

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079486.D
 Acq On : 31 Jul 2024 06:30
 Operator : RP/MD
 Sample : P3374-09MSD
 Misc : 7.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Jul 31 08:23:45 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	103964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	179127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	189192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71509	67.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.420%	
35) Dibromofluoromethane	7.804	113	74608	61.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.080%	
50) Toluene-d8	10.269	98	233973	49.694	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.569	95	86144	63.226	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 126.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63515	77.972	ug/l	98
3) Chloromethane	2.146	50	116416	77.563	ug/l	96
4) Vinyl Chloride	2.281	62	140710	78.847	ug/l	98
5) Bromomethane	2.687	94	82750	74.769	ug/l	95
6) Chloroethane	2.834	64	87258	76.091	ug/l	96
7) Trichlorofluoromethane	3.169	101	87890	49.522	ug/l	100
8) Diethyl Ether	3.593	74	32933	61.430	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.963	101	56450	50.290	ug/l	93
10) Methyl Iodide	4.163	142	69201	50.658	ug/l	92
11) Tert butyl alcohol	5.052	59	23089	444.601	ug/l #	82
12) 1,1-Dichloroethene	3.934	96	59104	52.616	ug/l	86
13) Acrolein	3.793	56	9541	123.630	ug/l	96
14) Allyl chloride	4.563	41	106342	71.691	ug/l	88
15) Acrylonitrile	5.252	53	107469	428.990	ug/l	98
16) Acetone	4.016	43	60110	292.849	ug/l	98
17) Carbon Disulfide	4.269	76	231395	62.406	ug/l	100
18) Methyl Acetate	4.563	43	85639	134.381	ug/l #	86
19) Methyl tert-butyl Ether	5.316	73	196307	85.614	ug/l	99
20) Methylene Chloride	4.799	84	188095	129.893	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	98609	78.143	ug/l	91
22) Diisopropyl ether	6.216	45	274172	83.073	ug/l	95
23) Vinyl Acetate	6.157	43	677745	273.178	ug/l	93
24) 1,1-Dichloroethane	6.110	63	176020	79.585	ug/l	97
25) 2-Butanone	7.081	43	118783	408.189	ug/l	93
26) 2,2-Dichloropropane	7.075	77	113633	63.518	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	136104	94.359	ug/l	95
28) Bromochloromethane	7.428	49	82192	84.746	ug/l #	75
29) Tetrahydrofuran	7.446	42	78332	434.354	ug/l #	83
30) Chloroform	7.593	83	186388	83.218	ug/l	100
31) Cyclohexane	7.881	56	123406	70.353	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	148380	80.284	ug/l	99
36) 1,1-Dichloropropene	8.004	75	123986	74.924	ug/l	96
37) Ethyl Acetate	7.169	43	49831	73.445	ug/l	99
38) Carbon Tetrachloride	7.993	117	133358	76.660	ug/l	98
39) Methylcyclohexane	9.275	83	143933	72.898	ug/l	93
40) Benzene	8.251	78	405052	77.065	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	29259	78.400	ug/l	88
42) 1,2-Dichloroethane	8.328	62	100968	80.615	ug/l	97
43) Isopropyl Acetate	8.357	43	99718	78.201	ug/l	95
44) Trichloroethene	9.028	130	132703	101.424	ug/l	93
45) 1,2-Dichloropropane	9.304	63	102775	80.350	ug/l	95
46) Dibromomethane	9.393	93	60025	84.651	ug/l	98
47) Bromodichloromethane	9.587	83	142381	81.775	ug/l	100
48) Methyl methacrylate	9.381	41	47154	82.630	ug/l	89
49) 1,4-Dioxane	9.381	88	12853	1749.294	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	276149	424.176	ug/l	95
52) Toluene	10.334	92	250730	77.132	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125059	77.778	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	150108	77.613	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	78003	83.507	ug/l	94
56) Ethyl methacrylate	10.598	69	88618	80.068	ug/l	91
57) 1,3-Dichloropropane	10.875	76	129902	81.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	345240	676.390	ug/l	92
59) 2-Hexanone	10.922	43	187975	414.006	ug/l	97
60) Dibromochloromethane	11.075	129	102457	83.965	ug/l	100
61) 1,2-Dibromoethane	11.181	107	73346	83.816	ug/l	98
64) Tetrachloroethene	10.810	164	101006	79.175	ug/l	97
65) Chlorobenzene	11.604	112	282391	67.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	98863	71.724	ug/l	98
67) Ethyl Benzene	11.681	91	457717	66.739	ug/l	98
68) m/p-Xylenes	11.792	106	371783	136.637	ug/l	94
69) o-Xylene	12.122	106	173010	69.370	ug/l	91
70) Styrene	12.134	104	310629	71.042	ug/l	97
71) Bromoform	12.298	173	60329	77.422	ug/l #	99
73) Isopropylbenzene	12.416	105	429661	51.699	ug/l	100
74) N-amyl acetate	12.234	43	77544	47.634	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	91096	63.356	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	106256	109.831	ug/l #	100
77) Bromobenzene	12.698	156	112262	60.491	ug/l	92
78) n-propylbenzene	12.763	91	525457	56.795	ug/l	97
79) 2-Chlorotoluene	12.845	91	300932	58.416	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	361602	58.651	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	28254	55.701	ug/l	98
82) 4-Chlorotoluene	12.945	91	311729	58.046	ug/l	98
83) tert-Butylbenzene	13.163	119	308157	51.484	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	371487	53.311	ug/l	99
85) sec-Butylbenzene	13.339	105	465146	56.722	ug/l	99
86) p-Isopropyltoluene	13.457	119	384391	49.570	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	219276	57.040	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	214423	56.734	ug/l	98
89) n-Butylbenzene	13.786	91	340176	47.665	ug/l	98
90) Hexachloroethane	14.051	117	84152	58.670	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	195816	59.600	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11257	58.839	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	107112	51.744	ug/l	97
94) Hexachlorobutadiene	15.198	225	57215	51.211	ug/l	98
95) Naphthalene	15.328	128	213441	59.574	ug/l	98
96) 1,2,3-Trichlorobenzene	15.510	180	100507	55.196	ug/l	98

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

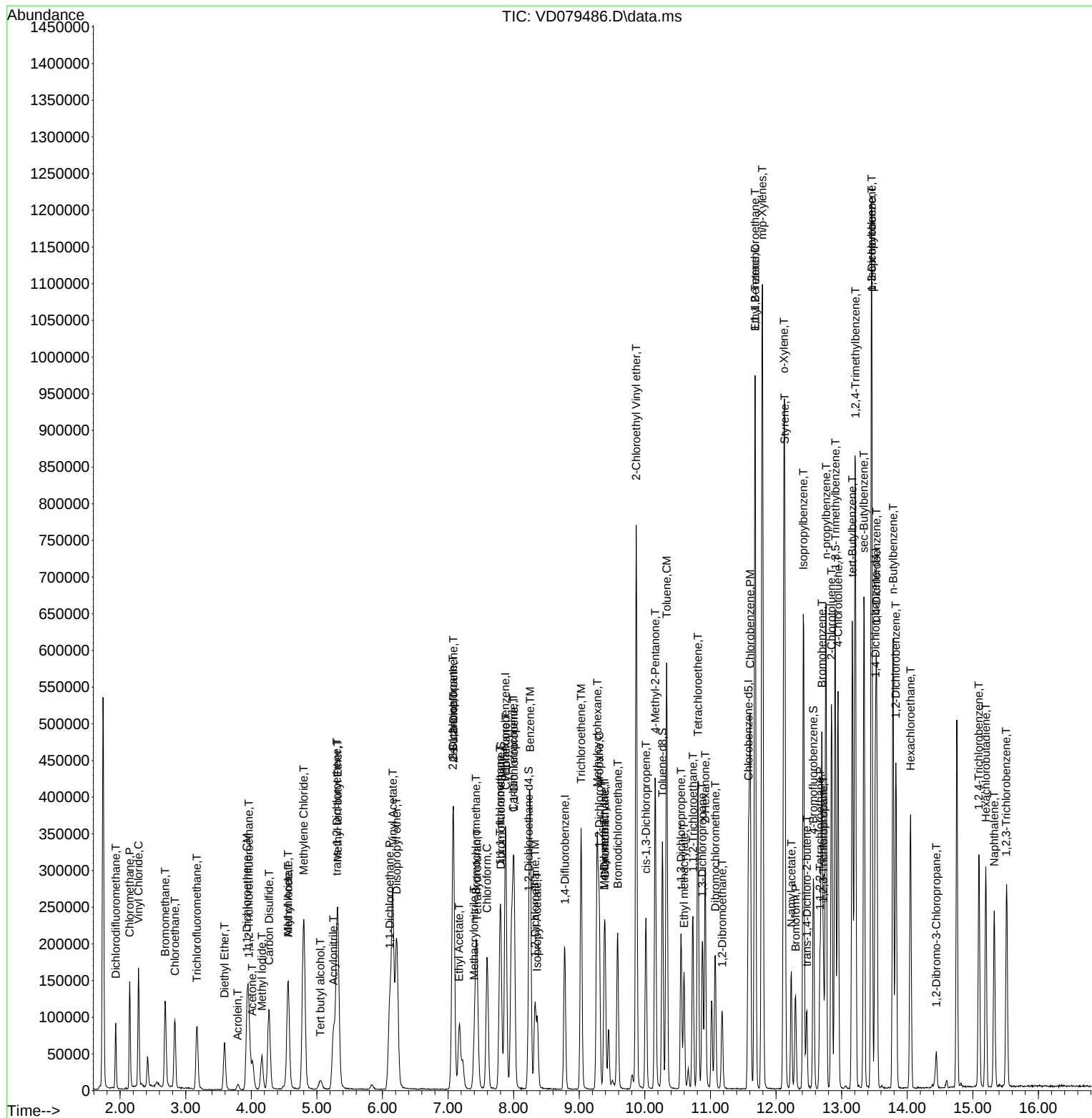
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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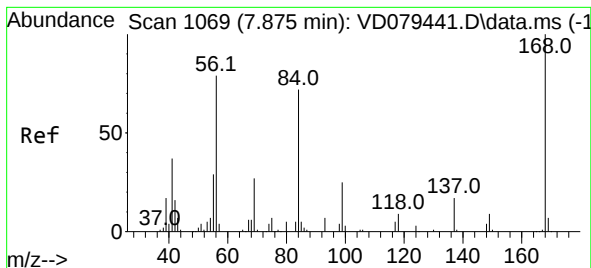
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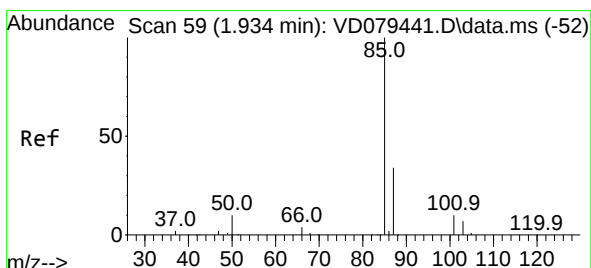
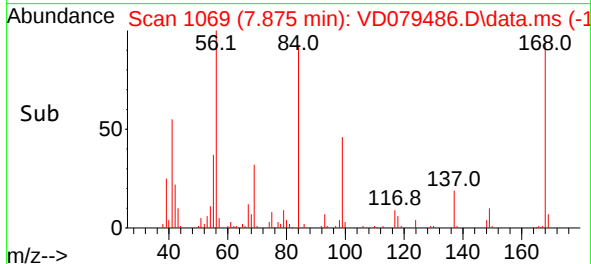
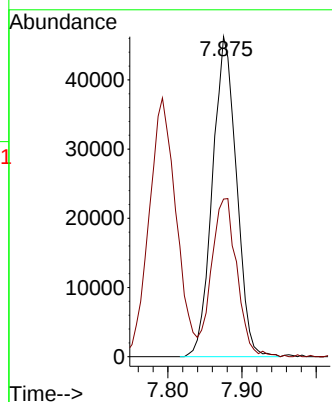
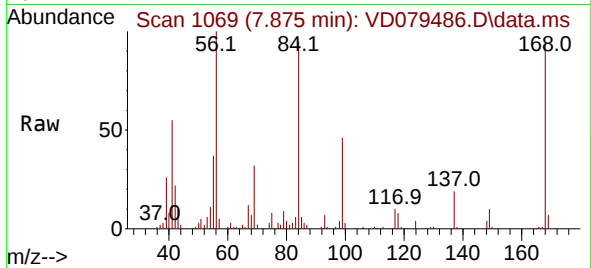




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079486.D
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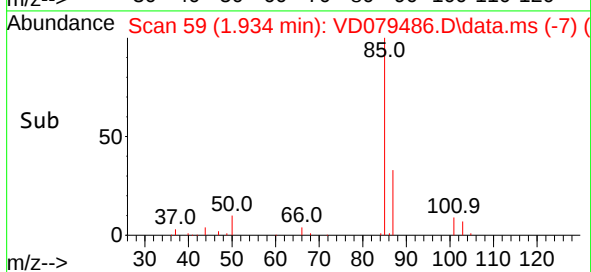
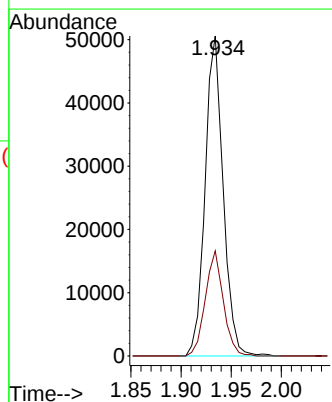
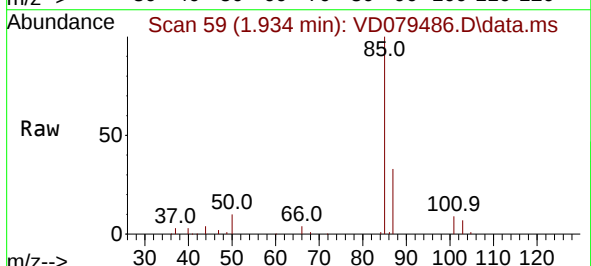
Instrument :
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ClientSampleId :
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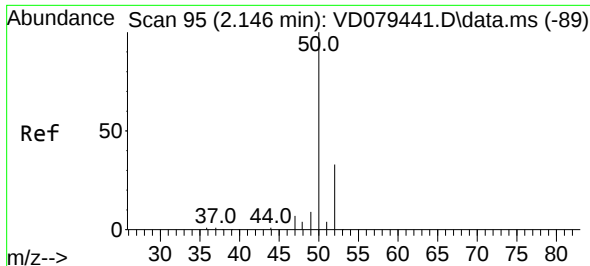
Tgt Ion:168 Resp: 103964
Ion Ratio Lower Upper
168 100
99 49.2 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 77.972 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 85 Resp: 63515
Ion Ratio Lower Upper
85 100
87 32.9 16.0 48.0

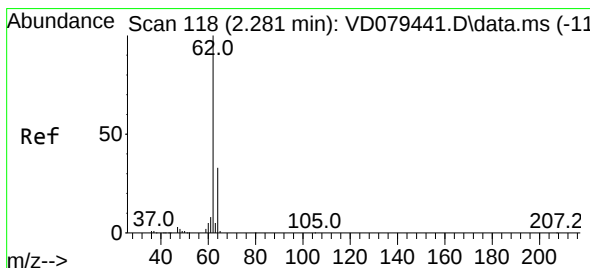
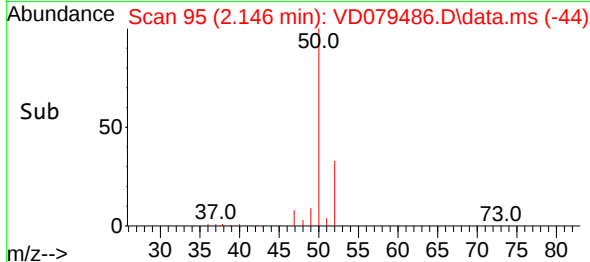
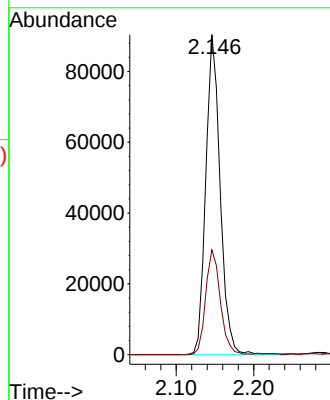
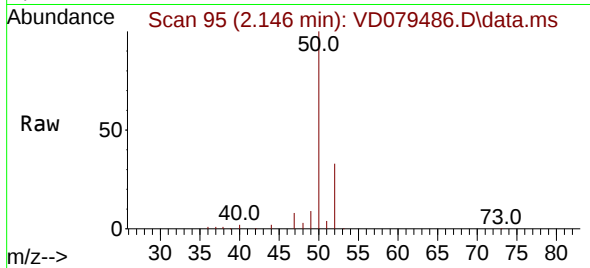




#3
Chloromethane
Concen: 77.563 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

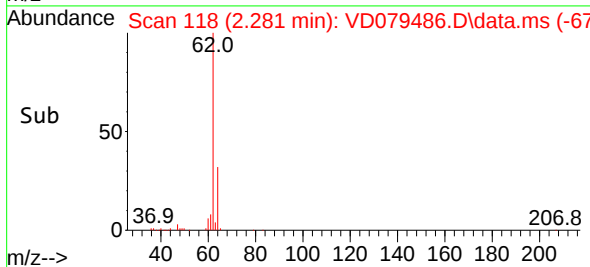
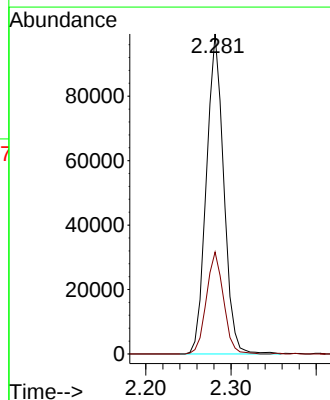
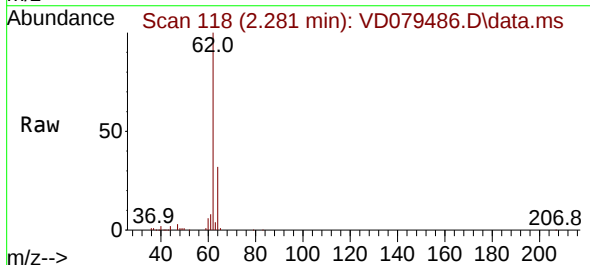
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ClientSampleId :
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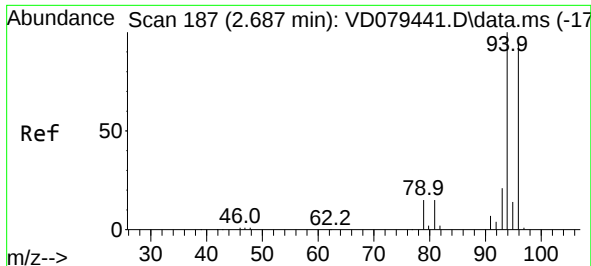
Tgt Ion: 50 Resp: 116416
Ion Ratio Lower Upper
50 100
52 32.8 28.2 42.2



#4
Vinyl Chloride
Concen: 78.847 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 62 Resp: 140710
Ion Ratio Lower Upper
62 100
64 31.9 26.3 39.5

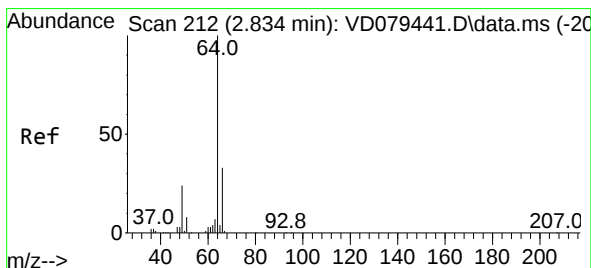
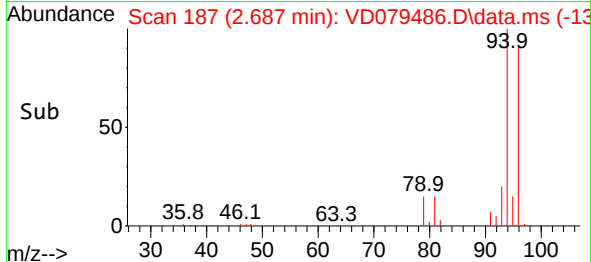
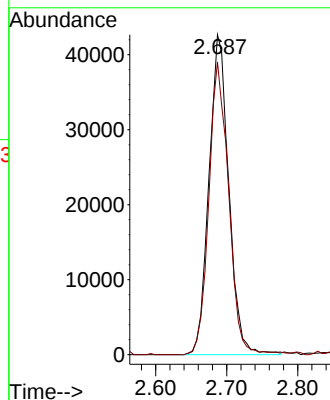
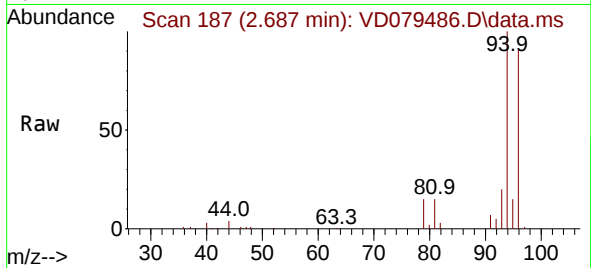




#5
Bromomethane
Concen: 74.769 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079486.D
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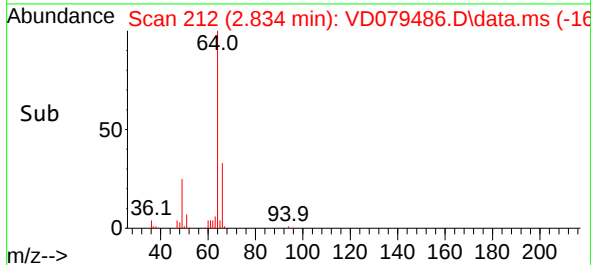
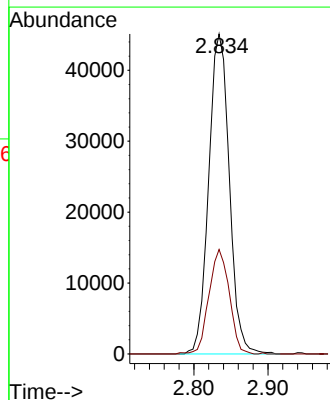
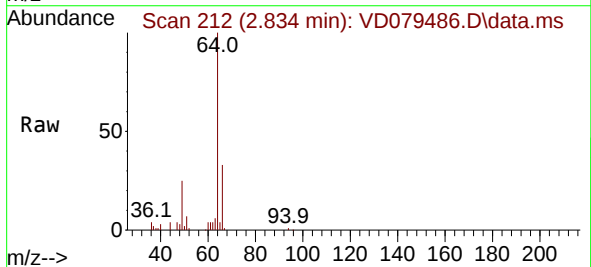
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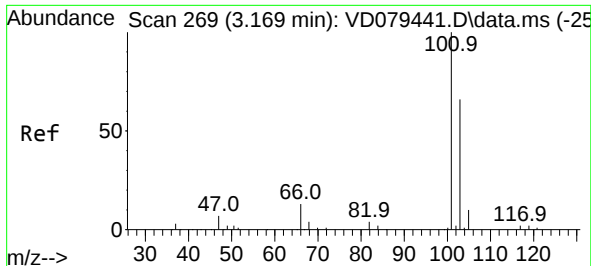
Tgt Ion: 94 Resp: 82750
Ion Ratio Lower Upper
94 100
96 91.3 76.9 115.3



#6
Chloroethane
Concen: 76.091 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 64 Resp: 87258
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7

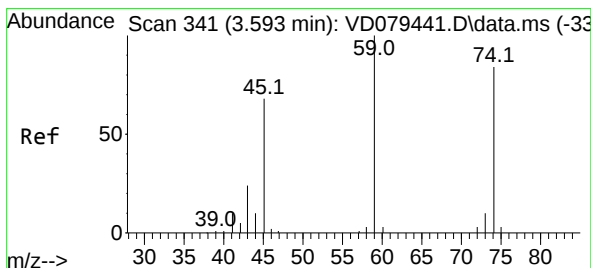
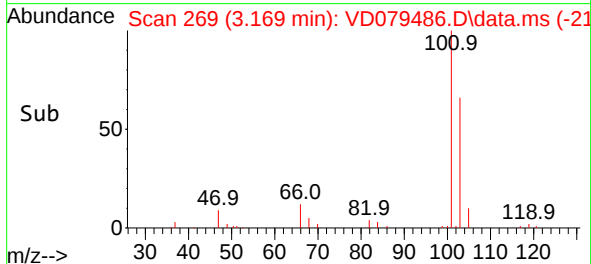
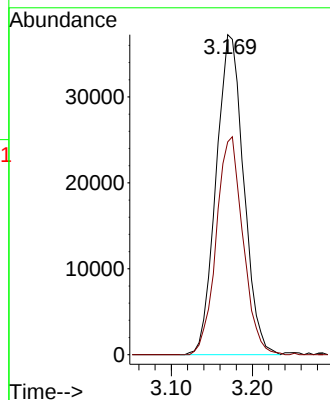
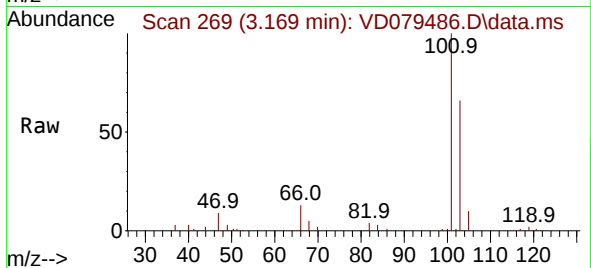




#7
Trichlorofluoromethane
Concen: 49.522 ug/l
RT: 3.169 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

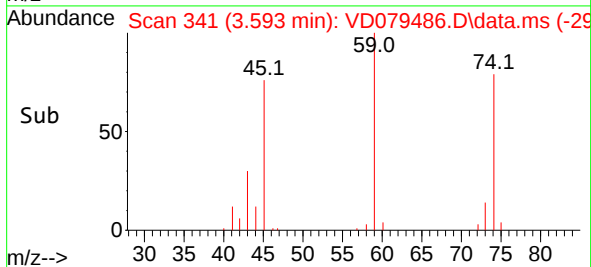
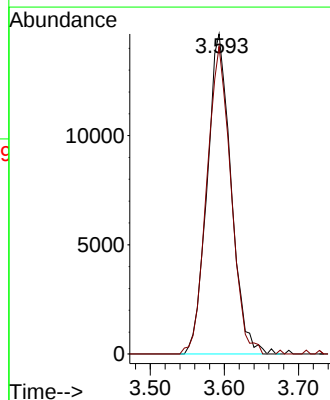
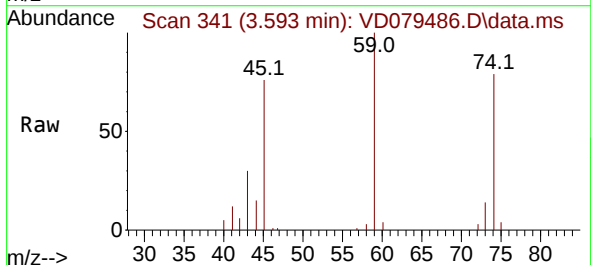
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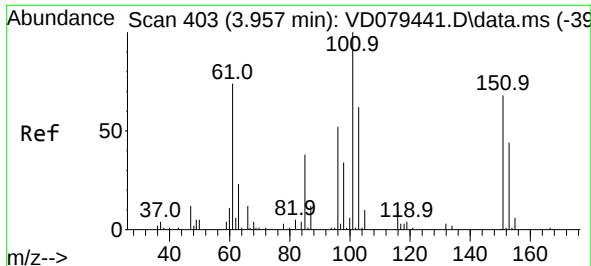
Tgt Ion:101 Resp: 87890
Ion Ratio Lower Upper
101 100
103 66.5 53.2 79.8



#8
Diethyl Ether
Concen: 61.430 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 74 Resp: 32933
Ion Ratio Lower Upper
74 100
45 96.9 37.9 113.6

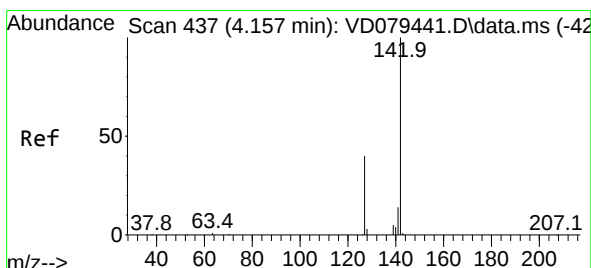
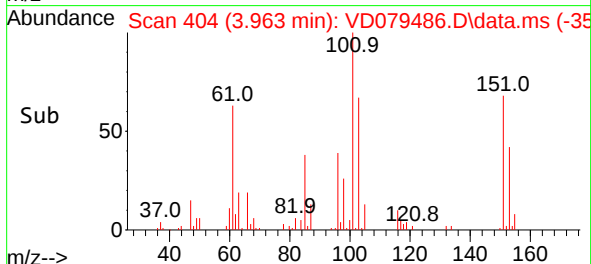
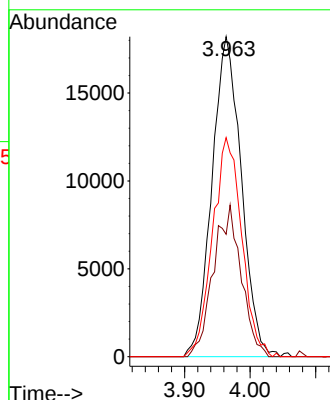
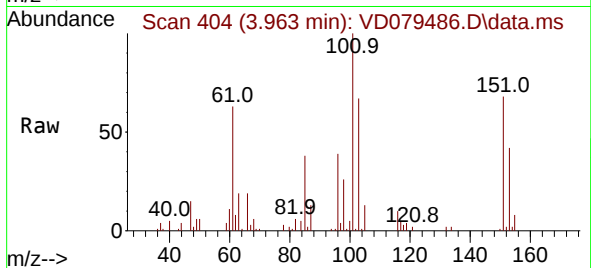




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.290 ug/l
RT: 3.963 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

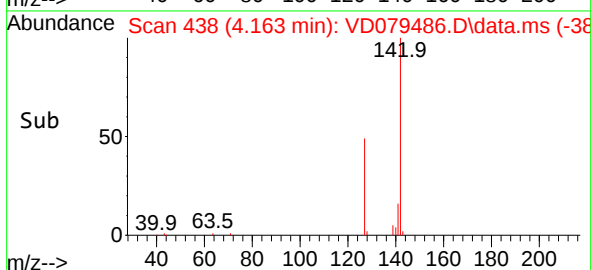
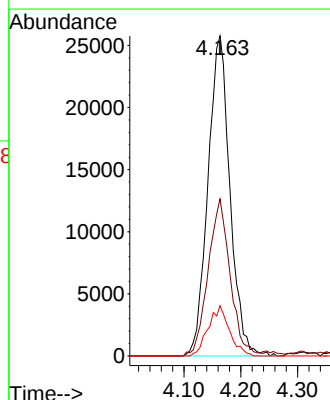
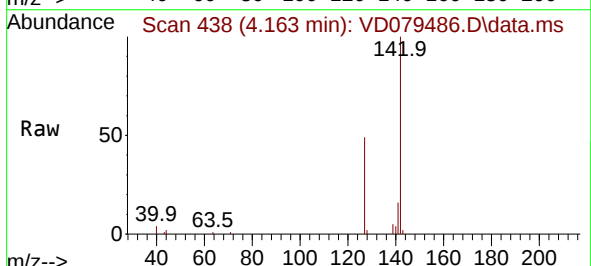
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:101 Resp: 56450
Ion Ratio Lower Upper
101 100
85 45.1 33.5 50.3
151 68.1 60.3 90.5



#10
Methyl Iodide
Concen: 50.658 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.011 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:142 Resp: 69201
Ion Ratio Lower Upper
142 100
127 49.1 34.2 51.4
141 15.1 11.7 17.5

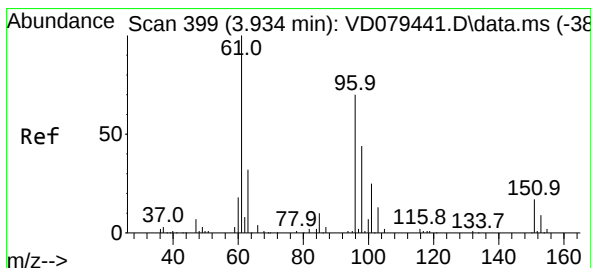
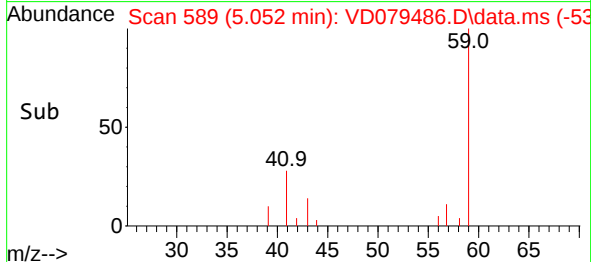
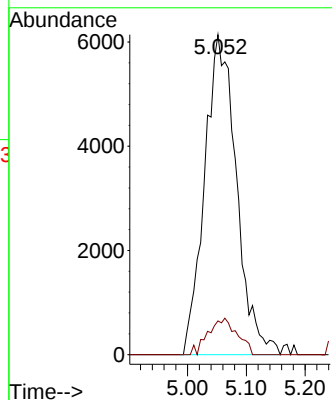
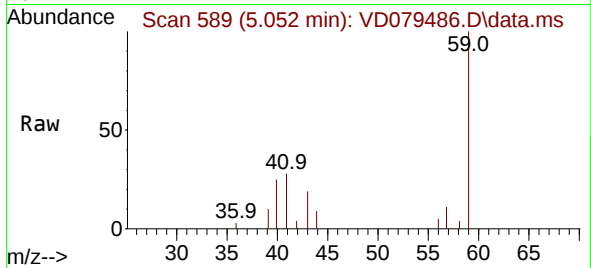




#11
Tert butyl alcohol
Concen: 444.601 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

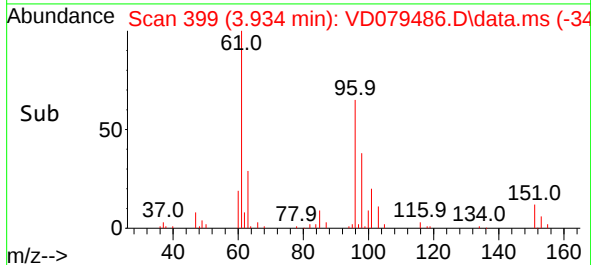
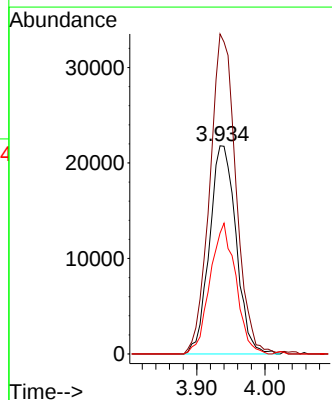
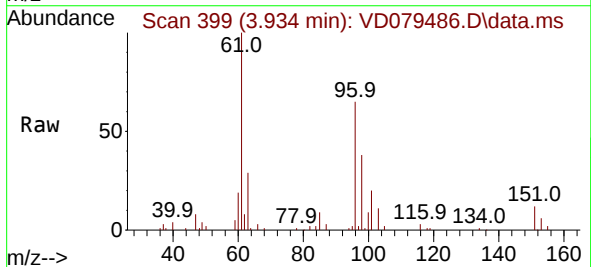
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

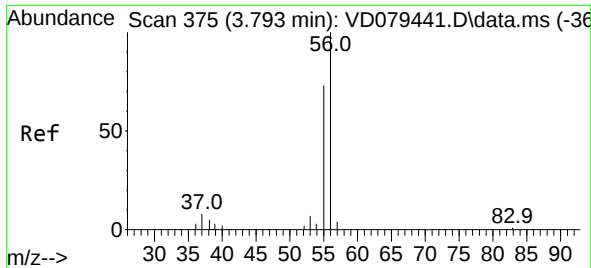
Tgt Ion: 59 Resp: 23089
Ion Ratio Lower Upper
59 100
57 10.4 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 52.616 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 96 Resp: 59104
Ion Ratio Lower Upper
96 100
61 153.7 107.3 160.9
98 58.0 51.7 77.5

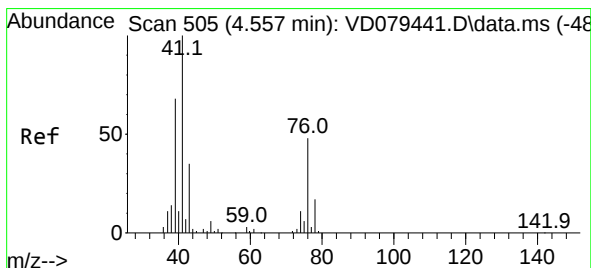
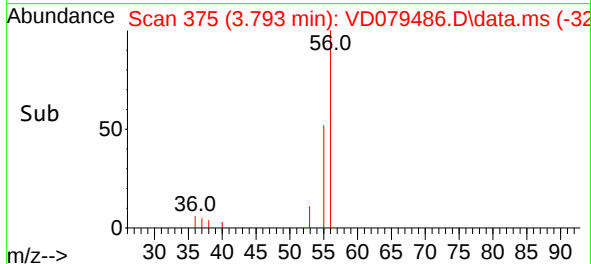
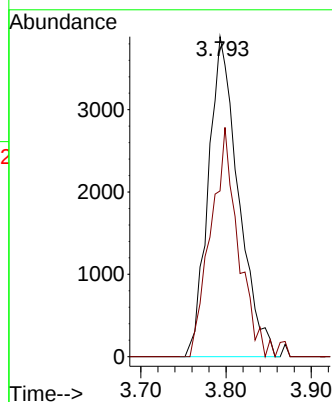
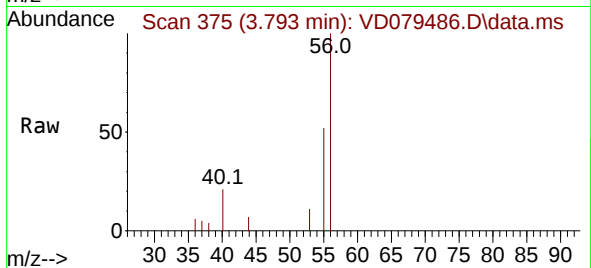




#13
Acrolein
Concen: 123.630 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

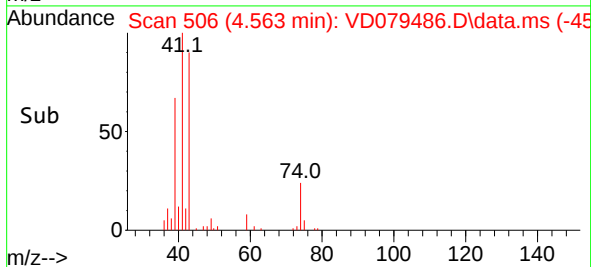
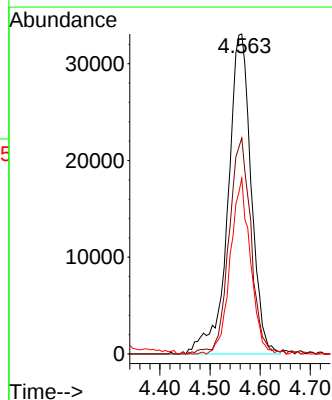
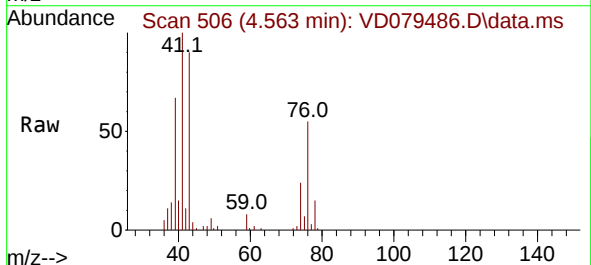
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 56 Resp: 9541
Ion Ratio Lower Upper
56 100
55 65.5 55.3 82.9



#14
Allyl chloride
Concen: 71.691 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.012 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 41 Resp: 106342
Ion Ratio Lower Upper
41 100
39 63.9 58.0 87.0
76 47.5 45.9 68.9

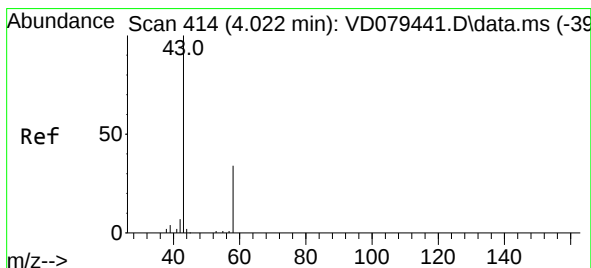
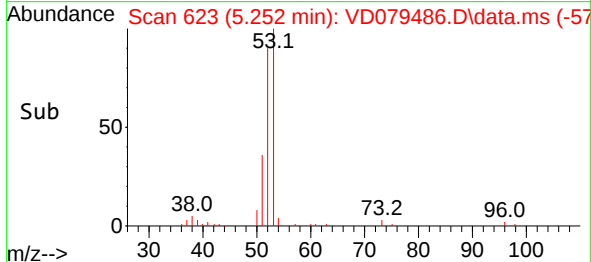
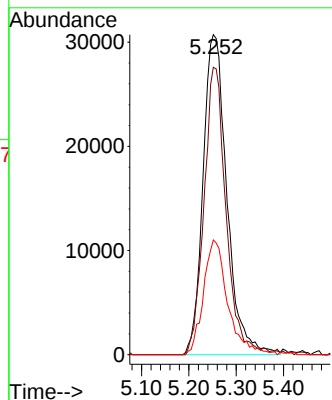
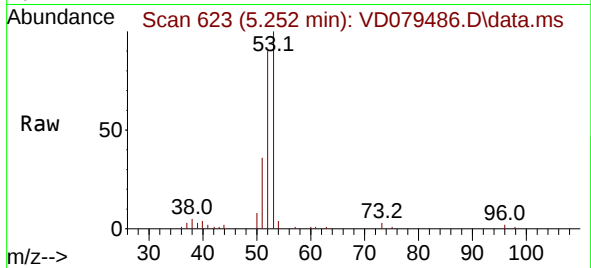




#15
Acrylonitrile
Concen: 428.990 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

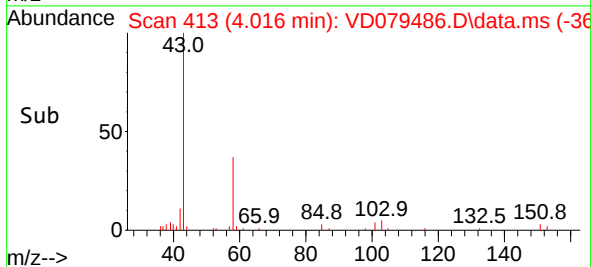
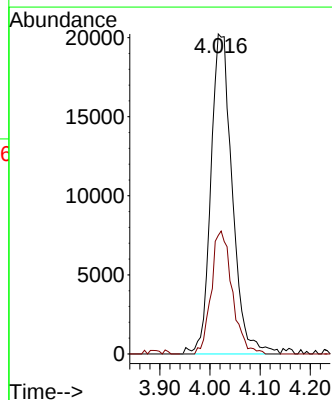
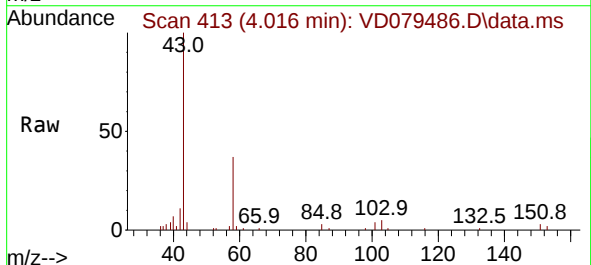
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

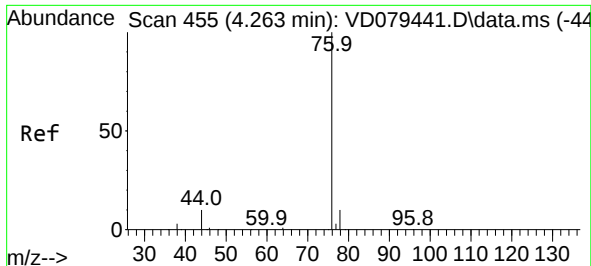
Tgt Ion: 53 Resp: 107469
Ion Ratio Lower Upper
53 100
52 82.6 67.7 101.5
51 36.5 28.6 42.8



#16
Acetone
Concen: 292.849 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 43 Resp: 60110
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

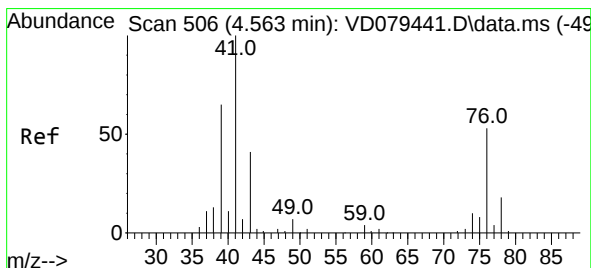
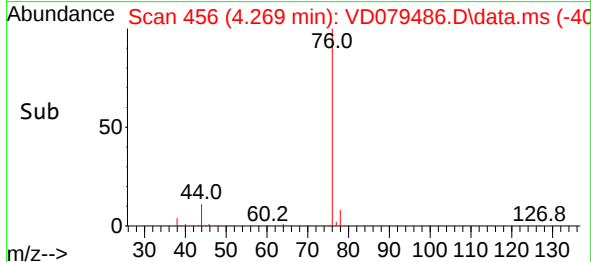
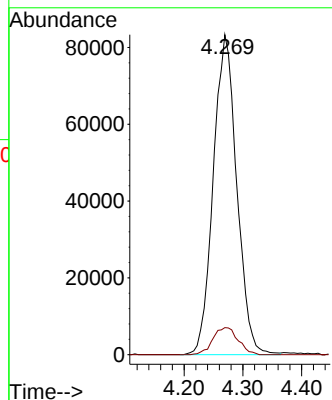
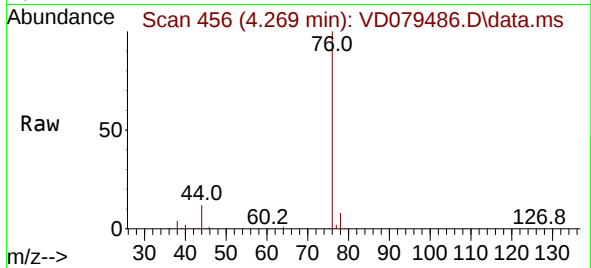




#17
Carbon Disulfide
Concen: 62.406 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

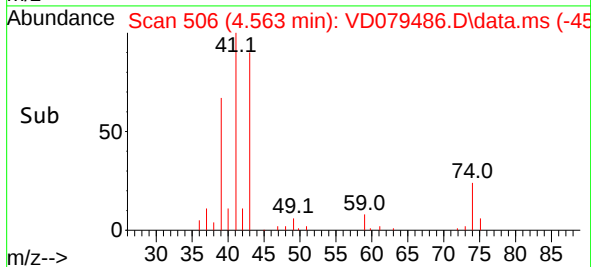
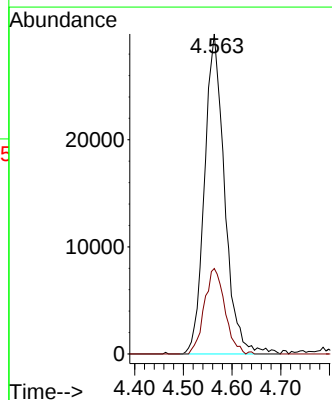
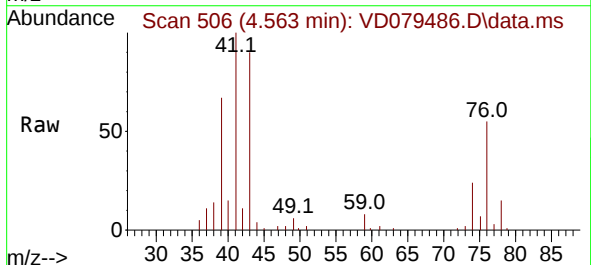
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

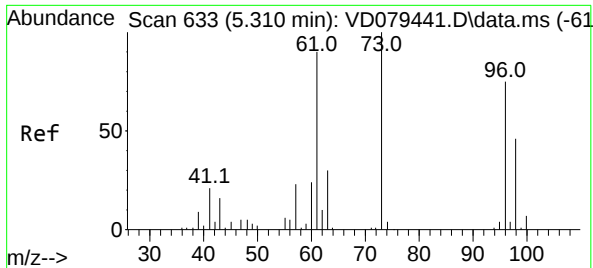
Tgt Ion: 76 Resp: 231395
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 134.381 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 43 Resp: 85639
Ion Ratio Lower Upper
43 100
74 27.1 28.1 42.1#

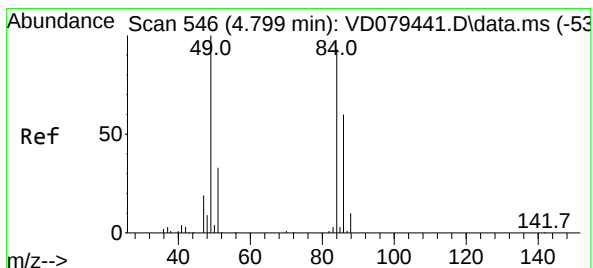
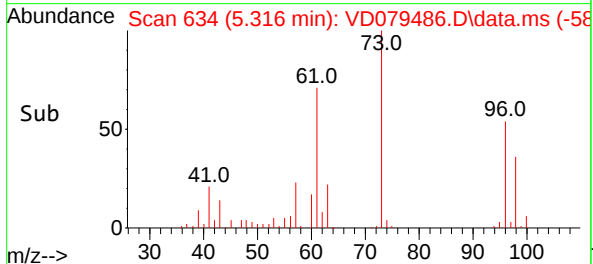
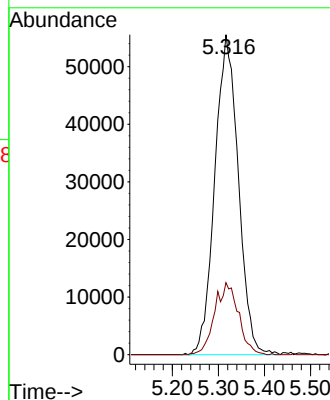
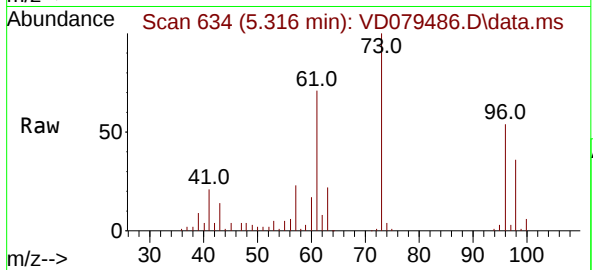




#19
Methyl tert-butyl Ether
Concen: 85.614 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

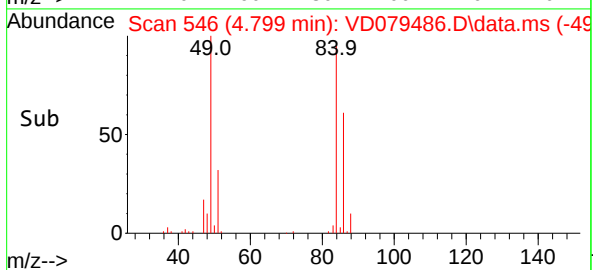
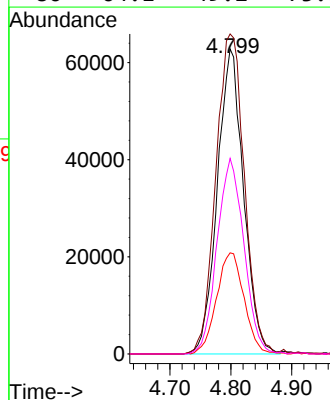
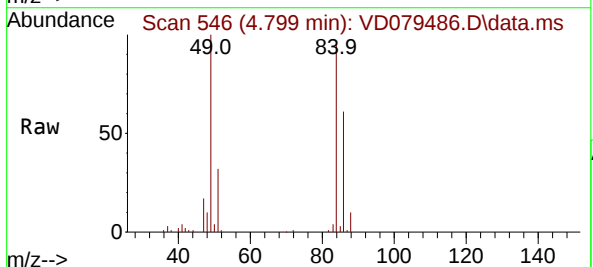
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

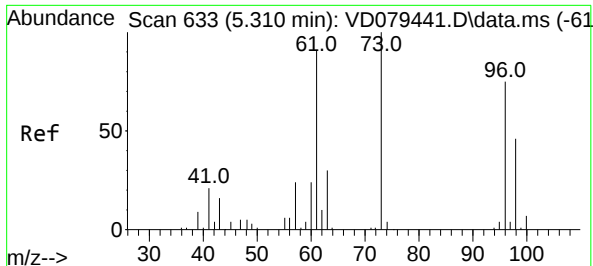
Tgt Ion: 73 Resp: 196307
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 129.893 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 84 Resp: 188095
Ion Ratio Lower Upper
84 100
49 105.0 75.6 113.4
51 33.2 24.2 36.2
86 64.1 49.2 73.8

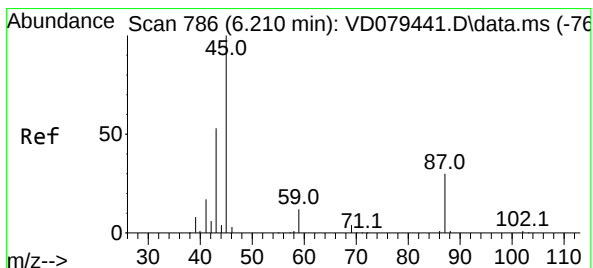
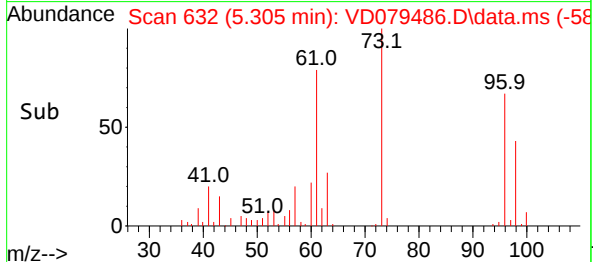
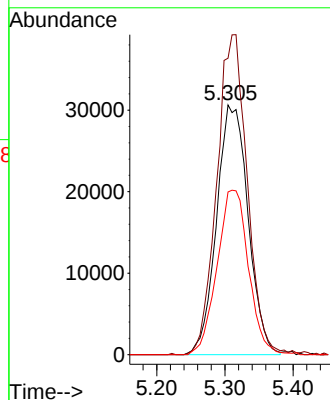
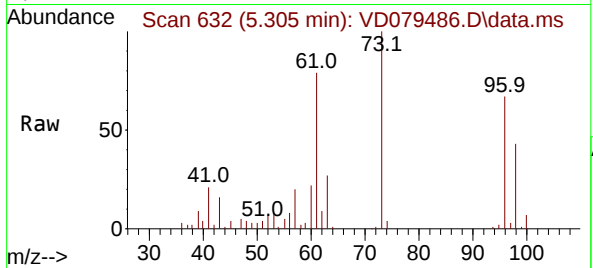




#21
trans-1,2-Dichloroethene
Concen: 78.143 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

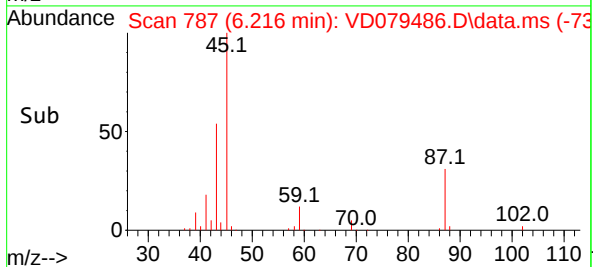
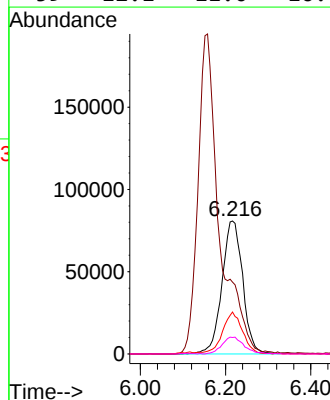
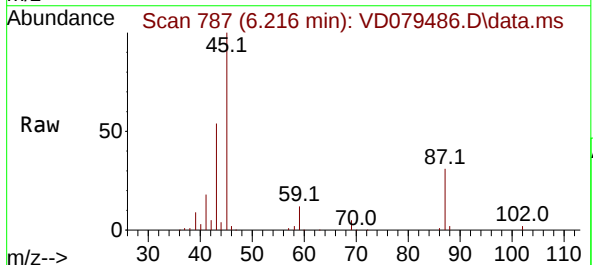
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

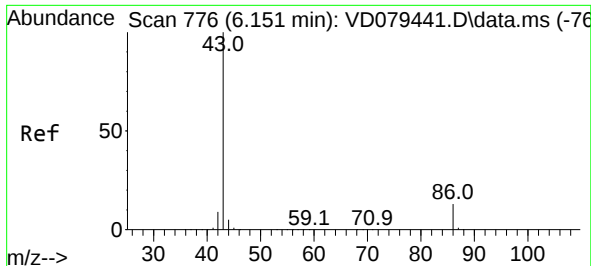
Tgt Ion: 96 Resp: 98609
Ion Ratio Lower Upper
96 100
61 118.7 84.5 126.7
98 65.1 50.5 75.7



#22
Diisopropyl ether
Concen: 83.073 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 45 Resp: 274172
Ion Ratio Lower Upper
45 100
43 53.5 41.7 62.5
87 31.2 30.2 45.2
59 12.1 11.0 16.6

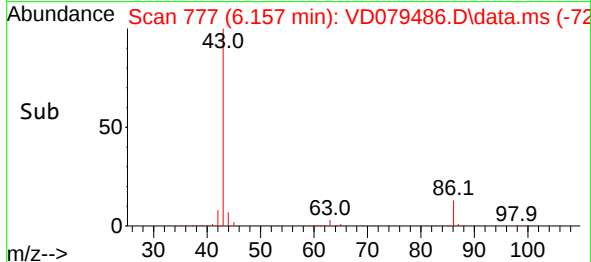
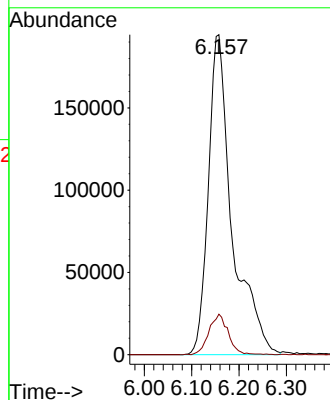
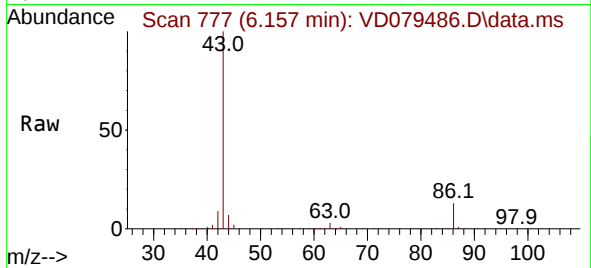




#23
 Vinyl Acetate
 Concen: 273.178 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

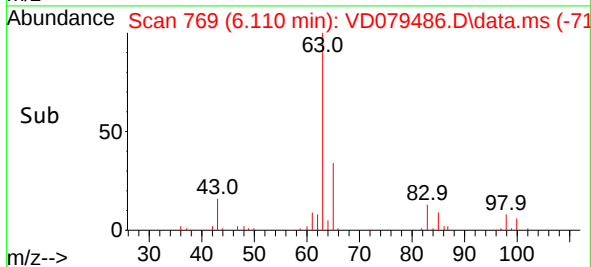
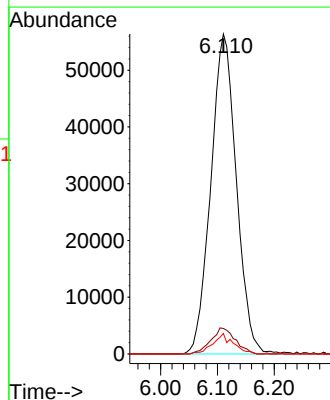
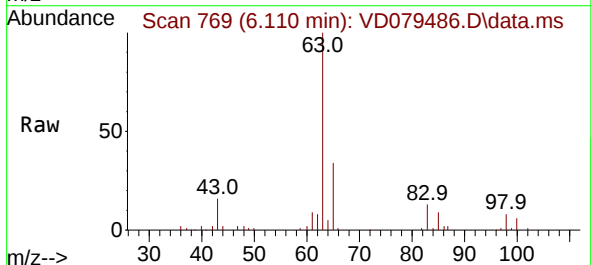
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

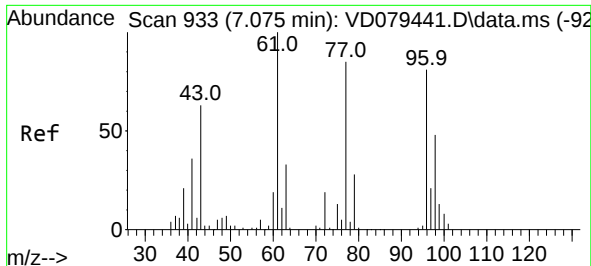
Tgt Ion: 43 Resp: 677745
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 79.585 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

Tgt Ion: 63 Resp: 176020
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.7 14.0
 100 6.4 2.9 8.6

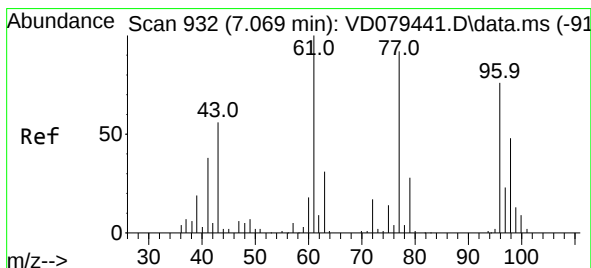
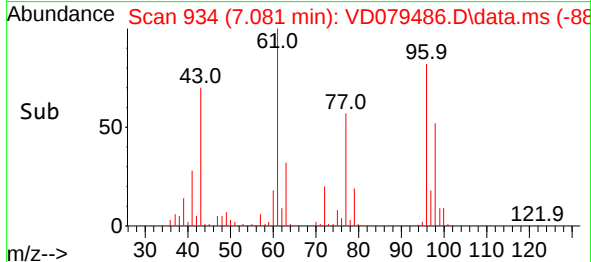
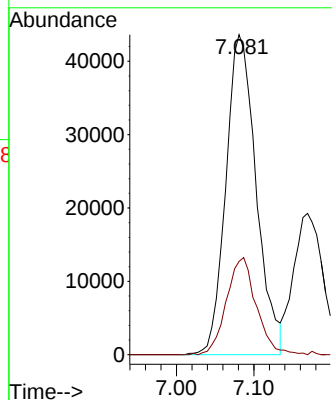
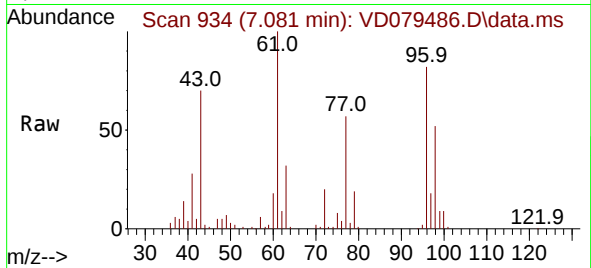




#25
2-Butanone
Concen: 408.189 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

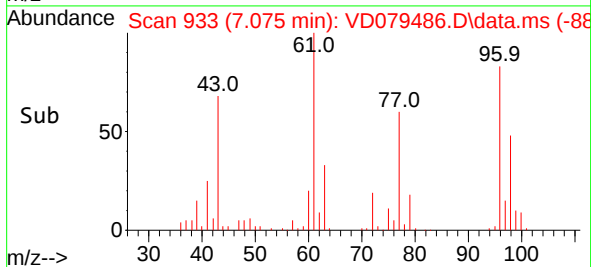
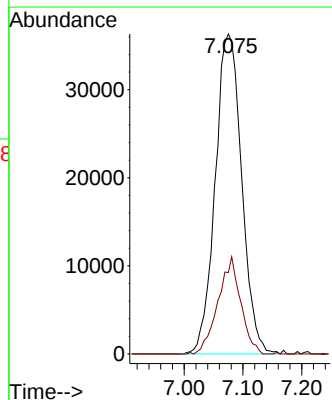
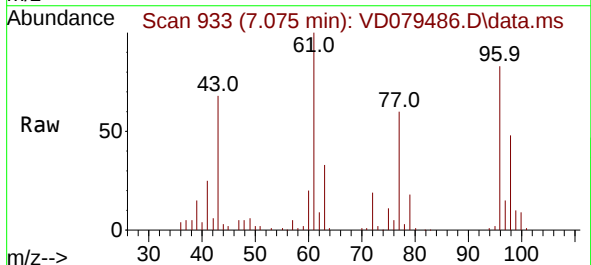
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

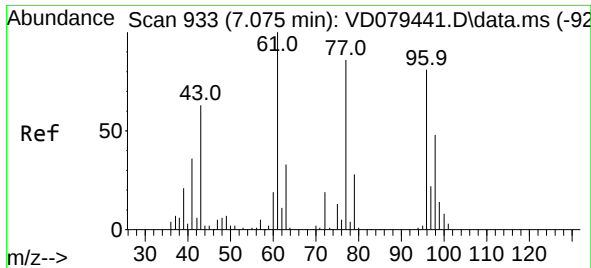
Tgt Ion: 43 Resp: 118783
Ion Ratio Lower Upper
43 100
72 29.2 26.4 39.6



#26
2,2-Dichloropropane
Concen: 63.518 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 77 Resp: 113633
Ion Ratio Lower Upper
77 100
97 25.9 12.4 37.2

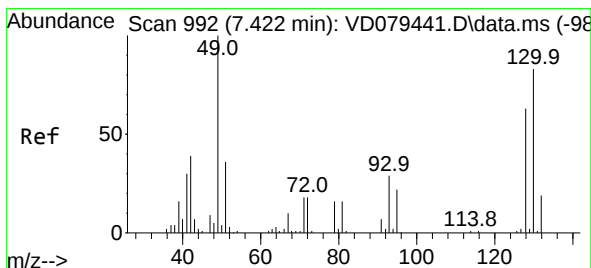
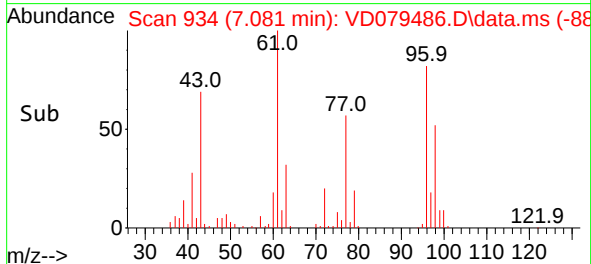
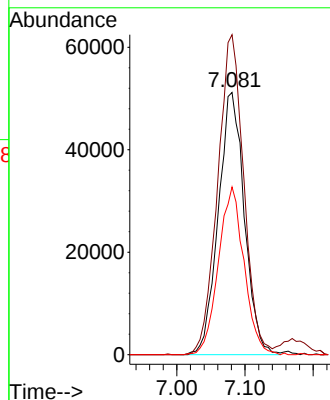
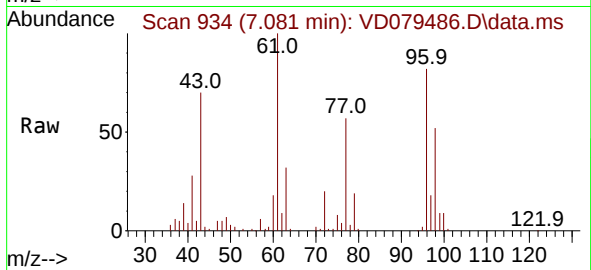




#27
 cis-1,2-Dichloroethene
 Concen: 94.359 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

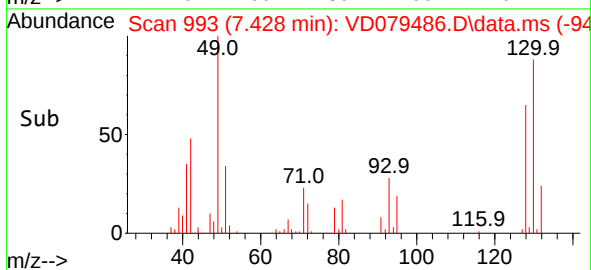
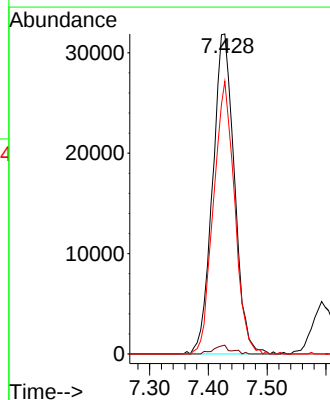
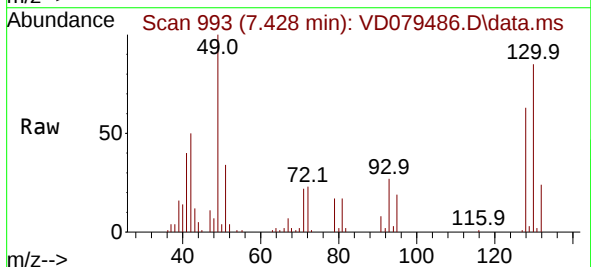
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 96 Resp: 136104
 Ion Ratio Lower Upper
 96 100
 61 122.2 0.0 229.0
 98 63.0 0.0 127.2



#28
 Bromochloromethane
 Concen: 84.746 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

Tgt Ion: 49 Resp: 82192
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 7.0
 130 82.4 87.7 131.5#

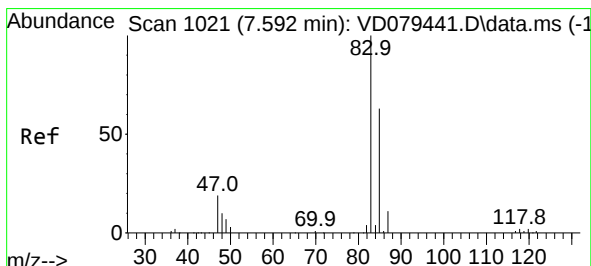
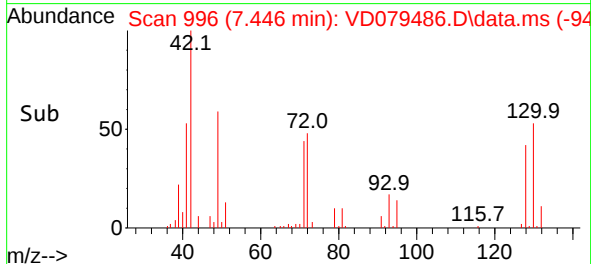
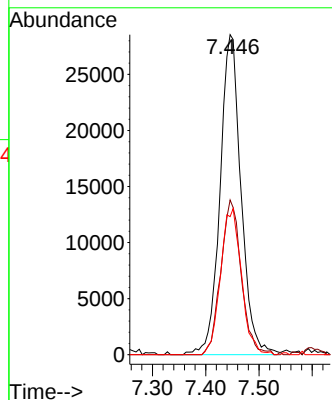
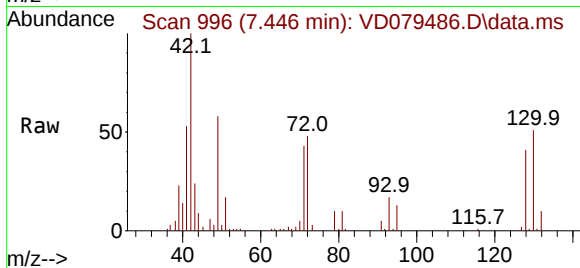




#29
Tetrahydrofuran
Concen: 434.354 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

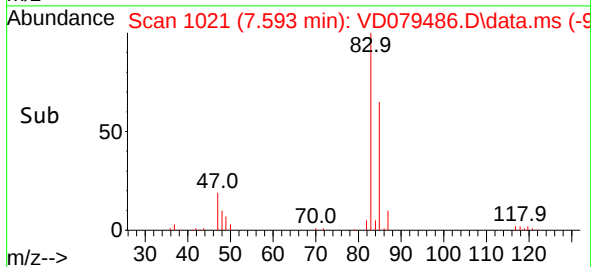
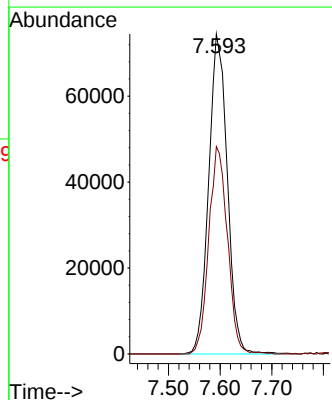
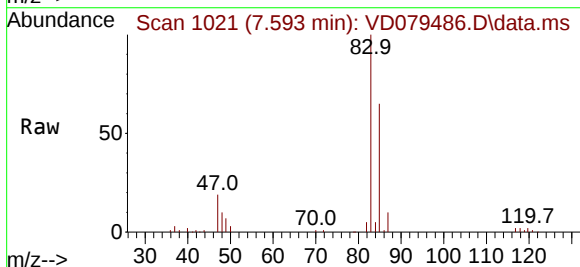
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

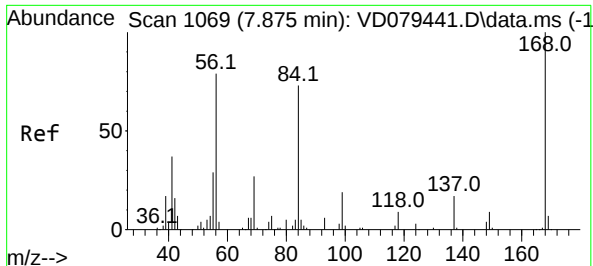
Tgt Ion: 42 Resp: 78332
Ion Ratio Lower Upper
42 100
72 47.0 49.4 74.0#
71 45.3 45.0 67.6



#30
Chloroform
Concen: 83.218 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

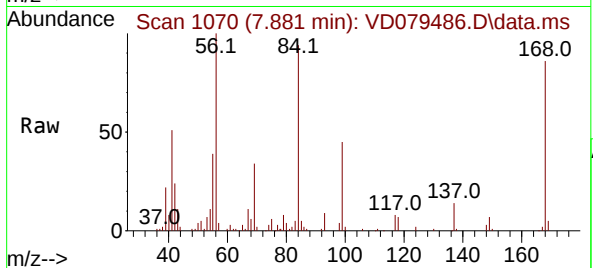
Tgt Ion: 83 Resp: 186388
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.6



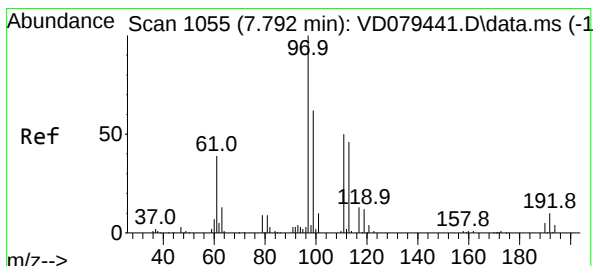
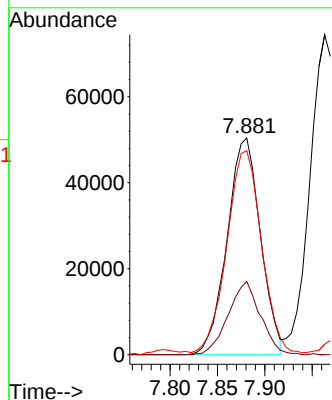
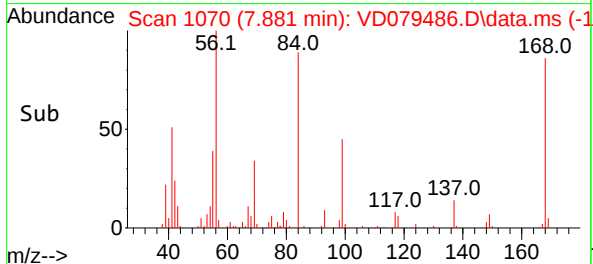


#31
Cyclohexane
Concen: 70.353 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

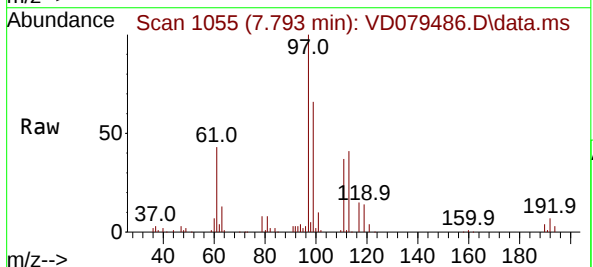
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD



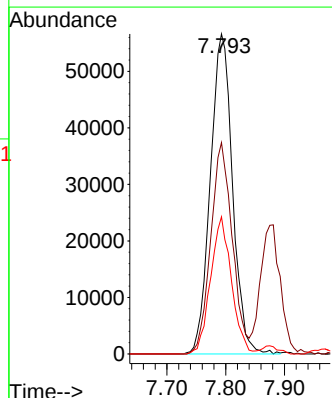
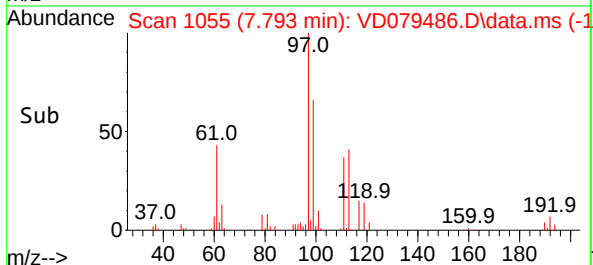
Tgt Ion: 56 Resp: 123406
Ion Ratio Lower Upper
56 100
69 33.9 28.0 42.0
84 93.0 87.4 131.0

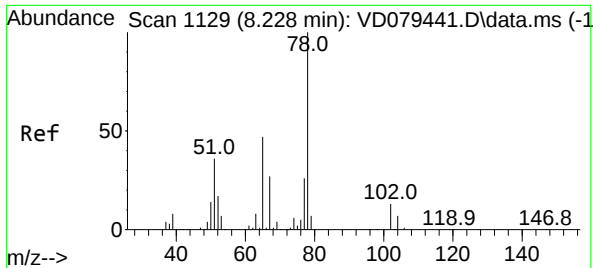


#32
1,1,1-Trichloroethane
Concen: 80.284 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30



Tgt Ion: 97 Resp: 148380
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 40.3 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 67.706 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

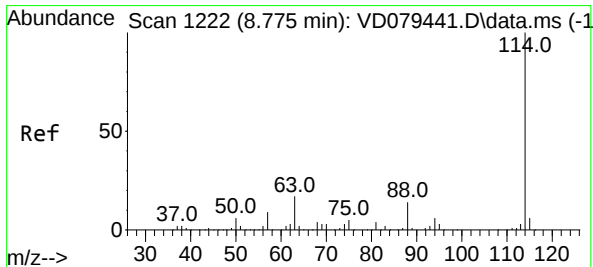
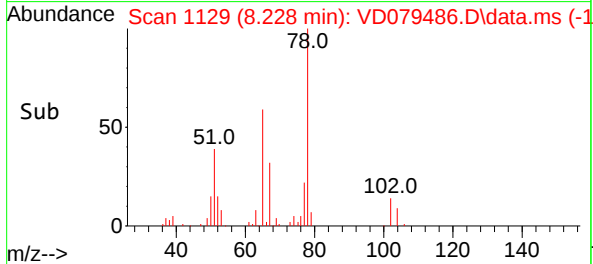
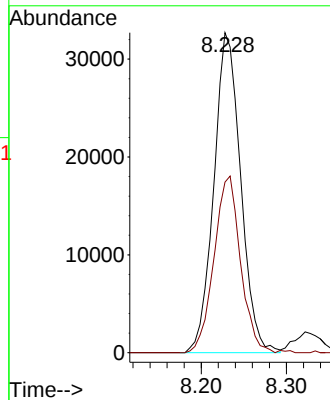
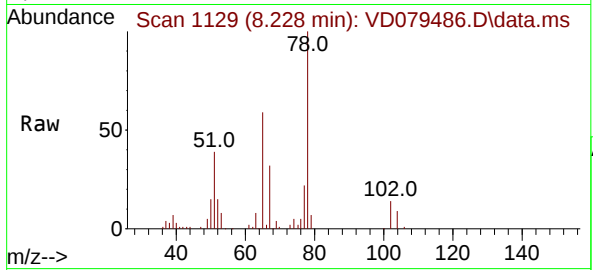
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 65 Resp: 71509

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

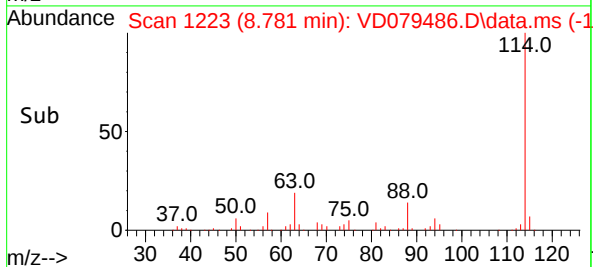
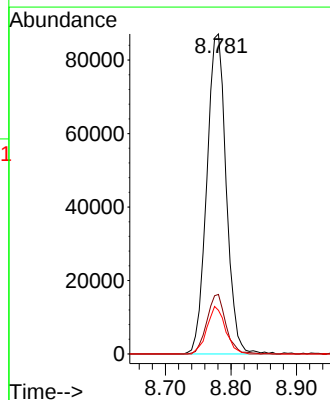
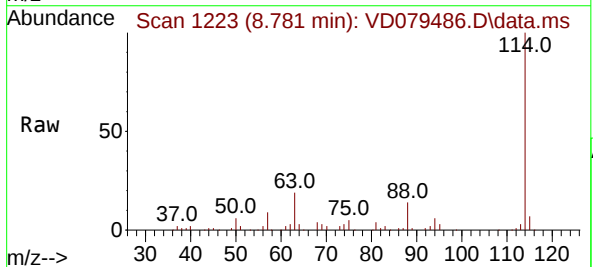
Tgt Ion: 114 Resp: 179127

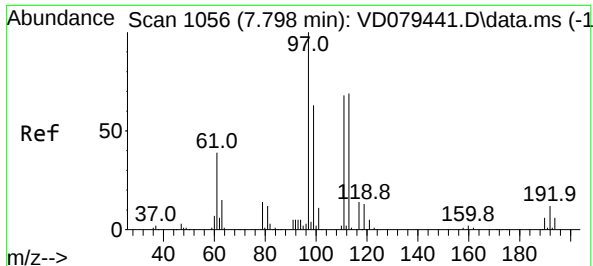
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 13.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 61.537 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079486.D

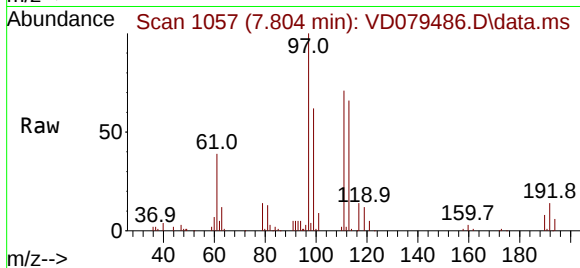
Acq: 31 Jul 2024 06:30

Instrument :

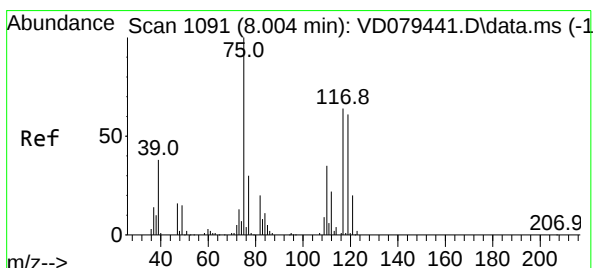
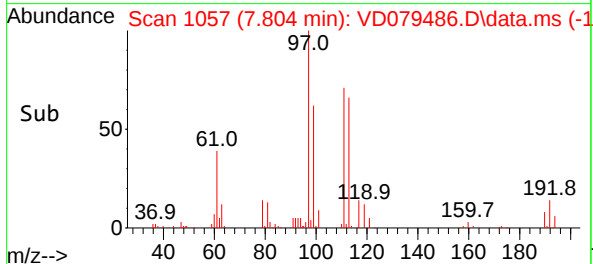
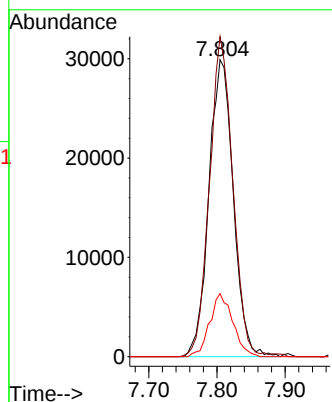
MSVOA_D

ClientSampleId :

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



Tgt Ion:	113	Resp:	74608
Ion Ratio	Lower	Upper	
113	100		
111	102.8	84.0	126.0
192	20.1	15.4	23.0



#36

1,1-Dichloropropene

Concen: 74.924 ug/l

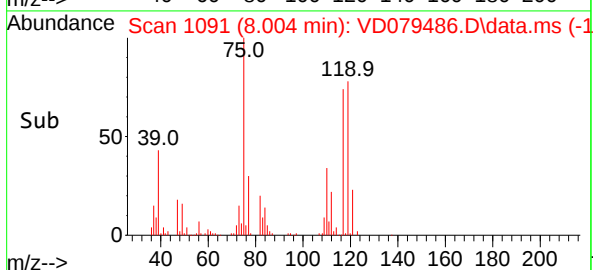
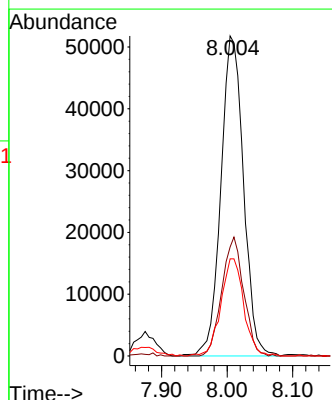
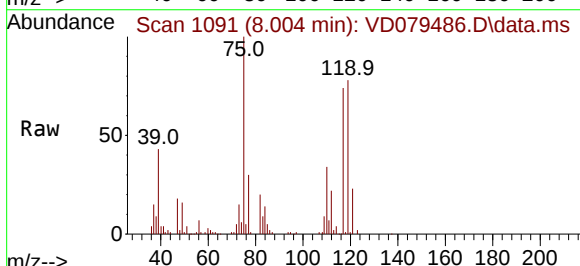
RT: 8.004 min Scan# 1091

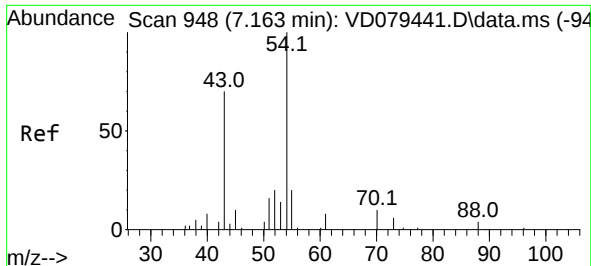
Delta R.T. -0.006 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Tgt Ion:	75	Resp:	123986
Ion Ratio	Lower	Upper	
75	100		
110	35.9	19.6	58.7
77	30.8	26.1	39.1

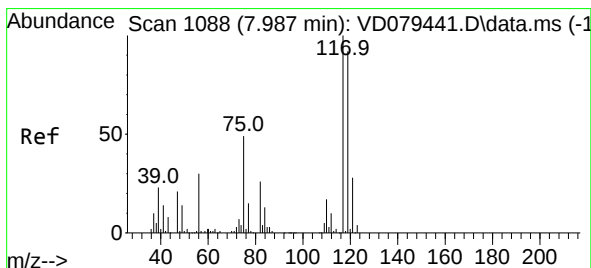
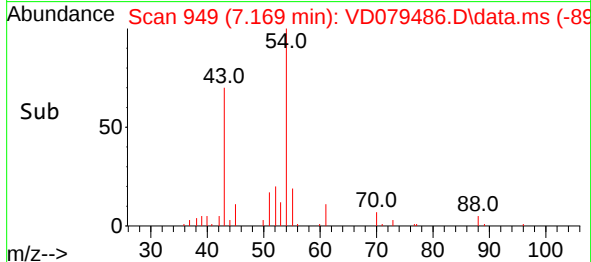
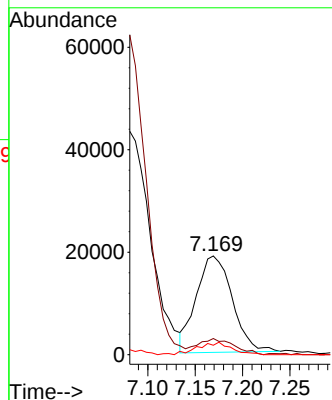
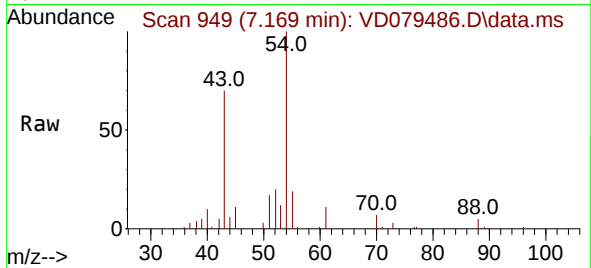




#37
Ethyl Acetate
Concen: 73.445 ug/l
RT: 7.169 min Scan# 948
Delta R.T. -0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

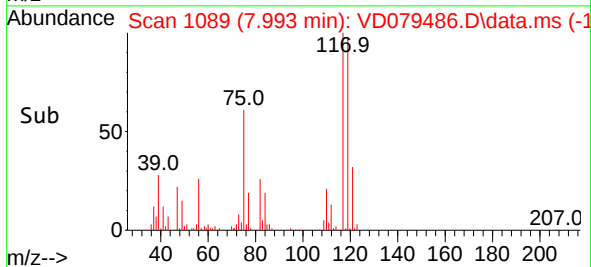
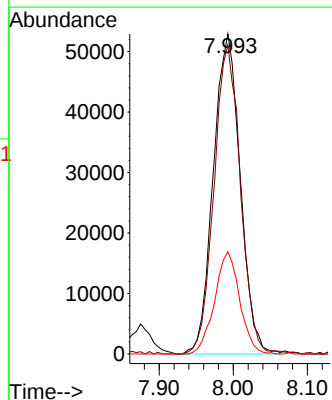
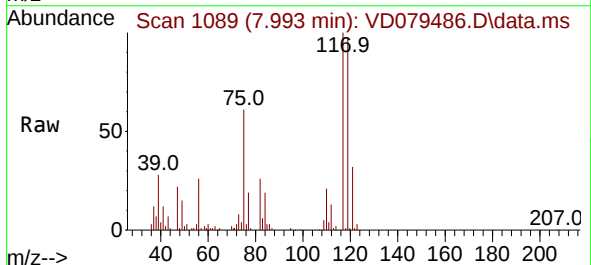
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

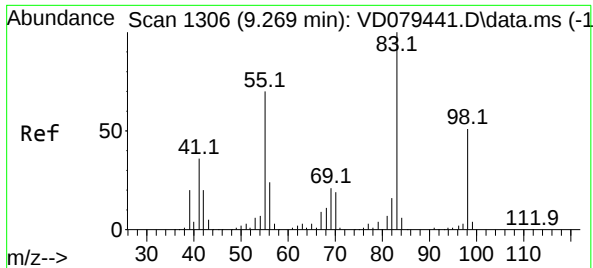
Tgt Ion: 43	Resp: 49831
Ion Ratio	Lower Upper
43	100
61	16.7 13.9 20.9
70	12.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 76.660 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 117	Resp: 133358
Ion Ratio	Lower Upper
117	100
119	96.6 75.4 113.0
121	32.0 25.0 37.4





#39

Methylcyclohexane

Concen: 72.898 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

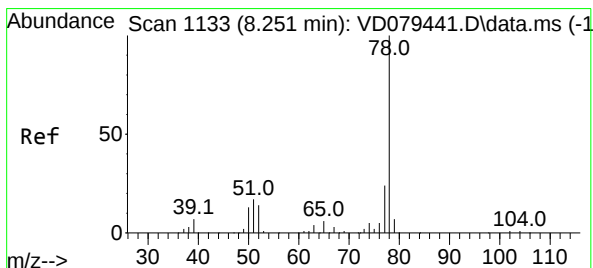
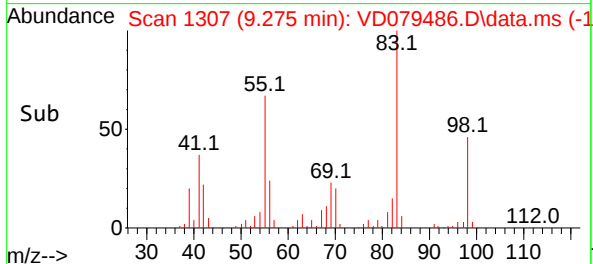
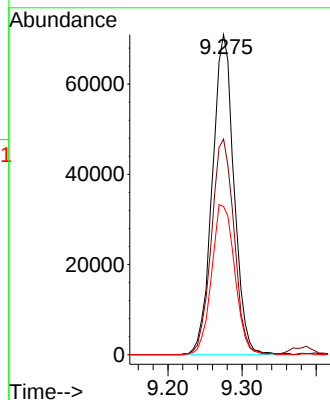
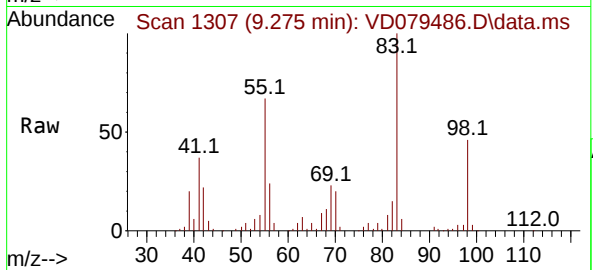
Tgt Ion: 83 Resp: 143933

Ion Ratio Lower Upper

83 100

55 67.4 50.1 75.1

98 46.3 41.9 62.9



#40

Benzene

Concen: 77.065 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079486.D

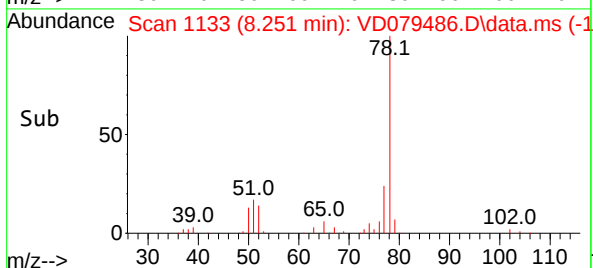
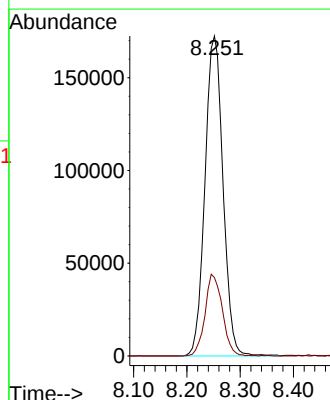
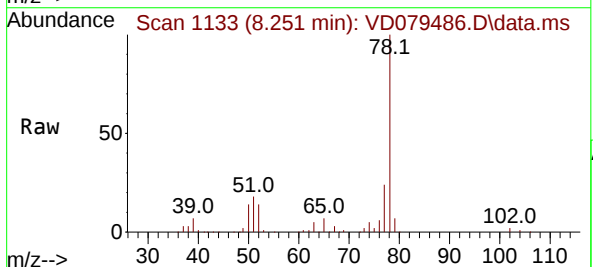
Acq: 31 Jul 2024 06:30

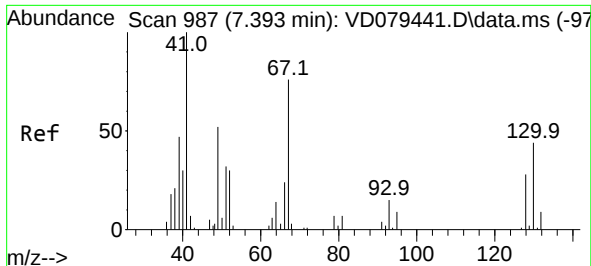
Tgt Ion: 78 Resp: 405052

Ion Ratio Lower Upper

78 100

77 24.5 18.1 27.1

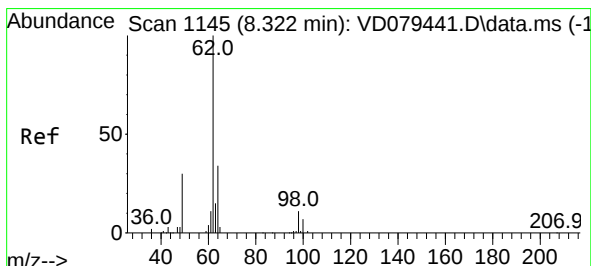
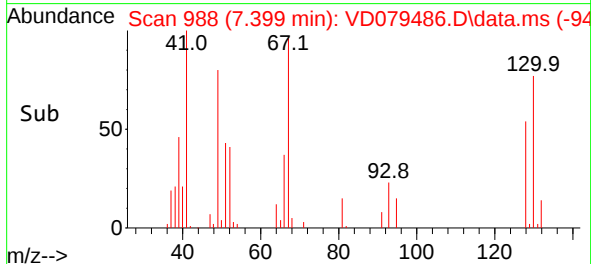
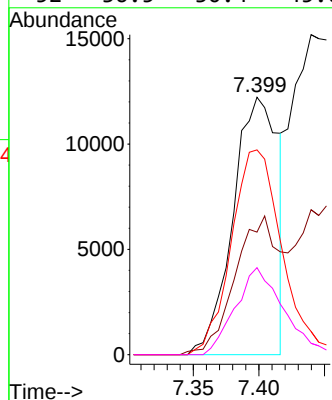
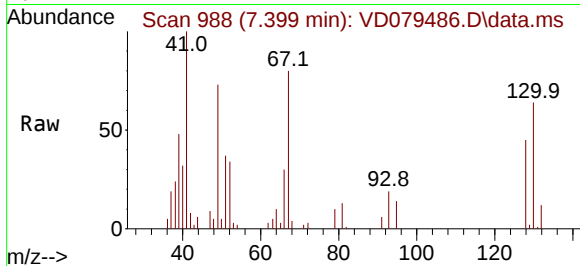




#41
Methacrylonitrile
Concen: 78.400 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

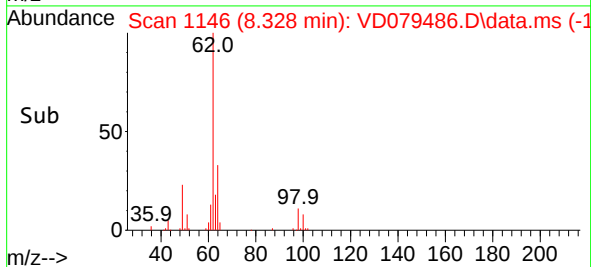
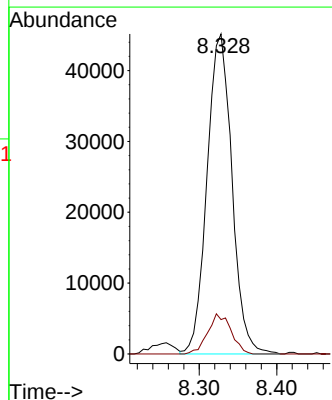
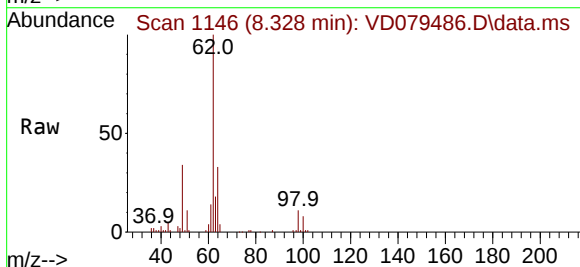
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

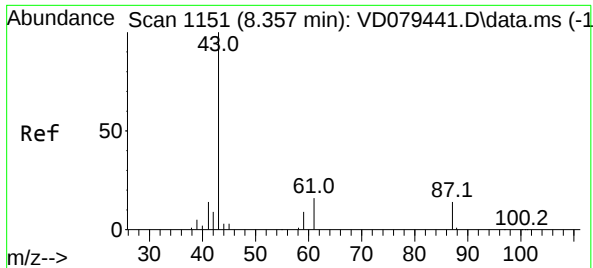
Tgt Ion:	41	Resp:	29259
Ion	Ratio	Lower	Upper
41	100		
39	56.3	41.4	62.0
67	89.1	85.8	128.6
52	36.5	30.4	45.6



#42
1,2-Dichloroethane
Concen: 80.615 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:	62	Resp:	100968
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.8

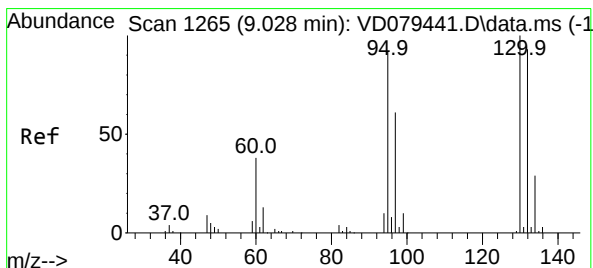
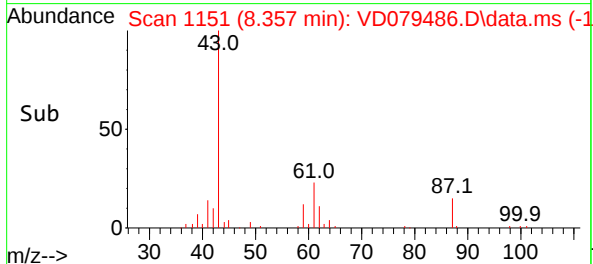
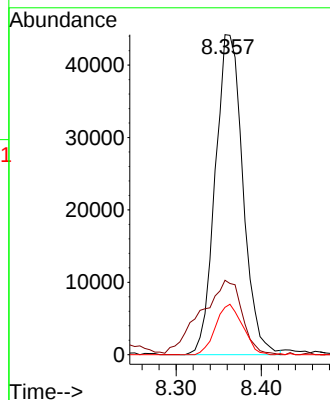
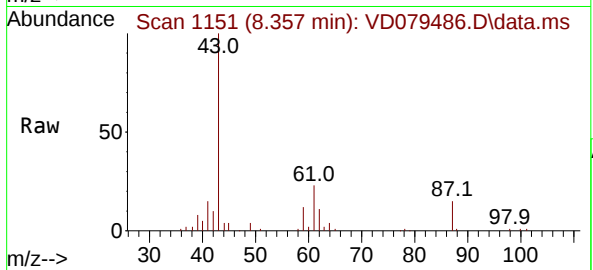




#43
Isopropyl Acetate
Concen: 78.201 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

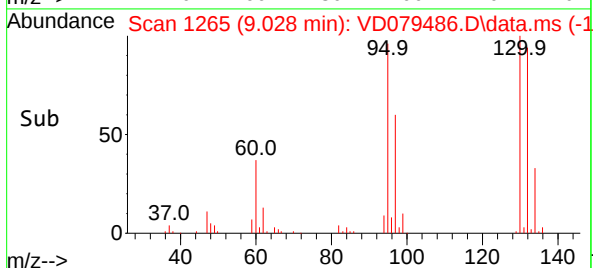
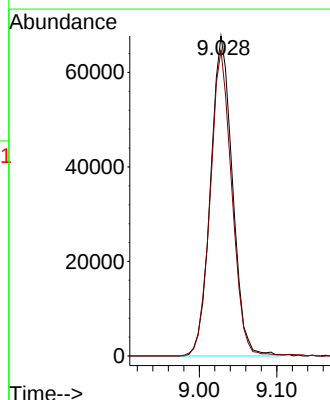
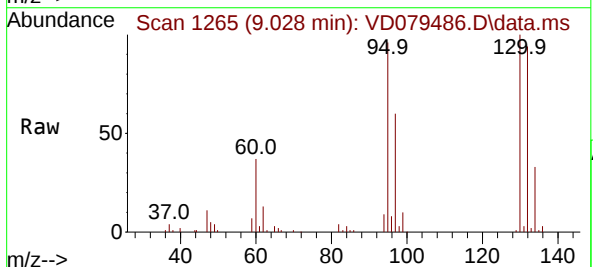
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:	43	Resp:	99718
Ion	Ratio	Lower	Upper
43	100		
61	34.6	29.3	43.9
87	15.4	14.9	22.3



#44
Trichloroethene
Concen: 101.424 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:	130	Resp:	132703
Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	177.8





#45

1,2-Dichloropropane

Concen: 80.350 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

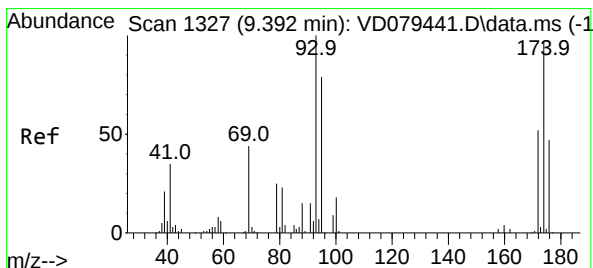
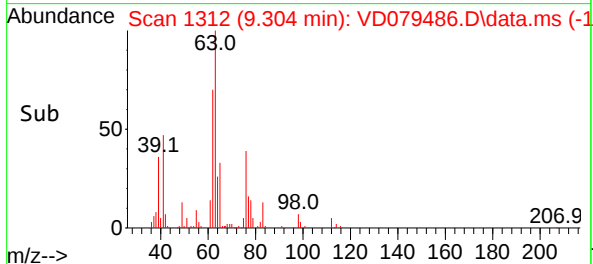
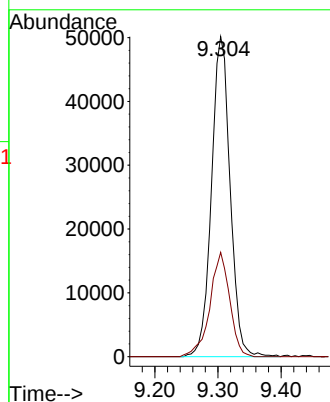
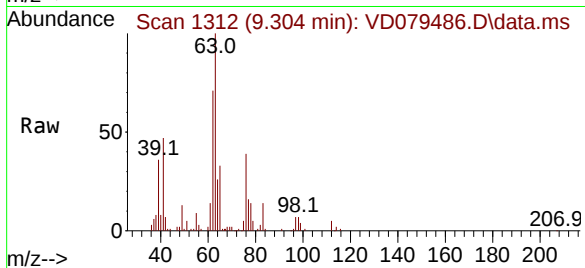
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 63 Resp: 102775

Ion Ratio Lower Upper

63 100

65 32.6 23.8 35.8



#46

Dibromomethane

Concen: 84.651 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

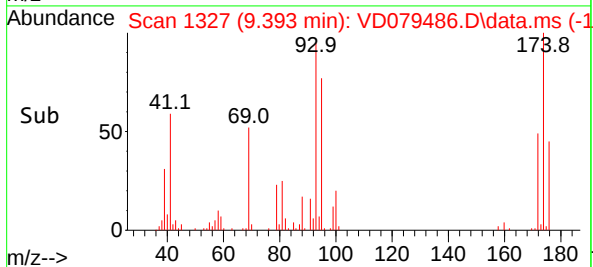
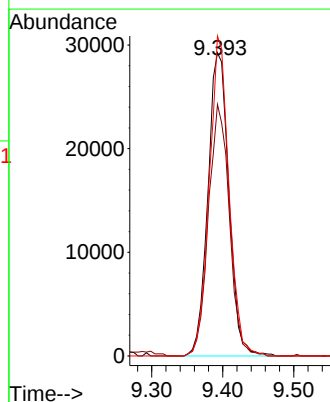
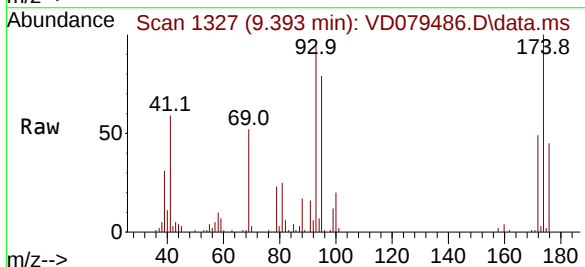
Tgt Ion: 93 Resp: 60025

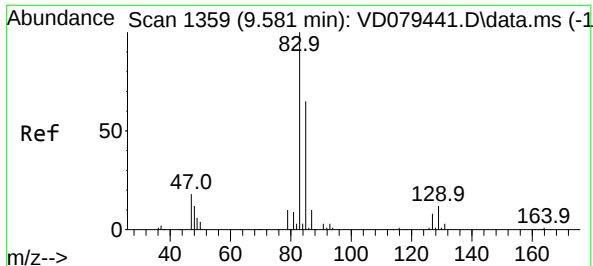
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 99.2 82.3 123.5





#47

Bromodichloromethane

Concen: 81.775 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD079486.D

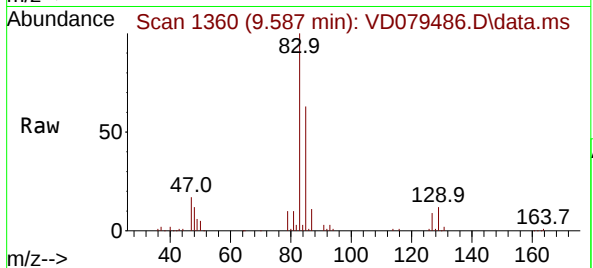
Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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



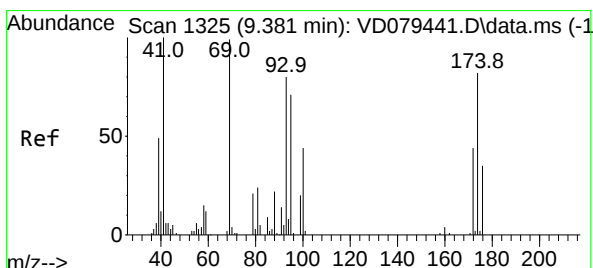
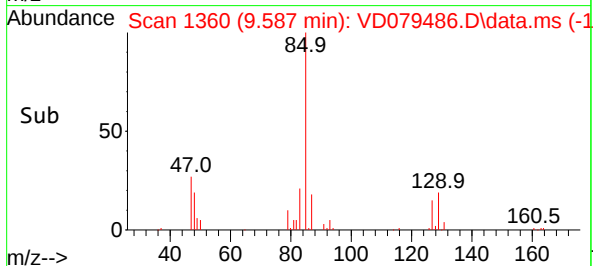
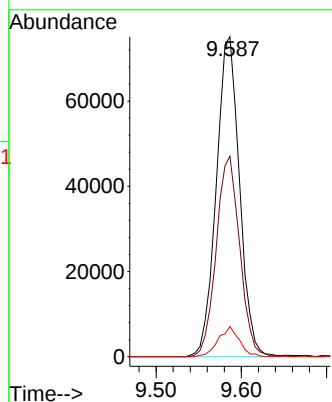
Tgt Ion: 83 Resp: 142381

Ion Ratio Lower Upper

83 100

85 62.7 50.1 75.1

127 9.4 6.8 10.2



#48

Methyl methacrylate

Concen: 82.630 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

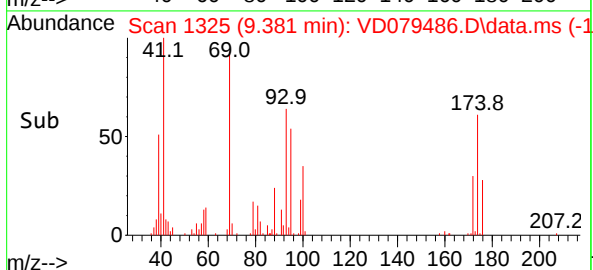
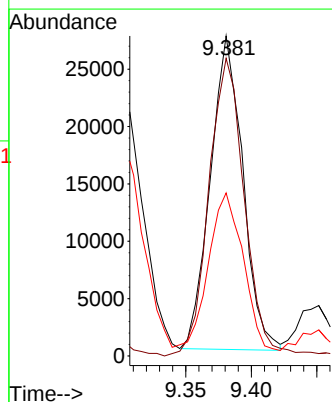
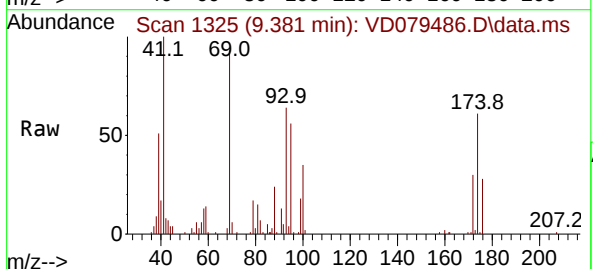
Tgt Ion: 41 Resp: 47154

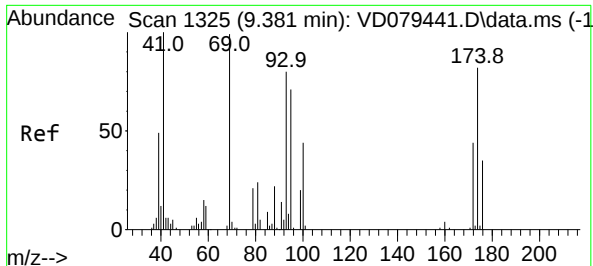
Ion Ratio Lower Upper

41 100

69 104.2 96.7 145.1

39 56.5 43.8 65.6





#49

1,4-Dioxane

Concen: 1749.294 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

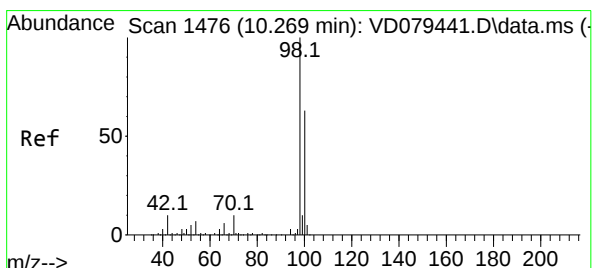
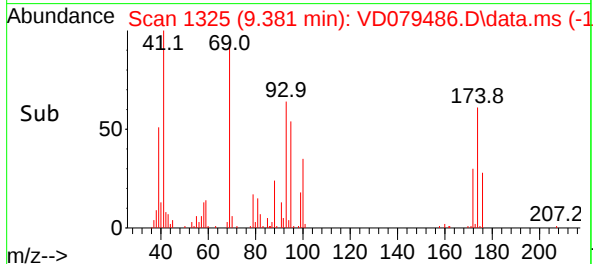
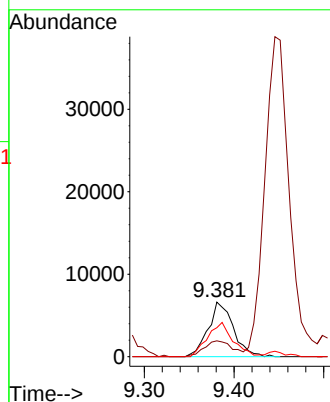
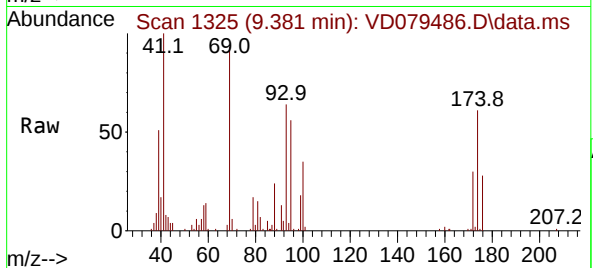
Tgt Ion: 88 Resp: 12853

Ion Ratio Lower Upper

88 100

43 32.9 21.5 32.3#

58 63.8 42.2 63.4#



#50

Toluene-d8

Concen: 49.694 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079486.D

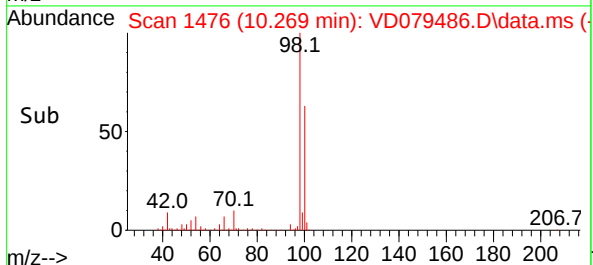
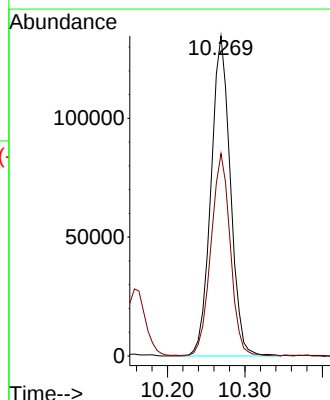
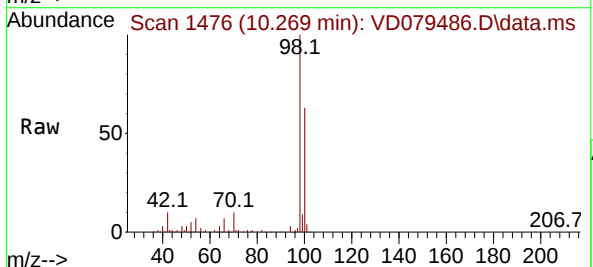
Acq: 31 Jul 2024 06:30

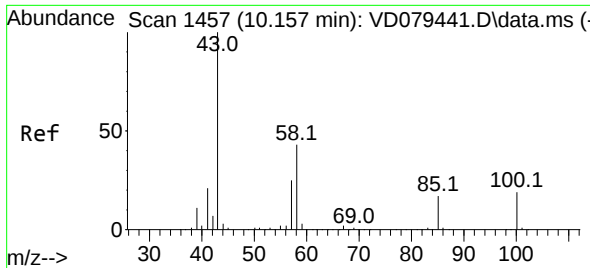
Tgt Ion: 98 Resp: 233973

Ion Ratio Lower Upper

98 100

100 62.7 51.6 77.4

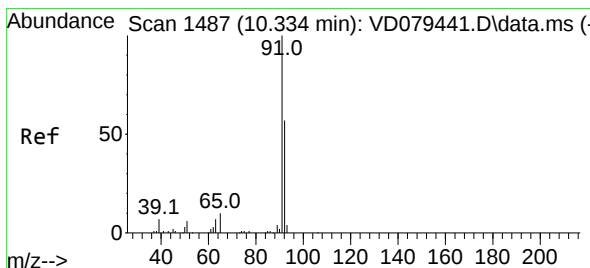
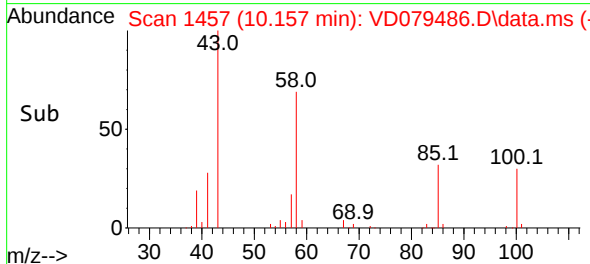
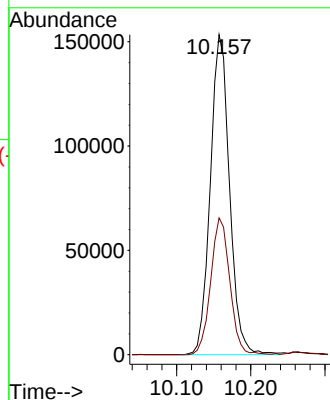
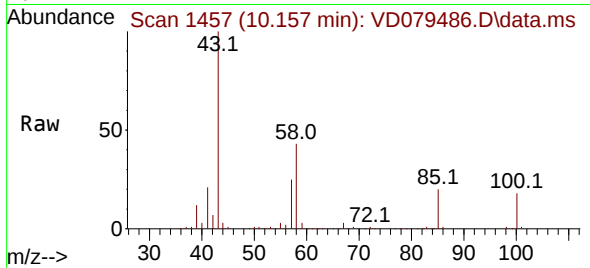




#51
4-Methyl-2-Pentanone
Concen: 424.176 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

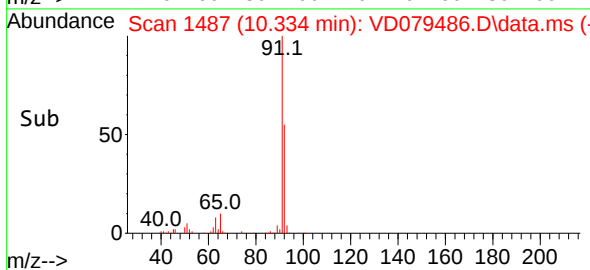
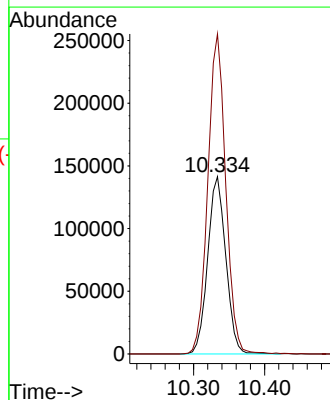
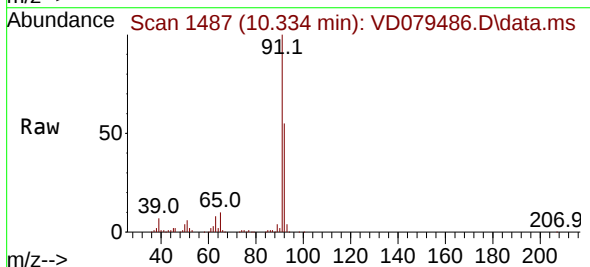
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

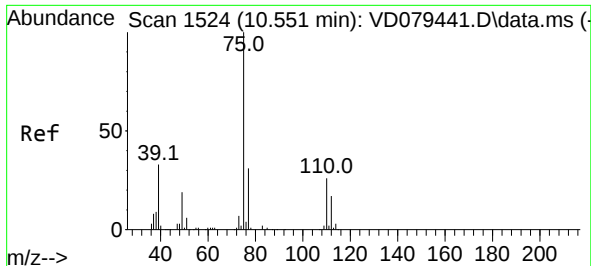
Tgt Ion: 43 Resp: 276149
Ion Ratio Lower Upper
43 100
58 42.5 36.6 55.0



#52
Toluene
Concen: 77.132 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 92 Resp: 250730
Ion Ratio Lower Upper
92 100
91 178.2 141.7 212.5

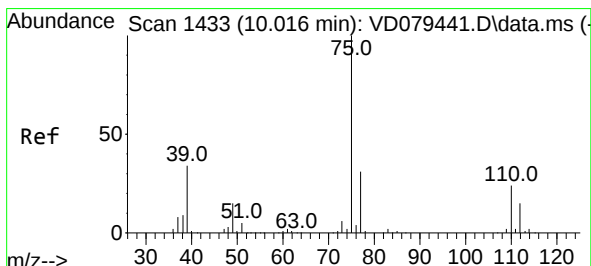
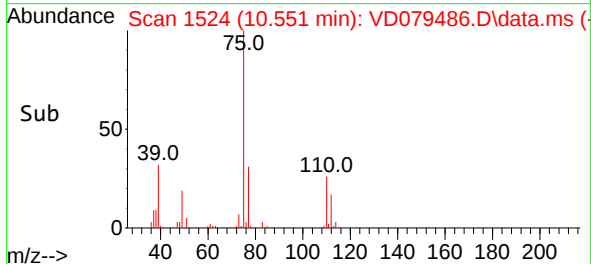
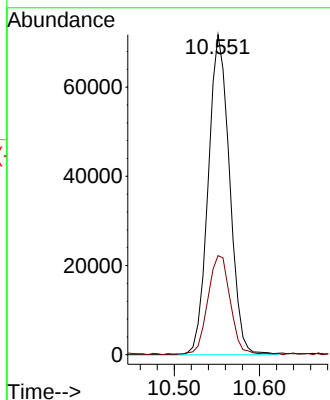
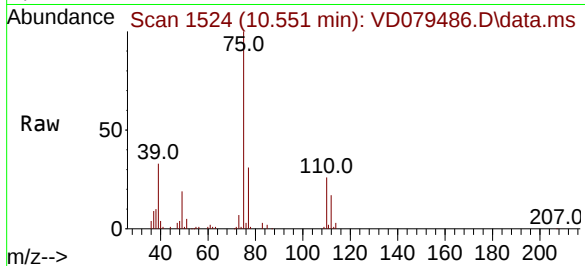




#53
t-1,3-Dichloropropene
Concen: 77.778 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

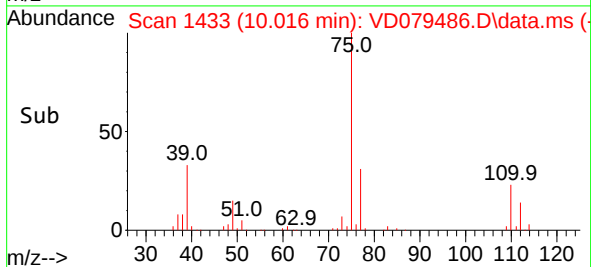
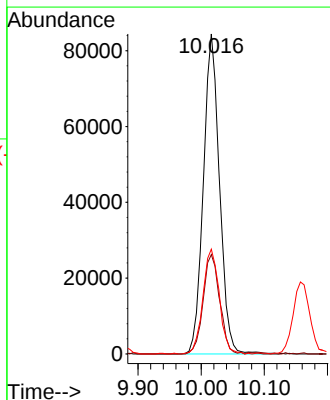
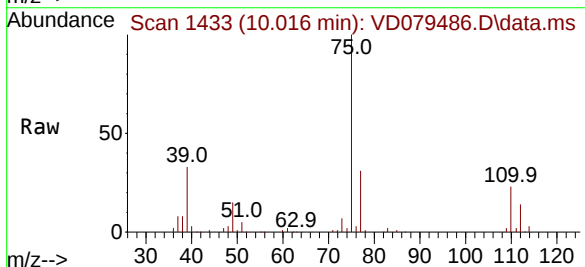
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

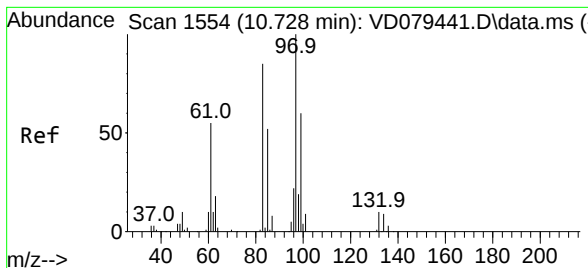
Tgt Ion: 75 Resp: 125059
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 77.613 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 75 Resp: 150108
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6
39 32.8 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 83.507 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion: 97 Resp: 78003

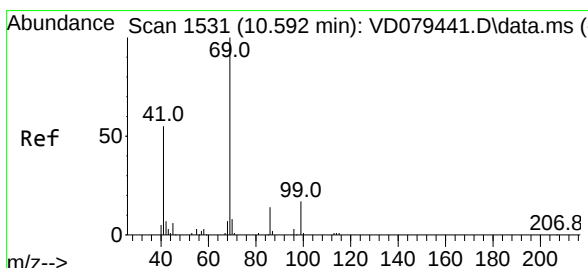
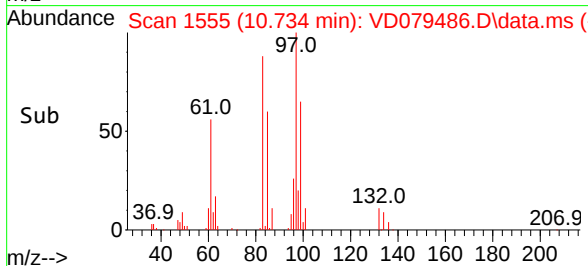
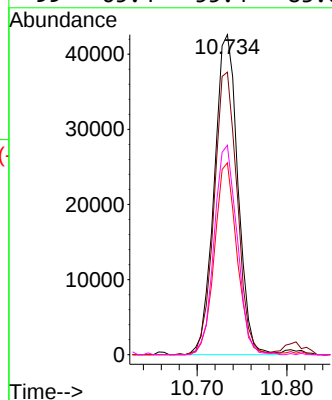
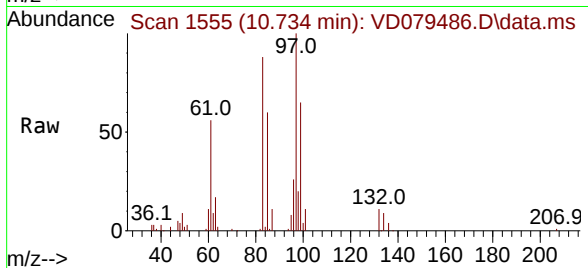
Ion Ratio Lower Upper

97 100

83 87.9 65.8 98.8

85 60.0 43.8 65.8

99 65.4 55.4 83.0



#56

Ethyl methacrylate

Concen: 80.068 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

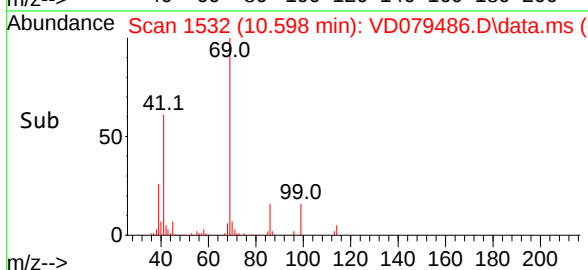
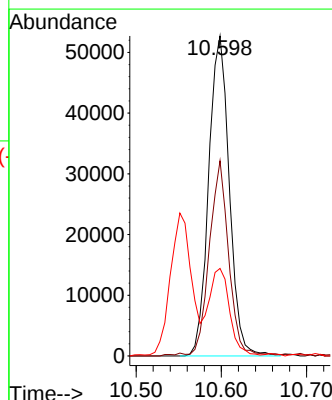
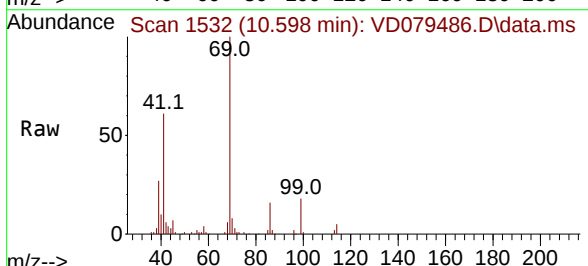
Tgt Ion: 69 Resp: 88618

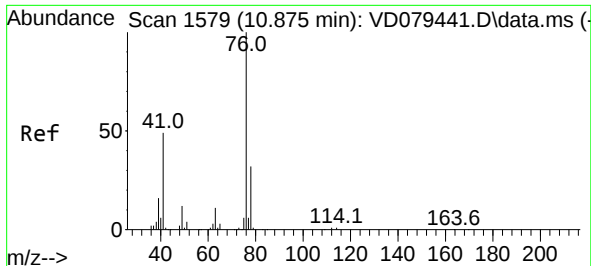
Ion Ratio Lower Upper

69 100

41 57.8 39.8 59.6

39 27.4 20.2 30.4





#57

1,3-Dichloropropane

Concen: 81.840 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

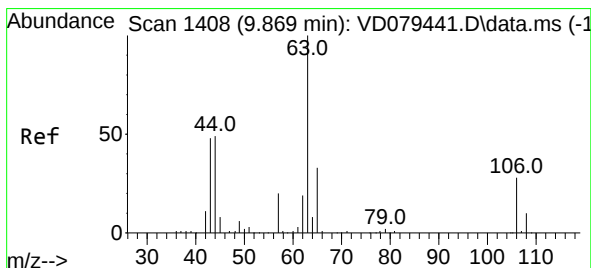
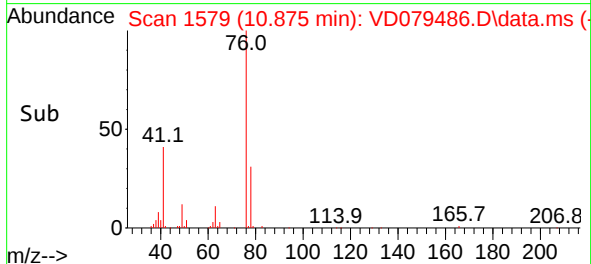
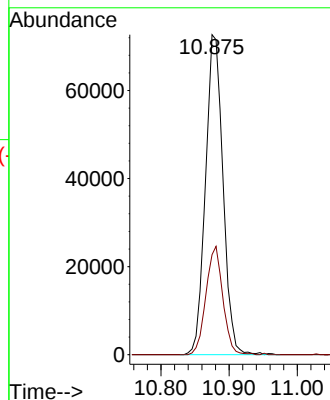
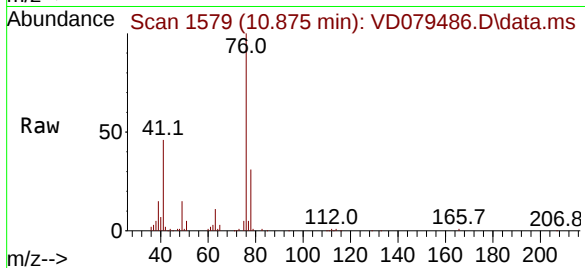
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion: 76 Resp: 129902

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 676.390 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079486.D

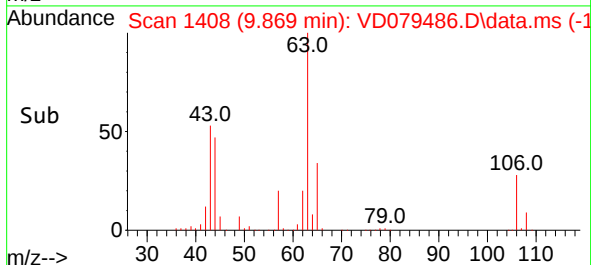
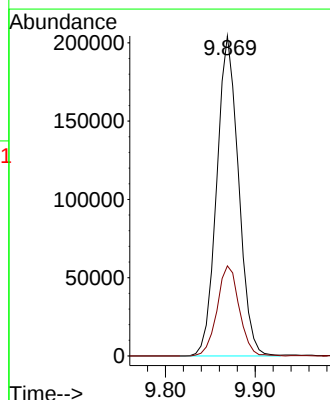
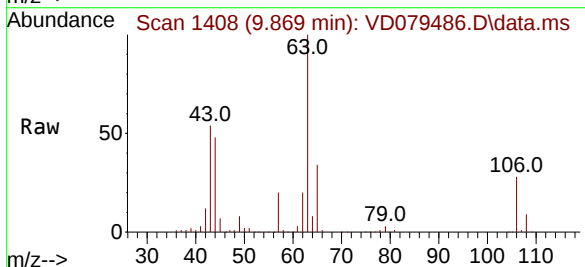
Acq: 31 Jul 2024 06:30

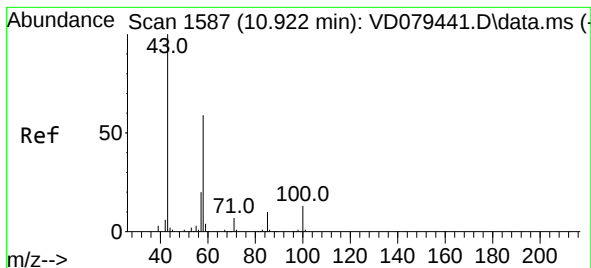
Tgt Ion: 63 Resp: 345240

Ion Ratio Lower Upper

63 100

106 28.5 26.4 39.6

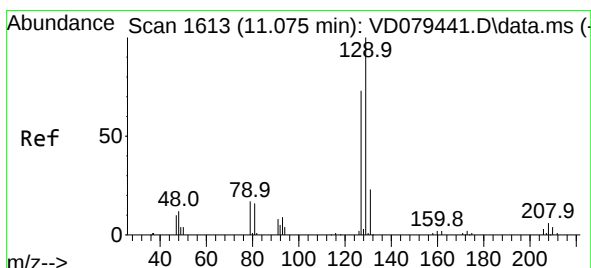
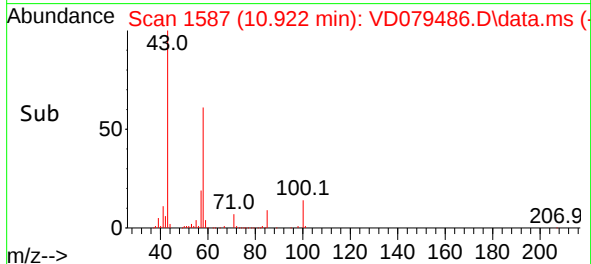
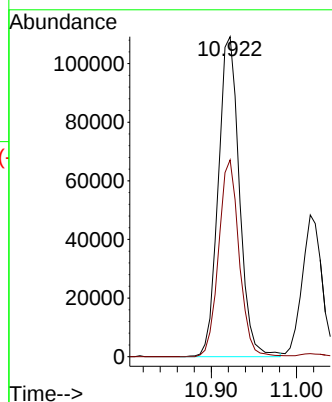
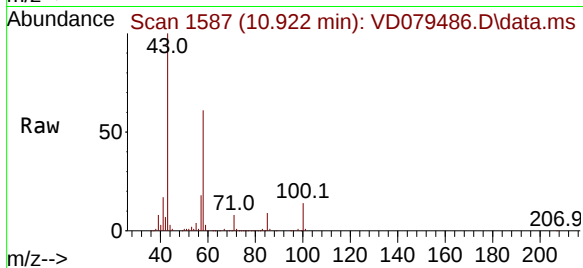




#59
2-Hexanone
Concen: 414.006 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

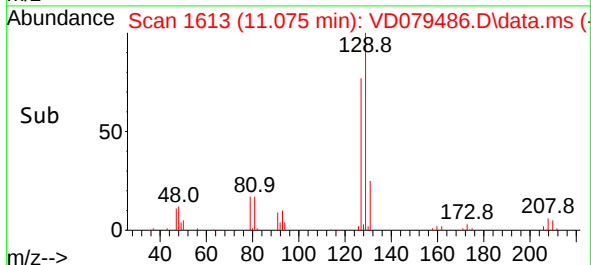
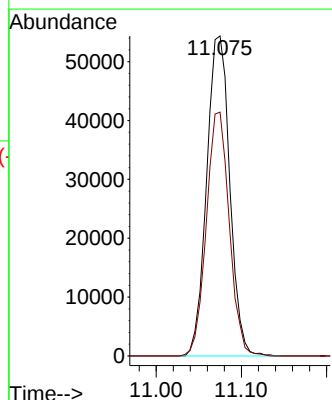
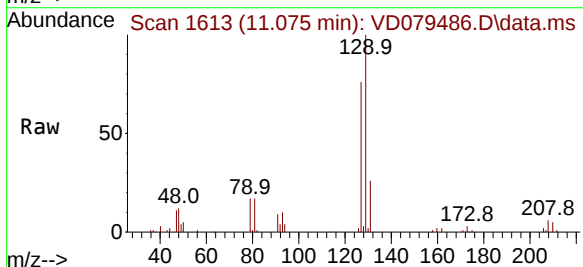
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

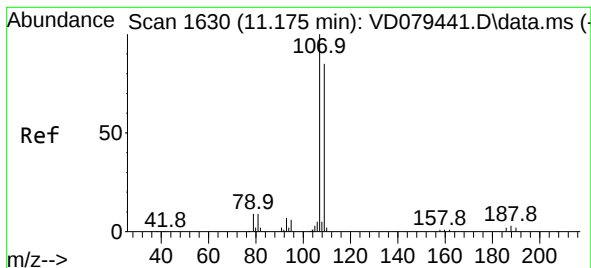
Tgt Ion: 43 Resp: 187975
Ion Ratio Lower Upper
43 100
58 59.6 31.1 93.5



#60
Dibromochloromethane
Concen: 83.965 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 129 Resp: 102457
Ion Ratio Lower Upper
129 100
127 75.6 38.0 113.9





#61

1,2-Dibromoethane

Concen: 83.816 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

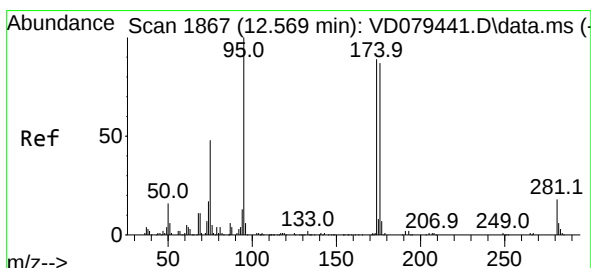
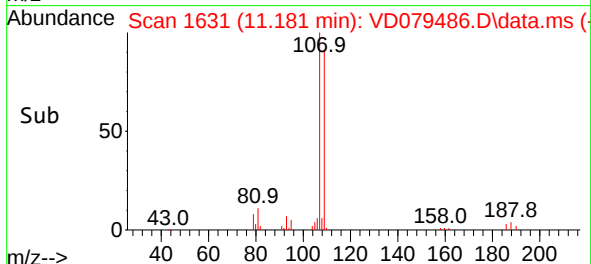
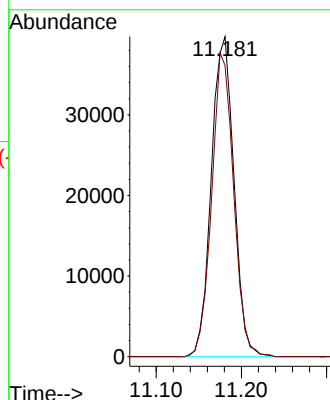
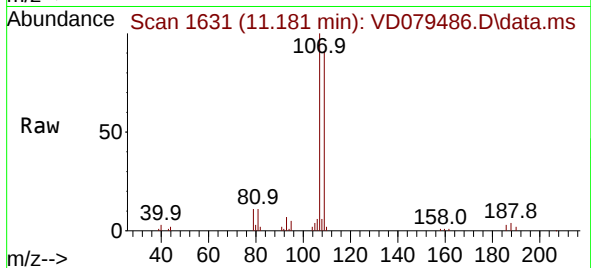
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:107 Resp: 73346

Ion Ratio Lower Upper

107 100

109 92.0 72.0 108.0



#62

4-Bromofluorobenzene

Concen: 63.226 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

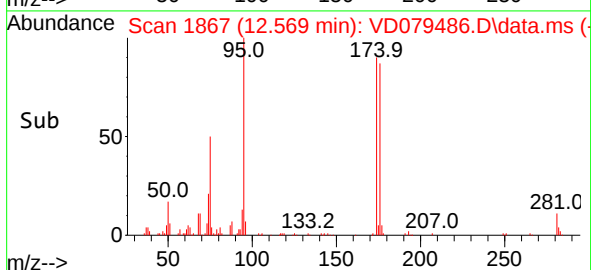
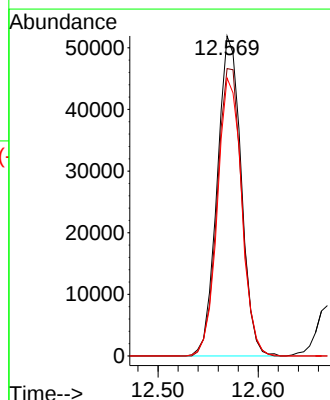
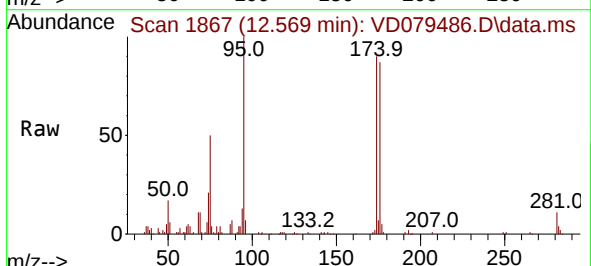
Tgt Ion: 95 Resp: 86144

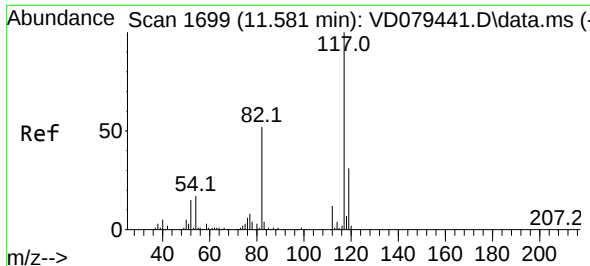
Ion Ratio Lower Upper

95 100

174 91.8 0.0 195.4

176 87.8 0.0 192.6

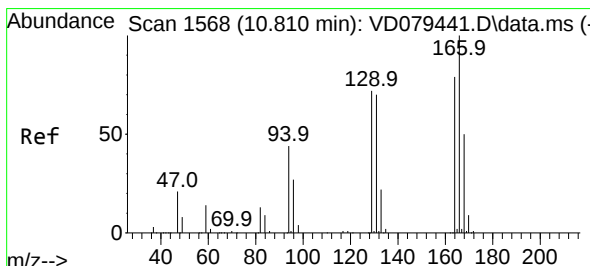
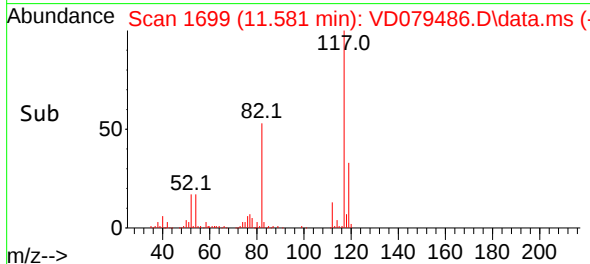
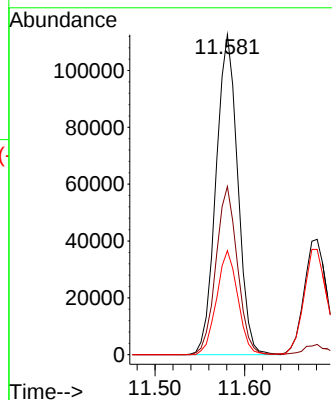
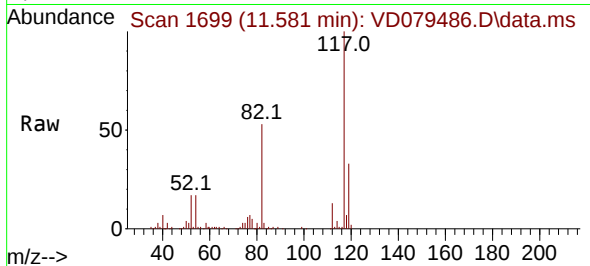




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

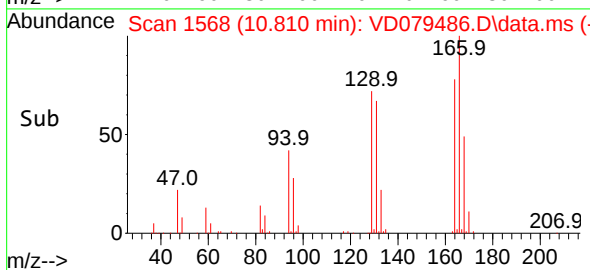
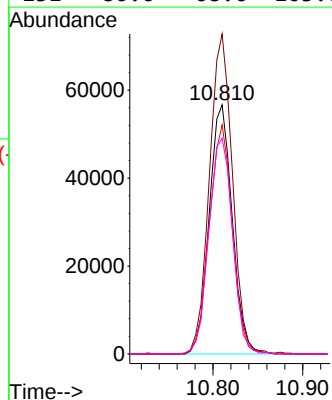
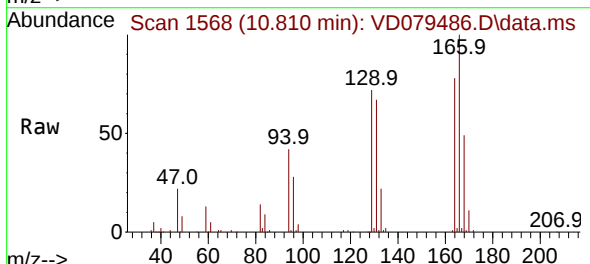
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

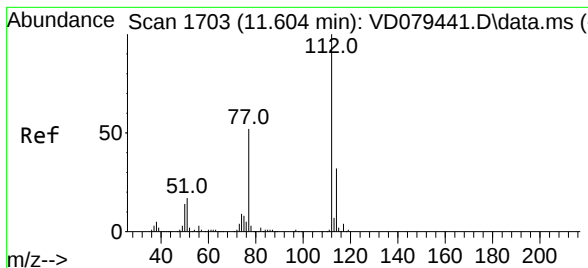
Tgt Ion:117 Resp: 189192
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 79.175 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:164 Resp: 101006
Ion Ratio Lower Upper
164 100
166 128.5 108.6 163.0
129 92.0 74.6 112.0
131 86.6 68.6 103.0





#65

Chlorobenzene

Concen: 67.406 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

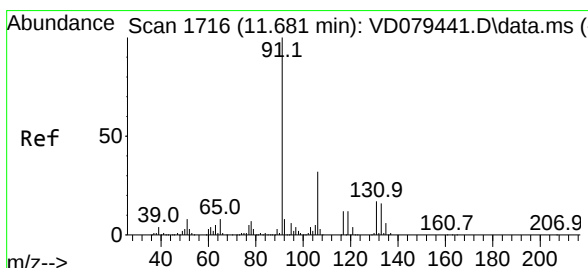
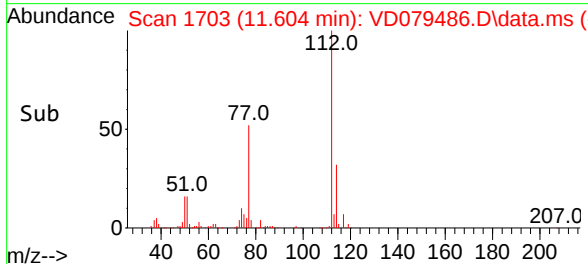
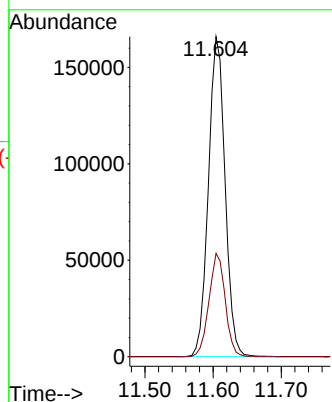
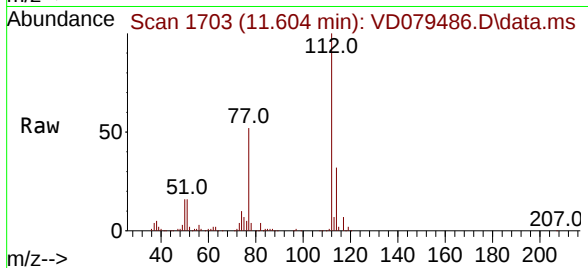
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:112 Resp: 282391

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 71.724 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

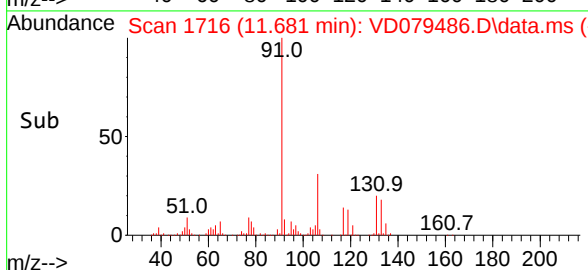
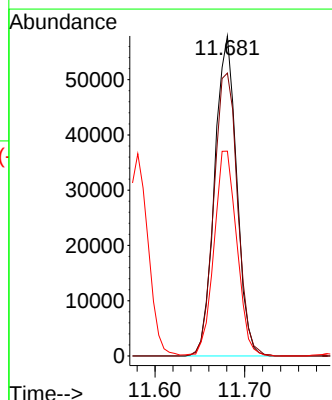
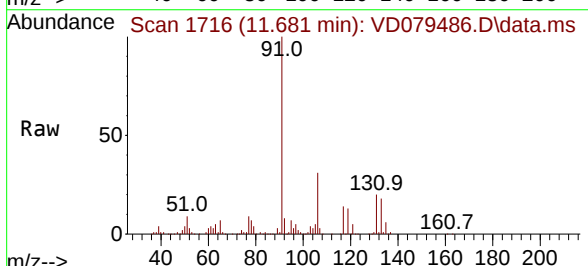
Tgt Ion:131 Resp: 98863

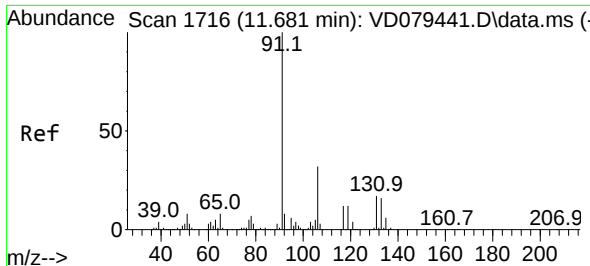
Ion Ratio Lower Upper

131 100

133 95.0 49.2 147.6

119 66.3 33.4 100.2

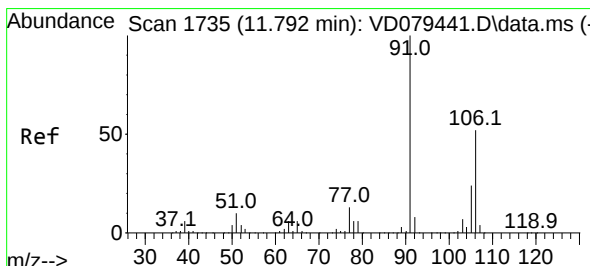
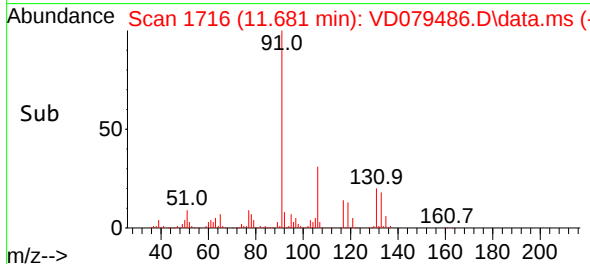
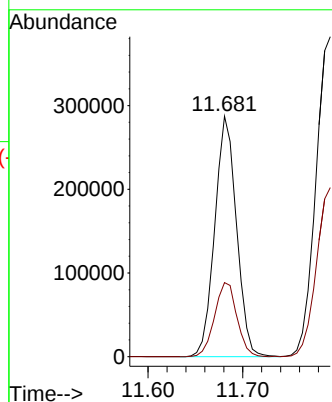
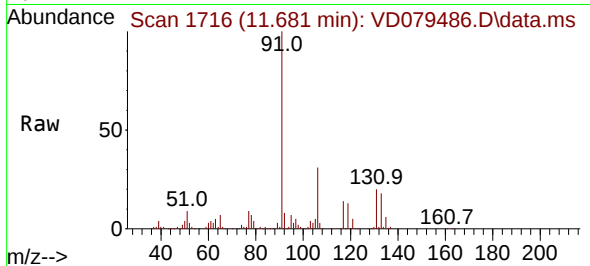




#67
Ethyl Benzene
Concen: 66.739 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

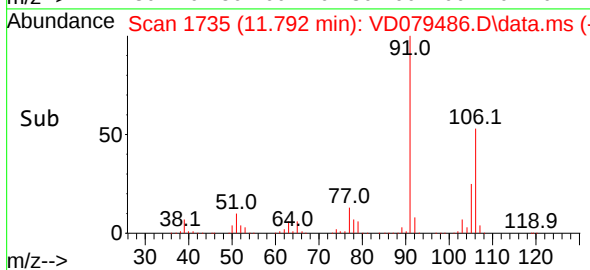
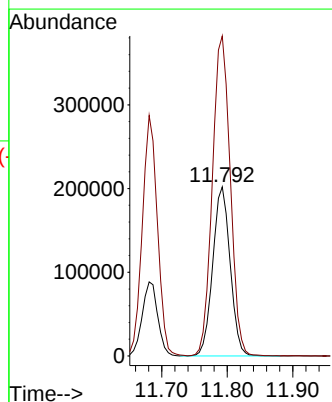
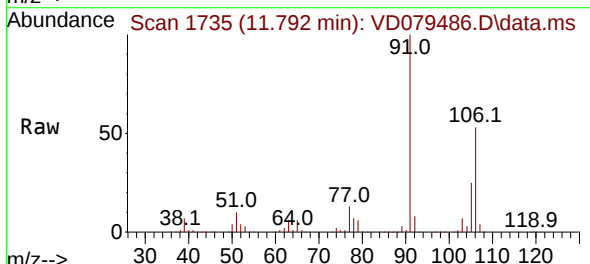
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

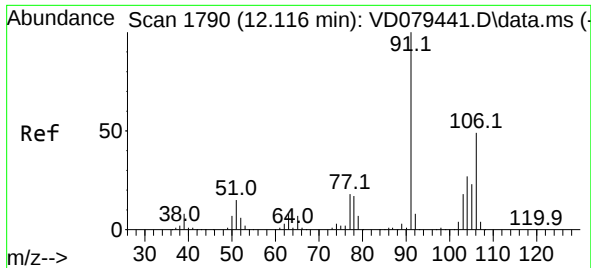
Tgt Ion: 91 Resp: 457717
Ion Ratio Lower Upper
91 100
106 30.8 25.8 38.6



#68
m/p-Xylenes
Concen: 136.637 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 106 Resp: 371783
Ion Ratio Lower Upper
106 100
91 194.4 148.5 222.7

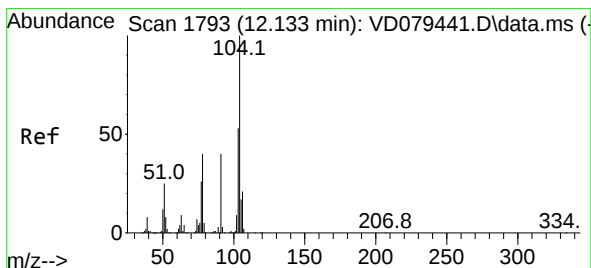
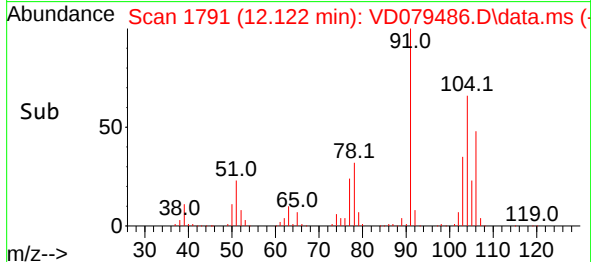
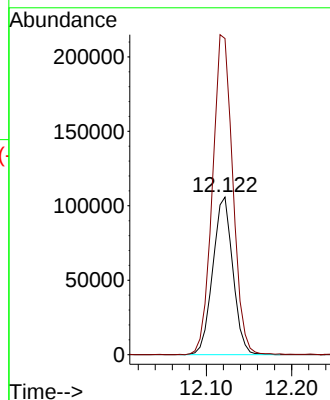
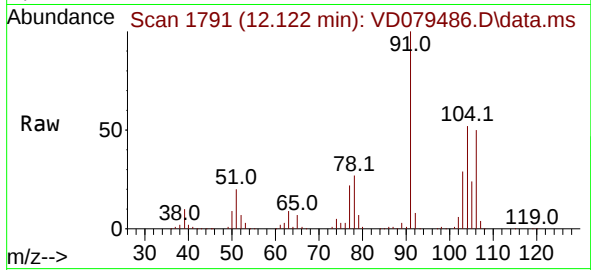




#69
o-Xylene
Concen: 69.370 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

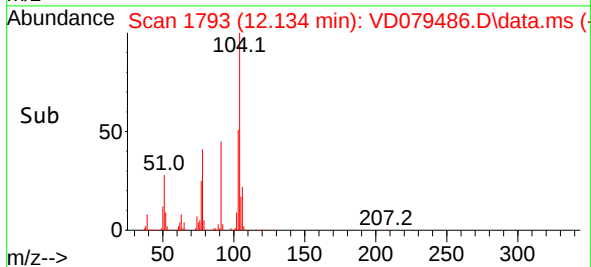
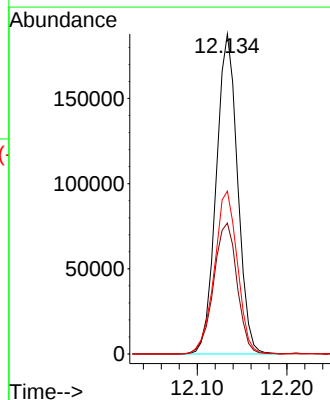
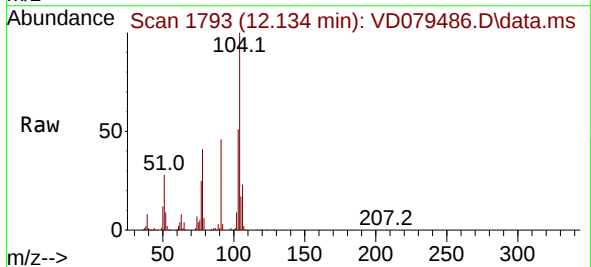
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

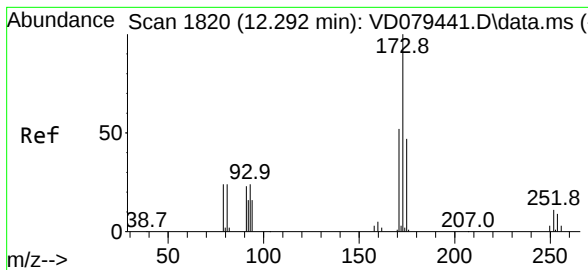
Tgt Ion:106 Resp: 173010
Ion Ratio Lower Upper
106 100
91 206.1 96.7 290.1



#70
Styrene
Concen: 71.042 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:104 Resp: 310629
Ion Ratio Lower Upper
104 100
78 45.1 33.0 49.6
103 54.8 44.2 66.4

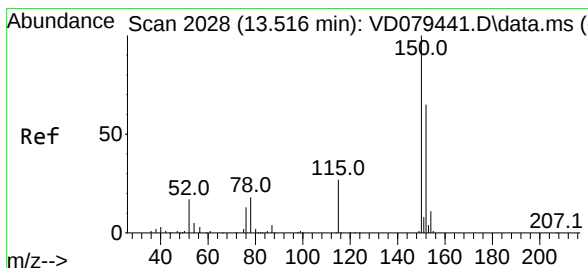
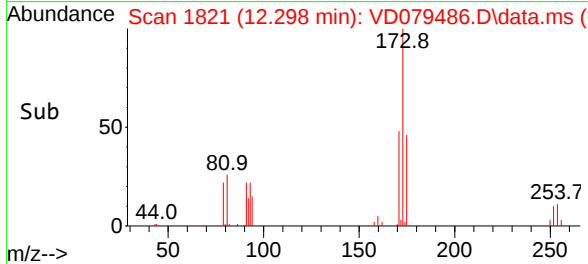
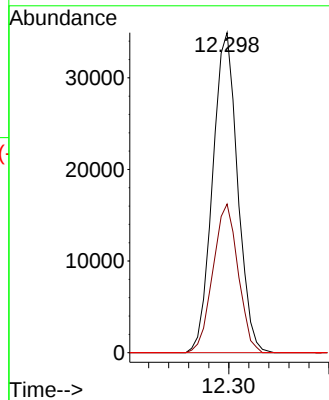
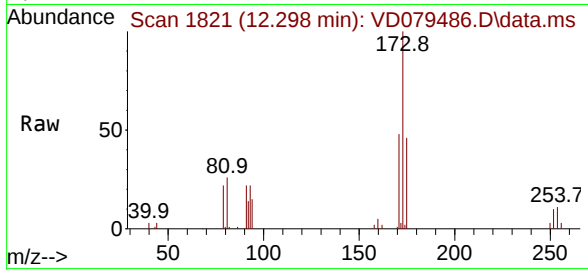




#71
Bromoform
Concen: 77.422 ug/l
RT: 12.298 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

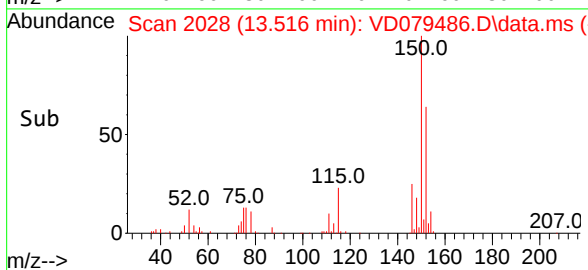
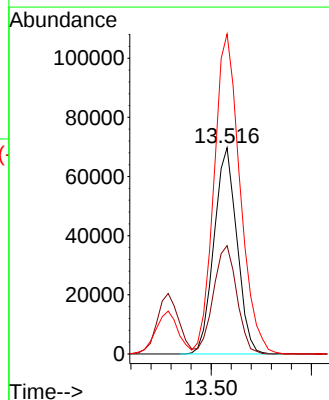
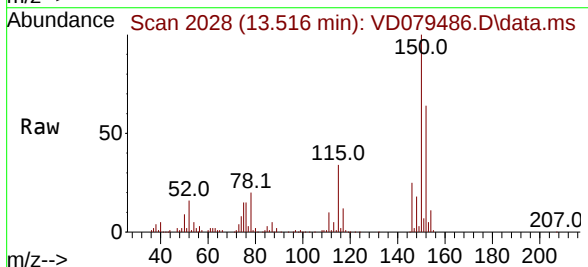
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

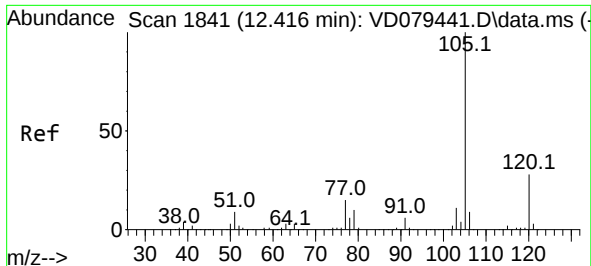
Tgt Ion:173 Resp: 60329
Ion Ratio Lower Upper
173 100
175 46.8 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion:152 Resp: 110680
Ion Ratio Lower Upper
152 100
115 53.9 26.5 79.5
150 176.0 0.0 341.6

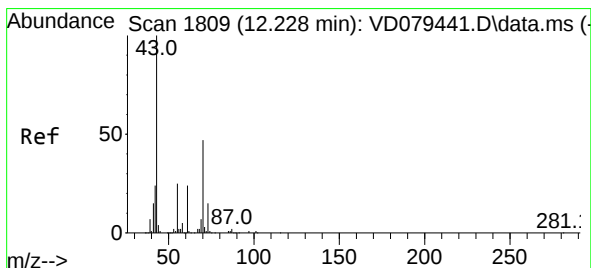
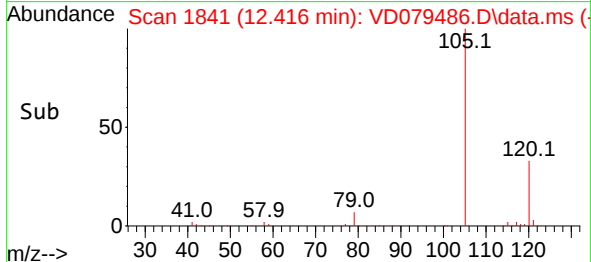
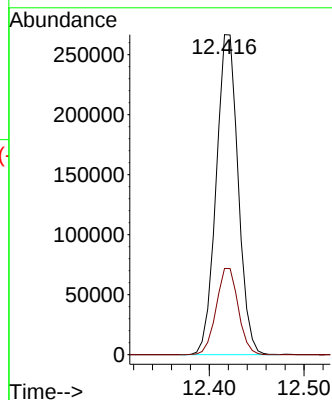
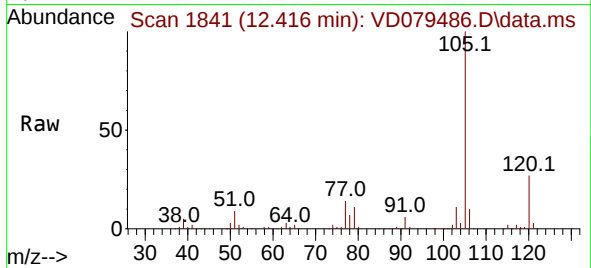




#73
Isopropylbenzene
Concen: 51.699 ug/l
RT: 12.416 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

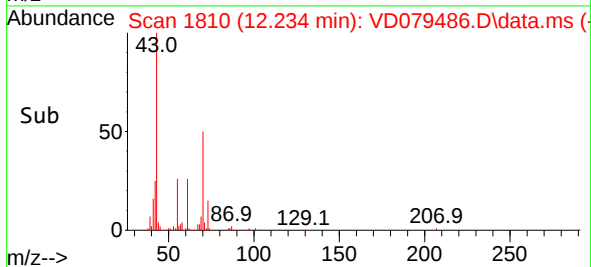
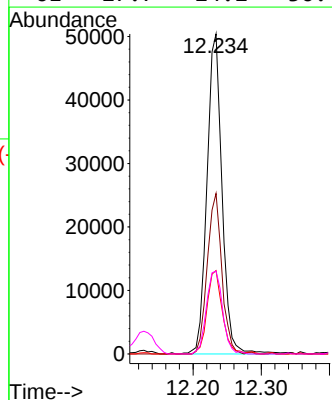
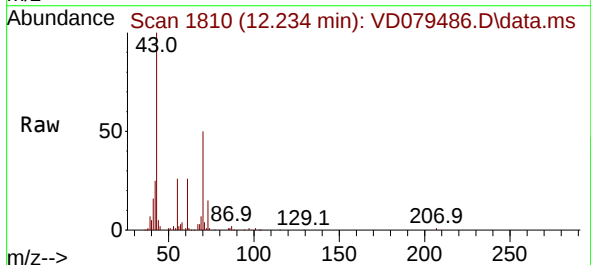
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

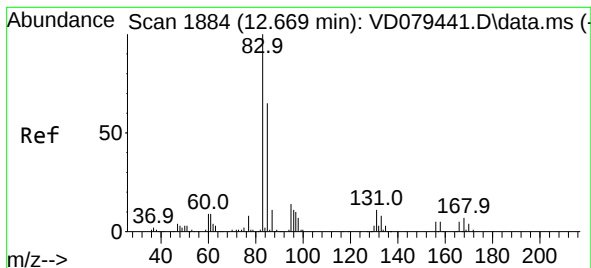
Tgt Ion:105 Resp: 429661
Ion Ratio Lower Upper
105 100
120 27.0 13.6 40.7



#74
N-ethyl acetate
Concen: 47.634 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 43 Resp: 77544
Ion Ratio Lower Upper
43 100
70 48.4 44.3 66.5
55 26.8 23.2 34.8
61 27.7 24.2 36.4





#75

1,1,2,2-Tetrachloroethane

Concen: 63.356 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

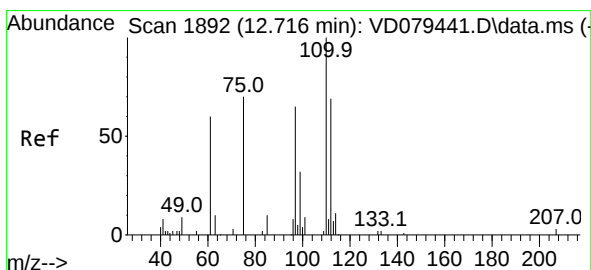
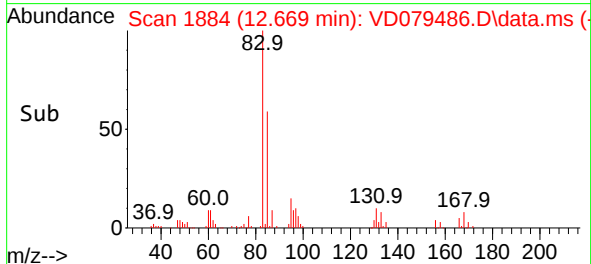
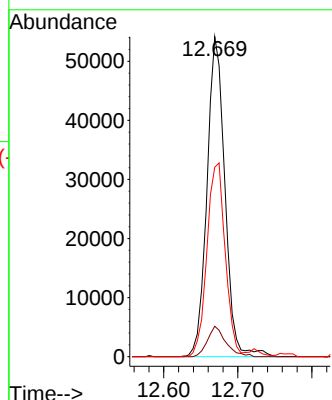
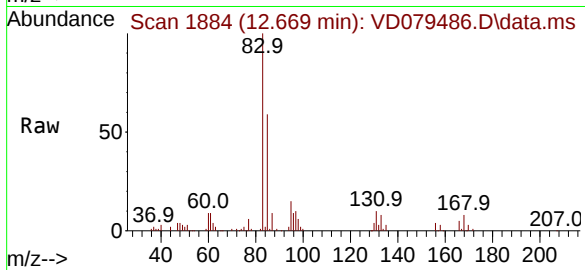
Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion:	83	Resp:	91096
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.5	16.5
85	61.9	33.8	101.3



#76

1,2,3-Trichloropropane

Concen: 109.831 ug/l

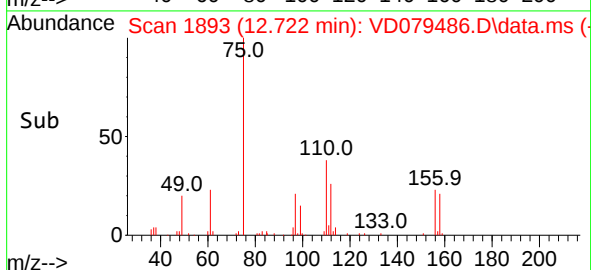
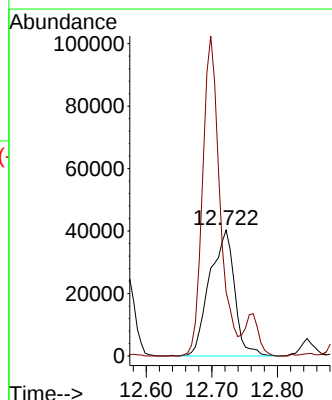
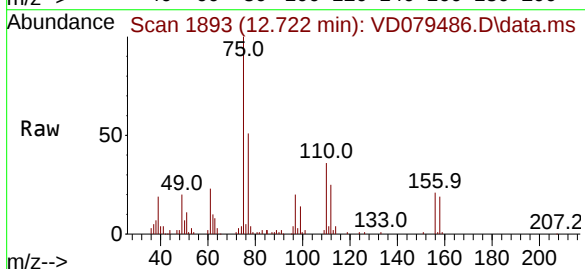
RT: 12.722 min Scan# 1893

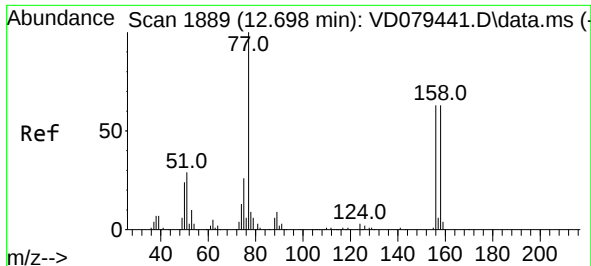
Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Tgt Ion:	75	Resp:	106256
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

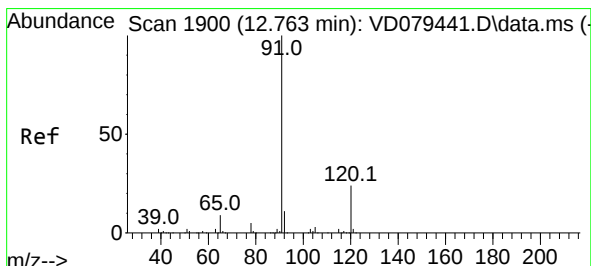
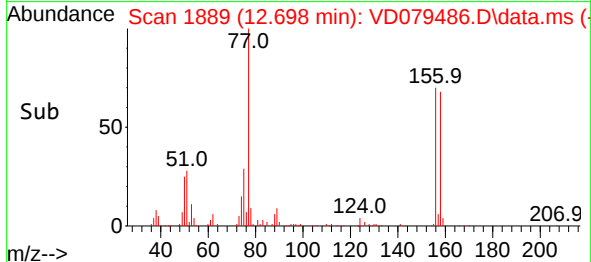
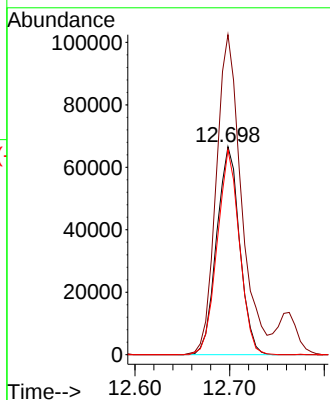
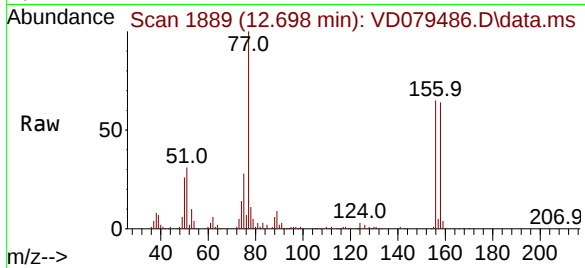




#77
Bromobenzene
Concen: 60.491 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

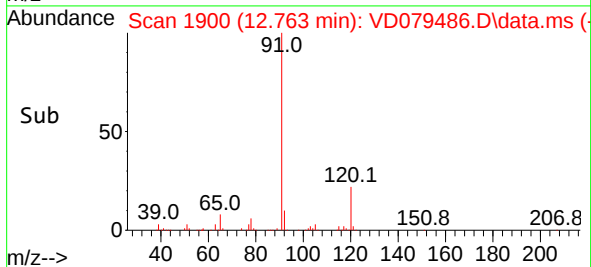
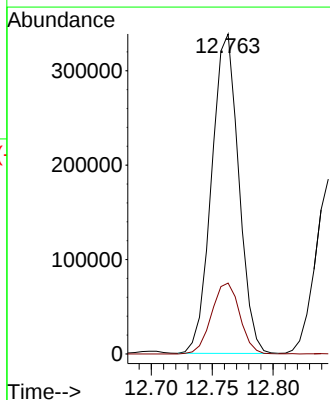
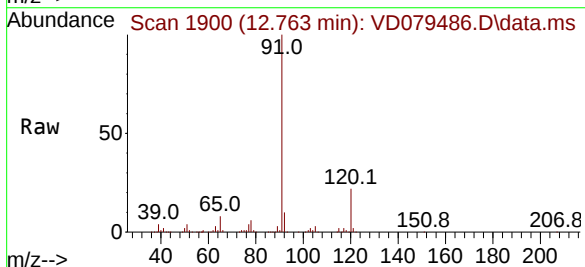
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion	Ratio	Lower	Upper
156	100		
77	167.6	77.3	231.9
158	95.2	49.6	149.0



#78
n-propylbenzene
Concen: 56.795 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.3	36.8

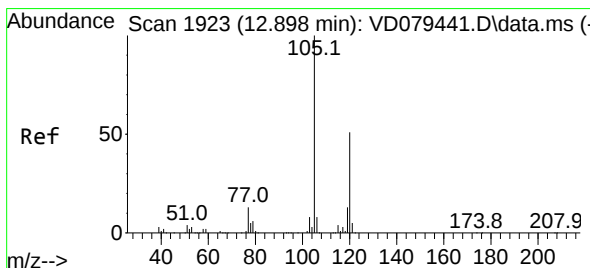
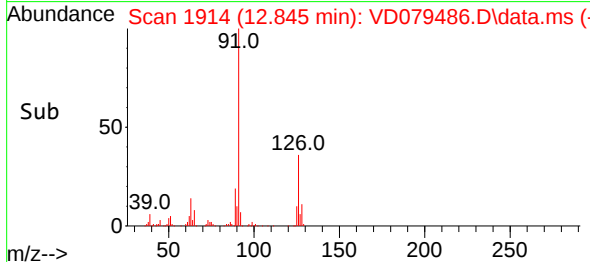
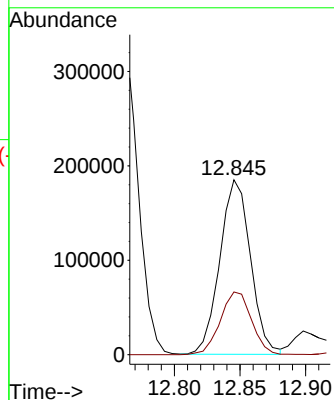
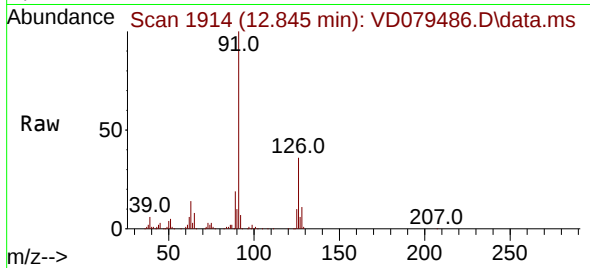




#79
2-Chlorotoluene
Concen: 58.416 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

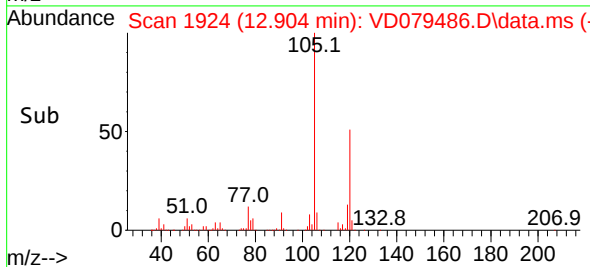
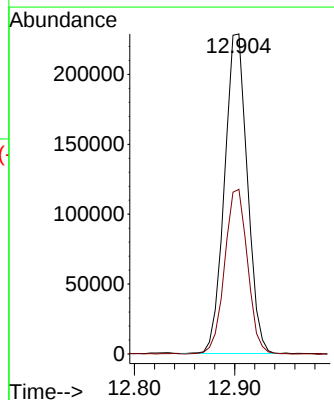
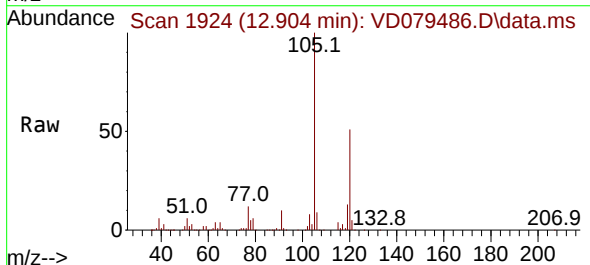
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

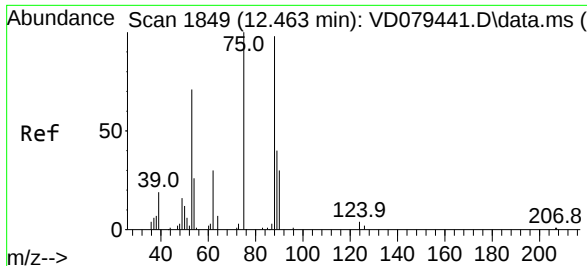
Tgt Ion: 91 Resp: 300932
Ion Ratio Lower Upper
91 100
126 36.7 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 58.651 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 105 Resp: 361602
Ion Ratio Lower Upper
105 100
120 51.6 25.7 77.1

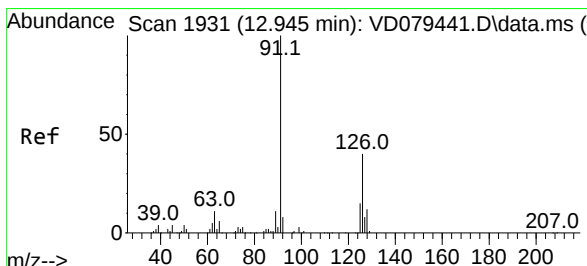
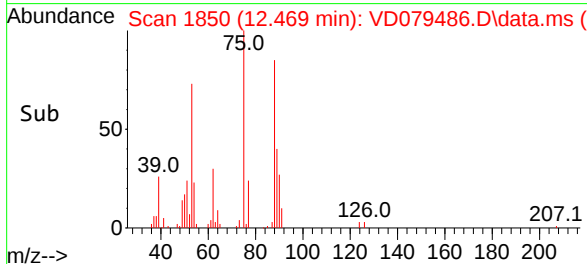
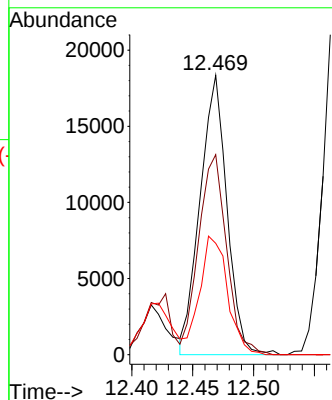
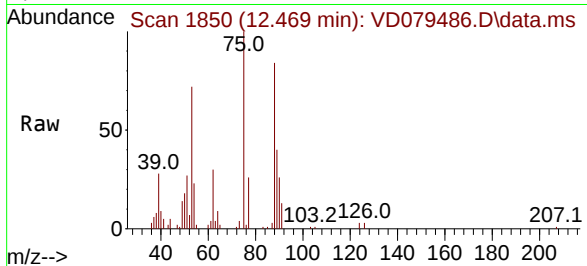




#81
trans-1,4-Dichloro-2-butene
Concen: 55.701 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

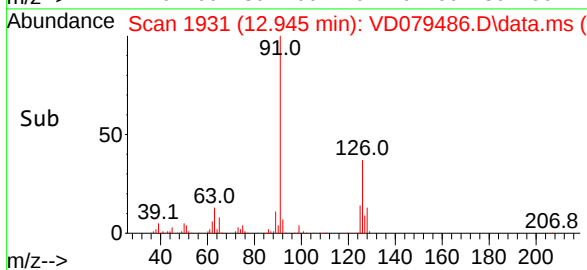
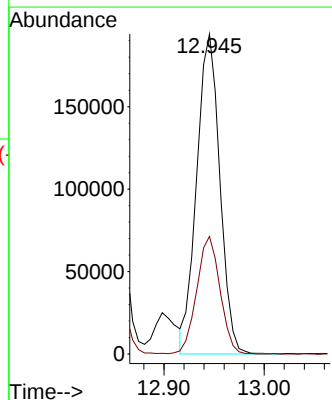
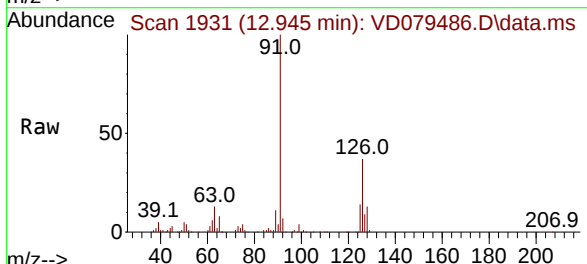
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

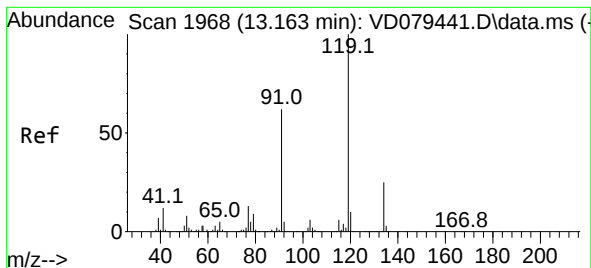
Tgt Ion: 75 Resp: 28254
Ion Ratio Lower Upper
75 100
53 74.6 61.4 92.2
89 44.3 35.4 53.0



#82
4-Chlorotoluene
Concen: 58.046 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 91 Resp: 311729
Ion Ratio Lower Upper
91 100
126 36.9 18.9 56.9





#83

tert-Butylbenzene

Concen: 51.484 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

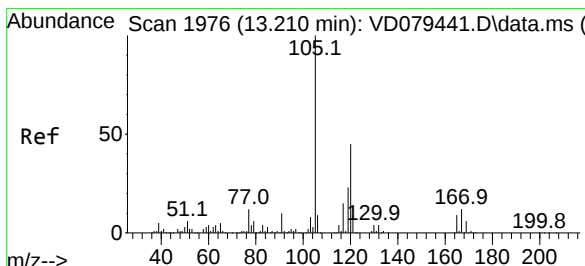
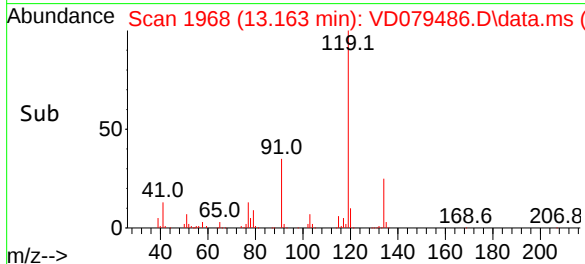
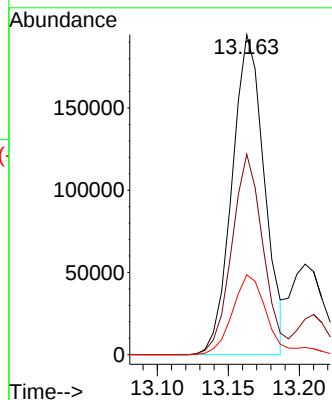
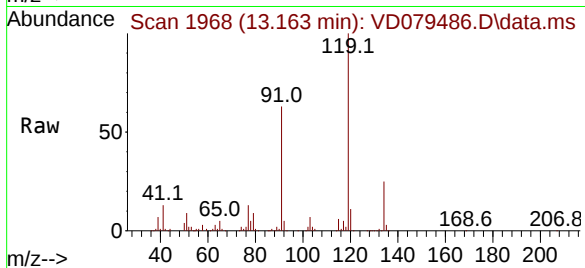
Tgt Ion:119 Resp: 308157

Ion Ratio Lower Upper

119 100

91 61.2 28.2 84.7

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 53.311 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079486.D

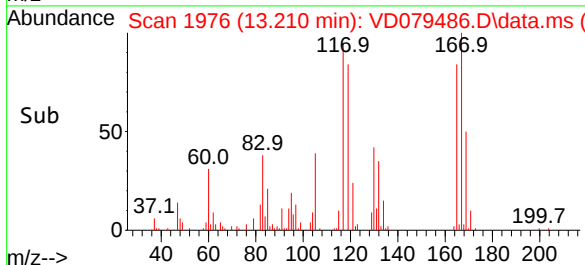
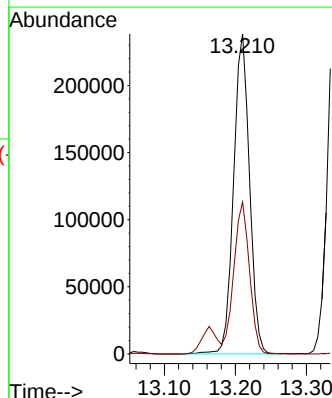
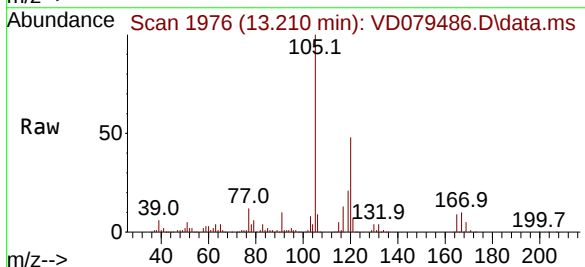
Acq: 31 Jul 2024 06:30

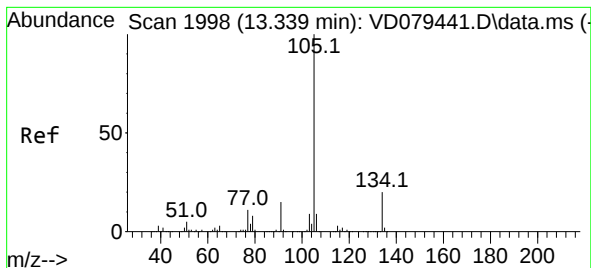
Tgt Ion:105 Resp: 371487

Ion Ratio Lower Upper

105 100

120 46.8 23.6 71.0





#85

sec-Butylbenzene

Concen: 56.722 ug/l

RT: 13.339 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

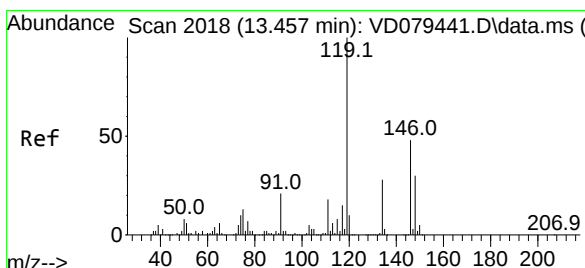
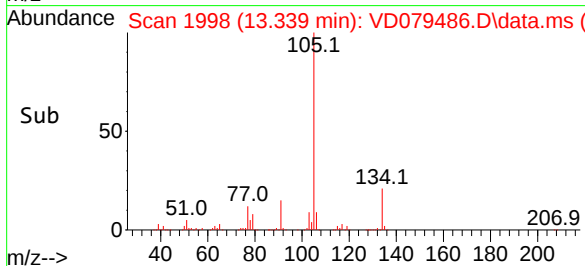
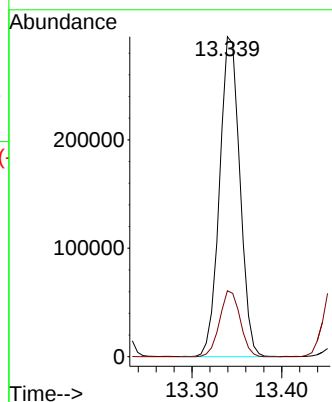
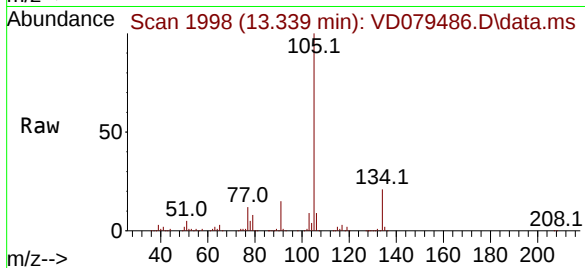
S-862-K2-SO-12-12.5-072024MSD

Tgt Ion:105 Resp: 465146

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 49.570 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

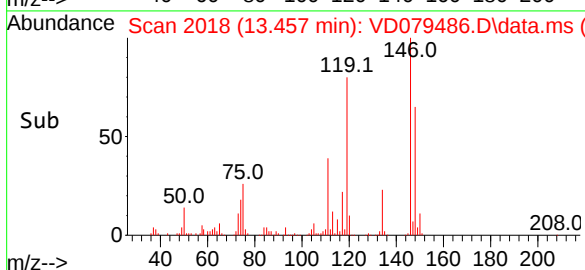
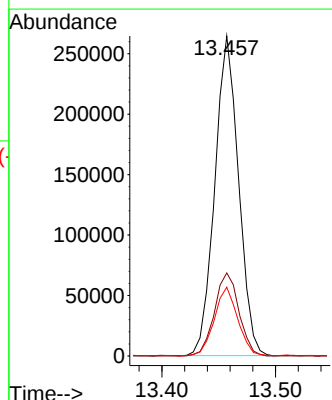
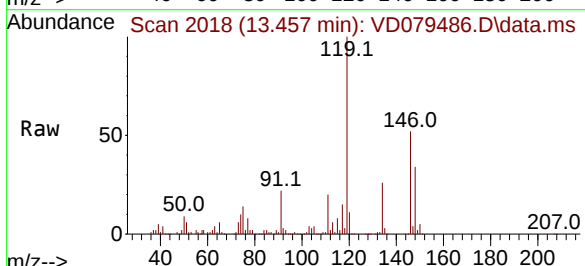
Tgt Ion:119 Resp: 384391

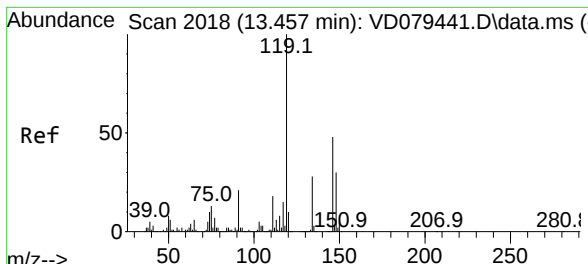
Ion Ratio Lower Upper

119 100

134 26.7 13.7 41.1

91 21.3 10.7 32.1

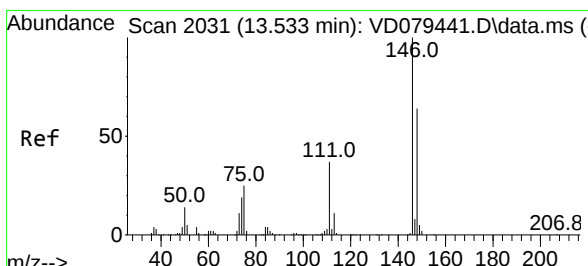
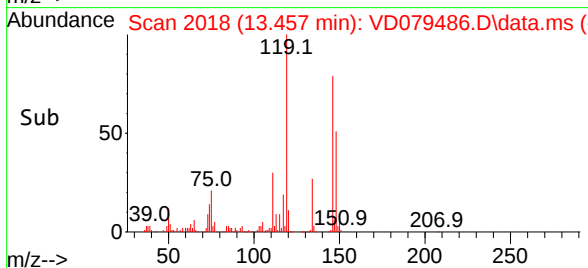
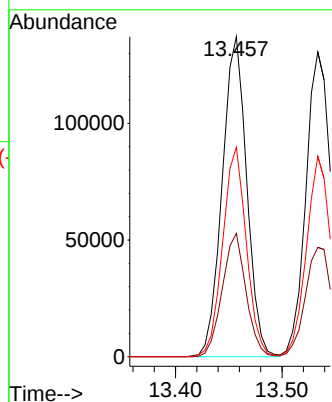
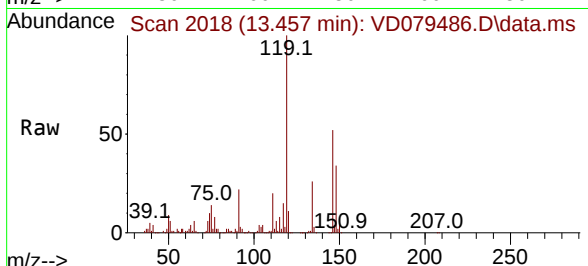




#87
 1,3-Dichlorobenzene
 Concen: 57.040 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

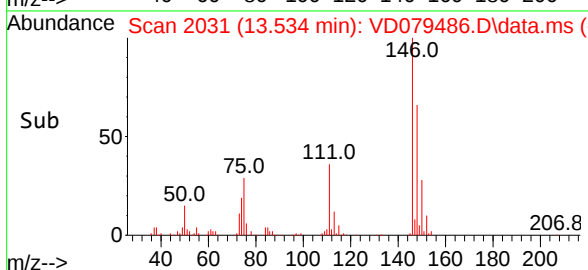
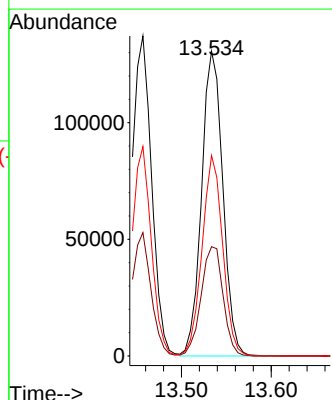
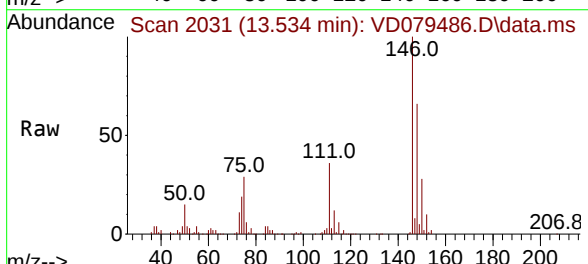
Instrument : MSVOA_D
 ClientSampleId : S-862-K2-SO-12-12.5-072024MSD

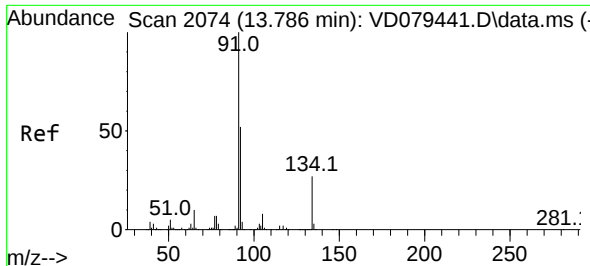
Tgt Ion:146 Resp: 219276
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.5 55.5
 148 63.1 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 56.734 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079486.D
 Acq: 31 Jul 2024 06:30

Tgt Ion:146 Resp: 214423
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.5 52.6
 148 63.9 31.4 94.2

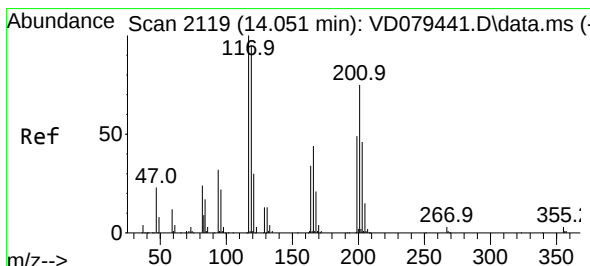
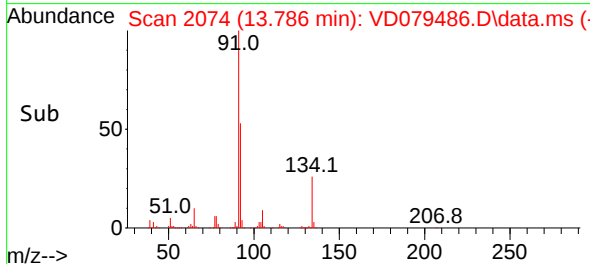
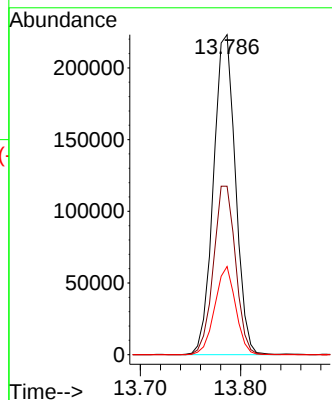
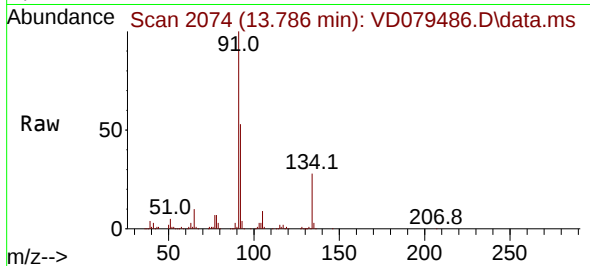




#89
n-Butylbenzene
Concen: 47.665 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

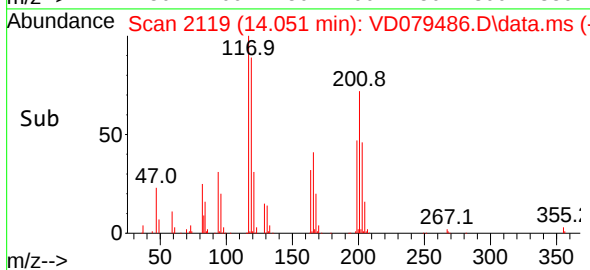
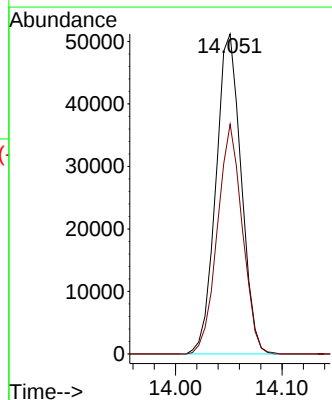
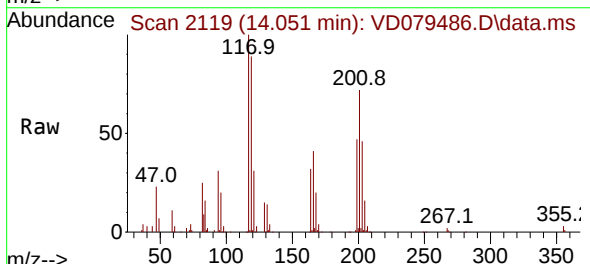
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MSD

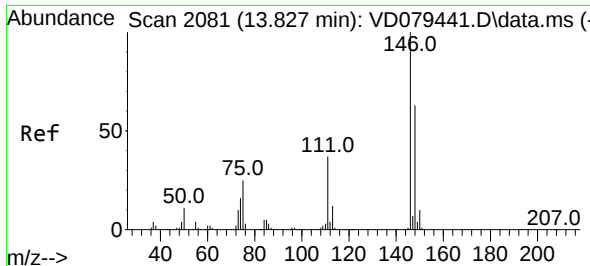
Tgt Ion: 91 Resp: 340176
Ion Ratio Lower Upper
91 100
92 52.9 25.7 77.0
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 58.670 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079486.D
Acq: 31 Jul 2024 06:30

Tgt Ion: 117 Resp: 84152
Ion Ratio Lower Upper
117 100
201 71.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 59.600 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

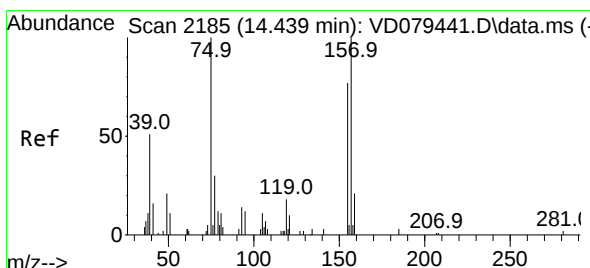
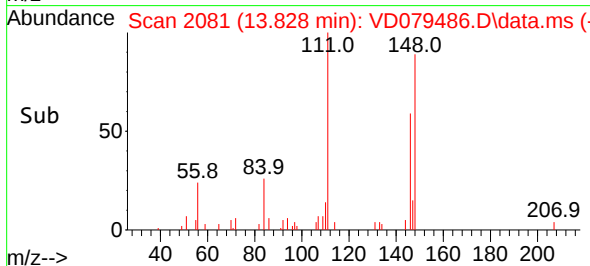
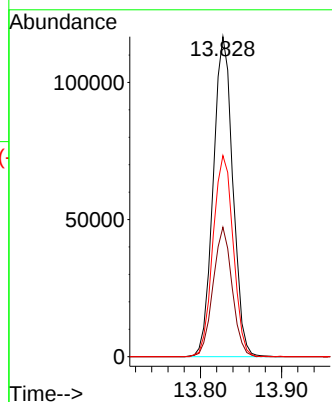
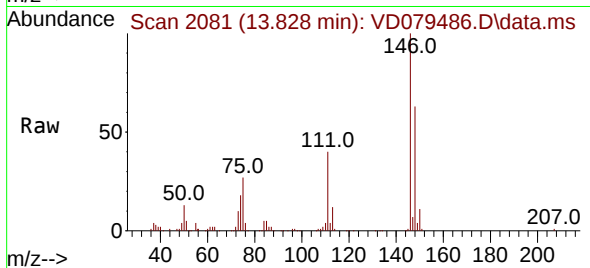
Tgt Ion:146 Resp: 195816

Ion Ratio Lower Upper

146 100

111 39.3 19.1 57.1

148 64.8 31.1 93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.839 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

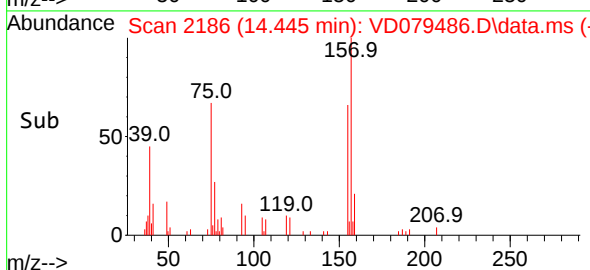
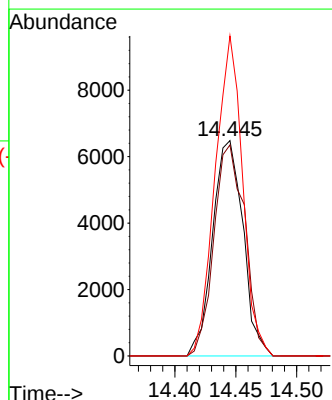
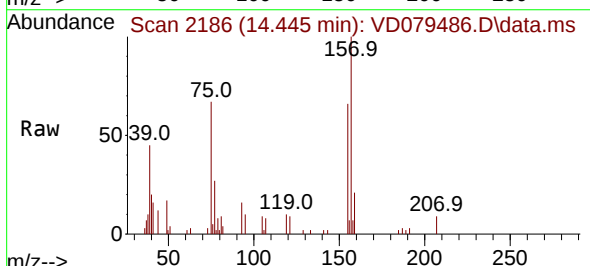
Tgt Ion: 75 Resp: 11257

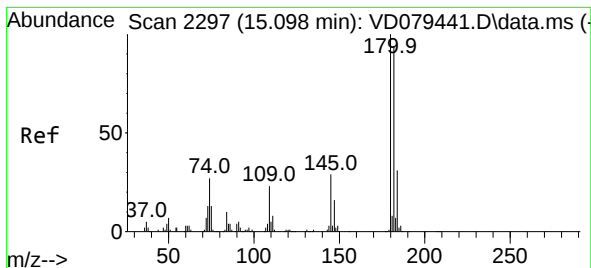
Ion Ratio Lower Upper

75 100

155 99.6 47.7 143.1

157 133.8 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 51.744 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079486.D

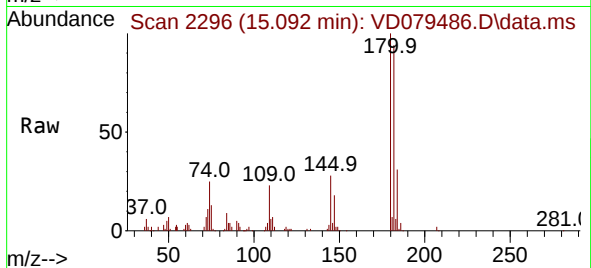
Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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



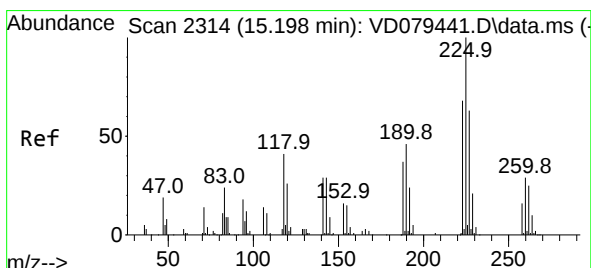
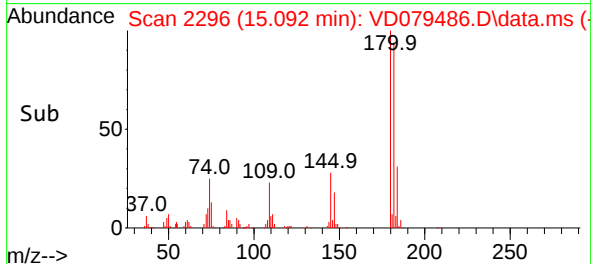
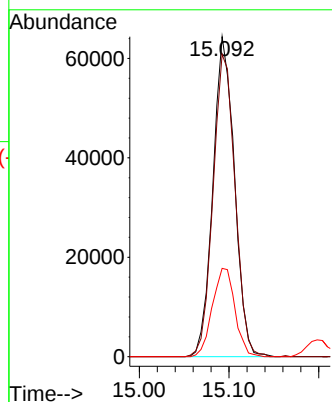
Tgt Ion:180 Resp: 107112

Ion Ratio Lower Upper

180 100

182 96.6 46.9 140.7

145 28.9 14.0 41.9



#94

Hexachlorobutadiene

Concen: 51.211 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

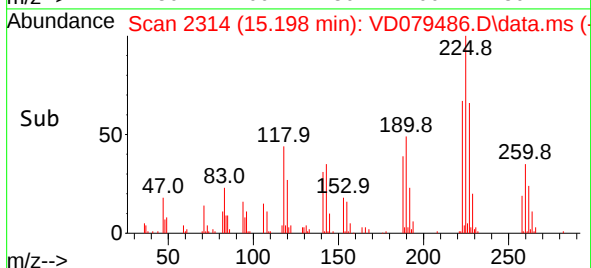
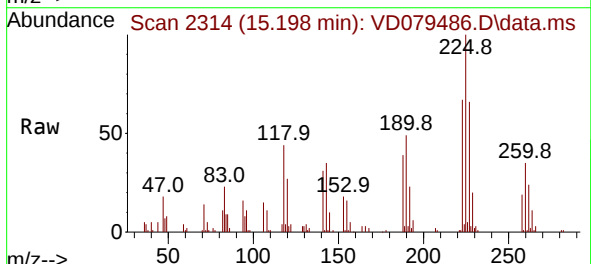
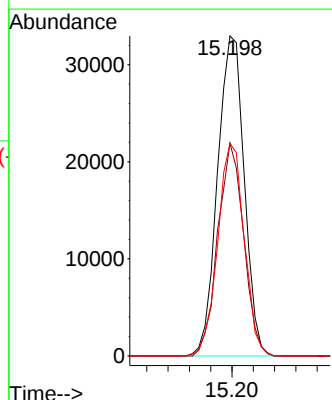
Tgt Ion:225 Resp: 57215

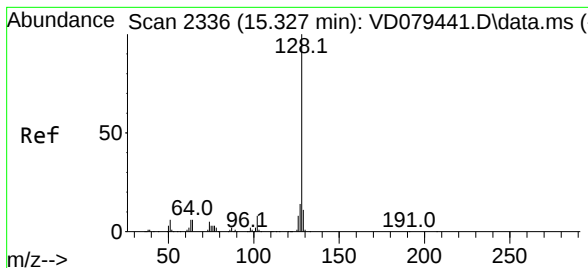
Ion Ratio Lower Upper

225 100

223 64.4 33.3 99.9

227 65.9 33.6 100.6





#95

Naphthalene

Concen: 59.574 ug/l

RT: 15.328 min Scan# 213441

Delta R.T. -0.000 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Instrument :

MSVOA_D

ClientSampleId :

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

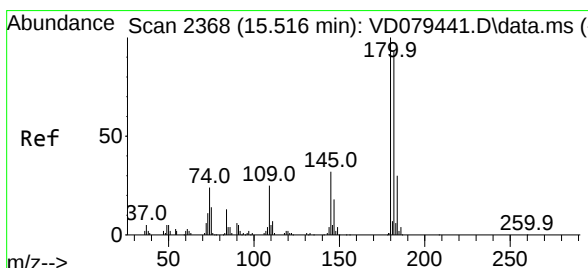
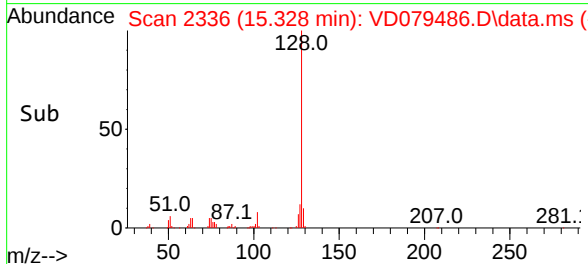
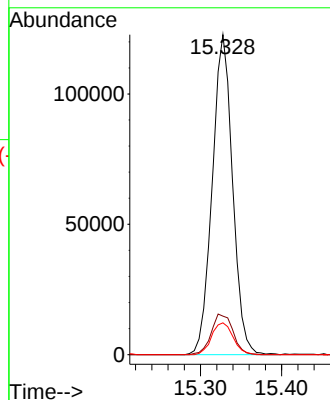
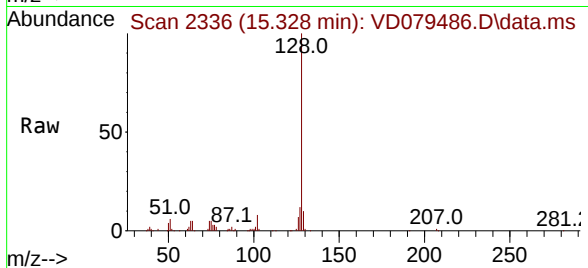
Tgt Ion:128 Resp: 213441

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 10.0 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 55.196 ug/l

RT: 15.510 min Scan# 2367

Delta R.T. -0.012 min

Lab File: VD079486.D

Acq: 31 Jul 2024 06:30

Tgt Ion:180 Resp: 100507

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 29.6 16.1 48.2

