

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041920.D
 Acq On : 20 Jan 2025 14:49
 Operator : SY/MD
 Sample : VL0120ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 21 03:03:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	135102	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	387101	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	349589	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	278711	10.122	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	194318	10.559	ppbv	98
3) Chlorodifluoromethane	1.473	51	197472	10.243	ppbv	98
4) Chloromethane	1.531	50	72874	10.529	ppbv	98
5) Vinyl Chloride	1.577	62	72113	10.287	ppbv	99
6) Bromomethane	1.664	94	33135	9.918	ppbv	96
7) Chloroethane	1.703	64	28640	10.501	ppbv	98
8) Dichlorotetrafluoroethane	1.551	85	166851	10.375	ppbv	97
9) Propene	1.479	41	77143	9.714	ppbv	98
10) Heptane	4.972	43	221305	10.425	ppbv	99
11) Trichlorofluoromethane	1.874	101	194272	10.148	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	146623	9.773	ppbv	100
13) Ethanol	1.719	45	4038	6.942	ppbv	85
14) Bromoethene	1.777	108	55312	10.069	ppbv	99
15) Acetone	1.832	43	150156	9.254	ppbv	100
16) 1,3-Butadiene	1.606	39	77537	10.646	ppbv	96
17) tert-Butyl alcohol	2.036	59	181975	9.112	ppbv	98
18) 1,1-Dichloroethene	2.030	96	66143	9.782	ppbv	92
19) Isopropyl Alcohol	1.884	45	83014	8.628	ppbv	90
20) Methylene Chloride	2.059	84	56310	8.781	ppbv	98
21) Allyl Chloride	2.091	41	109320	9.729	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	77371	10.138	ppbv	98
23) Vinyl Acetate	2.460	43	70431	8.756	ppbv	98
24) 1,1-Dichloroethane	2.405	63	151563	10.268	ppbv	97
25) Ethyl Acetate	2.832	43	459719	10.506	ppbv	100
26) Hexane	2.819	57	180370	10.422	ppbv	96
27) Carbon Disulfide	2.146	76	175967	10.275	ppbv	96
28) Methyl tert-Butyl Ether	2.438	73	101706	7.689	ppbv	98
29) Chloroform	2.845	83	293134	10.715	ppbv	100
30) Cyclohexane	3.852	84	153860	10.250	ppbv	99
31) cis-1,2-Dichloroethene	2.716	61	181894	9.982	ppbv	95
32) 1,1,1-Trichloroethane	3.363	97	291864	11.149	ppbv	99
34) 2-Butanone	2.554	43	259553	10.543	ppbv	100
35) Carbon Tetrachloride	3.758	117	289005	11.886	ppbv	98
36) Benzene	3.651	78	373474	10.519	ppbv	99
37) 1,2-Dichloroethane	3.214	62	220096	11.038	ppbv	100
38) Trichloroethene	4.541	130	148232	10.521	ppbv	97
39) 1,2-Dichloropropane	4.305	63	131897	10.591	ppbv	96
40) 1,4-Dioxane	4.580	88	60318	9.590	ppbv #	89
41) Tetrahydrofuran	3.052	42	145307	10.861	ppbv	99
42) Bromodichloromethane	4.483	83	300955	11.257	ppbv	99
43) Methyl Methacrylate	4.875	69	138125	10.472	ppbv	97
44) 2,2,4-Trimethylpentane	4.632	57	620956	10.813	ppbv	99
45) t-1,3-Dichloropropene	6.412	75	134773	10.916	ppbv	95

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

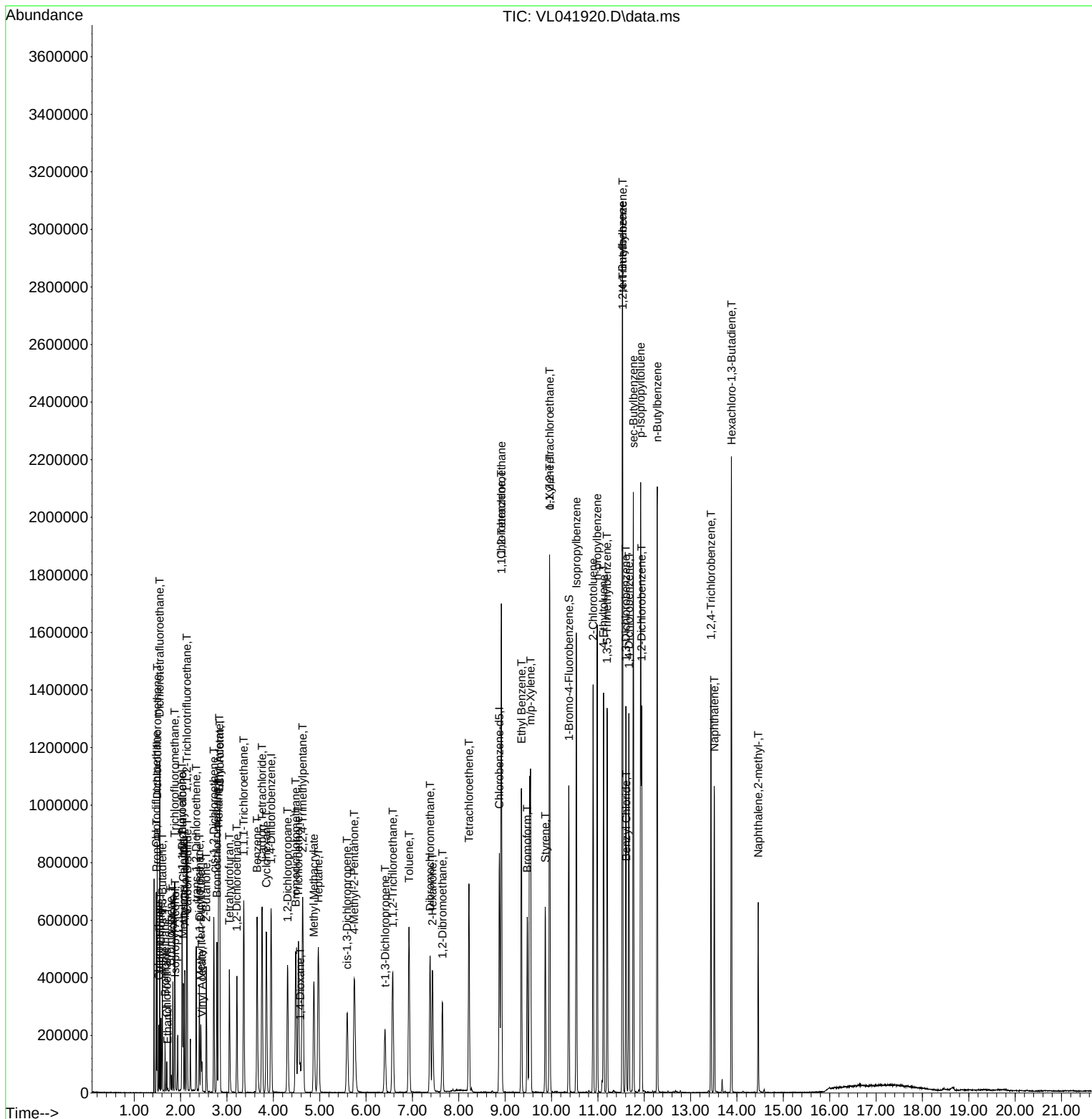
Instrument :
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 ClientSampleId :

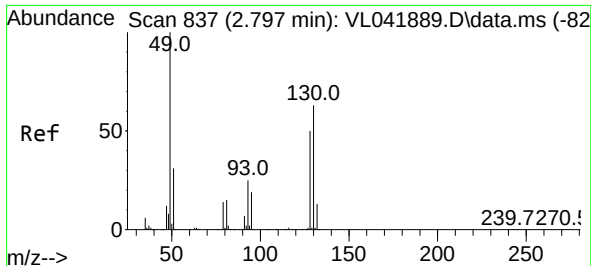
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	178041	10.984	ppbv	95
47) 1,1,2-Trichloroethane	6.577	97	143288	10.855	ppbv	97
48) Dibromochloromethane	7.380	129	239335	11.751	ppbv	99
49) Bromoform	9.477	173	202023	12.076	ppbv	98
50) 4-Methyl-2-Pentanone	5.745	43	172668	5.138	ppbv #	34
51) 2-Hexanone	7.432	43	285982	11.075	ppbv #	95
52) Tetrachloroethene	8.221	164	125228	10.172	ppbv	96
53) Toluene	6.927	91	422420	10.923	ppbv	99
54) 1,2-Dibromoethane	7.649	107	199693	11.005	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.920	131	192001	11.008	ppbv	99
57) Chlorobenzene	8.917	112	333484	10.342	ppbv	98
58) Ethyl Benzene	9.351	91	594180	10.876	ppbv	99
59) m/p-Xylene	9.548	91	489230	11.172	ppbv #	32
60) o-Xylene	9.959	91	484897	11.155	ppbv	100
61) Styrene	9.866	104	217994	11.180	ppbv	99
62) Isopropylbenzene	10.536	105	733114	10.900	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	304162	10.951	ppbv	99
64) n-propylbenzene	10.985	120	187191	11.014	ppbv	100
65) tert-Butylbenzene	11.529	119	664818	10.846	ppbv	99
66) Benzyl Chloride	11.613	91	39111	10.309	ppbv	99
67) sec-Butylbenzene	11.765	105	919962	10.900	ppbv	100
69) p-Isopropyltoluene	11.924	119	765677	11.017	ppbv	100
70) n-Butylbenzene	12.280	91	756926	10.981	ppbv	99
71) 2-Chlorotoluene	10.898	91	544953	10.953	ppbv	99
72) 4-Ethyltoluene	11.121	105	583898	11.230	ppbv	99
73) 1,3,5-Trimethylbenzene	11.199	105	510670	11.122	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	550233	11.066	ppbv #	87
75) 1,3-Dichlorobenzene	11.604	146	314285	10.666	ppbv	99
76) 1,4-Dichlorobenzene	11.668	146	307295	10.659	ppbv	99
77) 1,2-Dichlorobenzene	11.944	146	308471	10.563	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	227006	9.471	ppbv	99
79) Naphthalene	13.513	128	495170	9.890	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	173122	7.293	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	227472	9.308	ppbv	99

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

Quant Time: Jan 21 03:03:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

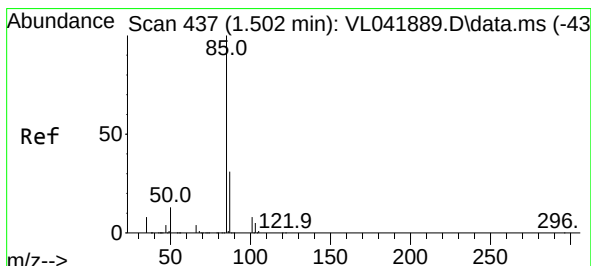
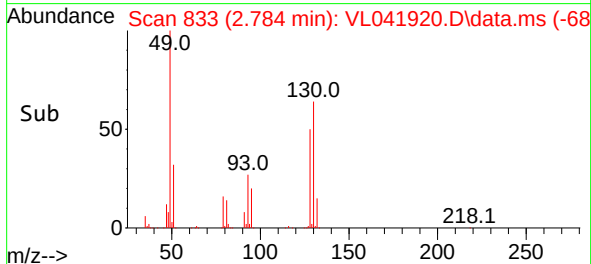
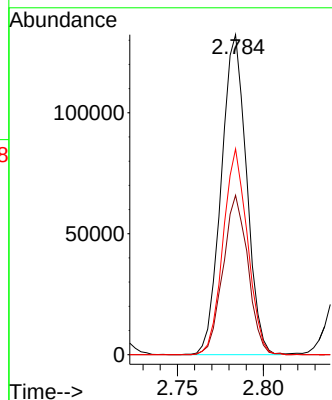
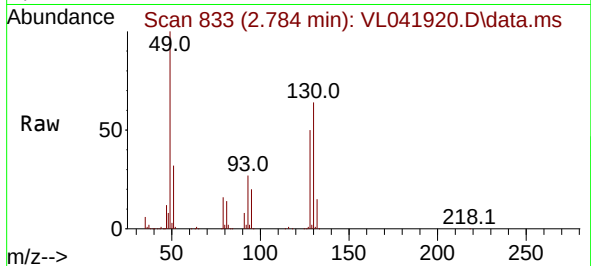




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

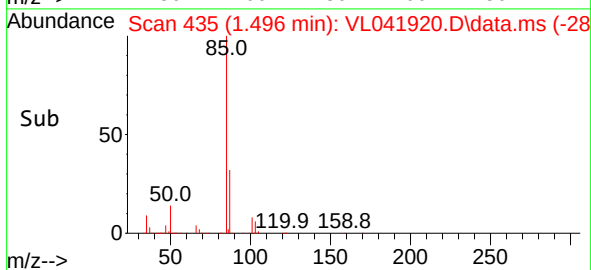
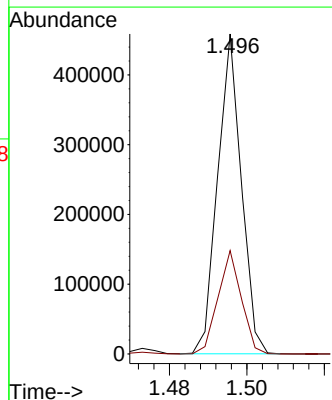
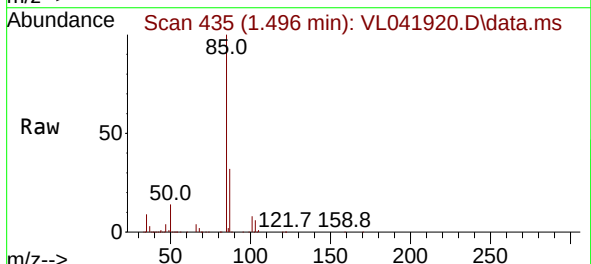
Instrument :
MSVOA_L
ClientSampleId :

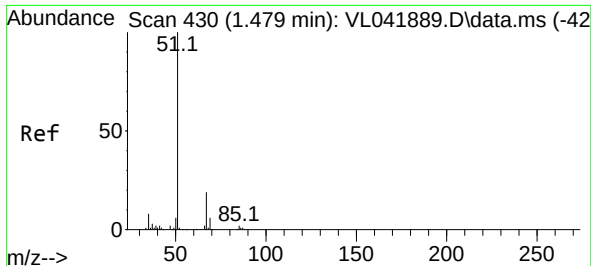
Tgt Ion: 49 Resp: 135102
Ion Ratio Lower Upper
49 100
128 49.0 24.3 73.0
130 62.1 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 10.559 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 85 Resp: 194318
Ion Ratio Lower Upper
85 100
87 32.3 24.9 37.3

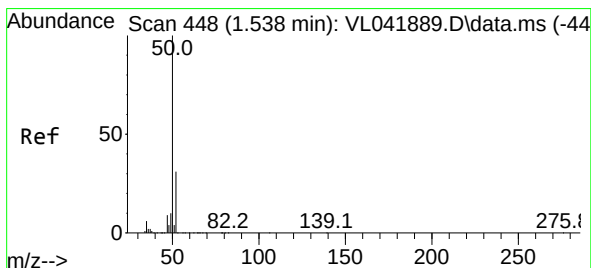
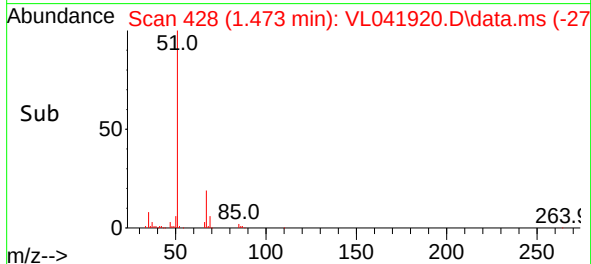
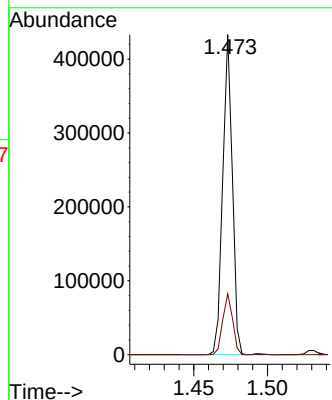
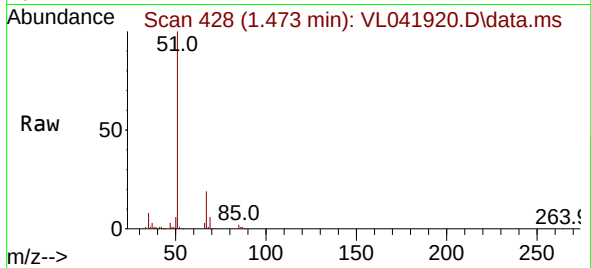




#3
Chlorodifluoromethane
Concen: 10.243 ppbv
RT: 1.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

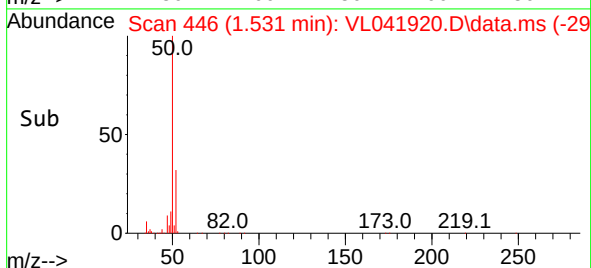
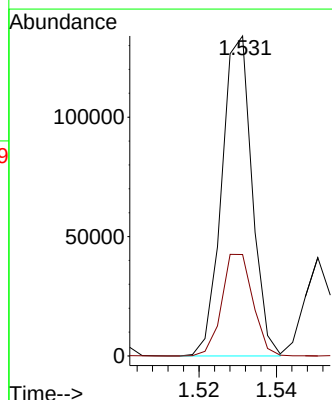
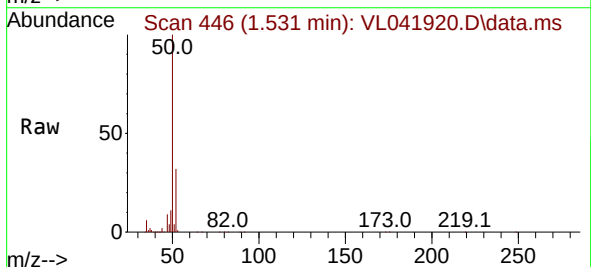
Instrument :
MSVOA_L
ClientSampleId :

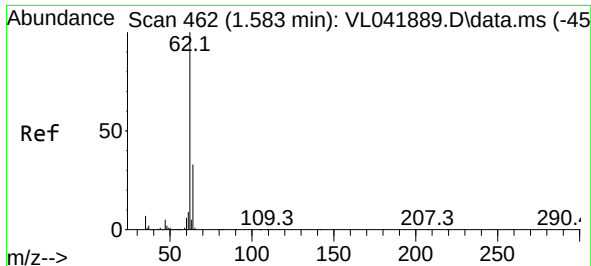
Tgt Ion: 51 Resp: 197472
Ion Ratio Lower Upper
51 100
67 19.7 15.0 22.4



#4
Chloromethane
Concen: 10.529 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 50 Resp: 72874
Ion Ratio Lower Upper
50 100
52 31.7 24.6 36.8

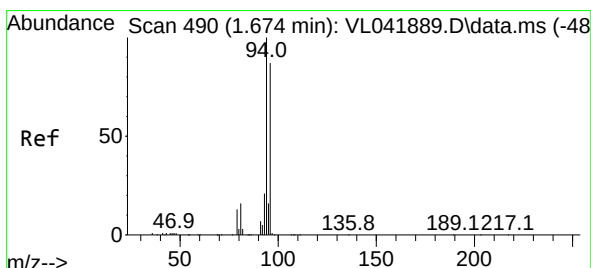
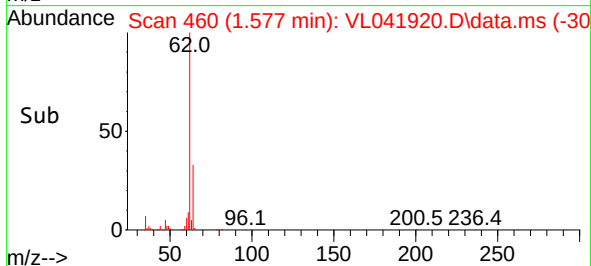
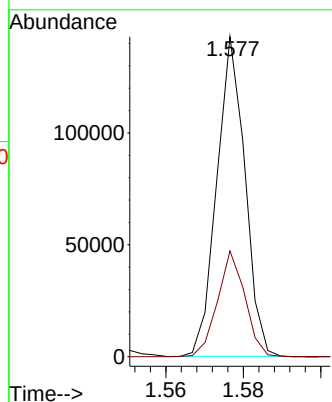
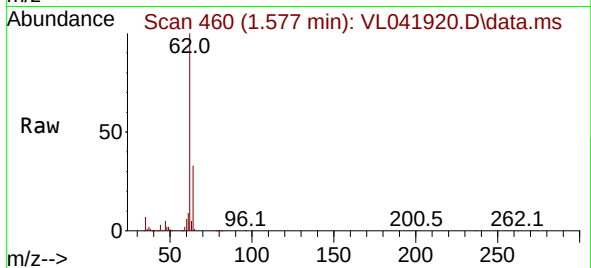




#5
 Vinyl Chloride
 Concen: 10.287 ppbv
 RT: 1.577 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

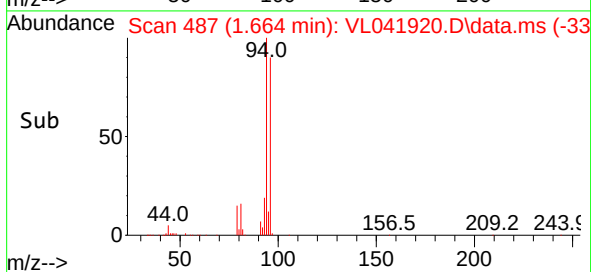
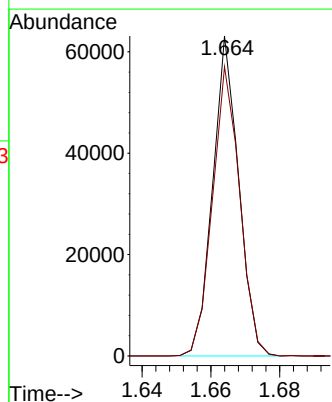
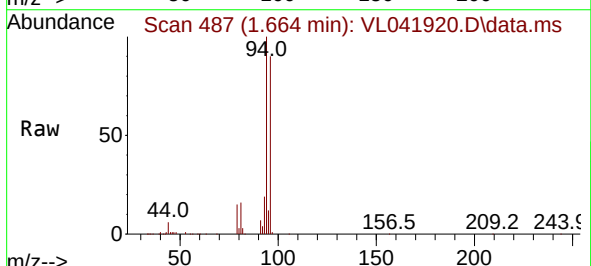
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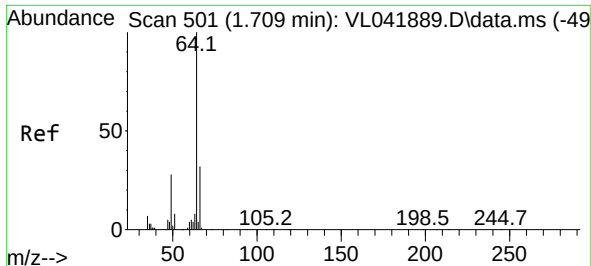
Tgt Ion: 62 Resp: 72113
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.1 39.1



#6
 Bromomethane
 Concen: 9.918 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion: 94 Resp: 33135
 Ion Ratio Lower Upper
 94 100
 96 90.4 69.5 104.3

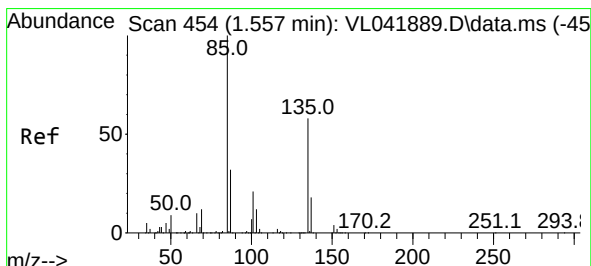
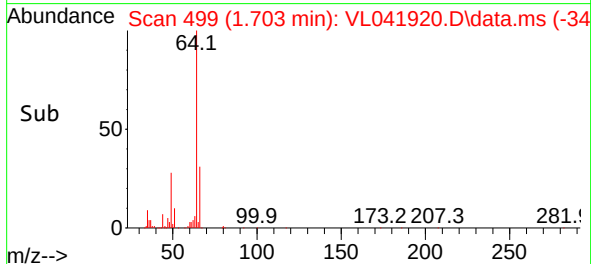
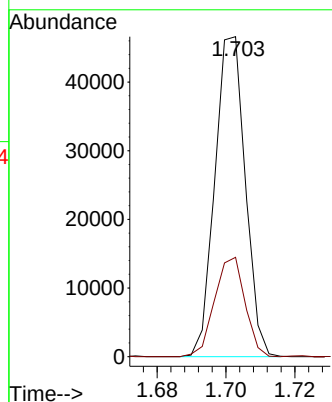
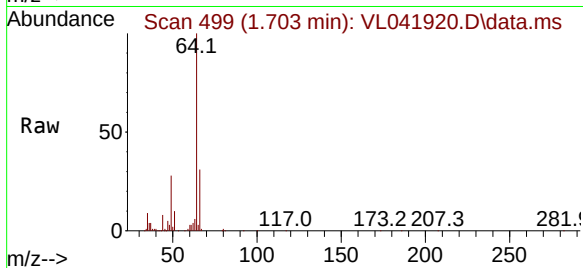




#7
Chloroethane
Concen: 10.501 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

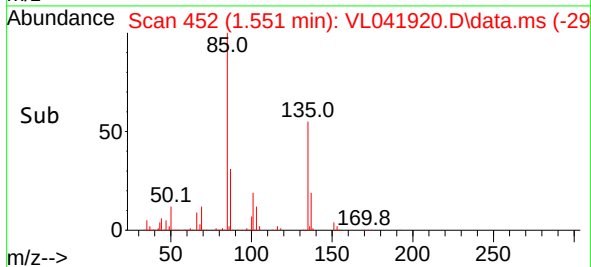
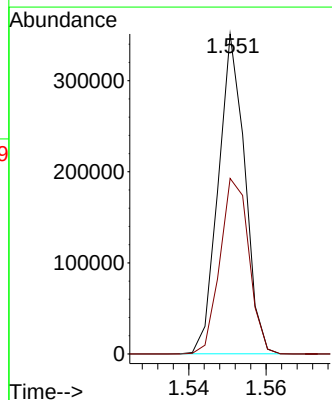
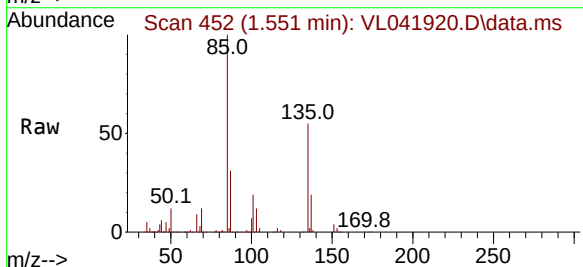
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MSVOA_L
ClientSampleId :

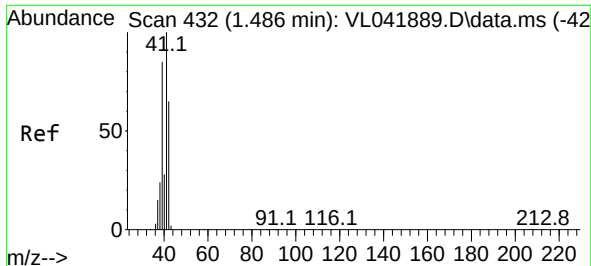
Tgt Ion: 64 Resp: 28640
Ion Ratio Lower Upper
64 100
66 31.1 25.7 38.5



#8
Dichlorotetrafluoroethane
Concen: 10.375 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 85 Resp: 166851
Ion Ratio Lower Upper
85 100
135 60.1 50.0 75.0





#9

Propene

Concen: 9.714 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

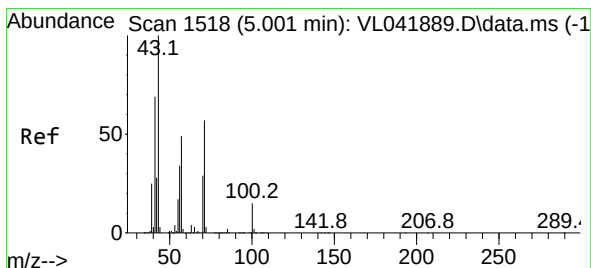
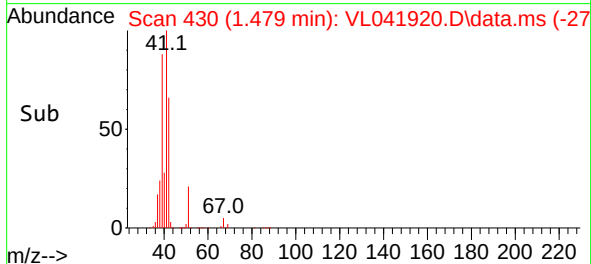
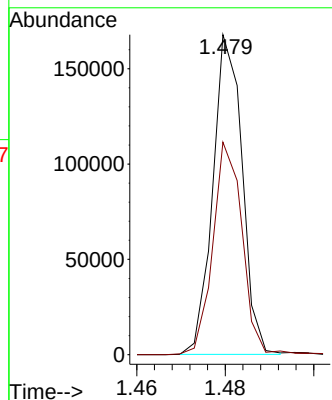
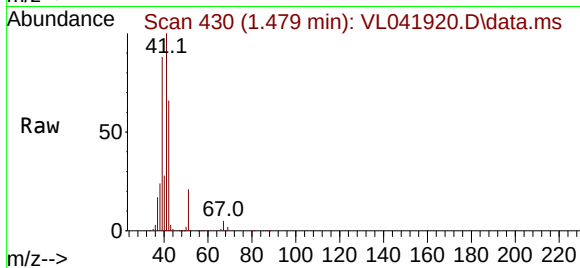
ClientSampleId :

Tgt Ion: 41 Resp: 77143

Ion Ratio Lower Upper

41 100

42 66.8 52.0 78.0



#10

Heptane

Concen: 10.425 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.029 min

Lab File: VL041920.D

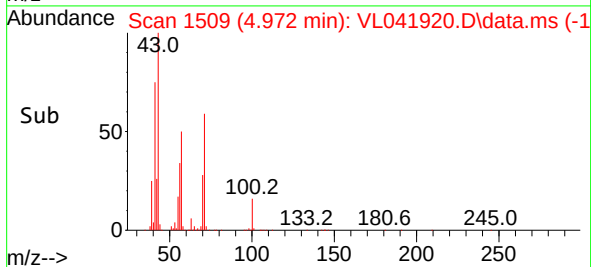
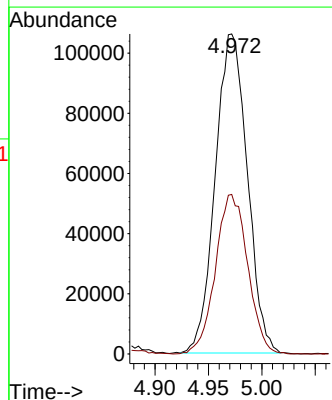
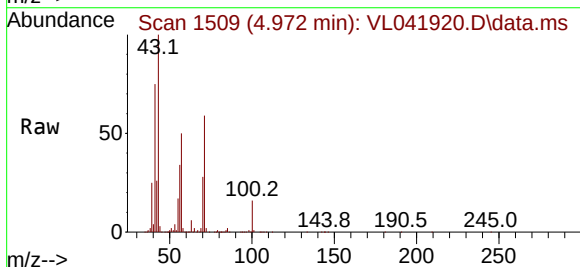
Acq: 20 Jan 2025 14:49

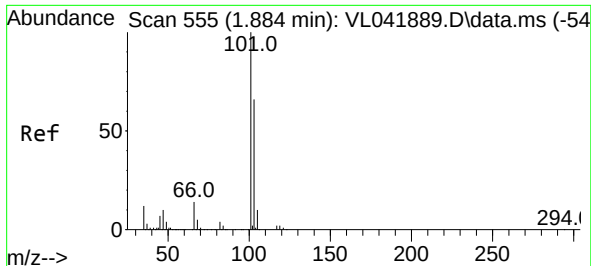
Tgt Ion: 43 Resp: 221305

Ion Ratio Lower Upper

43 100

57 50.3 41.0 61.4

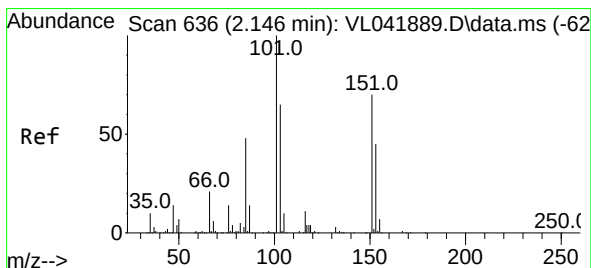
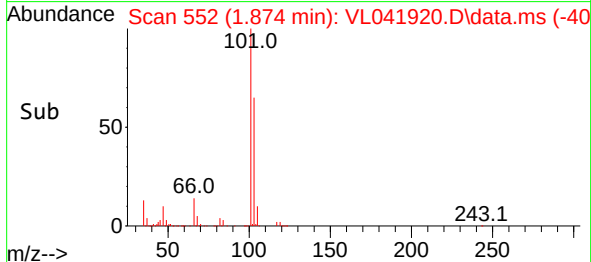
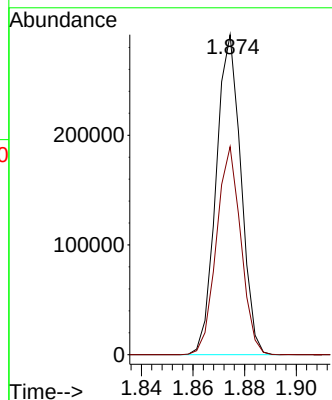
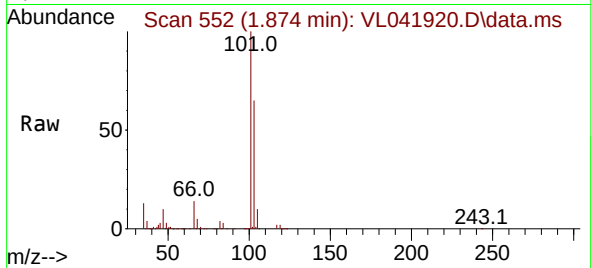




#11
 Trichlorofluoromethane
 Concen: 10.148 ppbv
 RT: 1.874 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

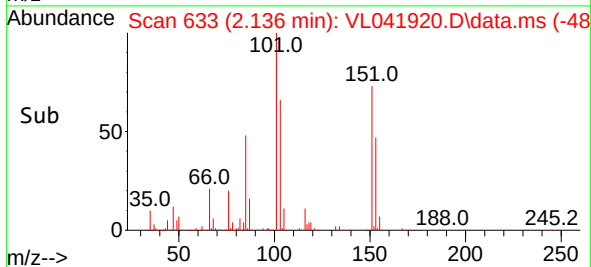
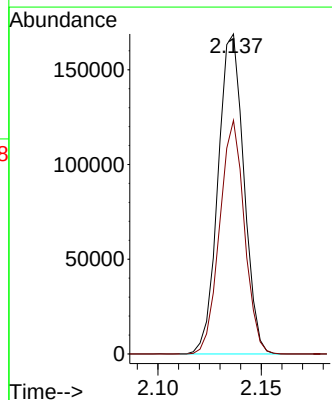
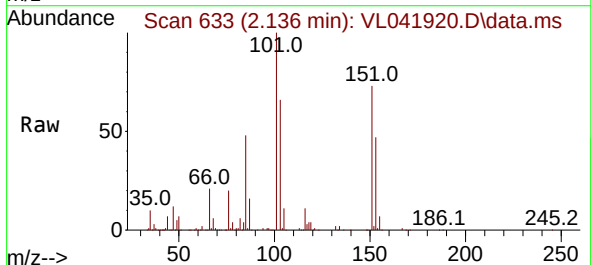
Instrument :
 MSVOA_L
 ClientSampleId :

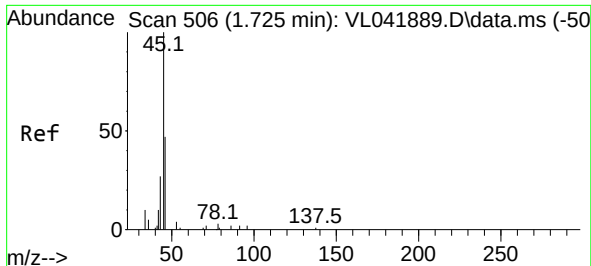
Tgt Ion:101 Resp: 194272
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.773 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion:101 Resp: 146623
 Ion Ratio Lower Upper
 101 100
 151 70.0 56.1 84.1

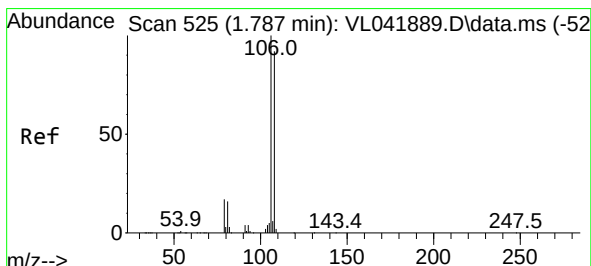
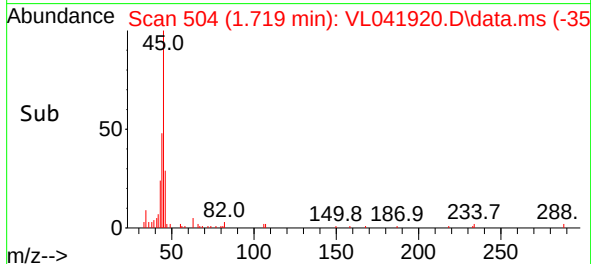
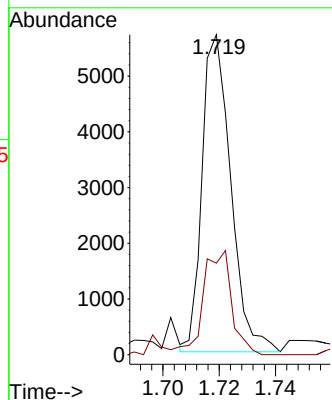
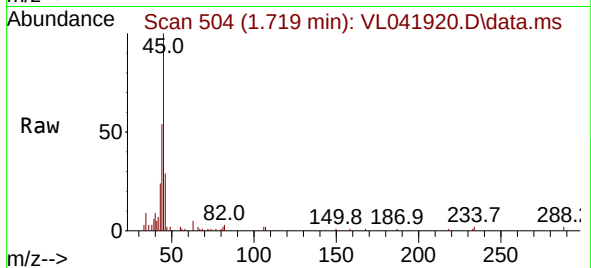




#13
Ethanol
Concen: 6.942 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

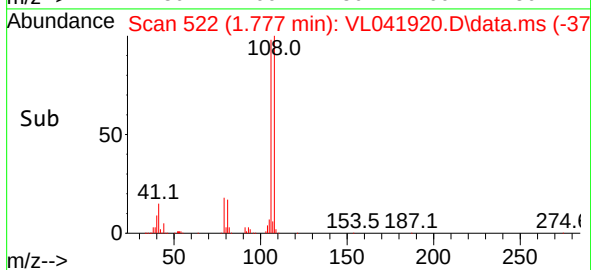
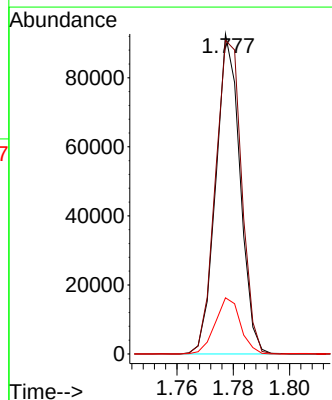
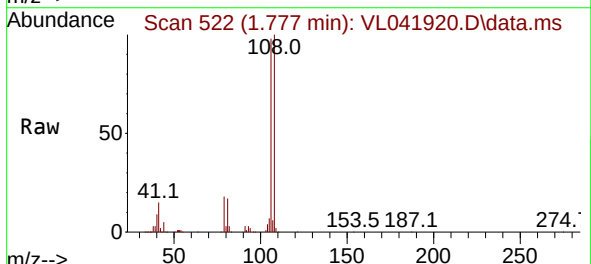
Instrument :
MSVOA_L
ClientSampleId :

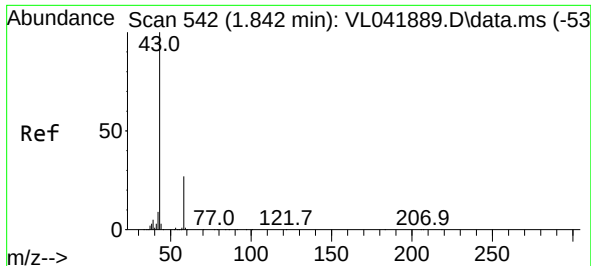
Tgt Ion: 45 Resp: 4038
Ion Ratio Lower Upper
45 100
46 35.4 18.1 72.5



#14
Bromoethene
Concen: 10.069 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

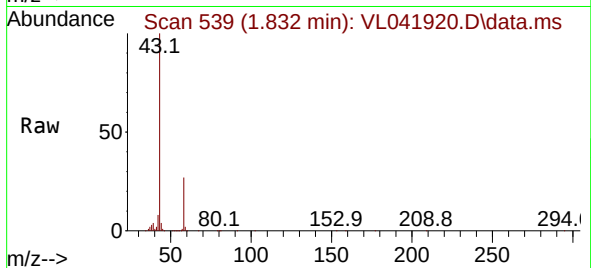
Tgt Ion:108 Resp: 55312
Ion Ratio Lower Upper
108 100
106 106.2 85.5 128.3
79 18.5 15.3 22.9



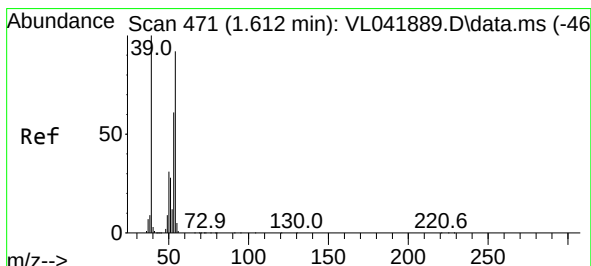
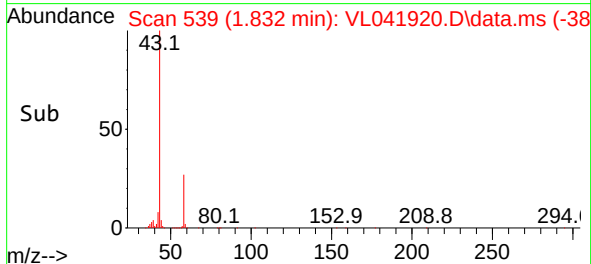
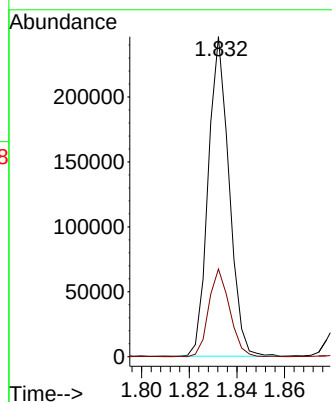


#15
Acetone
Concen: 9.254 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Instrument :
MSVOA_L
ClientSampleId :

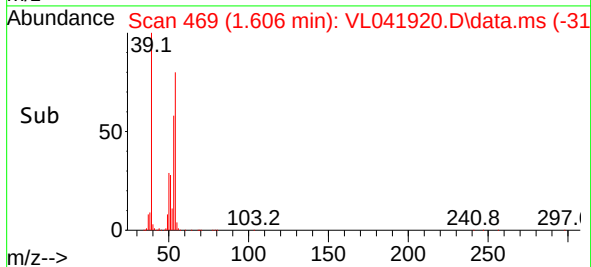
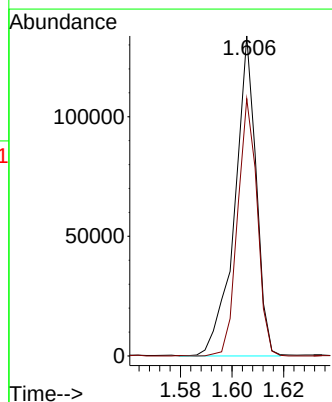
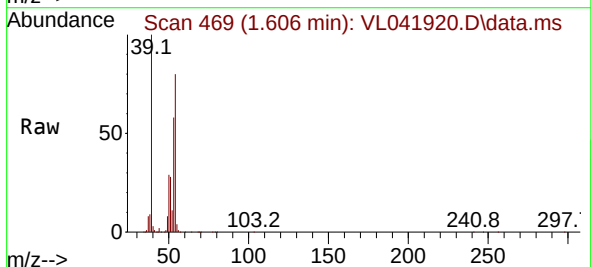


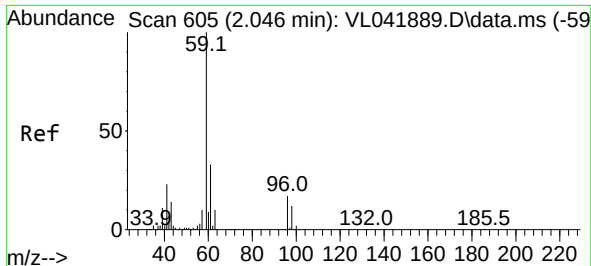
Tgt Ion: 43 Resp: 150156
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9



#16
1,3-Butadiene
Concen: 10.646 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 39 Resp: 77537
Ion Ratio Lower Upper
39 100
54 73.4 61.6 92.4





#17

tert-Butyl alcohol

Concen: 9.112 ppbv

RT: 2.036 min Scan# 605

Delta R.T. -0.010 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

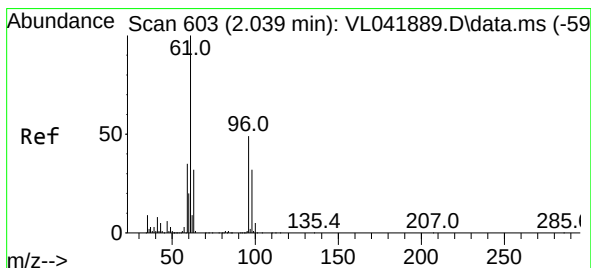
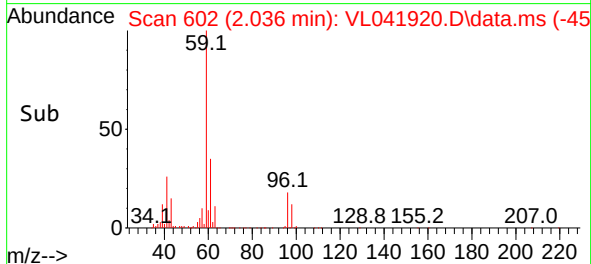
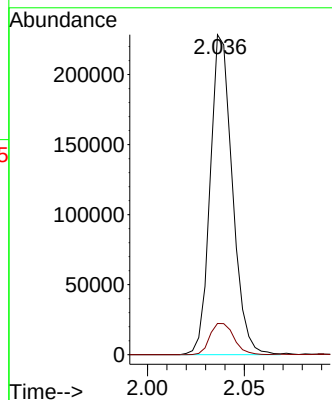
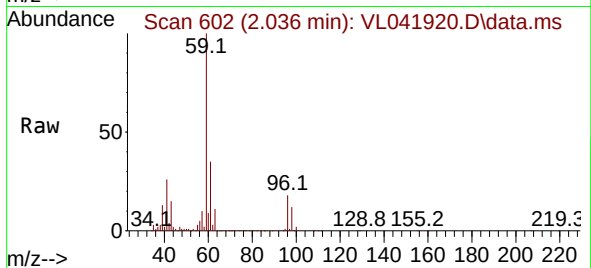
ClientSampleId :

Tgt Ion: 59 Resp: 181975

Ion Ratio Lower Upper

59 100

57 10.7 7.8 11.8



#18

1,1-Dichloroethene

Concen: 9.782 ppbv

RT: 2.030 min Scan# 600

Delta R.T. -0.010 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

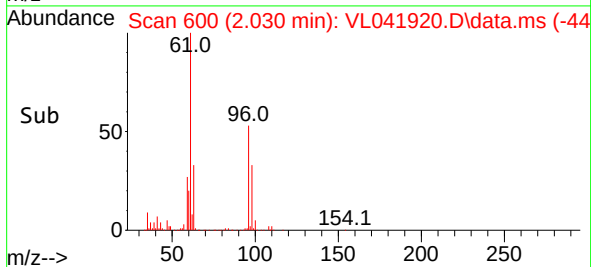
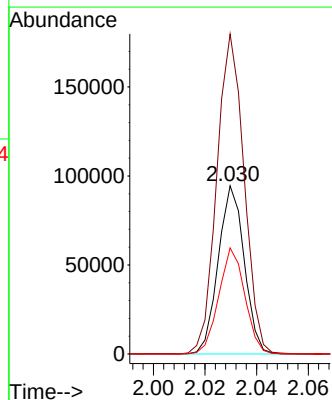
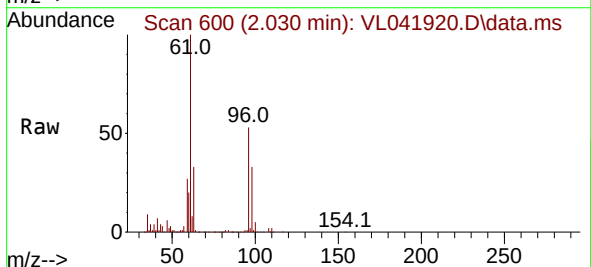
Tgt Ion: 96 Resp: 66143

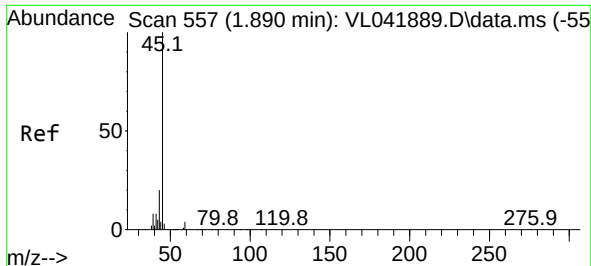
Ion Ratio Lower Upper

96 100

61 190.3 163.1 244.7

98 63.1 52.7 79.1

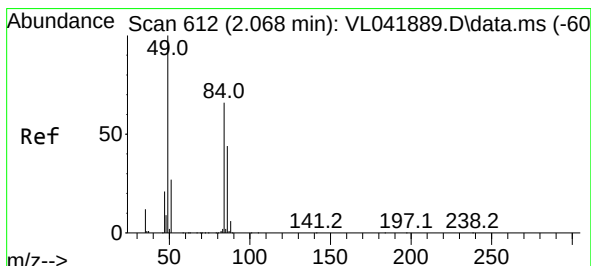
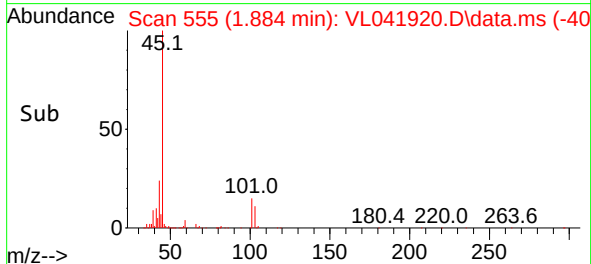
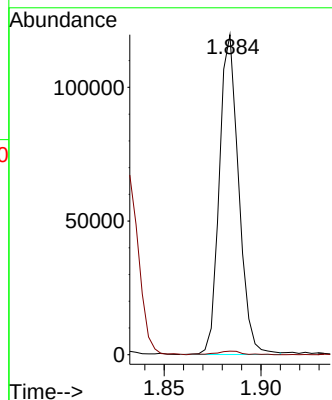
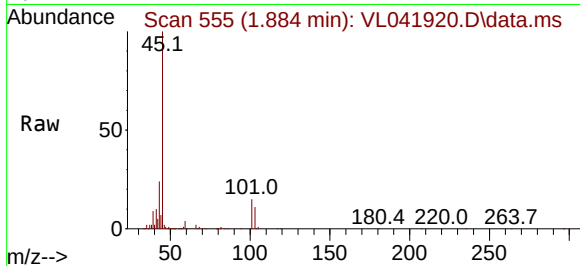




#19
Isopropyl Alcohol
Concen: 8.628 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

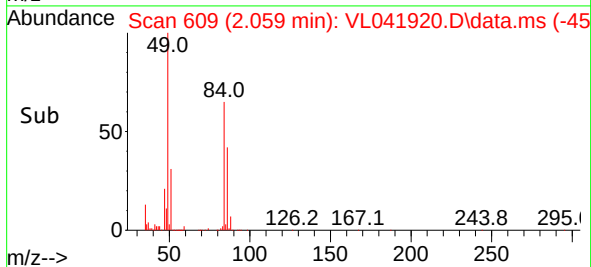
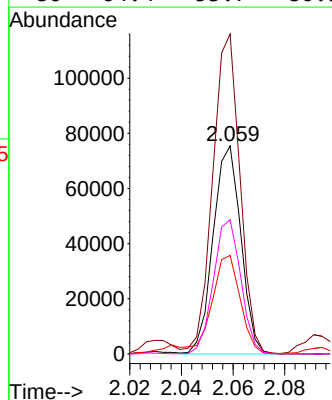
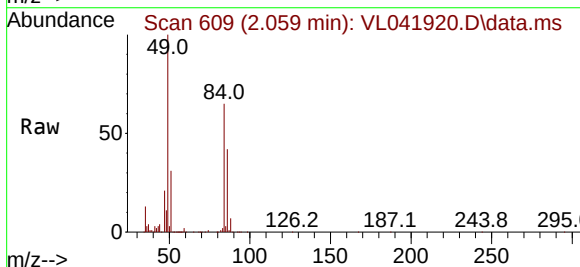
Instrument :
MSVOA_L
ClientSampleId :

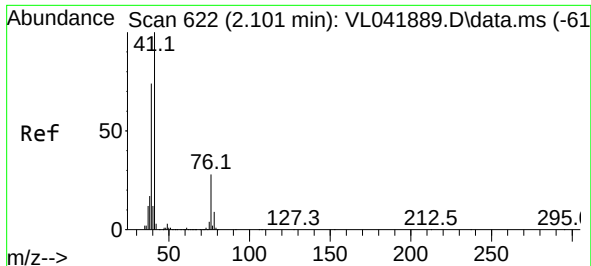
Tgt Ion: 45 Resp: 83014
Ion Ratio Lower Upper
45 100
58 50.0 35.0 52.6



#20
Methylene Chloride
Concen: 8.781 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.010 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 84 Resp: 56310
Ion Ratio Lower Upper
84 100
49 153.6 123.1 184.7
51 47.4 35.8 53.8
86 64.4 53.7 80.5

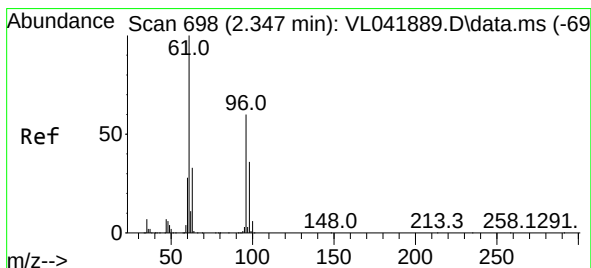
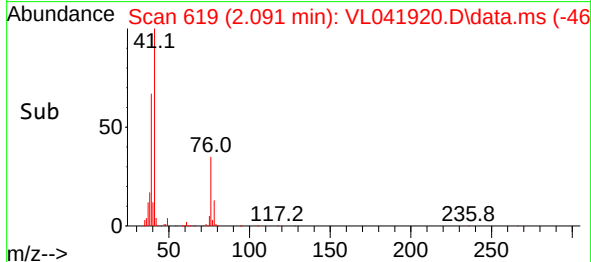
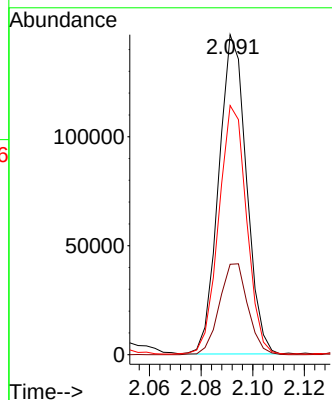
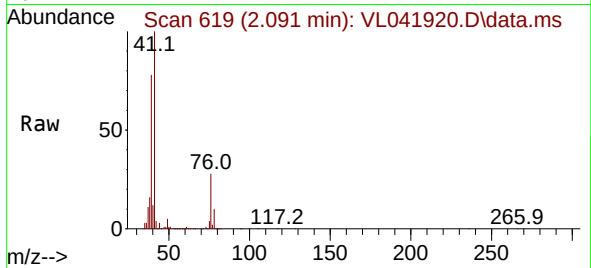




#21
 Allyl Chloride
 Concen: 9.729 ppbv
 RT: 2.091 min Scan# 619
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

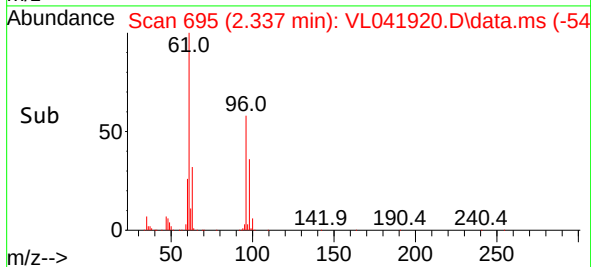
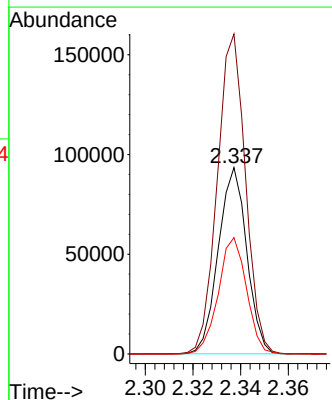
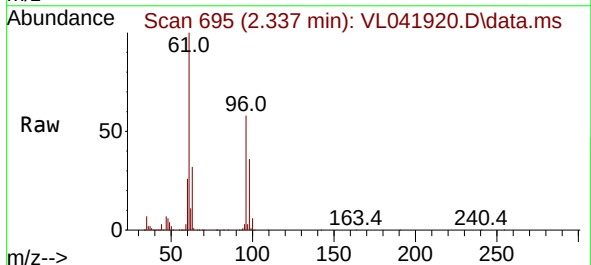
Instrument :
 MSVOA_L
 ClientSampleId :

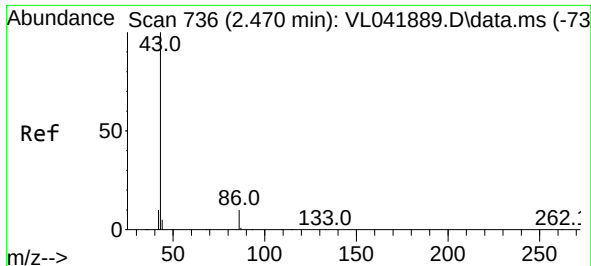
Tgt Ion: 41 Resp: 109320
 Ion Ratio Lower Upper
 41 100
 76 29.2 24.2 36.4
 39 78.0 60.6 91.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.138 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

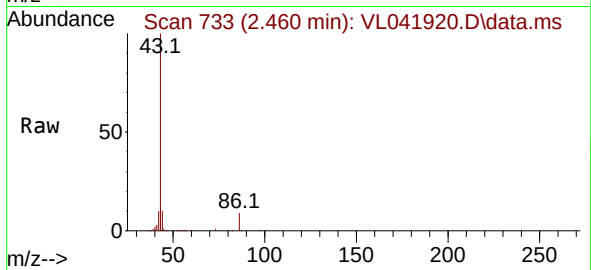
Tgt Ion: 96 Resp: 77371
 Ion Ratio Lower Upper
 96 100
 61 171.4 134.5 201.7
 98 62.5 48.9 73.3



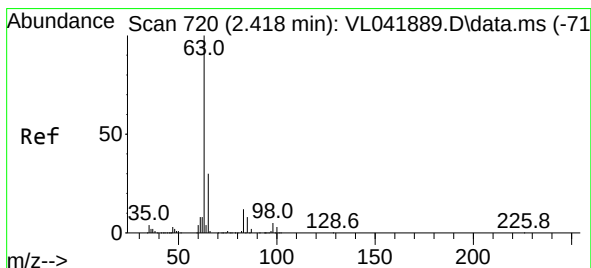
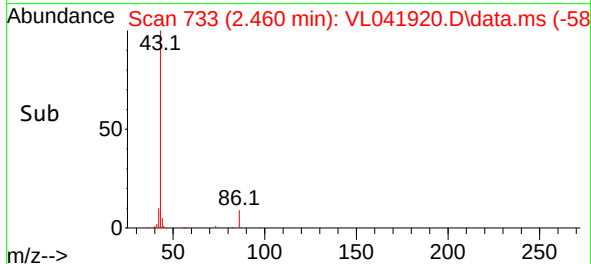
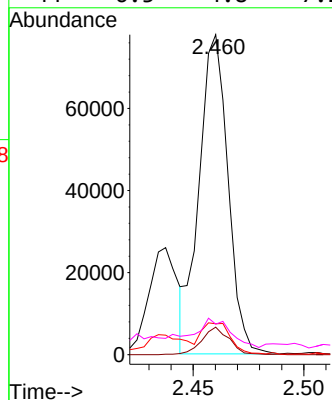


#23
 Vinyl Acetate
 Concen: 8.756 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. -0.010 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Instrument :
 MSVOA_L
 ClientSampleId :

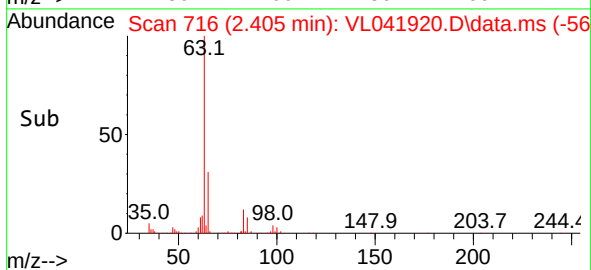
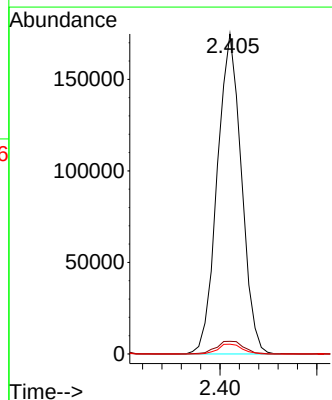
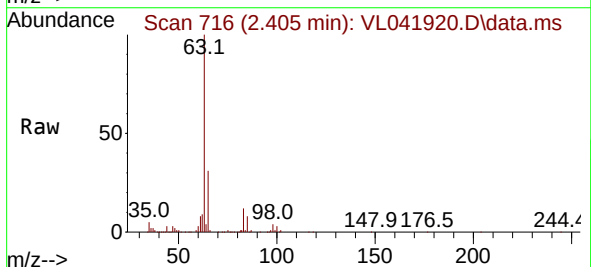


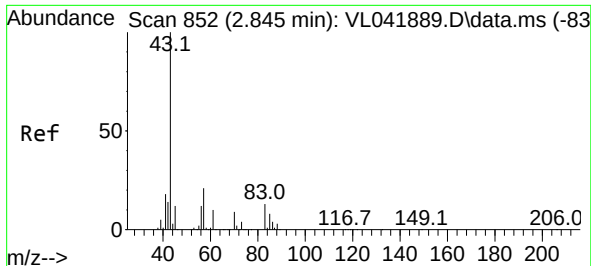
Tgt Ion: 43	Resp: 70431
Ion Ratio	Lower Upper
43 100	
86 8.5	6.2 9.4
42 9.5	8.5 12.7
44 6.3	4.8 7.2



#24
 1,1-Dichloroethane
 Concen: 10.268 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. -0.013 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

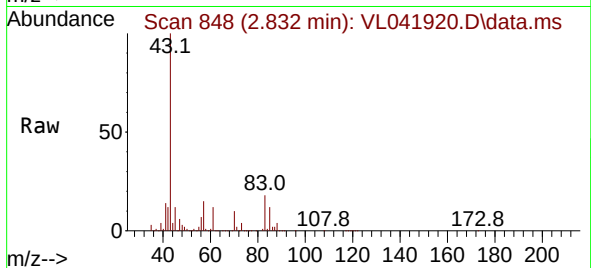
Tgt Ion: 63	Resp: 151563
Ion Ratio	Lower Upper
63 100	
98 4.0	2.6 7.8
100 3.1	1.4 4.2





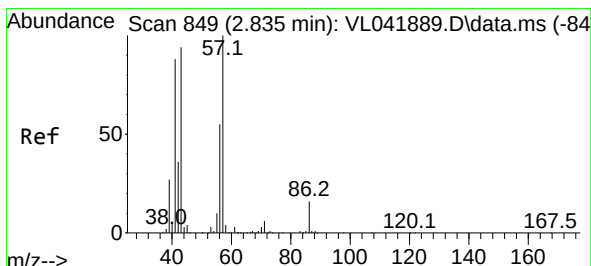
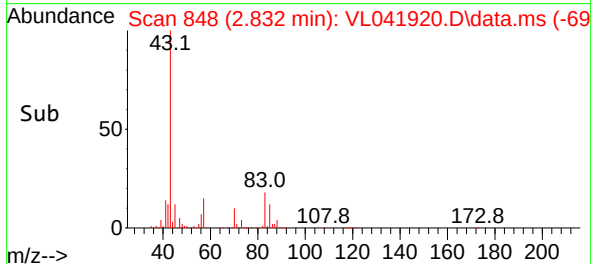
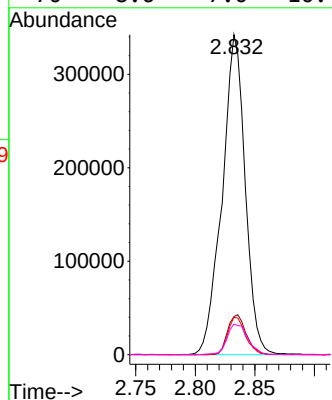
#25
Ethyl Acetate
Concen: 10.506 ppbv
RT: 2.832 min Scan# 844
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 459719

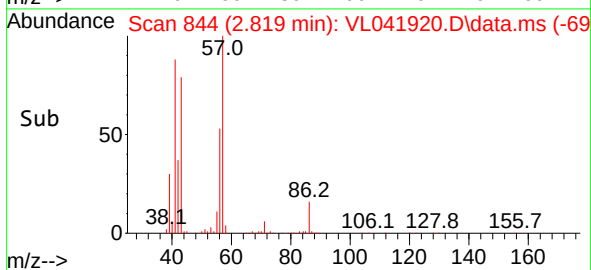
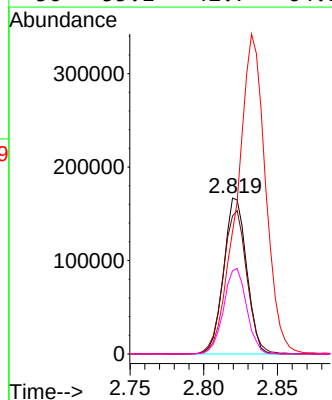
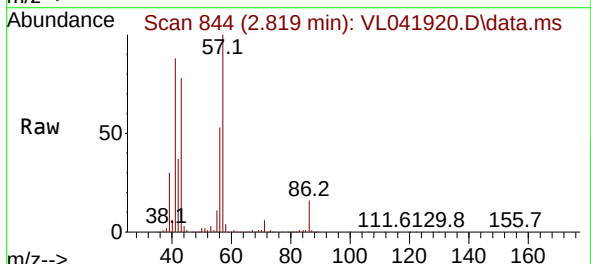
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.2
61	9.1	7.4	11.0
70	8.6	7.0	10.4

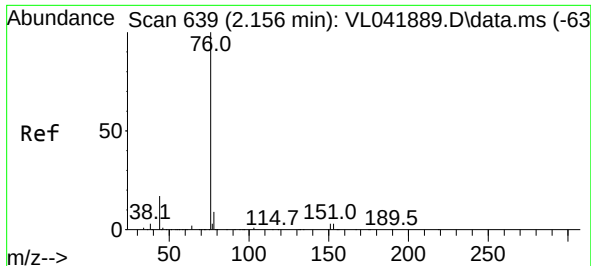


#26
Hexane
Concen: 10.422 ppbv
RT: 2.819 min Scan# 844
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 57 Resp: 180370

Ion	Ratio	Lower	Upper
57	100		
41	95.9	73.8	110.8
43	255.0	197.3	295.9
56	55.1	42.7	64.1

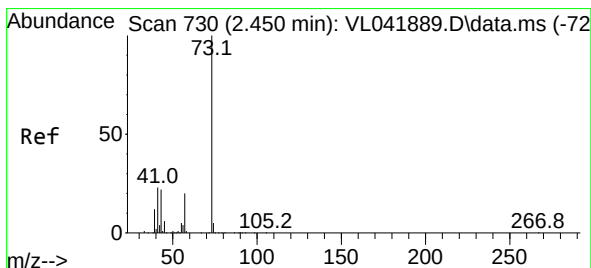
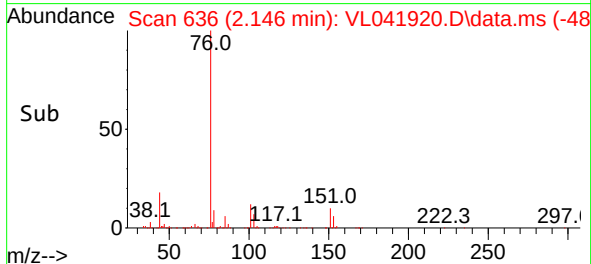
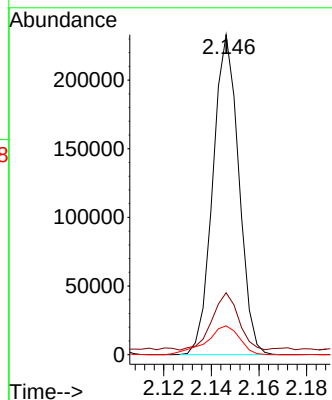
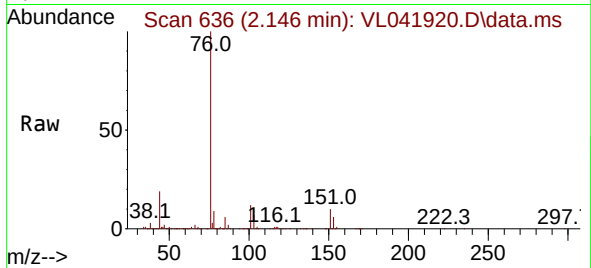




#27
Carbon Disulfide
Concen: 10.275 ppbv
RT: 2.146 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

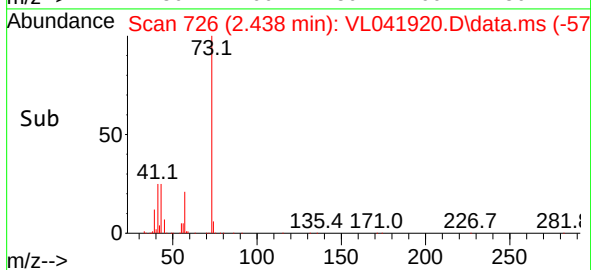
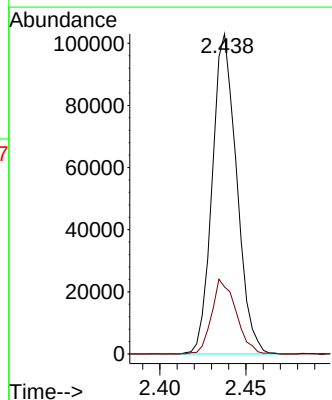
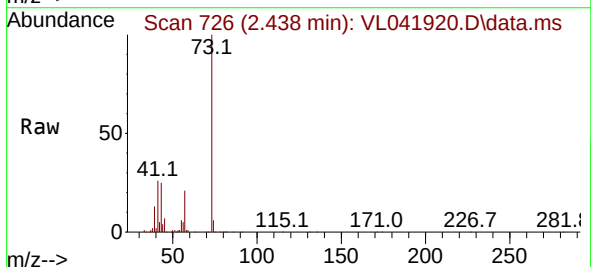
Instrument :
MSVOA_L
ClientSampleId :

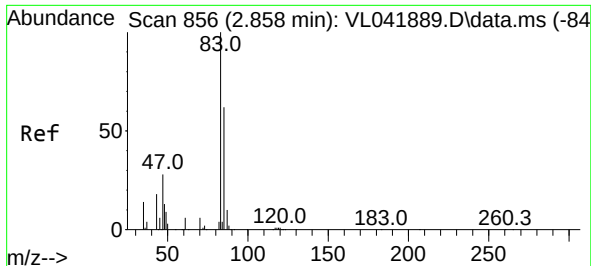
Tgt Ion: 76 Resp: 175967
Ion Ratio Lower Upper
76 100
44 22.4 15.4 23.0
78 11.5 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 7.689 ppbv
RT: 2.438 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 73 Resp: 101706
Ion Ratio Lower Upper
73 100
57 23.4 18.1 27.1

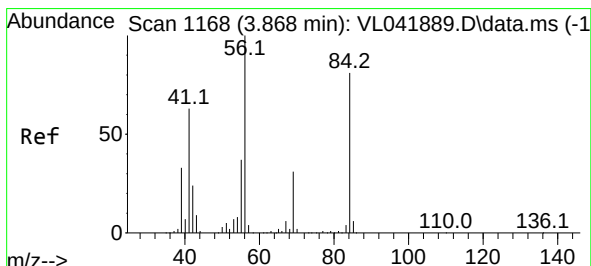
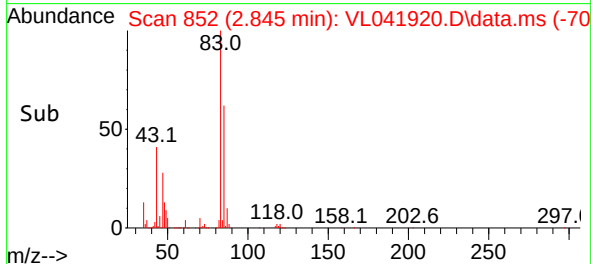
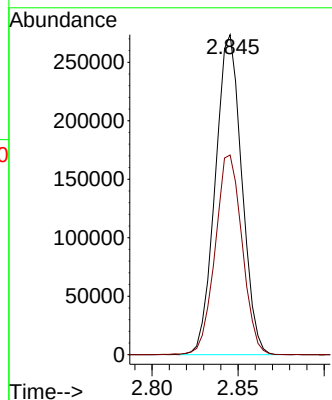
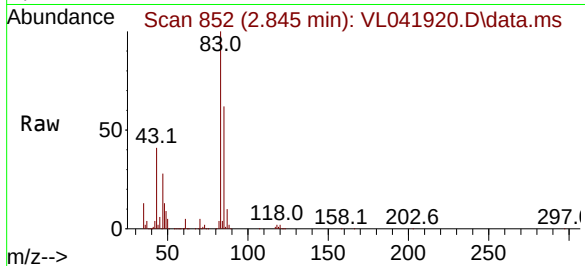




#29
Chloroform
Concen: 10.715 ppbv
RT: 2.845 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

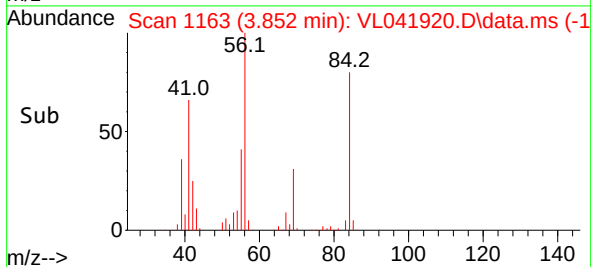
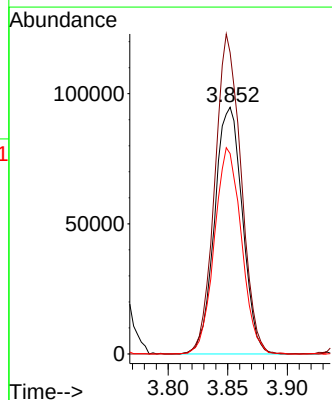
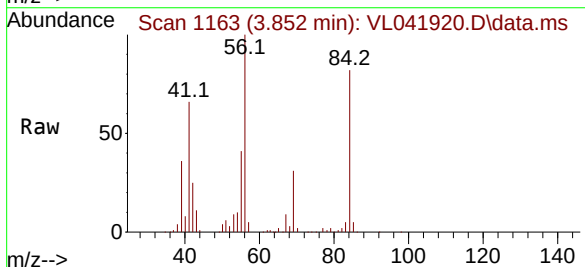
Instrument :
MSVOA_L
ClientSampleId :

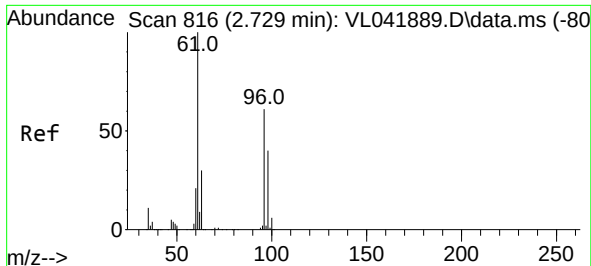
Tgt Ion: 83 Resp: 293134
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1



#30
Cyclohexane
Concen: 10.250 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

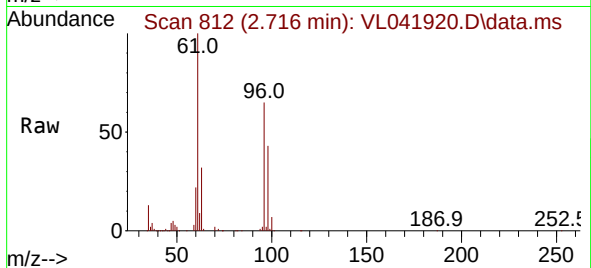
Tgt Ion: 84 Resp: 153860
Ion Ratio Lower Upper
84 100
56 122.3 99.3 148.9
41 81.4 64.3 96.5



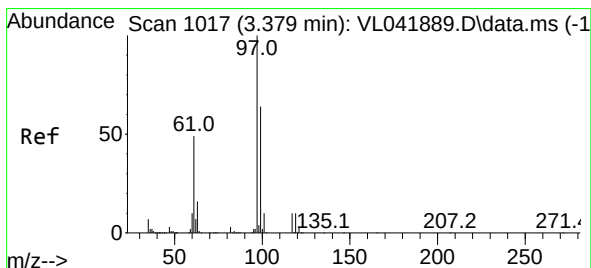
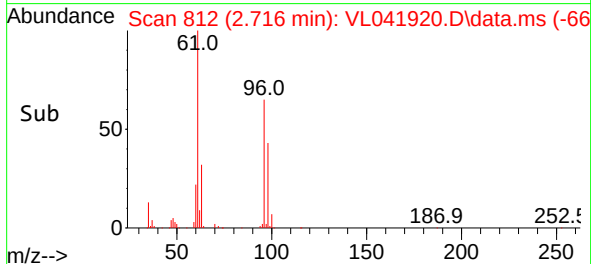
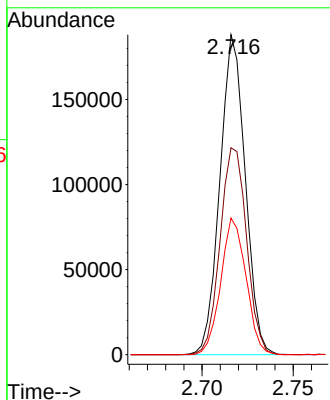


#31
 cis-1,2-Dichloroethene
 Concen: 9.982 ppbv
 RT: 2.716 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Instrument :
 MSVOA_L
 ClientSampleId :

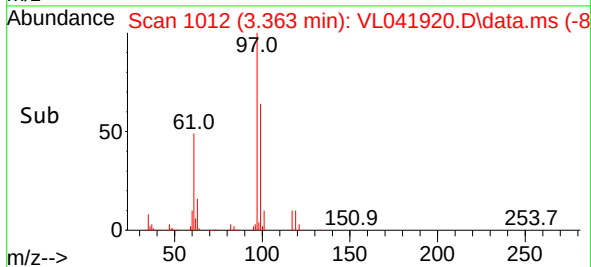
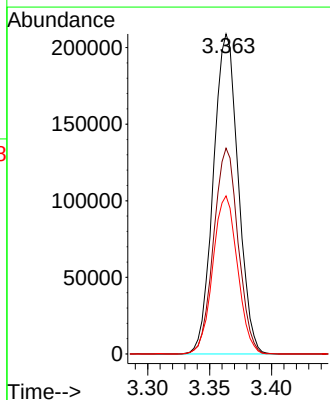
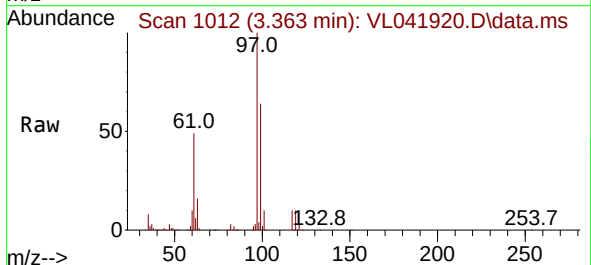


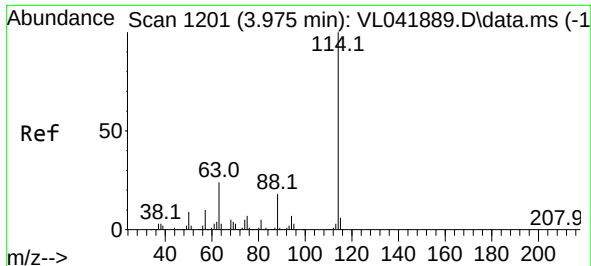
Tgt Ion: 61 Resp: 181894
 Ion Ratio Lower Upper
 61 100
 96 64.6 48.7 73.1
 98 42.7 31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 11.149 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.016 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion: 97 Resp: 291864
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.1 76.7
 61 49.2 39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.023 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

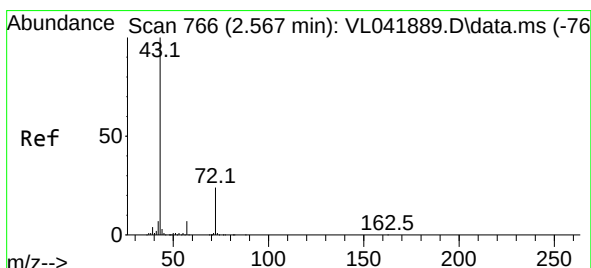
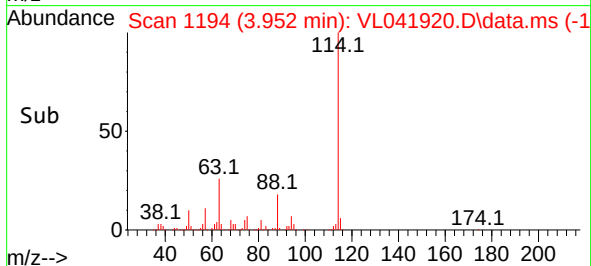
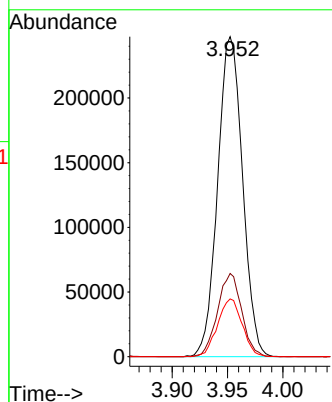
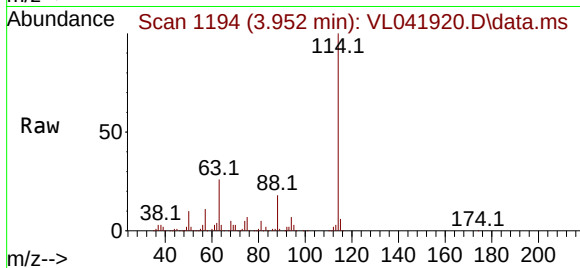
Tgt Ion:114 Resp: 387101

Ion Ratio Lower Upper

114 100

63 25.2 19.8 29.6

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 10.543 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041920.D

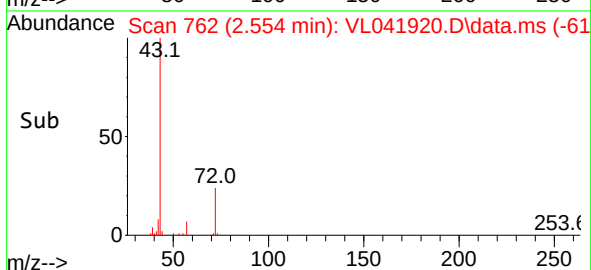
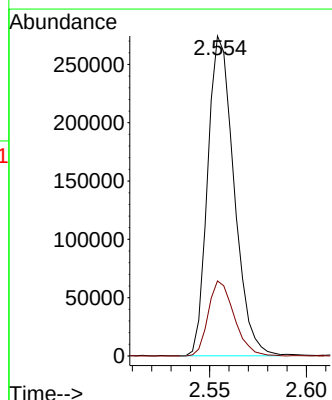
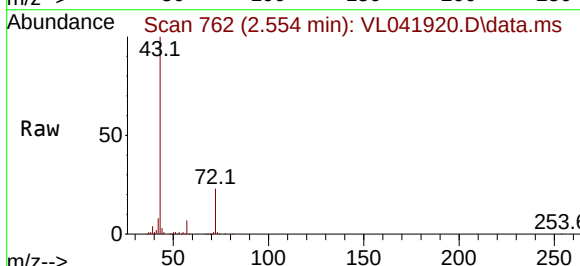
Acq: 20 Jan 2025 14:49

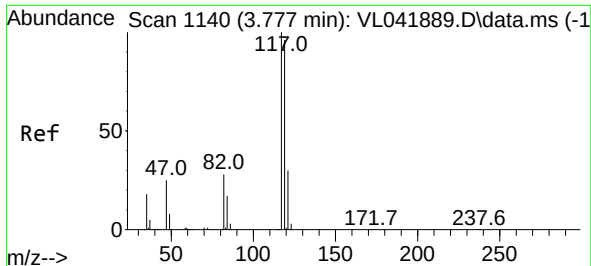
Tgt Ion: 43 Resp: 259553

Ion Ratio Lower Upper

43 100

72 23.1 18.6 28.0

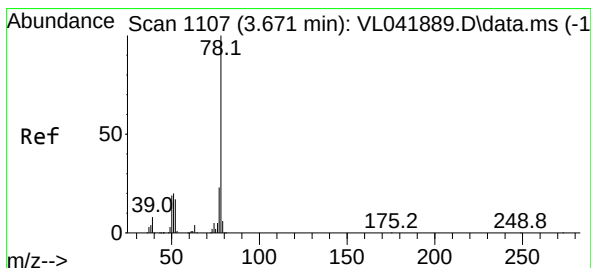
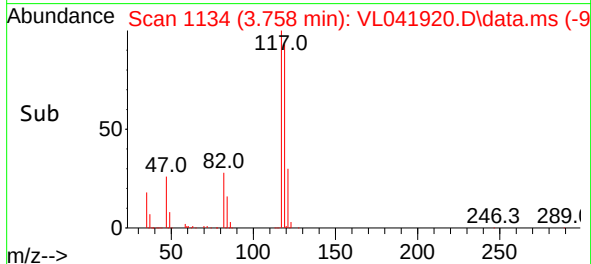
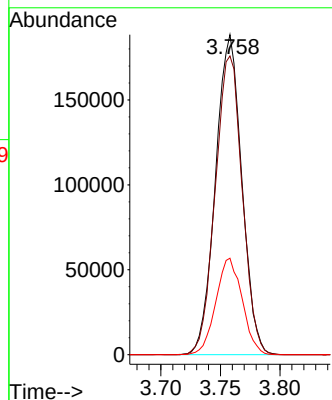
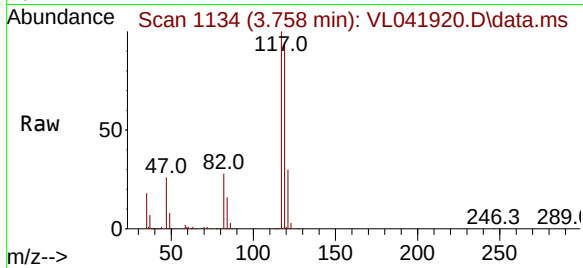




#35
Carbon Tetrachloride
Concen: 11.886 ppbv
RT: 3.758 min Scan# 111
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

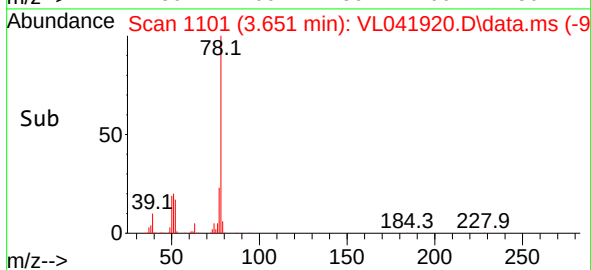
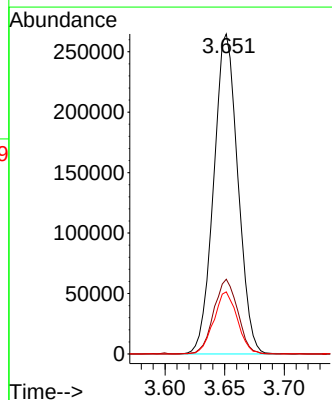
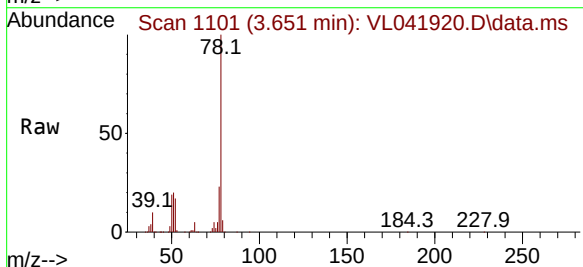
Instrument :
MSVOA_L
ClientSampleId :

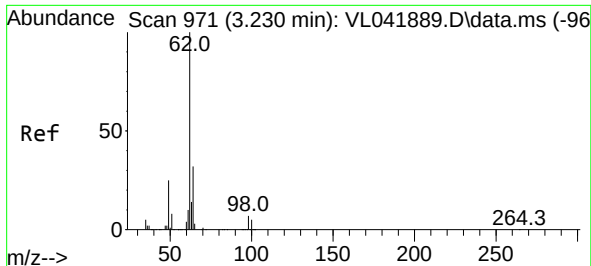
Tgt Ion:117 Resp: 289005
Ion Ratio Lower Upper
117 100
119 93.3 76.9 115.3
121 30.1 23.8 35.6



#36
Benzene
Concen: 10.519 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 78 Resp: 373474
Ion Ratio Lower Upper
78 100
77 23.3 18.1 27.1
50 19.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 11.038 ppbv

RT: 3.214 min Scan# 9

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

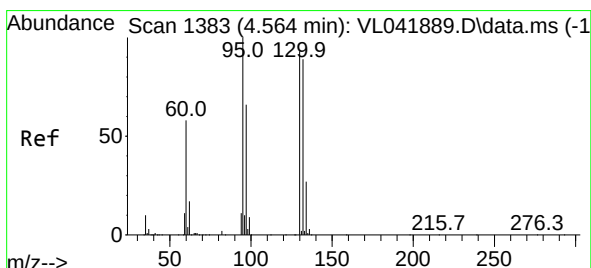
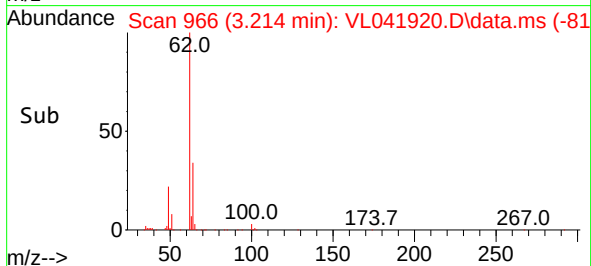
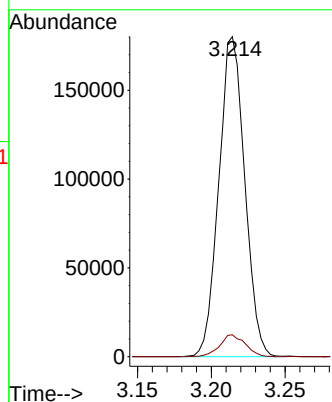
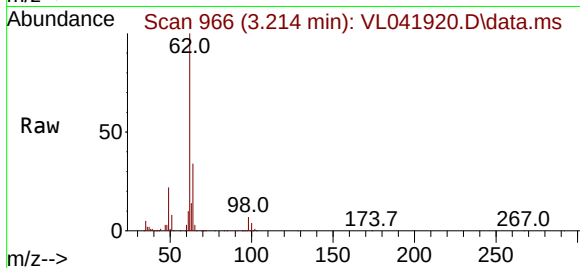
ClientSampleId :

Tgt Ion: 62 Resp: 220096

Ion Ratio Lower Upper

62 100

98 6.8 5.4 8.0



#38

Trichloroethene

Concen: 10.521 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.023 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Tgt Ion:130 Resp: 148232

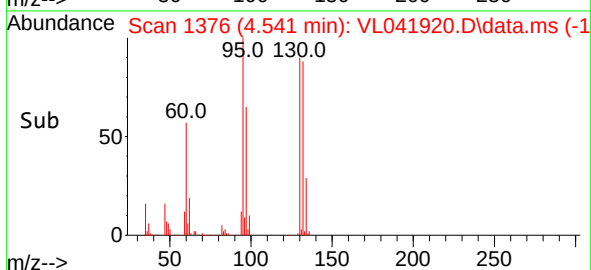
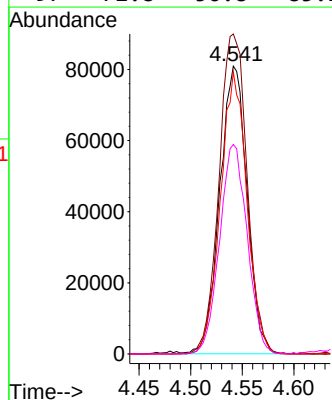
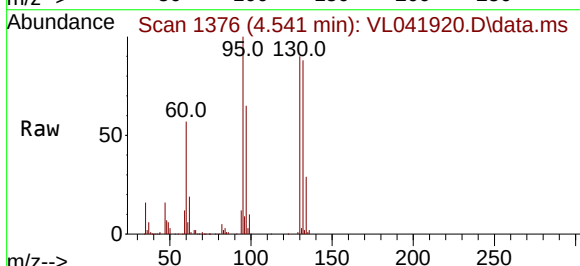
Ion Ratio Lower Upper

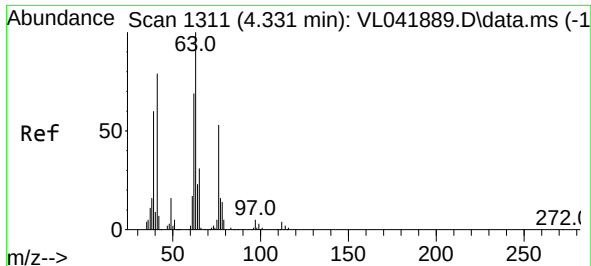
130 100

95 111.1 85.8 128.8

132 98.0 76.5 114.7

97 72.8 56.8 85.2





#39

1,2-Dichloropropane

Concen: 10.591 ppbv

RT: 4.305 min Scan# 11

Delta R.T. -0.026 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

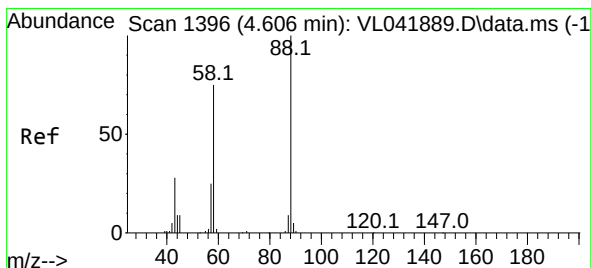
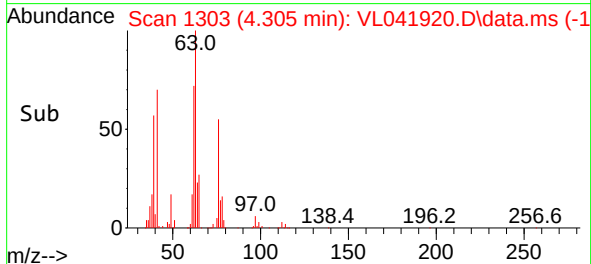
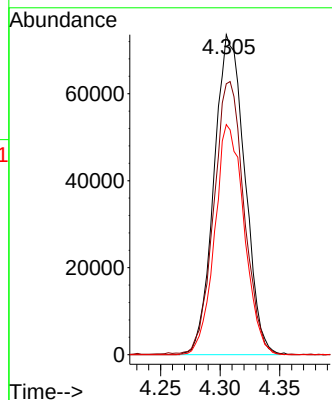
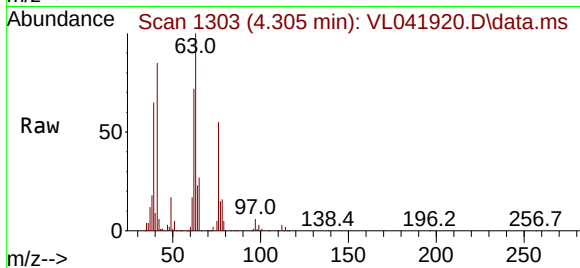
Tgt Ion: 63 Resp: 131897

Ion Ratio Lower Upper

63 100

41 84.3 63.7 95.5

62 71.8 55.4 83.2



#40

1,4-Dioxane

Concen: 9.590 ppbv

RT: 4.580 min Scan# 1388

Delta R.T. -0.026 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Tgt Ion: 88 Resp: 60318

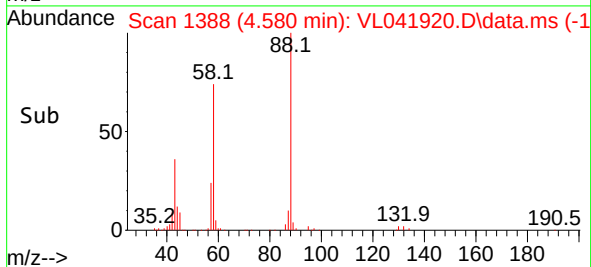
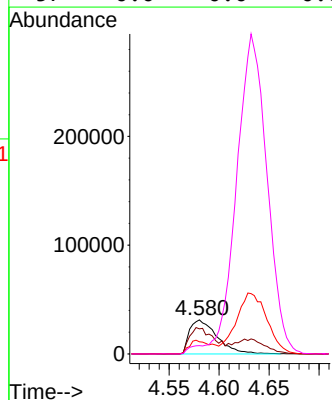
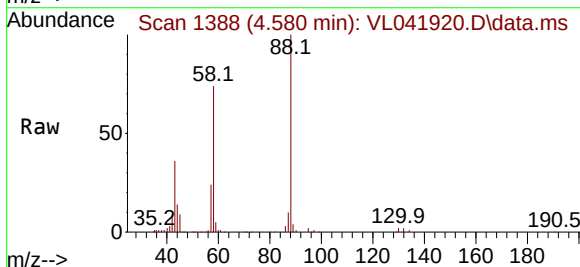
Ion Ratio Lower Upper

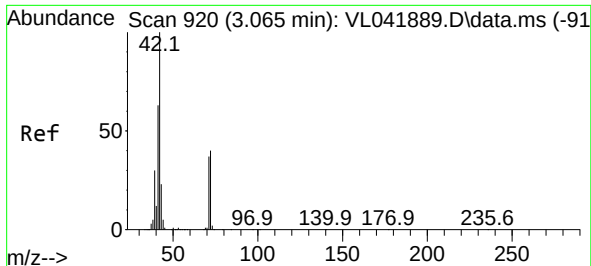
88 100

58 68.4 62.1 93.1

43 0.0 0.0 0.0

57 0.0 0.0 0.0

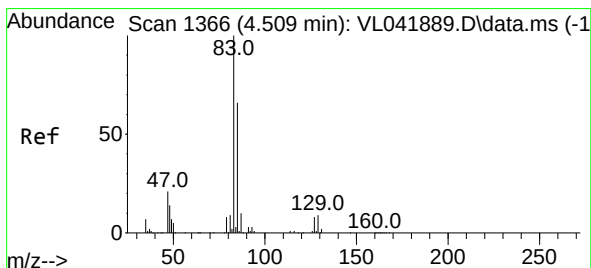
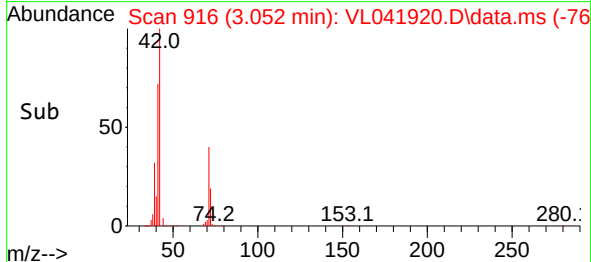
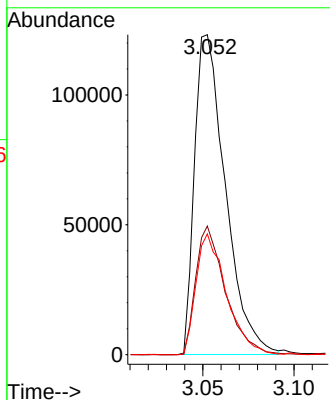
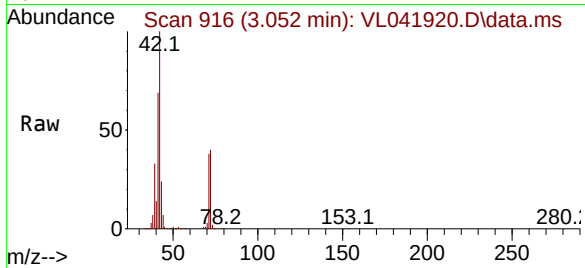




#41
Tetrahydrofuran
Concen: 10.861 ppbv
RT: 3.052 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

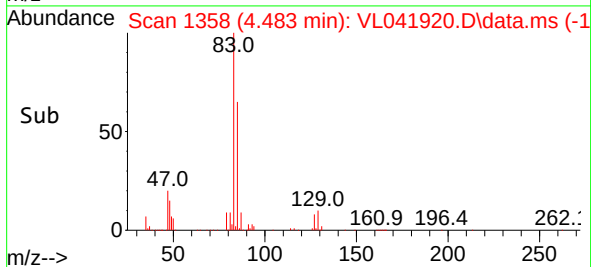
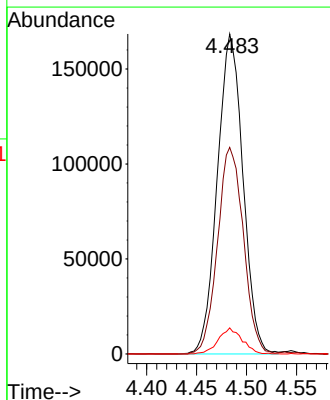
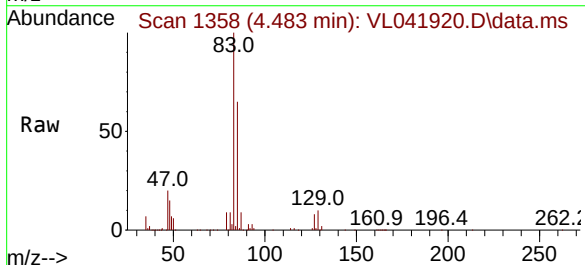
Instrument :
MSVOA_L
ClientSampleId :

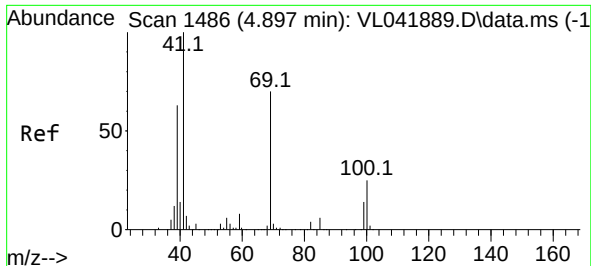
Tgt Ion: 42 Resp: 145307
Ion Ratio Lower Upper
42 100
72 38.9 32.3 48.5
71 37.3 29.9 44.9



#42
Bromodichloromethane
Concen: 11.257 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. -0.026 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 83 Resp: 300955
Ion Ratio Lower Upper
83 100
85 64.6 52.6 78.8
127 8.1 6.4 9.6

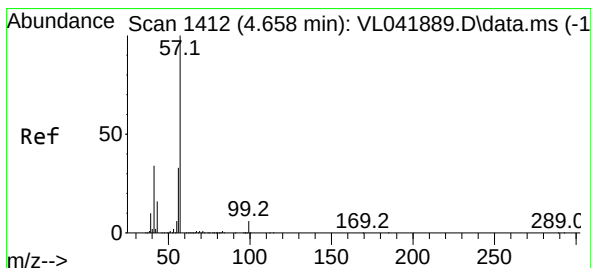
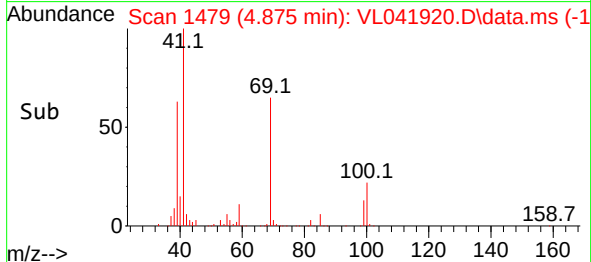
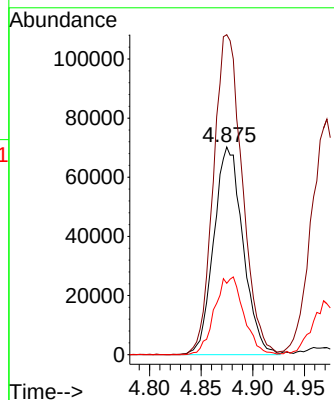
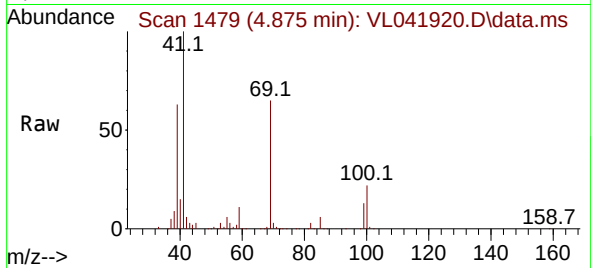




#43
Methyl Methacrylate
Concen: 10.472 ppbv
RT: 4.875 min Scan# 1486
Delta R.T. -0.023 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

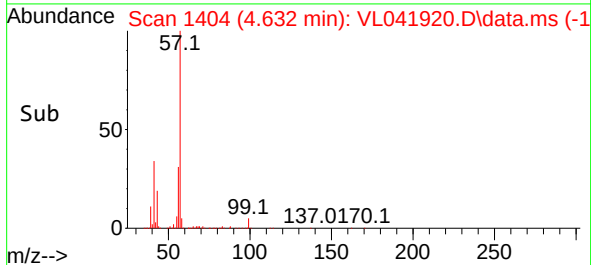
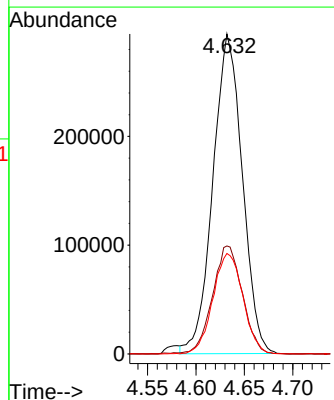
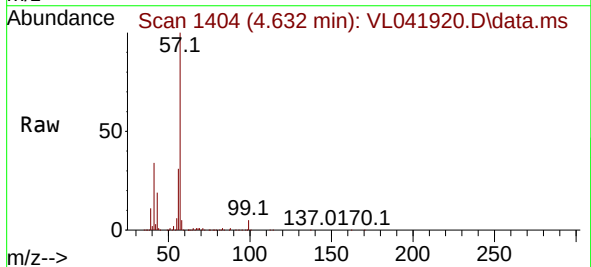
Instrument :
MSVOA_L
ClientSampleId :

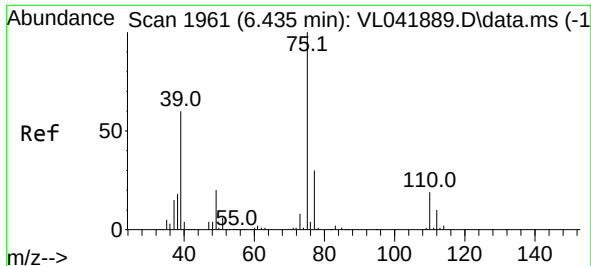
Tgt Ion: 69 Resp: 138125
Ion Ratio Lower Upper
69 100
41 152.5 118.6 177.8
100 37.4 29.3 43.9



#44
2,2,4-Trimethylpentane
Concen: 10.813 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. -0.026 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 57 Resp: 620956
Ion Ratio Lower Upper
57 100
41 34.5 26.6 40.0
56 32.2 25.4 38.2

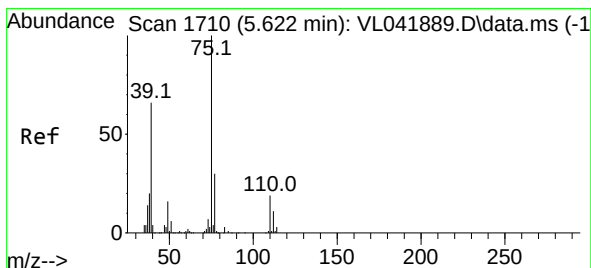
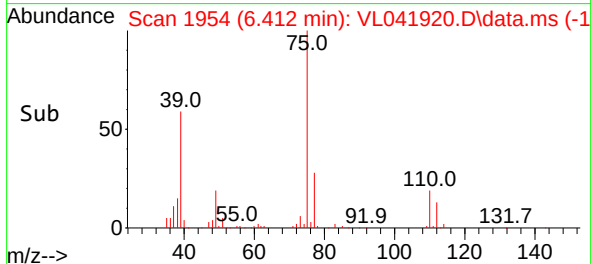
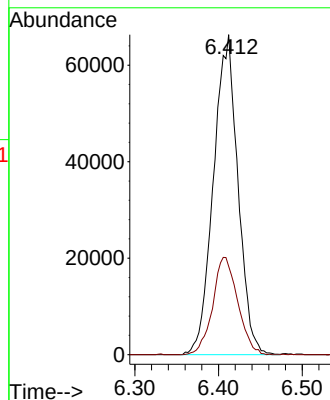
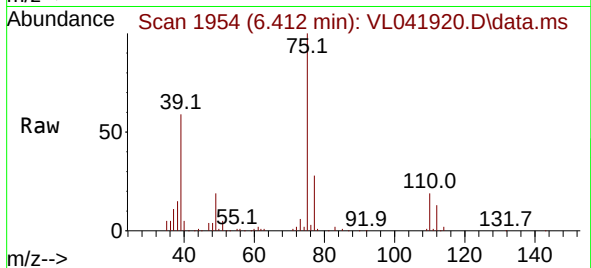




#45
 t-1,3-Dichloropropene
 Concen: 10.916 ppbv
 RT: 6.412 min Scan# 1961
 Delta R.T. -0.023 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

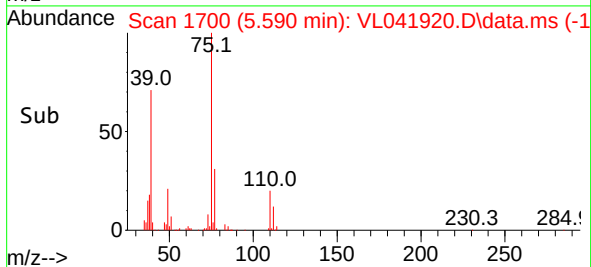
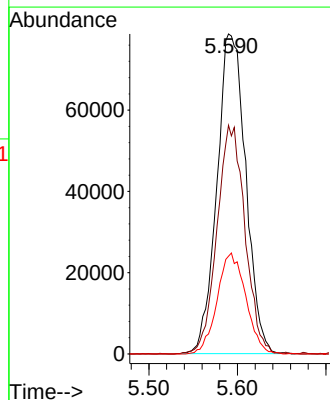
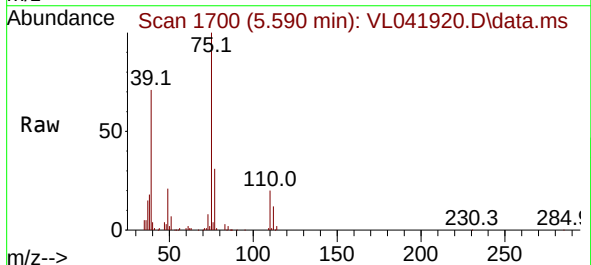
Instrument :
 MSVOA_1
 ClientSampleId :

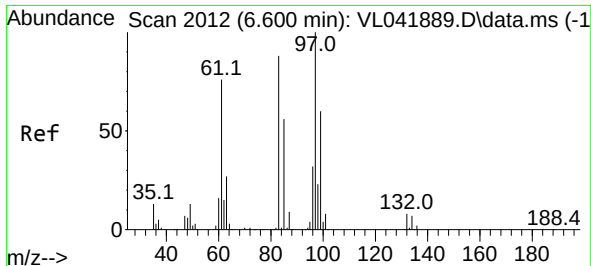
Tgt Ion: 75 Resp: 134773
 Ion Ratio Lower Upper
 75 100
 77 27.6 24.3 36.5



#46
 cis-1,3-Dichloropropene
 Concen: 10.984 ppbv
 RT: 5.590 min Scan# 1700
 Delta R.T. -0.032 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion: 75 Resp: 178041
 Ion Ratio Lower Upper
 75 100
 39 71.4 53.1 79.7
 77 30.6 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 10.855 ppbv

RT: 6.577 min Scan# 20

Delta R.T. -0.023 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 143288

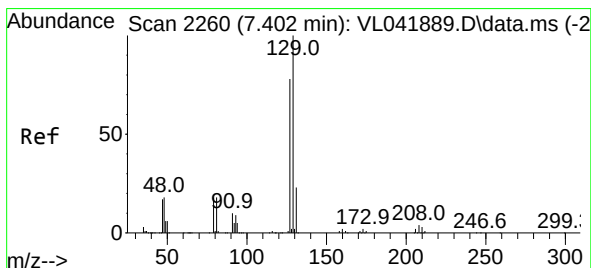
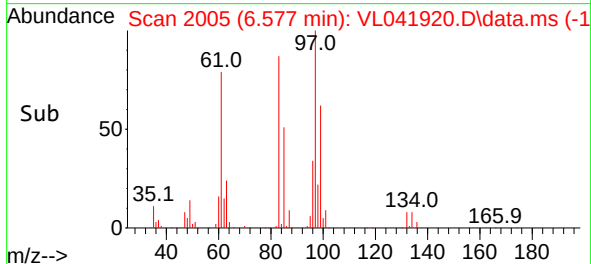
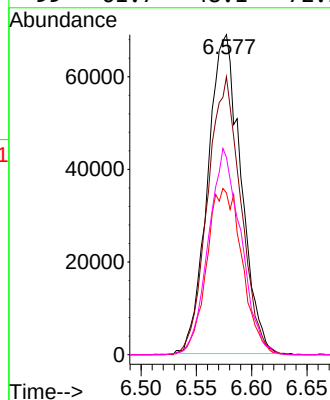
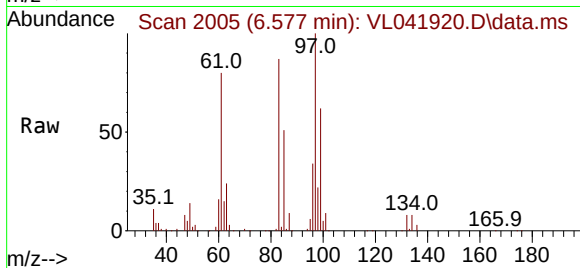
Ion Ratio Lower Upper

97 100

83 86.7 70.4 105.6

85 50.4 45.0 67.4

99 61.7 48.1 72.1



#48

Dibromochloromethane

Concen: 11.751 ppbv

RT: 7.380 min Scan# 2253

Delta R.T. -0.023 min

Lab File: VL041920.D

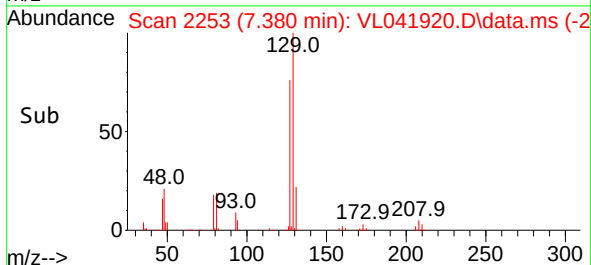
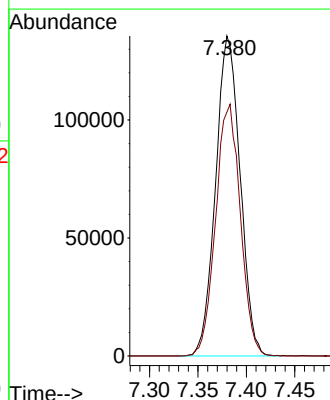
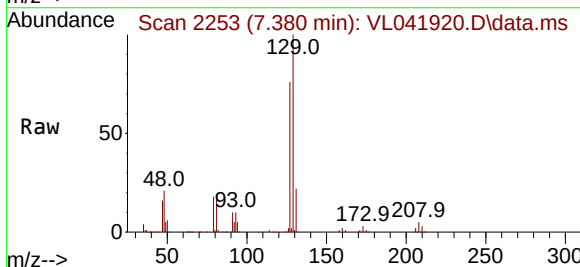
Acq: 20 Jan 2025 14:49

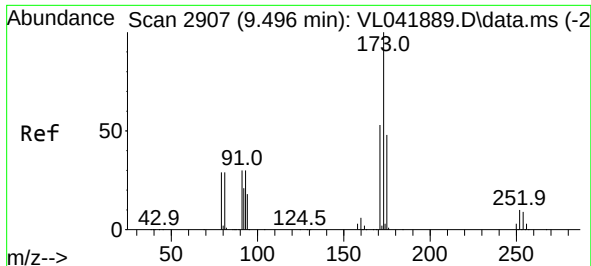
Tgt Ion: 129 Resp: 239335

Ion Ratio Lower Upper

129 100

127 79.2 39.3 117.8





#49

Bromoform

Concen: 12.076 ppbv

RT: 9.477 min Scan# 2907

Delta R.T. -0.019 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

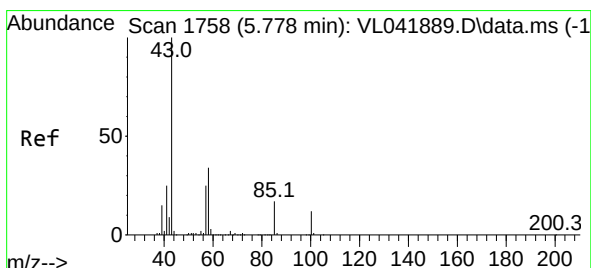
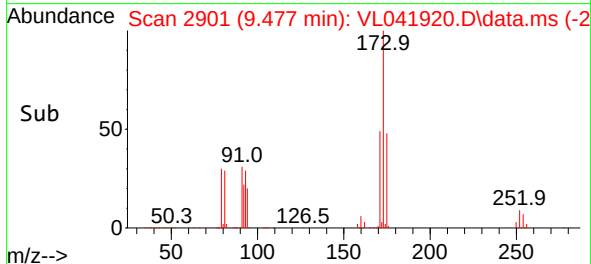
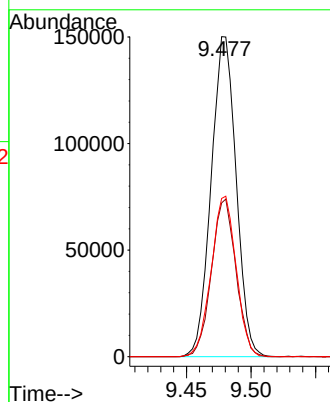
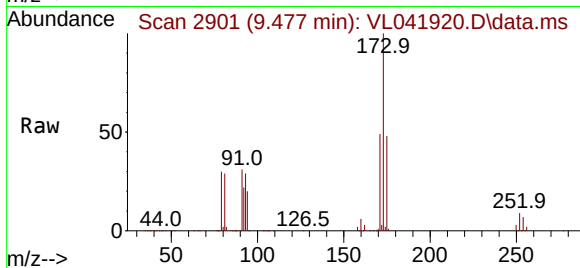
Tgt Ion:173 Resp: 202023

Ion Ratio Lower Upper

173 100

175 48.3 38.4 57.6

171 50.0 41.4 62.2



#50

4-Methyl-2-Pentanone

Concen: 5.138 ppbv

RT: 5.745 min Scan# 1748

Delta R.T. -0.032 min

Lab File: VL041920.D

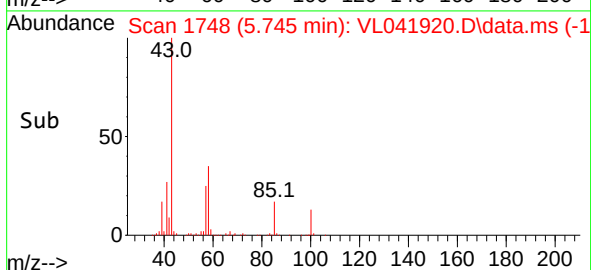
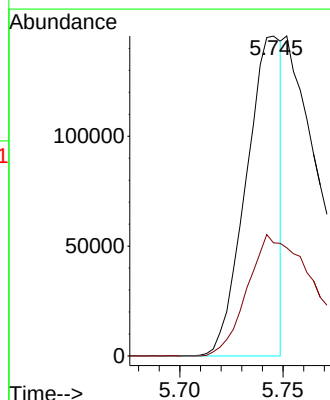
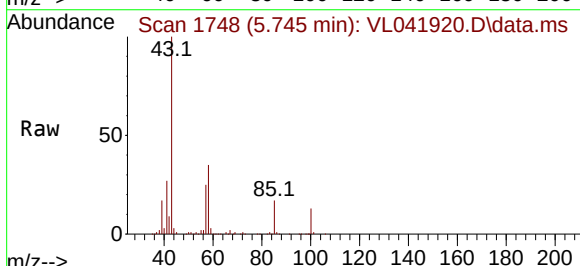
Acq: 20 Jan 2025 14:49

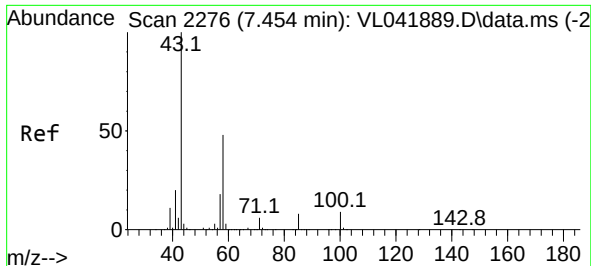
Tgt Ion: 43 Resp: 172668

Ion Ratio Lower Upper

43 100

58 75.5 29.0 43.6#

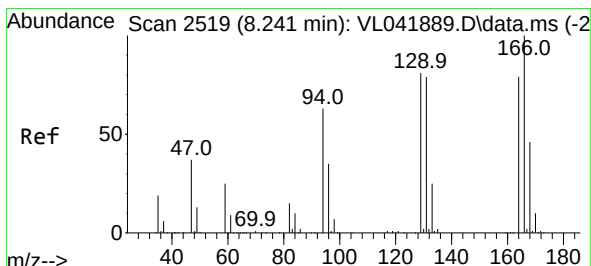
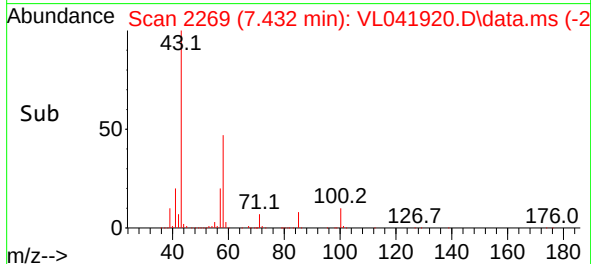
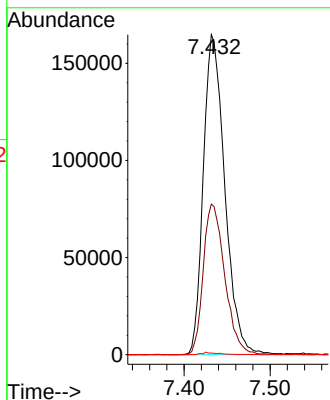
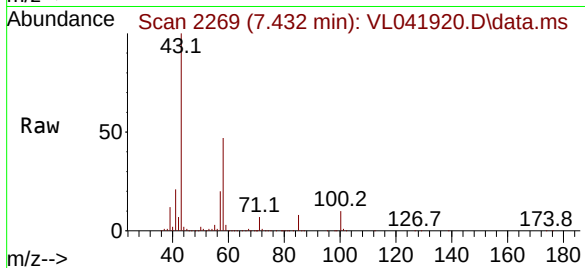




#51
2-Hexanone
Concen: 11.075 ppbv
RT: 7.432 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

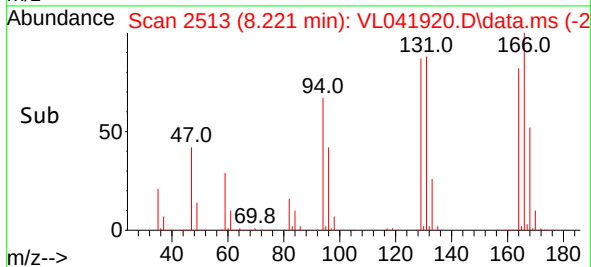
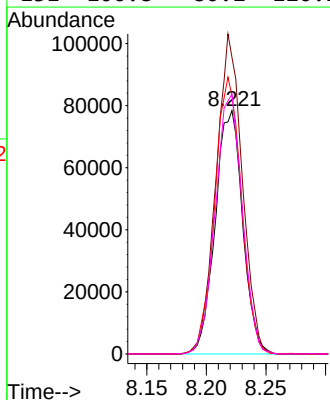
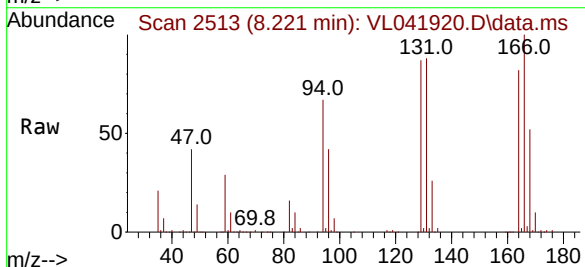
Instrument :
MSVOA_L
ClientSampleId :

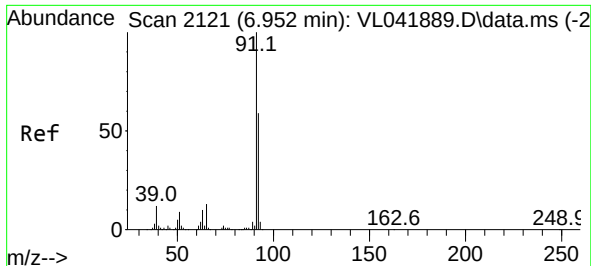
Tgt Ion: 43 Resp: 285982
Ion Ratio Lower Upper
43 100
58 47.2 40.4 60.6
98 0.6 0.2 0.2#



#52
Tetrachloroethene
Concen: 10.172 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 164 Resp: 125228
Ion Ratio Lower Upper
164 100
166 121.9 100.8 151.2
129 106.1 82.0 123.0
131 106.8 80.2 120.2

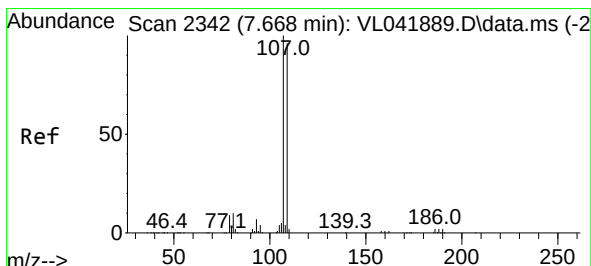
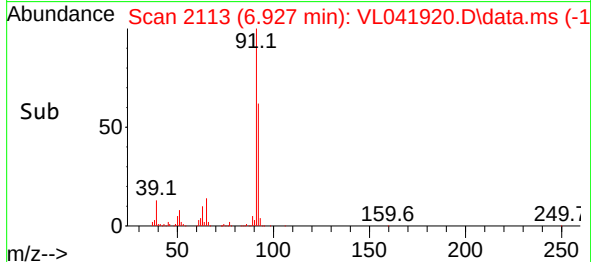
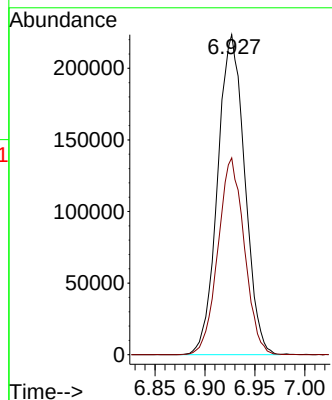
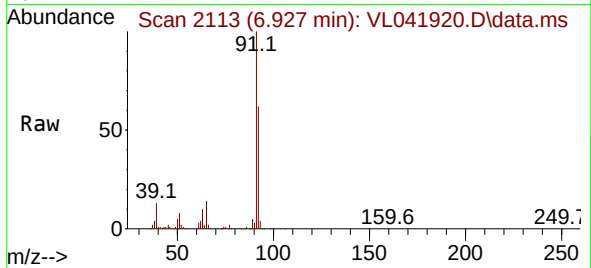




#53
Toluene
Concen: 10.923 ppbv
RT: 6.927 min Scan# 2121
Delta R.T. -0.026 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

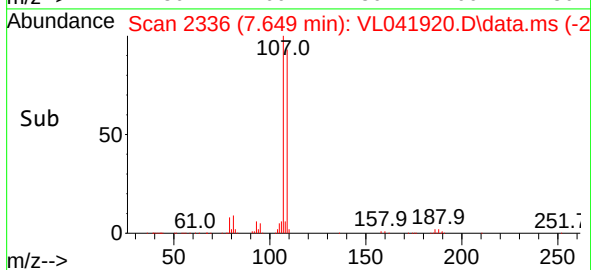
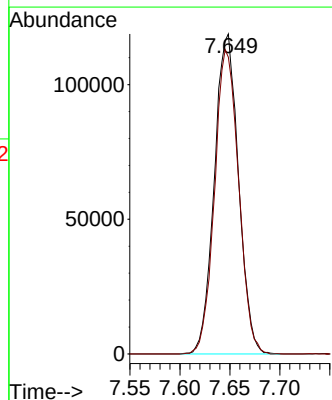
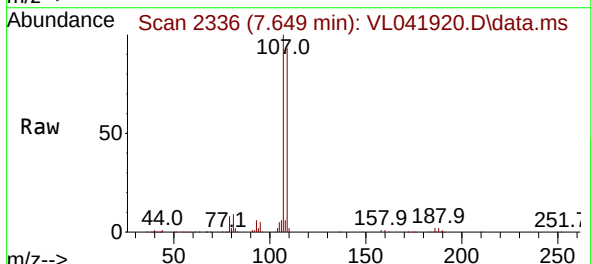
Instrument :
MSVOA_L
ClientSampleId :

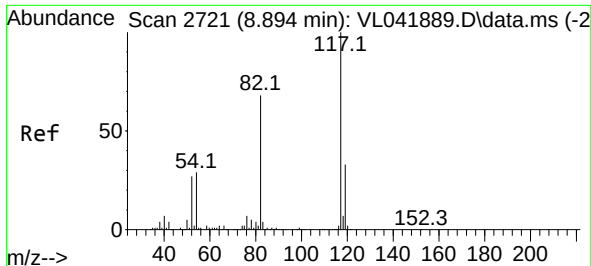
Tgt Ion: 91 Resp: 422420
Ion Ratio Lower Upper
91 100
92 59.6 47.4 71.0



#54
1,2-Dibromoethane
Concen: 11.005 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

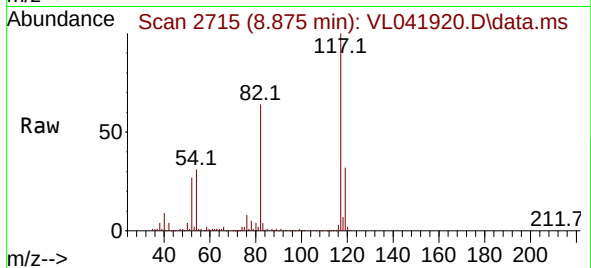
Tgt Ion: 107 Resp: 199693
Ion Ratio Lower Upper
107 100
109 92.8 76.7 115.1



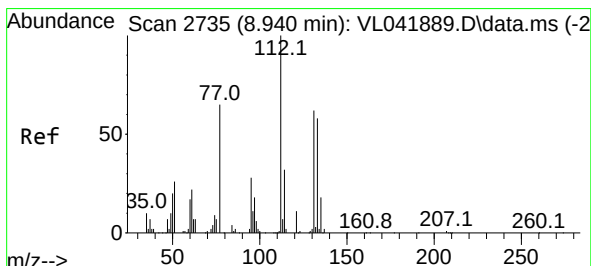
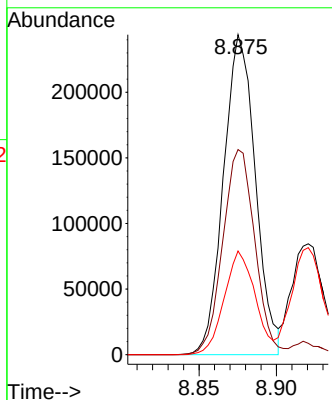
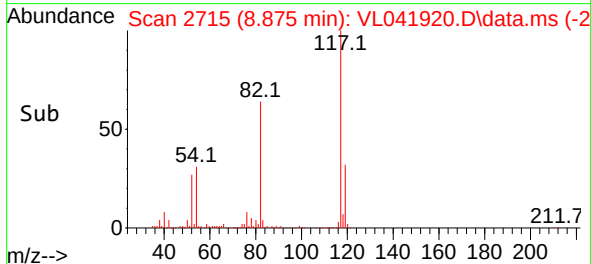


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

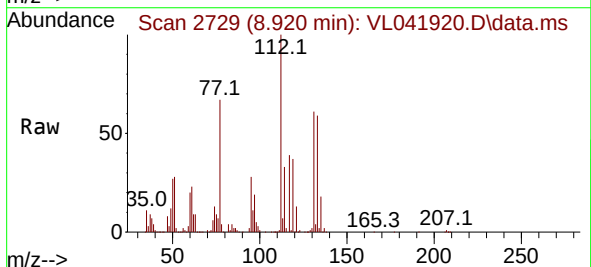
Instrument :
MSVOA_L
ClientSampleId :



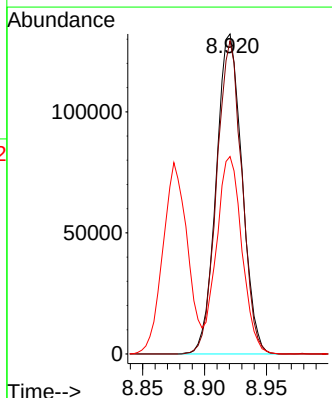
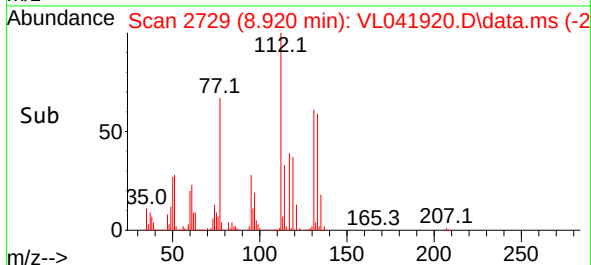
Tgt Ion:117 Resp: 349589
Ion Ratio Lower Upper
117 100
82 67.9 54.2 81.4
119 32.2 25.0 37.6

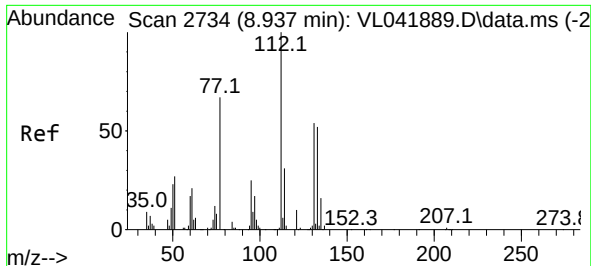


#56
1,1,1,2-Tetrachloroethane
Concen: 11.008 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49



Tgt Ion:131 Resp: 192001
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 60.7 49.7 74.5

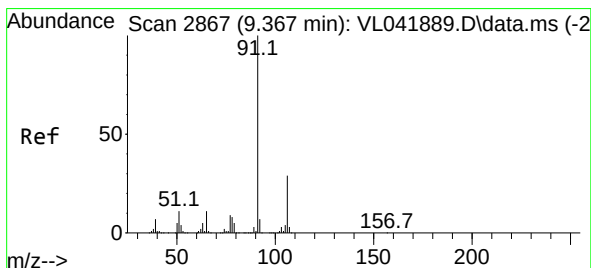
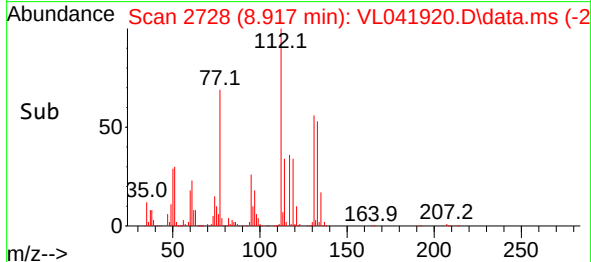
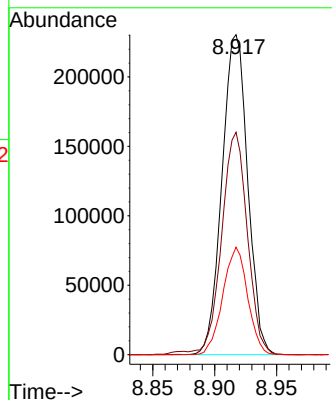
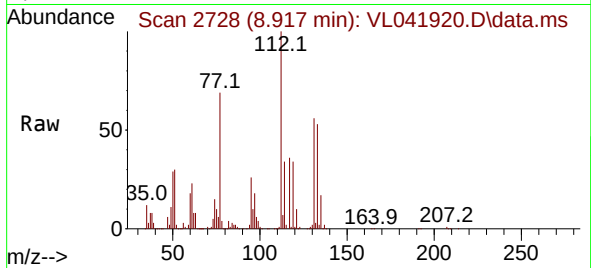




#57
Chlorobenzene
Concen: 10.342 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

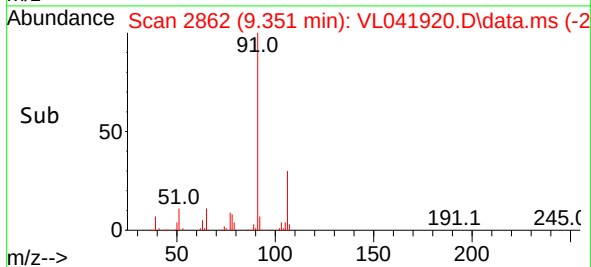
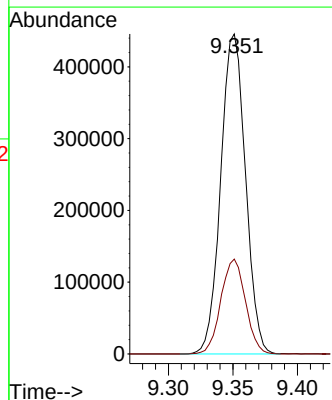
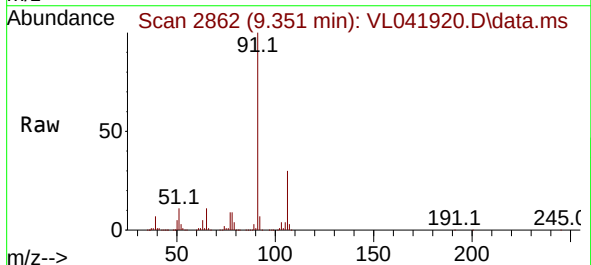
Instrument :
MSVOA_L
ClientSampleId :

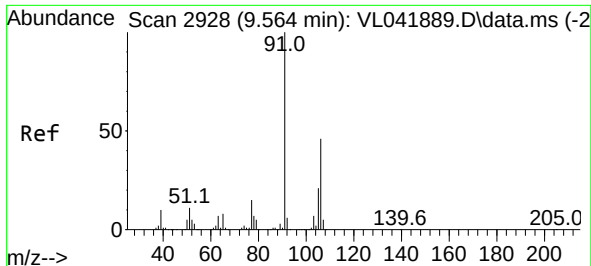
Tgt Ion:112 Resp: 333484
Ion Ratio Lower Upper
112 100
77 69.3 54.6 82.0
114 33.5 28.2 34.4



#58
Ethyl Benzene
Concen: 10.876 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 91 Resp: 594180
Ion Ratio Lower Upper
91 100
106 29.6 23.1 34.7





#59

m/p-Xylene

Concen: 11.172 ppbv

RT: 9.548 min Scan# 29

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

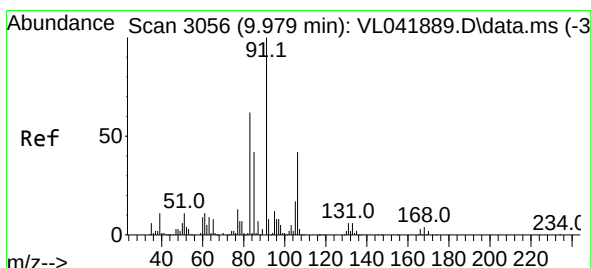
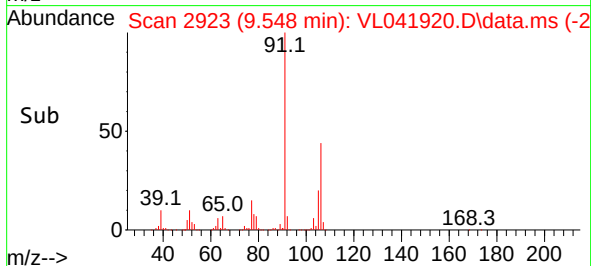
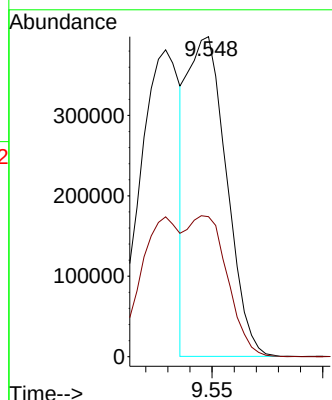
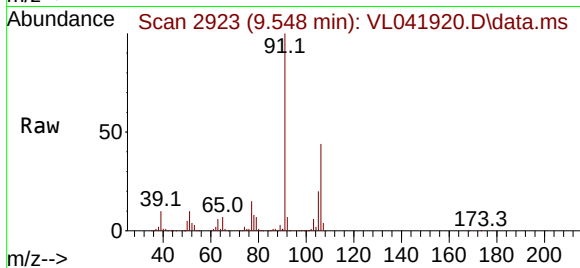
ClientSampleId :

Tgt Ion: 91 Resp: 489230

Ion Ratio Lower Upper

91 100

106 89.6 36.0 54.0#



#60

o-Xylene

Concen: 11.155 ppbv

RT: 9.959 min Scan# 3050

Delta R.T. -0.019 min

Lab File: VL041920.D

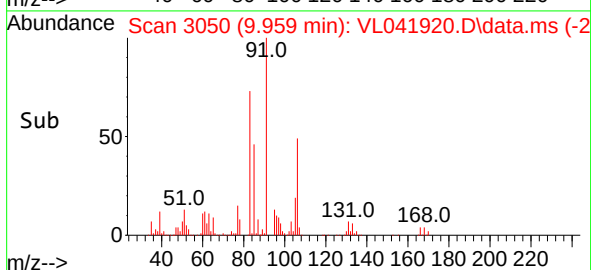
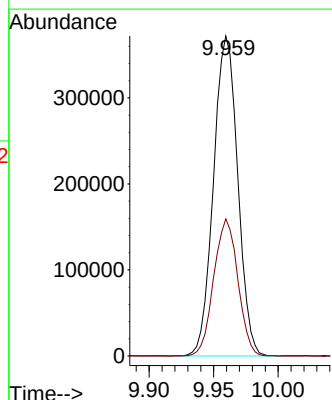
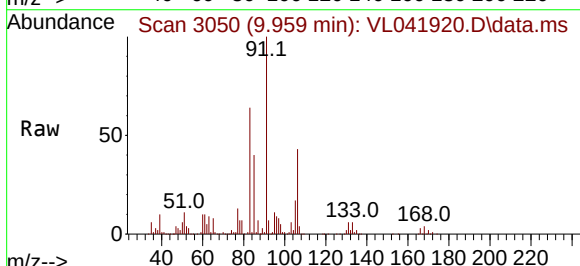
Acq: 20 Jan 2025 14:49

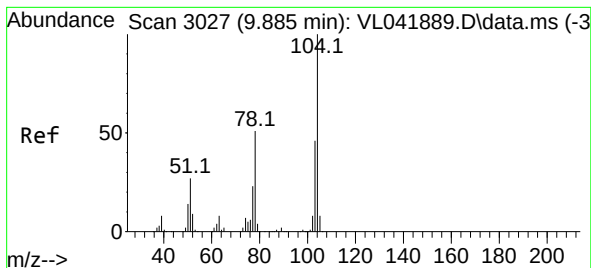
Tgt Ion: 91 Resp: 484897

Ion Ratio Lower Upper

91 100

106 42.6 21.3 63.9





#61

Styrene

Concen: 11.180 ppbv

RT: 9.866 min Scan# 3027

Delta R.T. -0.019 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

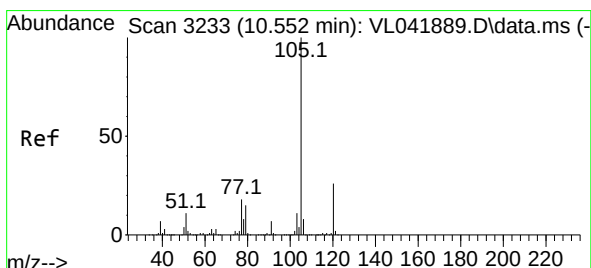
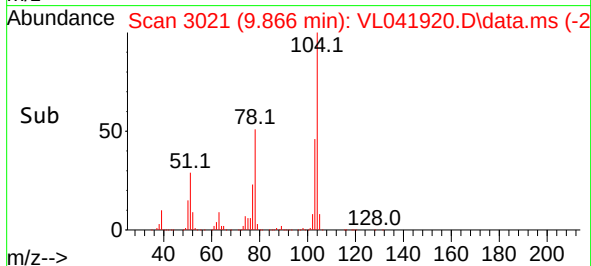
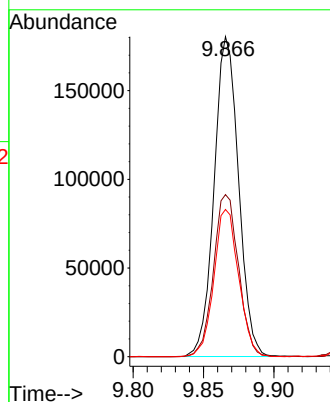
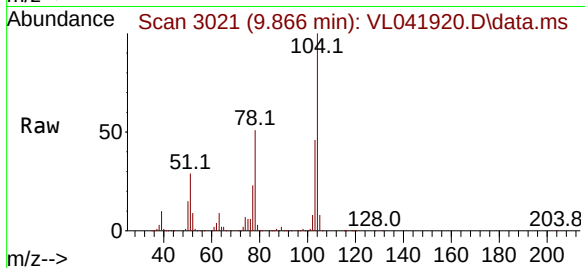
Tgt Ion:104 Resp: 217994

Ion Ratio Lower Upper

104 100

78 52.0 41.0 61.6

103 46.8 37.2 55.8



#62

Isopropylbenzene

Concen: 10.900 ppbv

RT: 10.536 min Scan# 3228

Delta R.T. -0.016 min

Lab File: VL041920.D

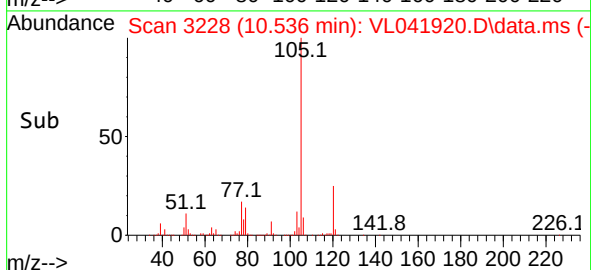
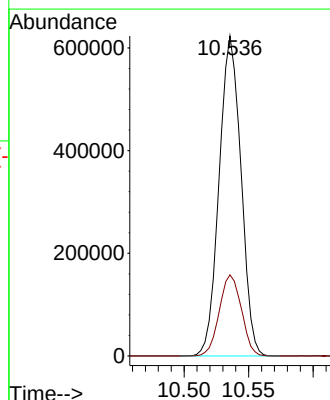
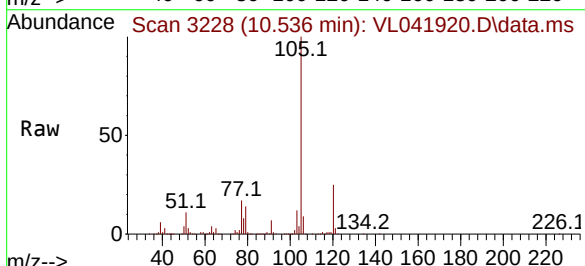
Acq: 20 Jan 2025 14:49

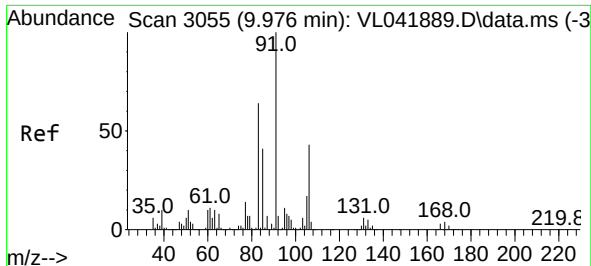
Tgt Ion:105 Resp: 733114

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

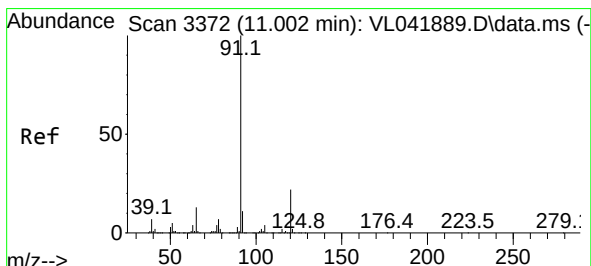
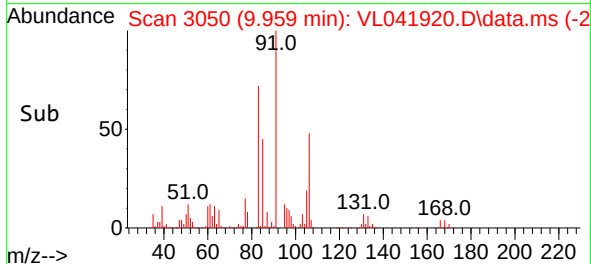
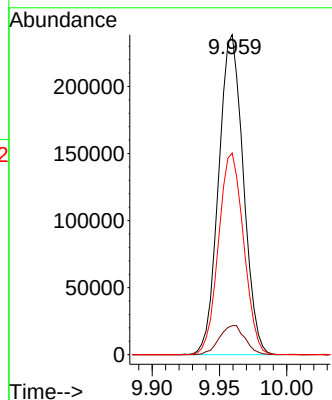
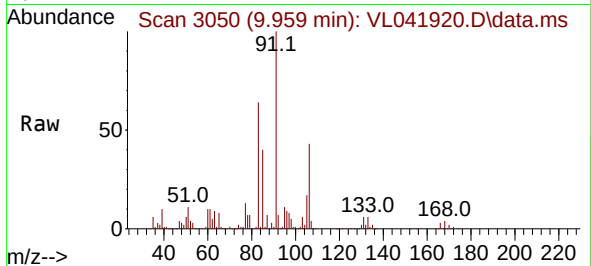




#63
1,1,2,2-Tetrachloroethane
Concen: 10.951 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

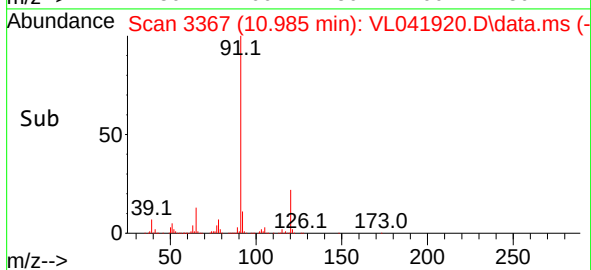
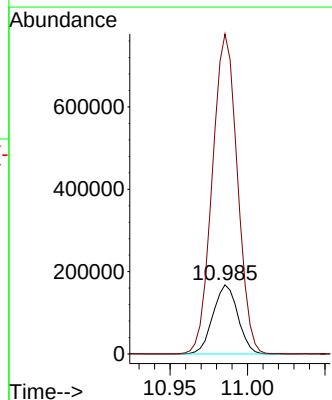
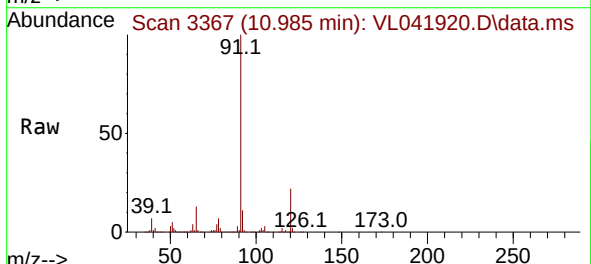
Instrument :
MSVOA_L
ClientSampleId :

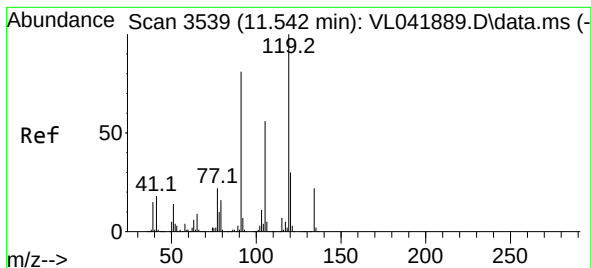
Tgt Ion: 83 Resp: 304162
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.1 32.4 97.2



#64
n-propylbenzene
Concen: 11.014 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion:120 Resp: 187191
Ion Ratio Lower Upper
120 100
91 468.8 374.1 561.1

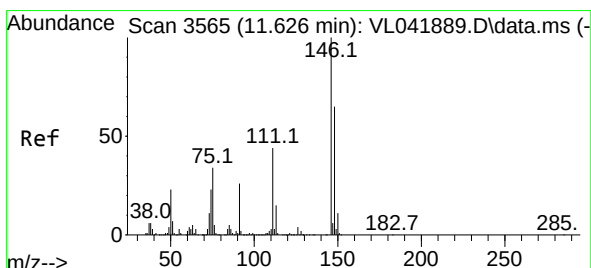
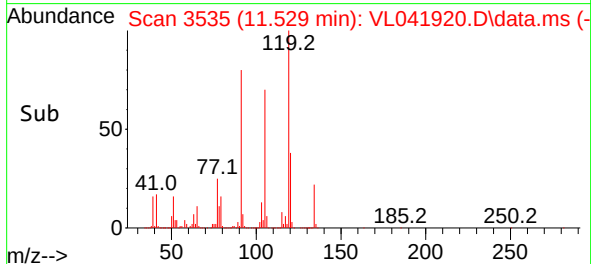
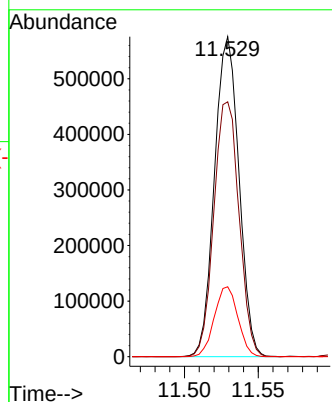
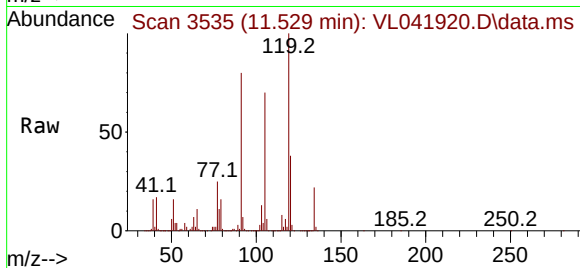




#65
tert-Butylbenzene
Concen: 10.846 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

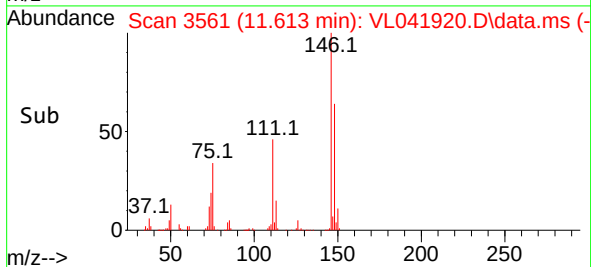
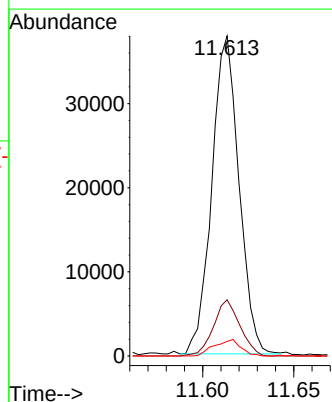
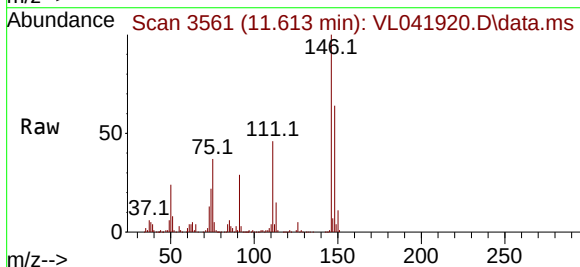
Instrument :
MSVOA_L
ClientSampleId :

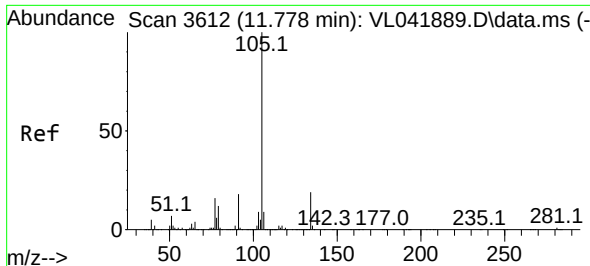
Tgt Ion:119 Resp: 664818
Ion Ratio Lower Upper
119 100
91 81.9 64.6 97.0
134 21.1 16.8 25.2



#66
Benzyl Chloride
Concen: 10.309 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion: 91 Resp: 39111
Ion Ratio Lower Upper
91 100
126 17.1 14.1 21.1
128 5.1 4.3 6.5

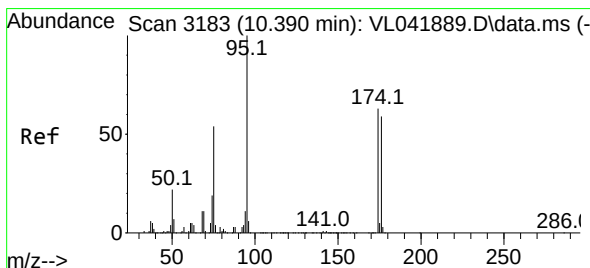
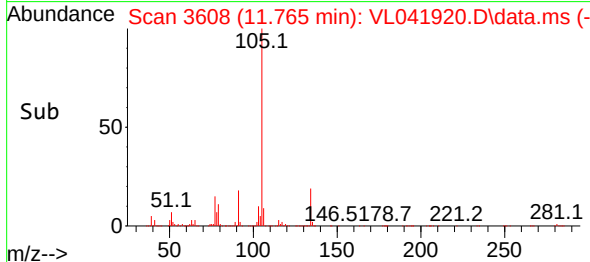
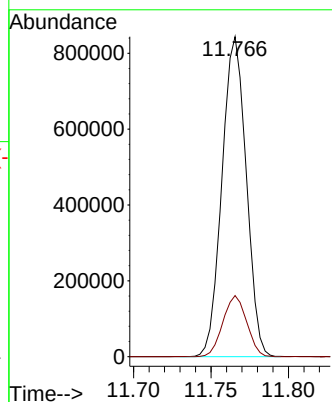
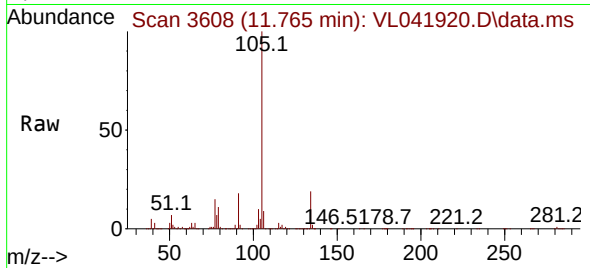




#67
 sec-Butylbenzene
 Concen: 10.900 ppbv
 RT: 11.765 min Scan# 3178
 Delta R.T. -0.013 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

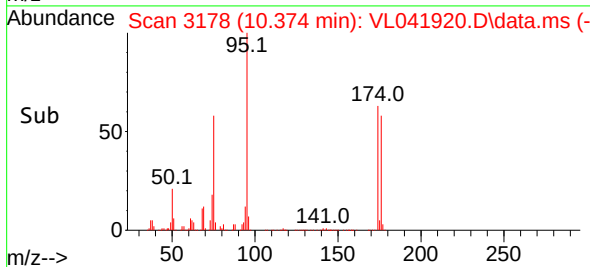
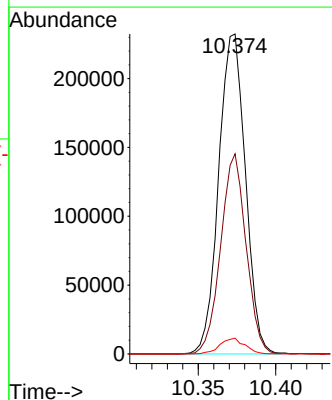
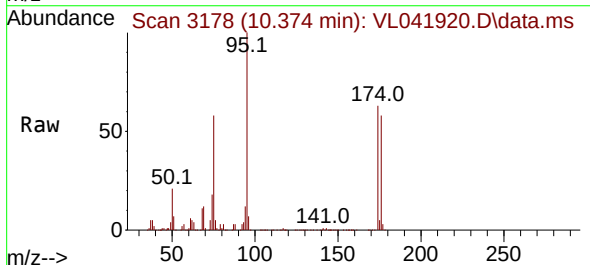
Instrument :
 MSVOA_L
 ClientSampleId :

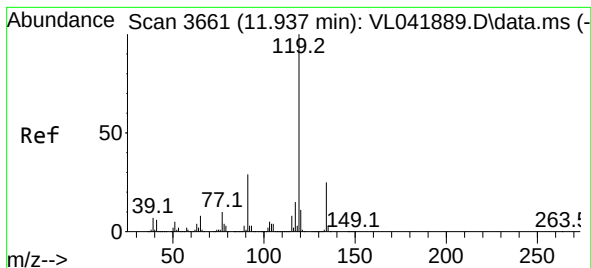
Tgt Ion:105 Resp: 919962
 Ion Ratio Lower Upper
 105 100
 134 18.8 15.1 22.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.122 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. -0.016 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion: 95 Resp: 278711
 Ion Ratio Lower Upper
 95 100
 174 59.5 49.0 73.4
 175 4.6 3.8 5.8



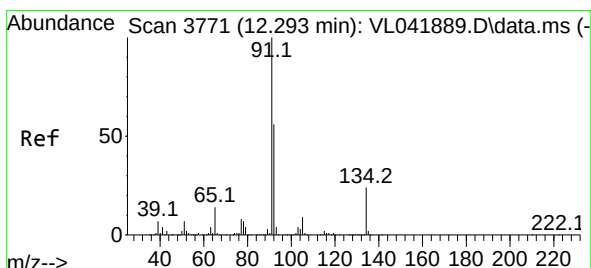
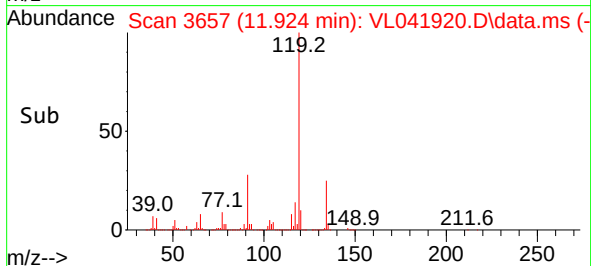
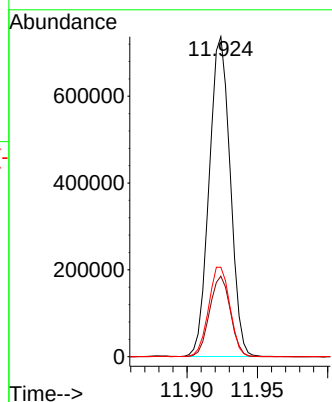
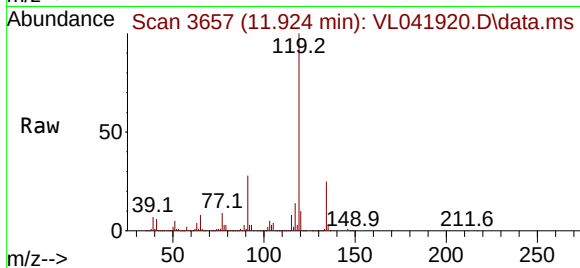


#69
 p-Isopropyltoluene
 Concen: 11.017 ppbv
 RT: 11.924 min Scan# 3657
 Delta R.T. -0.013 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion:119 Resp: 765677

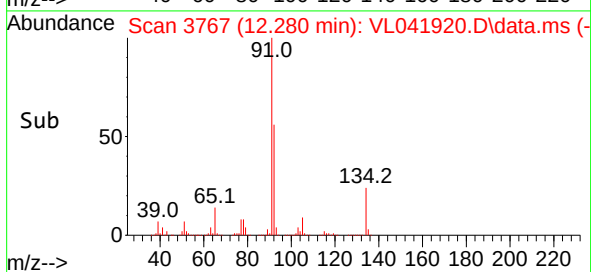
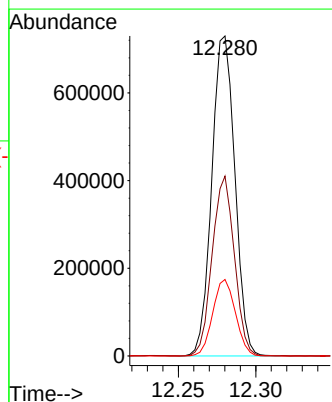
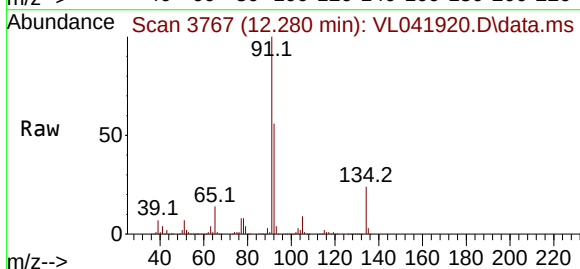
Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.8	29.6
91	28.5	23.0	34.4

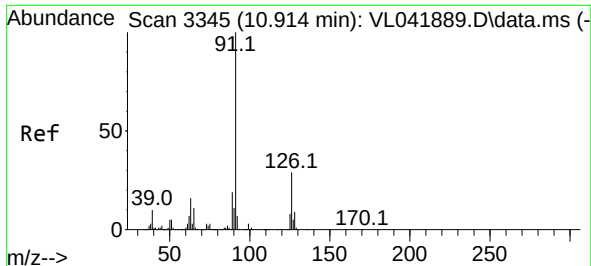


#70
 n-Butylbenzene
 Concen: 10.981 ppbv
 RT: 12.280 min Scan# 3767
 Delta R.T. -0.013 min
 Lab File: VL041920.D
 Acq: 20 Jan 2025 14:49

Tgt Ion: 91 Resp: 756926

Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.6
134	23.5	19.0	28.6

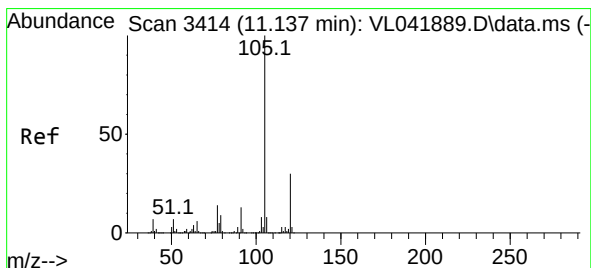
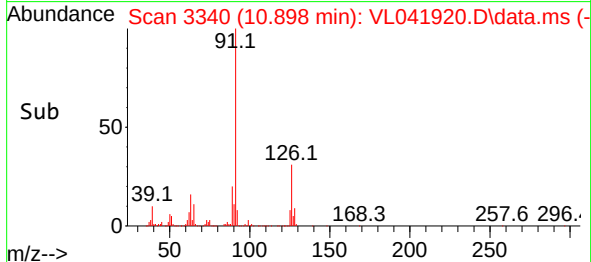
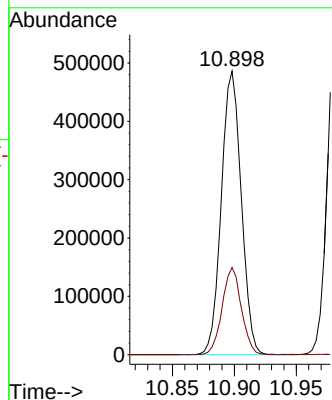
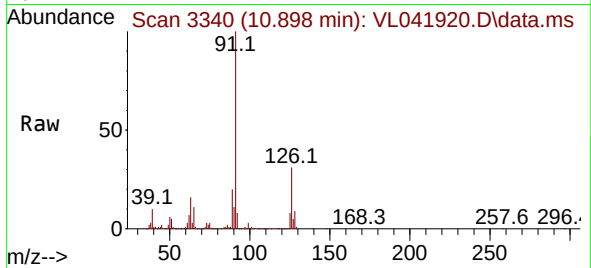




#71
2-Chlorotoluene
Concen: 10.953 ppbv
RT: 10.898 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

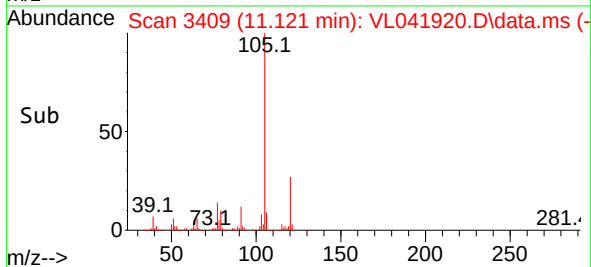
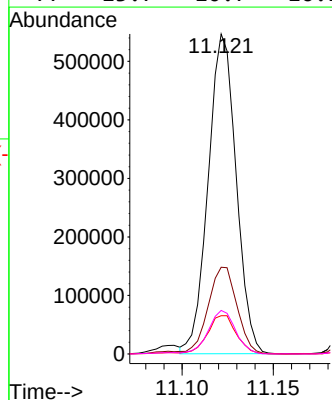
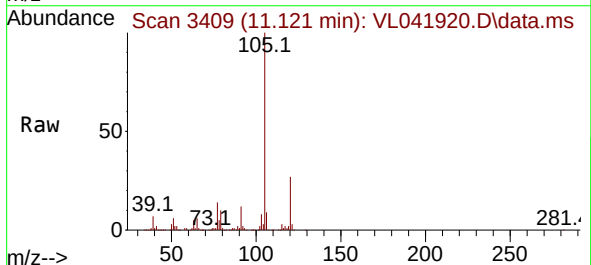
Instrument :
MSVOA_L
ClientSampleId :

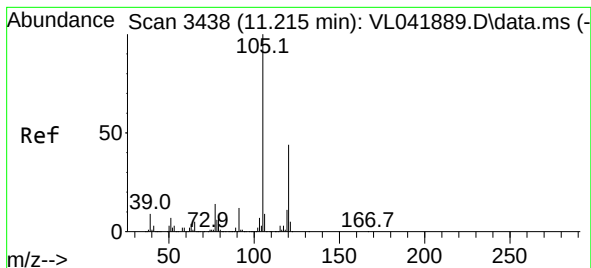
Tgt Ion: 91 Resp: 544953
Ion Ratio Lower Upper
91 100
126 29.6 11.7 46.7



#72
4-Ethyltoluene
Concen: 11.230 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.016 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion:105 Resp: 583898
Ion Ratio Lower Upper
105 100
120 28.8 23.7 35.5
91 12.8 10.2 15.2
77 13.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 11.122 ppbv

RT: 11.199 min Scan# 3438

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

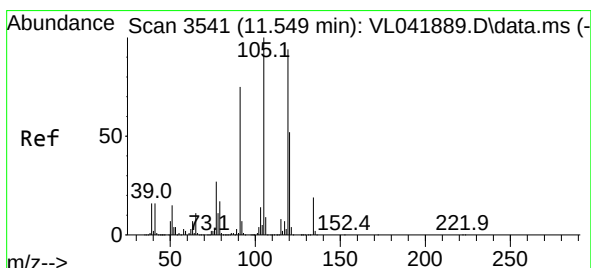
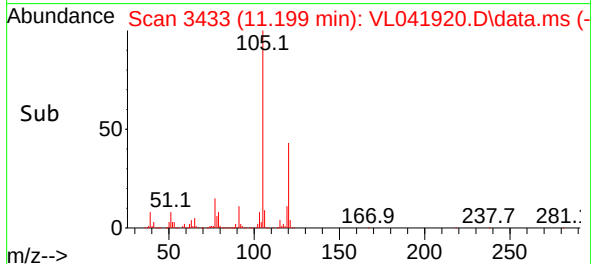
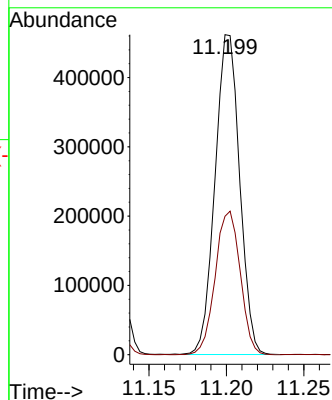
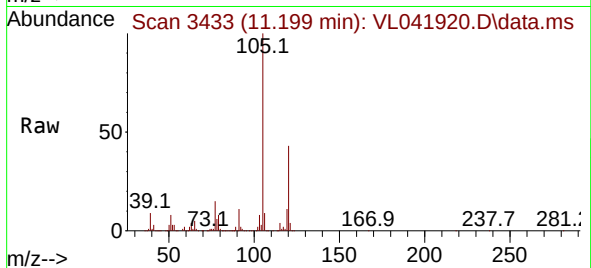
ClientSampleId :

Tgt Ion:105 Resp: 510670

Ion Ratio Lower Upper

105 100

120 43.2 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 11.066 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.013 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Tgt Ion:105 Resp: 550233

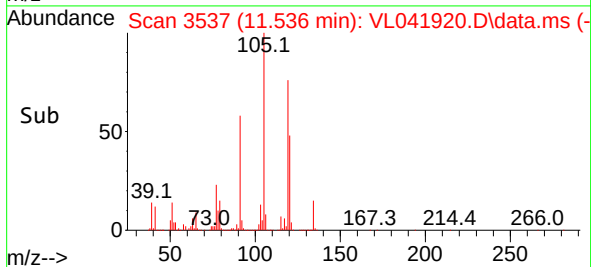
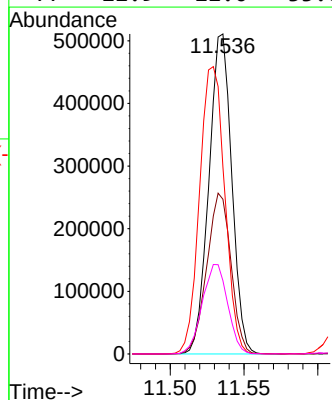
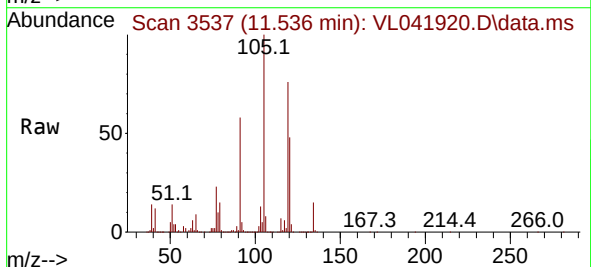
Ion Ratio Lower Upper

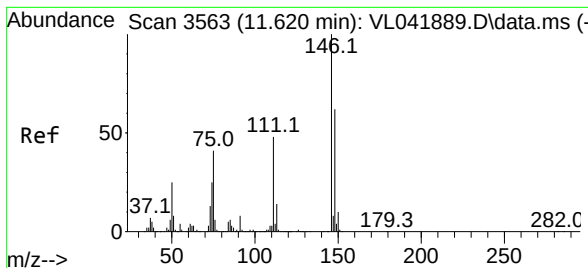
105 100

120 48.4 41.4 62.2

91 58.4 60.2 90.2#

77 22.9 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 10.666 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

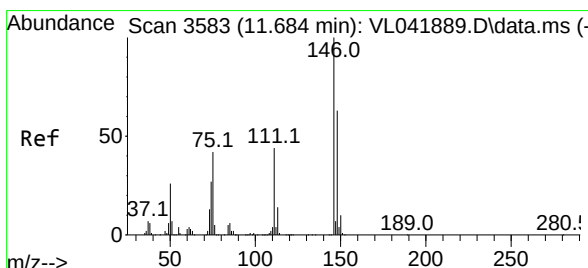
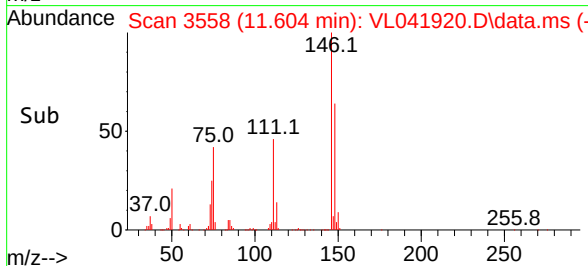
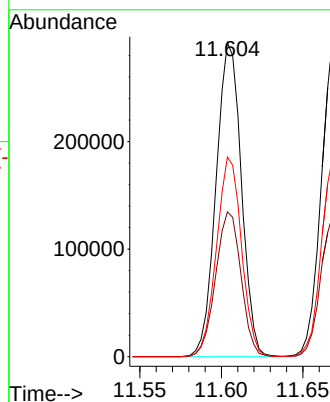
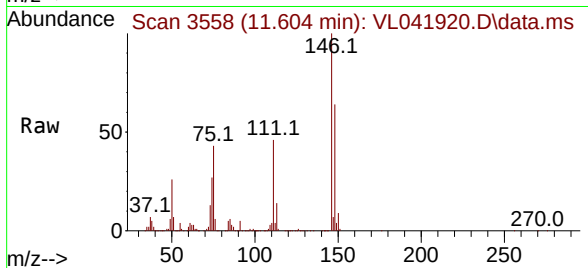
Tgt Ion:146 Resp: 314285

Ion Ratio Lower Upper

146 100

111 46.4 23.6 70.8

148 63.0 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 10.659 ppbv

RT: 11.668 min Scan# 3578

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

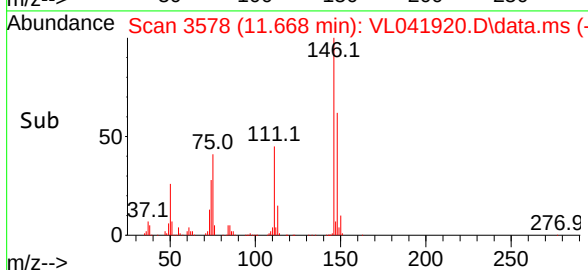
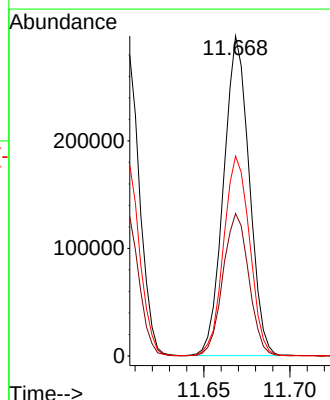
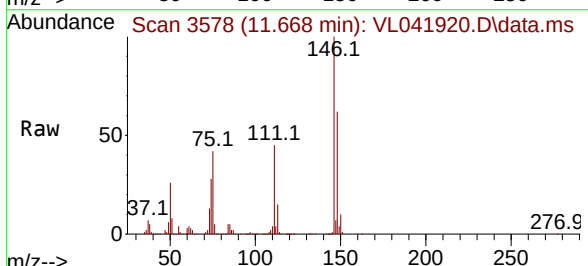
Tgt Ion:146 Resp: 307295

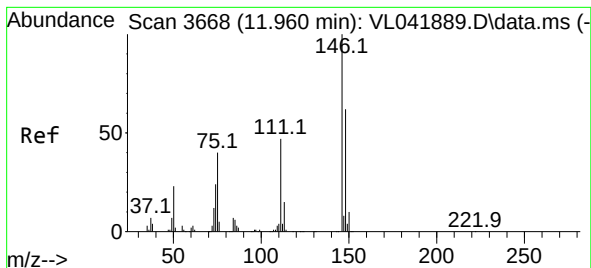
Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.0

148 64.0 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 10.563 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. -0.016 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :

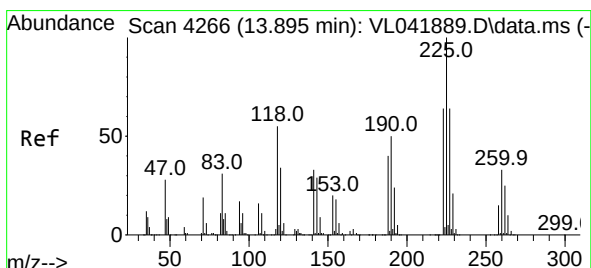
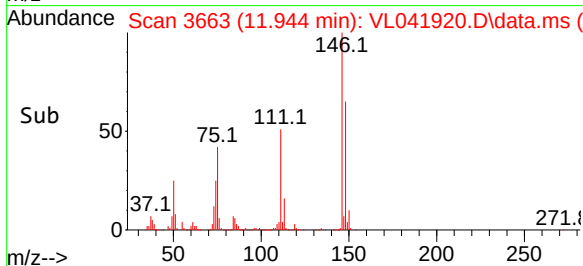
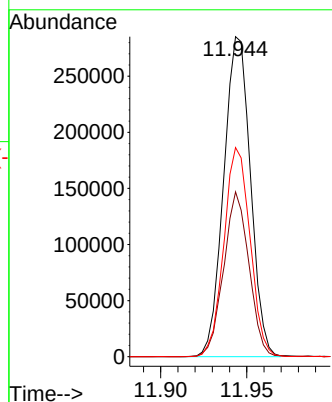
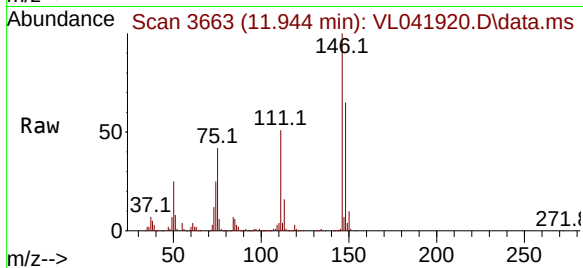
Tgt Ion:146 Resp: 308471

Ion Ratio Lower Upper

146 100

111 48.7 24.2 72.6

148 64.1 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 9.471 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. -0.013 min

Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

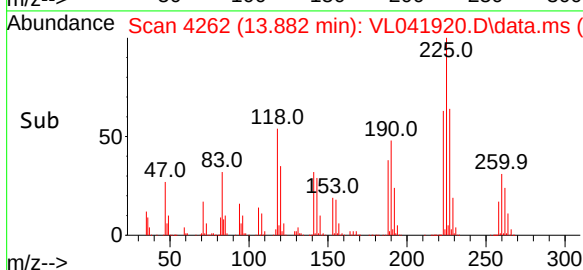
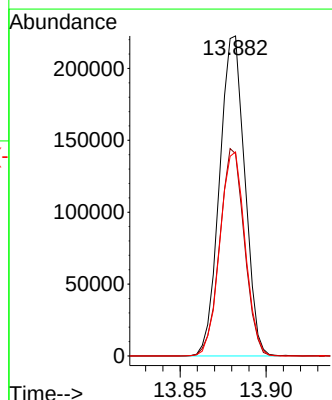
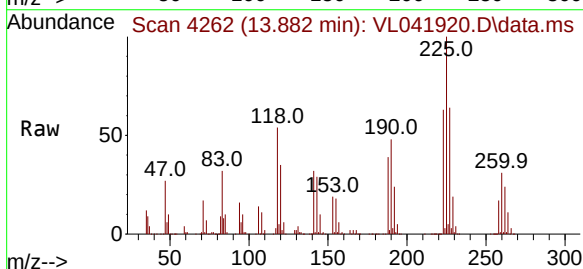
Tgt Ion:225 Resp: 227006

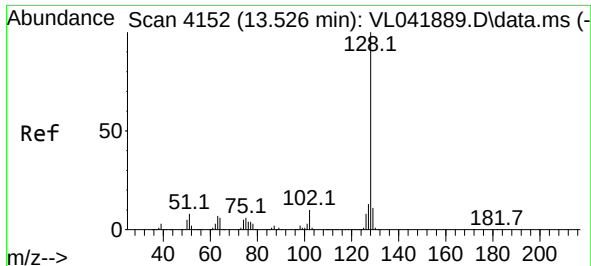
Ion Ratio Lower Upper

225 100

223 63.4 50.8 76.2

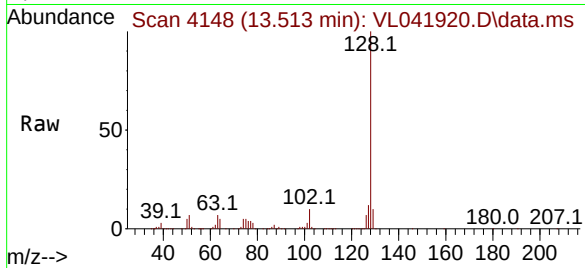
227 63.6 50.3 75.5



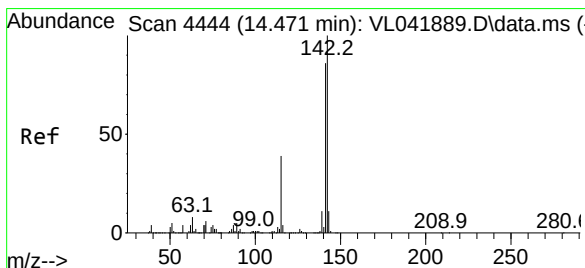
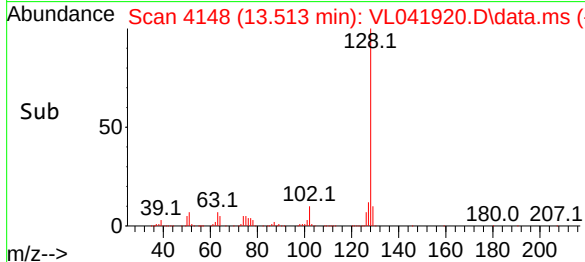
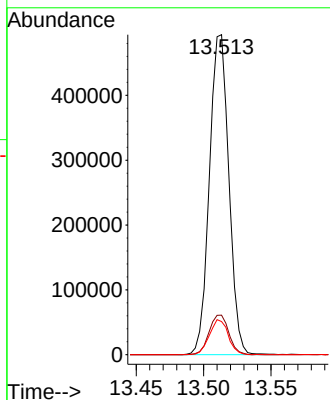


#79
Naphthalene
Concen: 9.890 ppbv
RT: 13.513 min Scan# 4152
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Instrument :
MSVOA_L
ClientSampleId :

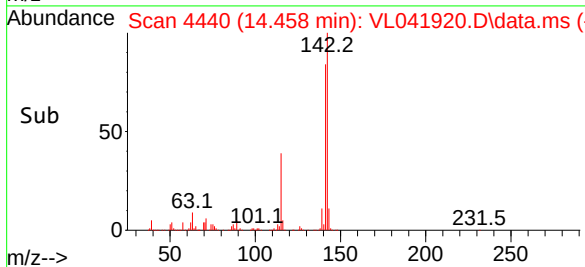
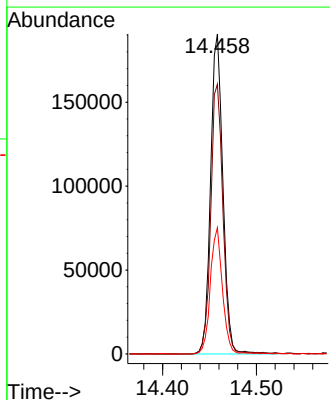
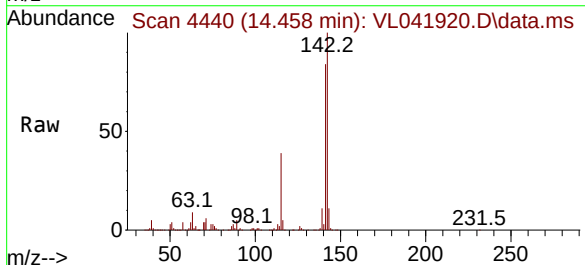


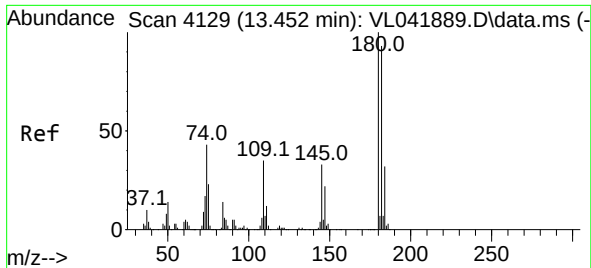
Tgt Ion:128 Resp: 495170
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.4 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 7.293 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.013 min
Lab File: VL041920.D
Acq: 20 Jan 2025 14:49

Tgt Ion:142 Resp: 173122
Ion Ratio Lower Upper
142 100
141 84.4 68.1 102.1
115 39.3 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 9.308 ppbv

RT: 13.439 min Scan# 41

Delta R.T. -0.013 min

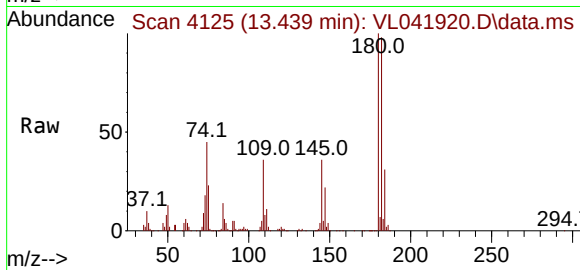
Lab File: VL041920.D

Acq: 20 Jan 2025 14:49

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 227472

Ion Ratio Lower Upper

180 100

182 95.3 77.0 115.6

184 29.9 24.9 37.3

