

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040559.D
 Acq On : 27 Jul 2023 3:27
 Operator : SY/MD
 Sample : 03572-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 04:46:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	995484	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2479270	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2163627	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1821653	10.638	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	107534	0.540	ppbv	98
3) Chlorodifluoromethane	2.658	51	82935	0.526	ppbv	100
4) Chloromethane	2.799	50	30349	0.486	ppbv	96
5) Vinyl Chloride	2.909	62	13110	0.200	ppbv #	88
6) Bromomethane	3.102	94	15033	0.543	ppbv	95
7) Chloroethane	3.182	64	11886	0.516	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	84499	0.516	ppbv	96
9) Propene	2.677	41	23547	0.436	ppbv	96
10) Heptane	7.571	43	40712	0.341	ppbv	92
11) Trichlorofluoromethane	3.545	101	94573	0.589	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.053	101	64824	0.573	ppbv	100
13) Ethanol	3.250	45	3646	0.310	ppbv #	37
14) Bromoethene	3.352	108	24695	0.508	ppbv #	94
15) Acetone	3.471	43	77185	0.674	ppbv	96
16) 1,3-Butadiene	2.970	39	23794	0.412	ppbv	83
17) tert-Butyl alcohol	3.877	59	25536	0.215	ppbv #	50
18) 1,1-Dichloroethene	3.867	96	27423	0.527	ppbv #	94
19) Isopropyl Alcohol	3.578	45	29694	0.451	ppbv #	77
20) Methylene Chloride	3.918	84	30185	0.619	ppbv #	94
21) Allyl Chloride	3.986	41	28562	0.436	ppbv #	73
22) trans-1,2-Dichloroethene	4.433	96	24457	0.477	ppbv	92
23) Vinyl Acetate	4.619	43	26391	0.242	ppbv #	89
24) 1,1-Dichloroethane	4.545	63	59322	0.535	ppbv	97
25) Ethyl Acetate	5.201	43	92437	0.424	ppbv	98
26) Hexane	5.198	57	38515	0.380	ppbv #	71
27) Carbon Disulfide	4.111	76	54818	0.460	ppbv #	90
28) Methyl tert-Butyl Ether	4.581	73	38172	0.468	ppbv	92
29) Chloroform	5.259	83	87625	0.521	ppbv	90
30) Cyclohexane	6.593	84	25423	0.301	ppbv #	76
31) cis-1,2-Dichloroethene	5.063	61	20554	0.205	ppbv	92
32) 1,1,1-Trichloroethane	5.992	97	81036	0.493	ppbv	98
34) 2-Butanone	4.790	43	54930	0.448	ppbv	98
35) Carbon Tetrachloride	6.478	117	47304	0.317	ppbv	87
36) Benzene	6.356	78	79132	0.397	ppbv #	89
37) 1,2-Dichloroethane	5.799	62	27383	0.233	ppbv #	75
38) Trichloroethene	7.275	130	13999	0.186	ppbv #	85
39) 1,2-Dichloropropane	7.057	63	34680	0.452	ppbv #	84
40) 1,4-Dioxane	7.298	88	743	0.031	ppbv #	13
42) Bromodichloromethane	7.237	83	76196	0.467	ppbv	89
43) Methyl Methacrylate	7.471	69	21147	0.283	ppbv	82
44) 2,2,4-Trimethylpentane	7.317	57	74109	0.231	ppbv #	41
45) t-1,3-Dichloropropene	8.700	75	13551	0.283	ppbv #	87
46) cis-1,3-Dichloropropene	8.134	75	18152	0.295	ppbv #	93

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 QLast Update : Thu Jul 27 04:45:44 2023
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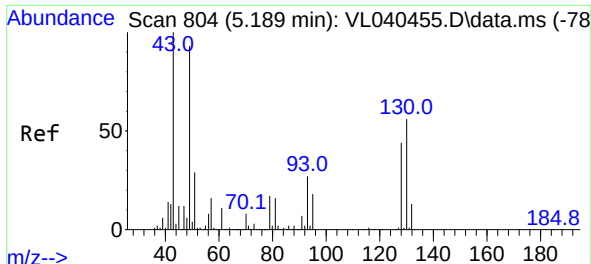
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	8.883	97	16621	0.196	ppbv	89
48) Dibromochloromethane	9.696	129	33687	0.257	ppbv #	10
49) Bromoform	12.397	173	23052	0.222	ppbv #	50
50) 4-Methyl-2-Pentanone	8.188	43	26281	0.148	ppbv #	37
51) 2-Hexanone	9.568	43	22313	0.177	ppbv #	76
52) Tetrachloroethene	10.606	164	17528	0.271	ppbv	85
53) Toluene	9.214	91	61696	0.285	ppbv	92
54) 1,2-Dibromoethane	10.002	107	44801	0.425	ppbv	87
56) 1,1,1,2-Tetrachloroethane	11.497	131	46485	0.480	ppbv #	1
57) Chlorobenzene	11.516	112	81197	0.481	ppbv	93
59) m/p-Xylene	12.365	91	87970	0.363	ppbv #	41
60) o-Xylene	13.053	91	56760	0.246	ppbv	77
61) Styrene	12.892	104	15159	0.142	ppbv #	34
62) Isopropylbenzene	14.027	105	131167	0.379	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.043	83	84155	0.521	ppbv	99
64) n-propylbenzene	14.915	120	30005	0.335	ppbv #	61
65) tert-Butylbenzene	16.088	119	112118	0.366	ppbv #	83
66) Benzyl Chloride	16.313	91	1735	0.080	ppbv #	63
67) sec-Butylbenzene	16.635	105	177018	0.393	ppbv	98
69) p-Isopropyltoluene	16.989	119	66217	0.178	ppbv #	47
70) n-Butylbenzene	17.882	91	149683	0.361	ppbv	95
71) 2-Chlorotoluene	14.796	91	93400	0.350	ppbv	99
72) 4-Ethyltoluene	15.191	105	86501	0.320	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.352	105	78655	0.330	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	108186	0.389	ppbv	96
75) 1,3-Dichlorobenzene	16.323	146	65416	0.388	ppbv	82
76) 1,4-Dichlorobenzene	16.471	146	46261	0.280	ppbv #	43
77) 1,2-Dichlorobenzene	17.133	146	40596	0.252	ppbv #	33
78) Hexachloro-1,3-Butadiene	22.612	225	19330	0.128	ppbv #	19
79) Naphthalene	21.371	128	17141	0.073	ppbv	96
81) 1,2,4-Trichlorobenzene	21.136	180	29049	0.179	ppbv #	12

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

Instrument :
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The chromatogram displays a series of peaks representing different chemical compounds. The y-axis, labeled 'Abundance', ranges from 0 to 4,400,000. The x-axis, labeled 'Time-->', ranges from 0 to 26.00 minutes. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

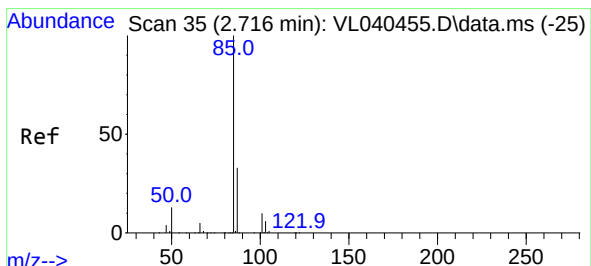
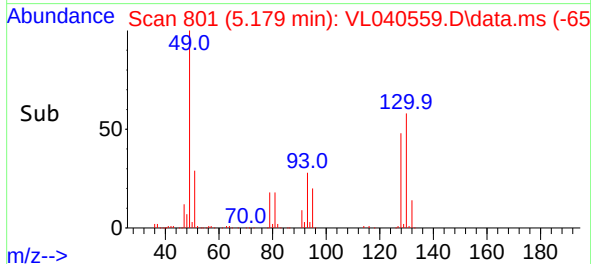
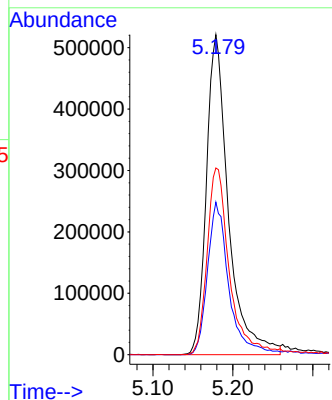
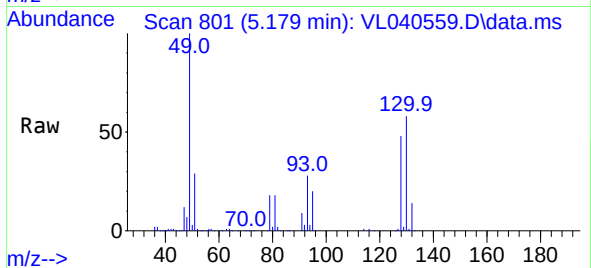
Compound	Approx. Retention Time (min)	Approx. Abundance
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I	6.5	3,400,000
Bromochloromethane, I	5.5	2,200,000
1-Bromo-4-Fluorobenzene, S	13.5	3,300,000
Chlorobenzene-d5, I	11.5	3,500,000
1,4-Difluorobenzene, I		



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040559.D
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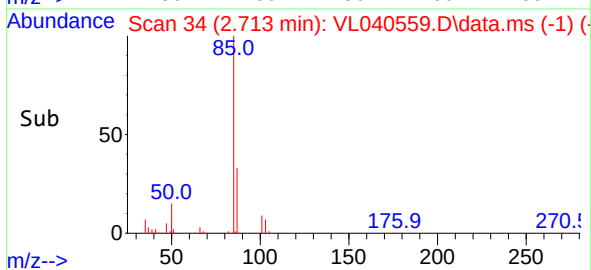
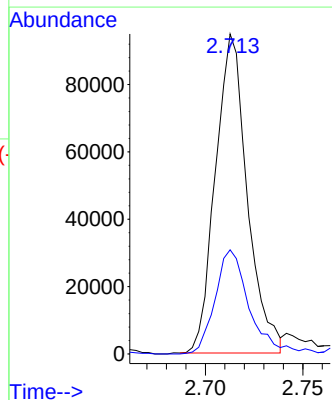
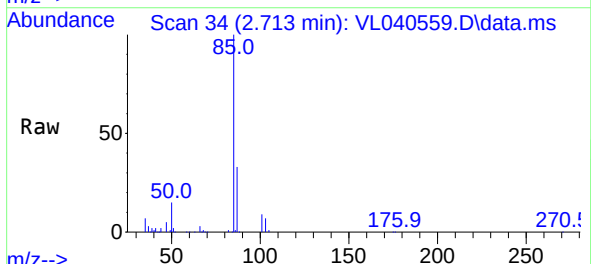
Instrument :
MSVOA_L
ClientSampleId :

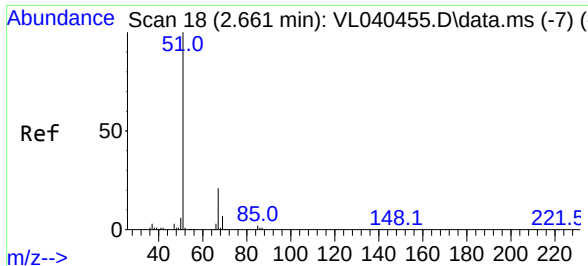
Tgt Ion: 49 Resp: 995484
Ion Ratio Lower Upper
49 100
128 47.9 25.1 75.4
130 60.9 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 85 Resp: 107534
Ion Ratio Lower Upper
85 100
87 32.6 26.8 40.2

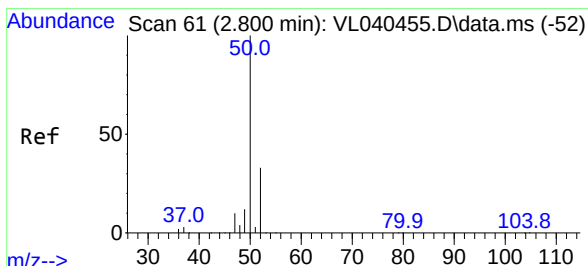
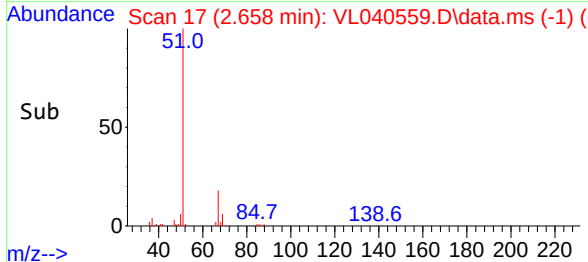
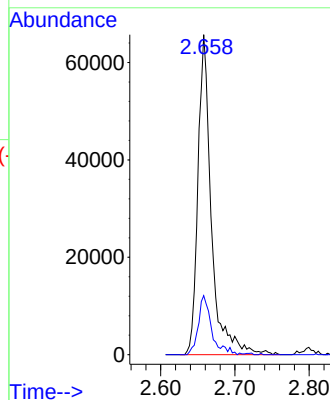
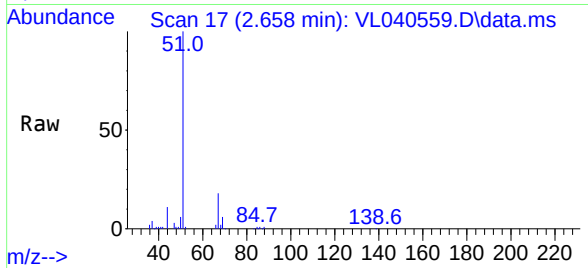




#3
Chlorodifluoromethane
Concen: 0.526 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

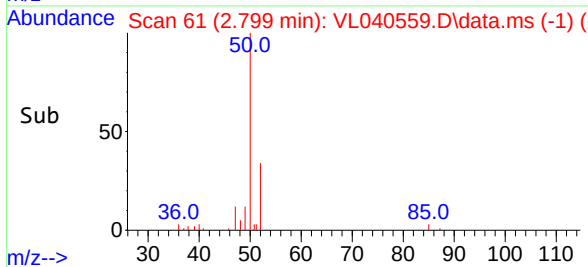
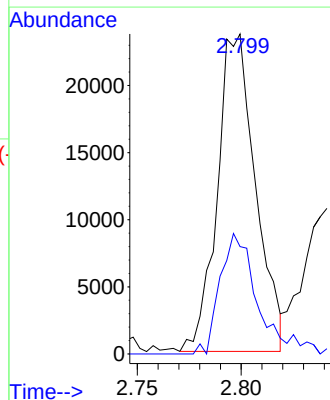
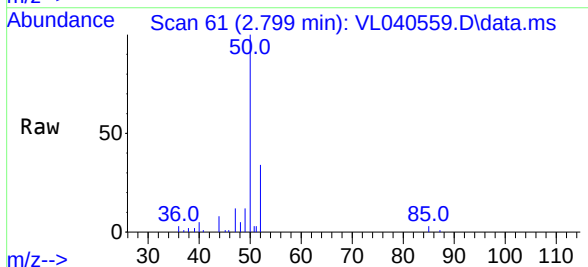
Instrument :
MSVOA_L
ClientSampleId :

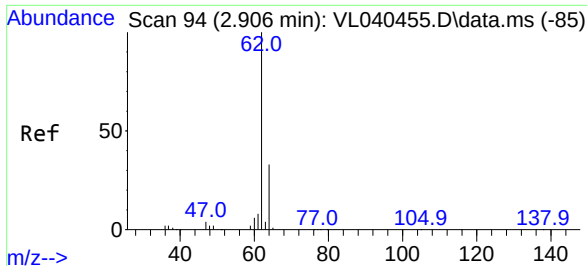
Tgt Ion: 51 Resp: 82935
Ion Ratio Lower Upper
51 100
67 18.4 14.6 21.8



#4
Chloromethane
Concen: 0.486 ppbv
RT: 2.799 min Scan# 61
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 50 Resp: 30349
Ion Ratio Lower Upper
50 100
52 32.7 24.4 36.6

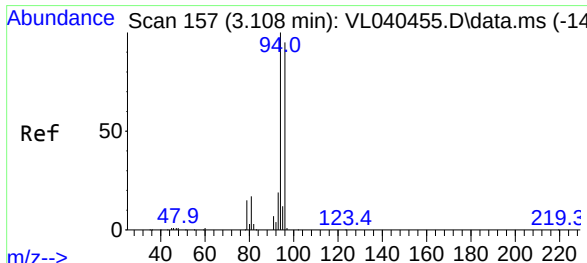
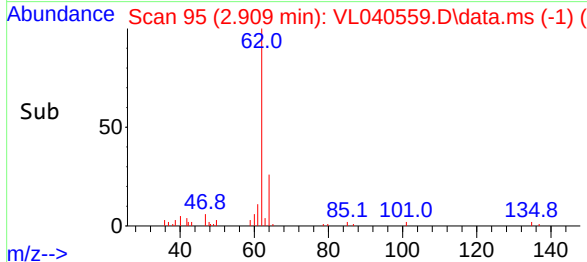
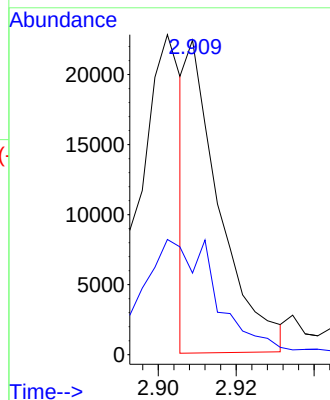
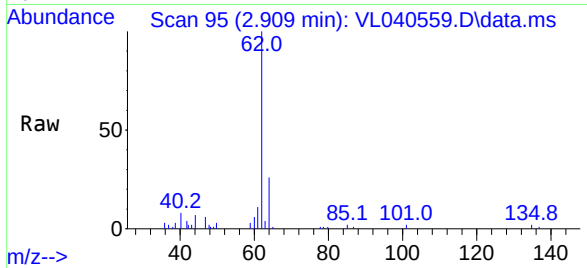




#5
 Vinyl Chloride
 Concen: 0.200 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.020 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

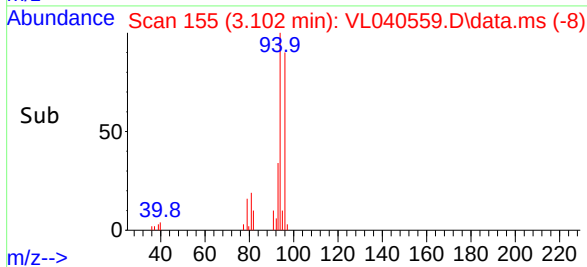
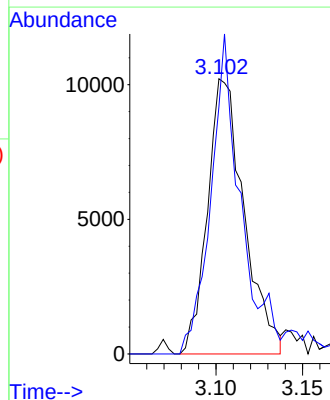
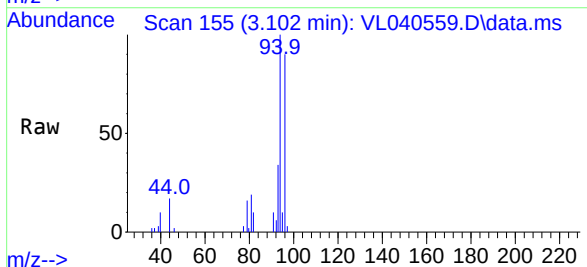
Instrument :
 MSVOA_L
 ClientSampleId :

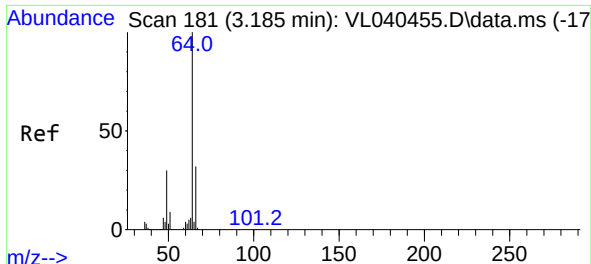
Tgt Ion: 62 Resp: 13110
 Ion Ratio Lower Upper
 62 100
 64 26.1 26.4 39.6#



#6
 Bromomethane
 Concen: 0.543 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

Tgt Ion: 94 Resp: 15033
 Ion Ratio Lower Upper
 94 100
 96 89.8 75.7 113.5

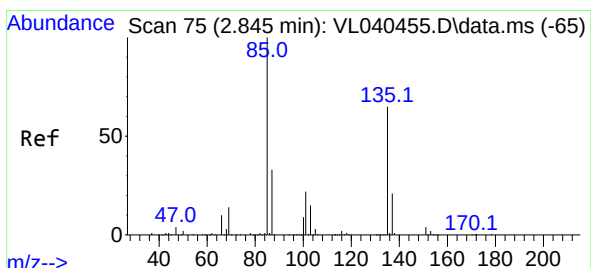
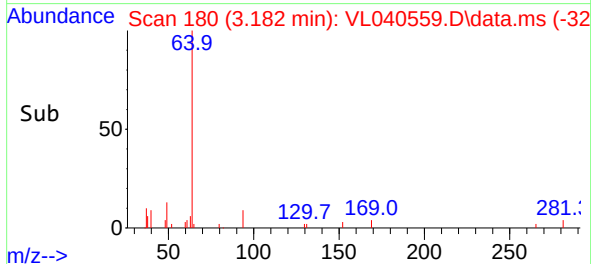
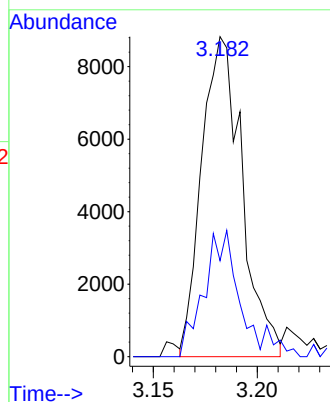
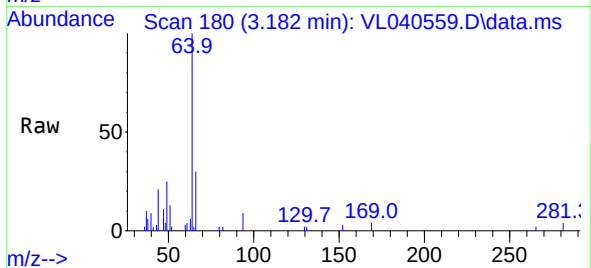




#7
Chloroethane
Concen: 0.516 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

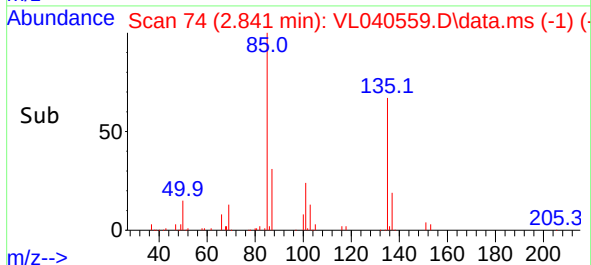
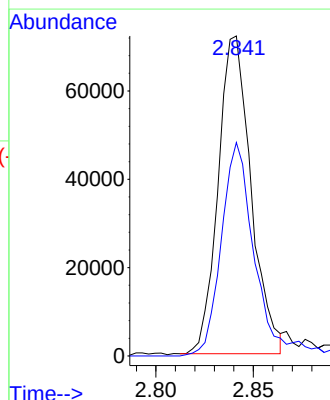
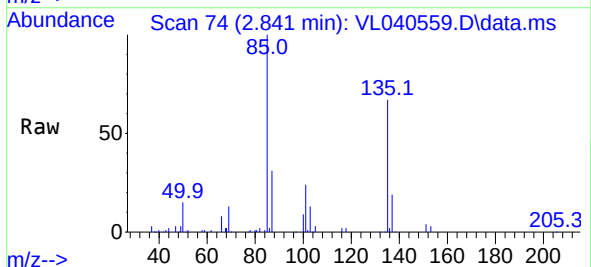
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 11886
Ion Ratio Lower Upper
64 100
66 30.0 24.4 36.6

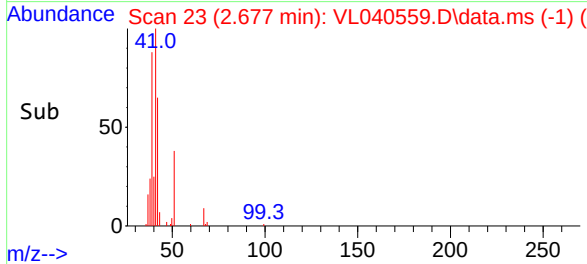
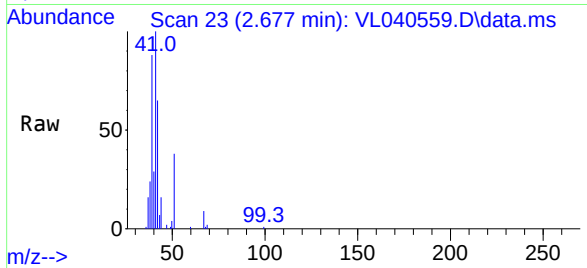
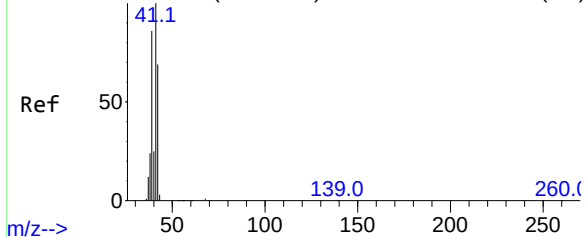


#8
Dichlorotetrafluoroethane
Concen: 0.516 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 85 Resp: 84499
Ion Ratio Lower Upper
85 100
135 68.7 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 0.436 ppbv

RT: 2.677 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

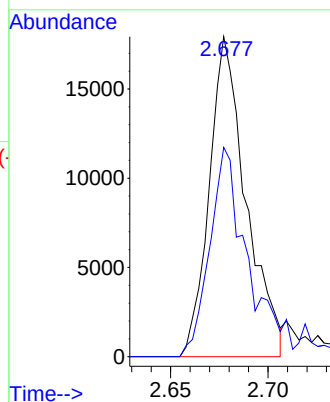
ClientSampleId :

Tgt Ion: 41 Resp: 23547

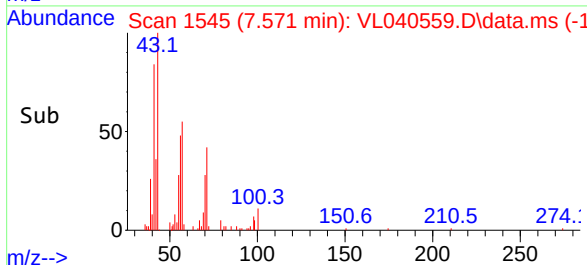
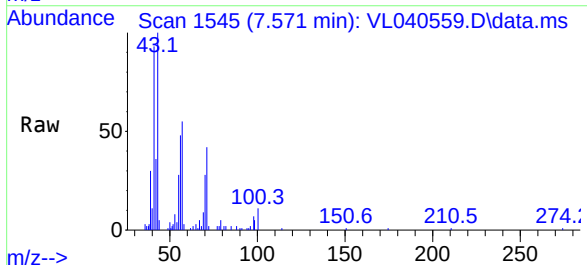
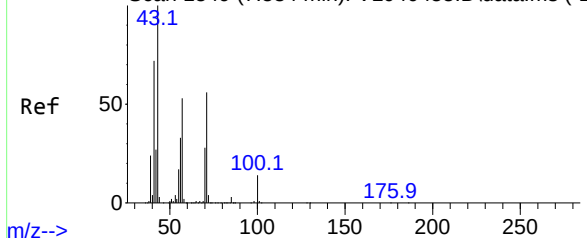
Ion Ratio Lower Upper

41 100

42 72.2 55.0 82.6



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1



#10

Heptane

Concen: 0.341 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.020 min

Lab File: VL040559.D

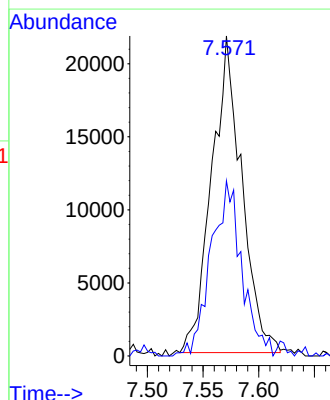
Acq: 27 Jul 2023 3:27

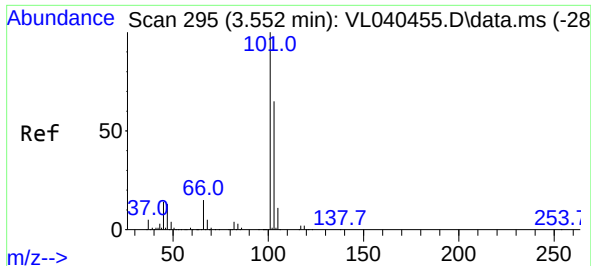
Tgt Ion: 43 Resp: 40712

Ion Ratio Lower Upper

43 100

57 58.4 42.5 63.7

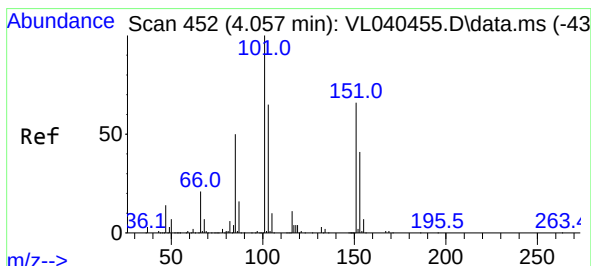
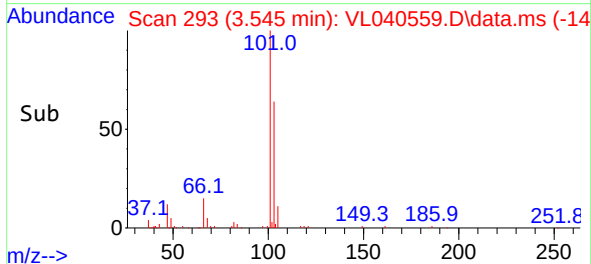
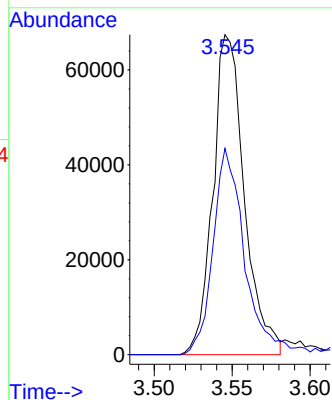
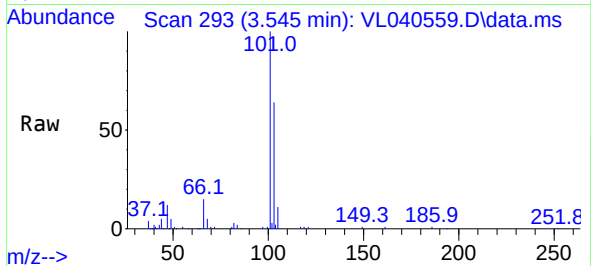




#11
 Trichlorofluoromethane
 Concen: 0.589 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

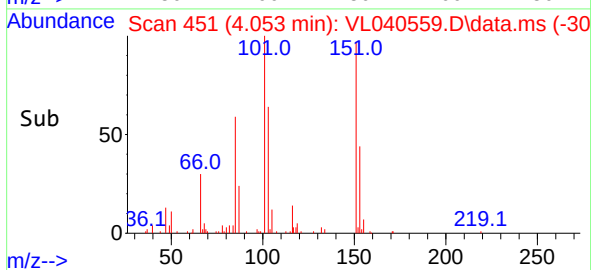
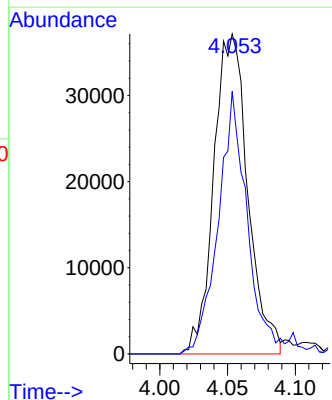
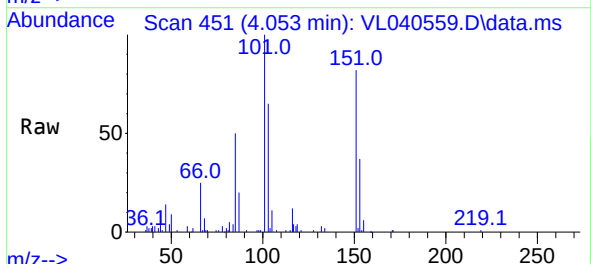
Instrument :
 MSVOA_L
 ClientSampleId :

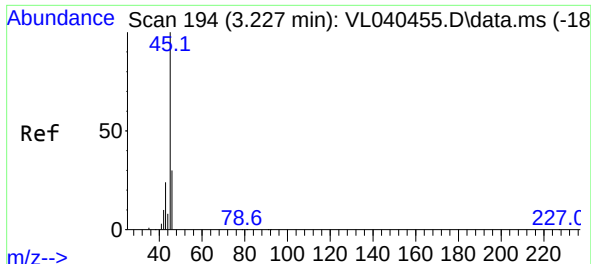
Tgt Ion:101 Resp: 94573
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.573 ppbv
 RT: 4.053 min Scan# 451
 Delta R.T. -0.020 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

Tgt Ion:101 Resp: 64824
 Ion Ratio Lower Upper
 101 100
 151 73.0 58.2 87.4

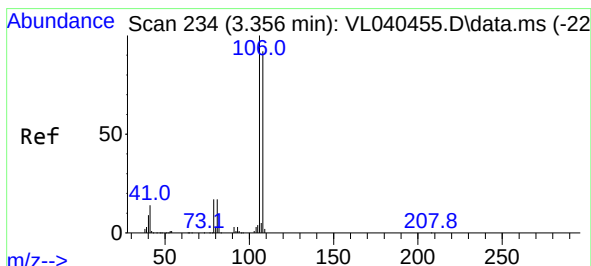
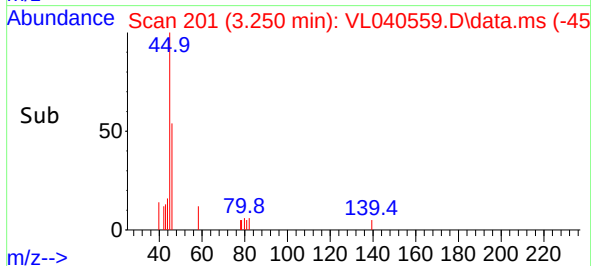
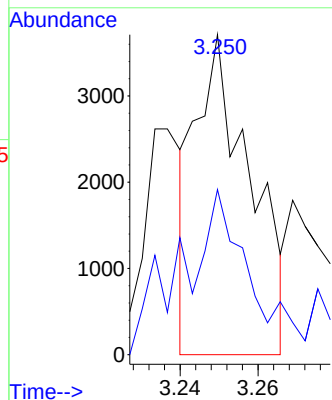
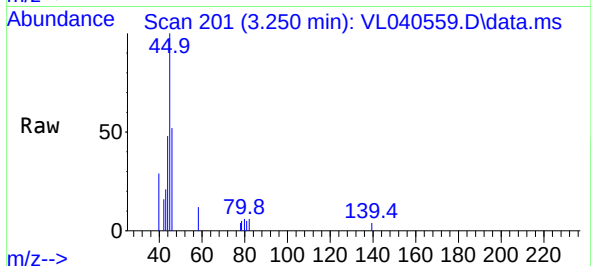




#13
Ethanol
Concen: 0.310 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

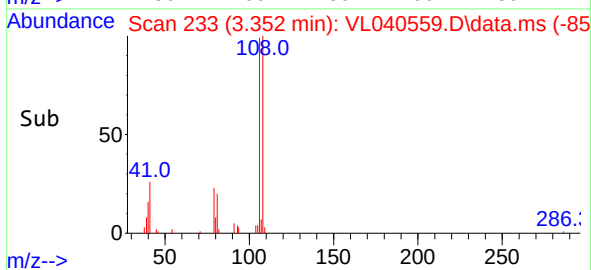
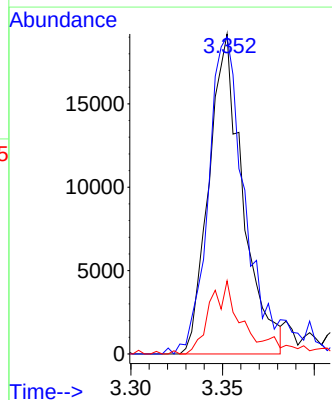
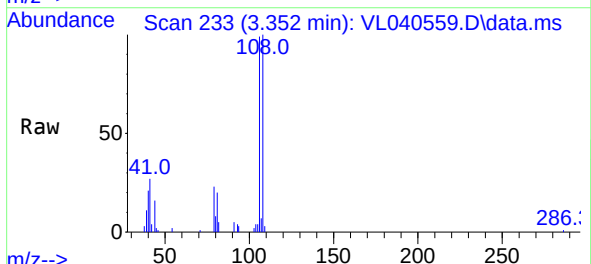
Instrument :
MSVOA_L
ClientSampleId :

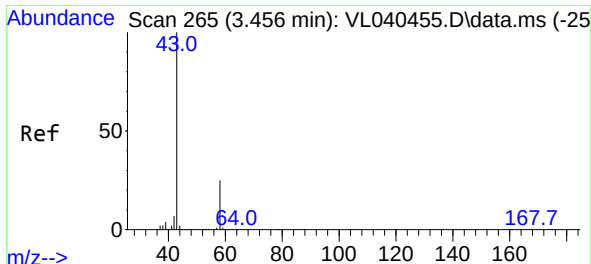
Tgt Ion: 45 Resp: 3646
Ion Ratio Lower Upper
45 100
46 76.5 15.3 61.1#



#14
Bromoethene
Concen: 0.508 ppbv
RT: 3.352 min Scan# 233
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 108 Resp: 24695
Ion Ratio Lower Upper
108 100
106 114.4 87.2 130.8
79 24.1 15.3 22.9#

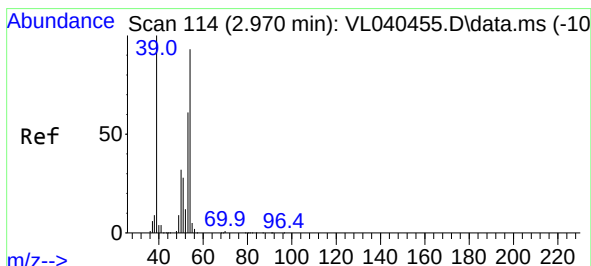
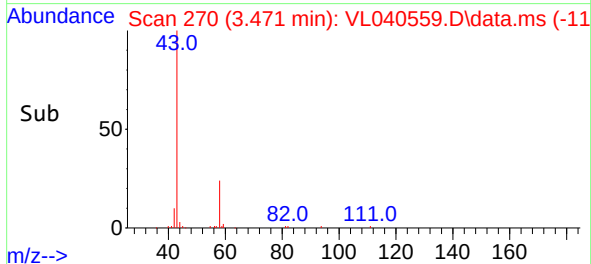
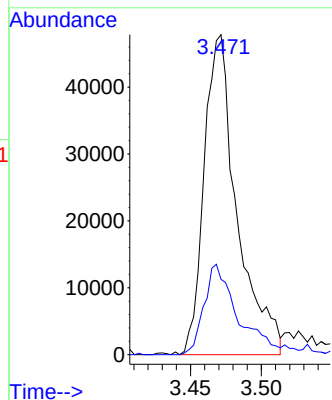
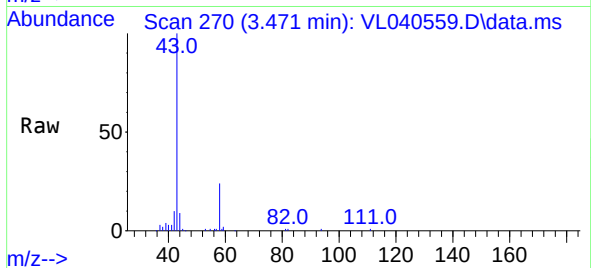




#15
Acetone
Concen: 0.674 ppbv
RT: 3.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

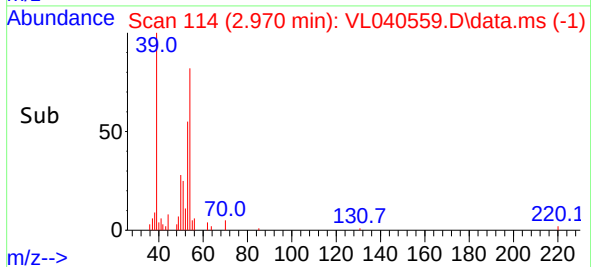
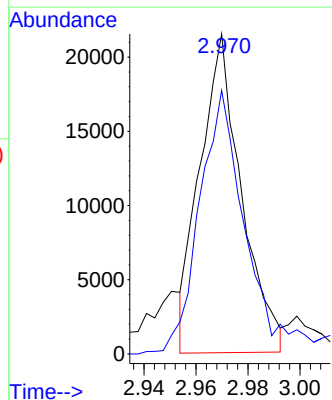
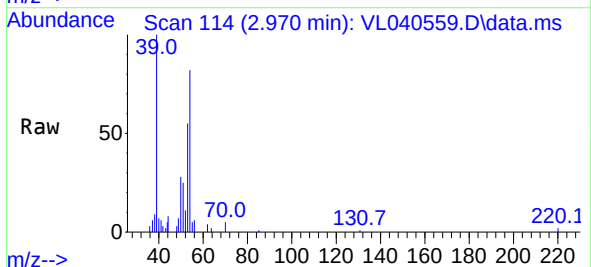
Instrument :
MSVOA_L
ClientSampleId :

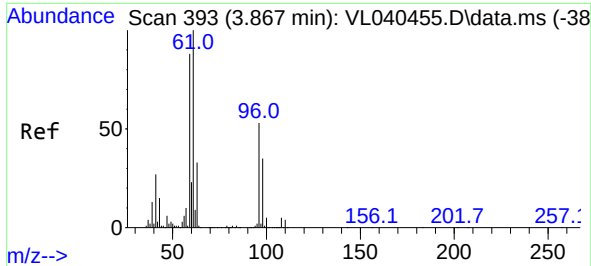
Tgt Ion: 43 Resp: 77185
Ion Ratio Lower Upper
43 100
58 30.8 22.9 34.3



#16
1,3-Butadiene
Concen: 0.412 ppbv
RT: 2.970 min Scan# 114
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 39 Resp: 23794
Ion Ratio Lower Upper
39 100
54 98.3 66.6 100.0





#17

tert-Butyl alcohol

Concen: 0.215 ppbv

RT: 3.877 min Scan# 393

Delta R.T. -0.007 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

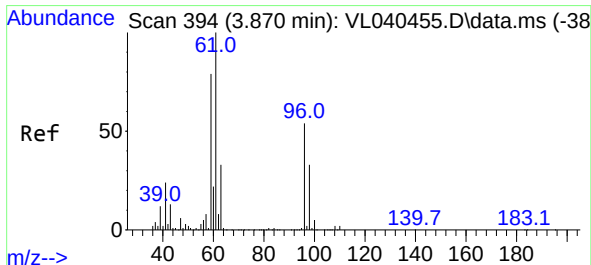
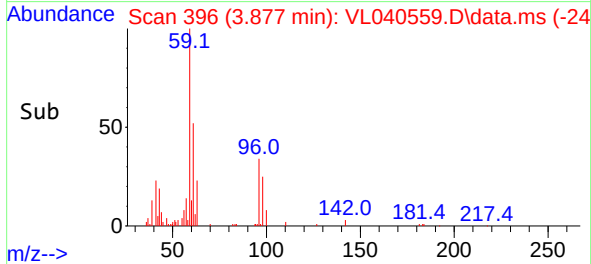
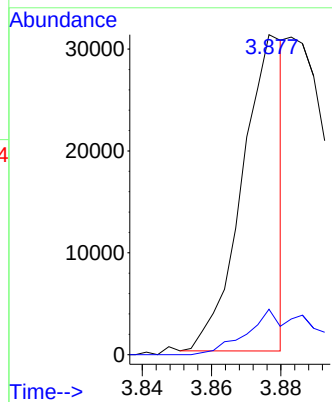
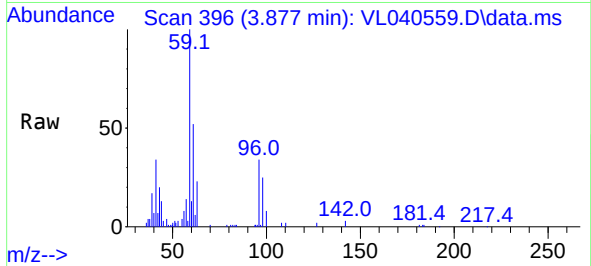
ClientSampleId :

Tgt Ion: 59 Resp: 25536

Ion Ratio Lower Upper

59 100

57 29.8 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.527 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.023 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

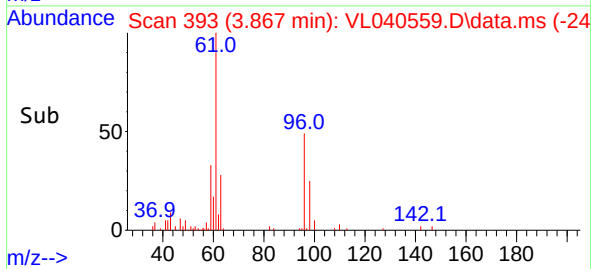
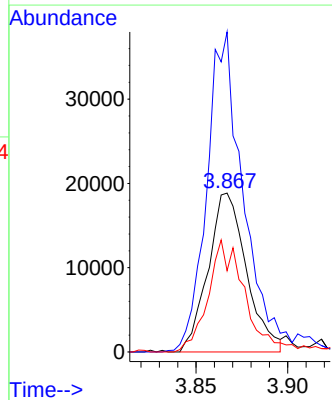
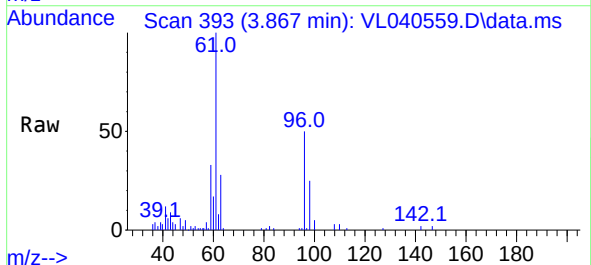
Tgt Ion: 96 Resp: 27423

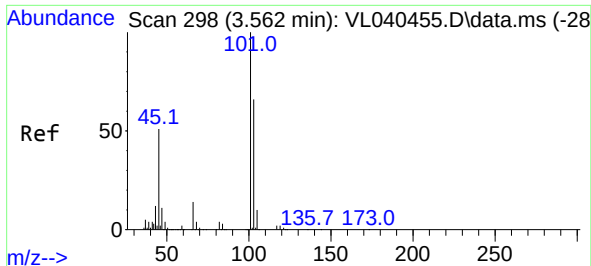
Ion Ratio Lower Upper

96 100

61 196.8 154.4 231.6

98 49.6 50.0 75.0#

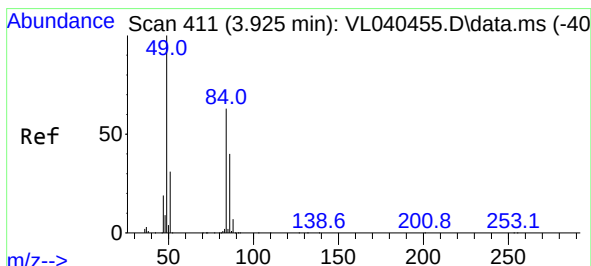
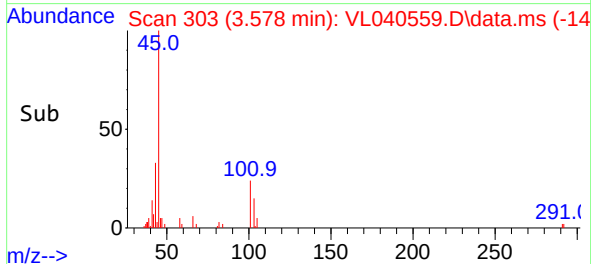
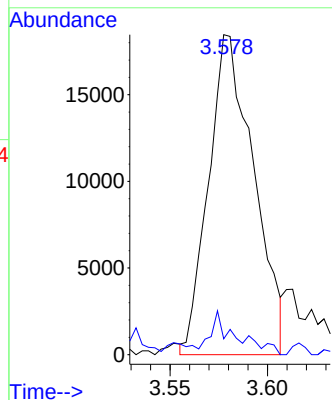
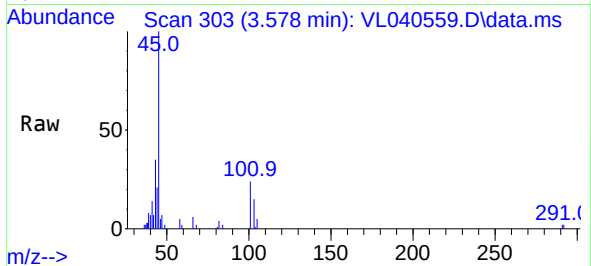




#19
Isopropyl Alcohol
Concen: 0.451 ppbv
RT: 3.578 min Scan# 303
Delta R.T. -0.003 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

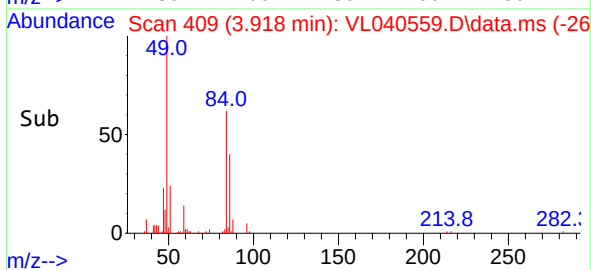
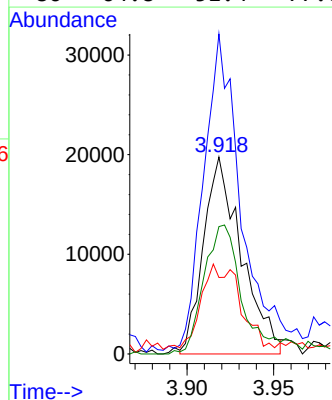
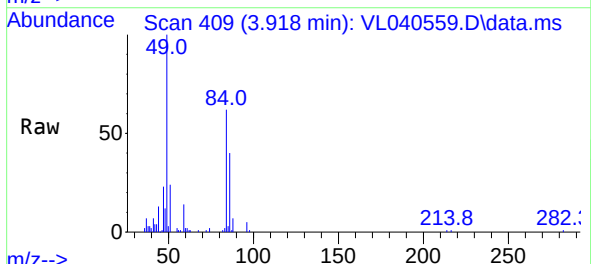
Instrument :
MSVOA_L
ClientSampleId :

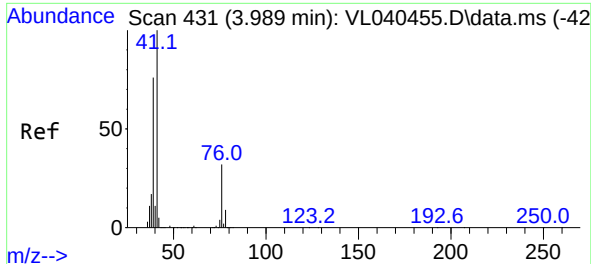
Tgt Ion: 45 Resp: 29694
Ion Ratio Lower Upper
45 100
58 10.2 1.1 1.7#



#20
Methylene Chloride
Concen: 0.619 ppbv
RT: 3.918 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 84 Resp: 30185
Ion Ratio Lower Upper
84 100
49 161.1 123.4 185.2
51 36.4 38.3 57.5#
86 64.8 51.4 77.0





#21

Allyl Chloride

Concen: 0.436 ppbv

RT: 3.986 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040559.D

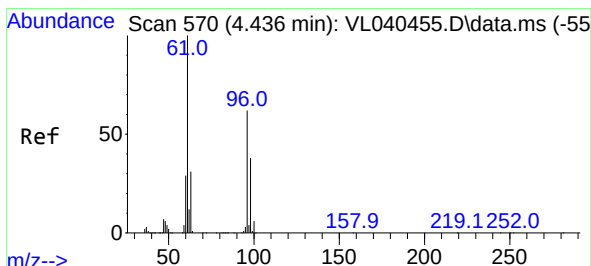
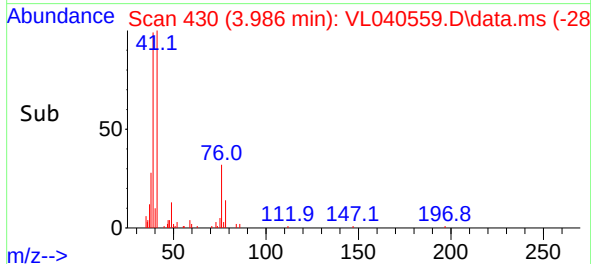
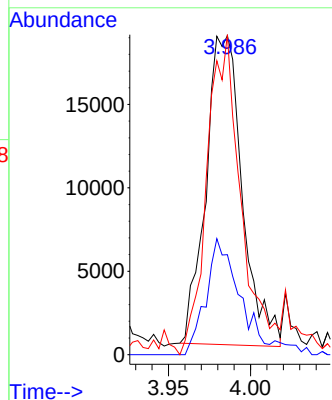
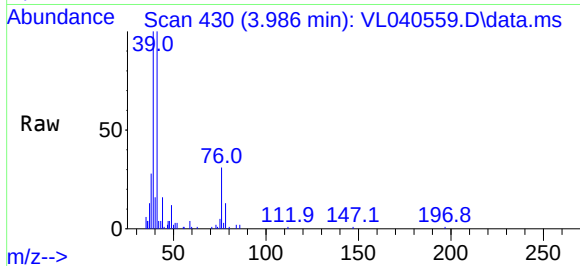
Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	41	Resp:	28562
Ion	Ratio	Lower	Upper
41	100		
76	36.9	24.8	37.2
39	105.0	60.6	91.0#



#22

trans-1,2-Dichloroethene

Concen: 0.477 ppbv

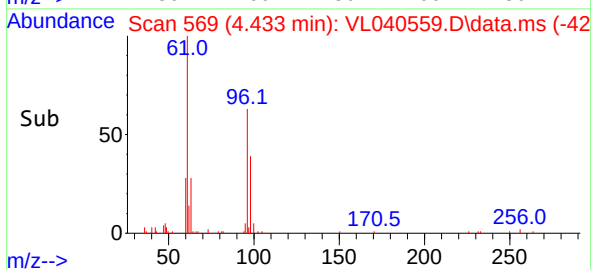
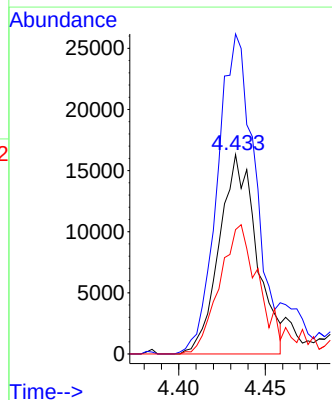
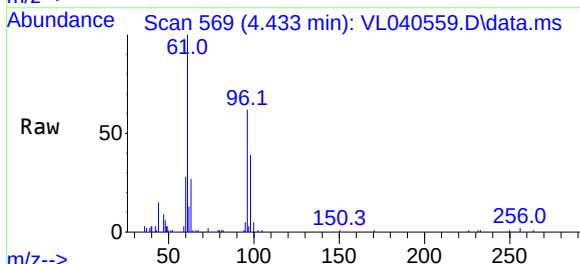
RT: 4.433 min Scan# 569

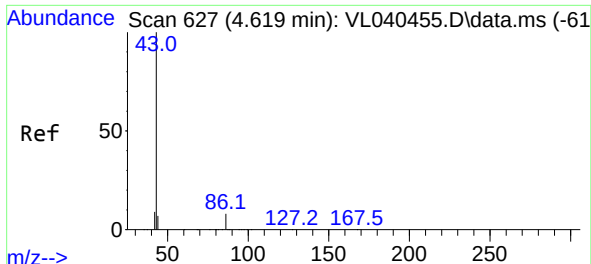
Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Tgt Ion:	96	Resp:	24457
Ion	Ratio	Lower	Upper
96	100		
61	159.5	137.7	206.5
98	62.3	52.9	79.3



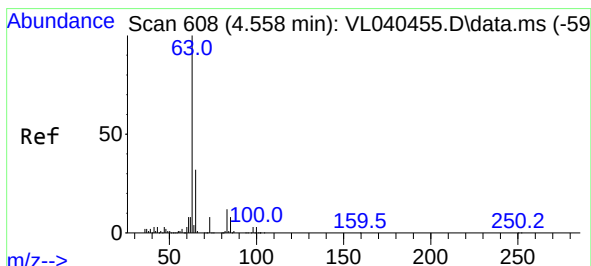
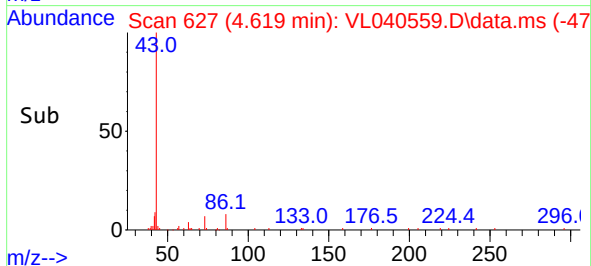
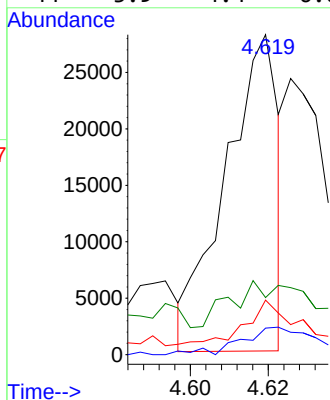
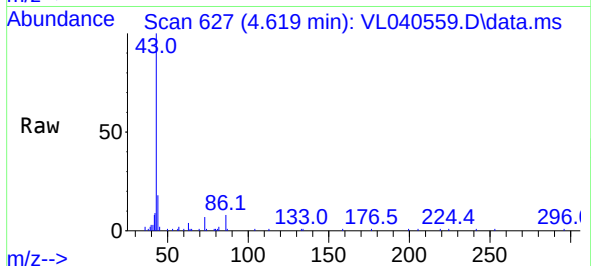


#23
Vinyl Acetate
Concen: 0.242 ppbv
RT: 4.619 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 26391

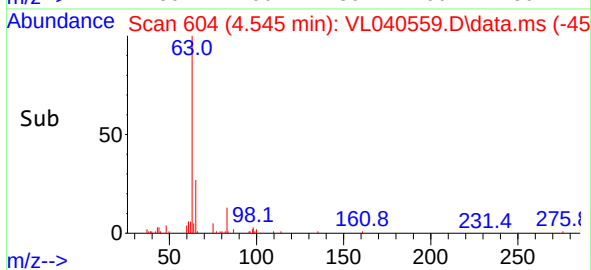
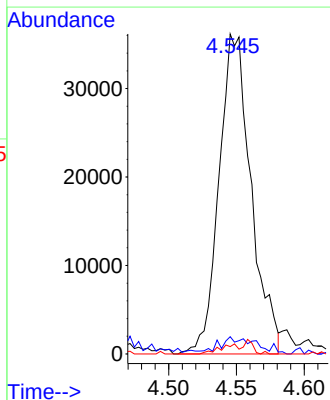
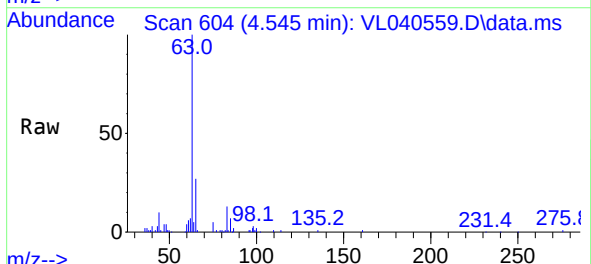
Ion	Ratio	Lower	Upper
43	100		
86	8.5	5.6	8.4#
42	16.4	7.4	11.2#
44	3.9	4.4	6.6#

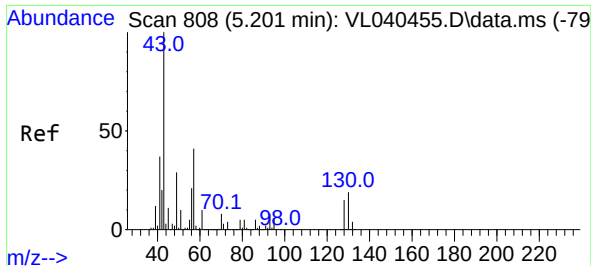


#24
1,1-Dichloroethane
Concen: 0.535 ppbv
RT: 4.545 min Scan# 604
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 63 Resp: 59322

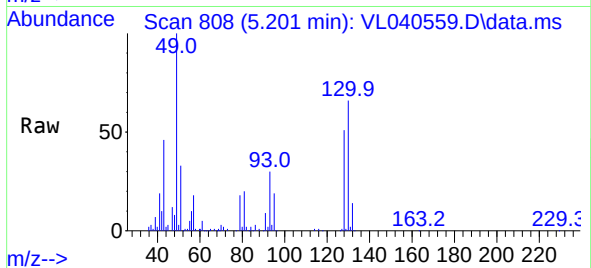
Ion	Ratio	Lower	Upper
63	100		
98	4.9	1.8	5.5
100	2.3	1.4	4.0





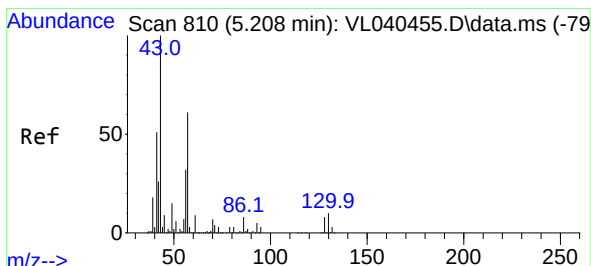
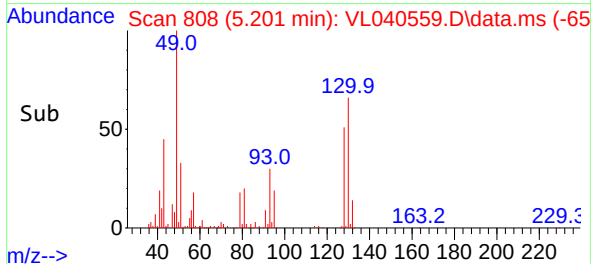
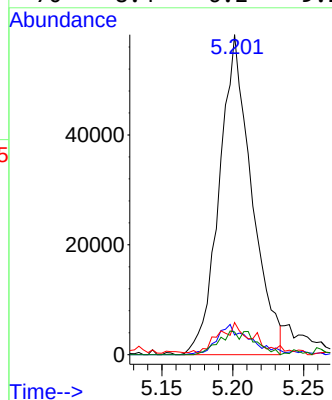
#25
Ethyl Acetate
Concen: 0.424 ppbv
RT: 5.201 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 92437

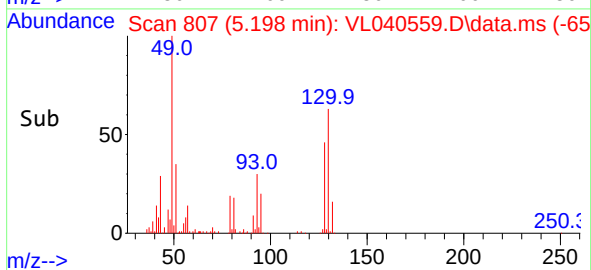
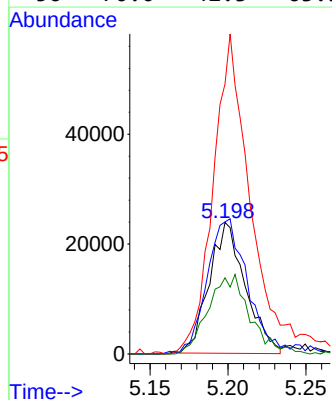
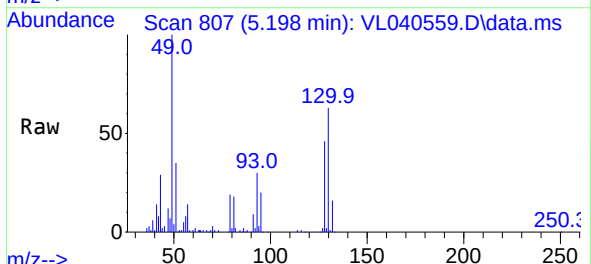
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.4
61	12.2	8.3	12.5
70	8.4	6.2	9.2

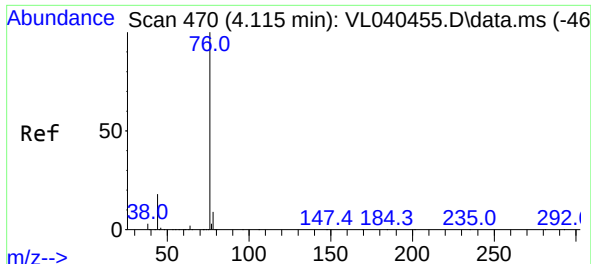


#26
Hexane
Concen: 0.380 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 57 Resp: 38515

Ion	Ratio	Lower	Upper
57	100		
41	120.2	69.5	104.3#
43	266.1	177.1	265.7#
56	70.0	42.3	63.5#

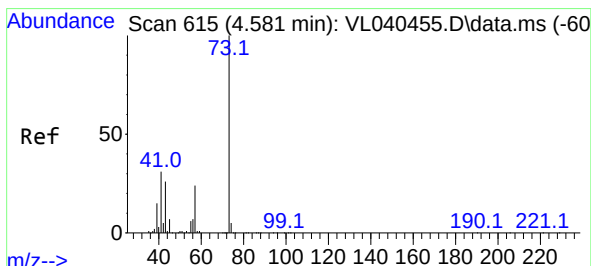
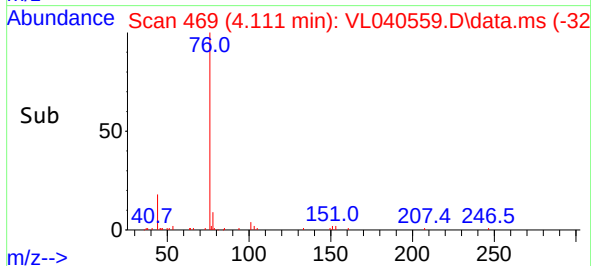
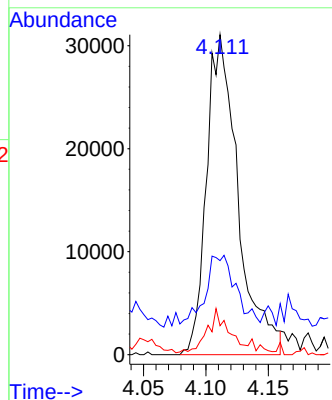
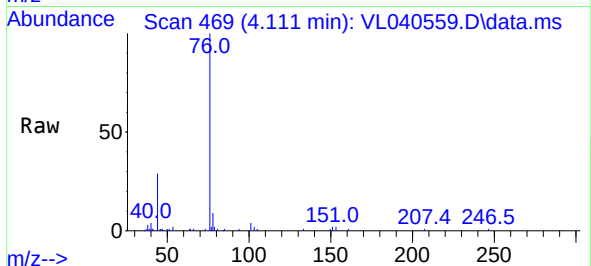




#27
Carbon Disulfide
Concen: 0.460 ppbv
RT: 4.111 min Scan# 411
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

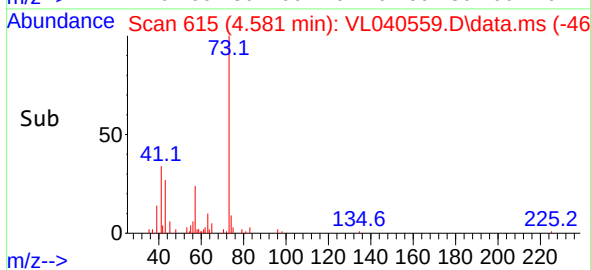
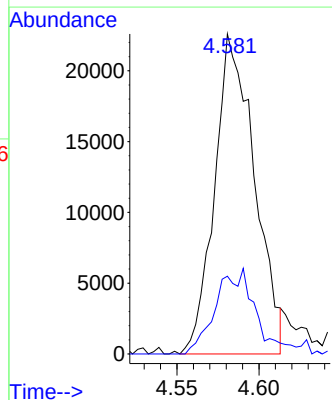
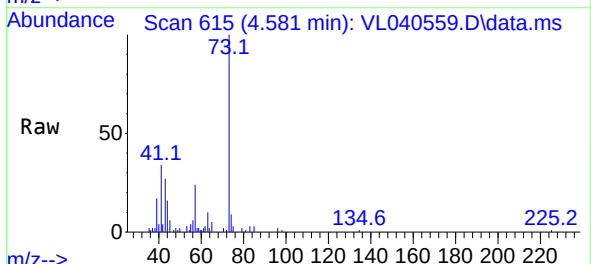
Instrument :
MSVOA_L
ClientSampleId :

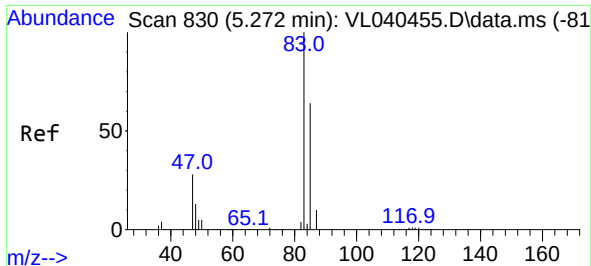
Tgt Ion: 76 Resp: 54818
Ion Ratio Lower Upper
76 100
44 23.5 15.1 22.7#
78 12.4 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.468 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 73 Resp: 38172
Ion Ratio Lower Upper
73 100
57 27.5 18.8 28.2





#29

Chloroform

Concen: 0.521 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

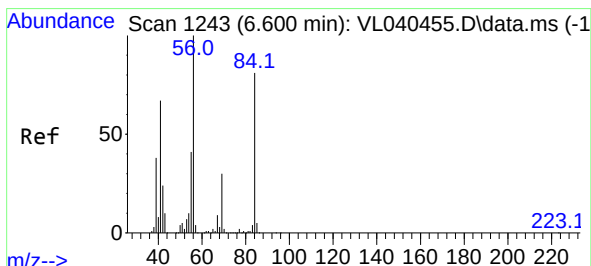
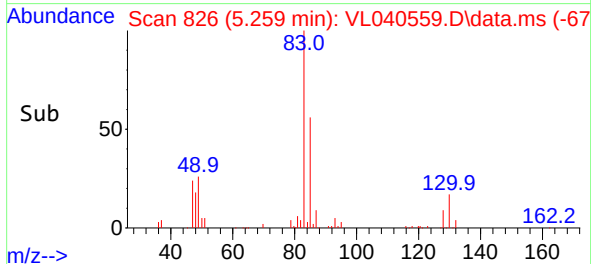
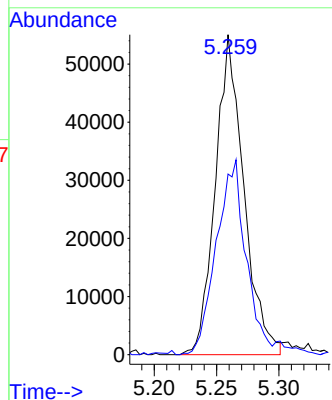
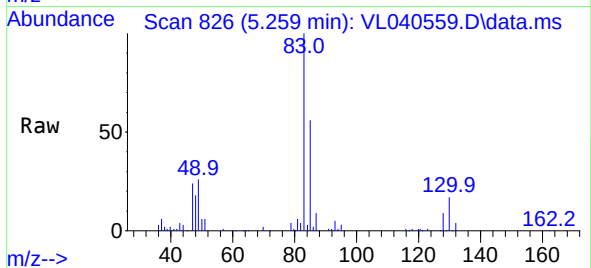
ClientSampleId :

Tgt Ion: 83 Resp: 87625

Ion Ratio Lower Upper

83 100

85 56.4 51.1 76.7



#30

Cyclohexane

Concen: 0.301 ppbv

RT: 6.593 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

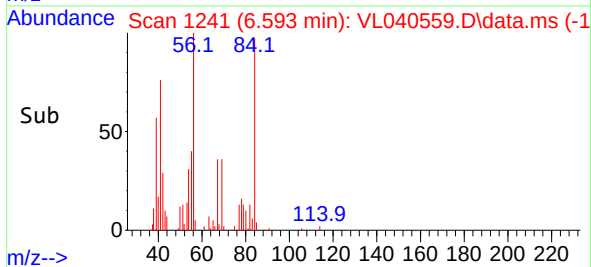
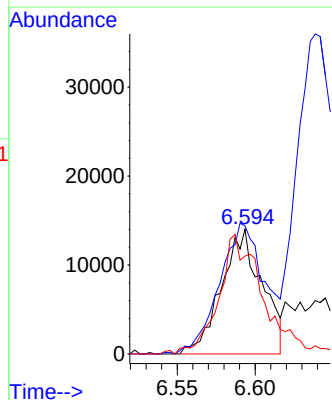
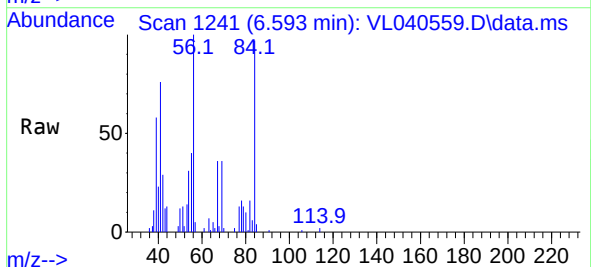
Tgt Ion: 84 Resp: 25423

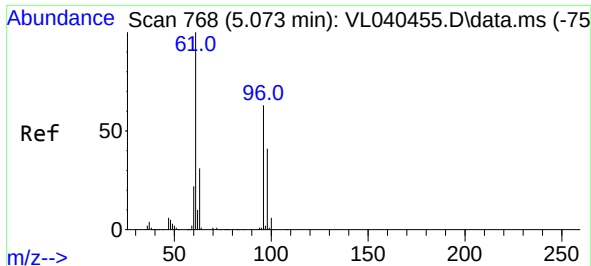
Ion Ratio Lower Upper

84 100

56 112.1 108.7 163.1

41 107.2 64.5 96.7#

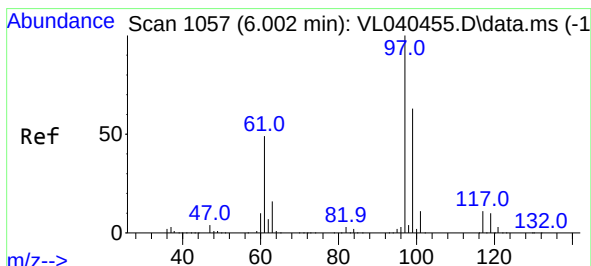
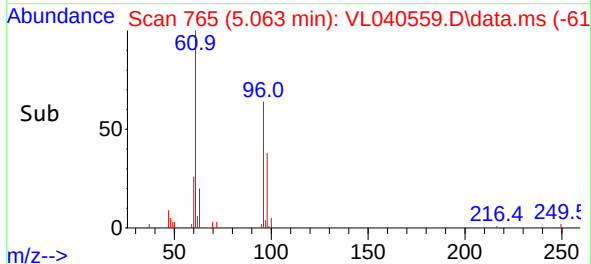
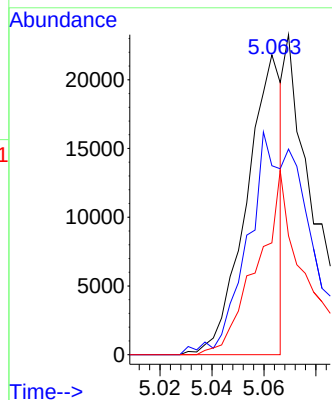
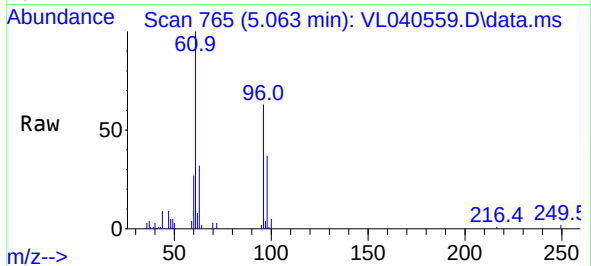




#31
 cis-1,2-Dichloroethene
 Concen: 0.205 ppbv
 RT: 5.063 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

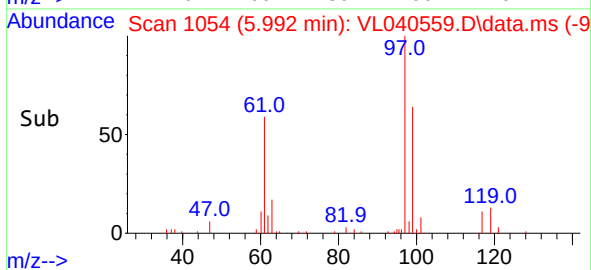
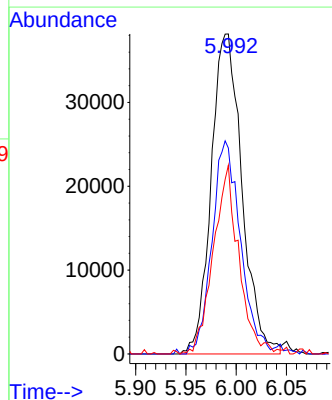
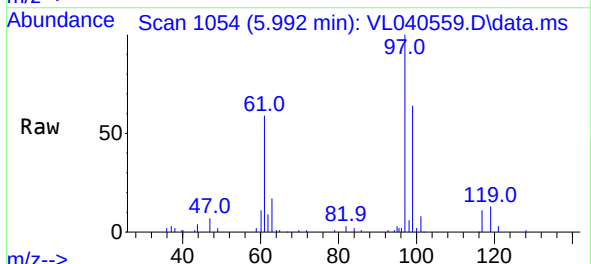
Instrument :
 MSVOA_L
 ClientSampleId :

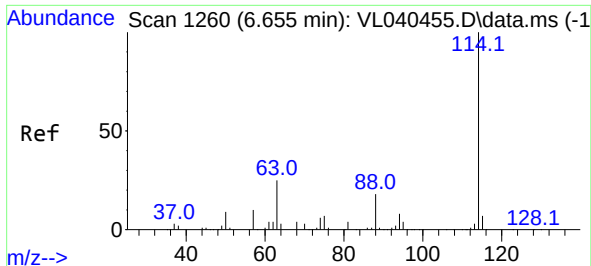
Tgt Ion: 61 Resp: 20554
 Ion Ratio Lower Upper
 61 100
 96 63.0 54.7 82.1
 98 37.3 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.493 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.020 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

Tgt Ion: 97 Resp: 81036
 Ion Ratio Lower Upper
 97 100
 99 63.0 52.0 78.0
 61 49.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

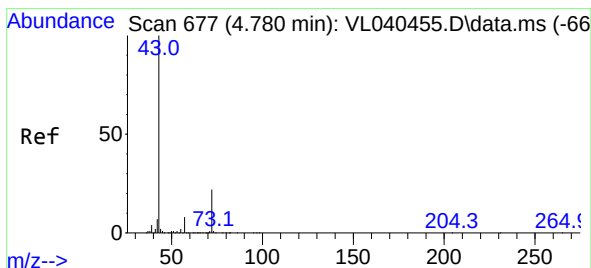
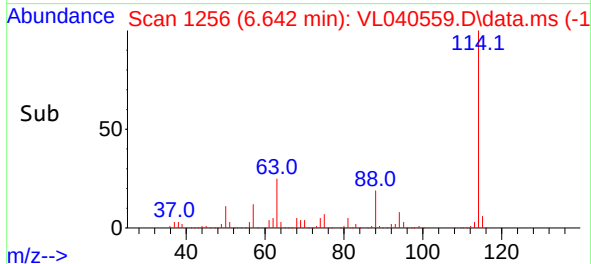
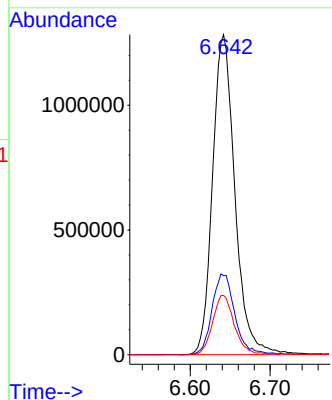
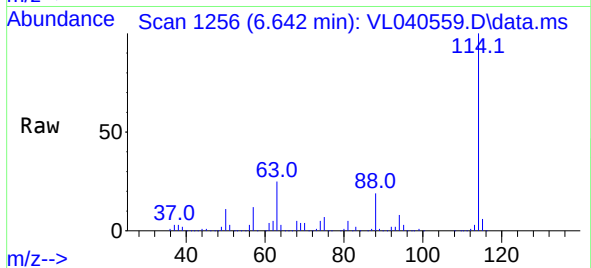
Tgt Ion:114 Resp: 2479270

Ion Ratio Lower Upper

114 100

63 26.2 19.6 29.4

88 18.3 14.2 21.2



#34

2-Butanone

Concen: 0.448 ppbv

RT: 4.790 min Scan# 680

Delta R.T. -0.003 min

Lab File: VL040559.D

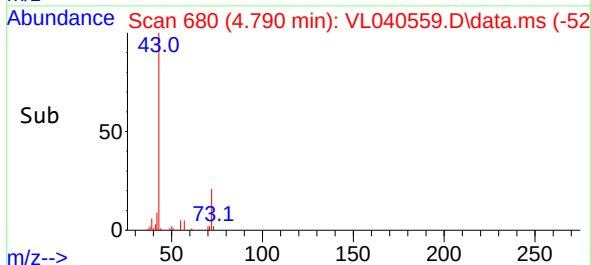
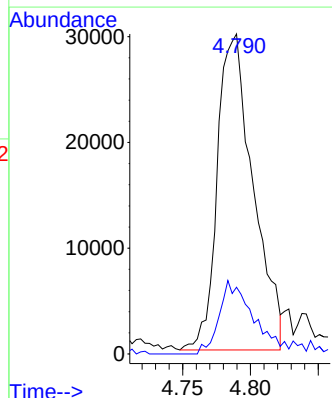
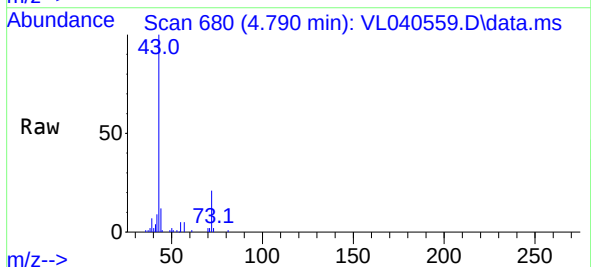
Acq: 27 Jul 2023 3:27

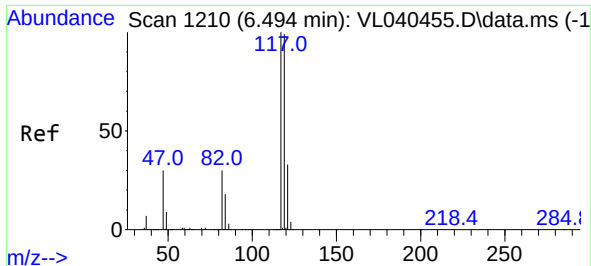
Tgt Ion: 43 Resp: 54930

Ion Ratio Lower Upper

43 100

72 24.9 19.1 28.7

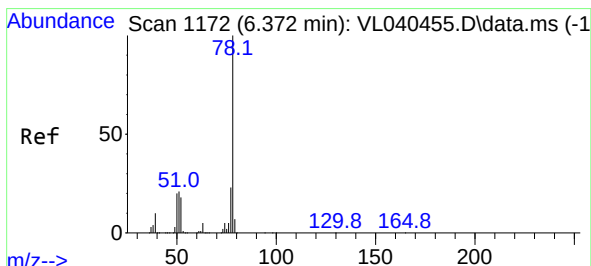
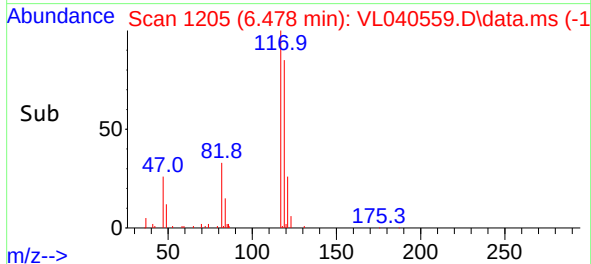
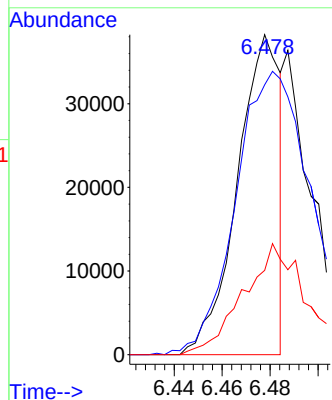
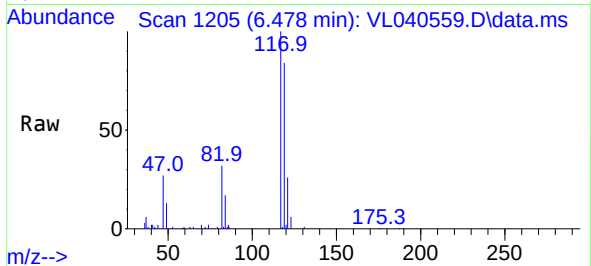




#35
Carbon Tetrachloride
Concen: 0.317 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

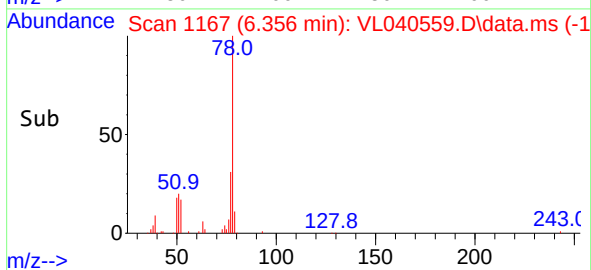
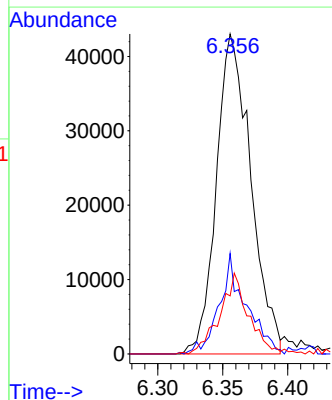
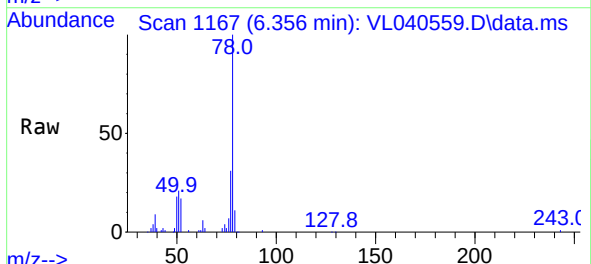
Instrument :
MSVOA_L
ClientSampleId :

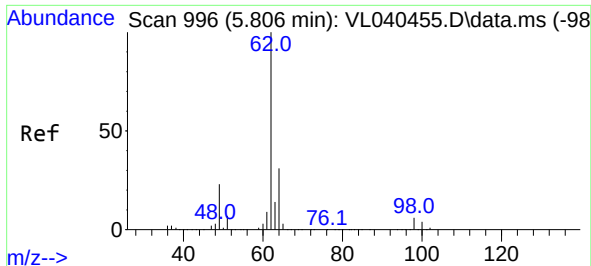
Tgt Ion:117 Resp: 47304
Ion Ratio Lower Upper
117 100
119 83.1 77.8 116.6
121 26.3 24.8 37.2



#36
Benzene
Concen: 0.397 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 78 Resp: 79132
Ion Ratio Lower Upper
78 100
77 30.9 17.4 26.0#
50 17.8 14.4 21.6





#37

1,2-Dichloroethane

Concen: 0.233 ppbv

RT: 5.799 min Scan# 996

Delta R.T. -0.016 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

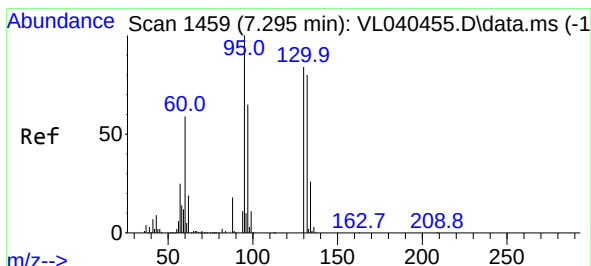
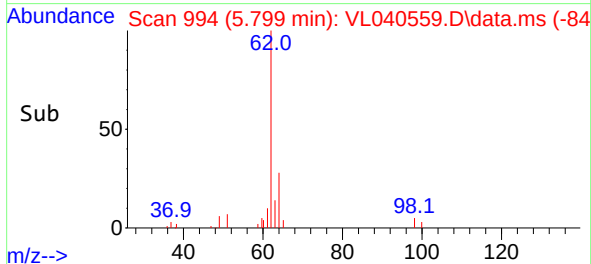
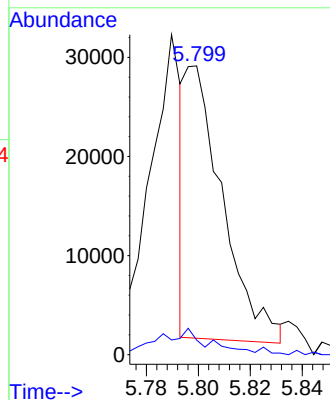
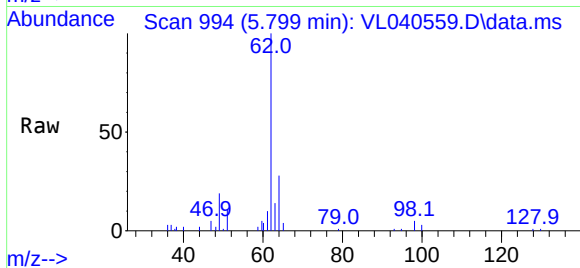
ClientSampleId :

Tgt Ion: 62 Resp: 27383

Ion Ratio Lower Upper

62 100

98 14.7 5.1 7.7#



#38

Trichloroethene

Concen: 0.186 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.029 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Tgt Ion:130 Resp: 13999

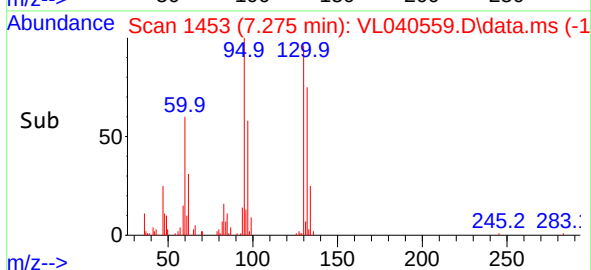
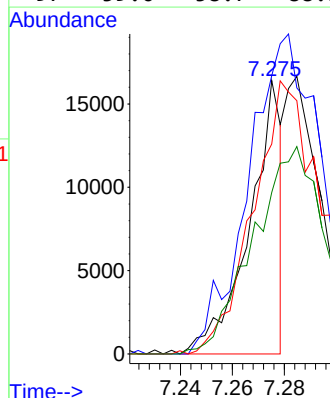
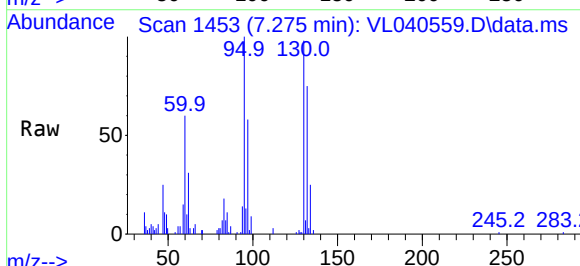
Ion Ratio Lower Upper

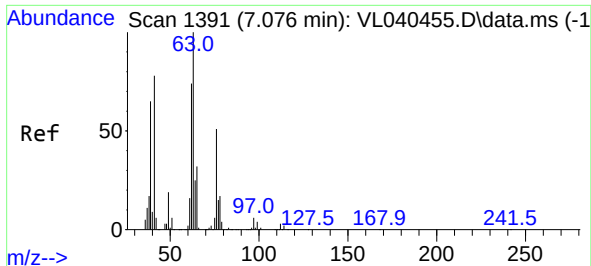
130 100

95 101.8 90.2 135.2

132 75.6 76.3 114.5#

97 59.0 58.7 88.1

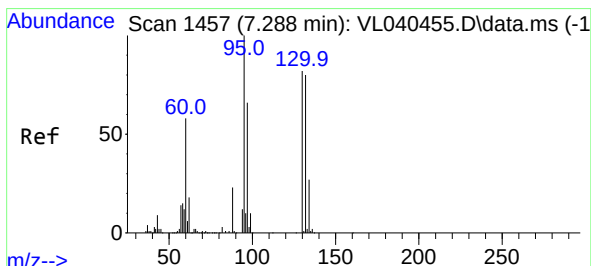
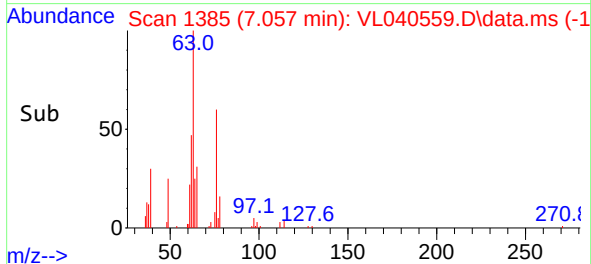
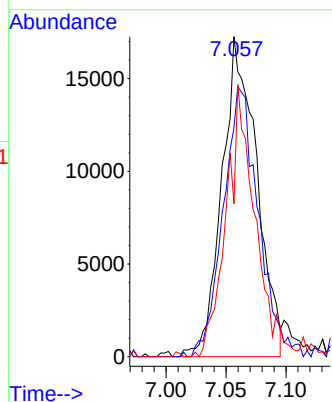
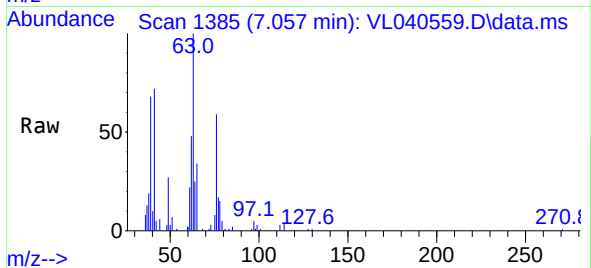




#39
1,2-Dichloropropane
Concen: 0.452 ppbv
RT: 7.057 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

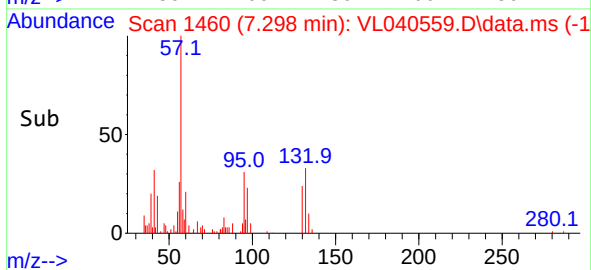
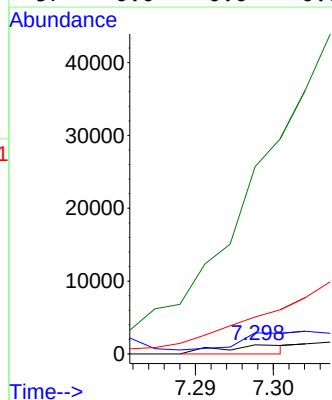
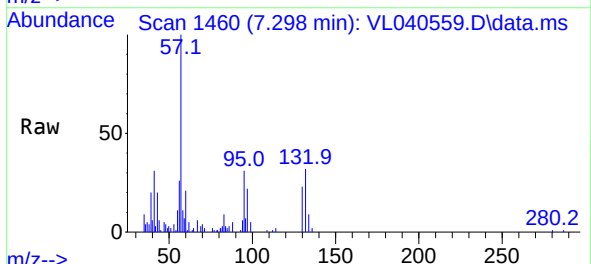
Instrument :
MSVOA_L
ClientSampleId :

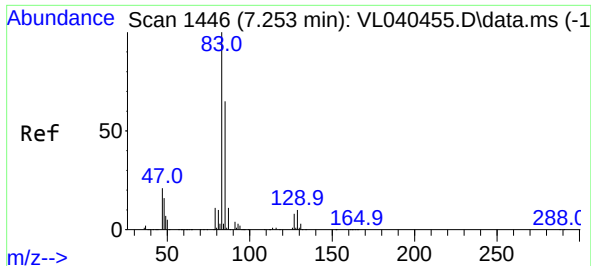
Tgt Ion: 63 Resp: 34680
Ion Ratio Lower Upper
63 100
41 71.5 54.3 81.5
62 46.8 55.6 83.4#



#40
1,4-Dioxane
Concen: 0.031 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 88 Resp: 743
Ion Ratio Lower Upper
88 100
58 0.0 58.6 88.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

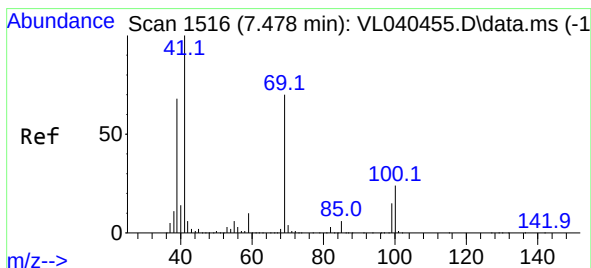
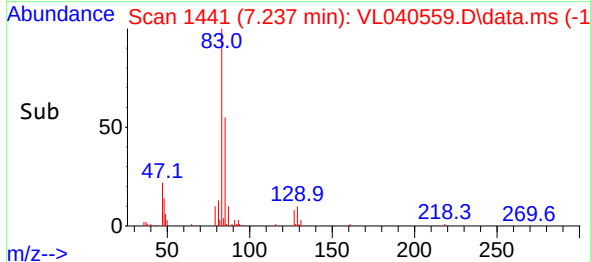
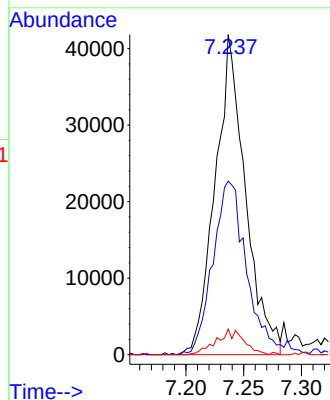
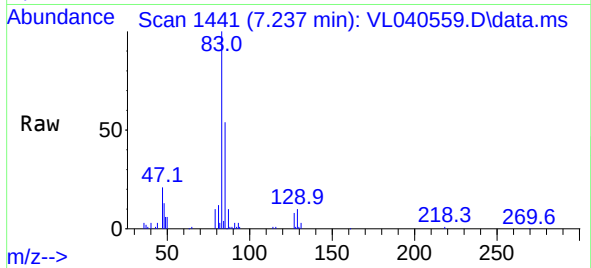




#42
Bromodichloromethane
Concen: 0.467 ppbv
RT: 7.237 min Scan# 1446
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

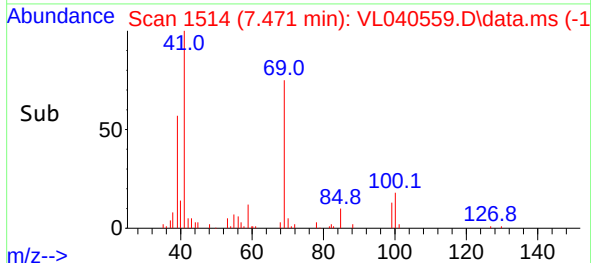
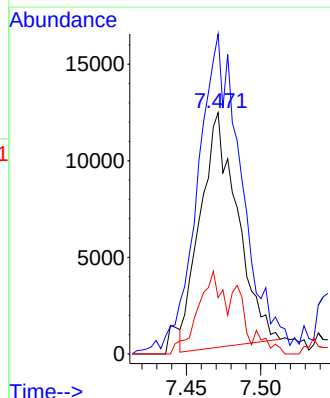
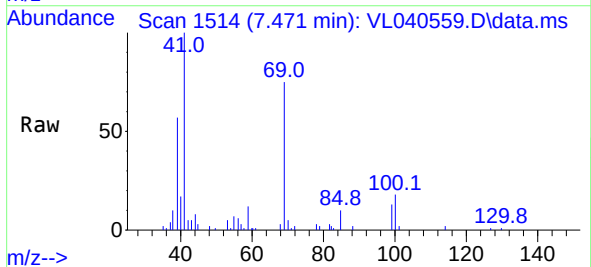
Instrument :
MSVOA_L
ClientSampleId :

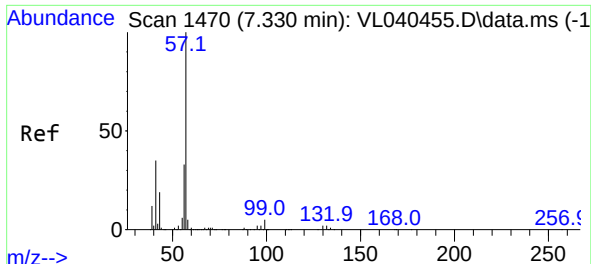
Tgt Ion: 83 Resp: 76196
Ion Ratio Lower Upper
83 100
85 53.9 51.1 76.7
127 8.0 6.5 9.7



#43
Methyl Methacrylate
Concen: 0.283 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 69 Resp: 21147
Ion Ratio Lower Upper
69 100
41 164.0 111.7 167.5
100 37.8 26.9 40.3





#44

2,2,4-Trimethylpentane

Concen: 0.231 ppbv

RT: 7.317 min Scan# 14

Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

ClientSampleId :

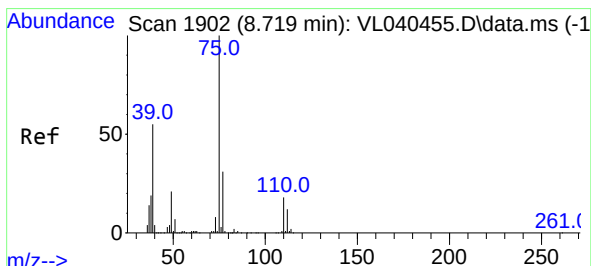
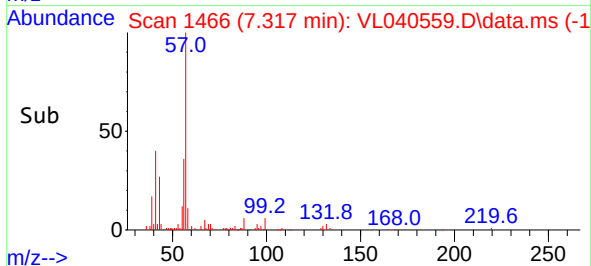
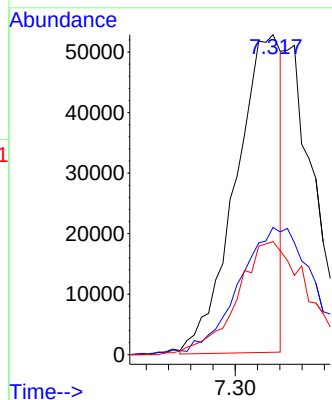
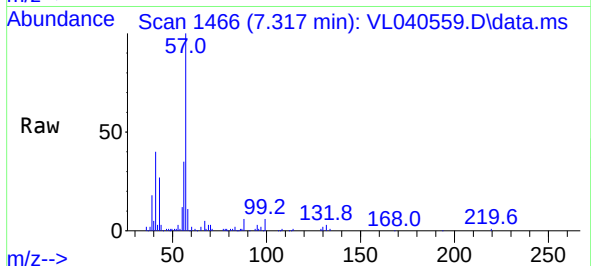
Tgt Ion: 57 Resp: 74109

Ion Ratio Lower Upper

57 100

41 69.9 25.5 38.3#

56 58.6 25.1 37.7#



#45

t-1,3-Dichloropropene

Concen: 0.283 ppbv

RT: 8.700 min Scan# 1896

Delta R.T. -0.023 min

Lab File: VL040559.D

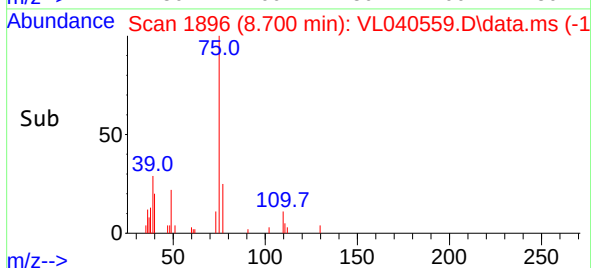
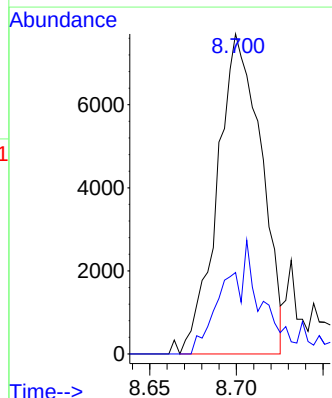
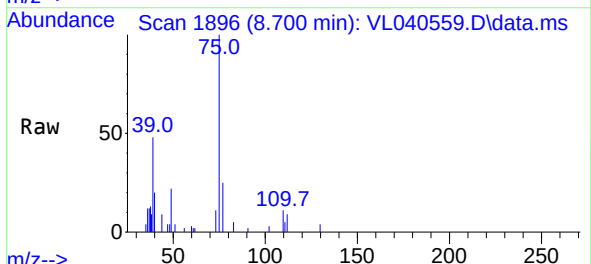
Acq: 27 Jul 2023 3:27

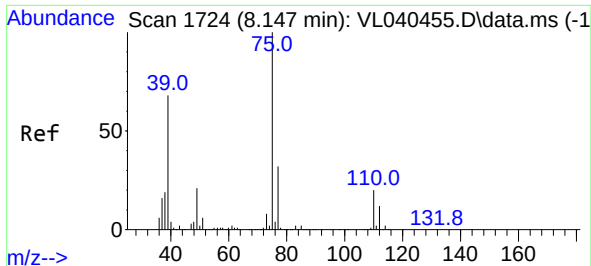
Tgt Ion: 75 Resp: 13551

Ion Ratio Lower Upper

75 100

77 25.5 26.0 39.0#

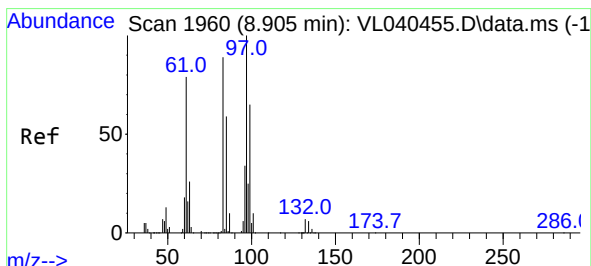
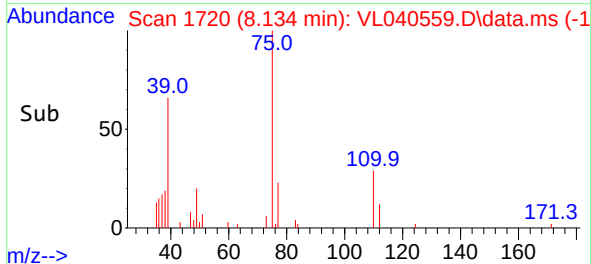
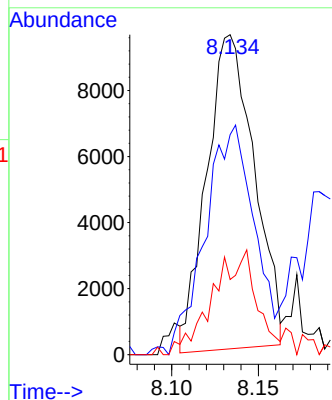
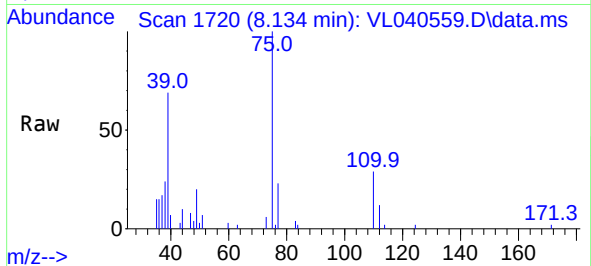




#46
 cis-1,3-Dichloropropene
 Concen: 0.295 ppbv
 RT: 8.134 min Scan# 11
 Delta R.T. -0.020 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

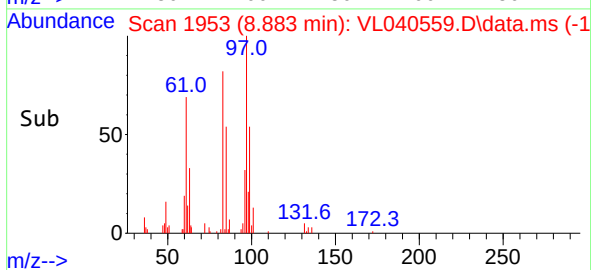
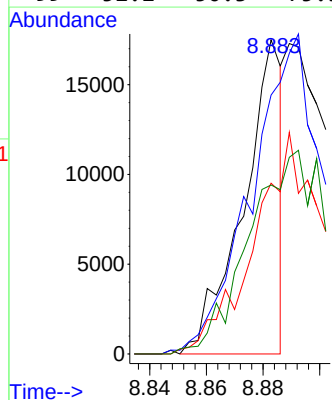
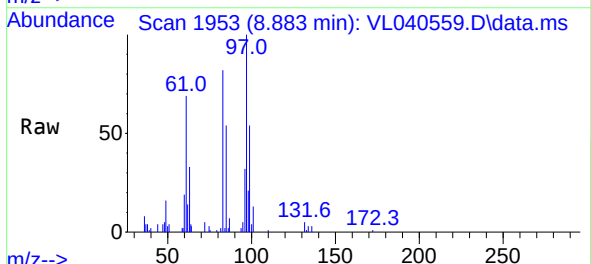
Instrument :
 MSVOA_L
 ClientSampleId :

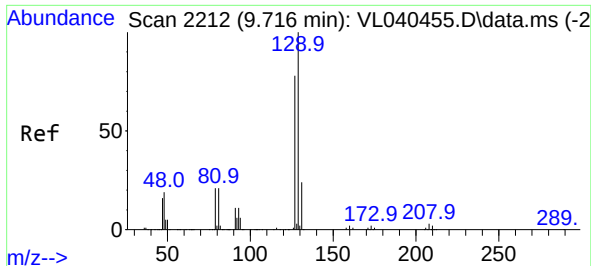
Tgt Ion: 75 Resp: 18152
 Ion Ratio Lower Upper
 75 100
 39 62.0 48.0 72.0
 77 22.3 24.0 36.0#



#47
 1,1,2-Trichloroethane
 Concen: 0.196 ppbv
 RT: 8.883 min Scan# 1953
 Delta R.T. -0.026 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

Tgt Ion: 97 Resp: 16621
 Ion Ratio Lower Upper
 97 100
 83 81.3 73.4 110.0
 85 52.9 46.6 70.0
 99 52.2 50.3 75.5





#48

Dibromochloromethane

Concen: 0.257 ppbv

RT: 9.696 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

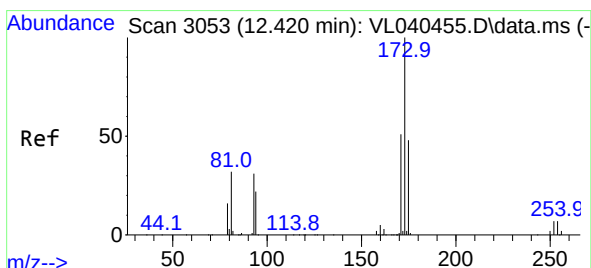
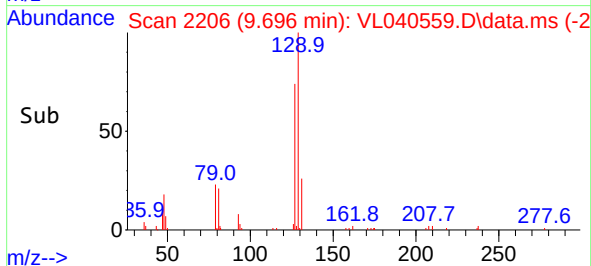
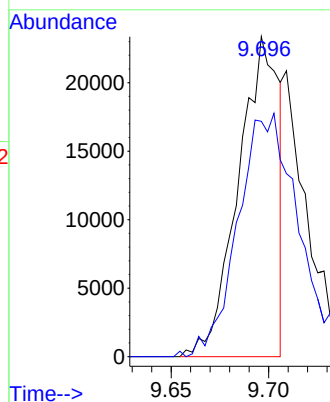
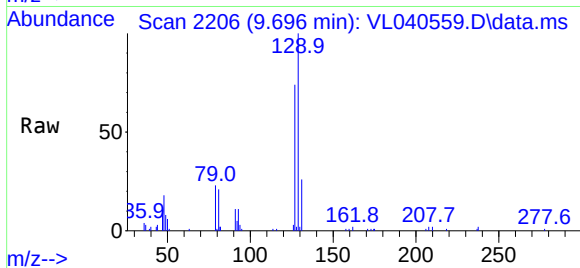
ClientSampleId :

Tgt Ion:129 Resp: 33687

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#



#49

Bromoform

Concen: 0.222 ppbv

RT: 12.397 min Scan# 3046

Delta R.T. -0.026 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

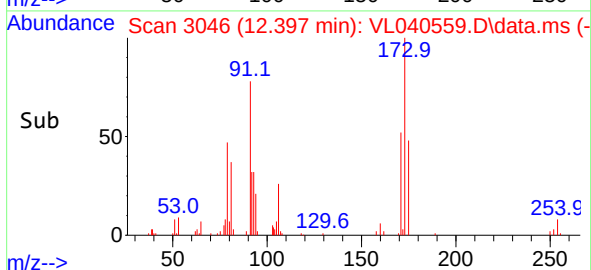
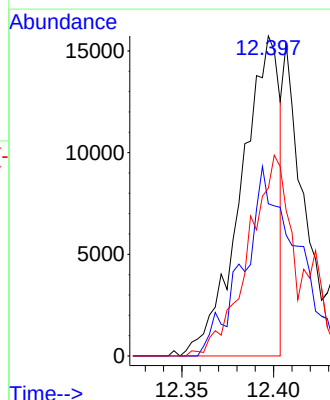
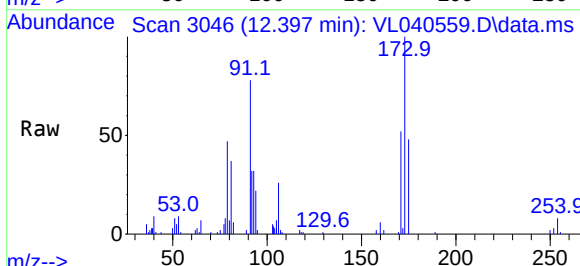
Tgt Ion:173 Resp: 23052

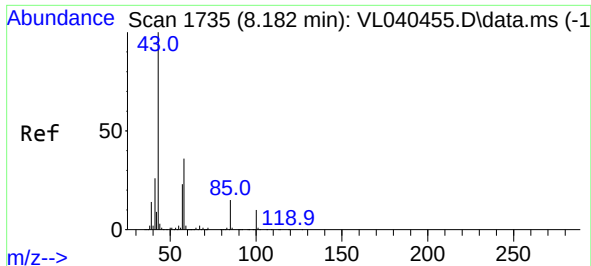
Ion Ratio Lower Upper

173 100

175 85.5 39.5 59.3#

171 86.6 42.2 63.4#





#50

4-Methyl-2-Pentanone

Concen: 0.148 ppbv

RT: 8.188 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

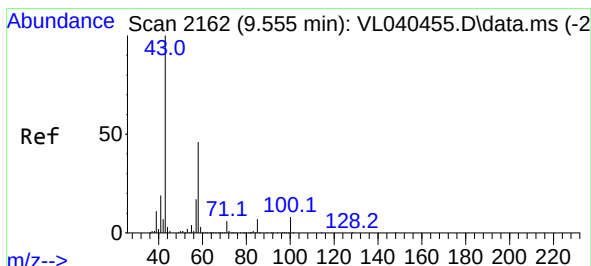
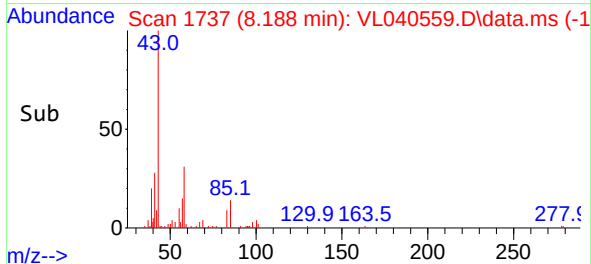
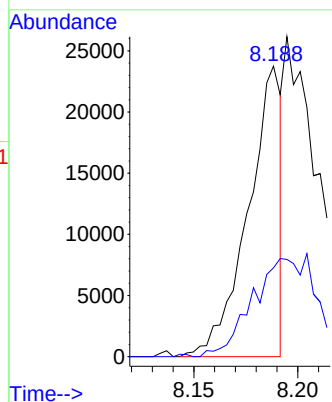
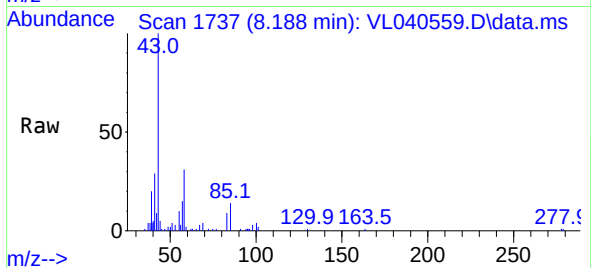
ClientSampleId :

Tgt Ion: 43 Resp: 26281

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



#51

2-Hexanone

Concen: 0.177 ppbv

RT: 9.568 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

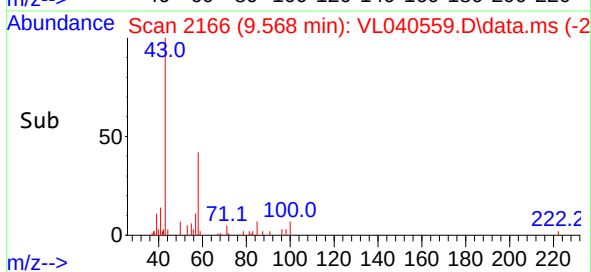
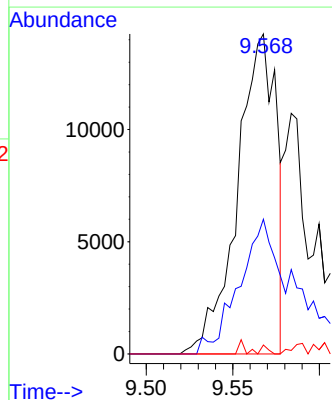
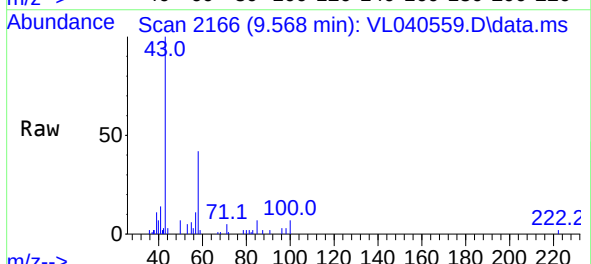
Tgt Ion: 43 Resp: 22313

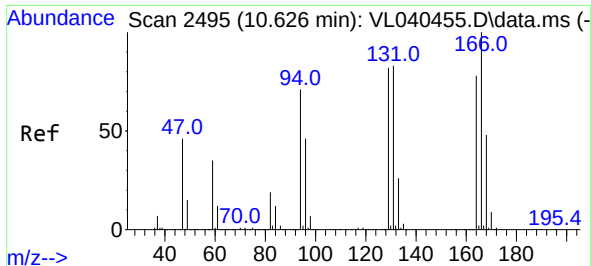
Ion Ratio Lower Upper

43 100

58 66.1 39.7 59.5#

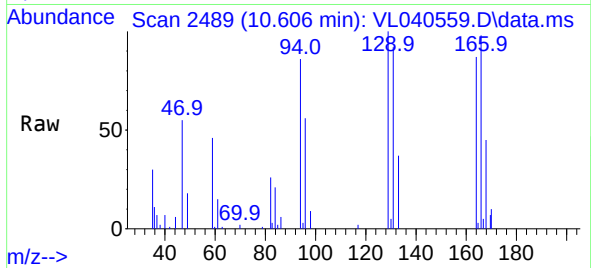
98 3.3 0.3 0.5#



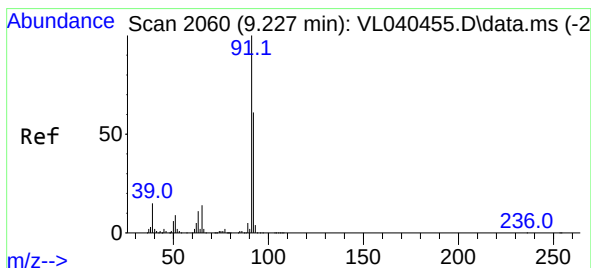
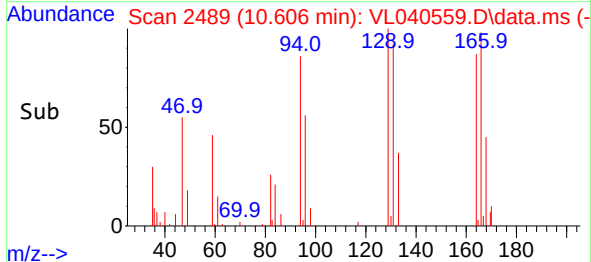
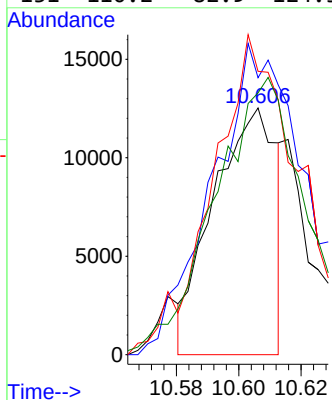


#52
Tetrachloroethene
Concen: 0.271 ppbv
RT: 10.606 min Scan# 24
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :

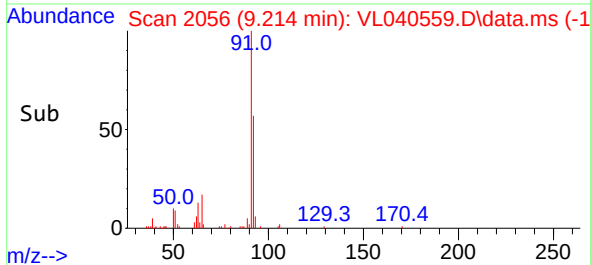
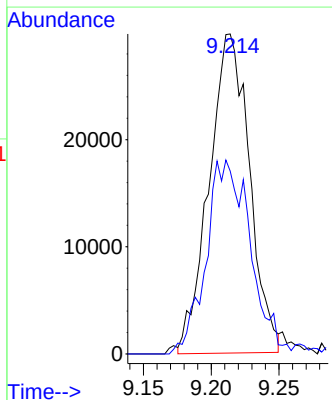
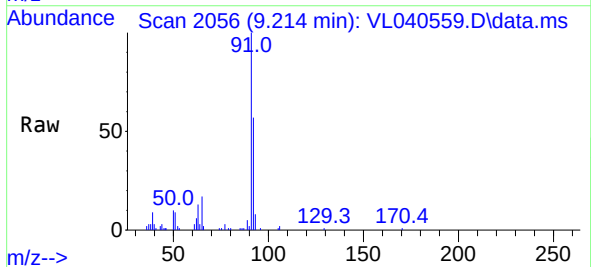


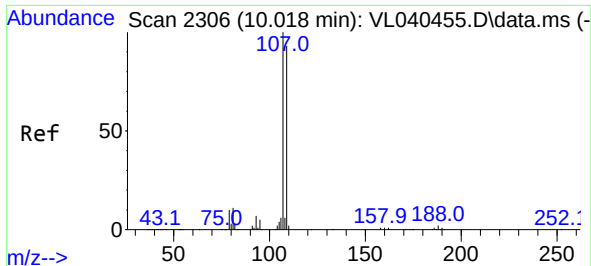
Tgt Ion:164 Resp: 17528
Ion Ratio Lower Upper
164 100
166 105.9 103.9 155.9
129 123.4 84.6 126.8
131 110.2 82.9 124.3



#53
Toluene
Concen: 0.285 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 91 Resp: 61696
Ion Ratio Lower Upper
91 100
92 67.6 49.1 73.7





#54

1,2-Dibromoethane

Concen: 0.425 ppbv

RT: 10.002 min Scan# 21

Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

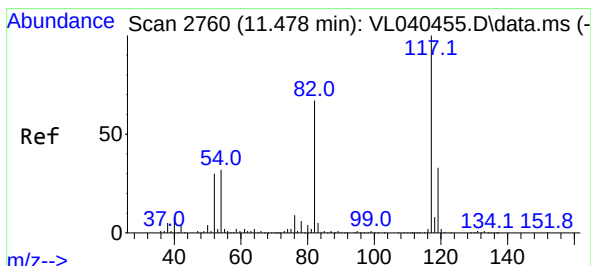
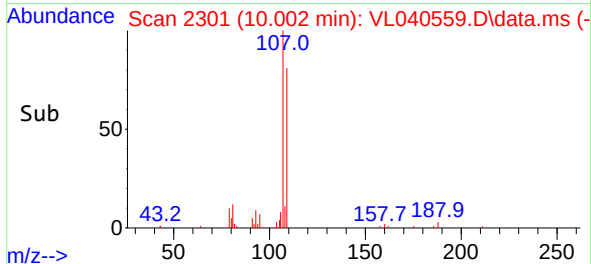
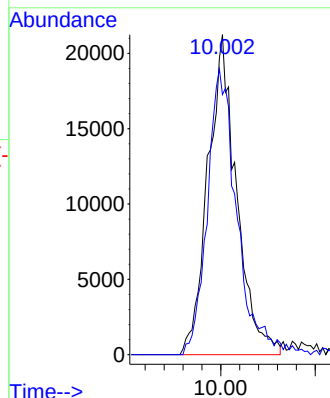
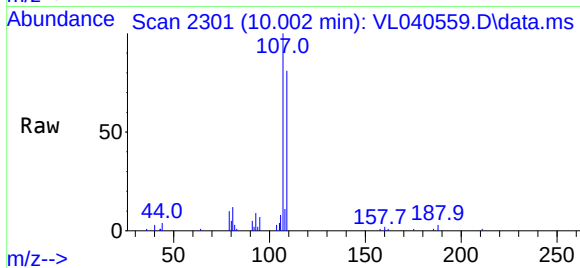
ClientSampleId :

Tgt Ion:107 Resp: 44801

Ion Ratio Lower Upper

107 100

109 81.3 75.4 113.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

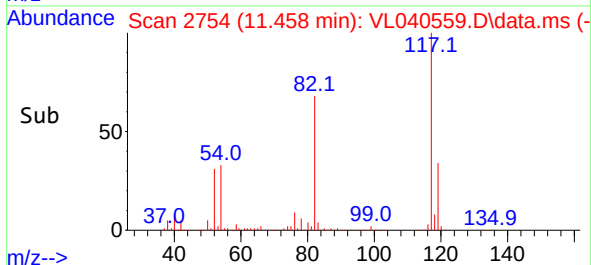
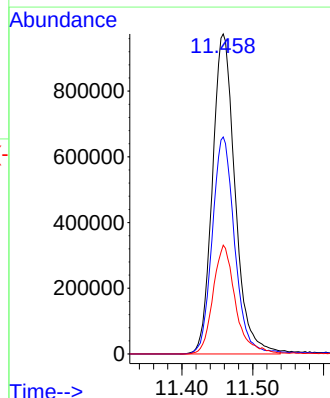
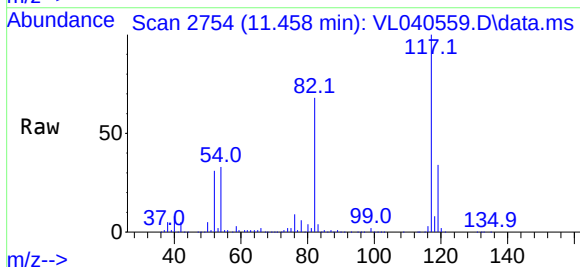
Tgt Ion:117 Resp: 2163627

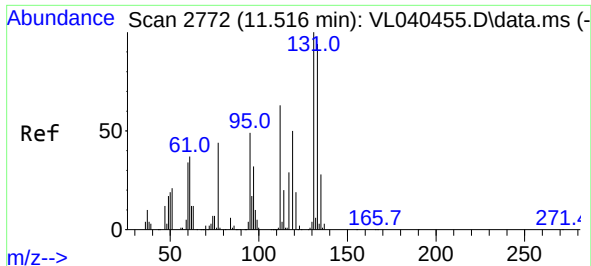
Ion Ratio Lower Upper

117 100

82 68.1 50.2 75.4

119 34.1 26.9 40.3

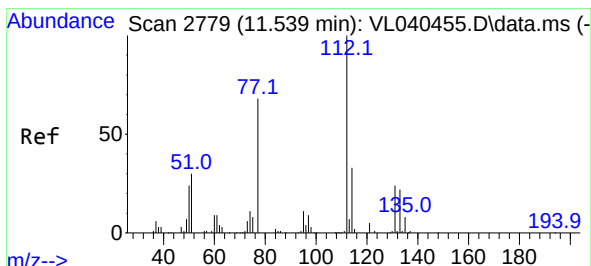
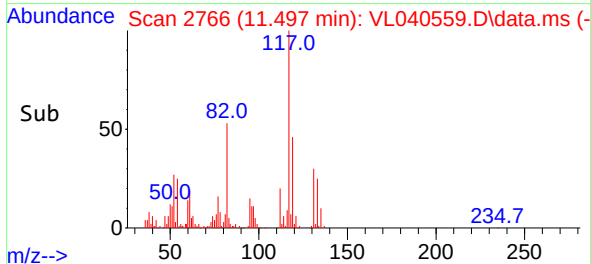
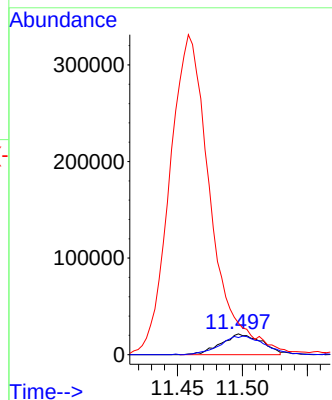
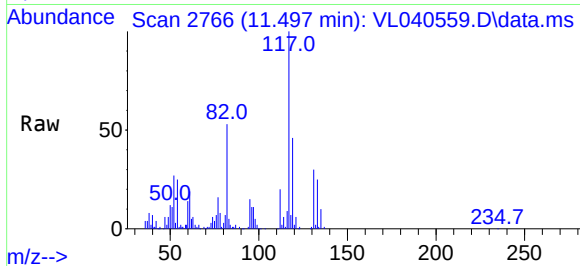




#56
1,1,1,2-Tetrachloroethane
Concen: 0.480 ppbv
RT: 11.497 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

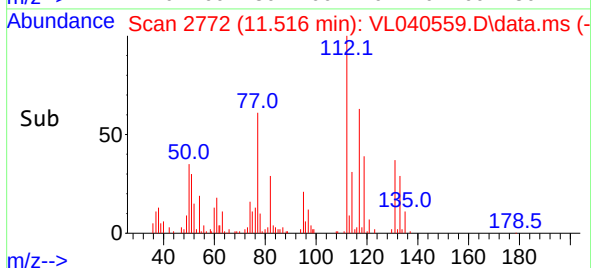
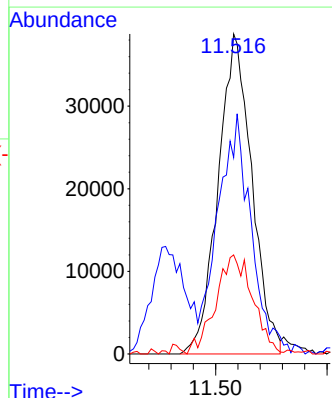
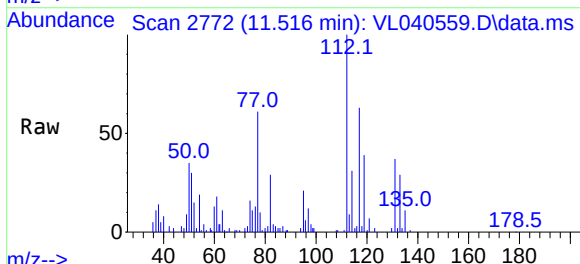
Instrument :
MSVOA_L
ClientSampleId :

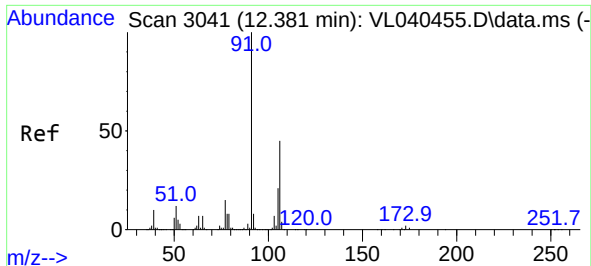
Tgt Ion:131 Resp: 46485
Ion Ratio Lower Upper
131 100
133 100.0 76.3 114.5
119 1588.4 51.1 76.7#



#57
Chlorobenzene
Concen: 0.481 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:112 Resp: 81197
Ion Ratio Lower Upper
112 100
77 56.0 51.0 76.6
114 30.3 28.3 34.5





#59

m/p-Xylene

Concen: 0.363 ppbv

RT: 12.365 min Scan# 3041

Delta R.T. -0.020 min

Lab File: VL040559.D

Acq: 27 Jul 2023 3:27

Instrument :

MSVOA_L

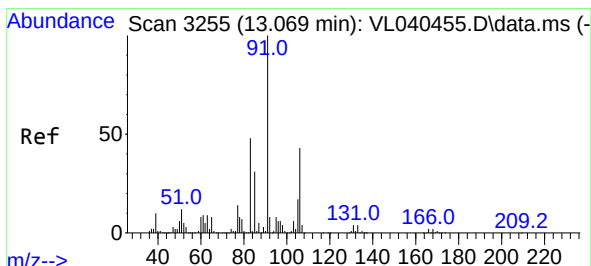
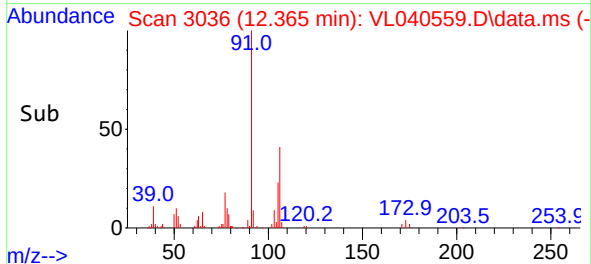
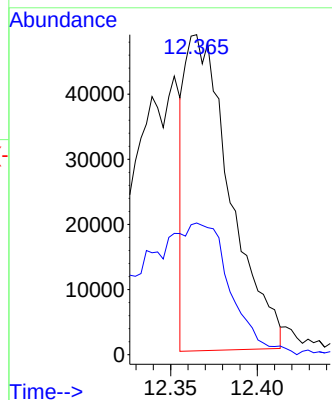
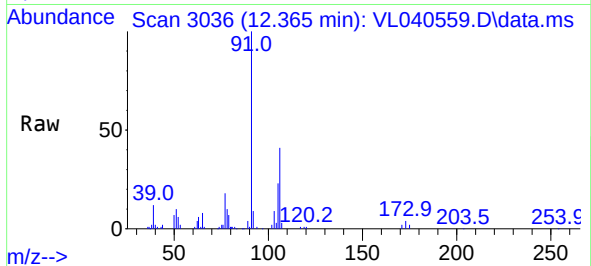
ClientSampleId :

Tgt Ion: 91 Resp: 87970

Ion Ratio Lower Upper

91 100

106 83.7 35.9 53.9#



#60

o-Xylene

Concen: 0.246 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.016 min

Lab File: VL040559.D

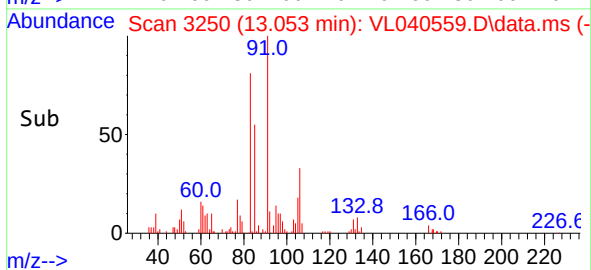
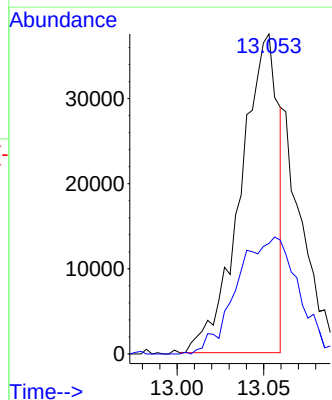
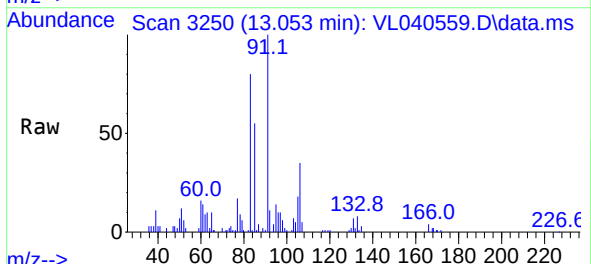
Acq: 27 Jul 2023 3:27

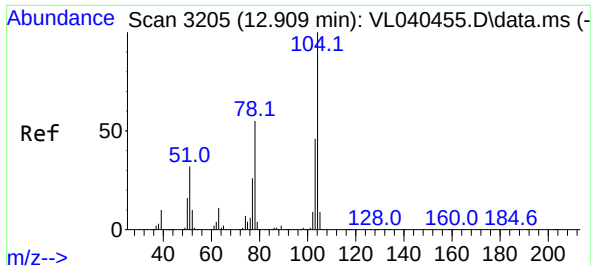
Tgt Ion: 91 Resp: 56760

Ion Ratio Lower Upper

91 100

106 60.7 22.7 68.0

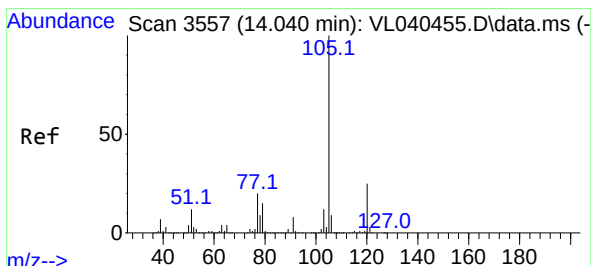
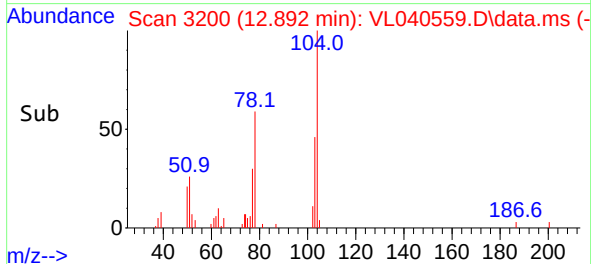
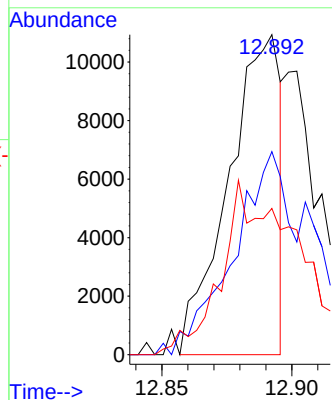
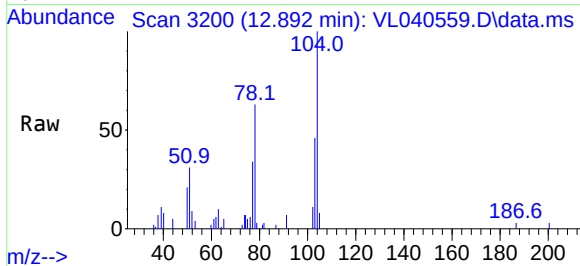




#61
Styrene
Concen: 0.142 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

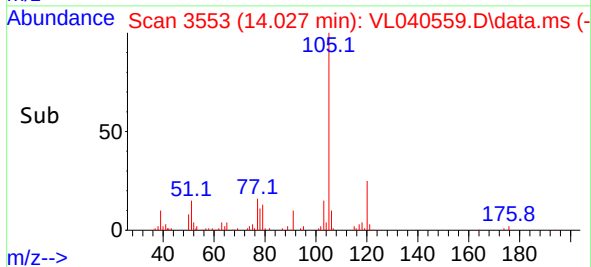
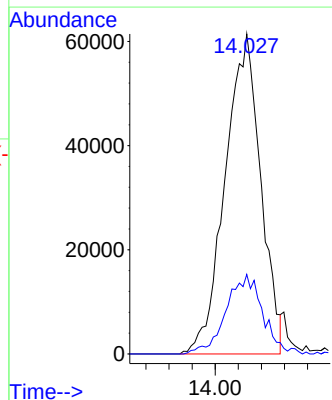
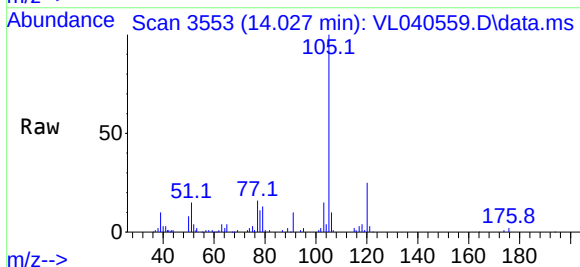
Instrument :
MSVOA_L
ClientSampleId :

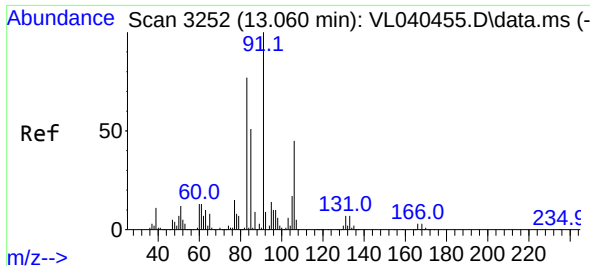
Tgt Ion:104 Resp: 15159
Ion Ratio Lower Upper
104 100
78 101.0 40.1 60.1#
103 84.6 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.379 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:105 Resp: 131167
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2

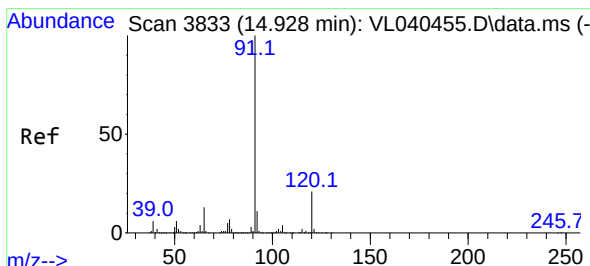
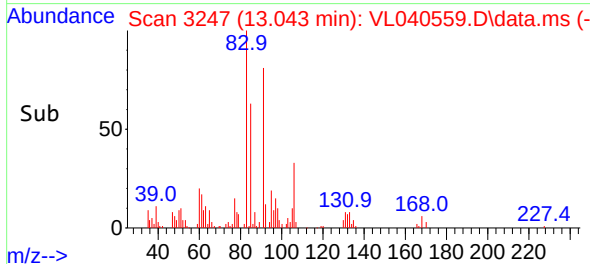
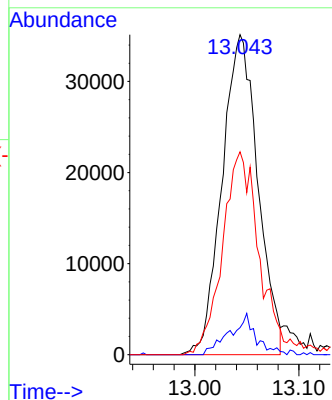
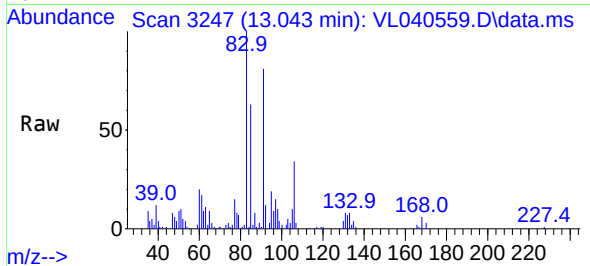




#63
1,1,2,2-Tetrachloroethane
Concen: 0.521 ppbv
RT: 13.043 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

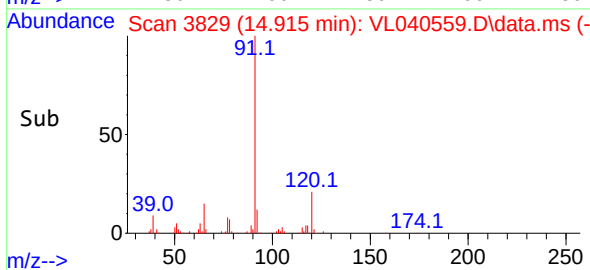
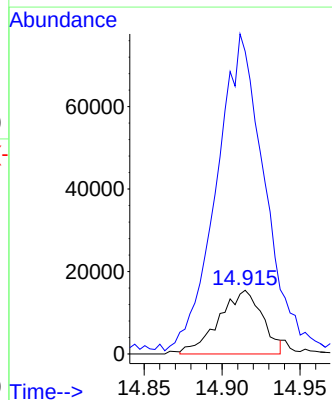
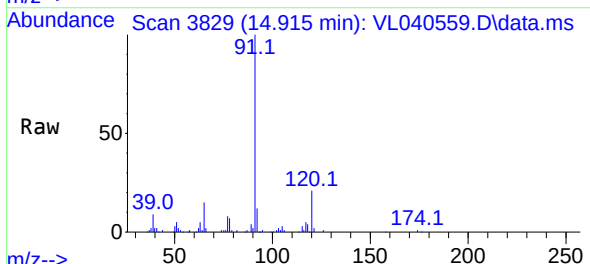
Instrument :
MSVOA_L
ClientSampleId :

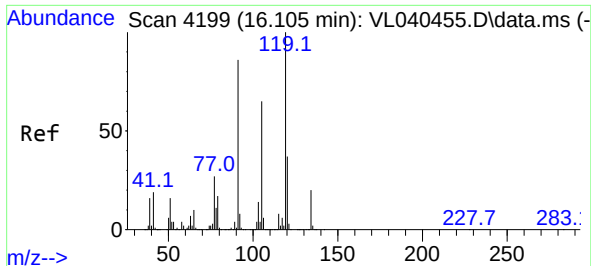
Tgt Ion: 83 Resp: 84155
Ion Ratio Lower Upper
83 100
131 9.6 4.6 13.8
85 66.4 32.8 98.3



#64
n-propylbenzene
Concen: 0.335 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:120 Resp: 30005
Ion Ratio Lower Upper
120 100
91 570.5 374.3 561.5#

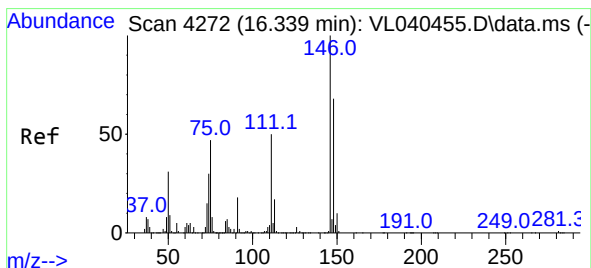
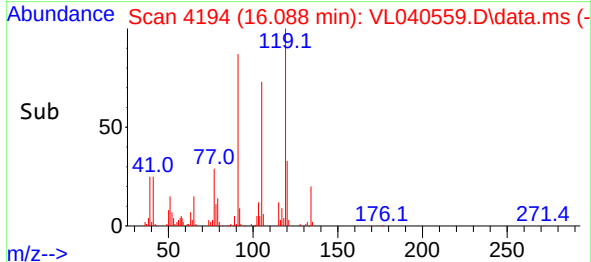
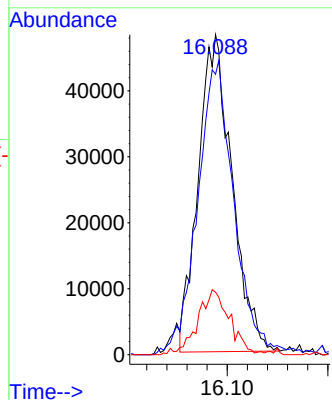
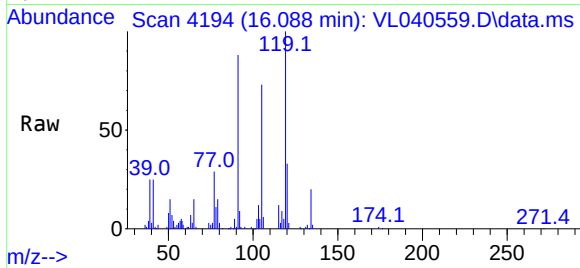




#65
tert-Butylbenzene
Concen: 0.366 ppbv
RT: 16.088 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

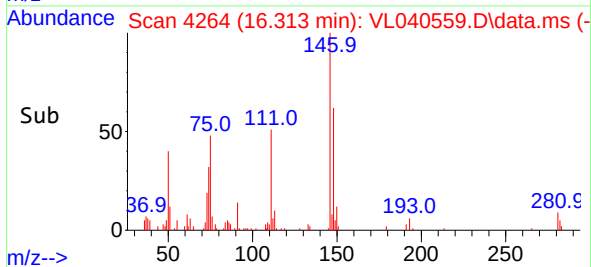
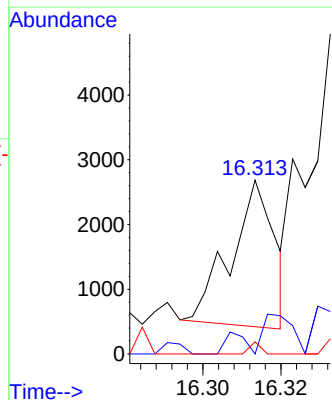
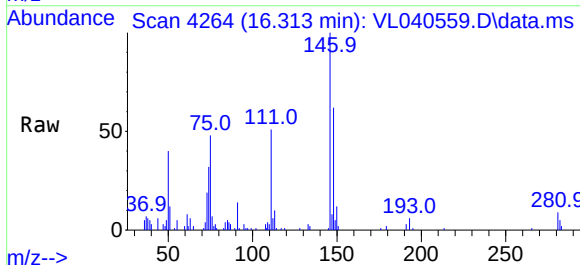
Instrument :
MSVOA_L
ClientSampleId :

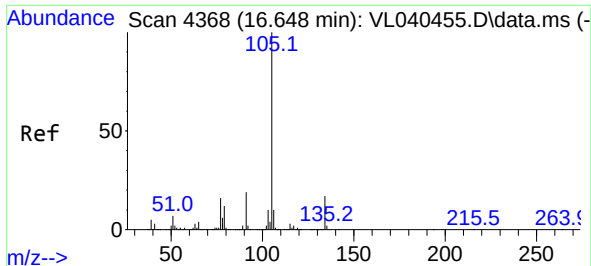
Tgt Ion:119 Resp: 112118
Ion Ratio Lower Upper
119 100
91 101.2 66.1 99.1#
134 19.8 15.7 23.5



#66
Benzyl Chloride
Concen: 0.080 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 91 Resp: 1735
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#

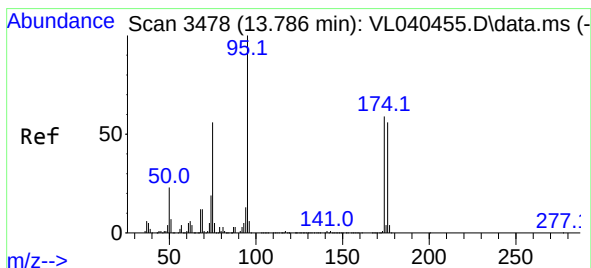
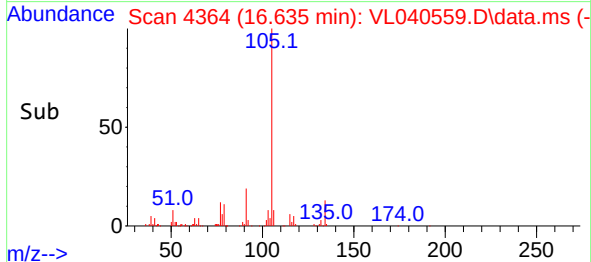
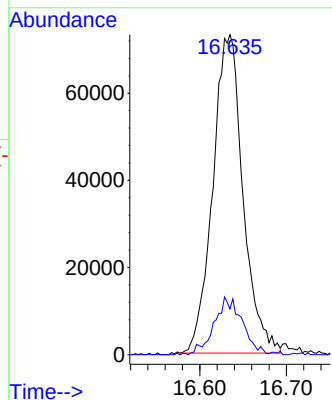
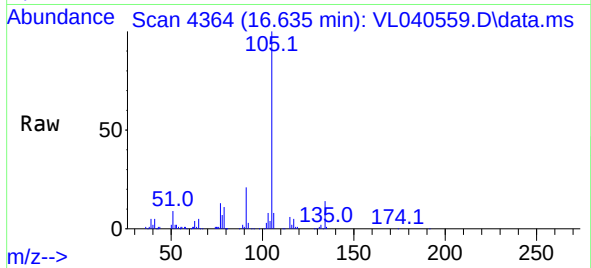




#67
 sec-Butylbenzene
 Concen: 0.393 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

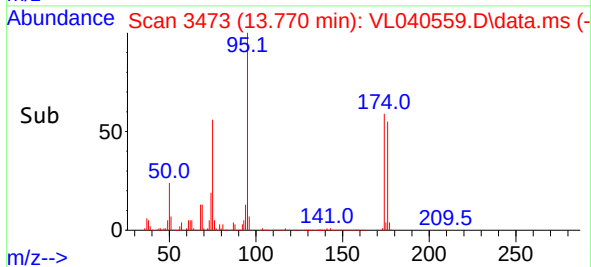
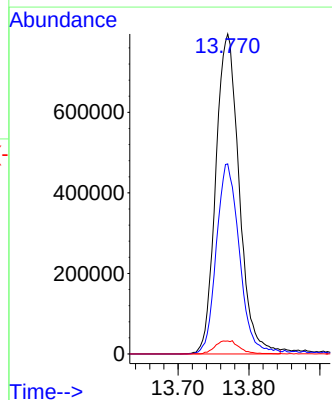
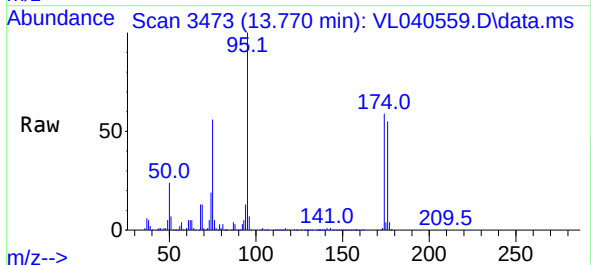
Instrument :
 MSVOA_L
 ClientSampleId :

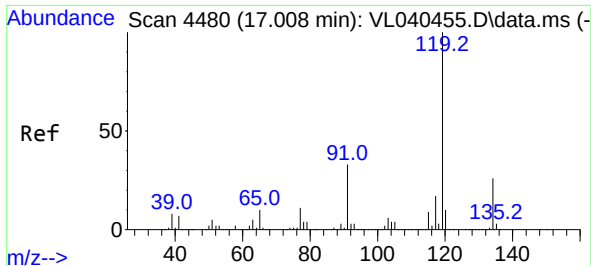
Tgt Ion:105 Resp: 177018
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.638 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040559.D
 Acq: 27 Jul 2023 3:27

Tgt Ion: 95 Resp: 1821653
 Ion Ratio Lower Upper
 95 100
 174 60.3 50.6 75.8
 175 4.4 3.7 5.5

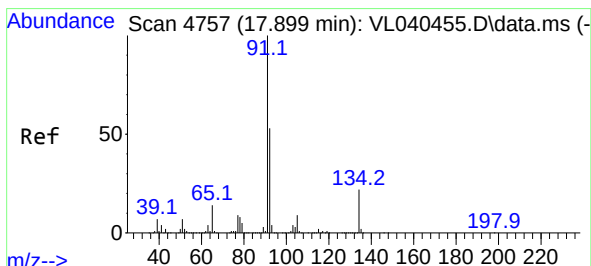
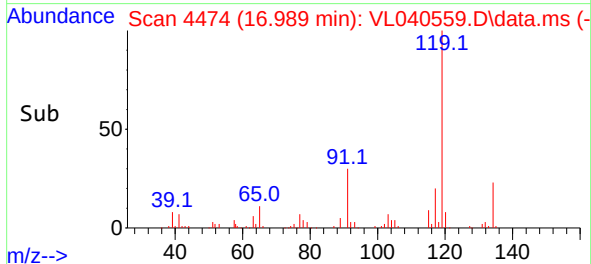
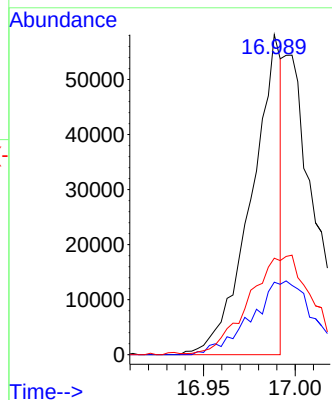
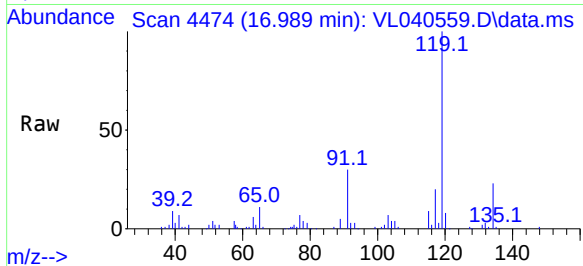




#69
p-Isopropyltoluene
Concen: 0.178 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

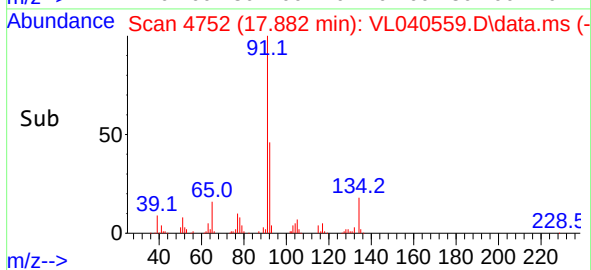
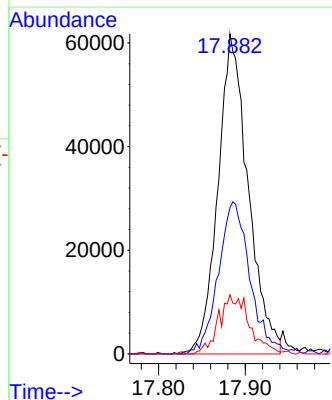
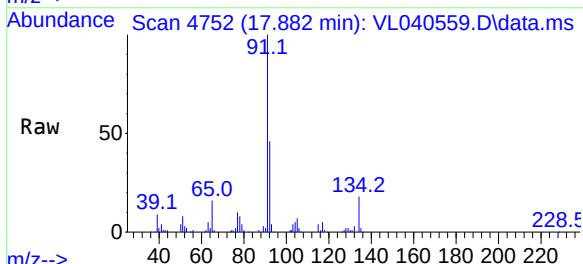
Instrument :
MSVOA_L
ClientSampleId :

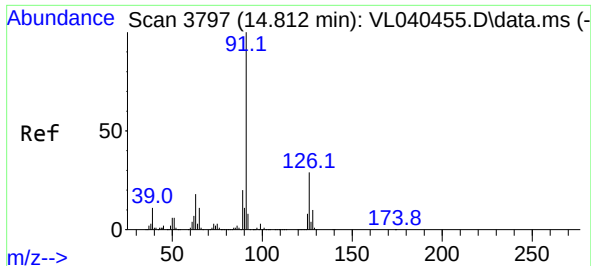
Tgt Ion:119 Resp: 66217
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 0.0 23.8 35.8#



#70
n-Butylbenzene
Concen: 0.361 ppbv
RT: 17.882 min Scan# 4752
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 91 Resp: 149683
Ion Ratio Lower Upper
91 100
92 51.1 43.4 65.0
134 19.0 18.1 27.1

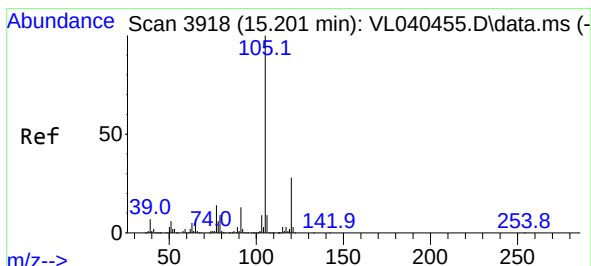
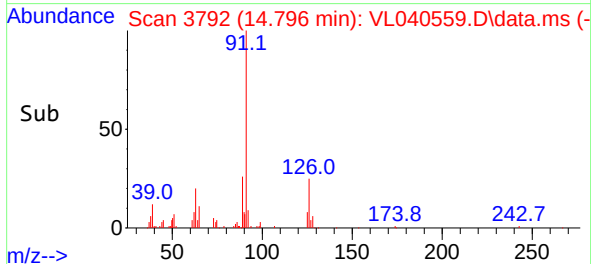
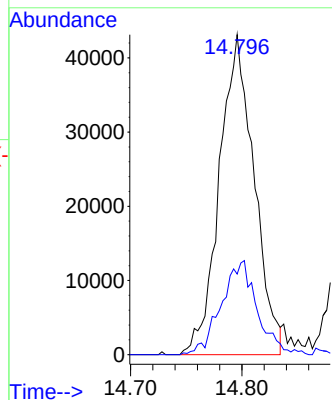
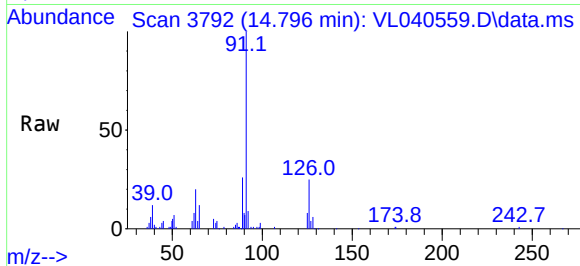




#71
2-Chlorotoluene
Concen: 0.350 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

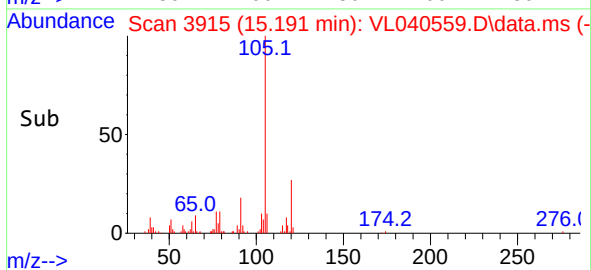
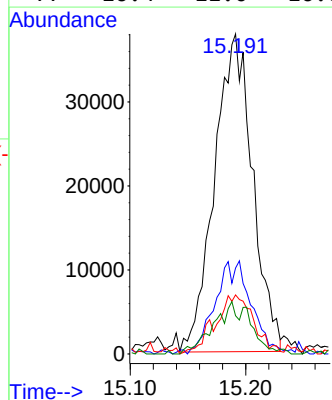
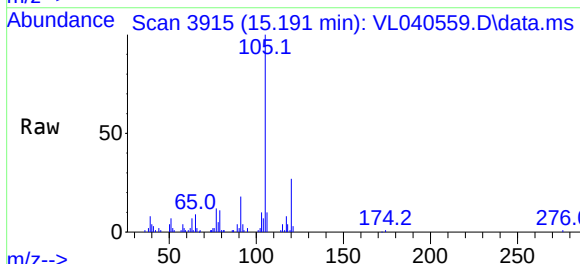
Instrument :
MSVOA_L
ClientSampleId :

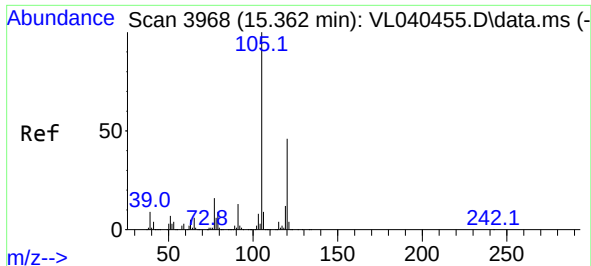
Tgt Ion: 91 Resp: 93400
Ion Ratio Lower Upper
91 100
126 30.5 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.320 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion: 105 Resp: 86501
Ion Ratio Lower Upper
105 100
120 29.6 24.6 37.0
91 18.9 10.7 16.1#
77 16.4 11.0 16.6

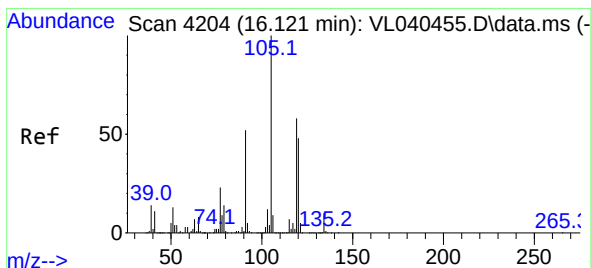
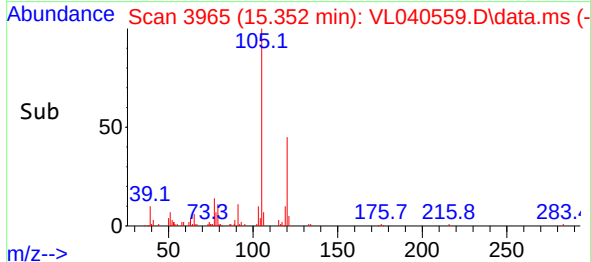
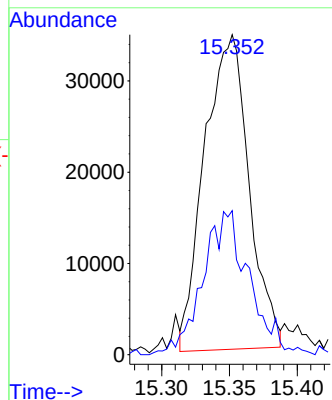
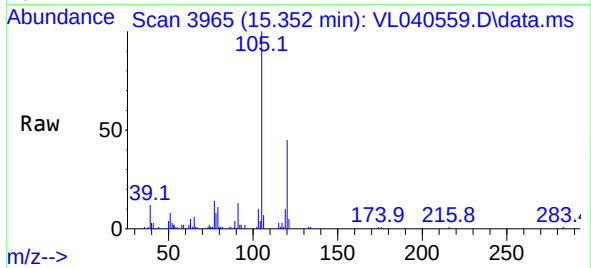




#73
1,3,5-Trimethylbenzene
Concen: 0.330 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. -0.010 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

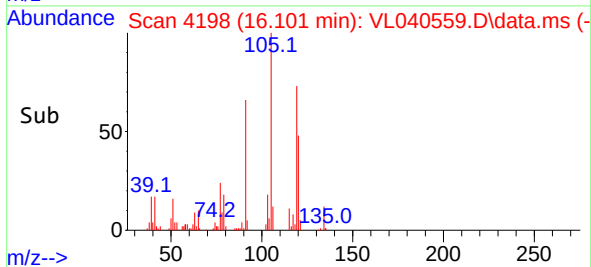
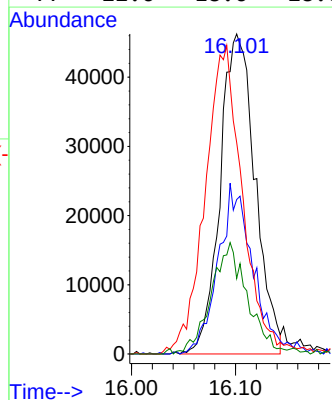
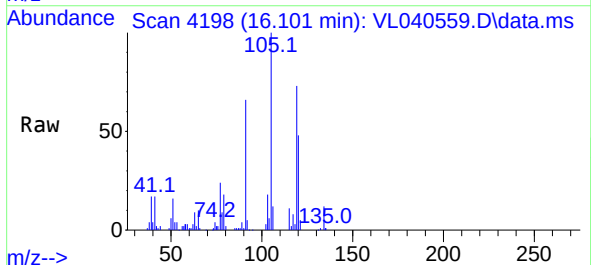
Instrument :
MSVOA_L
ClientSampleId :

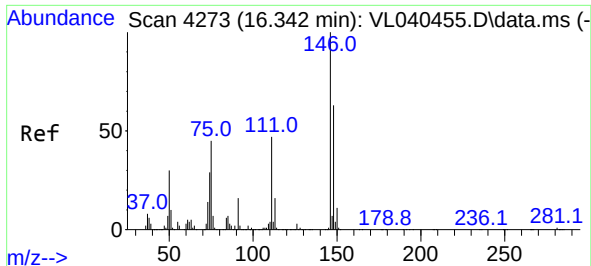
Tgt Ion:105 Resp: 78655
Ion Ratio Lower Upper
105 100
120 44.3 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 0.389 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:105 Resp: 108186
Ion Ratio Lower Upper
105 100
120 48.3 40.3 60.5
91 62.4 46.8 70.2
77 22.6 18.6 28.0

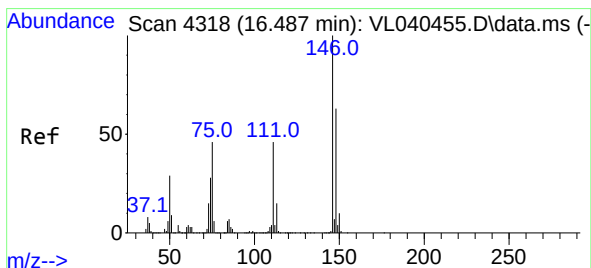
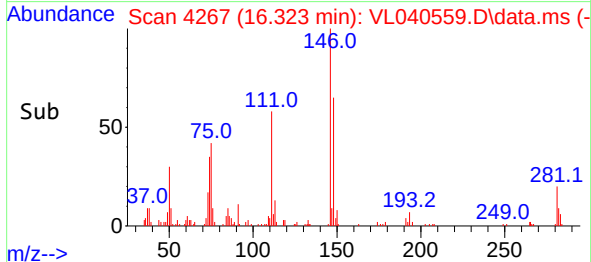
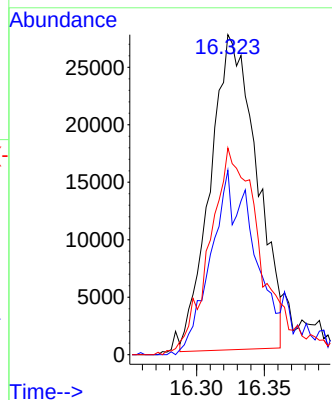
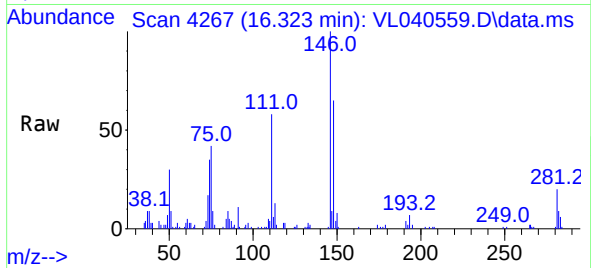




#75
1,3-Dichlorobenzene
Concen: 0.388 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.020 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

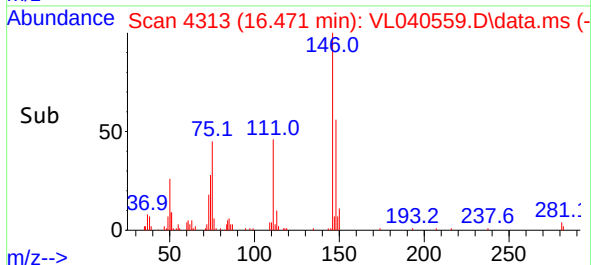
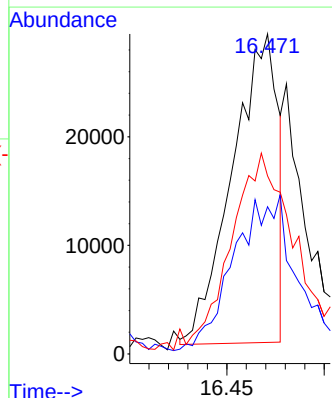
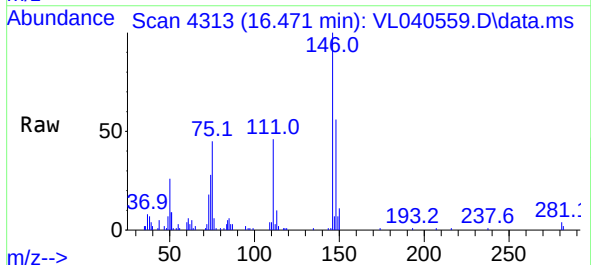
Instrument :
MSVOA_L
ClientSampleId :

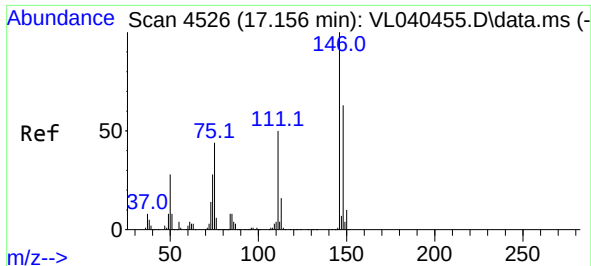
Tgt Ion:146 Resp: 65416
Ion Ratio Lower Upper
146 100
111 64.4 23.6 71.0
148 74.9 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 0.280 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

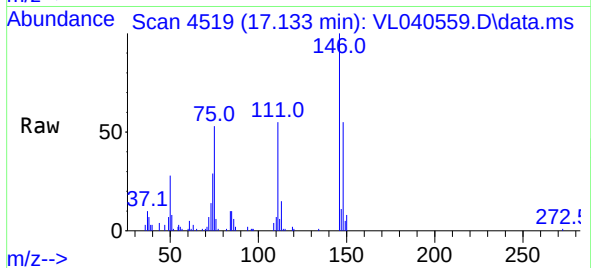
Tgt Ion:146 Resp: 46261
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 103.1 32.6 97.8#



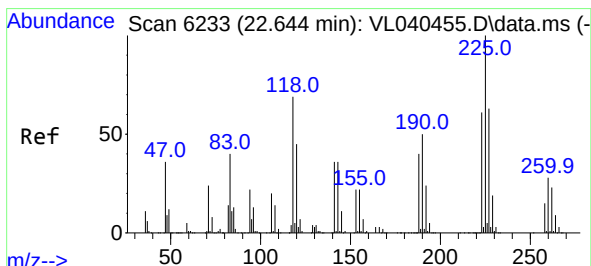
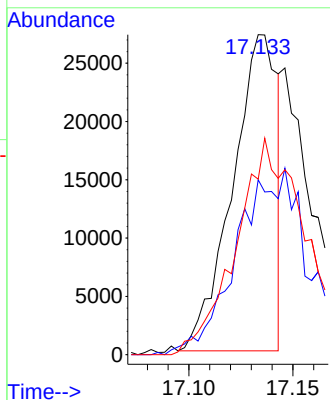
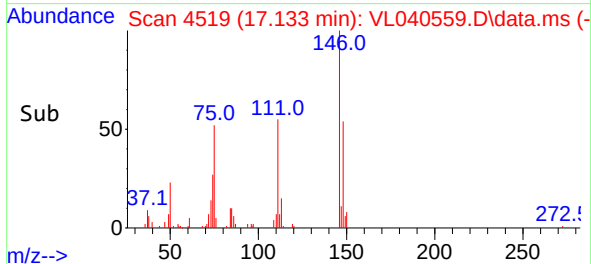


#77
1,2-Dichlorobenzene
Concen: 0.252 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.019 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

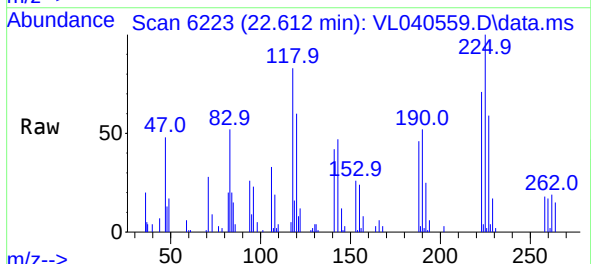
Instrument :
MSVOA_L
ClientSampleId :



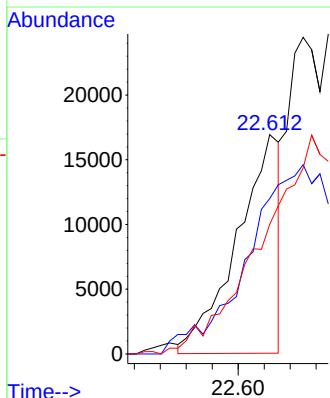
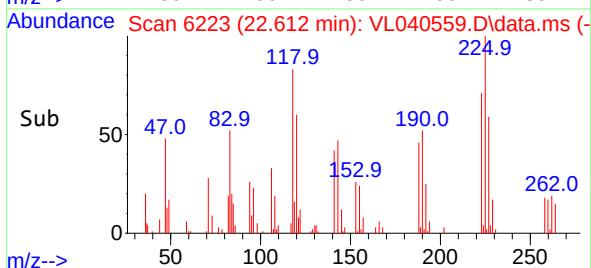
Tgt Ion:146 Resp: 40596
Ion Ratio Lower Upper
146 100
111 0.0 24.3 72.8#
148 114.1 32.1 96.3#

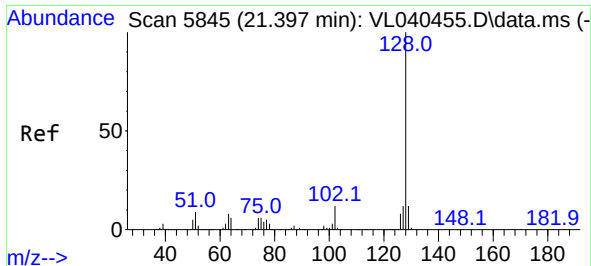


#78
Hexachloro-1,3-Butadiene
Concen: 0.128 ppbv
RT: 22.612 min Scan# 6223
Delta R.T. -0.036 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27



Tgt Ion:225 Resp: 19330
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#



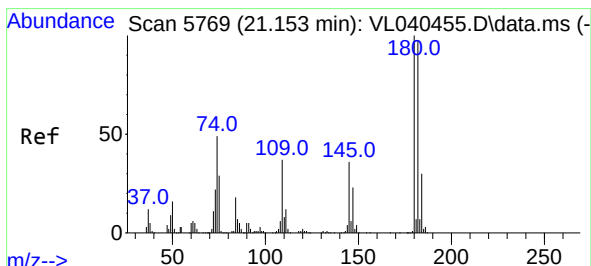
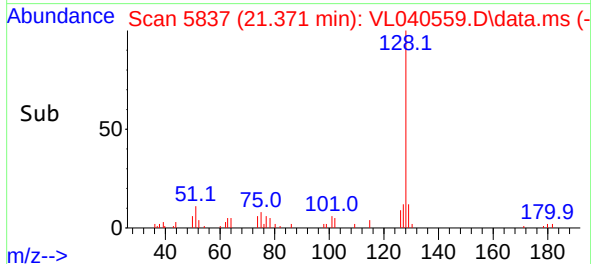
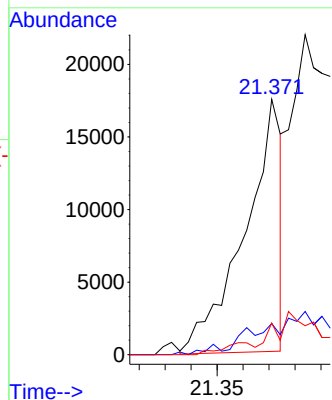
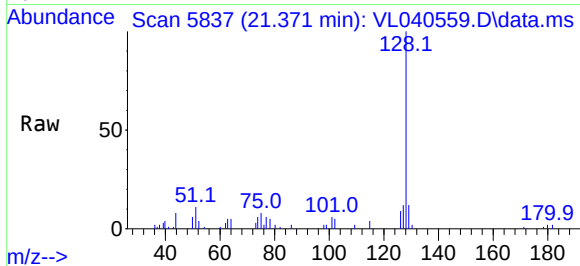


#79
Naphthalene
Concen: 0.073 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.023 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 17141

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.7	16.1
129	12.6	9.2	13.8



#81
1,2,4-Trichlorobenzene
Concen: 0.179 ppbv
RT: 21.136 min Scan# 5764
Delta R.T. -0.013 min
Lab File: VL040559.D
Acq: 27 Jul 2023 3:27

Tgt Ion:180 Resp: 29049

Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.5	116.3#
184	0.0	24.5	36.7#

