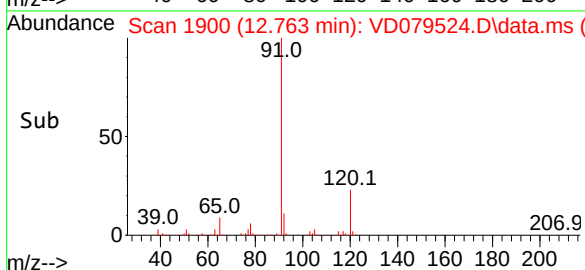
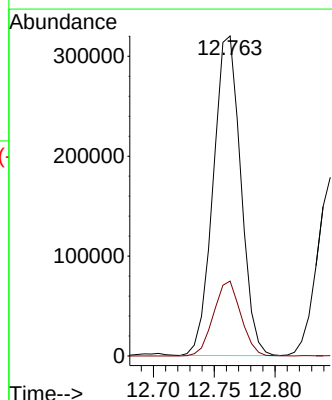
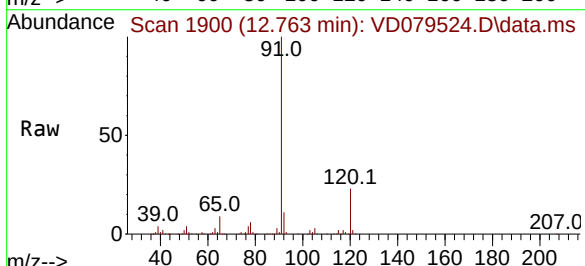
Acq: 01 Aug 2024 05:52

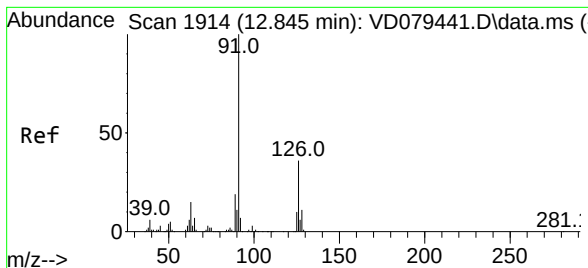
Tgt Ion: 91 Resp: 503569

Ion Ratio Lower Upper

91 100

120 23.2 12.3 36.8

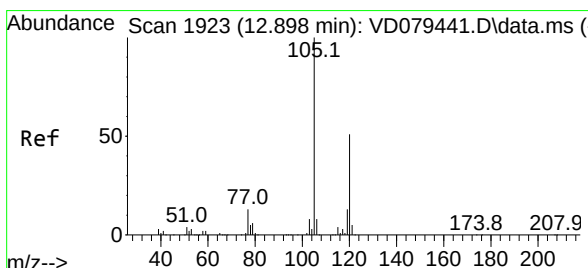
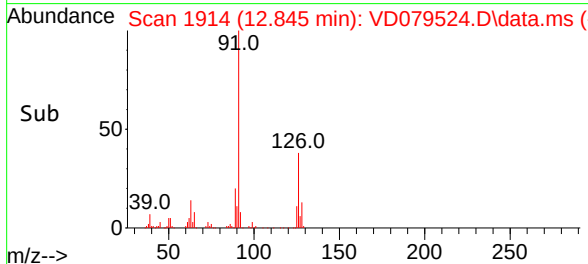
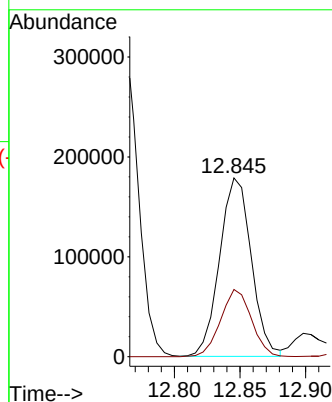
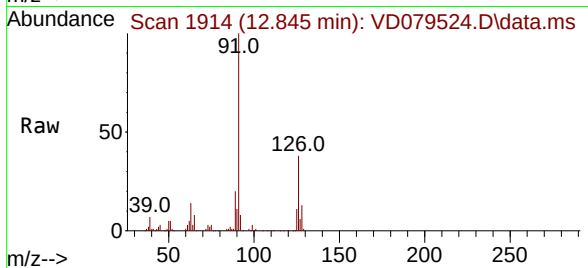




#79
2-Chlorotoluene
Concen: 52.198 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

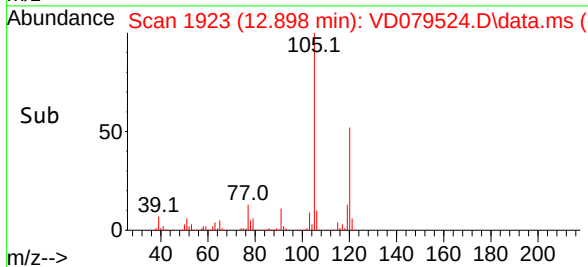
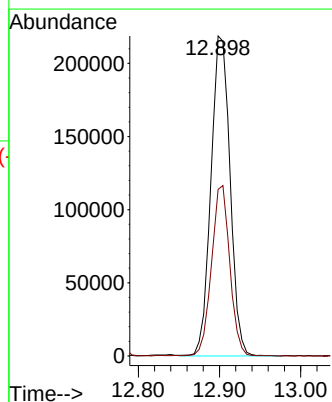
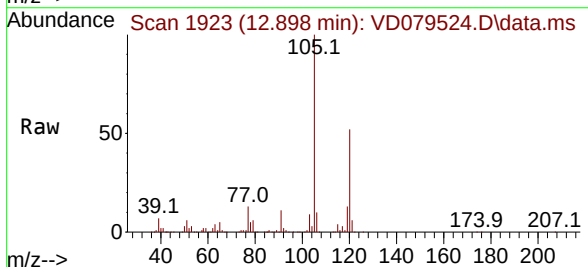
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

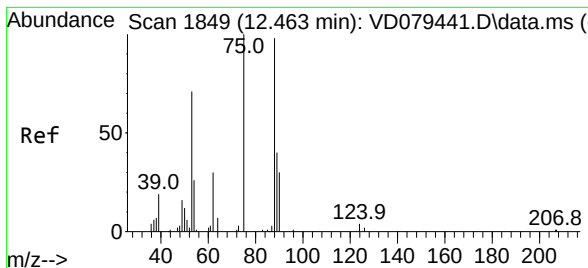
Tgt Ion: 91 Resp: 300548
Ion Ratio Lower Upper
91 100
126 36.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 51.916 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 105 Resp: 357750
Ion Ratio Lower Upper
105 100
120 50.9 25.7 77.1

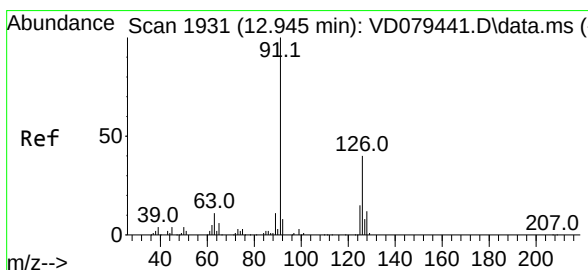
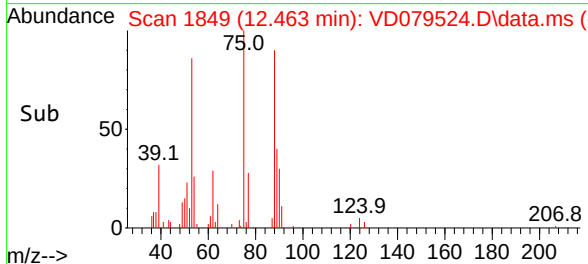
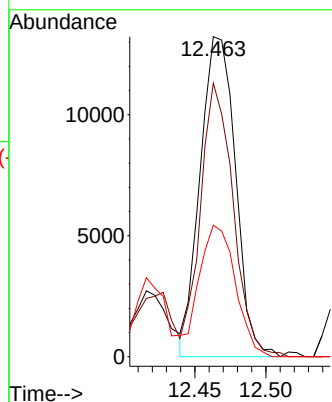
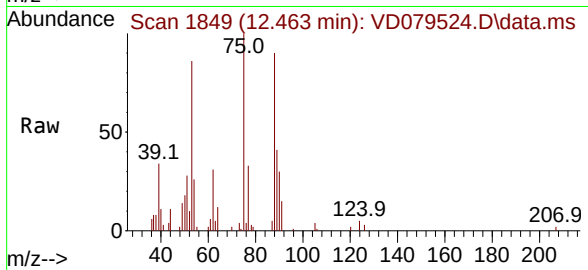




#81
trans-1,4-Dichloro-2-butene
Concen: 40.415 ug/l
RT: 12.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

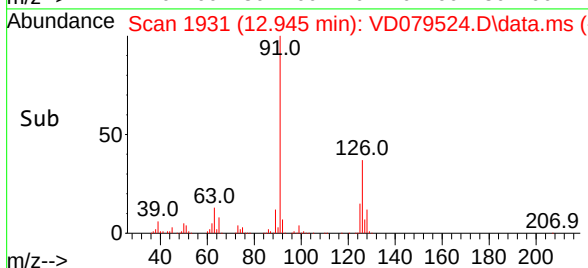
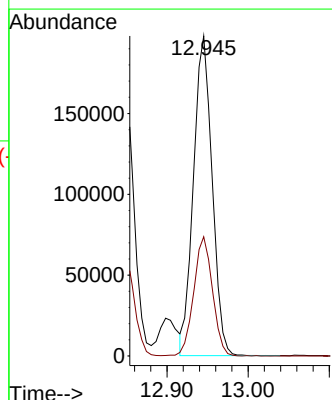
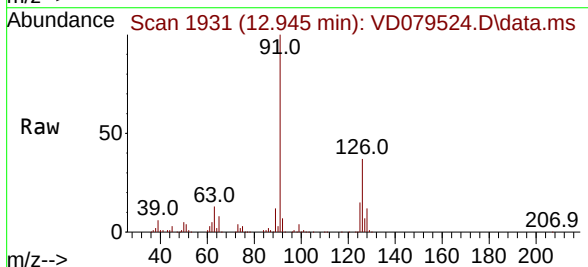
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

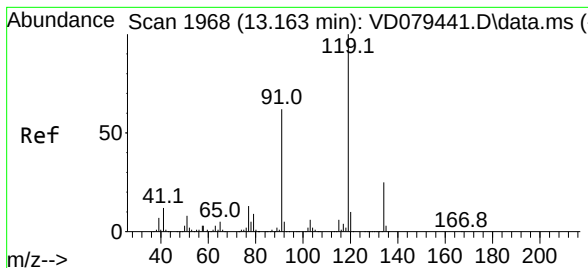
Tgt Ion: 75 Resp: 22913
Ion Ratio Lower Upper
75 100
53 79.1 61.4 92.2
89 42.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.608 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 91 Resp: 315774
Ion Ratio Lower Upper
91 100
126 37.6 18.9 56.9





#83

tert-Butylbenzene

Concen: 44.839 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

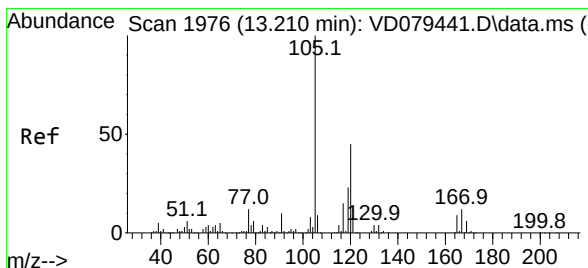
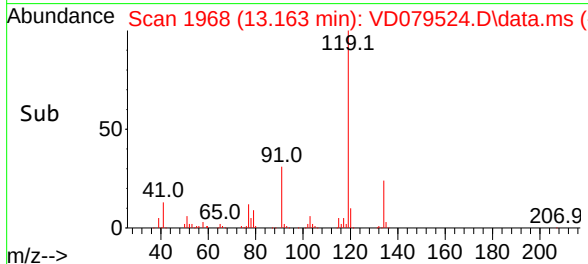
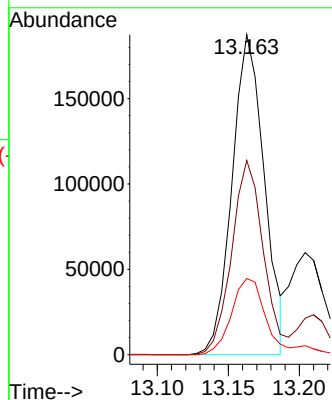
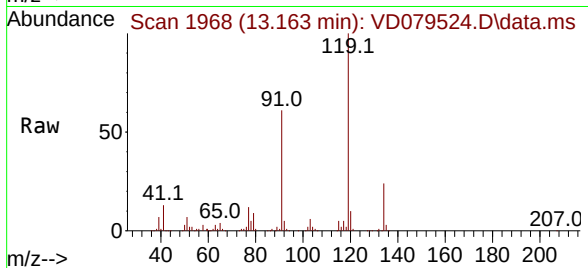
Tgt Ion:119 Resp: 296600

Ion Ratio Lower Upper

119 100

91 60.0 28.2 84.7

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.553 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079524.D

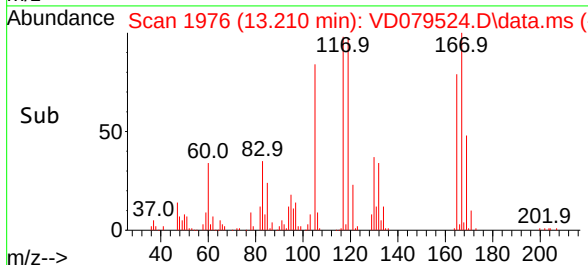
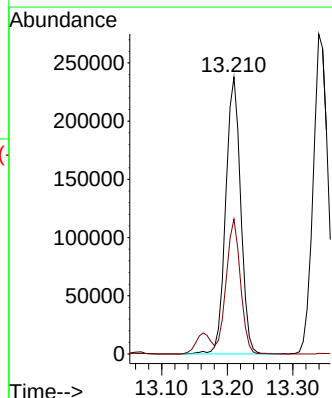
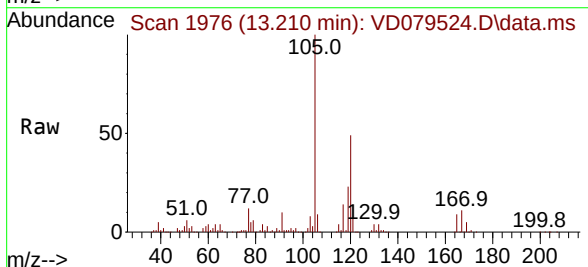
Acq: 01 Aug 2024 05:52

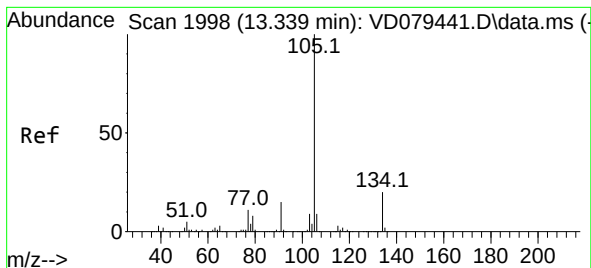
Tgt Ion:105 Resp: 375598

Ion Ratio Lower Upper

105 100

120 46.5 23.6 71.0





#85

sec-Butylbenzene

Concen: 47.062 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

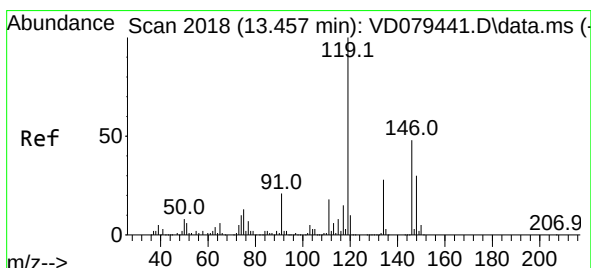
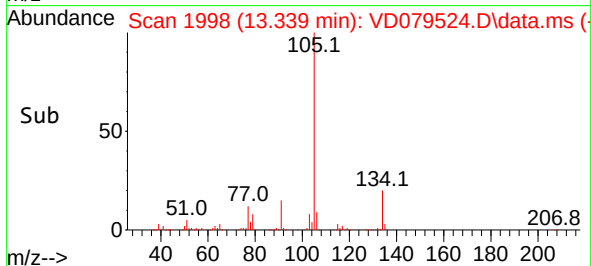
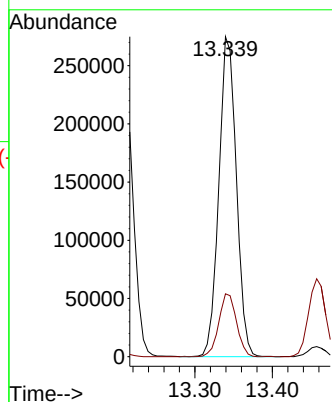
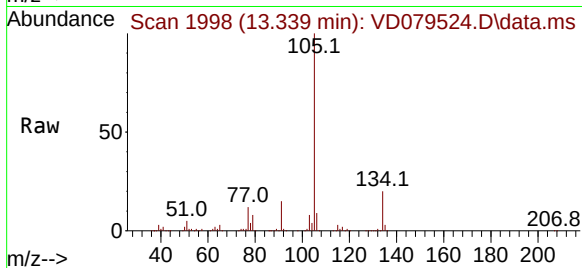
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:105 Resp: 431350

Ion Ratio Lower Upper

105 100

134 19.9 10.3 30.8



#86

p-Isopropyltoluene

Concen: 43.581 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

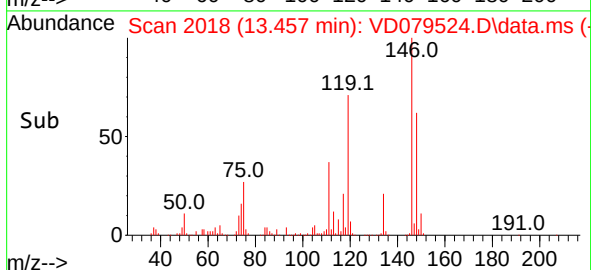
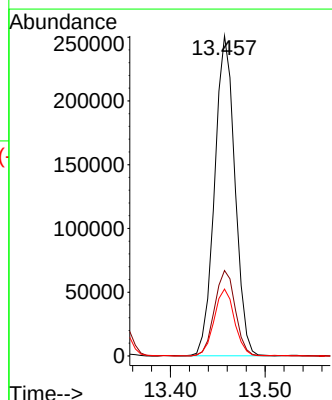
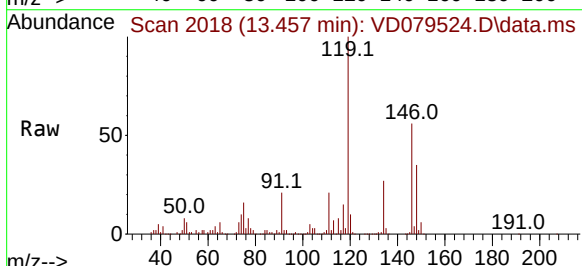
Tgt Ion:119 Resp: 373303

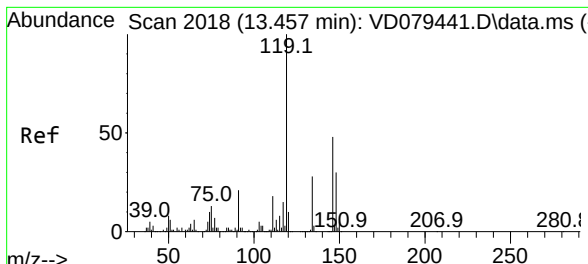
Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

91 21.1 10.7 32.1

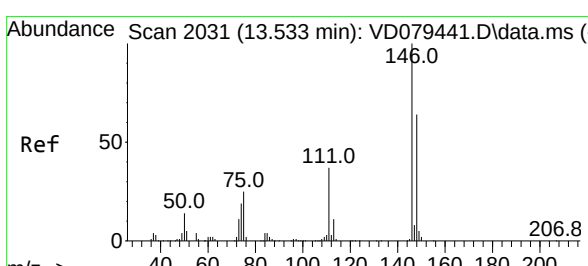
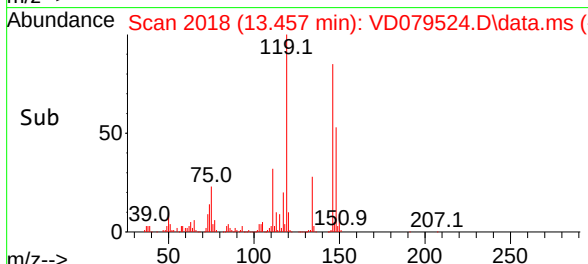
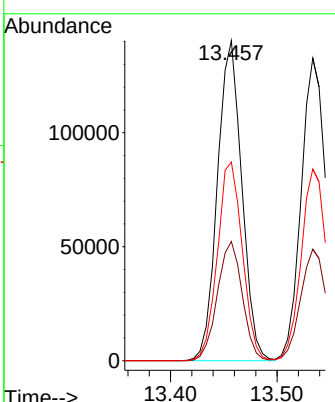
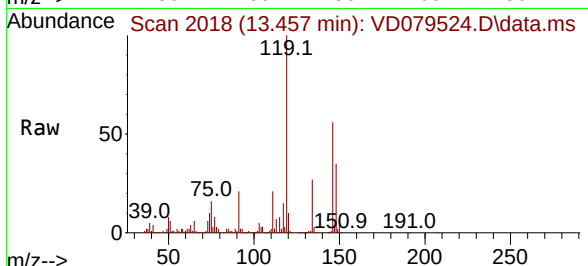




#87
 1,3-Dichlorobenzene
 Concen: 51.992 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

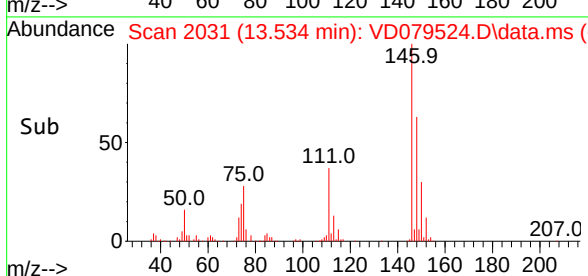
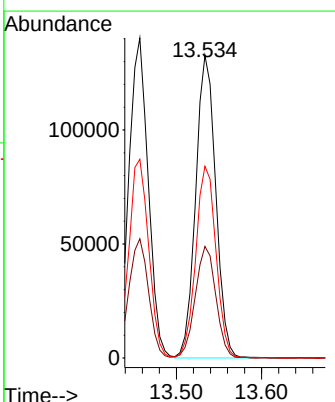
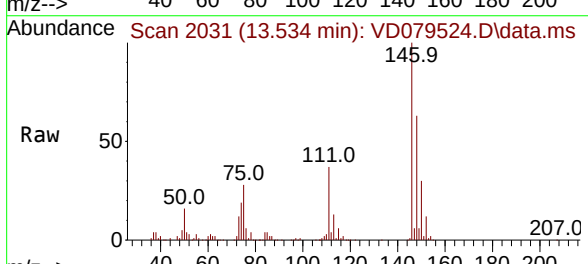
Instrument : MSVOA_D
 ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

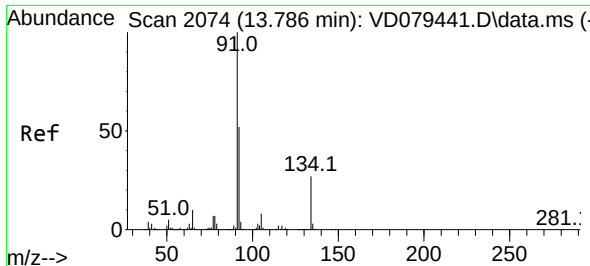
Tgt Ion:	146	Resp:	223392
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.5	55.5
148	63.5	30.9	92.8



#88
 1,4-Dichlorobenzene
 Concen: 51.304 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

Tgt Ion:	146	Resp:	216722
Ion Ratio	Lower	Upper	
146	100		
111	37.9	17.5	52.6
148	64.1	31.4	94.2

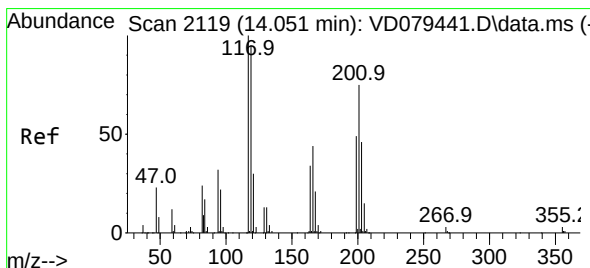
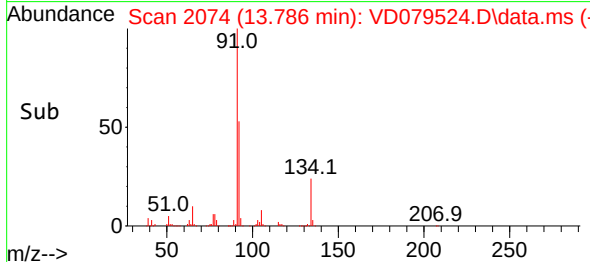
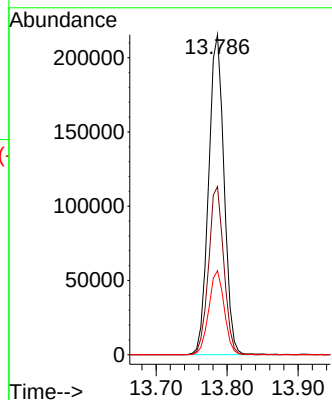
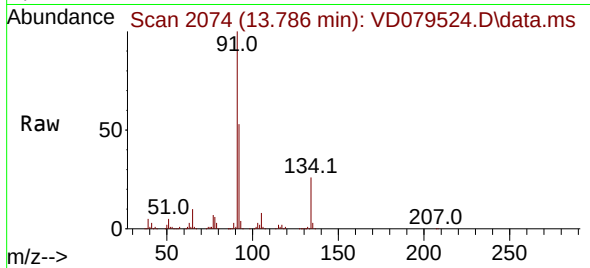




#89
n-Butylbenzene
Concen: 41.381 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

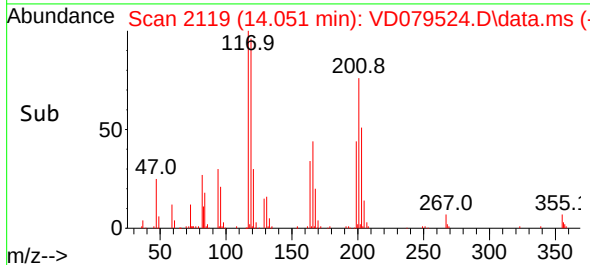
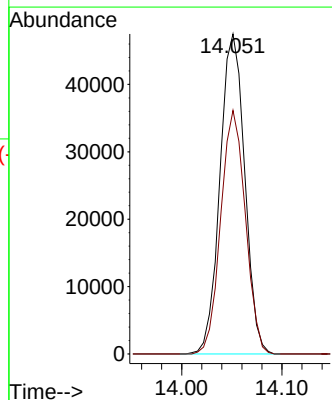
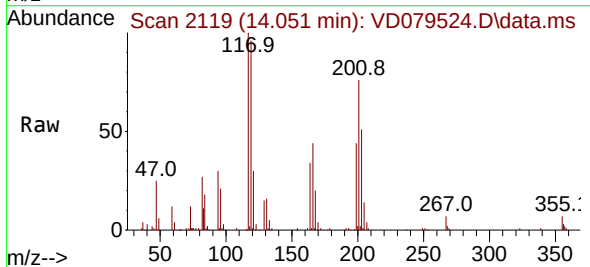
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

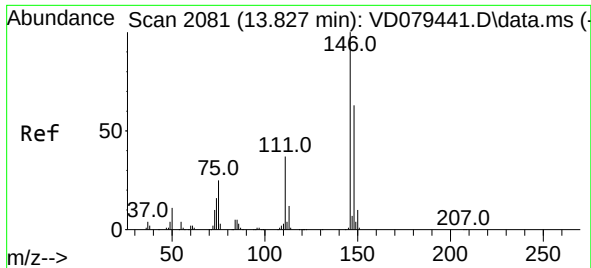
Tgt Ion: 91 Resp: 325766
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.0
134 26.3 13.6 40.8



#90
Hexachloroethane
Concen: 50.725 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079524.D
Acq: 01 Aug 2024 05:52

Tgt Ion: 117 Resp: 81318
Ion Ratio Lower Upper
117 100
201 75.7 36.3 108.9

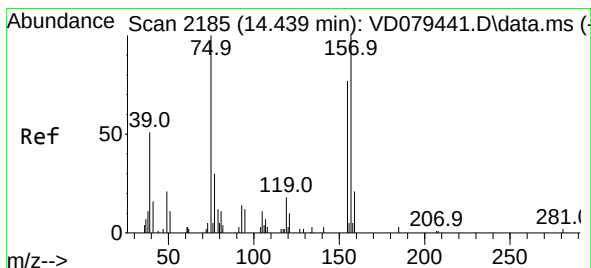
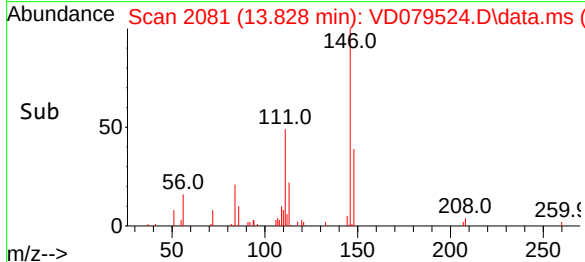
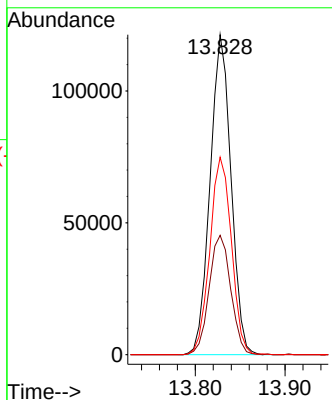
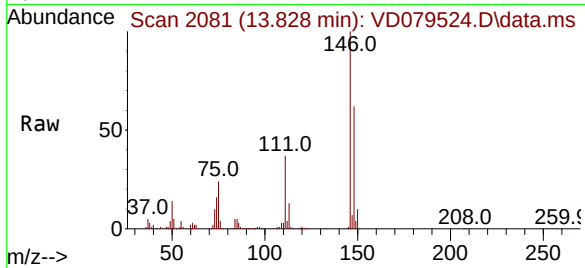




#91
 1,2-Dichlorobenzene
 Concen: 53.404 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

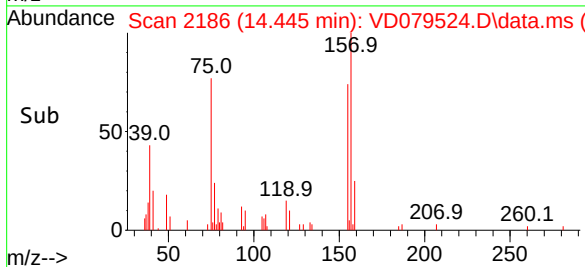
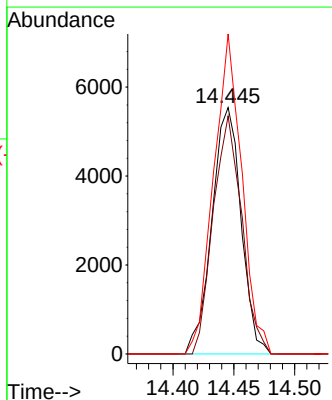
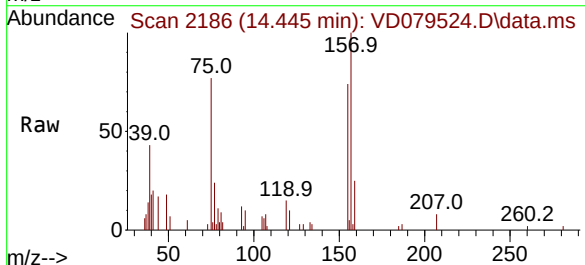
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

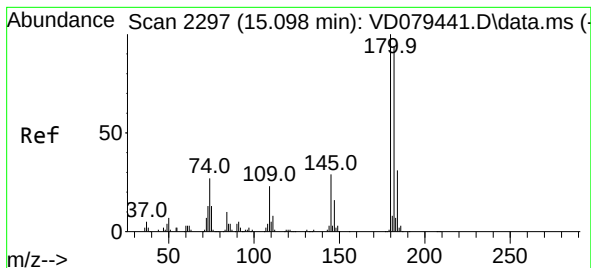
Tgt Ion:	146	Resp:	196109
Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	63.8	31.1	93.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.239 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD079524.D
 Acq: 01 Aug 2024 05:52

Tgt Ion:	75	Resp:	9246
Ion	Ratio	Lower	Upper
75	100		
155	94.3	47.7	143.1
157	125.3	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 47.194 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD079524.D

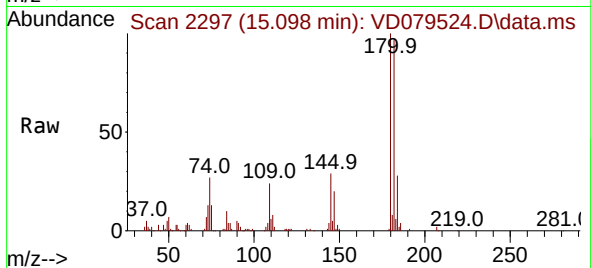
Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD



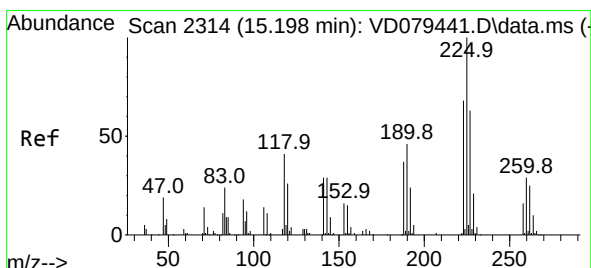
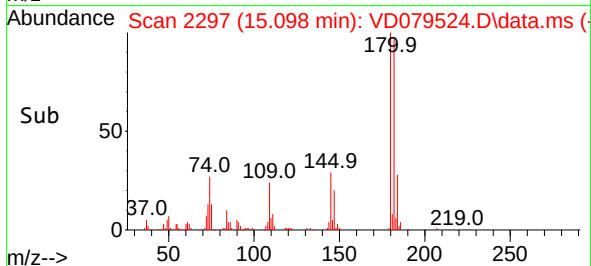
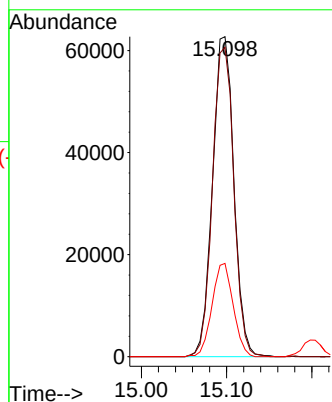
Tgt Ion:180 Resp: 109191

Ion Ratio Lower Upper

180 100

182 96.6 46.9 140.7

145 28.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 43.485 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

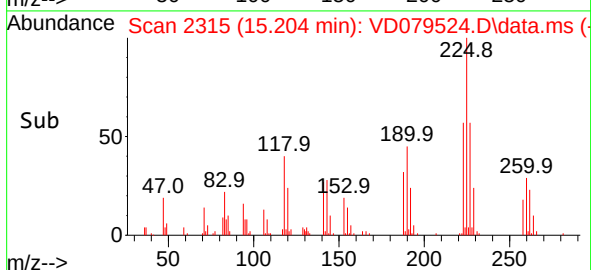
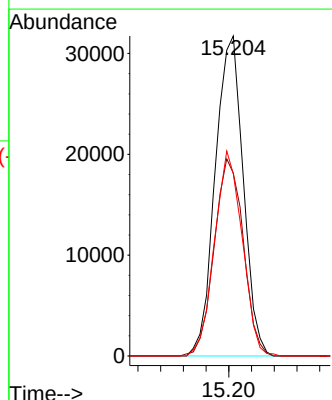
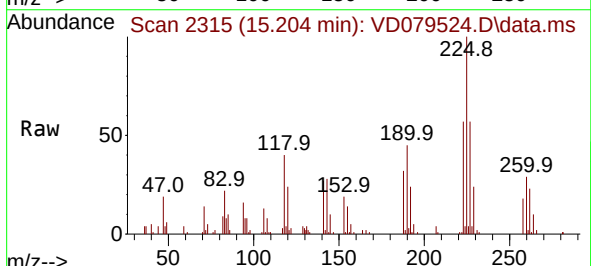
Tgt Ion:225 Resp: 54301

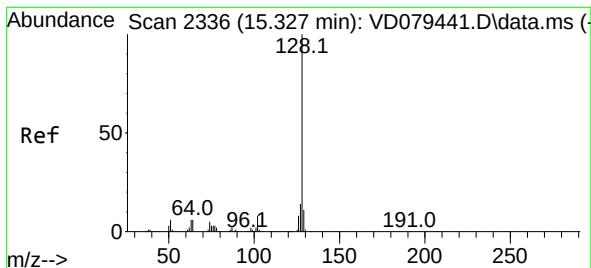
Ion Ratio Lower Upper

225 100

223 63.8 33.3 99.9

227 63.5 33.6 100.6





#95

Naphthalene

Concen: 45.420 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Instrument :

MSVOA_D

ClientSampleId :

S-862-K2-SO-12-12.5-072024MSD

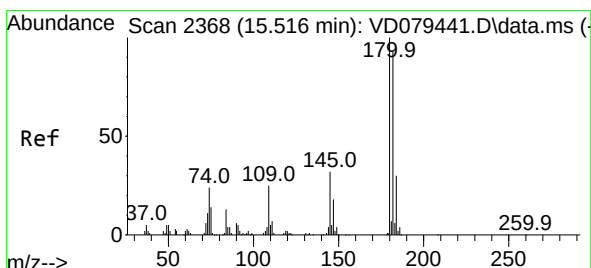
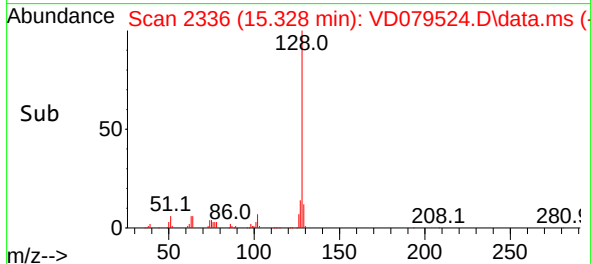
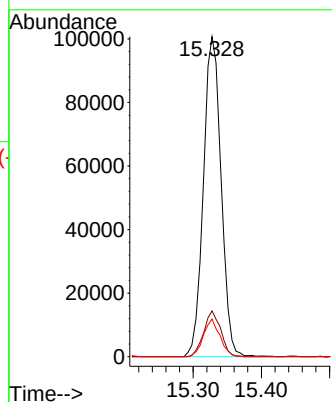
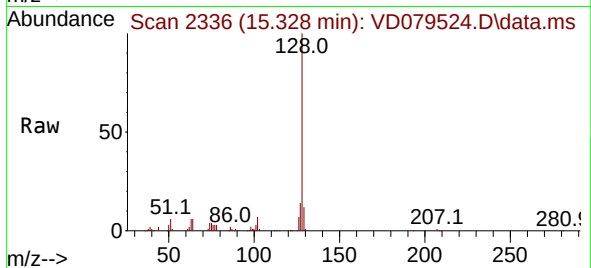
Tgt Ion:128 Resp: 181884

Ion Ratio Lower Upper

128 100

127 14.3 10.2 15.4

129 11.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 47.915 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079524.D

Acq: 01 Aug 2024 05:52

Tgt Ion:180 Resp: 97518

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.3

145 30.9 16.1 48.2

