

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079485.D
 Acq On : 31 Jul 2024 06:02
 Operator : RP/MD
 Sample : P3374-08MS
 Misc : 7.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jul 31 08:22:19 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	150881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	80989	52.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.810	113	93207	54.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.960%	
50) Toluene-d8	10.269	98	326093	49.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.160%	
62) 4-Bromofluorobenzene	12.569	95	105247	54.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 109.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	54924	46.459	ug/l	91
3) Chloromethane	2.146	50	107734	49.459	ug/l	95
4) Vinyl Chloride	2.281	62	132574	51.188	ug/l	95
5) Bromomethane	2.693	94	82481	50.481	ug/l	97
6) Chloroethane	2.834	64	85239	51.217	ug/l	96
7) Trichlorofluoromethane	3.169	101	128153	49.755	ug/l	91
8) Diethyl Ether	3.593	74	41058	52.771	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	79951	49.079	ug/l	99
10) Methyl Iodide	4.158	142	105913	53.128	ug/l	99
11) Tert butyl alcohol	5.052	59	21543	306.879	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	79184	48.572	ug/l	96
13) Acrolein	3.799	56	8247	60.894	ug/l	99
14) Allyl chloride	4.558	41	98797	45.894	ug/l	87
15) Acrylonitrile	5.252	53	103237	283.954	ug/l	99
16) Acetone	4.022	43	79827	267.976	ug/l	100
17) Carbon Disulfide	4.269	76	282597	52.515	ug/l	98
18) Methyl Acetate	4.564	43	102023	110.309	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	189177	56.850	ug/l	97
20) Methylene Chloride	4.799	84	181930	88.598	ug/l #	87
21) trans-1,2-Dichloroethene	5.305	96	95939	52.386	ug/l	91
22) Diisopropyl ether	6.216	45	262855	54.878	ug/l	95
23) Vinyl Acetate	6.158	43	378888	105.230	ug/l	95
24) 1,1-Dichloroethane	6.110	63	173020	53.903	ug/l	96
25) 2-Butanone	7.081	43	115996	274.662	ug/l	94
26) 2,2-Dichloropropane	7.069	77	113387	43.672	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	148813	71.089	ug/l	97
28) Bromochloromethane	7.428	49	64721	45.981	ug/l #	77
29) Tetrahydrofuran	7.446	42	76400	291.909	ug/l	85
30) Chloroform	7.593	83	186591	57.403	ug/l	97
31) Cyclohexane	7.881	56	112153	44.056	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	145241	54.149	ug/l	97
36) 1,1-Dichloropropene	8.005	75	118057	50.555	ug/l	98
37) Ethyl Acetate	7.169	43	47484	49.595	ug/l	99
38) Carbon Tetrachloride	7.993	117	128510	52.350	ug/l	97
39) Methylcyclohexane	9.275	83	135201	48.524	ug/l	94
40) Benzene	8.252	78	404605	54.551	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079485.D
 Acq On : 31 Jul 2024 06:02
 Operator : RP/MD
 Sample : P3374-08MS
 Misc : 7.36G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jul 31 08:22:19 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)
41) Methacrylonitrile	7.393	41	24758	47.011	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	101812	57.604	ug/l	96
43) Isopropyl Acetate	8.363	43	94956	52.770	ug/l	95
44) Trichloroethene	9.028	130	167771	90.867	ug/l	97
45) 1,2-Dichloropropane	9.304	63	101334	56.141	ug/l	99
46) Dibromomethane	9.393	93	59008	58.971	ug/l	99
47) Bromodichloromethane	9.581	83	143165	58.268	ug/l	99
48) Methyl methacrylate	9.381	41	50757	63.029	ug/l	87
49) 1,4-Dioxane	9.387	88	12241	1180.598	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	268916	292.716	ug/l	95
52) Toluene	10.334	92	252571	55.061	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	123520	54.439	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	145685	53.379	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	78632	59.654	ug/l	96
56) Ethyl methacrylate	10.598	69	81131	51.946	ug/l	90
57) 1,3-Dichloropropane	10.875	76	131413	58.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	224061	311.078	ug/l	92
59) 2-Hexanone	10.922	43	184242	287.556	ug/l	95
60) Dibromochloromethane	11.069	129	101530	58.963	ug/l	96
61) 1,2-Dibromoethane	11.175	107	72805	58.957	ug/l	93
64) Tetrachloroethene	10.810	164	111858	65.375	ug/l	91
65) Chlorobenzene	11.604	112	283970	50.538	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	102861	55.640	ug/l	95
67) Ethyl Benzene	11.681	91	459313	49.933	ug/l	97
68) m/p-Xylenes	11.793	106	371884	101.903	ug/l	93
69) o-Xylene	12.116	106	172837	51.670	ug/l	91
70) Styrene	12.134	104	311151	53.057	ug/l	97
71) Bromoform	12.298	173	61404	58.754	ug/l #	99
73) Isopropylbenzene	12.416	105	434059	42.477	ug/l	99
74) N-amyl acetate	12.228	43	65700	32.286	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	90856	50.550	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	106999	88.476	ug/l #	100
77) Bromobenzene	12.698	156	113050	48.731	ug/l	94
78) n-propylbenzene	12.757	91	525114	45.405	ug/l	98
79) 2-Chlorotoluene	12.845	91	299362	46.487	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	367625	47.700	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	27147	42.813	ug/l	96
82) 4-Chlorotoluene	12.945	91	309670	46.128	ug/l	99
83) tert-Butylbenzene	13.163	119	314870	42.745	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	378895	44.129	ug/l	98
85) sec-Butylbenzene	13.340	105	464828	45.345	ug/l	99
86) p-Isopropyltoluene	13.457	119	378769	39.898	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	222204	46.240	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	214655	45.434	ug/l	97
89) n-Butylbenzene	13.787	91	334991	38.352	ug/l	99
90) Hexachloroethane	14.051	117	86184	48.068	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	199552	48.588	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11454	47.894	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	107166	41.415	ug/l	99
94) Hexachlorobutadiene	15.198	225	55628	39.831	ug/l	96
95) Naphthalene	15.328	128	203613	45.463	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	95677	42.033	ug/l	97

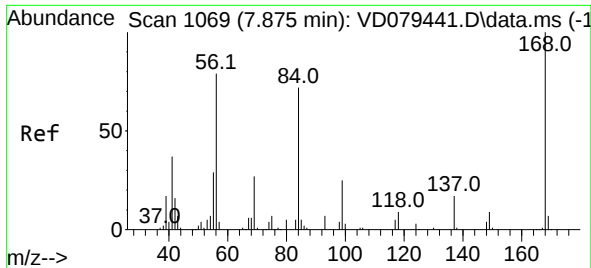
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
Data File : VD079485.D
Acq On : 31 Jul 2024 06:02
Operator : RP/MD
Sample : P3374-08MS
Misc : 7.36G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Jul 31 08:22:19 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)
----------	------	------	----------	------	-------	----------

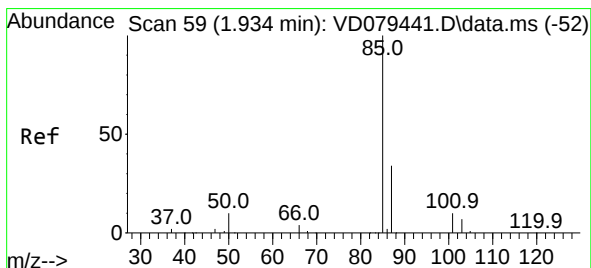
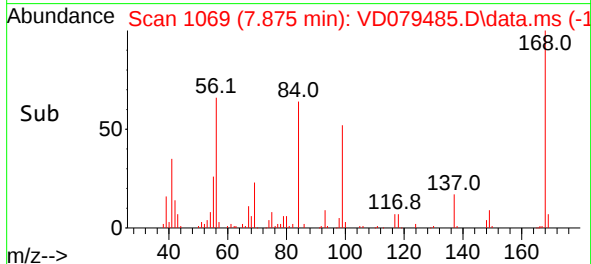
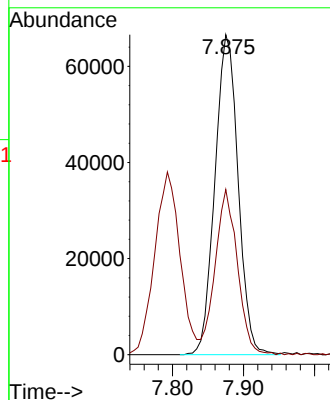
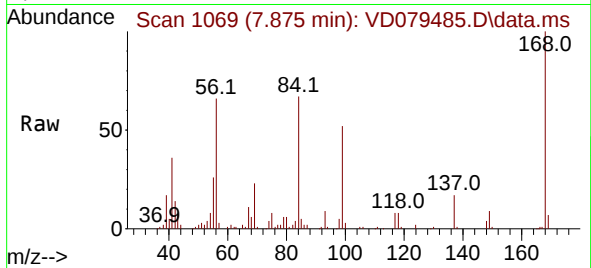
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

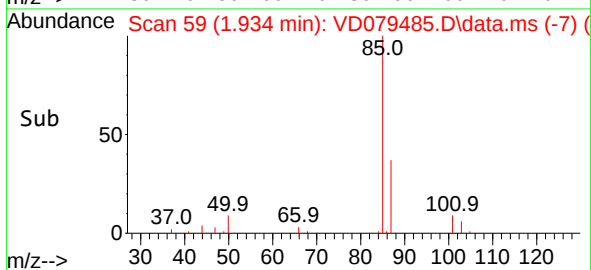
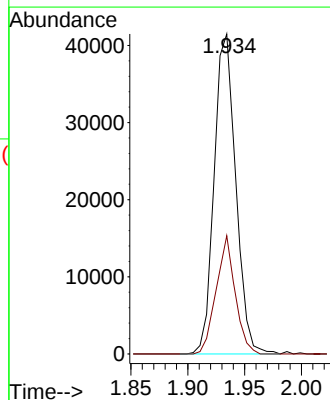
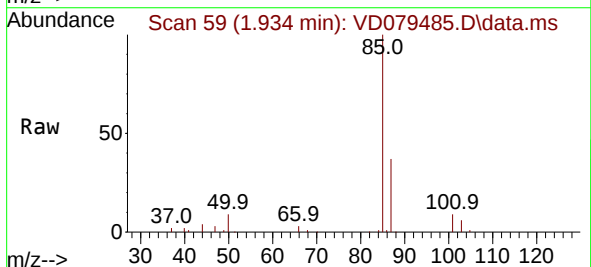
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

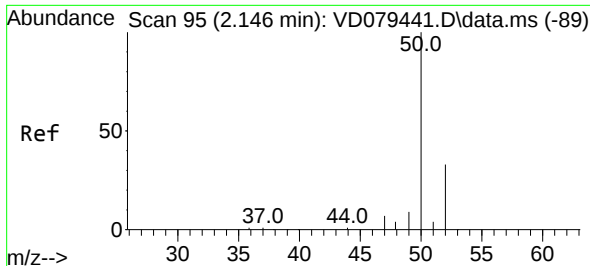
Tgt Ion:168 Resp: 150881
Ion Ratio Lower Upper
168 100
99 51.1 41.1 61.7



#2
Dichlorodifluoromethane
Concen: 46.459 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 85 Resp: 54924
Ion Ratio Lower Upper
85 100
87 37.0 16.0 48.0

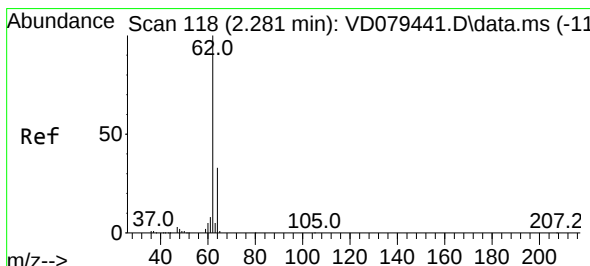
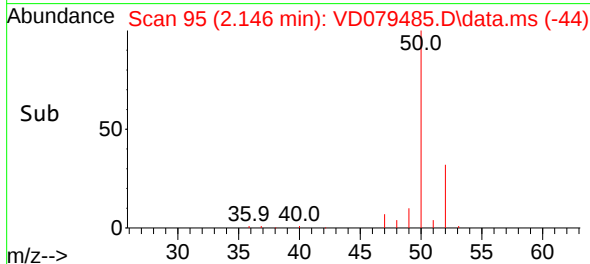
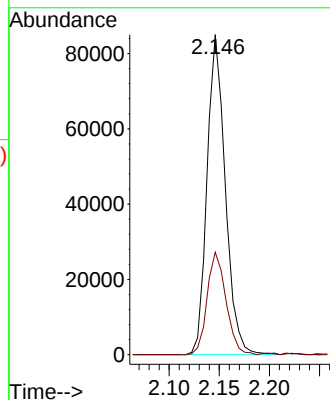
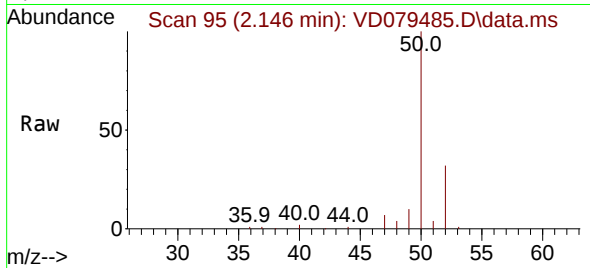




#3
Chloromethane
Concen: 49.459 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

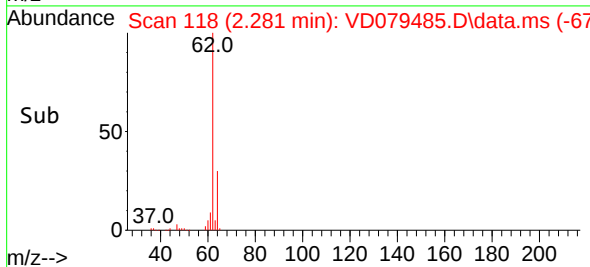
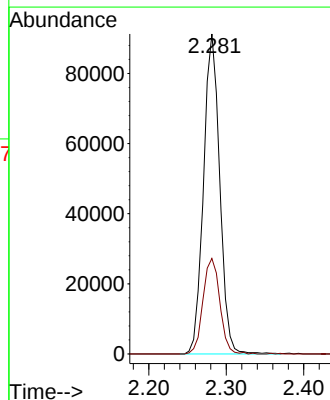
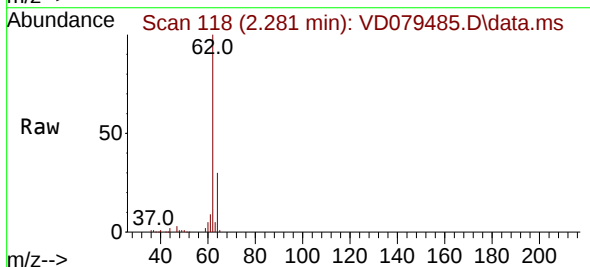
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

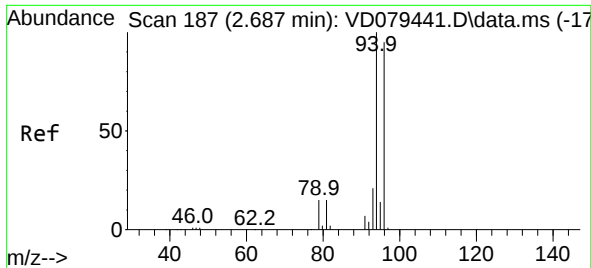
Tgt Ion: 50 Resp: 107734
Ion Ratio Lower Upper
50 100
52 32.0 28.2 42.2



#4
Vinyl Chloride
Concen: 51.188 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 62 Resp: 132574
Ion Ratio Lower Upper
62 100
64 29.9 26.3 39.5





#5

Bromomethane

Concen: 50.481 ug/l

RT: 2.693 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

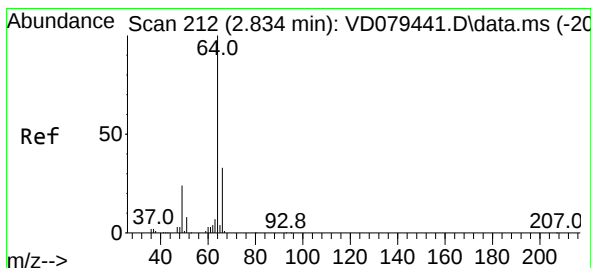
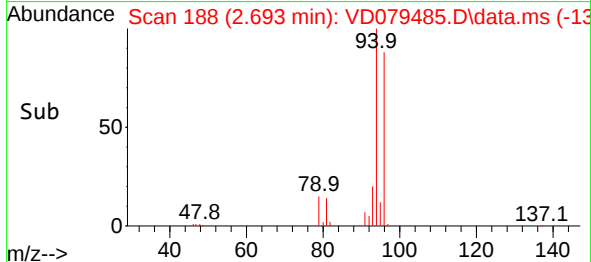
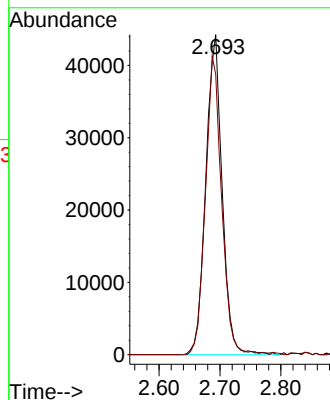
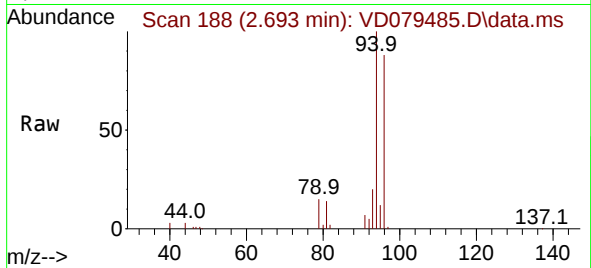
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 94 Resp: 82481

Ion Ratio Lower Upper

94 100

96 92.7 76.9 115.3



#6

Chloroethane

Concen: 51.217 ug/l

RT: 2.834 min Scan# 212

Delta R.T. 0.006 min

Lab File: VD079485.D

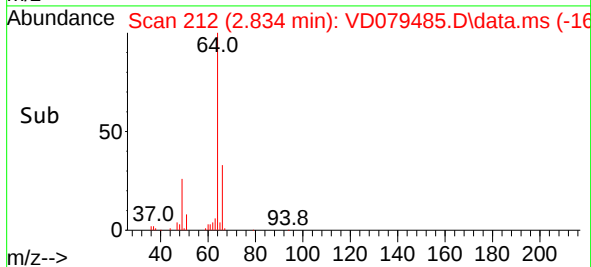
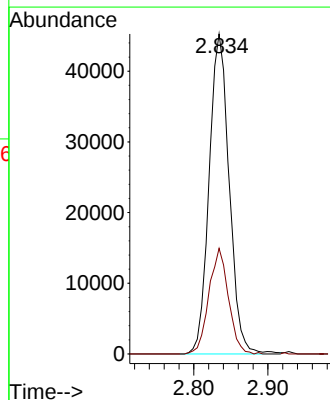
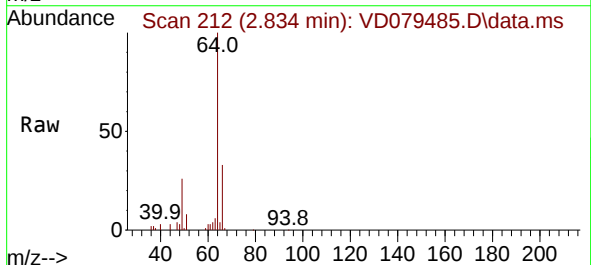
Acq: 31 Jul 2024 06:02

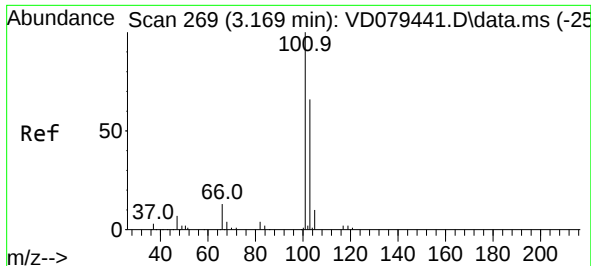
Tgt Ion: 64 Resp: 85239

Ion Ratio Lower Upper

64 100

66 33.0 24.5 36.7

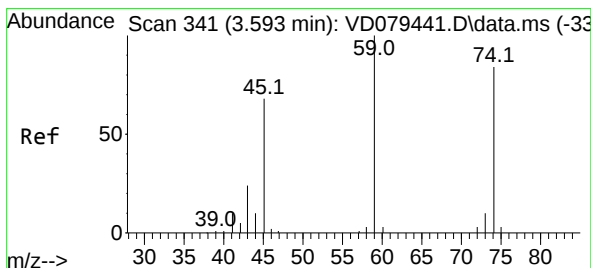
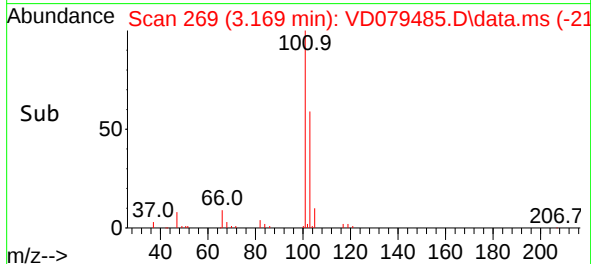
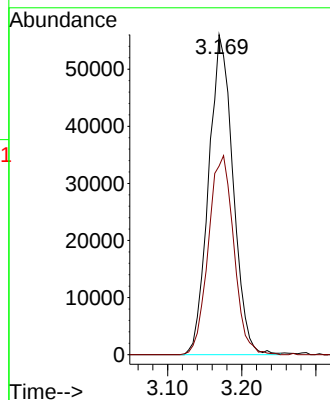
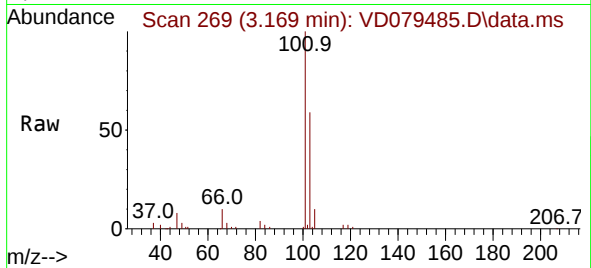




#7
Trichlorofluoromethane
Concen: 49.755 ug/l
RT: 3.169 min Scan# 206
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

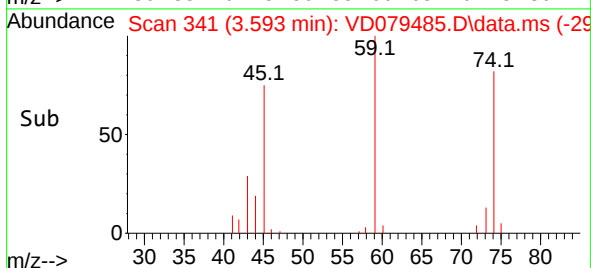
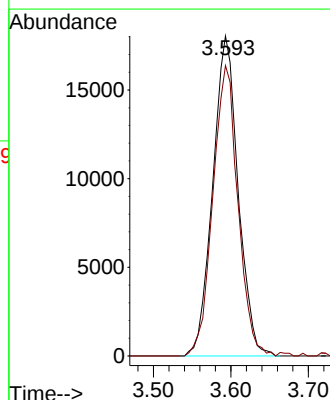
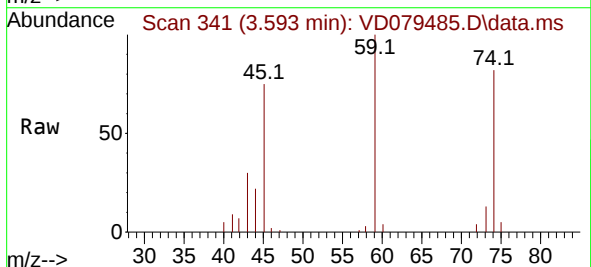
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

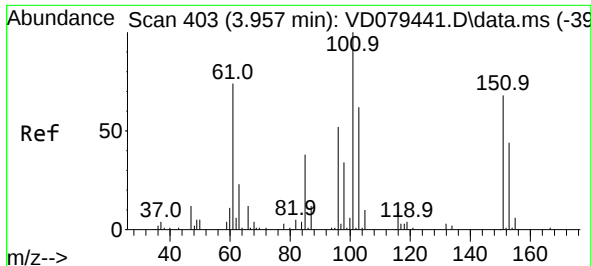
Tgt Ion:101 Resp: 128153
Ion Ratio Lower Upper
101 100
103 58.9 53.2 79.8



#8
Diethyl Ether
Concen: 52.771 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 74 Resp: 41058
Ion Ratio Lower Upper
74 100
45 89.7 37.9 113.6

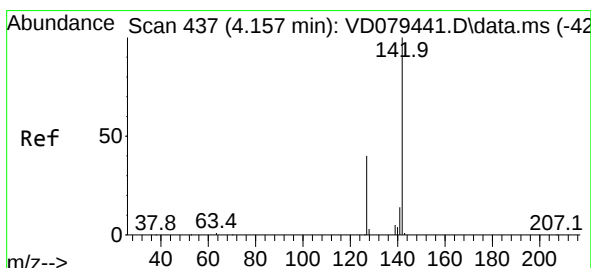
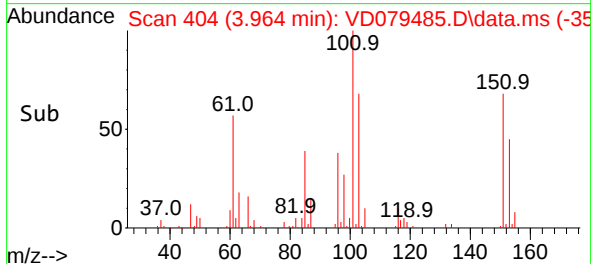
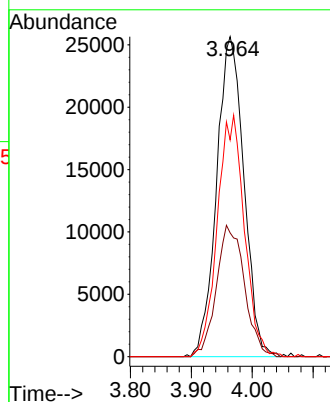
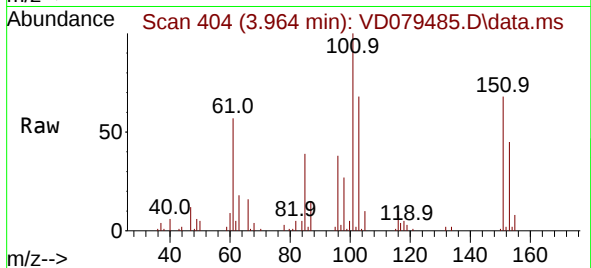




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.079 ug/l
RT: 3.964 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

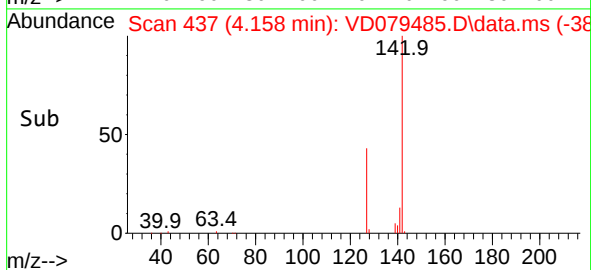
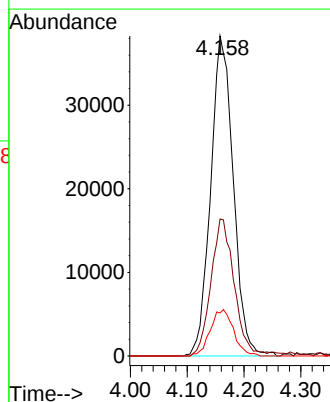
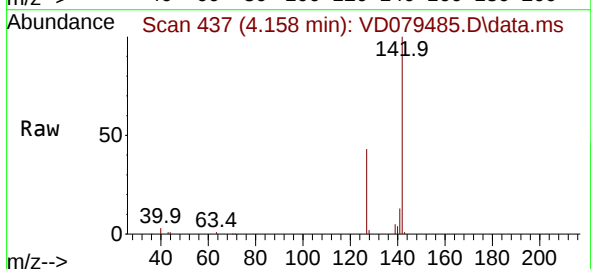
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

Tgt Ion:101 Resp: 79951
Ion Ratio Lower Upper
101 100
85 42.0 33.5 50.3
151 74.8 60.3 90.5



#10
Methyl Iodide
Concen: 53.128 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:142 Resp: 105913
Ion Ratio Lower Upper
142 100
127 43.7 34.2 51.4
141 14.9 11.7 17.5





#11

Tert butyl alcohol

Concen: 306.879 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

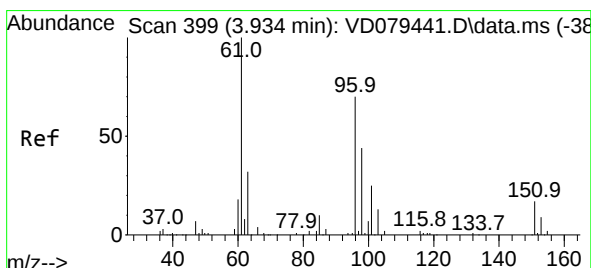
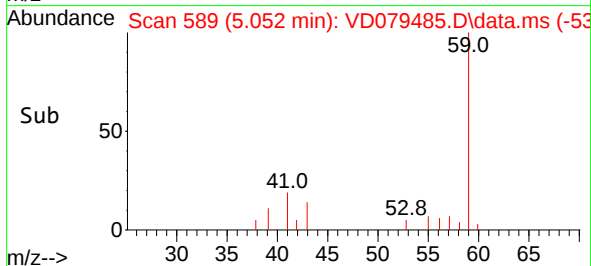
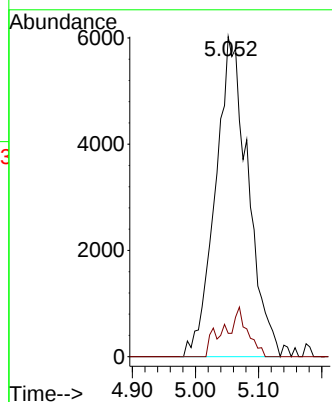
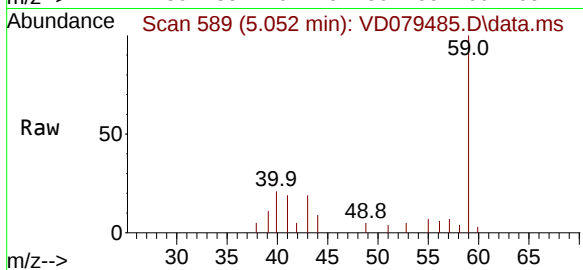
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 59 Resp: 21543

Ion Ratio Lower Upper

59 100

57 6.9 3.6 5.4#



#12

1,1-Dichloroethene

Concen: 48.572 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.012 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

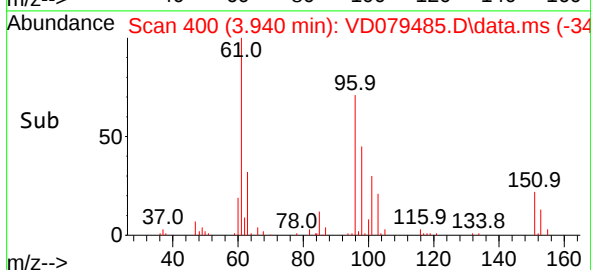
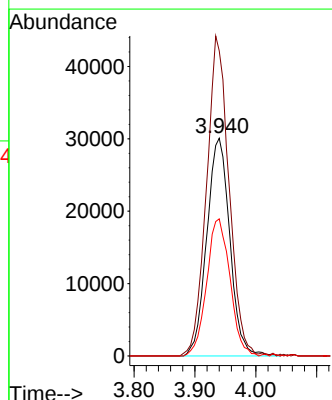
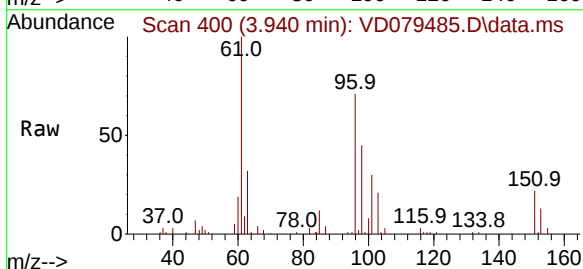
Tgt Ion: 96 Resp: 79184

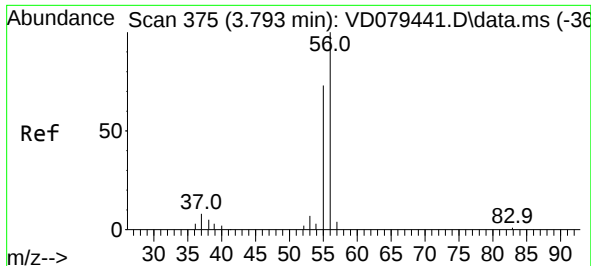
Ion Ratio Lower Upper

96 100

61 140.1 107.3 160.9

98 63.0 51.7 77.5





#13

Acrolein

Concen: 60.894 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

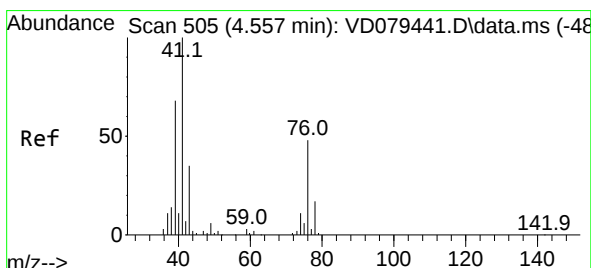
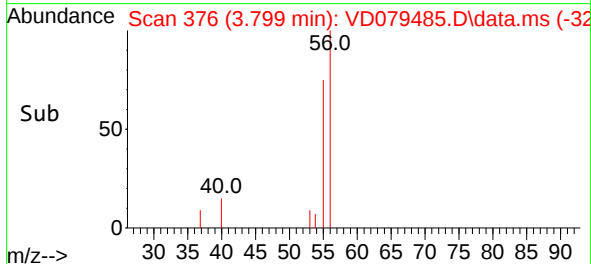
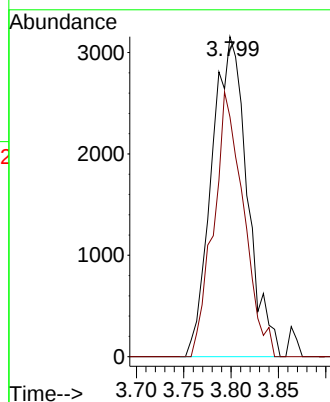
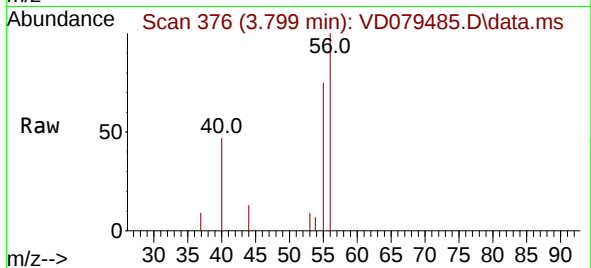
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 56 Resp: 8247

Ion Ratio Lower Upper

56 100

55 69.7 55.3 82.9



#14

Allyl chloride

Concen: 45.894 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

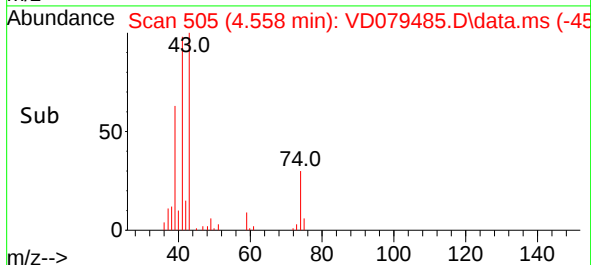
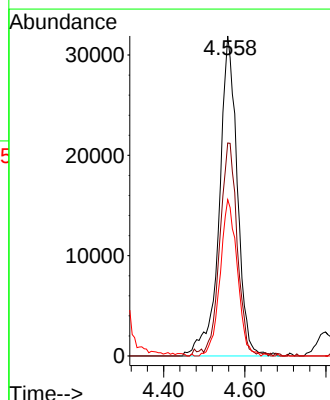
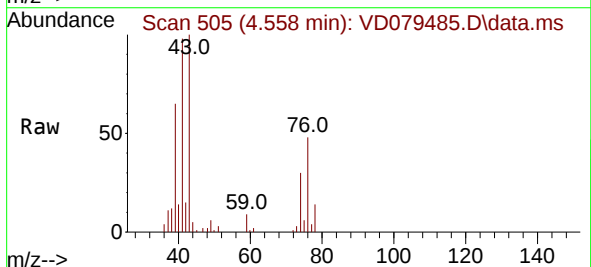
Tgt Ion: 41 Resp: 98797

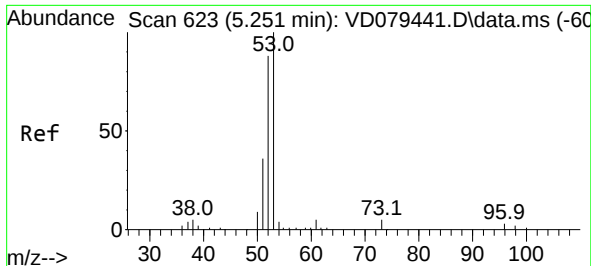
Ion Ratio Lower Upper

41 100

39 63.1 58.0 87.0

76 46.4 45.9 68.9

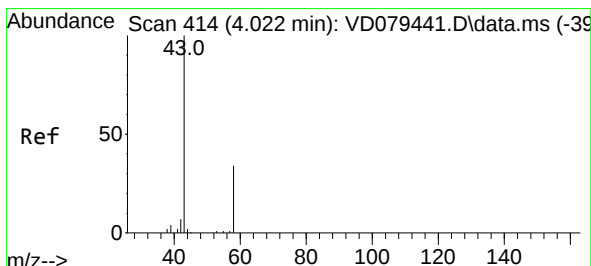
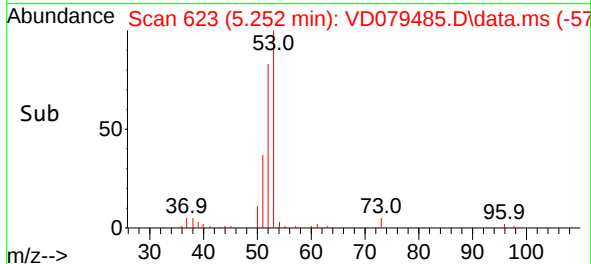
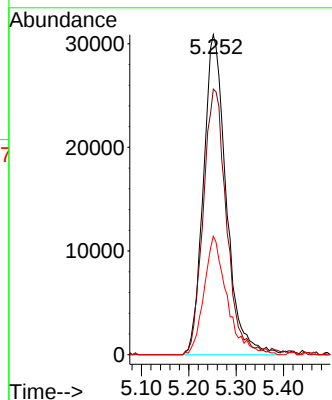
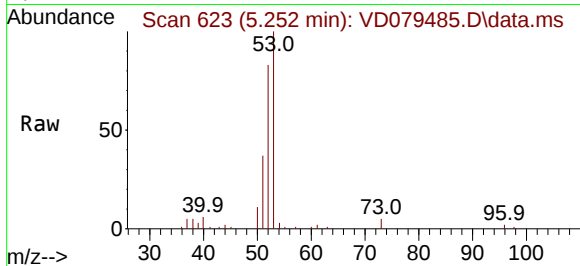




#15
Acrylonitrile
Concen: 283.954 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

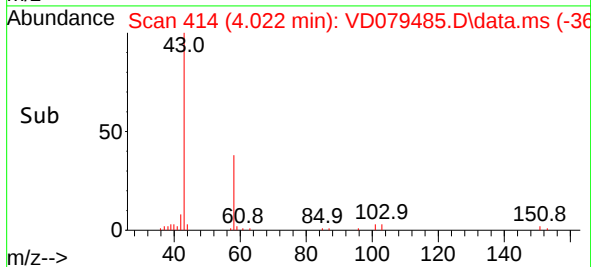
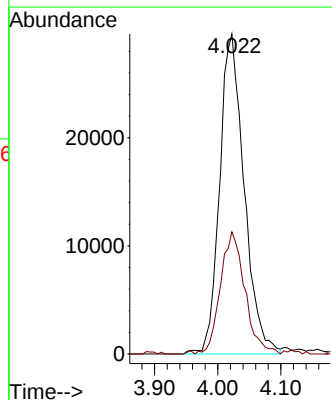
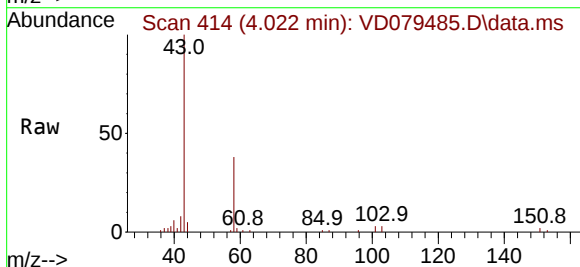
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

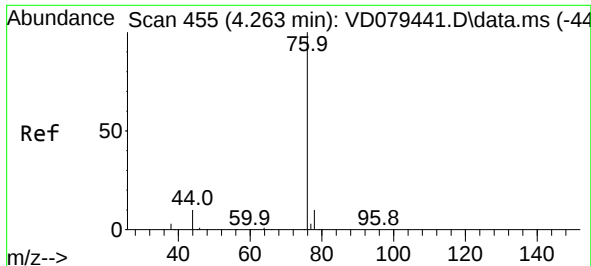
Tgt Ion: 53 Resp: 103237
Ion Ratio Lower Upper
53 100
52 84.4 67.7 101.5
51 37.0 28.6 42.8



#16
Acetone
Concen: 267.976 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 43 Resp: 79827
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

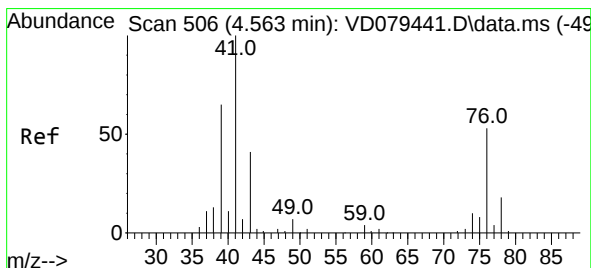
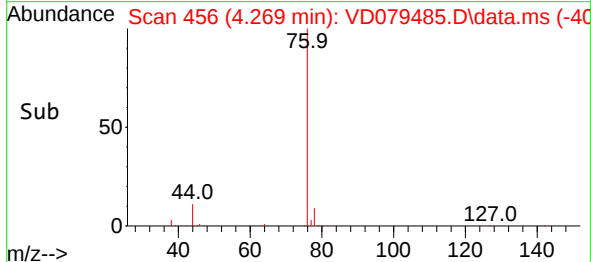
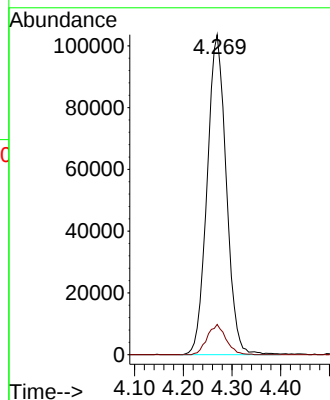
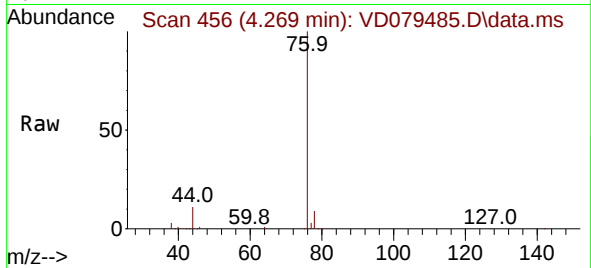




#17
Carbon Disulfide
Concen: 52.515 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

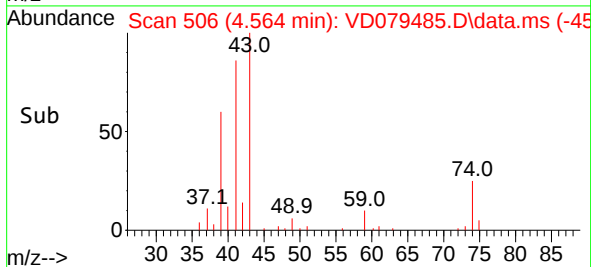
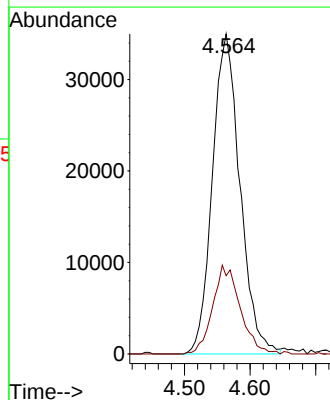
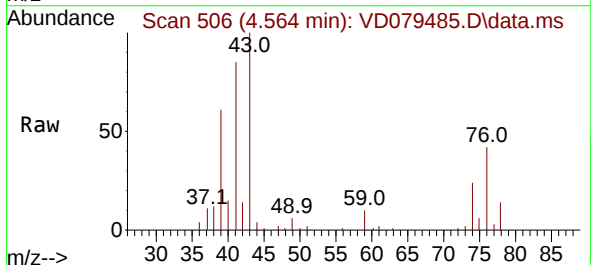
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

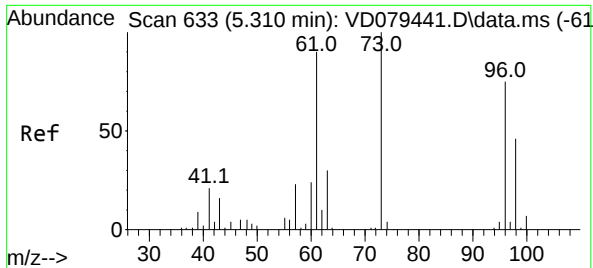
Tgt Ion: 76 Resp: 282597
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3



#18
Methyl Acetate
Concen: 110.309 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 43 Resp: 102023
Ion Ratio Lower Upper
43 100
74 27.6 28.1 42.1#

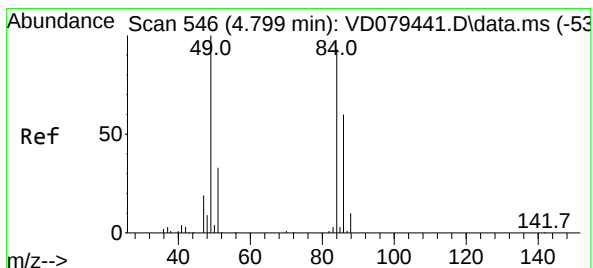
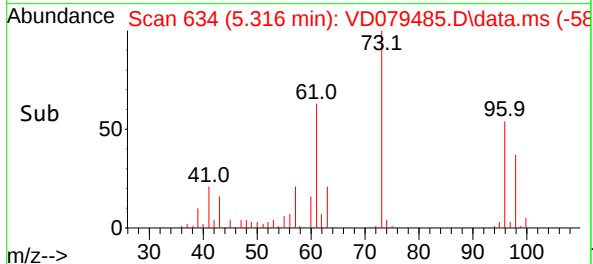
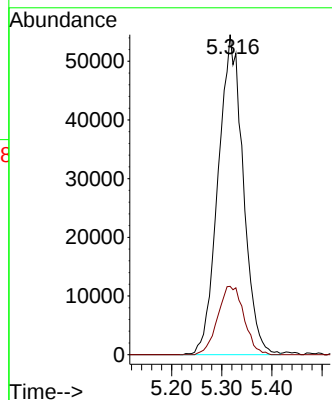
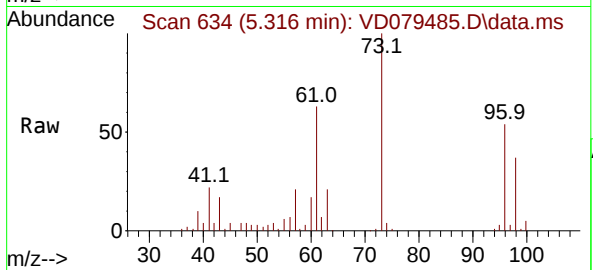




#19
Methyl tert-butyl Ether
Concen: 56.850 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

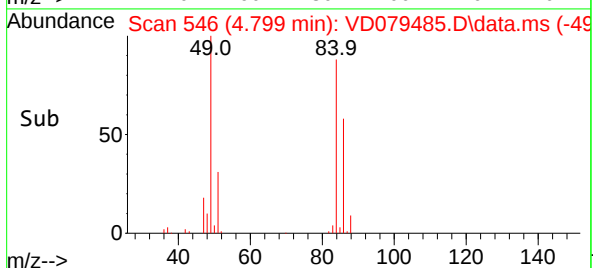
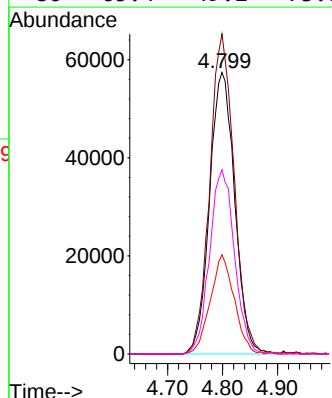
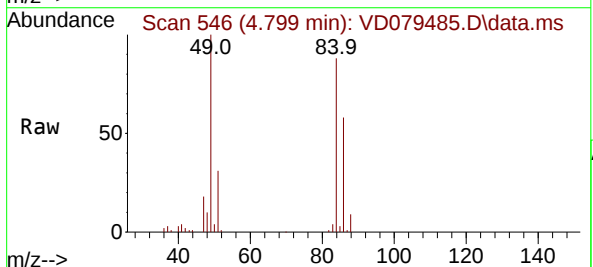
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

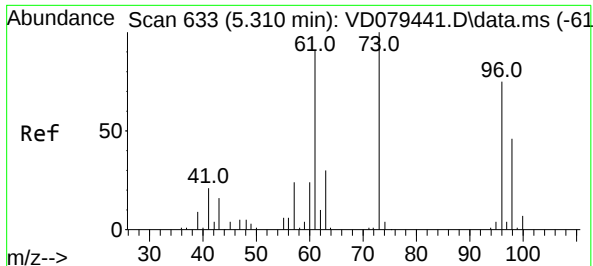
Tgt Ion: 73 Resp: 189177
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 88.598 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 84 Resp: 181930
Ion Ratio Lower Upper
84 100
49 113.7 75.6 113.4#
51 35.2 24.2 36.2
86 65.4 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 52.386 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

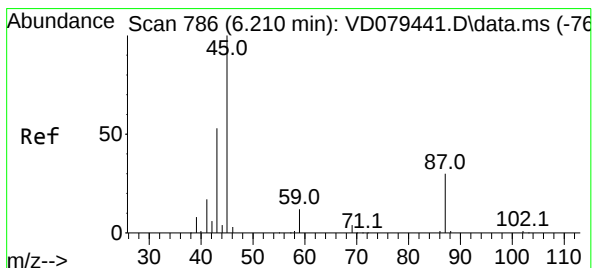
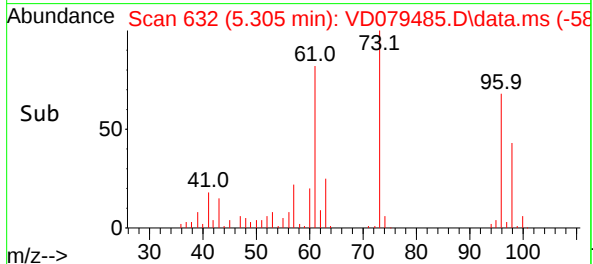
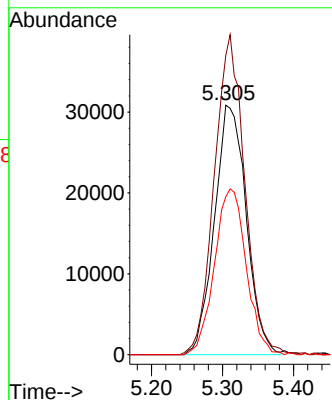
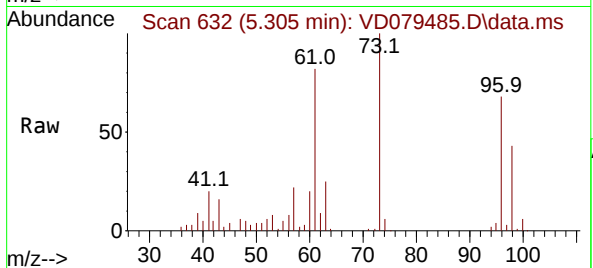
Tgt Ion: 96 Resp: 95939

Ion Ratio Lower Upper

96 100

61 119.9 84.5 126.7

98 63.3 50.5 75.7



#22

Diisopropyl ether

Concen: 54.878 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion: 45 Resp: 262855

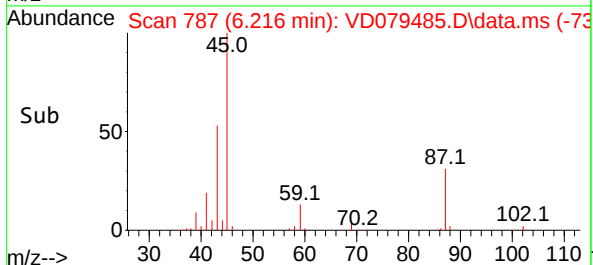
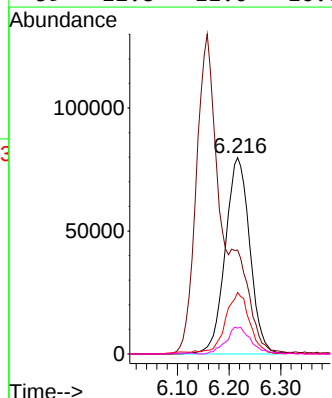
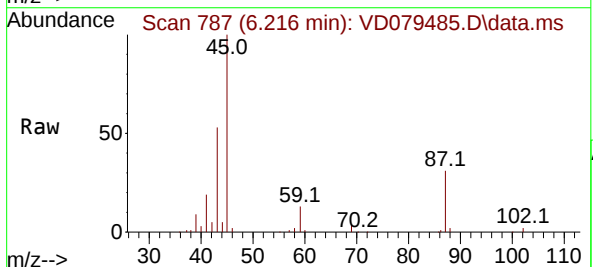
Ion Ratio Lower Upper

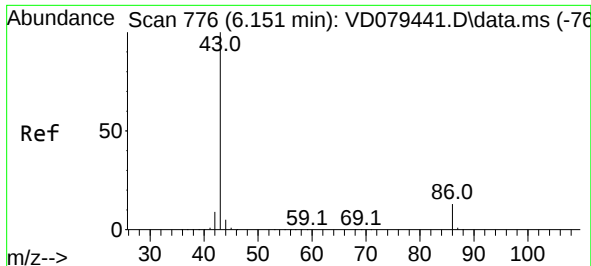
45 100

43 51.5 41.7 62.5

87 31.0 30.2 45.2

59 12.8 11.0 16.6

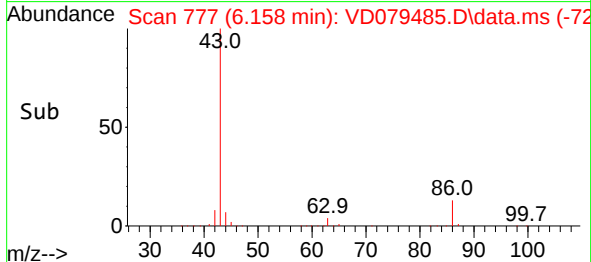
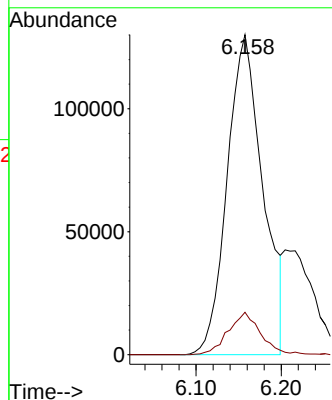
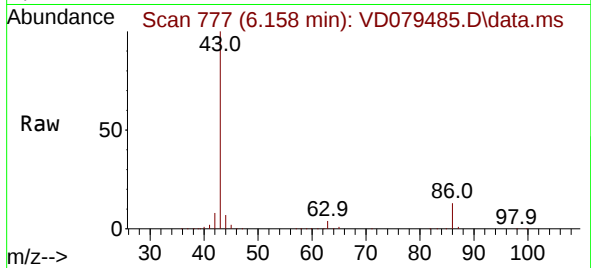




#23
 Vinyl Acetate
 Concen: 105.230 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

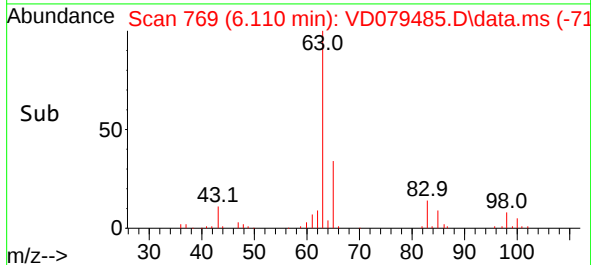
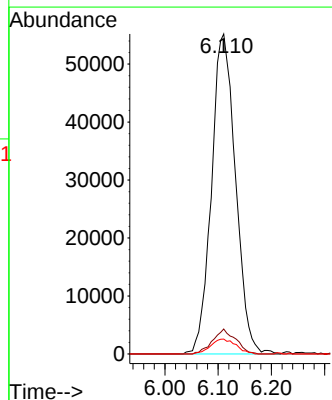
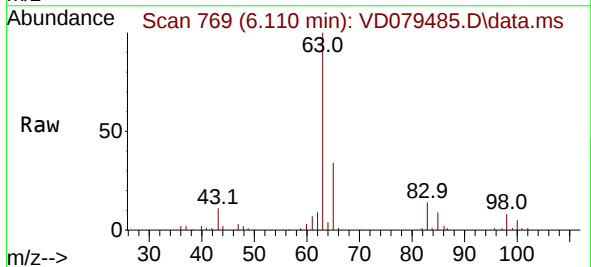
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MS

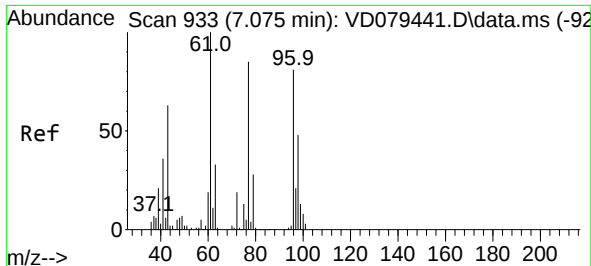
Tgt Ion: 43 Resp: 378888
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.3 18.5



#24
 1,1-Dichloroethane
 Concen: 53.903 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

Tgt Ion: 63 Resp: 173020
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.7 14.0
 100 4.6 2.9 8.6





#25

2-Butanone

Concen: 274.662 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

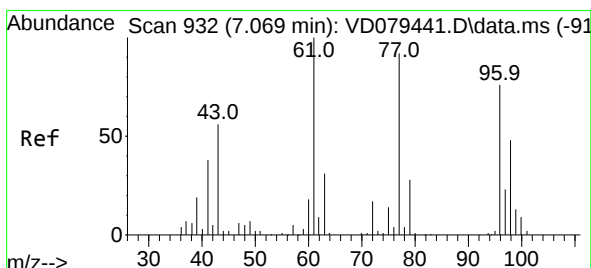
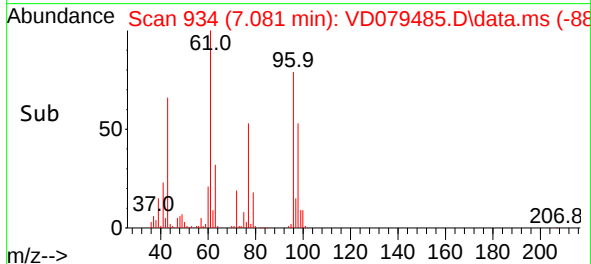
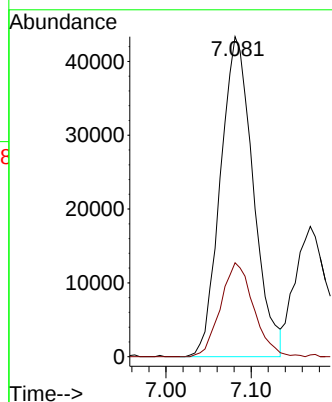
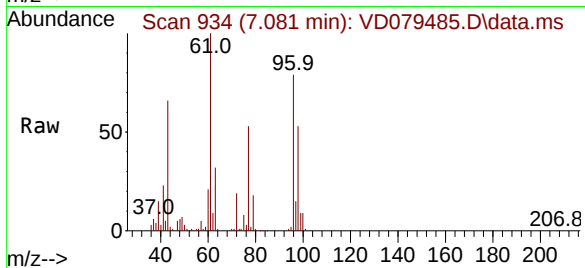
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 43 Resp: 115996

Ion Ratio Lower Upper

43 100

72 29.4 26.4 39.6



#26

2,2-Dichloropropane

Concen: 43.672 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD079485.D

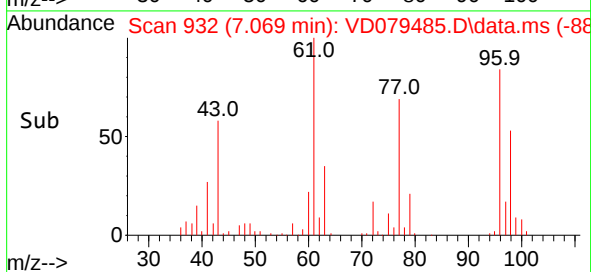
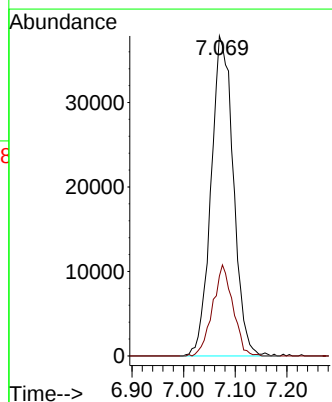
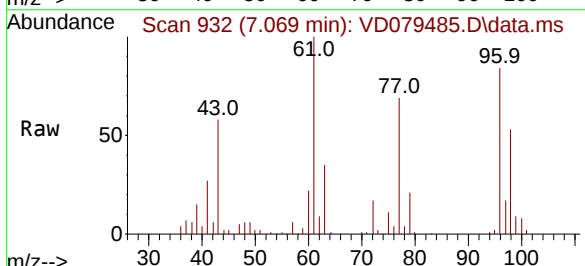
Acq: 31 Jul 2024 06:02

Tgt Ion: 77 Resp: 113387

Ion Ratio Lower Upper

77 100

97 26.0 12.4 37.2

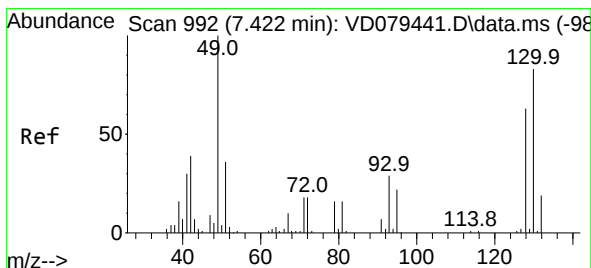
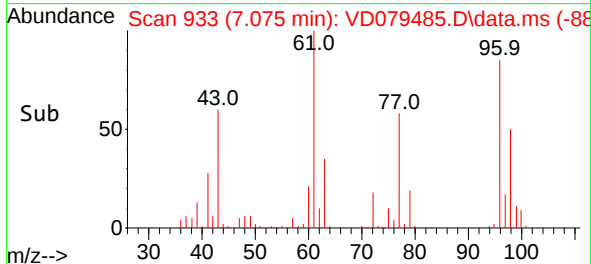
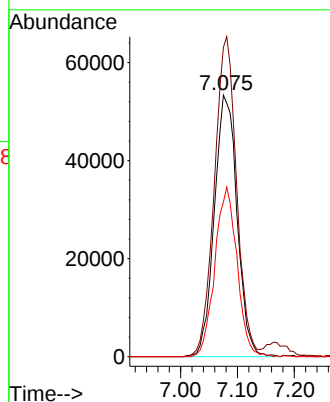
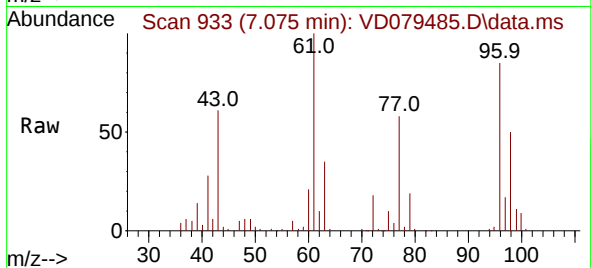




#27
cis-1,2-Dichloroethene
Concen: 71.089 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

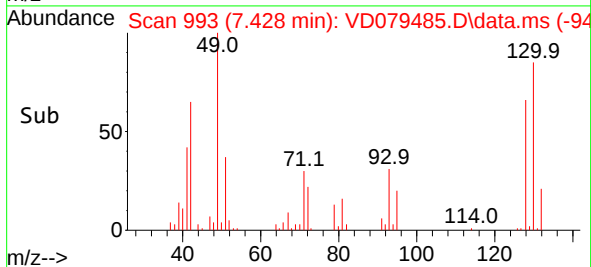
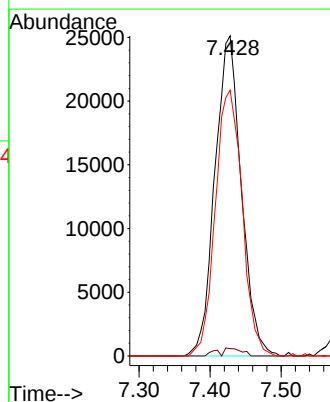
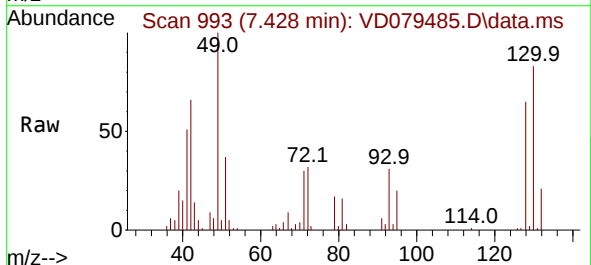
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

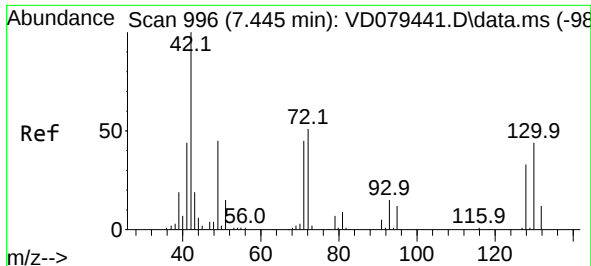
Tgt Ion: 96 Resp: 148813
Ion Ratio Lower Upper
96 100
61 119.3 0.0 229.0
98 63.0 0.0 127.2



#28
Bromochloromethane
Concen: 45.981 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.012 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 49 Resp: 64721
Ion Ratio Lower Upper
49 100
129 1.6 0.0 7.0
130 84.7 87.7 131.5#





#29

Tetrahydrofuran

Concen: 291.909 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079485.D

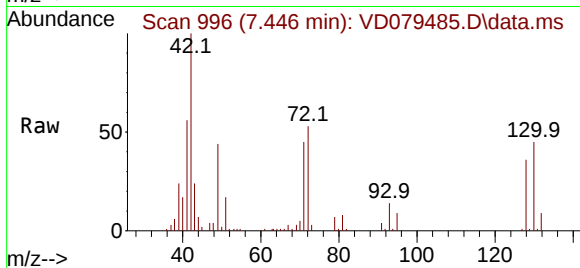
Acq: 31 Jul 2024 06:02

Instrument :

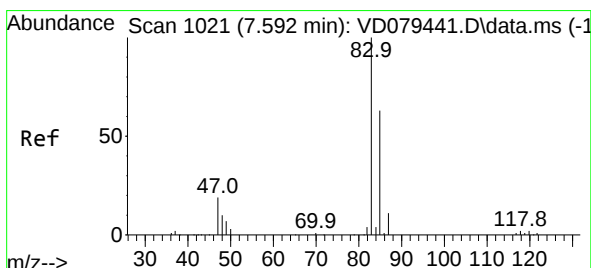
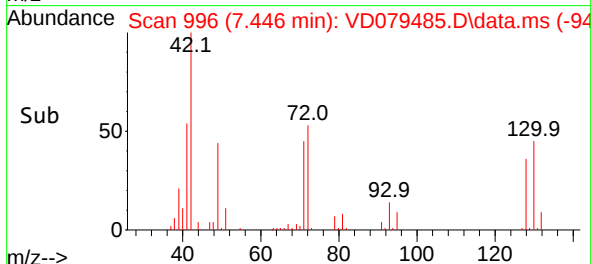
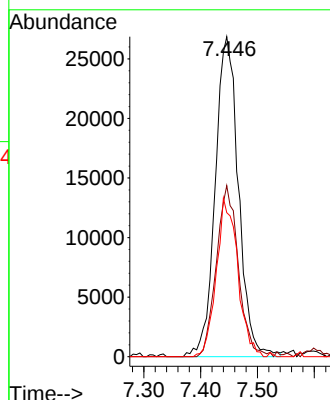
MSVOA_D

ClientSampleId :

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



Tgt Ion:	42	Resp:	76400
Ion	Ratio	Lower	Upper
42	100		
72	50.5	49.4	74.0
71	45.4	45.0	67.6



#30

Chloroform

Concen: 57.403 ug/l

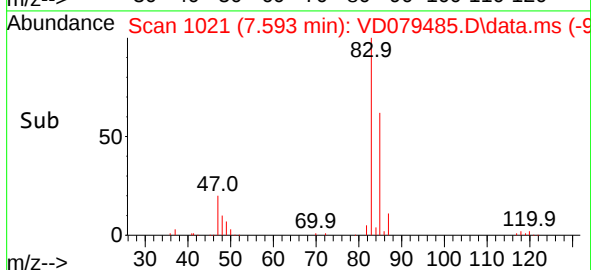
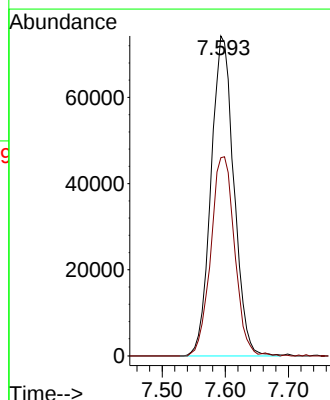
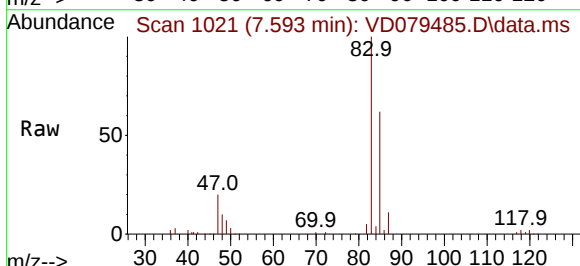
RT: 7.593 min Scan# 1021

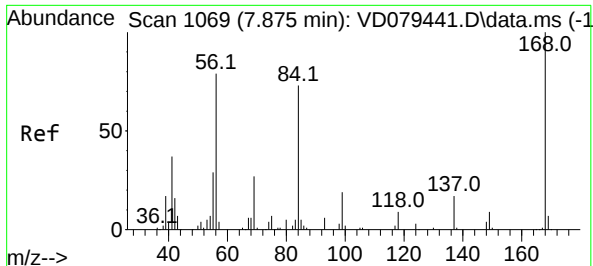
Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:	83	Resp:	186591
Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.8	77.6

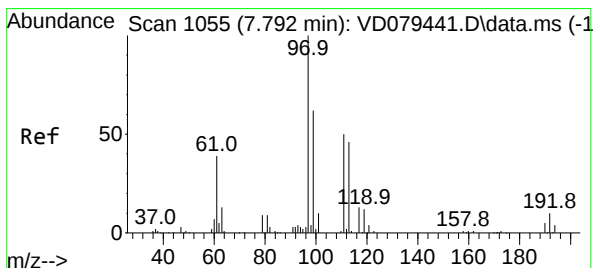
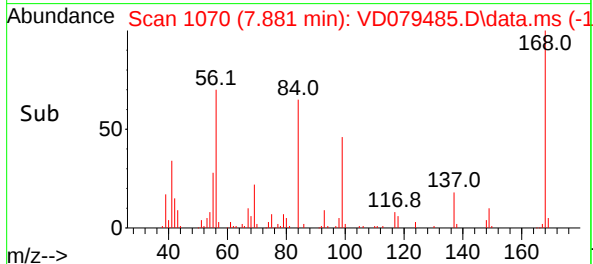
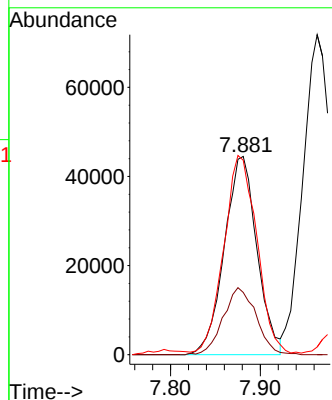
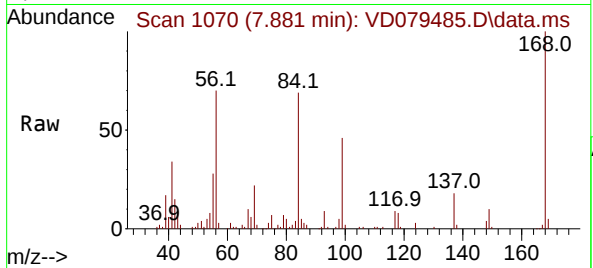




#31
Cyclohexane
Concen: 44.056 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

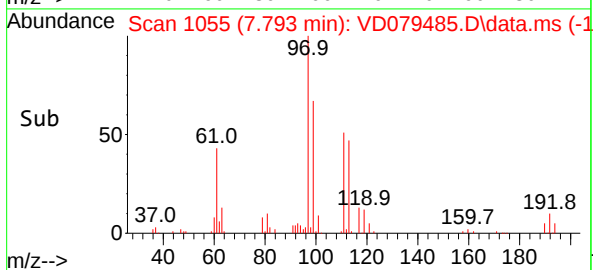
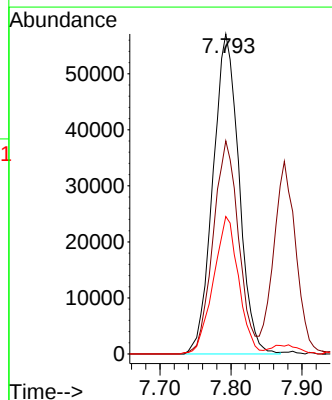
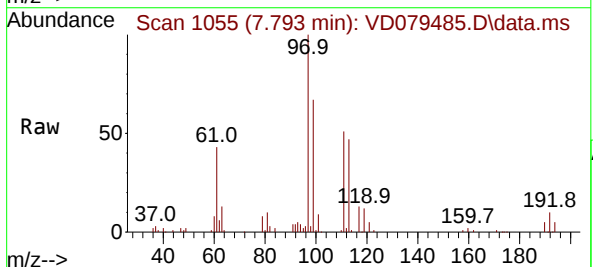
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

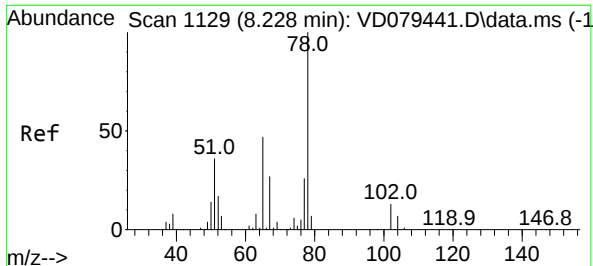
Tgt Ion: 56 Resp: 112153
Ion Ratio Lower Upper
56 100
69 31.1 28.0 42.0
84 96.5 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 54.149 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 97 Resp: 145241
Ion Ratio Lower Upper
97 100
99 65.8 51.3 76.9
61 41.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 52.837 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

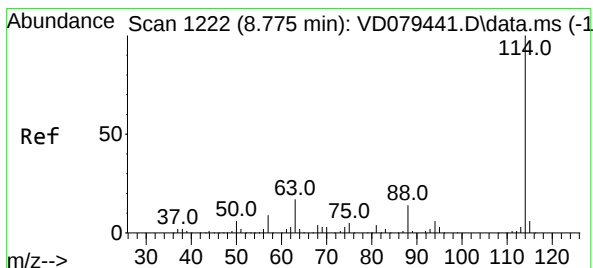
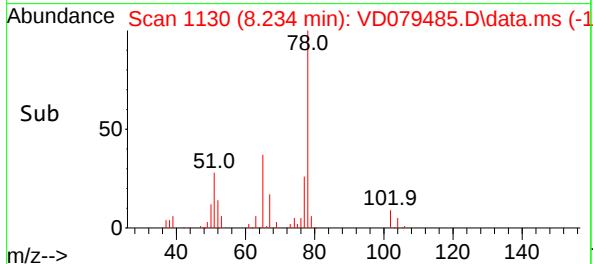
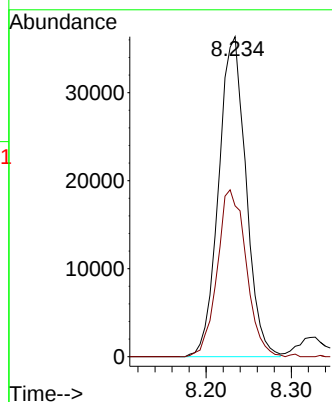
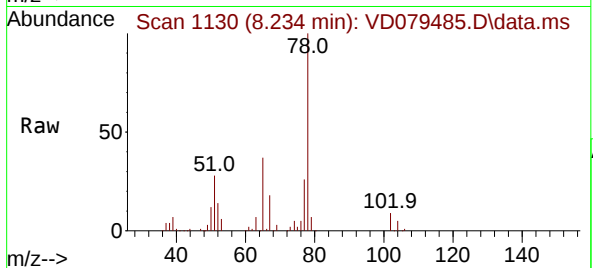
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 65 Resp: 80989

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

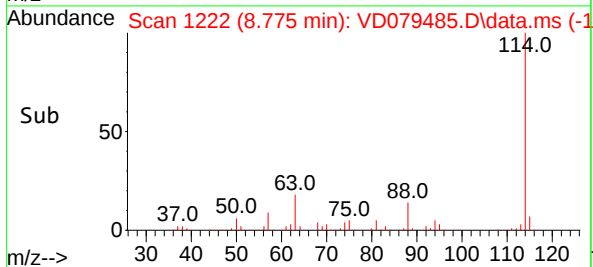
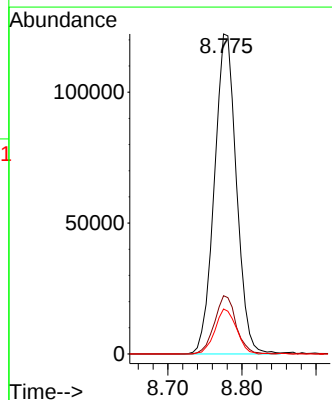
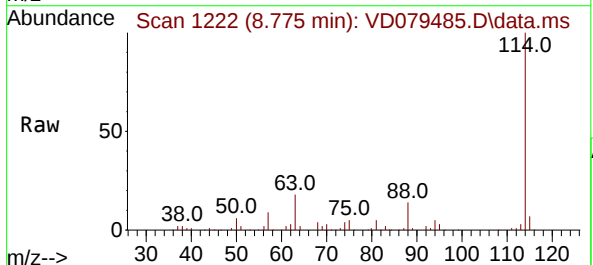
Tgt Ion: 114 Resp: 252775

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.478 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079485.D

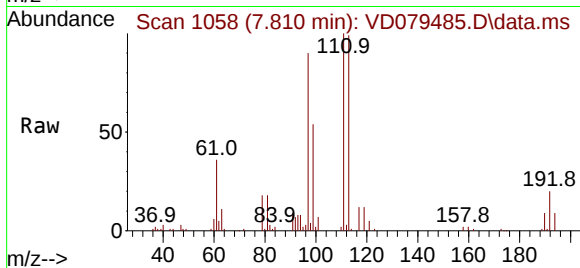
Acq: 31 Jul 2024 06:02

Instrument :

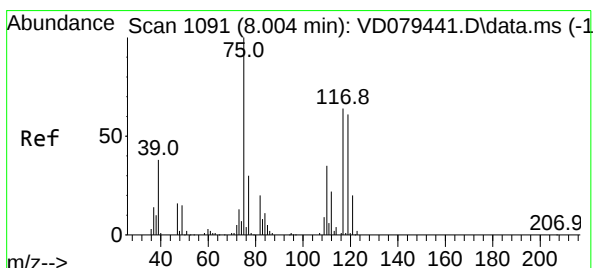
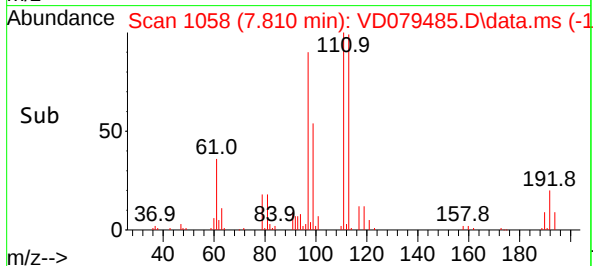
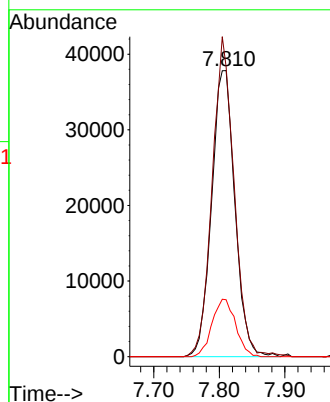
MSVOA_D

ClientSampleId :

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



Tgt Ion:	113	Resp:	93207
Ion	Ratio	Lower	Upper
113	100		
111	104.9	84.0	126.0
192	20.3	15.4	23.0



#36

1,1-Dichloropropene

Concen: 50.555 ug/l

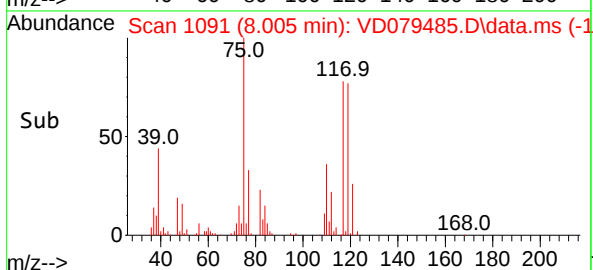
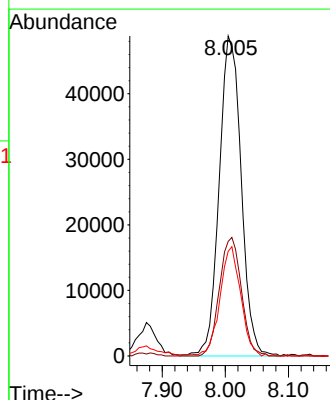
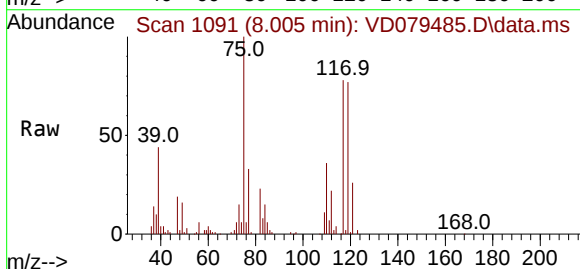
RT: 8.005 min Scan# 1091

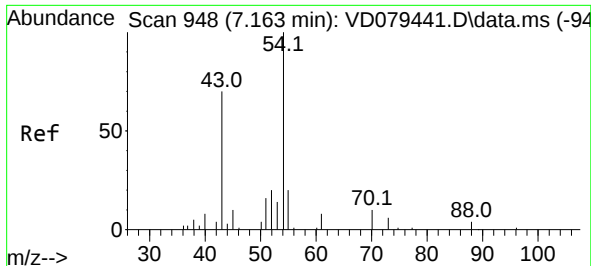
Delta R.T. -0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:	75	Resp:	118057
Ion	Ratio	Lower	Upper
75	100		
110	37.0	19.6	58.7
77	32.6	26.1	39.1





#37

Ethyl Acetate

Concen: 49.595 ug/l

RT: 7.169 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD079485.D

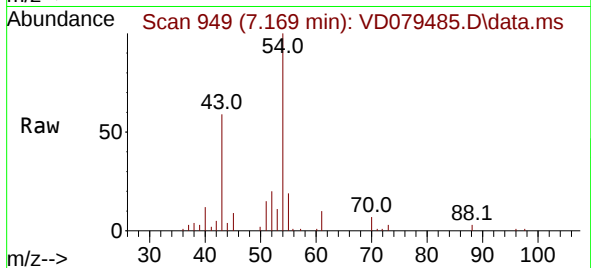
Acq: 31 Jul 2024 06:02

Instrument :

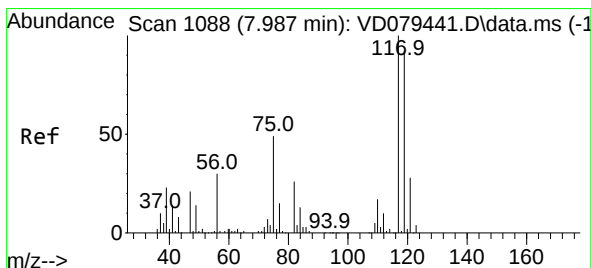
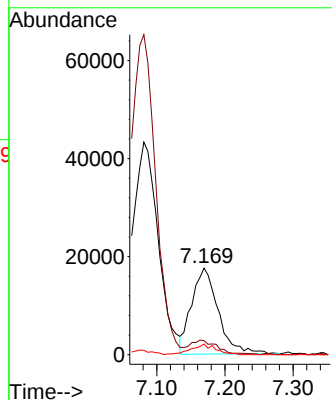
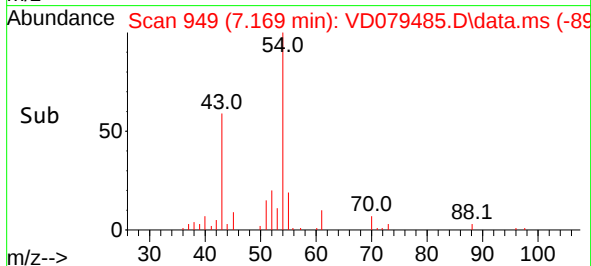
MSVOA_D

ClientSampleId :

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



Tgt Ion:	43	Resp:	47484
Ion	Ratio	Lower	Upper
43	100		
61	17.4	13.9	20.9
70	11.3	9.8	14.6



#38

Carbon Tetrachloride

Concen: 52.350 ug/l

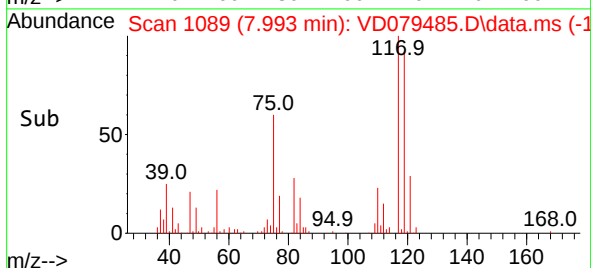
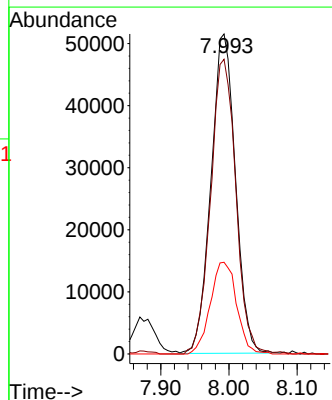
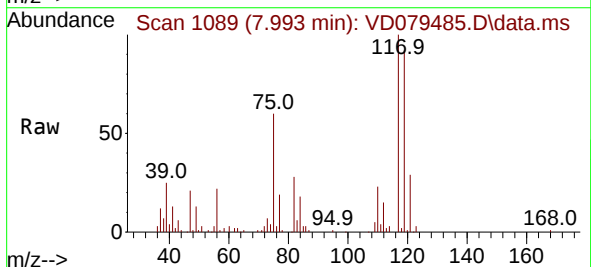
RT: 7.993 min Scan# 1089

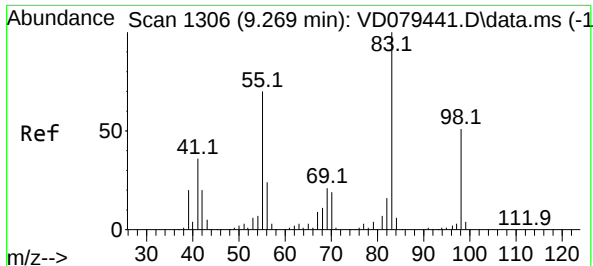
Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:	117	Resp:	128510
Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.4	113.0
121	28.7	25.0	37.4





#39

Methylcyclohexane

Concen: 48.524 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

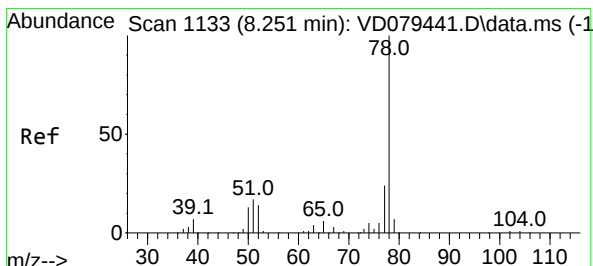
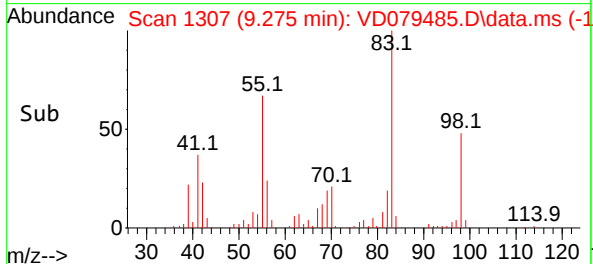
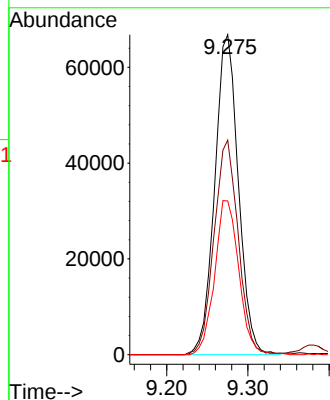
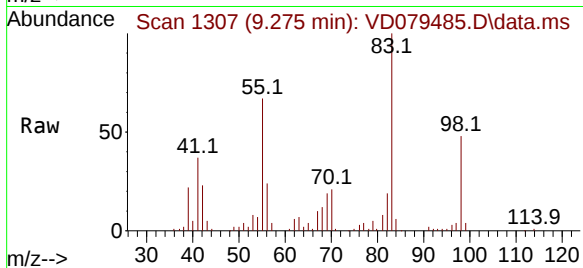
Tgt Ion: 83 Resp: 135201

Ion Ratio Lower Upper

83 100

55 67.1 50.1 75.1

98 48.1 41.9 62.9



#40

Benzene

Concen: 54.551 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD079485.D

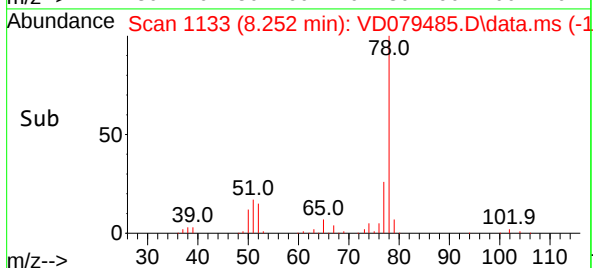
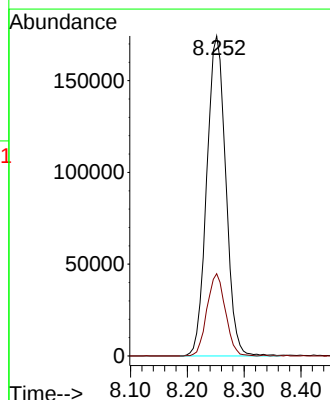
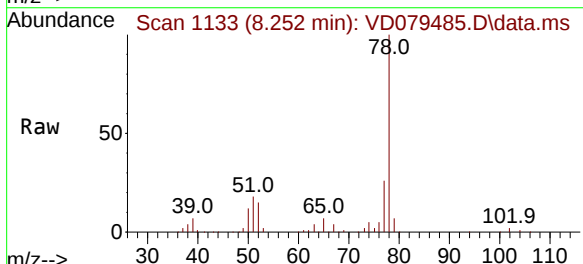
Acq: 31 Jul 2024 06:02

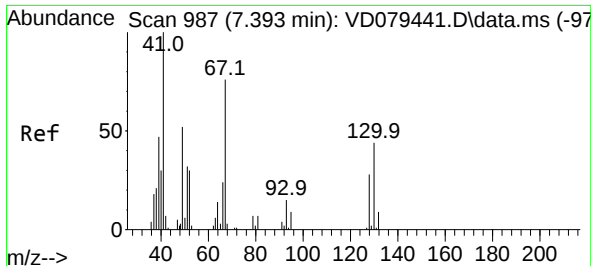
Tgt Ion: 78 Resp: 404605

Ion Ratio Lower Upper

78 100

77 25.7 18.1 27.1

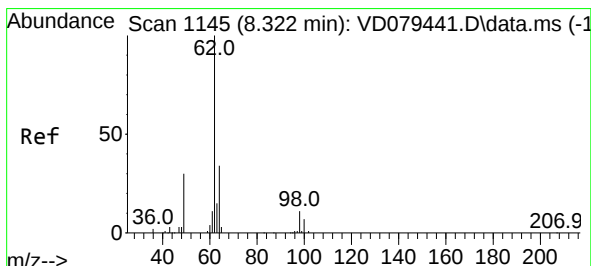
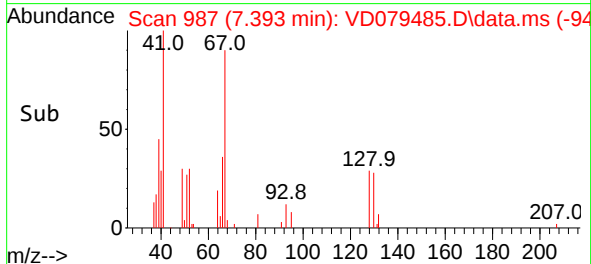
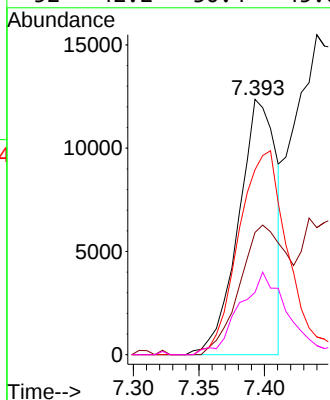
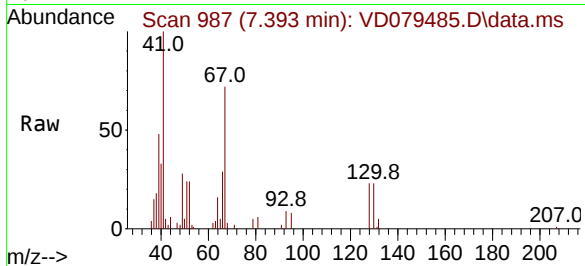




#41
Methacrylonitrile
Concen: 47.011 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.024 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

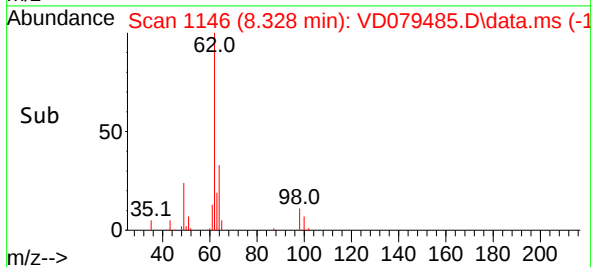
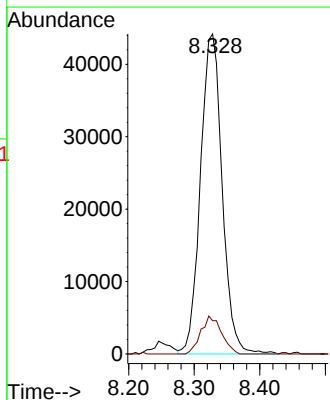
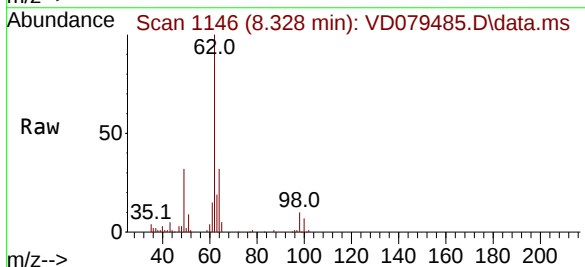
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

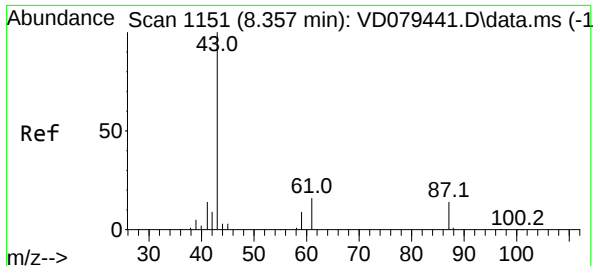
Tgt Ion:	41	Resp:	24758
Ion	Ratio	Lower	Upper
41	100		
39	64.5	41.4	62.0#
67	104.5	85.8	128.6
52	42.2	30.4	45.6



#42
1,2-Dichloroethane
Concen: 57.604 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:	62	Resp:	101812
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.8

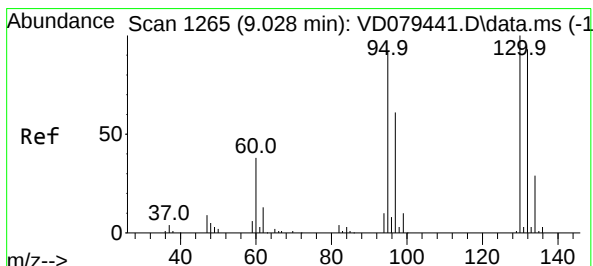
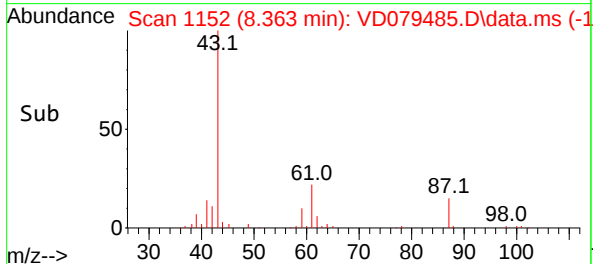
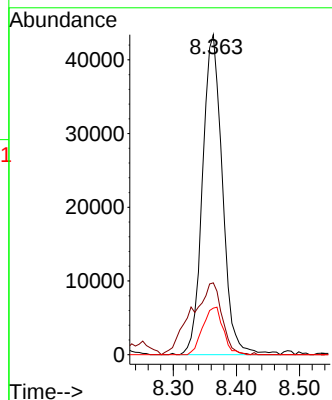
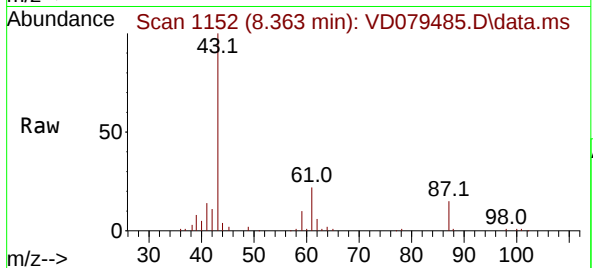




#43
Isopropyl Acetate
Concen: 52.770 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

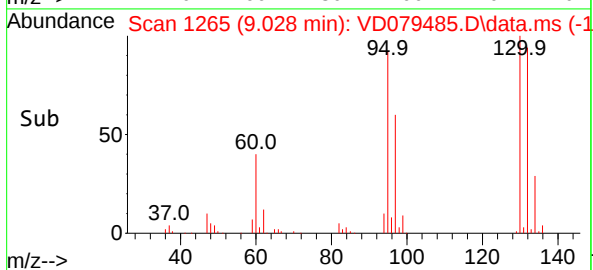
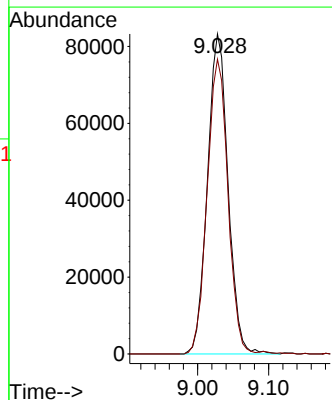
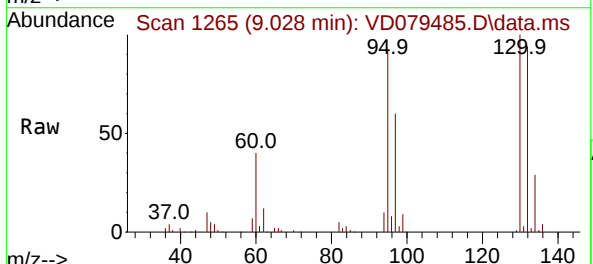
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

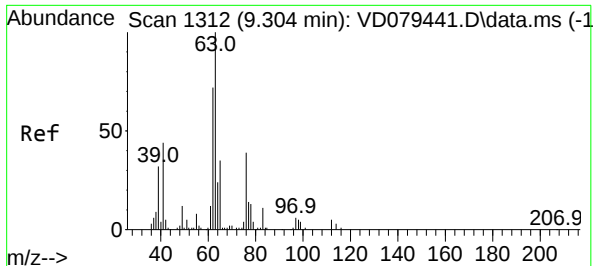
Tgt Ion:	43	Resp:	94956
Ion Ratio	Lower	Upper	
43	100		
61	34.3	29.3	43.9
87	15.2	14.9	22.3



#44
Trichloroethene
Concen: 90.867 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:	130	Resp:	167771
Ion Ratio	Lower	Upper	
130	100		
95	92.1	0.0	177.8





#45

1,2-Dichloropropane

Concen: 56.141 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

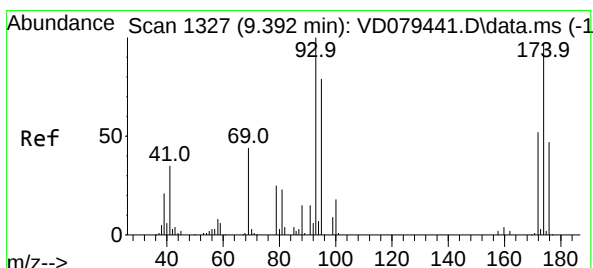
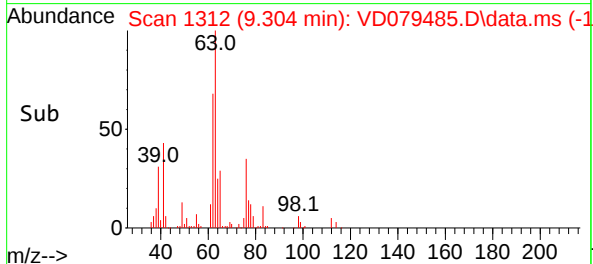
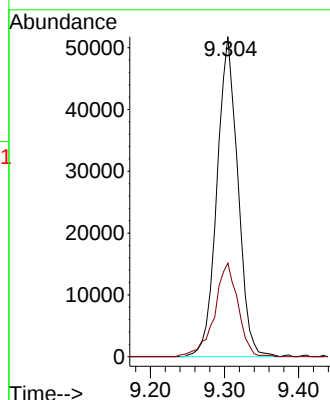
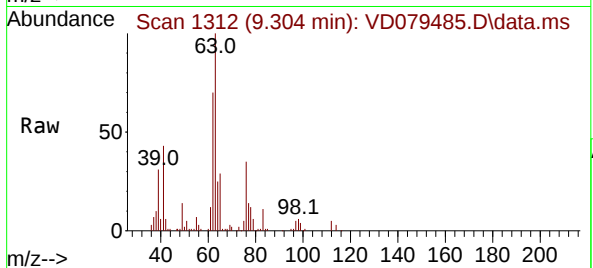
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 63 Resp: 101334

Ion Ratio Lower Upper

63 100

65 29.2 23.8 35.8



#46

Dibromomethane

Concen: 58.971 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

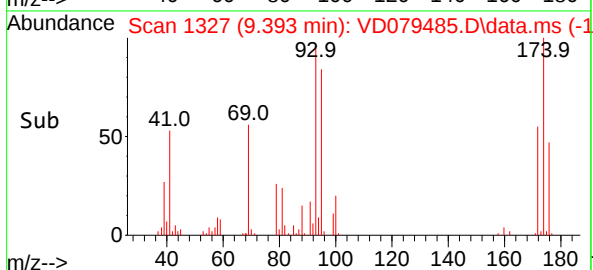
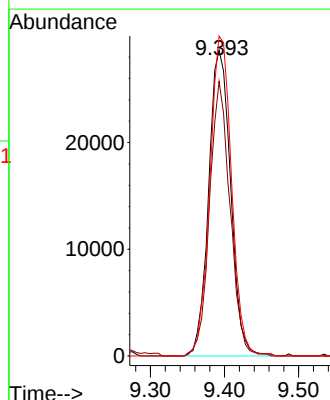
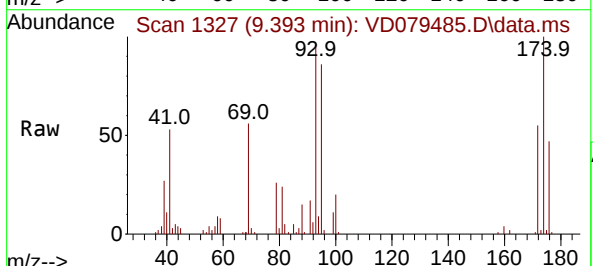
Tgt Ion: 93 Resp: 59008

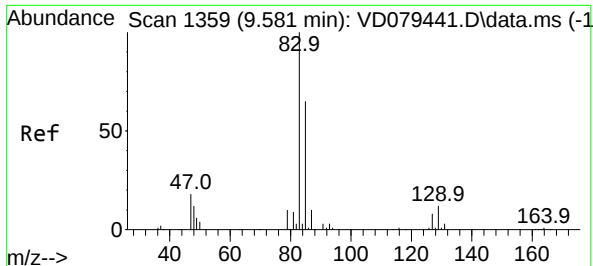
Ion Ratio Lower Upper

93 100

95 83.8 65.6 98.4

174 103.4 82.3 123.5

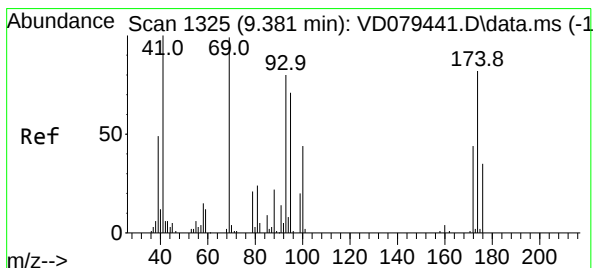
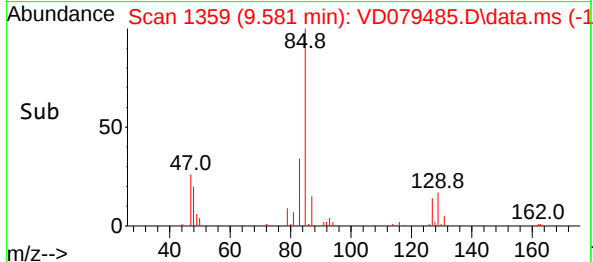
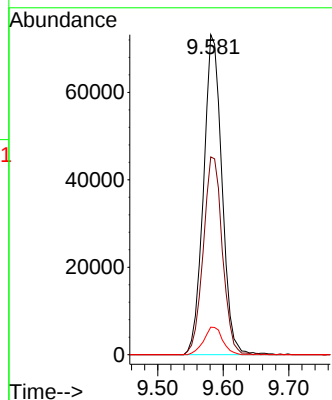
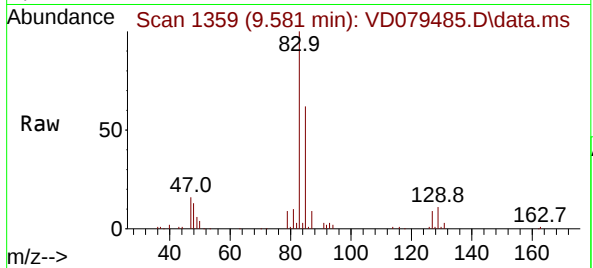




#47
Bromodichloromethane
Concen: 58.268 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

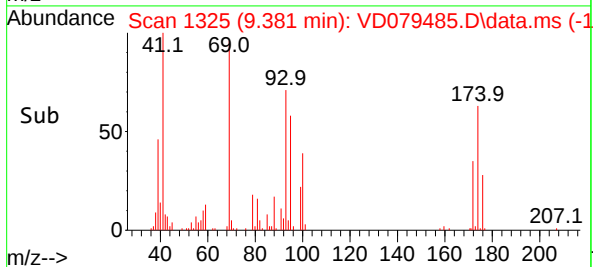
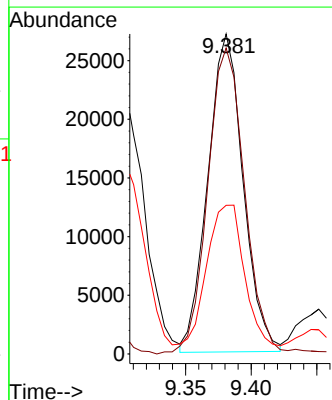
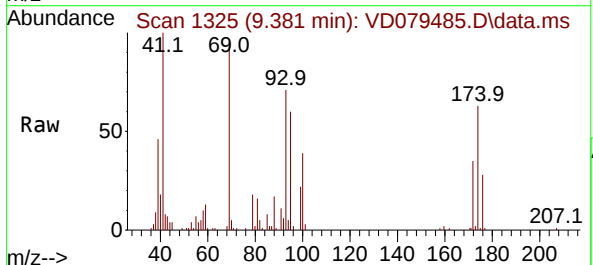
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

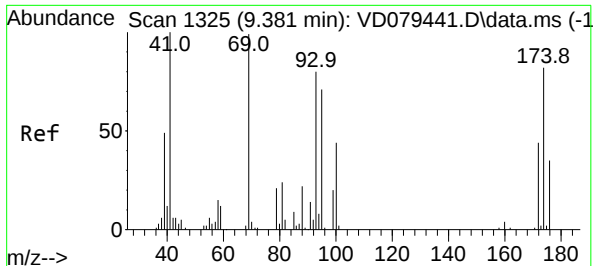
Tgt Ion: 83 Resp: 143165
Ion Ratio Lower Upper
83 100
85 61.8 50.1 75.1
127 8.6 6.8 10.2



#48
Methyl methacrylate
Concen: 63.029 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 41 Resp: 50757
Ion Ratio Lower Upper
41 100
69 101.3 96.7 145.1
39 52.7 43.8 65.6





#49

1,4-Dioxane

Concen: 1180.598 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

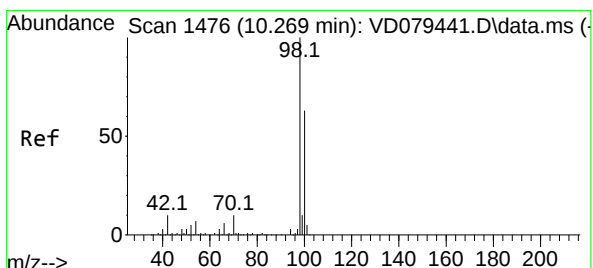
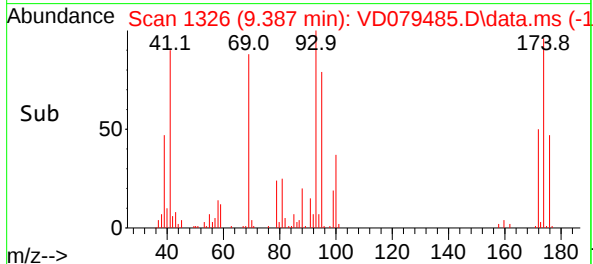
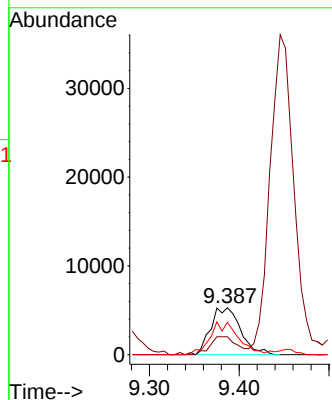
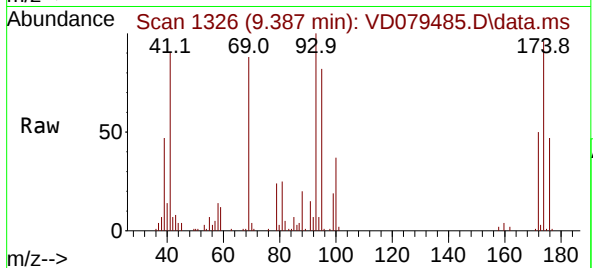
Tgt Ion: 88 Resp: 12241

Ion Ratio Lower Upper

88 100

43 34.6 21.5 32.3#

58 65.6 42.2 63.4#



#50

Toluene-d8

Concen: 49.081 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079485.D

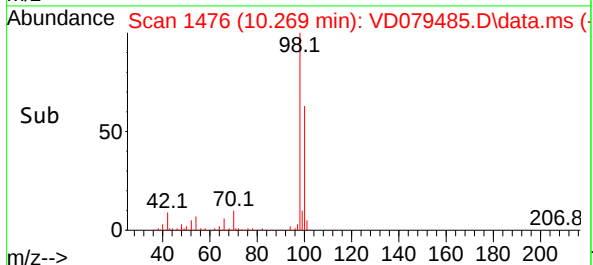
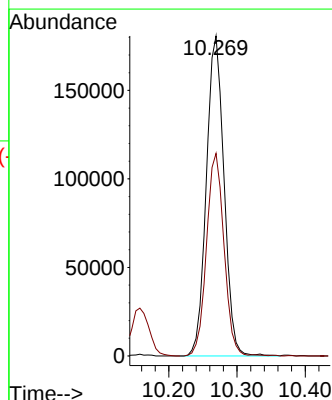
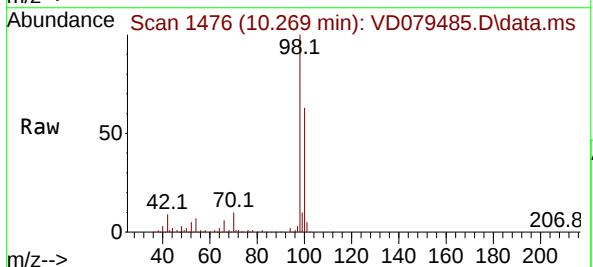
Acq: 31 Jul 2024 06:02

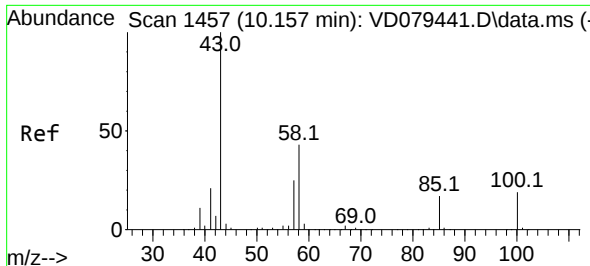
Tgt Ion: 98 Resp: 326093

Ion Ratio Lower Upper

98 100

100 62.7 51.6 77.4

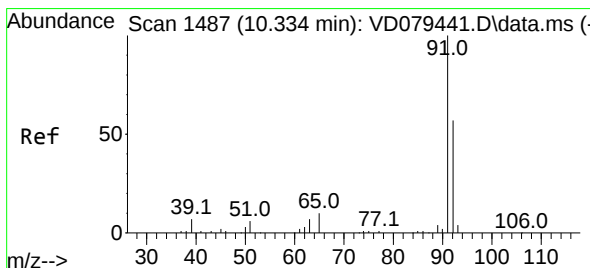
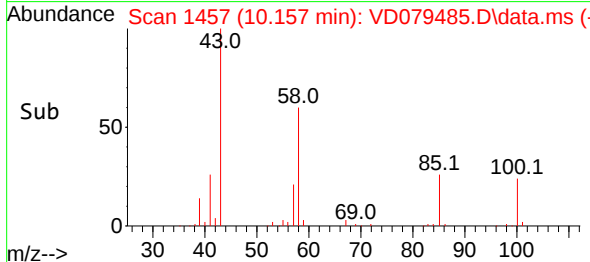
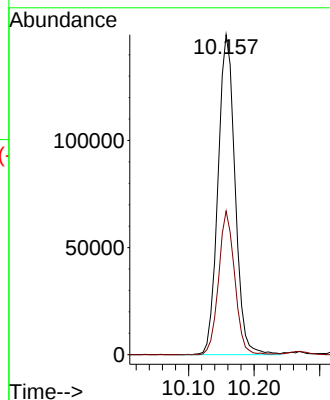
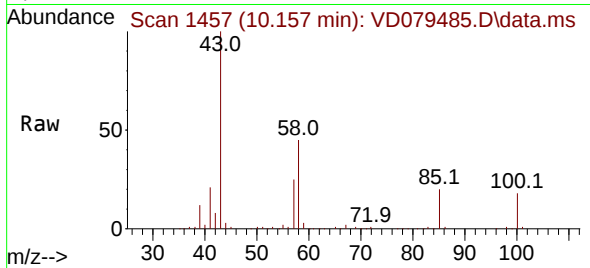




#51
4-Methyl-2-Pentanone
Concen: 292.716 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

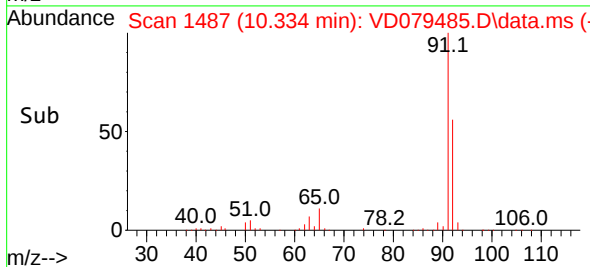
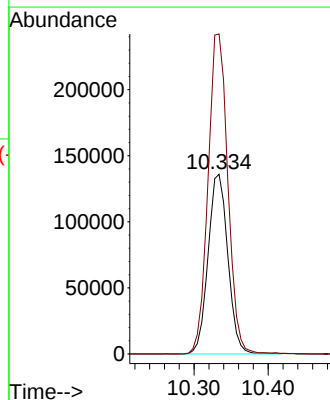
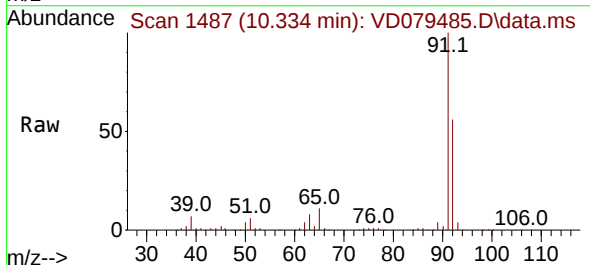
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MS

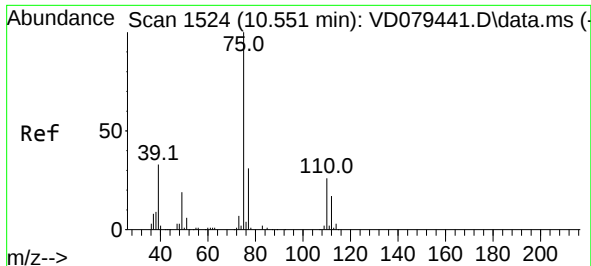
Tgt Ion: 43 Resp: 268916
Ion Ratio Lower Upper
43 100
58 42.4 36.6 55.0



#52
Toluene
Concen: 55.061 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 92 Resp: 252571
Ion Ratio Lower Upper
92 100
91 178.6 141.7 212.5

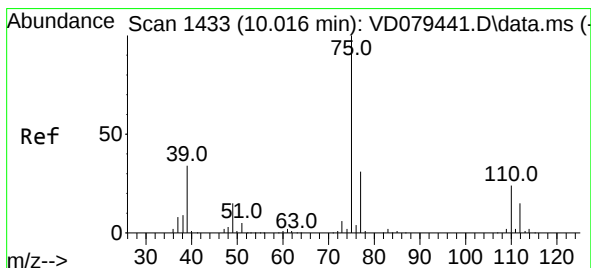
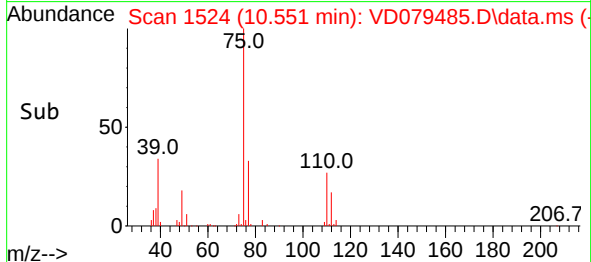
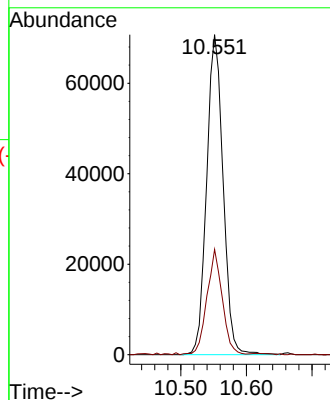
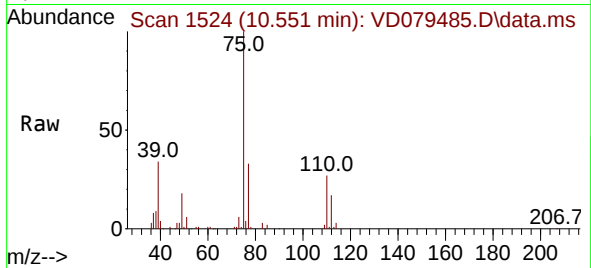




#53
 t-1,3-Dichloropropene
 Concen: 54.439 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

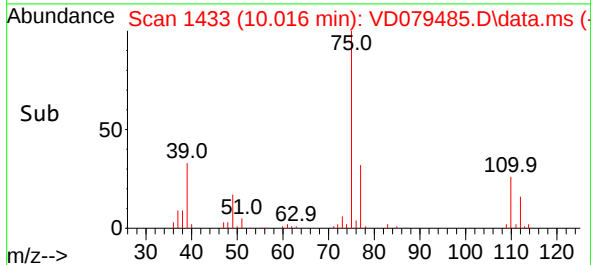
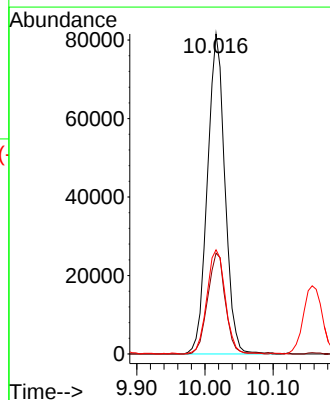
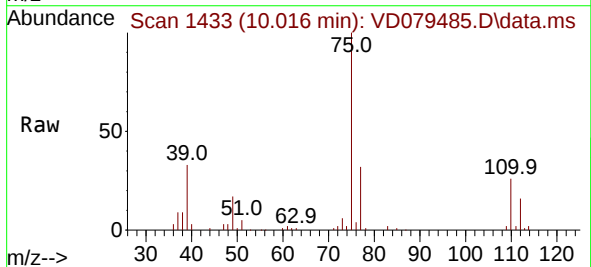
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MS

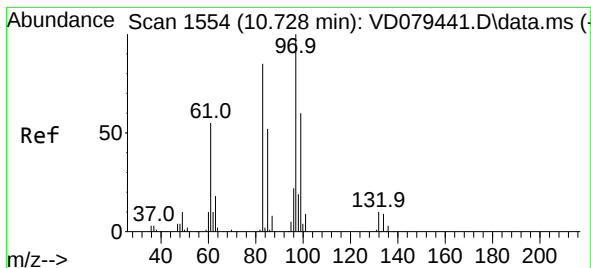
Tgt Ion: 75 Resp: 123520
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.379 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

Tgt Ion: 75 Resp: 145685
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.4 36.6
 39 32.6 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 59.654 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion: 97 Resp: 78632

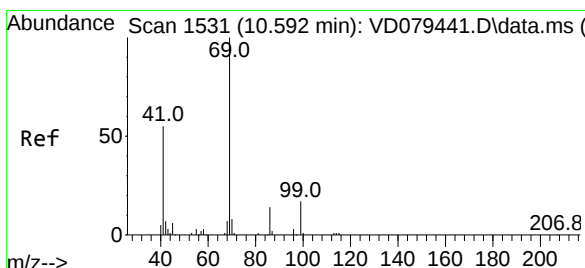
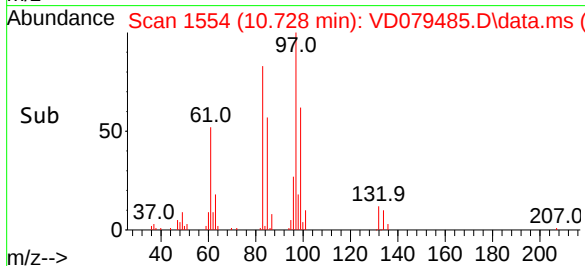
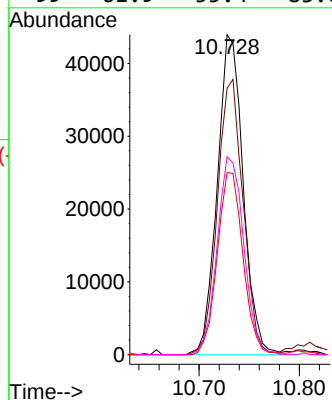
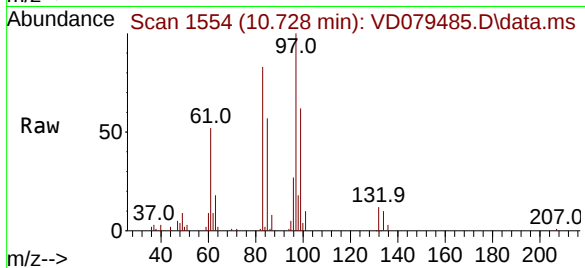
Ion Ratio Lower Upper

97 100

83 83.3 65.8 98.8

85 56.9 43.8 65.8

99 61.9 55.4 83.0



#56

Ethyl methacrylate

Concen: 51.946 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

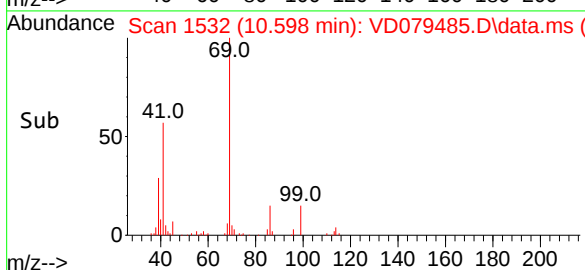
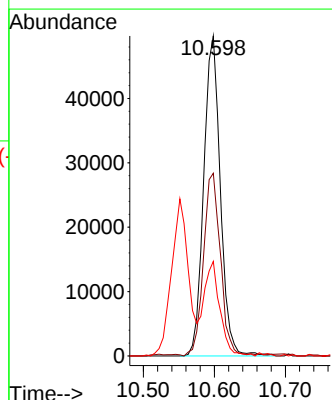
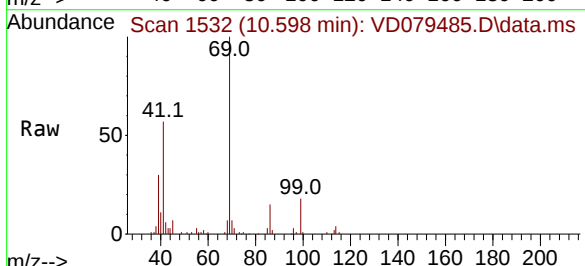
Tgt Ion: 69 Resp: 81131

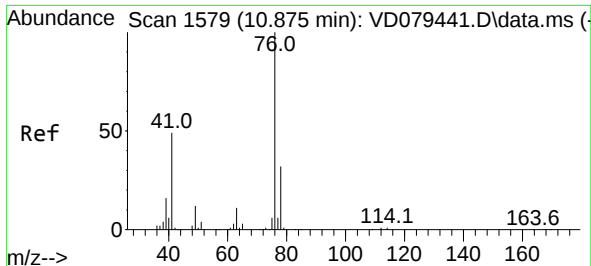
Ion Ratio Lower Upper

69 100

41 58.0 39.8 59.6

39 28.7 20.2 30.4

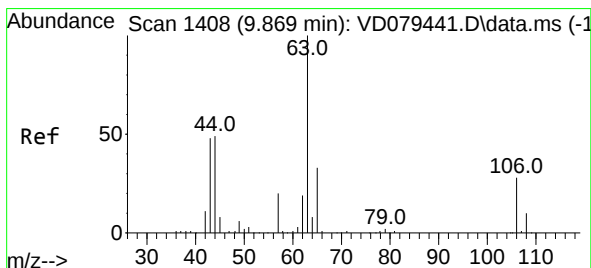
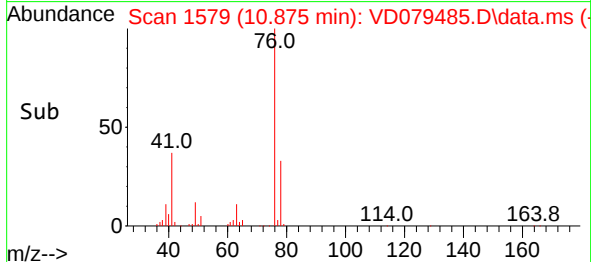
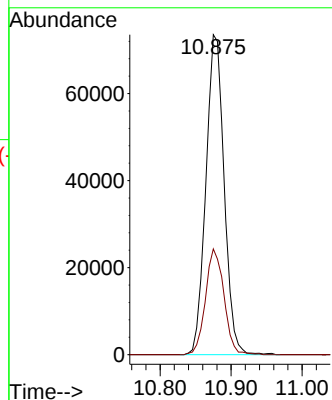
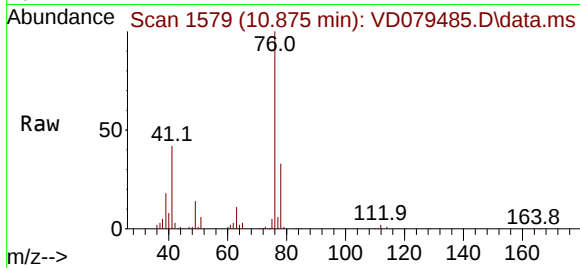




#57
1,3-Dichloropropane
Concen: 58.670 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

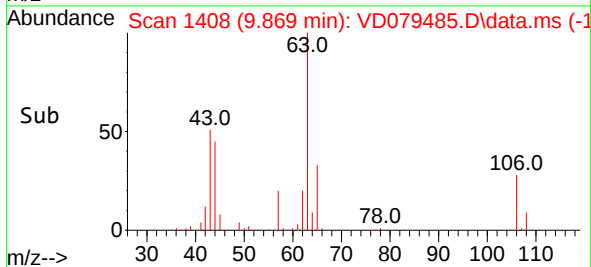
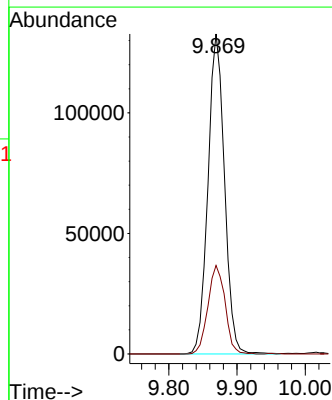
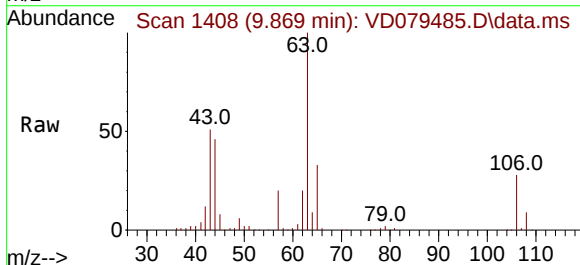
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MS

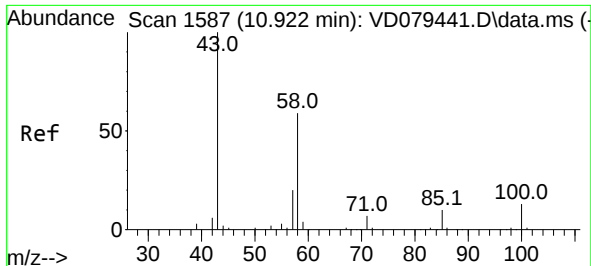
Tgt Ion: 76 Resp: 131413
Ion Ratio Lower Upper
76 100
78 33.5 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 311.078 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 63 Resp: 224061
Ion Ratio Lower Upper
63 100
106 28.6 26.4 39.6

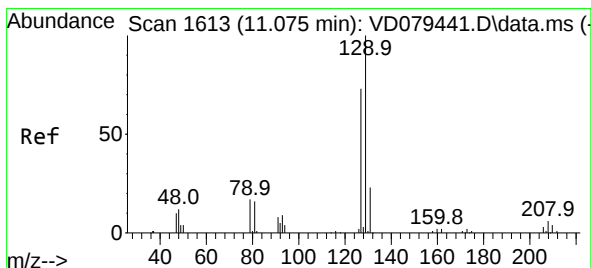
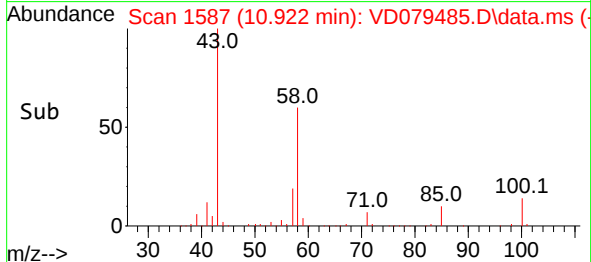
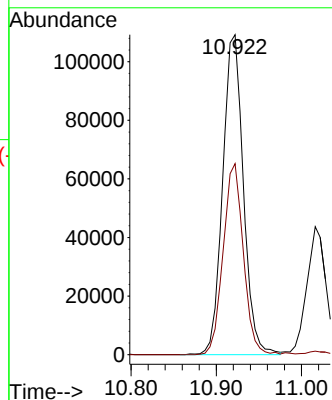
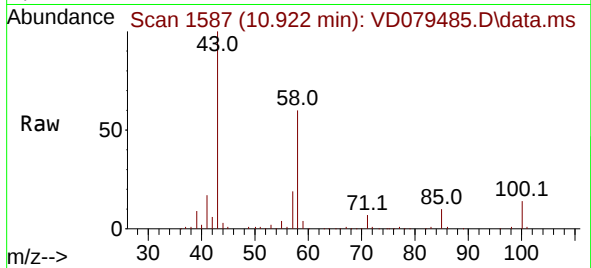




#59
2-Hexanone
Concen: 287.556 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

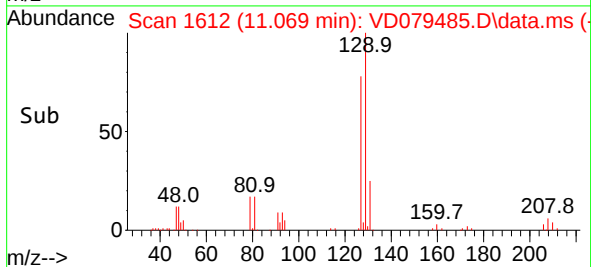
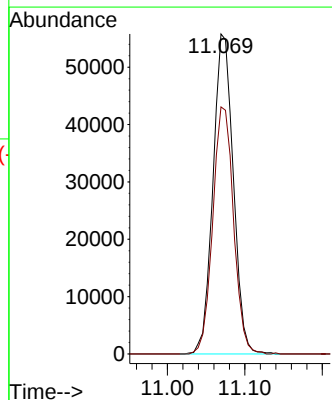
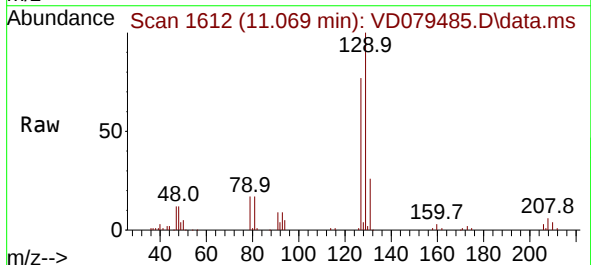
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

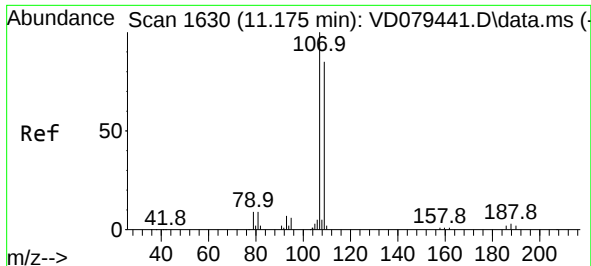
Tgt Ion: 43 Resp: 184242
Ion Ratio Lower Upper
43 100
58 58.2 31.1 93.5



#60
Dibromochloromethane
Concen: 58.963 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:129 Resp: 101530
Ion Ratio Lower Upper
129 100
127 79.0 38.0 113.9

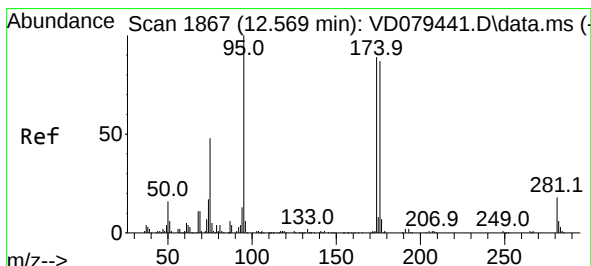
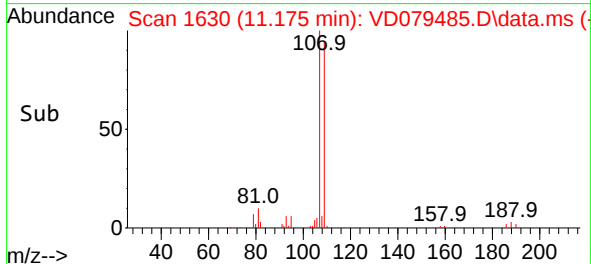
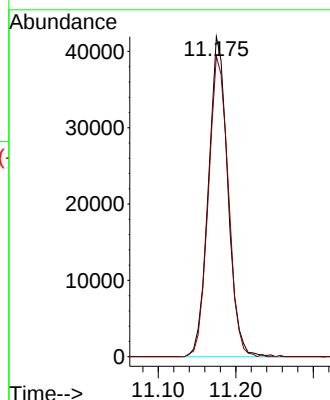
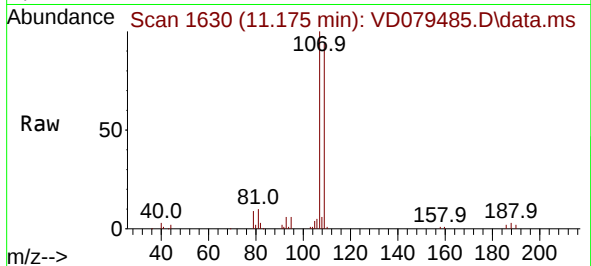




#61
1,2-Dibromoethane
Concen: 58.957 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

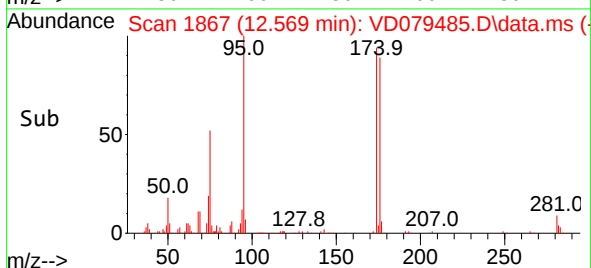
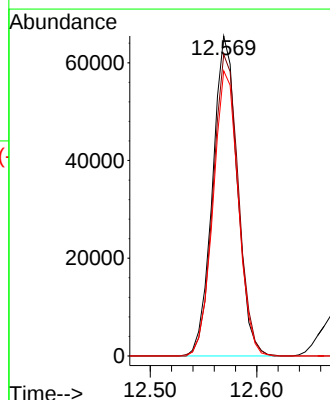
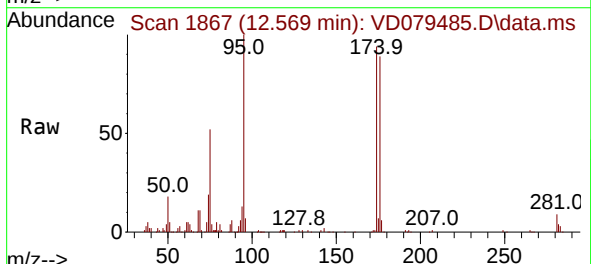
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

Tgt Ion:107 Resp: 72805
Ion Ratio Lower Upper
107 100
109 96.2 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 54.740 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 95 Resp: 105247
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 90.5 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079485.D

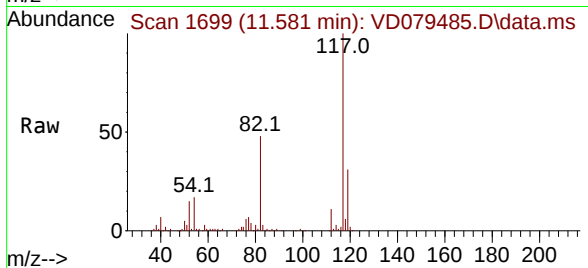
Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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



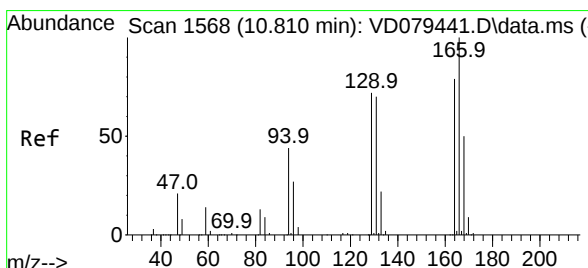
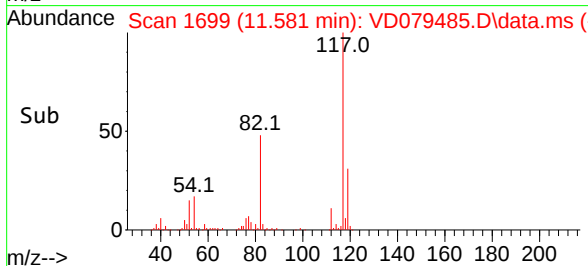
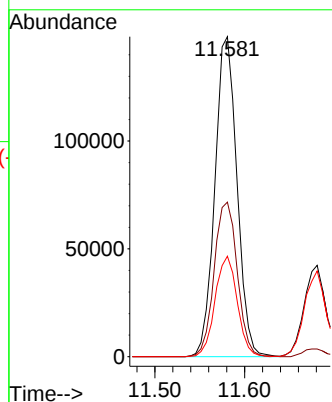
Tgt Ion:117 Resp: 253747

Ion Ratio Lower Upper

117 100

82 48.3 39.8 59.6

119 31.4 25.7 38.5



#64

Tetrachloroethene

Concen: 65.375 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:164 Resp: 111858

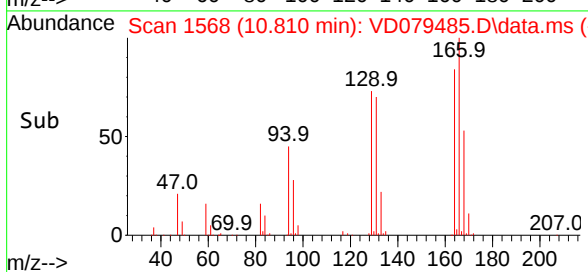
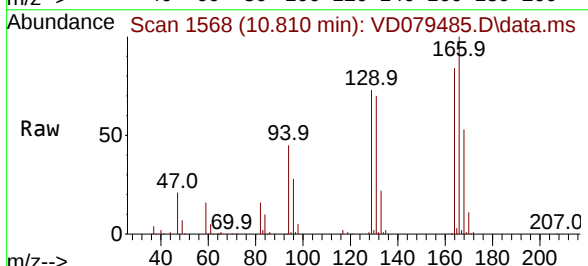
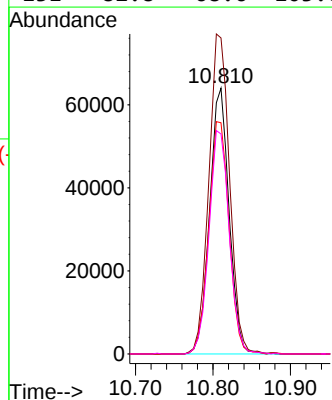
Ion Ratio Lower Upper

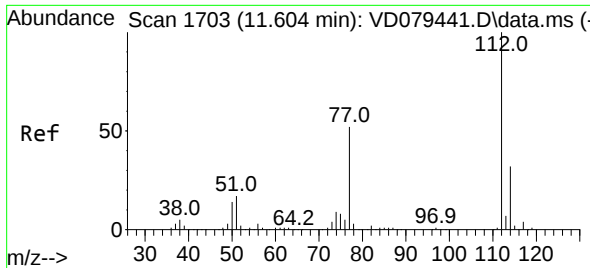
164 100

166 118.9 108.6 163.0

129 87.0 74.6 112.0

131 82.8 68.6 103.0

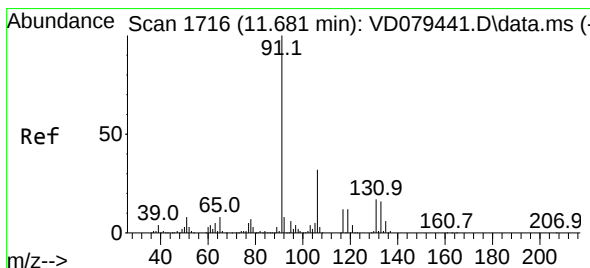
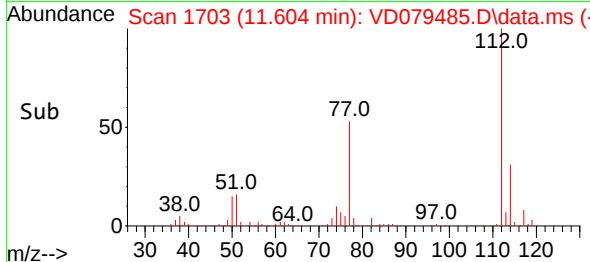
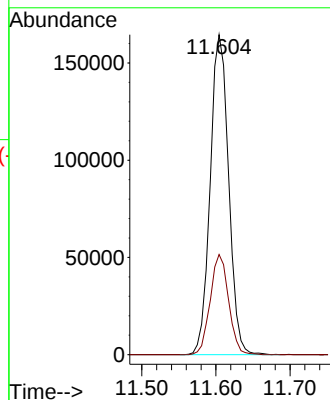
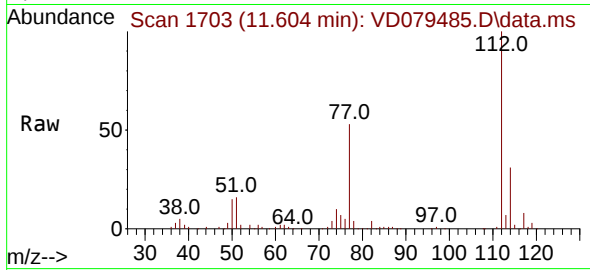




#65
Chlorobenzene
Concen: 50.538 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

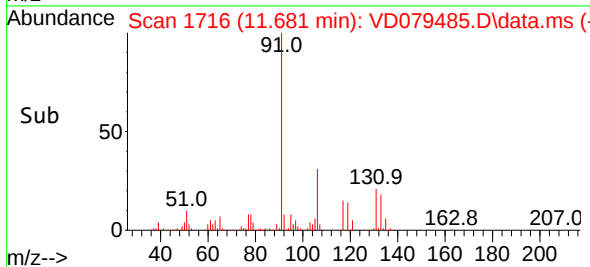
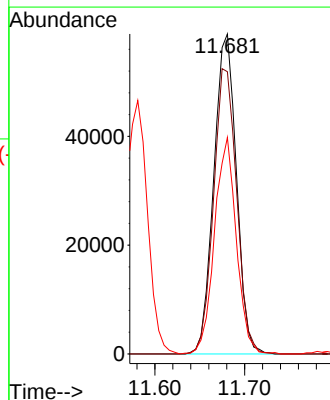
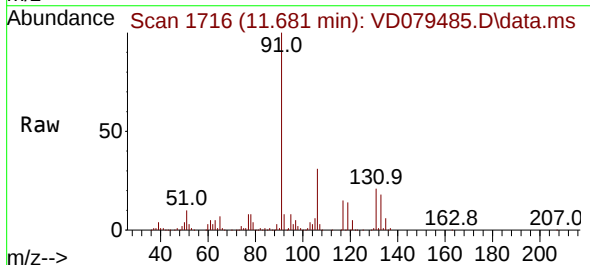
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

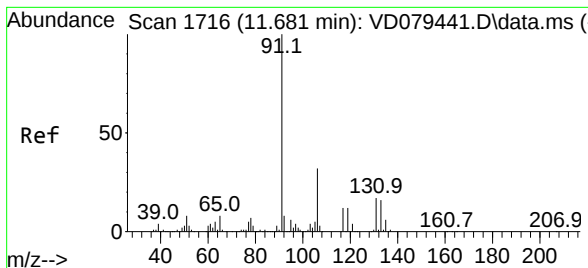
Tgt Ion:112 Resp: 283970
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 55.640 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:131 Resp: 102861
Ion Ratio Lower Upper
131 100
133 91.3 49.2 147.6
119 65.5 33.4 100.2





#67

Ethyl Benzene

Concen: 49.933 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

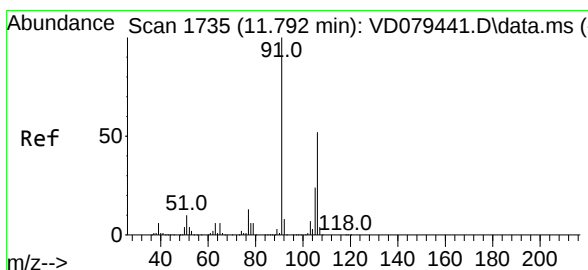
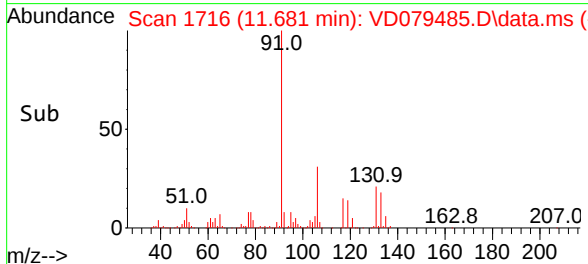
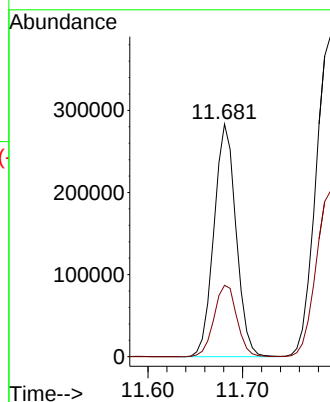
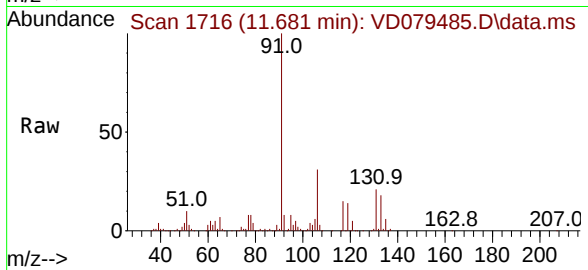
S-862-K2-SO-12-12.5-072024MS

Tgt Ion: 91 Resp: 459313

Ion Ratio Lower Upper

91 100

106 30.7 25.8 38.6



#68

m/p-Xylenes

Concen: 101.903 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD079485.D

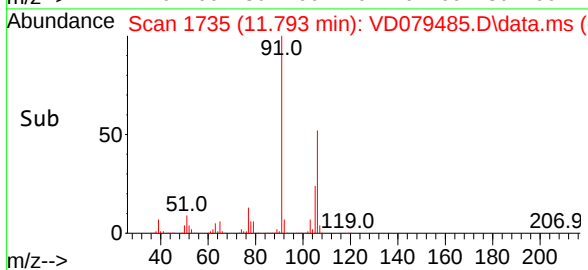
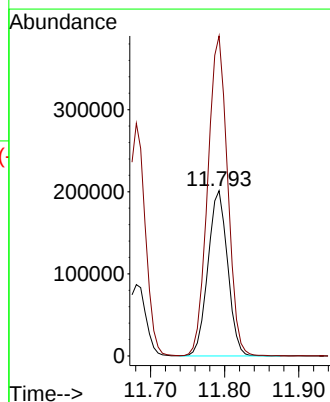
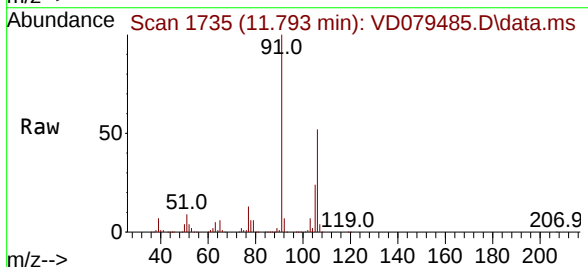
Acq: 31 Jul 2024 06:02

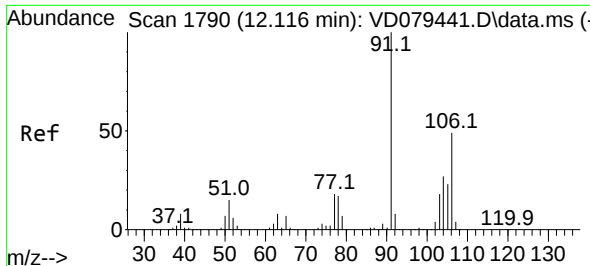
Tgt Ion:106 Resp: 371884

Ion Ratio Lower Upper

106 100

91 195.6 148.5 222.7

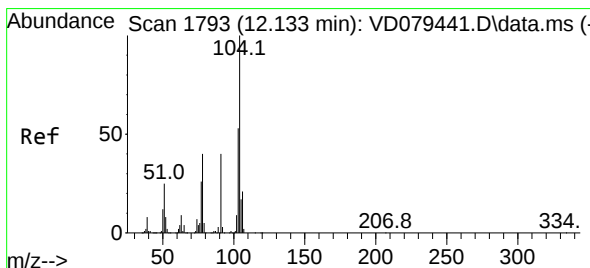
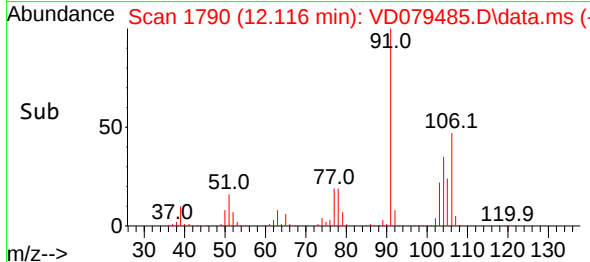
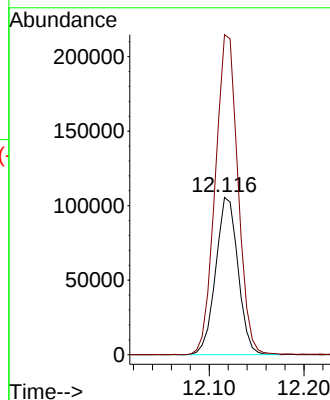
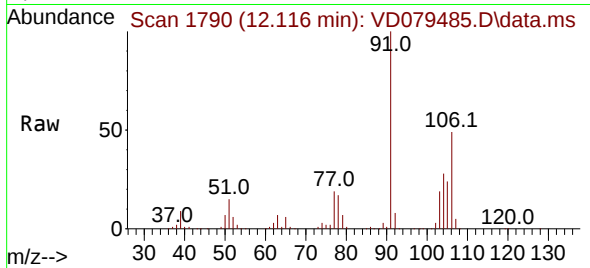




#69
o-Xylene
Concen: 51.670 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

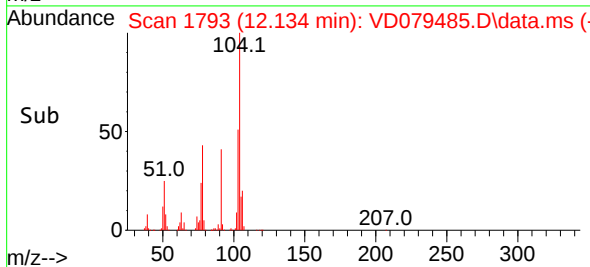
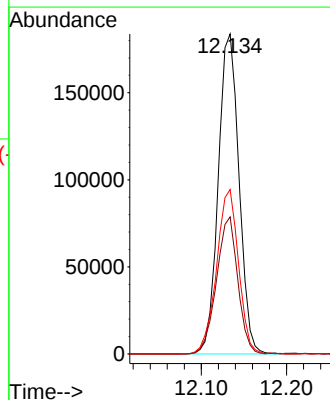
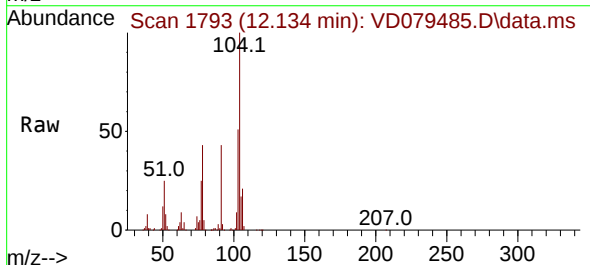
Instrument : MSVOA_D
ClientSampleId : S-862-K2-SO-12-12.5-072024MS

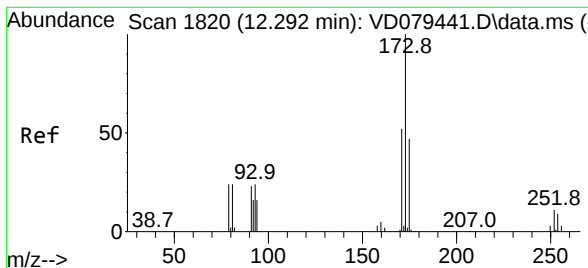
Tgt Ion:106 Resp: 172837
Ion Ratio Lower Upper
106 100
91 207.3 96.7 290.1



#70
Styrene
Concen: 53.057 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion:104 Resp: 311151
Ion Ratio Lower Upper
104 100
78 44.1 33.0 49.6
103 54.4 44.2 66.4





#71

Bromoform

Concen: 58.754 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

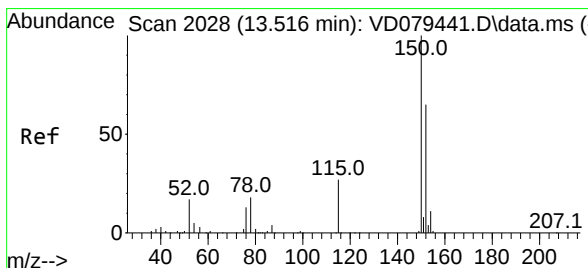
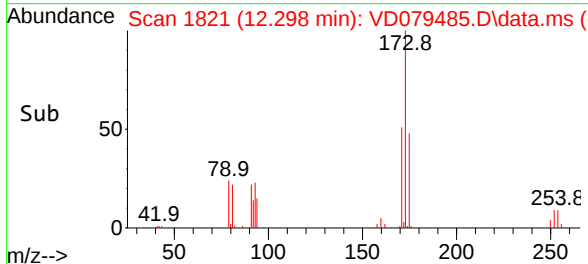
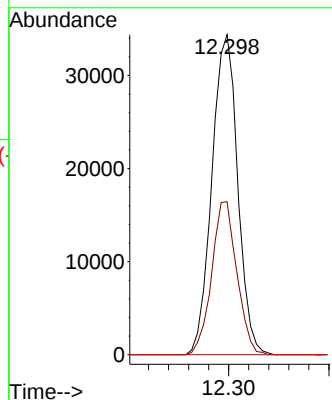
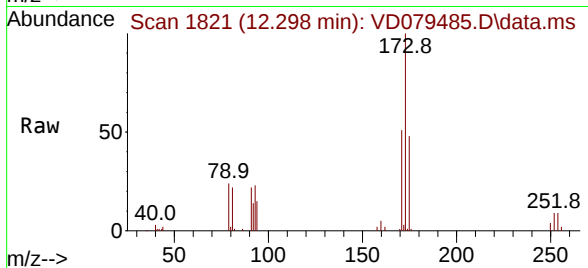
Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion:173	Resp:	61404
Ion Ratio	Lower	Upper
173	100	
175	46.7	23.7 71.1
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

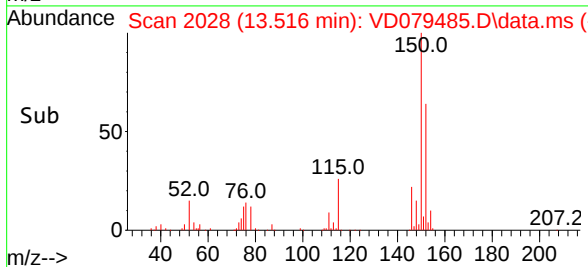
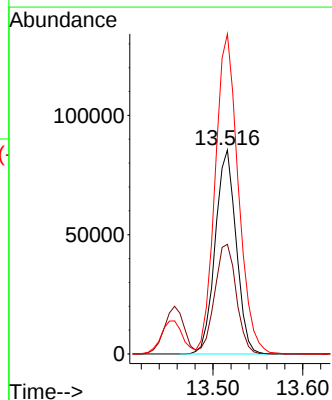
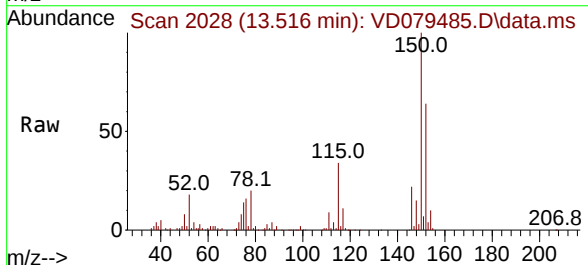
RT: 13.516 min Scan# 2028

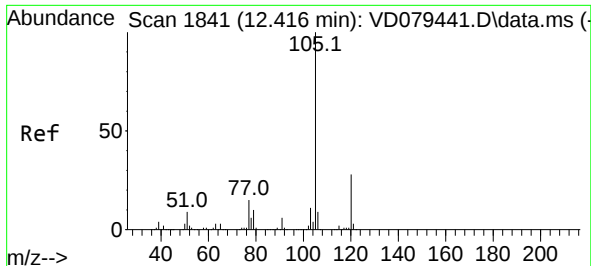
Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

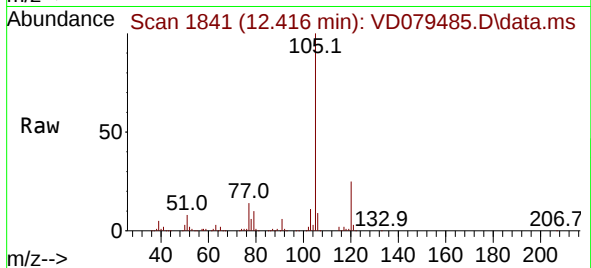
Tgt Ion:152	Resp:	138355
Ion Ratio	Lower	Upper
152	100	
115	55.8	26.5 79.5
150	173.4	0.0 341.6



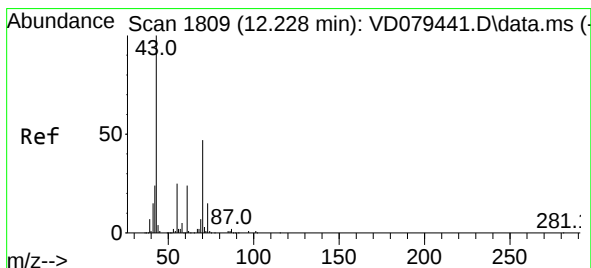
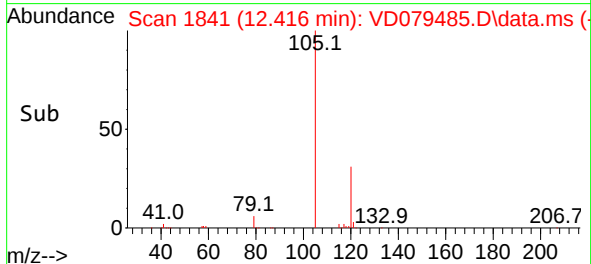
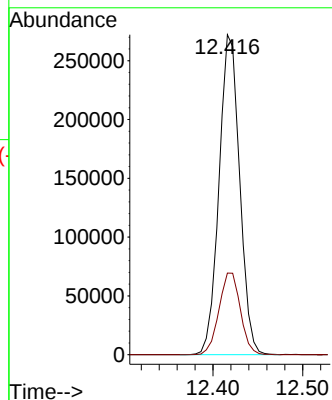


#73
Isopropylbenzene
Concen: 42.477 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

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

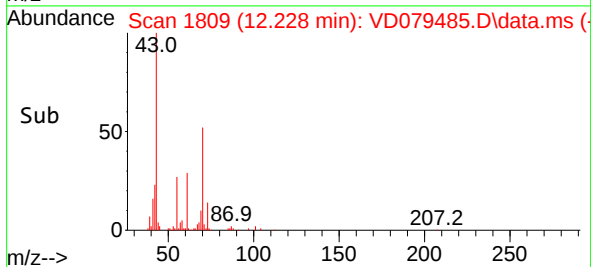
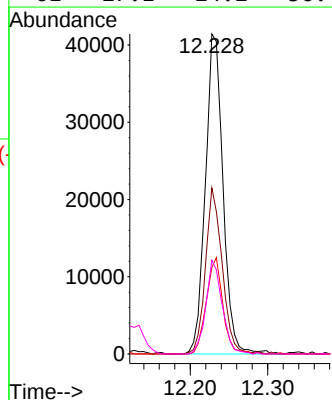
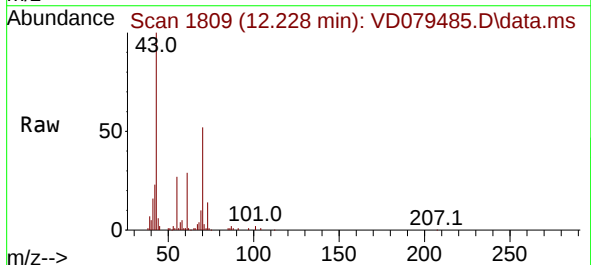


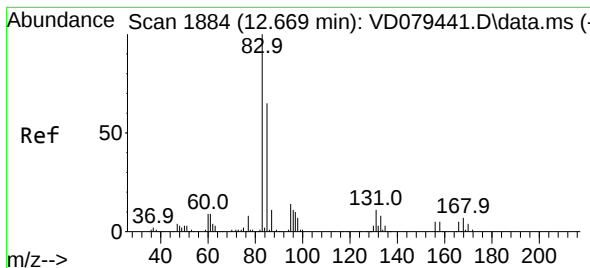
Tgt Ion:105 Resp: 434059
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7



#74
N-ethyl acetate
Concen: 32.286 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 43 Resp: 65700
Ion Ratio Lower Upper
43 100
70 49.1 44.3 66.5
55 28.2 23.2 34.8
61 27.1 24.2 36.4





#75

1,1,2-Tetrachloroethane

Concen: 50.550 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

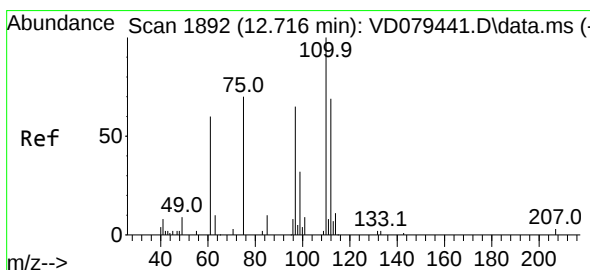
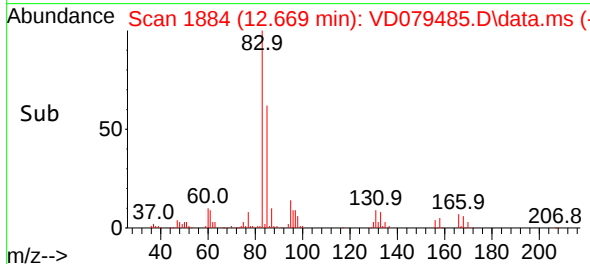
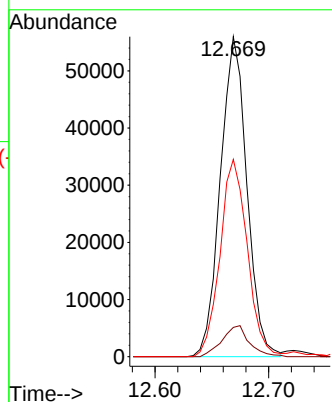
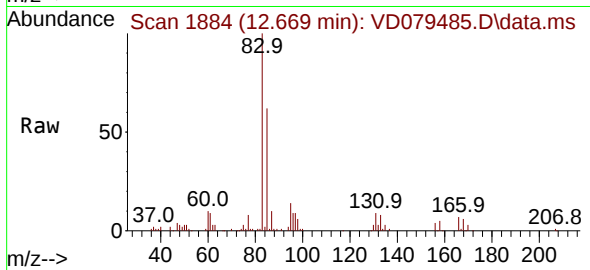
Instrument :

MSVOA_D

ClientSampleId :

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

Tgt Ion:	83	Resp:	90856
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.5	16.5
85	63.2	33.8	101.3



#76

1,2,3-Trichloropropane

Concen: 88.476 ug/l

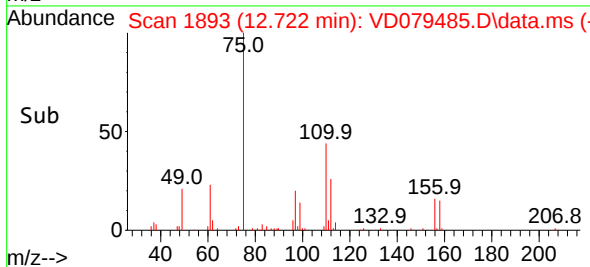
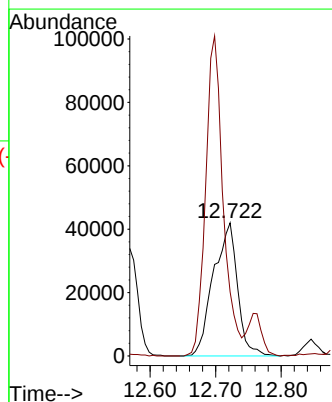
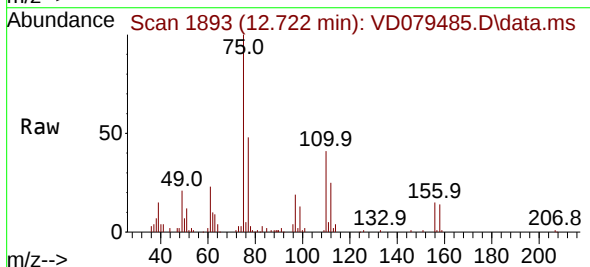
RT: 12.722 min Scan# 1893

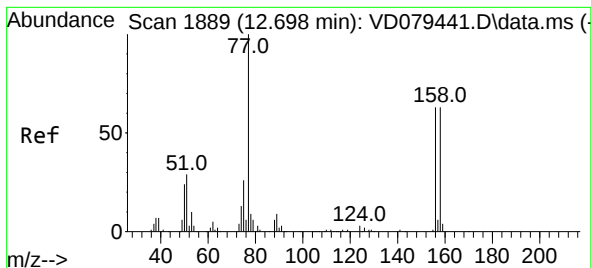
Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:	75	Resp:	106999
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.731 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

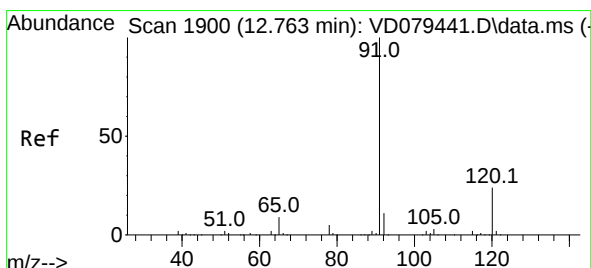
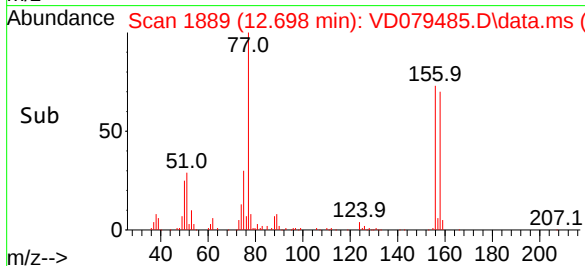
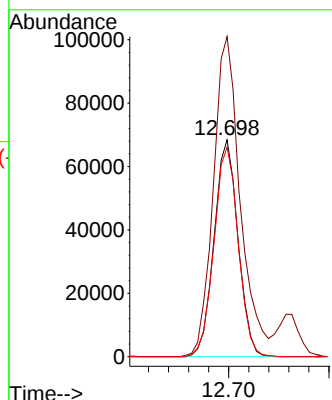
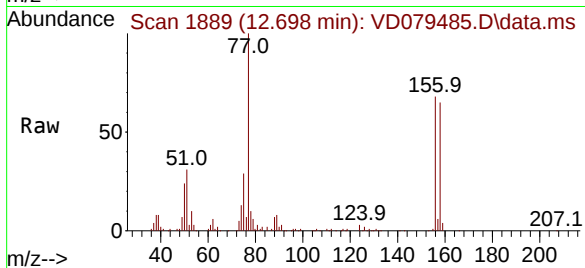
Tgt Ion:156 Resp: 113050

Ion Ratio Lower Upper

156 100

77 166.1 77.3 231.9

158 97.9 49.6 149.0



#78

n-propylbenzene

Concen: 45.405 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VD079485.D

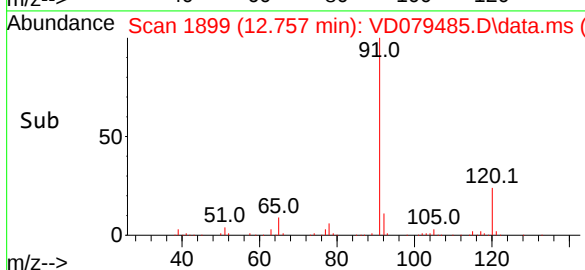
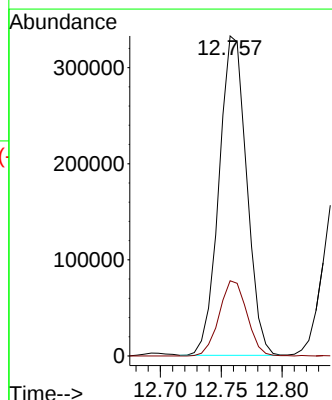
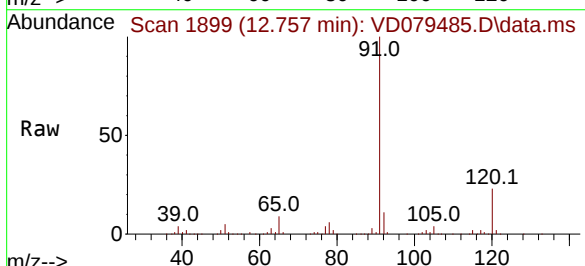
Acq: 31 Jul 2024 06:02

Tgt Ion: 91 Resp: 525114

Ion Ratio Lower Upper

91 100

120 23.6 12.3 36.8

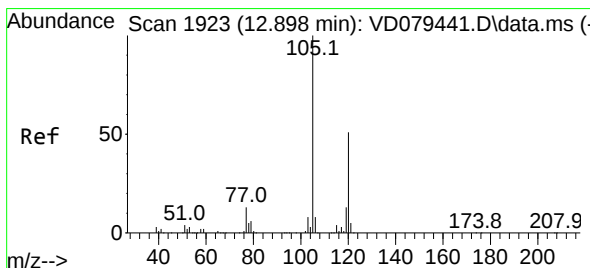
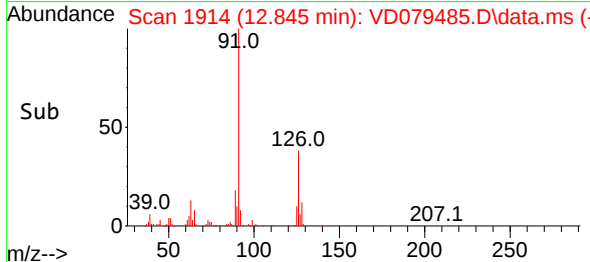
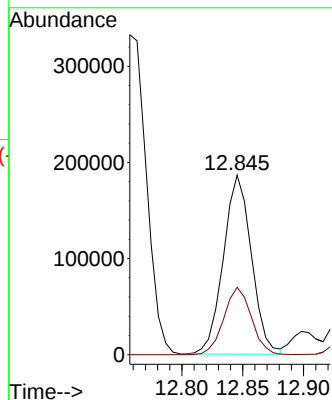
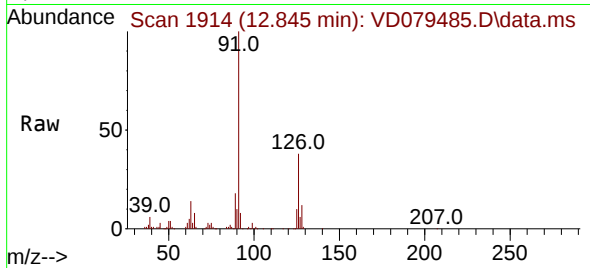




#79
2-Chlorotoluene
Concen: 46.487 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

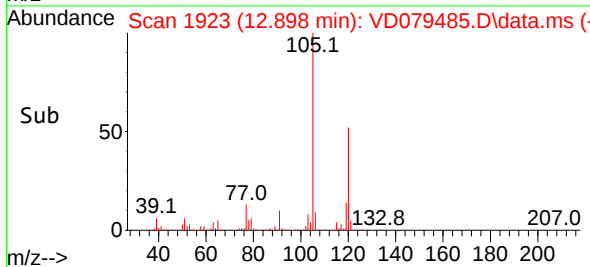
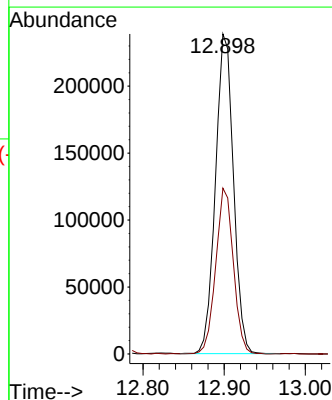
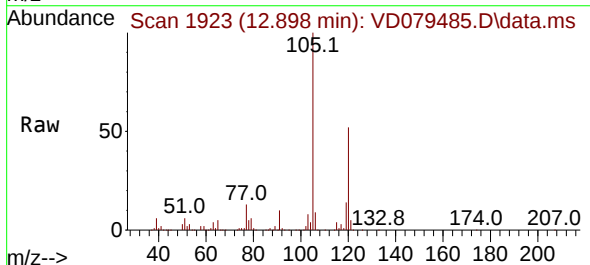
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

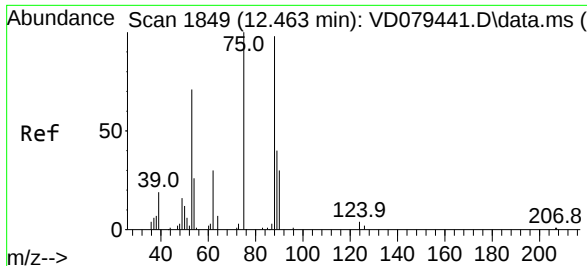
Tgt Ion: 91 Resp: 299362
Ion Ratio Lower Upper
91 100
126 36.8 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 47.700 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 105 Resp: 367625
Ion Ratio Lower Upper
105 100
120 50.9 25.7 77.1

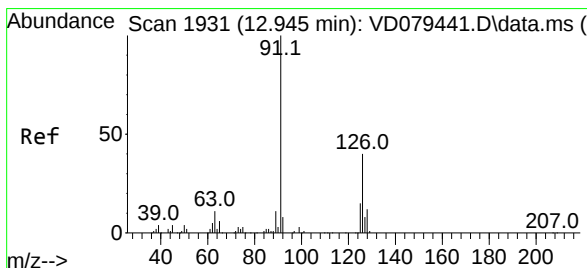
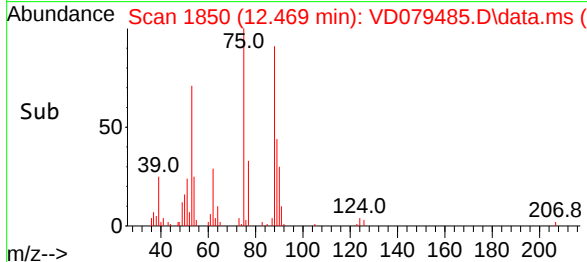
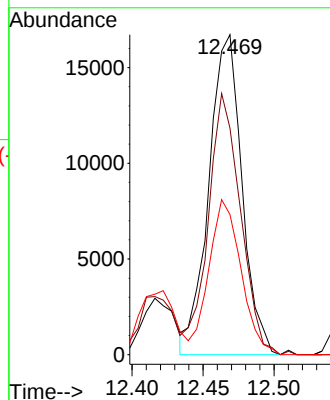
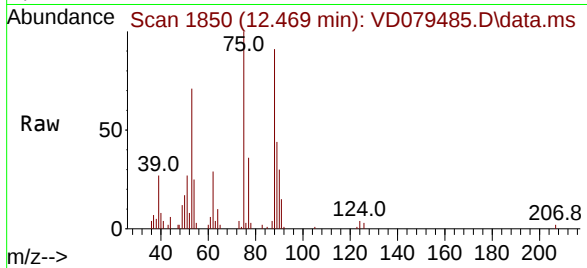




#81
trans-1,4-Dichloro-2-butene
Concen: 42.813 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

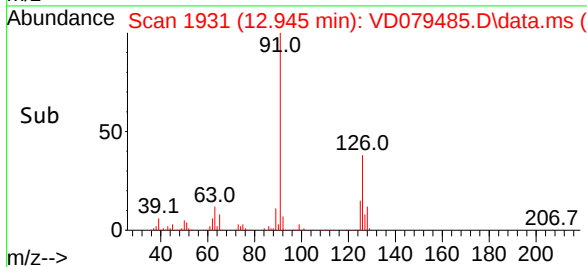
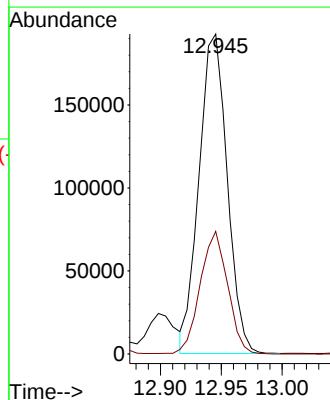
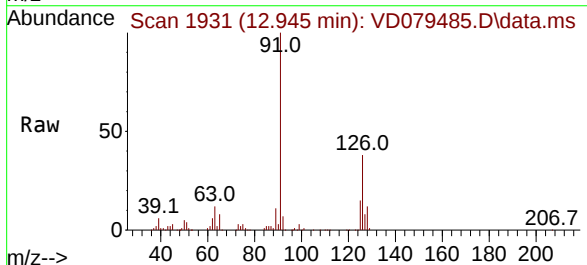
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

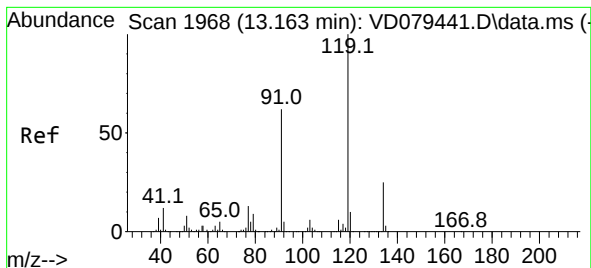
Tgt Ion: 75 Resp: 27147
Ion Ratio Lower Upper
75 100
53 79.7 61.4 92.2
89 47.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 46.128 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 91 Resp: 309670
Ion Ratio Lower Upper
91 100
126 37.6 18.9 56.9





#83

tert-Butylbenzene

Concen: 42.745 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

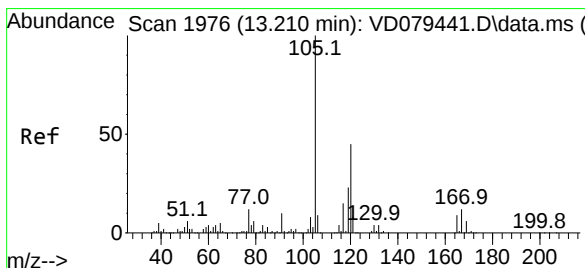
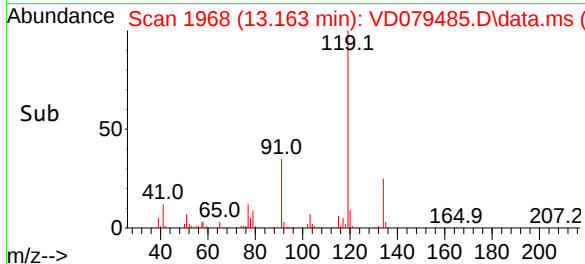
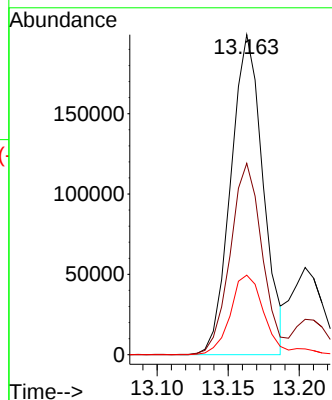
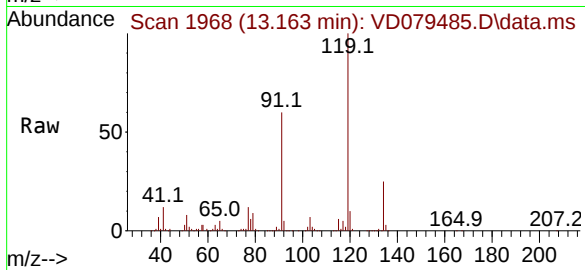
Tgt Ion:119 Resp: 314870

Ion Ratio Lower Upper

119 100

91 60.0 28.2 84.7

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 44.129 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD079485.D

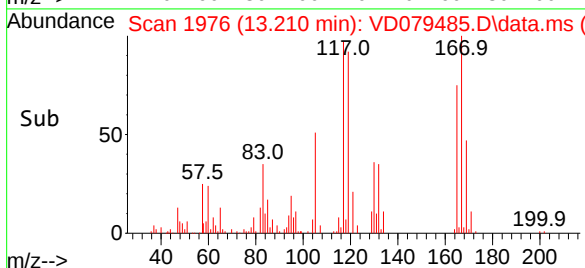
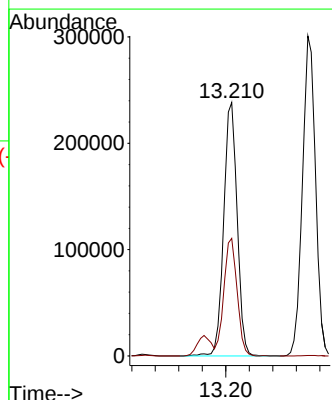
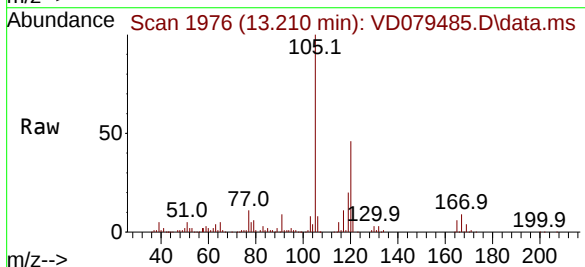
Acq: 31 Jul 2024 06:02

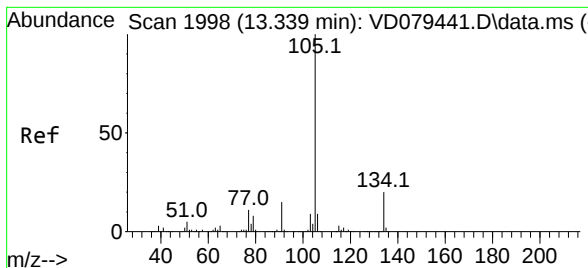
Tgt Ion:105 Resp: 378895

Ion Ratio Lower Upper

105 100

120 45.7 23.6 71.0





#85

sec-Butylbenzene

Concen: 45.345 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

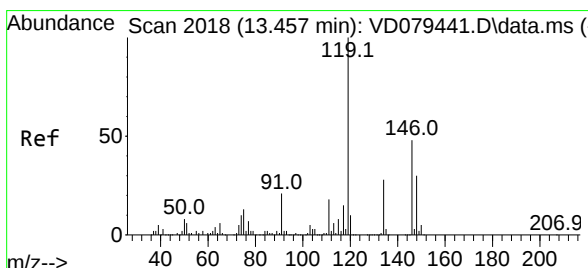
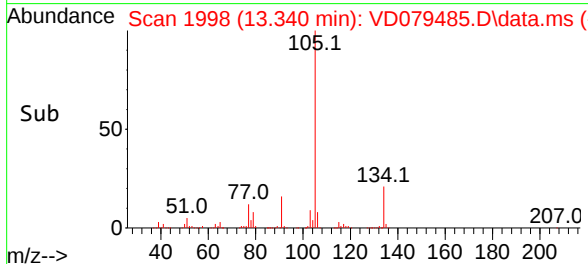
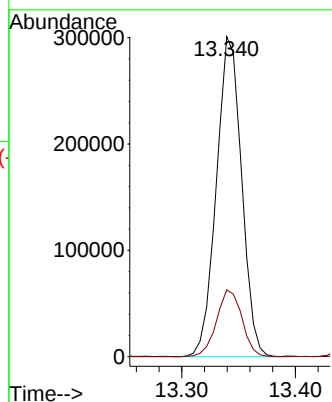
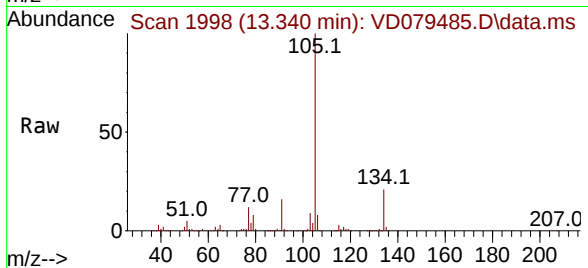
S-862-K2-SO-12-12.5-072024MS

Tgt Ion:105 Resp: 464828

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8



#86

p-Isopropyltoluene

Concen: 39.898 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

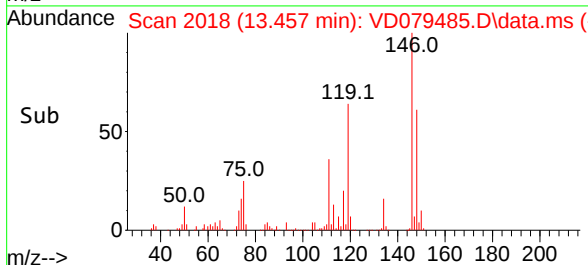
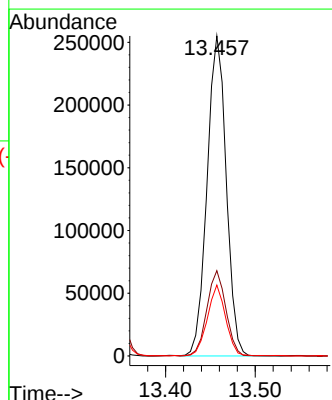
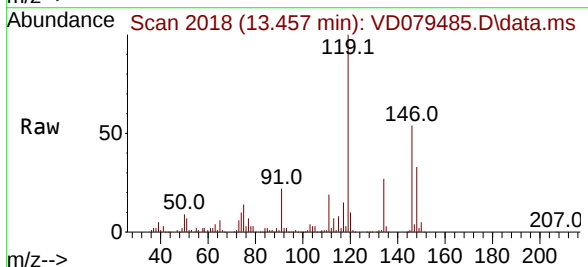
Tgt Ion:119 Resp: 378769

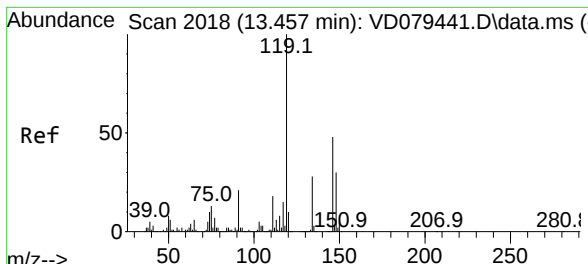
Ion Ratio Lower Upper

119 100

134 26.4 13.7 41.1

91 20.8 10.7 32.1

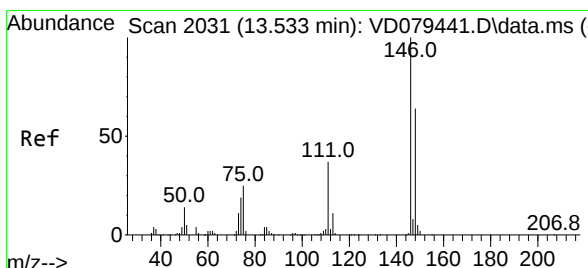
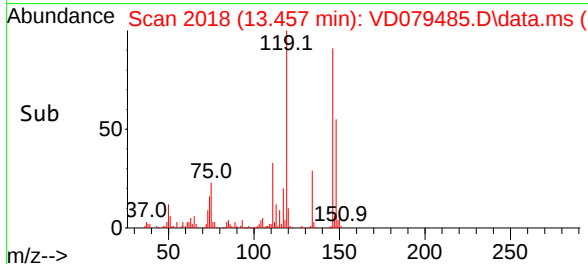
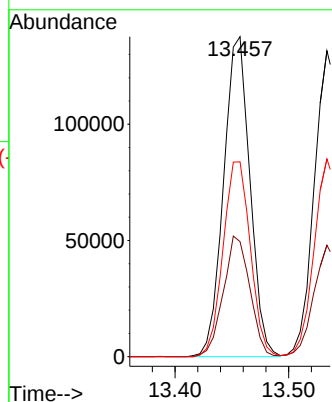
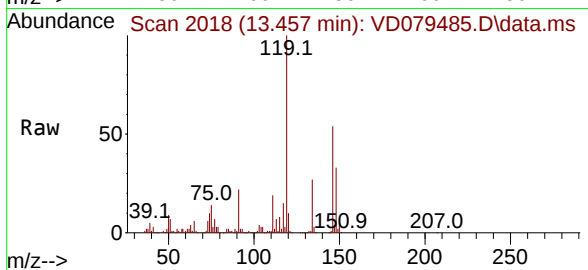




#87
 1,3-Dichlorobenzene
 Concen: 46.240 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

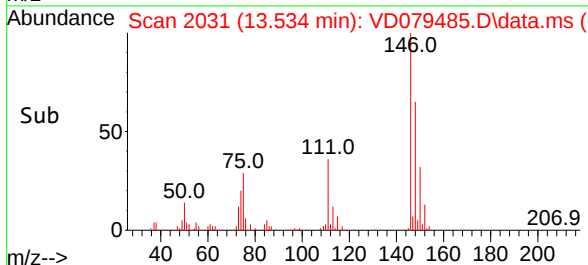
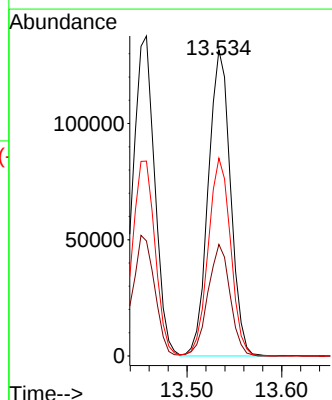
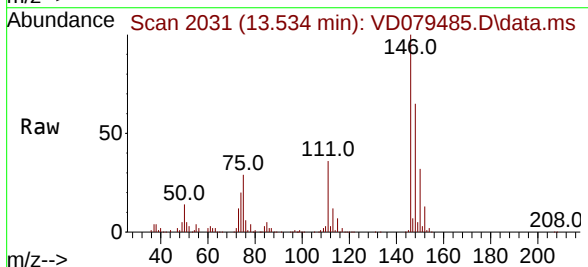
Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-12-12.5-072024MS

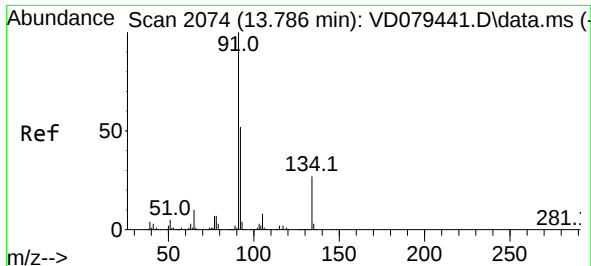
Tgt Ion:146 Resp: 222204
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.5 55.5
 148 63.1 30.9 92.8



#88
 1,4-Dichlorobenzene
 Concen: 45.434 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD079485.D
 Acq: 31 Jul 2024 06:02

Tgt Ion:146 Resp: 214655
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.5 52.6
 148 65.0 31.4 94.2

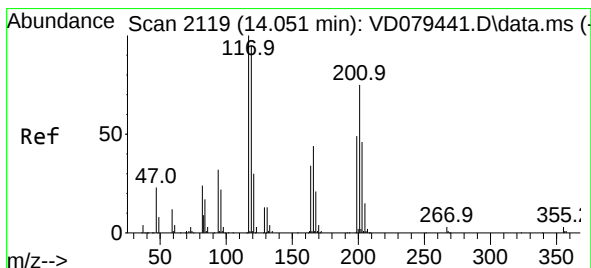
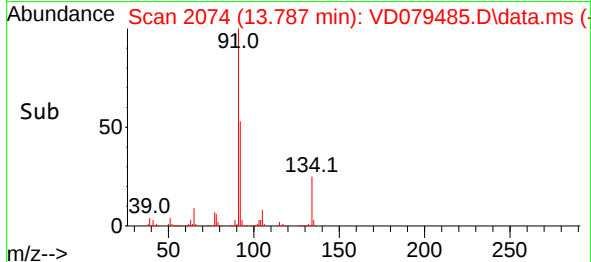
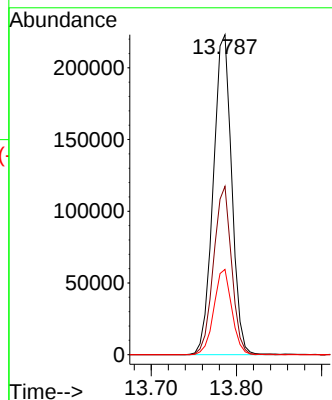
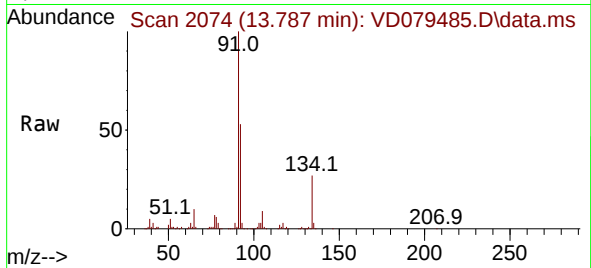




#89
n-Butylbenzene
Concen: 38.352 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

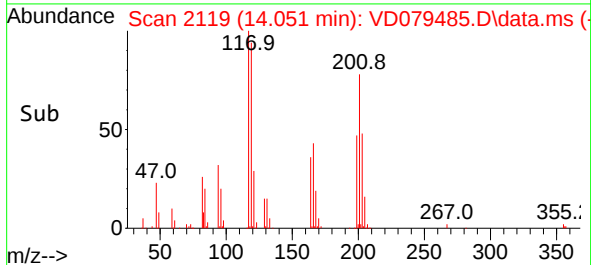
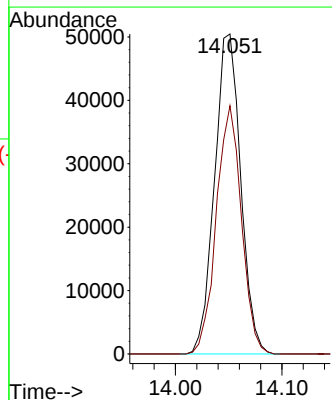
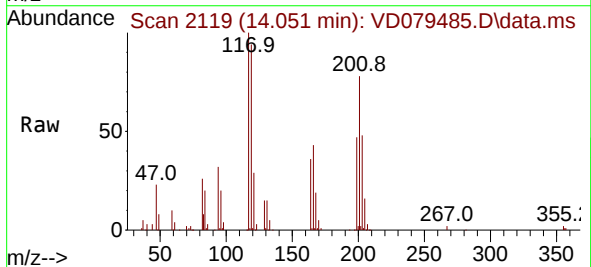
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-12-12.5-072024MS

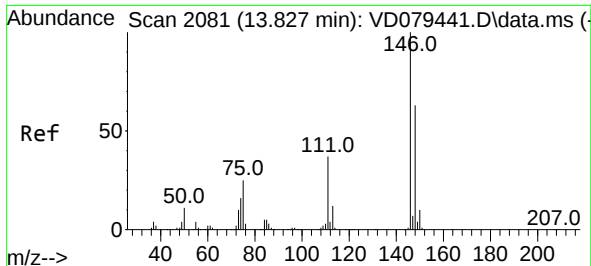
Tgt Ion: 91 Resp: 334991
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 25.9 13.6 40.8



#90
Hexachloroethane
Concen: 48.068 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD079485.D
Acq: 31 Jul 2024 06:02

Tgt Ion: 117 Resp: 86184
Ion Ratio Lower Upper
117 100
201 74.4 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 48.588 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079485.D

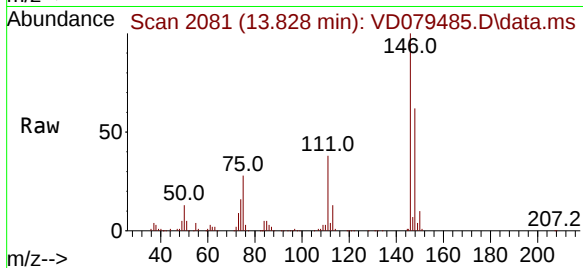
Acq: 31 Jul 2024 06:02

Instrument :

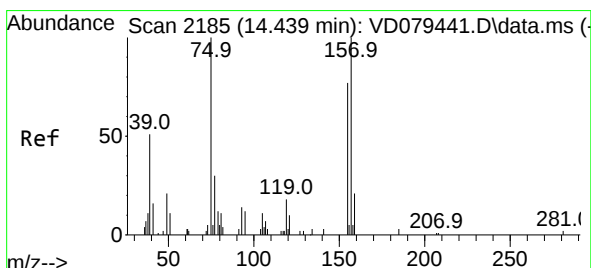
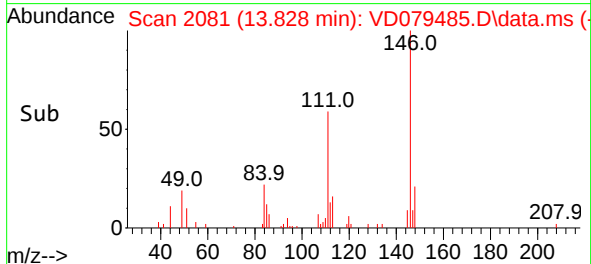
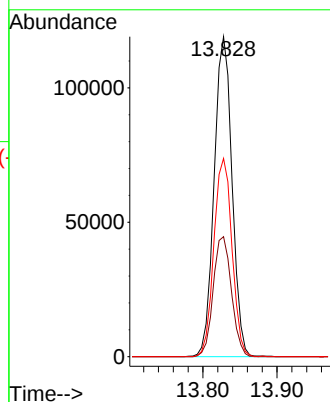
MSVOA_D

ClientSampleId :

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



Tgt Ion:	146	Resp:	199552
Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	62.6	31.1	93.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.894 ug/l

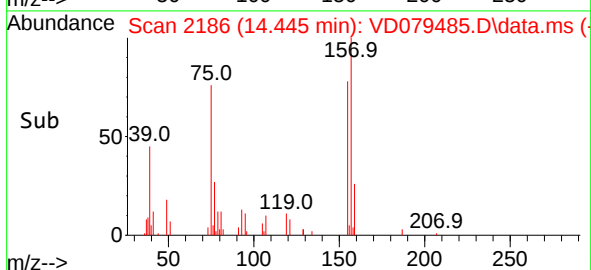
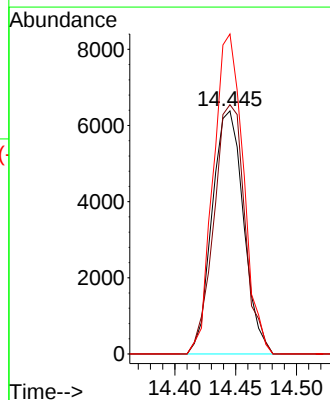
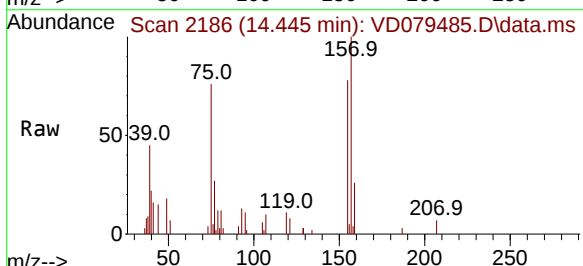
RT: 14.445 min Scan# 2186

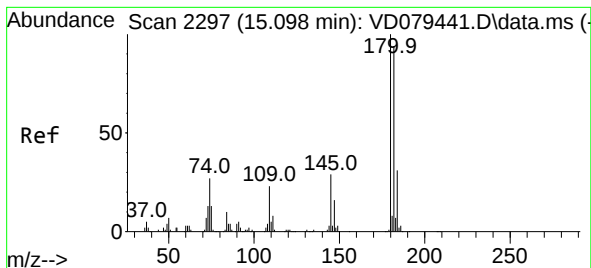
Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:	75	Resp:	11454
Ion	Ratio	Lower	Upper
75	100		
155	100.9	47.7	143.1
157	125.7	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 41.415 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

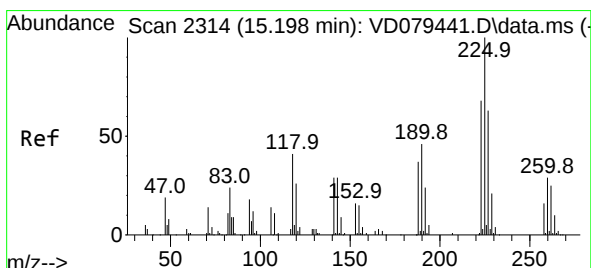
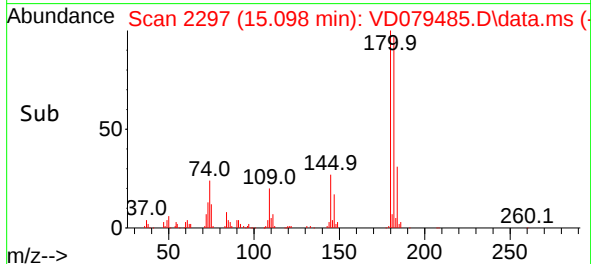
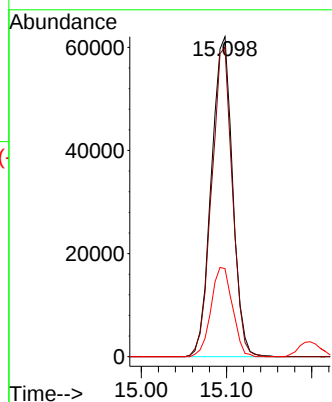
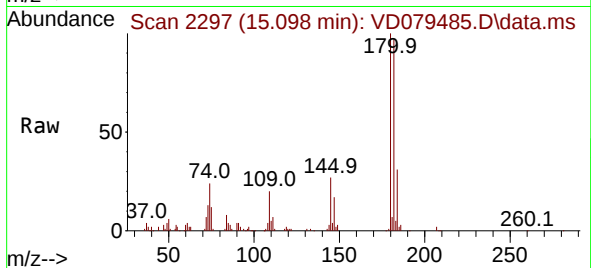
Tgt Ion:180 Resp: 107166

Ion Ratio Lower Upper

180 100

182 94.7 46.9 140.7

145 28.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 39.831 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

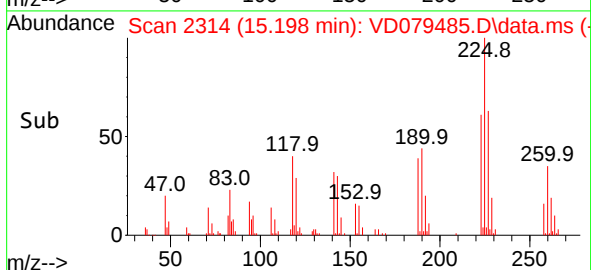
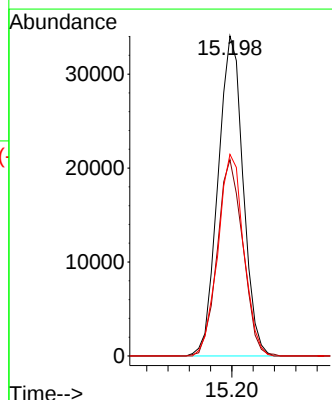
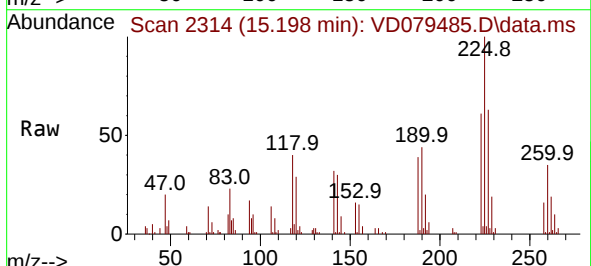
Tgt Ion:225 Resp: 55628

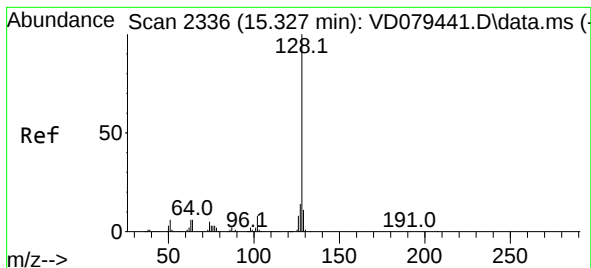
Ion Ratio Lower Upper

225 100

223 62.5 33.3 99.9

227 64.6 33.6 100.6





#95

Naphthalene

Concen: 45.463 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Instrument :

MSVOA_D

ClientSampleId :

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

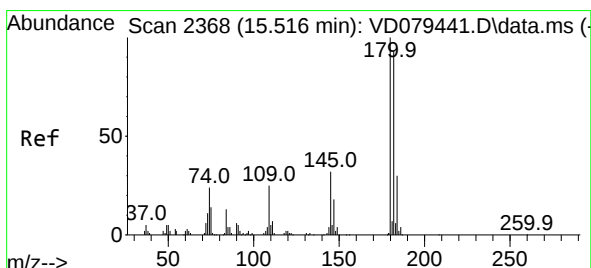
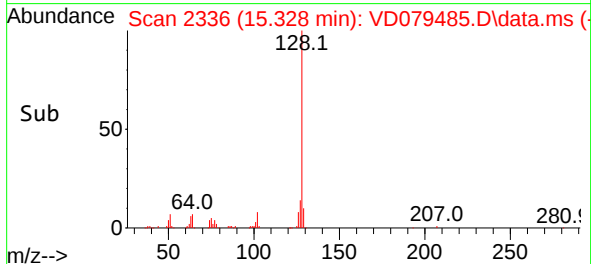
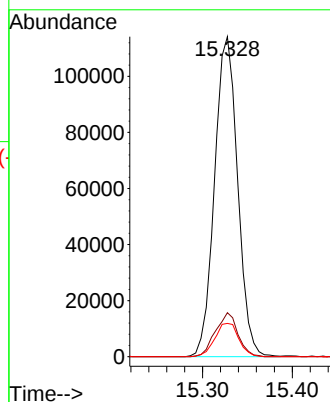
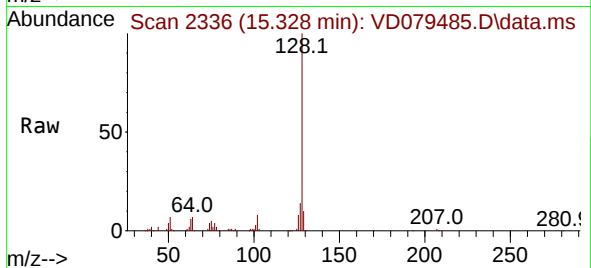
Tgt Ion:128 Resp: 203613

Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

129 10.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 42.033 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD079485.D

Acq: 31 Jul 2024 06:02

Tgt Ion:180 Resp: 95677

Ion Ratio Lower Upper

180 100

182 97.7 47.8 143.3

145 29.9 16.1 48.2

