

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040563.D
 Acq On : 27 Jul 2023 6:09
 Operator : SY/MD
 Sample : 03695-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 06:45:43 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	5.182	49	968414	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2390136	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2319107	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1953506	10.643	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	46207	0.239	ppbv	96
3) Chlorodifluoromethane	2.658	51	56979	0.371	ppbv	95
4) Chloromethane	2.796	50	44895	0.738	ppbv	95
5) Vinyl Chloride	2.906	62	15702	0.246	ppbv	89
6) Bromomethane	3.124	94	112	0.004	ppbv #	2
7) Chloroethane	3.182	64	5203	0.232	ppbv #	82
8) Dichlorotetrafluoroethane	2.845	85	5887	0.037	ppbv	97
9) Propene	2.678	41	654905	12.463	ppbv	94
10) Heptane	7.578	43	73067	0.630	ppbv	91
11) Trichlorofluoromethane	3.549	101	51809	0.331	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.057	101	11702	0.106	ppbv	96
13) Ethanol	3.221	45	145386	12.716	ppbv	98
14) Bromoethene	3.369	108	99	0.002	ppbv #	1
15) Acetone	3.449	43	5930980	53.206	ppbv	99
16) 1,3-Butadiene	2.999	39	147209	2.618	ppbv #	8
17) tert-Butyl alcohol	3.864	59	1239511	10.751	ppbv	99
18) 1,1-Dichloroethene	3.867	96	1248	0.025	ppbv #	45
19) Isopropyl Alcohol	3.565	45	167580	2.619	ppbv #	96
20) Methylene Chloride	3.922	84	263847	5.564	ppbv	93
21) Allyl Chloride	3.941	41	12487	0.196	ppbv #	1
22) trans-1,2-Dichloroethene	4.443	96	602	0.012	ppbv #	1
23) Vinyl Acetate	4.600	43	131516	1.238	ppbv #	21
24) 1,1-Dichloroethane	4.549	63	1190	0.011	ppbv #	90
25) Ethyl Acetate	5.205	43	142485	0.671	ppbv #	78
26) Hexane	5.202	57	182575	1.852	ppbv #	40
27) Carbon Disulfide	4.115	76	243294	2.098	ppbv	100
28) Methyl tert-Butyl Ether	4.578	73	1319	0.017	ppbv #	52
29) Chloroform	5.710	83	594	0.004	ppbv	89
30) Cyclohexane	6.597	84	107600	1.312	ppbv #	88
31) cis-1,2-Dichloroethene	5.063	61	1563	0.016	ppbv #	43
32) 1,1,1-Trichloroethane	5.986	97	1258	0.008	ppbv #	1
34) 2-Butanone	4.771	43	3365112	28.493	ppbv	98
35) Carbon Tetrachloride	6.484	117	6443	0.045	ppbv #	30
36) Benzene	6.362	78	479833	2.495	ppbv	98
37) 1,2-Dichloroethane	5.800	62	4496	0.040	ppbv	99
38) Trichloroethene	7.288	130	635	0.009	ppbv #	75
39) 1,2-Dichloropropane	6.645	63	625770	8.453	ppbv #	27
40) 1,4-Dioxane	7.291	88	975	0.042	ppbv #	13
41) Tetrahydrofuran	5.549	42	17397	0.252	ppbv #	34
42) Bromodichloromethane	7.243	83	2202	0.014	ppbv #	25
43) Methyl Methacrylate	7.465	69	8115	0.113	ppbv #	1
44) 2,2,4-Trimethylpentane	7.324	57	59887	0.194	ppbv #	1
45) t-1,3-Dichloropropene	8.703	75	376	0.008	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040563.D
 Acq On : 27 Jul 2023 6:09
 Operator : SY/MD
 Sample : 03695-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

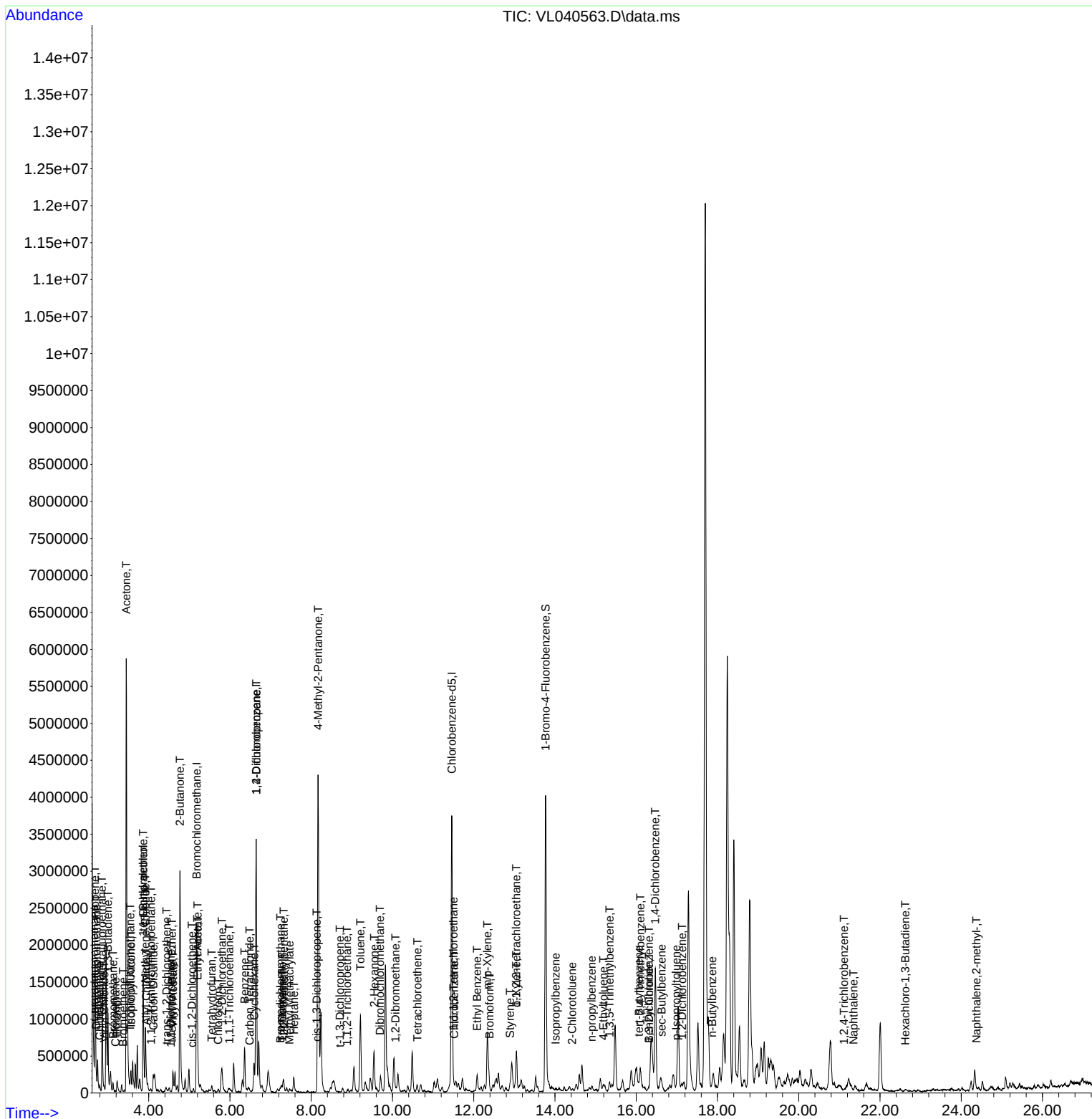
Instrument :
 MSVOA_L
 ClientSampleId :

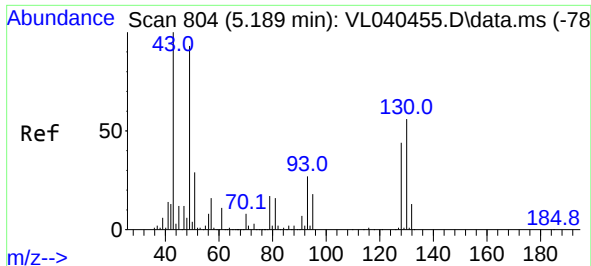
Quant Time: Jul 27 06:45:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.134	75	545	0.009	ppbv	#	1
47) 1,1,2-Trichloroethane	8.883	97	398	0.005	ppbv	#	58
48) Dibromochloromethane	9.697	129	372	0.003	ppbv	#	10
49) Bromoform	12.391	173	488	0.005	ppbv	#	27
50) 4-Methyl-2-Pentanone	8.169	43	3635427	21.185	ppbv		96
51) 2-Hexanone	9.549	43	465631	3.837	ppbv	#	94
52) Tetrachloroethene	10.616	164	5780	0.093	ppbv		90
53) Toluene	9.211	91	495297	2.371	ppbv		100
54) 1,2-Dibromoethane	10.076	107	110	0.001	ppbv		83
56) 1,1,1,2-Tetrachloroethane	11.500	131	335	0.003	ppbv	#	9
57) Chlorobenzene	11.516	112	5630	0.031	ppbv	#	37
58) Ethyl Benzene	12.082	91	176893	0.608	ppbv		98
59) m/p-Xylene	12.336	91	738342	2.842	ppbv		100
60) o-Xylene	13.050	91	405949	1.641	ppbv		99
61) Styrene	12.896	104	8380	0.073	ppbv	#	14
62) Isopropylbenzene	14.018	105	8617	0.023	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.047	83	661	0.004	ppbv	#	24
64) n-propylbenzene	14.905	120	4032	0.042	ppbv	#	1
65) tert-Butylbenzene	16.069	119	1413	0.004	ppbv	#	17
66) Benzyl Chloride	16.310	91	509	0.022	ppbv	#	63
67) sec-Butylbenzene	16.625	105	6754	0.014	ppbv	#	1
69) p-Isopropyltoluene	16.982	119	11482	0.029	ppbv	#	47
70) n-Butylbenzene	17.870	91	5314	0.012	ppbv	#	33
71) 2-Chlorotoluene	14.423	91	664	0.002	ppbv		92
72) 4-Ethyltoluene	15.188	105	31903	0.110	ppbv	#	54
73) 1,3,5-Trimethylbenzene	15.346	105	43569	0.170	ppbv	#	80
74) 1,2,4-Trimethylbenzene	16.101	105	173860	0.583	ppbv	#	64
75) 1,3-Dichlorobenzene	16.314	146	373	0.002	ppbv	#	23
76) 1,4-Dichlorobenzene	16.468	146	11752	0.066	ppbv	#	1
77) 1,2-Dichlorobenzene	17.134	146	1376	0.008	ppbv	#	1
78) Hexachloro-1,3-Butadiene	22.622	225	1438	0.009	ppbv	#	1
79) Naphthalene	21.352	128	2667	0.011	ppbv		98
80) Naphthalene,2-methyl-	24.374	142	4055	0.039	ppbv	#	48
81) 1,2,4-Trichlorobenzene	21.117	180	624	0.004	ppbv	#	12

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

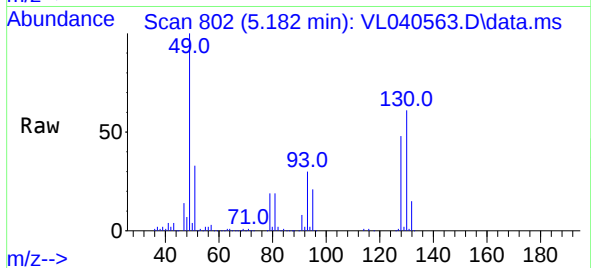
Quant Time: Jul 27 06:45:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration



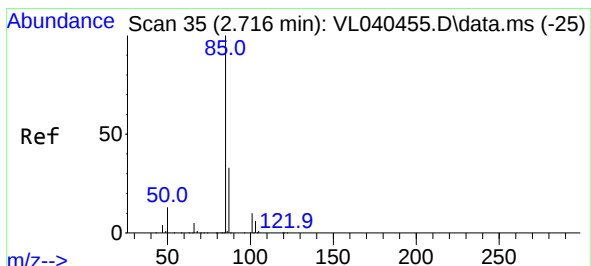
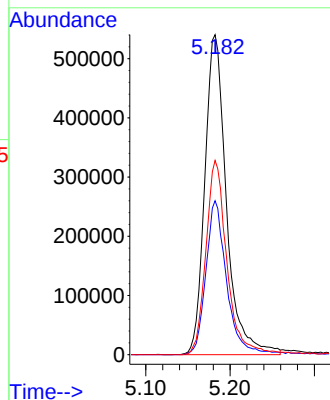
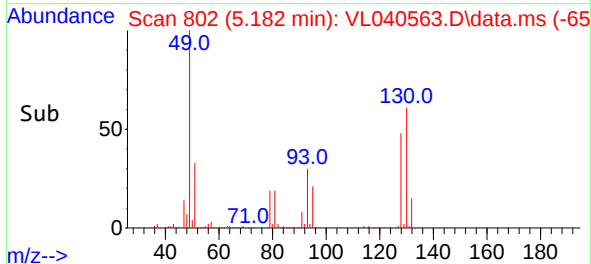


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.020 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Instrument :
 MSVOA_L
 ClientSampleId :

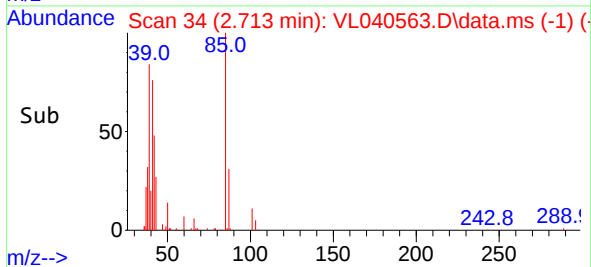
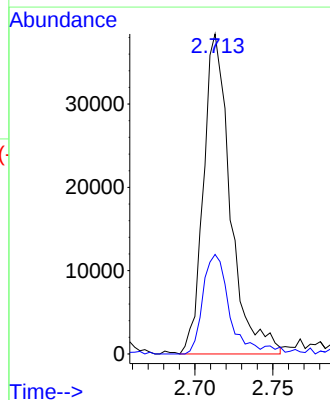
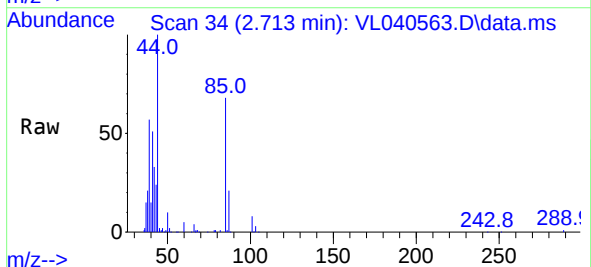


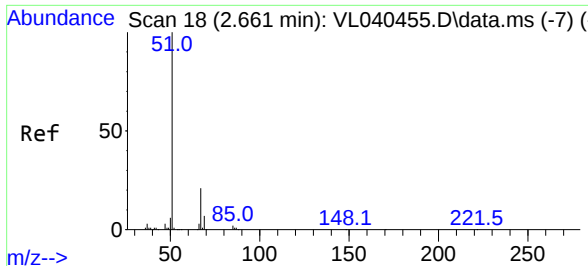
Tgt Ion: 49 Resp: 968414
 Ion Ratio Lower Upper
 49 100
 128 46.9 25.1 75.4
 130 59.7 31.6 94.7



#2
 Dichlorodifluoromethane
 Concen: 0.239 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. -0.026 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Tgt Ion: 85 Resp: 46207
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.8 40.2

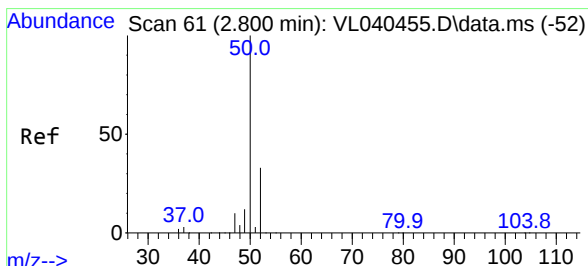
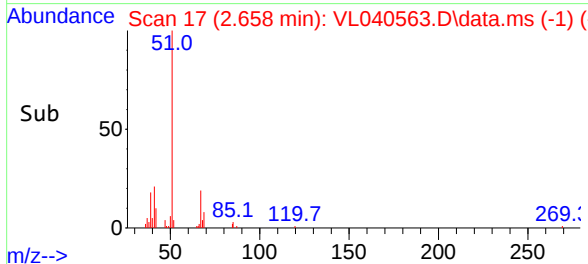
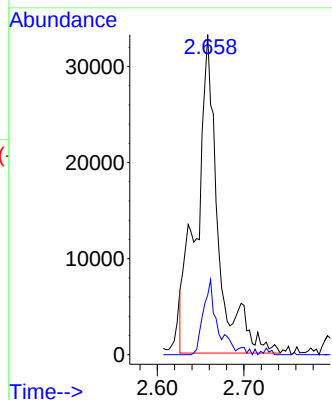
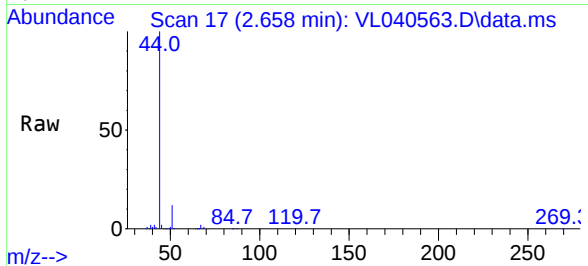




#3
Chlorodifluoromethane
Concen: 0.371 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

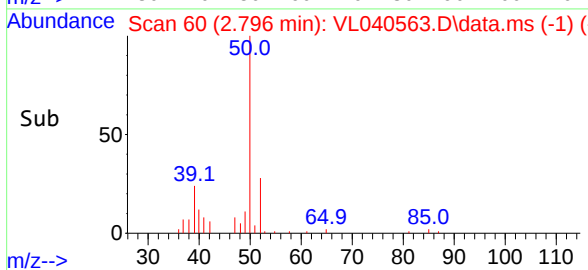
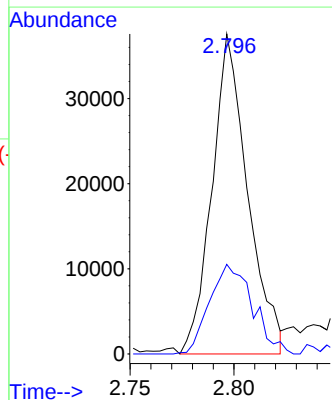
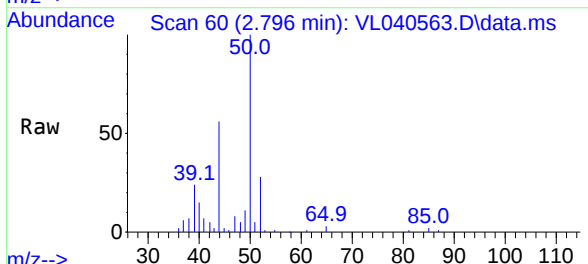
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 56979
Ion Ratio Lower Upper
51 100
67 16.0 14.6 21.8

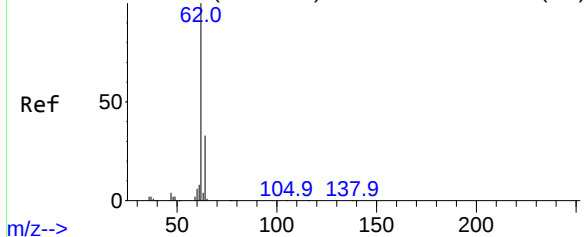


#4
Chloromethane
Concen: 0.738 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 50 Resp: 44895
Ion Ratio Lower Upper
50 100
52 27.6 24.4 36.6

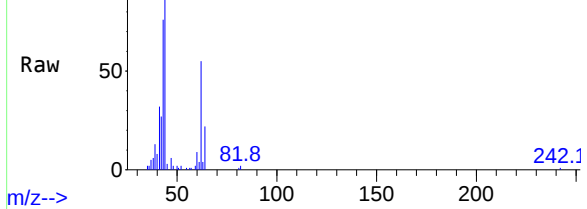


Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



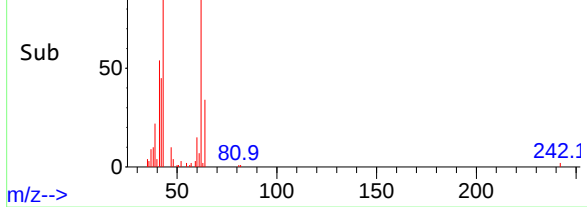
m/z-->

Abundance Scan 94 (2.906 min): VL040563.D\data.ms



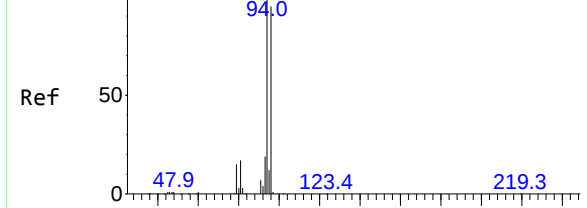
m/z-->

Abundance Scan 94 (2.906 min): VL040563.D\data.ms (-1)



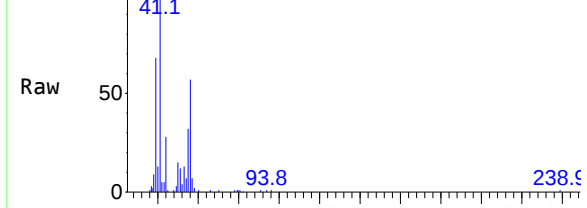
m/z-->

Abundance Scan 157 (3.108 min): VL040455.D\data.ms (-14)



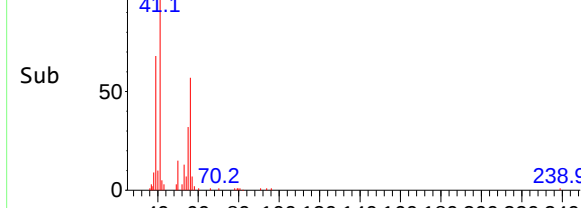
m/z-->

Abundance Scan 162 (3.124 min): VL040563.D\data.ms



m/z-->

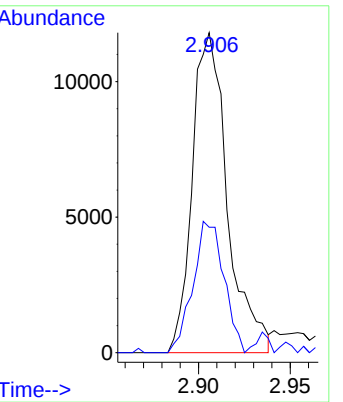
Abundance Scan 162 (3.124 min): VL040563.D\data.ms (-7)



m/z-->

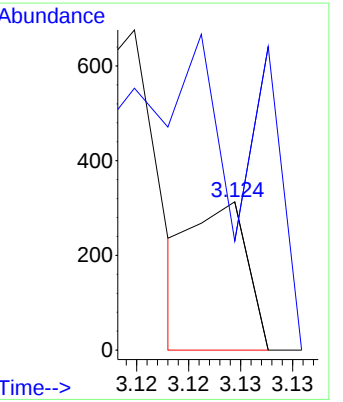
#5
Vinyl Chloride
Concen: 0.246 ppbv
RT: 2.906 min Scan# 94
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

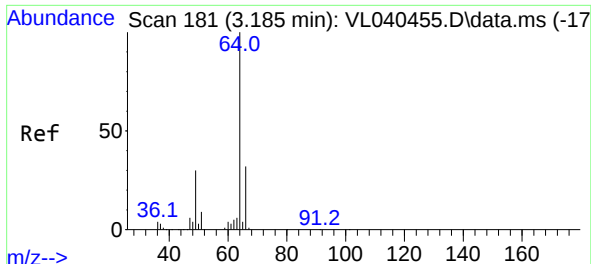
Tgt Ion: 62 Resp: 15702
Ion Ratio Lower Upper
62 100
64 39.2 26.4 39.6



#6
Bromomethane
Concen: 0.004 ppbv
RT: 3.124 min Scan# 162
Delta R.T. -0.003 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 75.7 113.5#

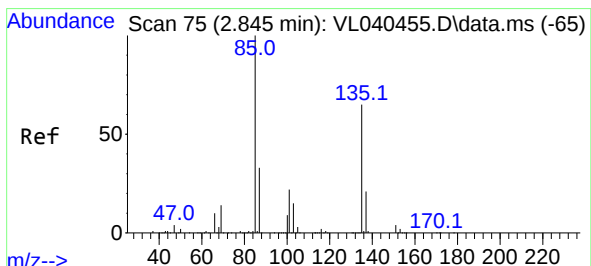
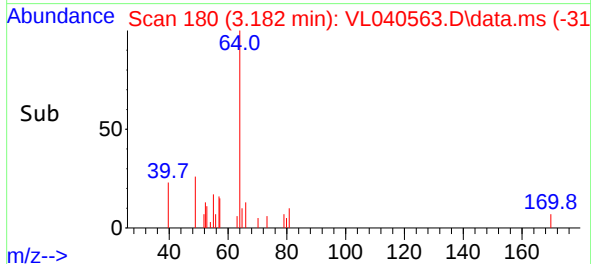
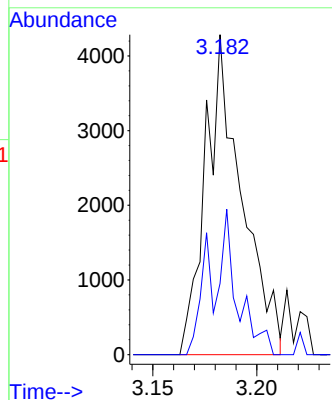
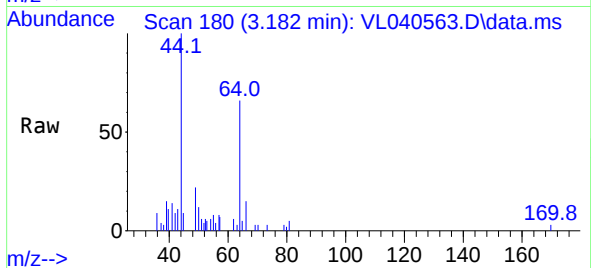




#7
Chloroethane
Concen: 0.232 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

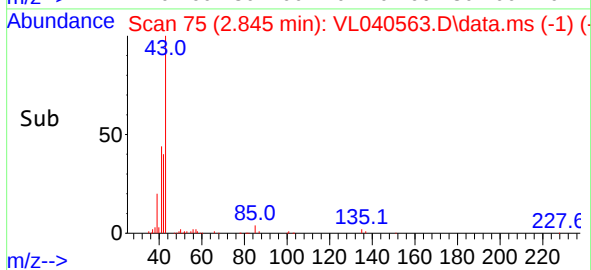
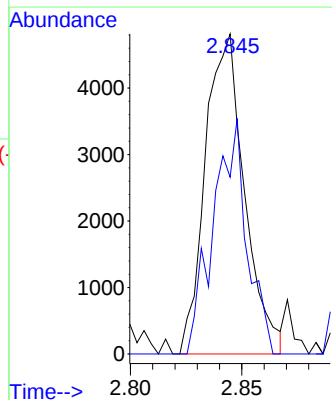
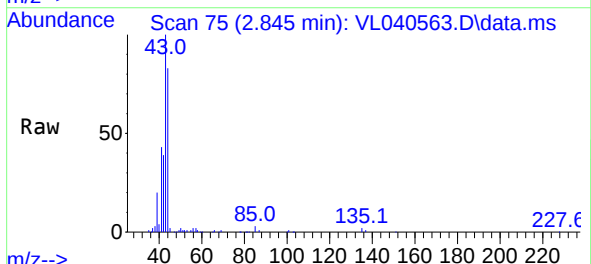
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 5203
Ion Ratio Lower Upper
64 100
66 20.7 24.4 36.6#

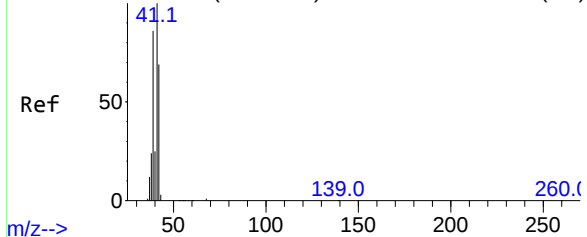


#8
Dichlorotetrafluoroethane
Concen: 0.037 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 85 Resp: 5887
Ion Ratio Lower Upper
85 100
135 63.1 52.4 78.6



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

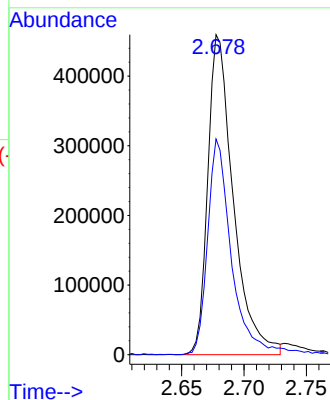
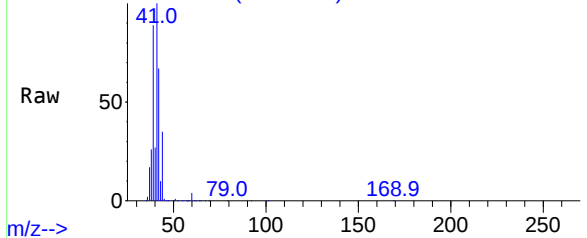


#9
Propene
Concen: 12.463 ppbv
RT: 2.678 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

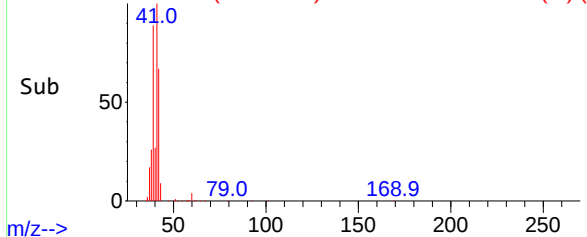
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 654905
Ion Ratio Lower Upper
41 100
42 63.6 55.0 82.6

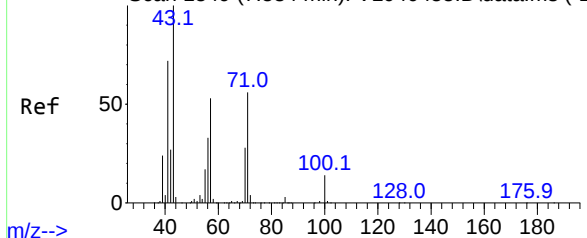
Abundance Scan 23 (2.678 min): VL040563.D\data.ms



Abundance Scan 23 (2.678 min): VL040563.D\data.ms (-1)



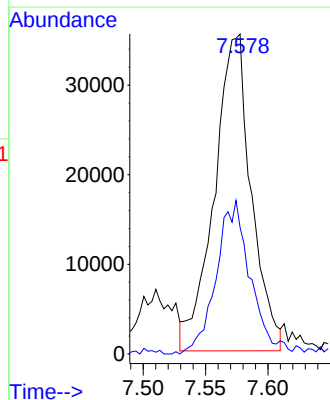
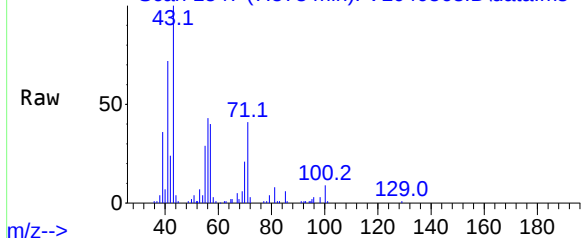
Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



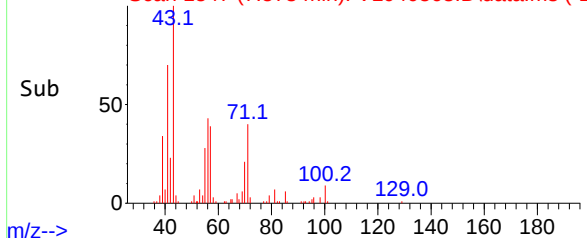
#10
Heptane
Concen: 0.630 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

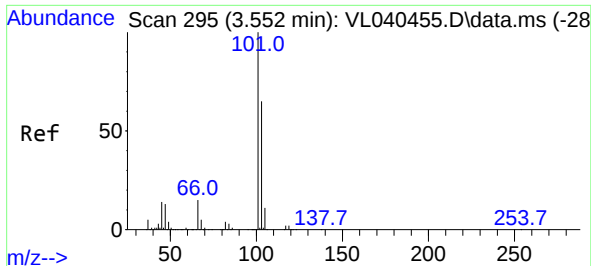
Tgt Ion: 43 Resp: 73067
Ion Ratio Lower Upper
43 100
57 47.0 42.5 63.7

Abundance Scan 1547 (7.578 min): VL040563.D\data.ms



Abundance Scan 1547 (7.578 min): VL040563.D\data.ms (-1)

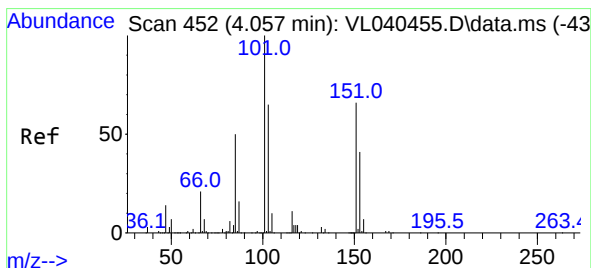
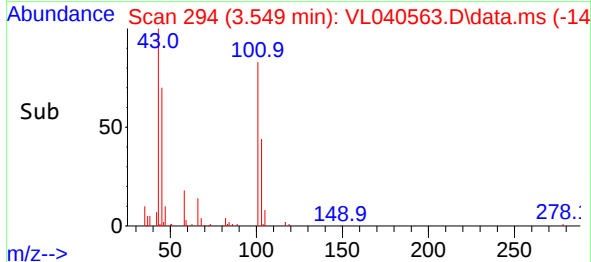
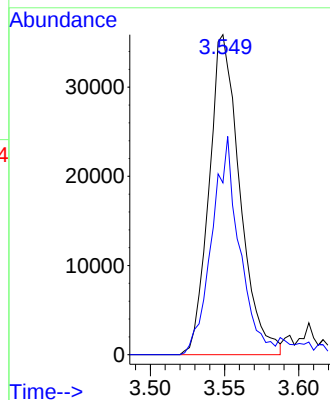
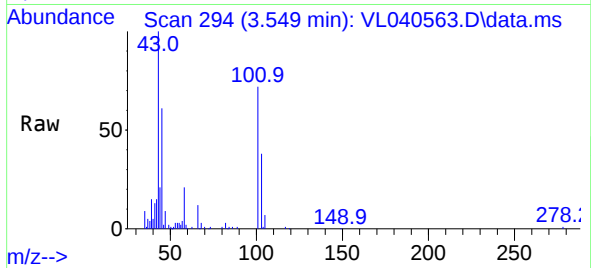




#11
 Trichlorofluoromethane
 Concen: 0.331 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. -0.022 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

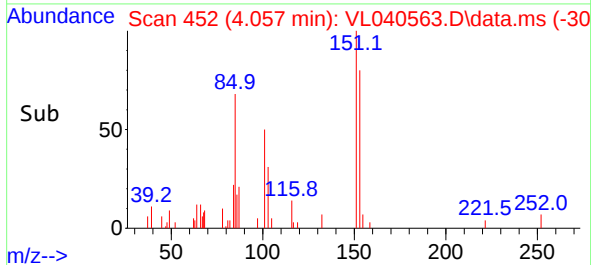
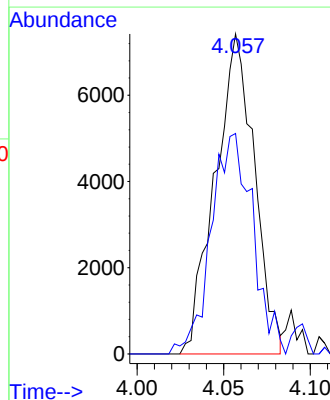
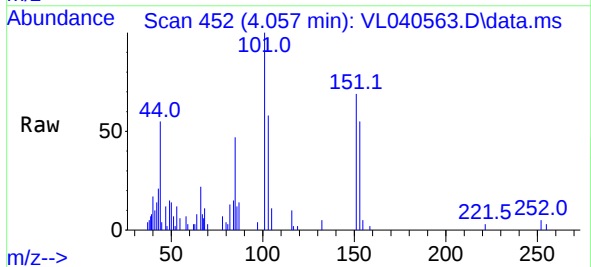
Instrument :
 MSVOA_L
 ClientSampleId :

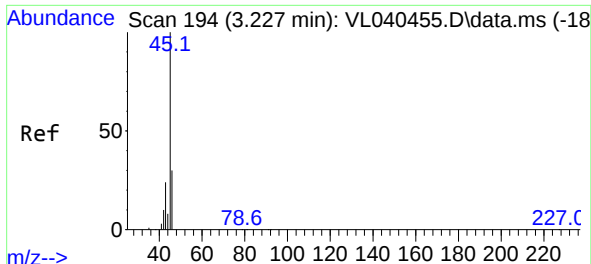
Tgt Ion:101 Resp: 51809
 Ion Ratio Lower Upper
 101 100
 103 53.7 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.106 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.016 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Tgt Ion:101 Resp: 11702
 Ion Ratio Lower Upper
 101 100
 151 76.3 58.2 87.4

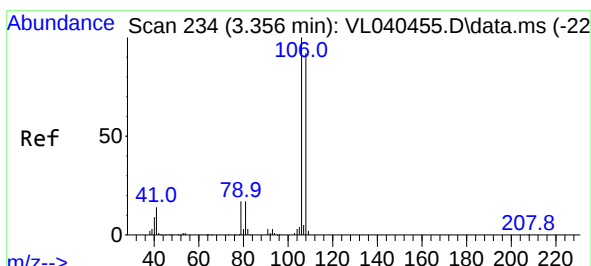
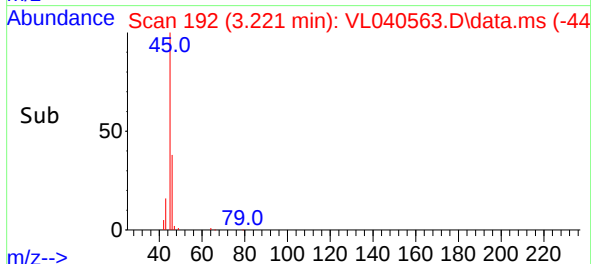
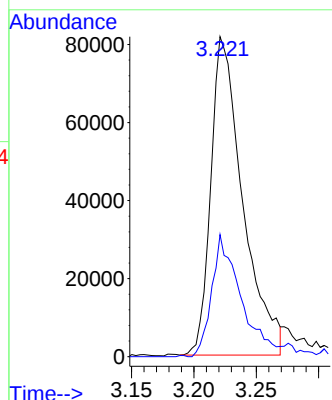
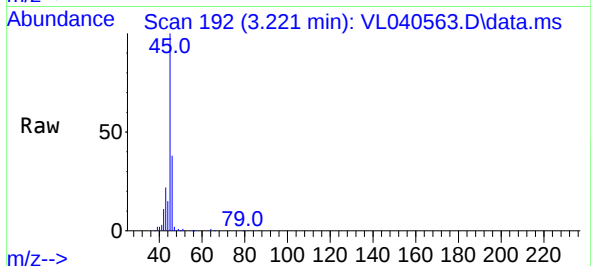




#13
Ethanol
Concen: 12.716 ppbv
RT: 3.221 min Scan# 194
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

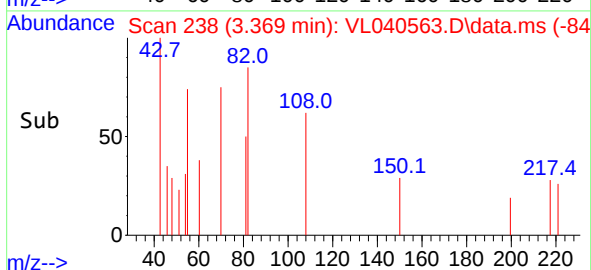
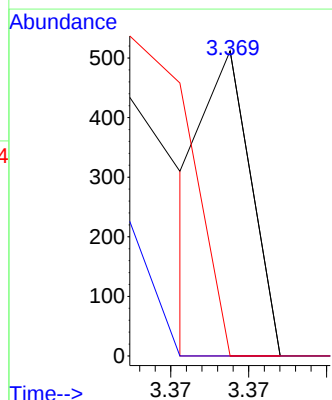
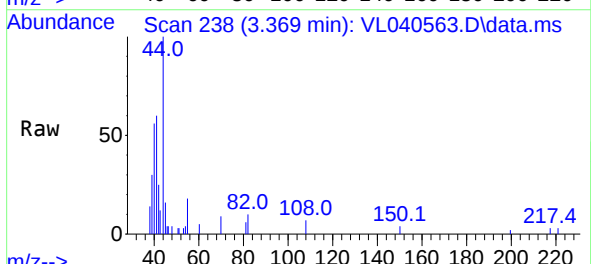
Instrument :
MSVOA_L
ClientSampleId :

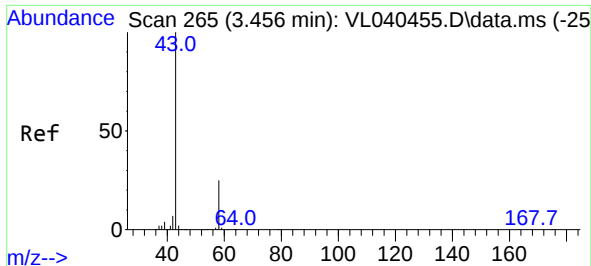
Tgt Ion: 45 Resp: 145386
Ion Ratio Lower Upper
45 100
46 37.1 15.3 61.1



#14
Bromoethene
Concen: 0.002 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.006 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion:108 Resp: 99
Ion Ratio Lower Upper
108 100
106 0.0 87.2 130.8#
79 559.6 15.3 22.9#

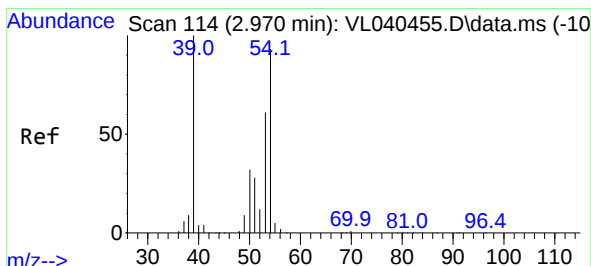
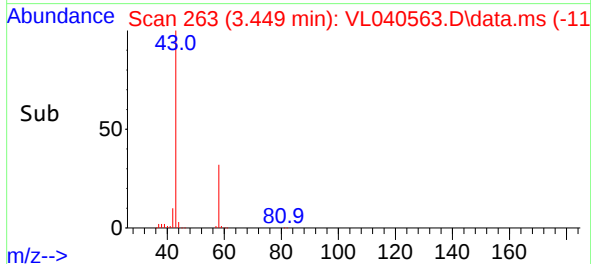
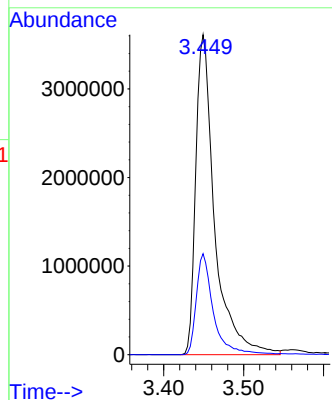
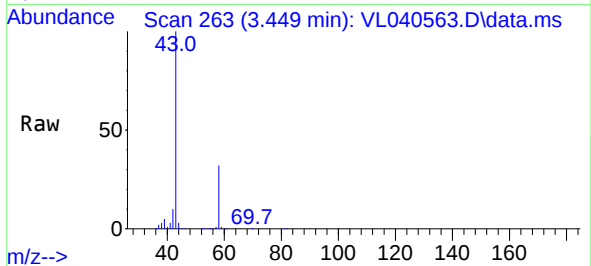




#15
Acetone
Concen: 53.206 ppbv
RT: 3.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

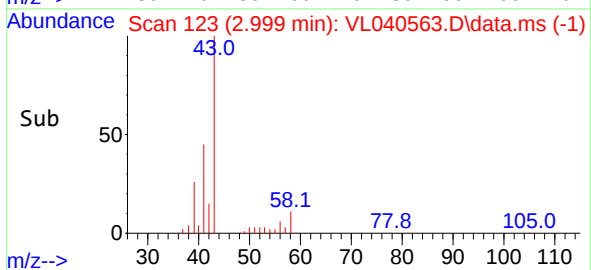
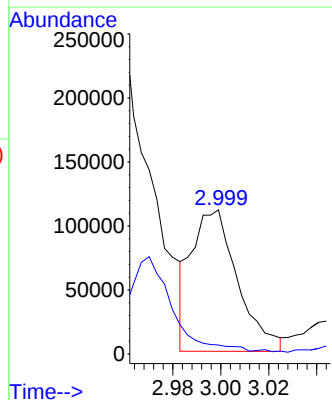
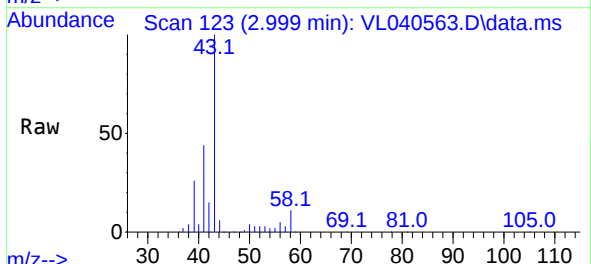
Instrument :
MSVOA_L
ClientSampleId :

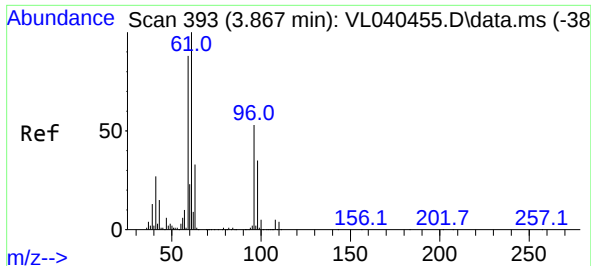
Tgt Ion: 43 Resp: 5930980
Ion Ratio Lower Upper
43 100
58 29.2 22.9 34.3



#16
1,3-Butadiene
Concen: 2.618 ppbv
RT: 2.999 min Scan# 123
Delta R.T. 0.006 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 39 Resp: 147209
Ion Ratio Lower Upper
39 100
54 0.0 66.6 100.0#





#17

tert-Butyl alcohol

Concen: 10.751 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

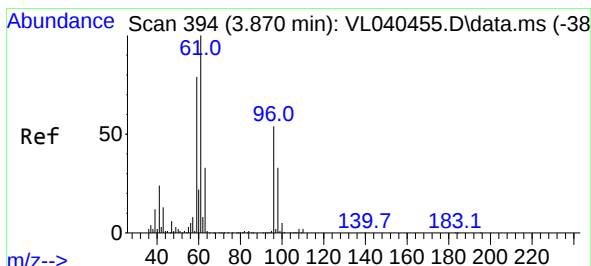
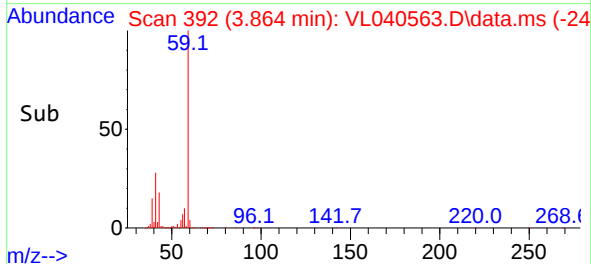
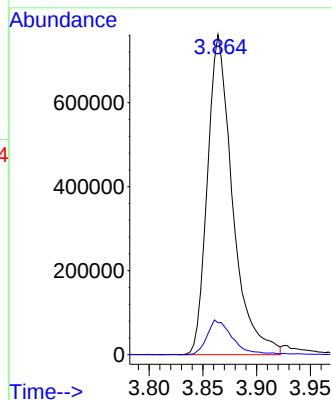
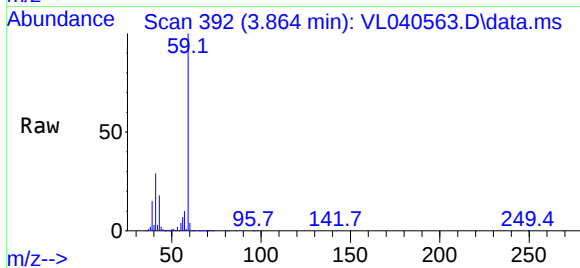
ClientSampleId :

Tgt Ion: 59 Resp: 1239511

Ion Ratio Lower Upper

59 100

57 11.2 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.025 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.022 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

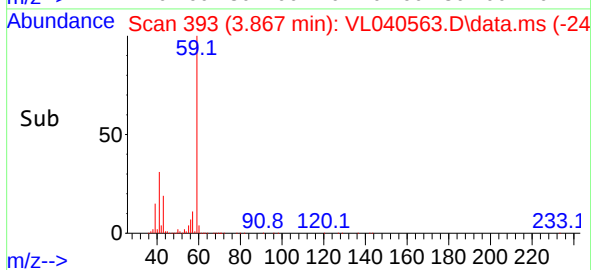
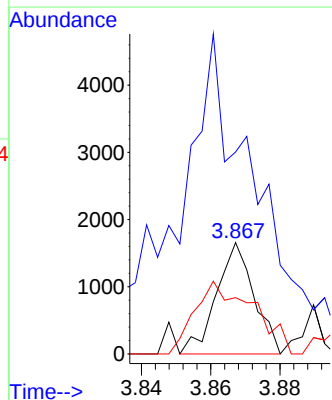
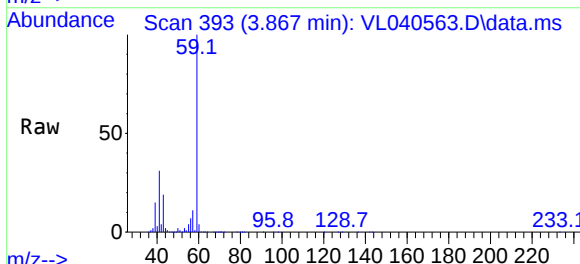
Tgt Ion: 96 Resp: 1248

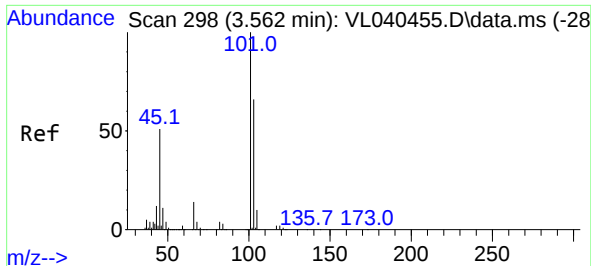
Ion Ratio Lower Upper

96 100

61 101.6 154.4 231.6#

98 36.7 50.0 75.0#





#19

Isopropyl Alcohol

Concen: 2.619 ppbv

RT: 3.565 min Scan# 298

Delta R.T. -0.016 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

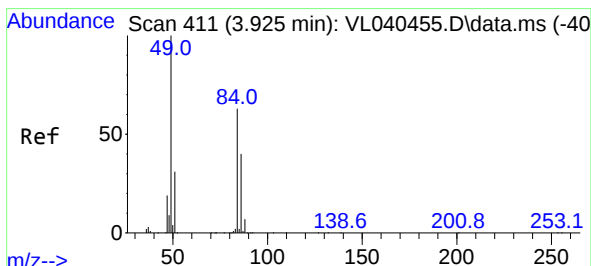
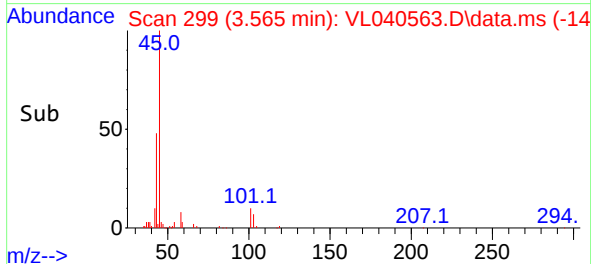
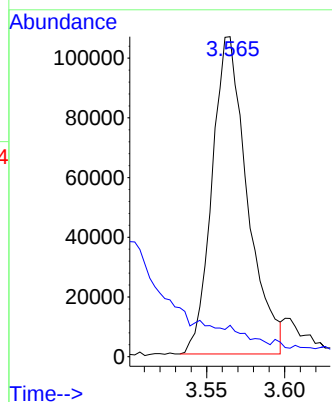
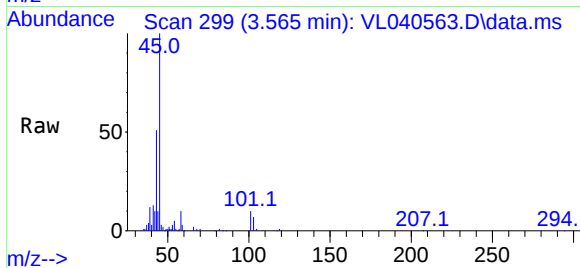
ClientSampleId :

Tgt Ion: 45 Resp: 167580

Ion Ratio Lower Upper

45 100

58 0.0 1.1 1.7#



#20

Methylene Chloride

Concen: 5.564 ppbv

RT: 3.922 min Scan# 410

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Tgt Ion: 84 Resp: 263847

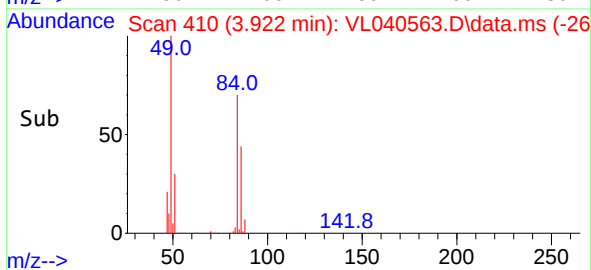
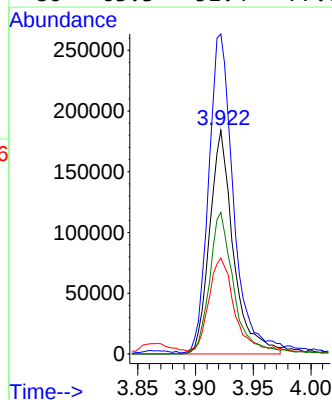
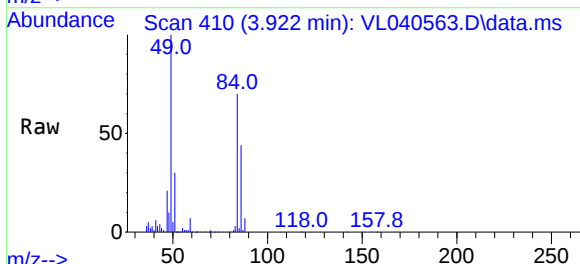
Ion Ratio Lower Upper

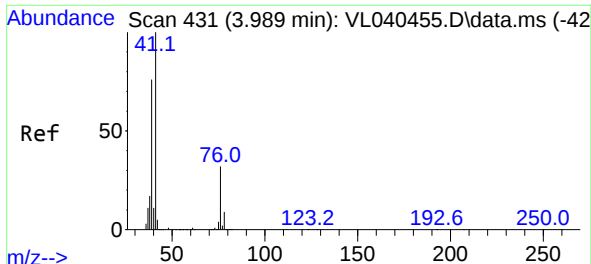
84 100

49 142.6 123.4 185.2

51 41.1 38.3 57.5

86 63.3 51.4 77.0





#21

Allyl Chloride

Concen: 0.196 ppbv

RT: 3.941 min Scan# 41

Delta R.T. -0.064 min

Lab File: VL040563.D

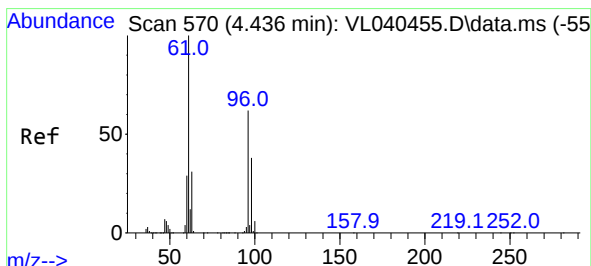
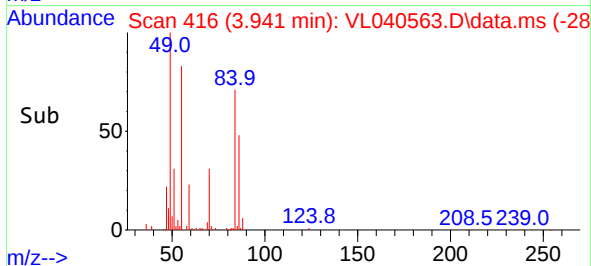
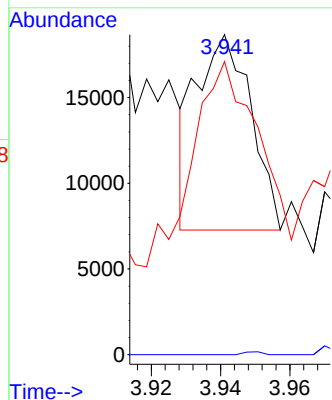
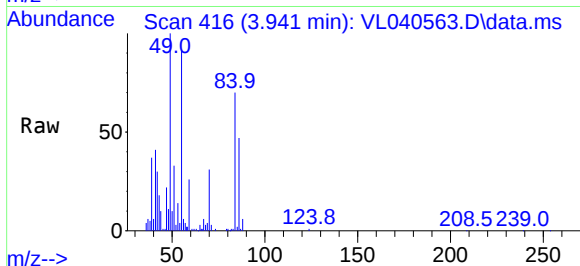
Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	41	Resp:	12487
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.8	37.2#
39	395.9	60.6	91.0#



#22

trans-1,2-Dichloroethene

Concen: 0.012 ppbv

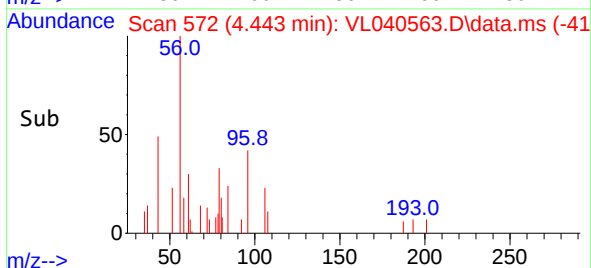
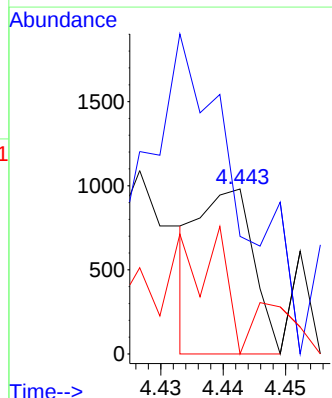
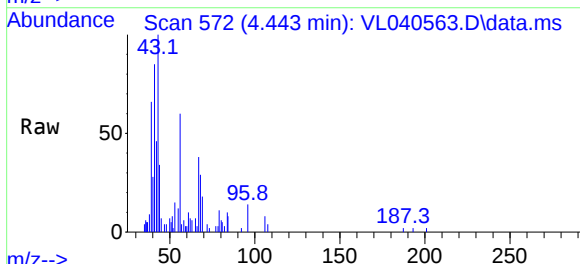
RT: 4.443 min Scan# 572

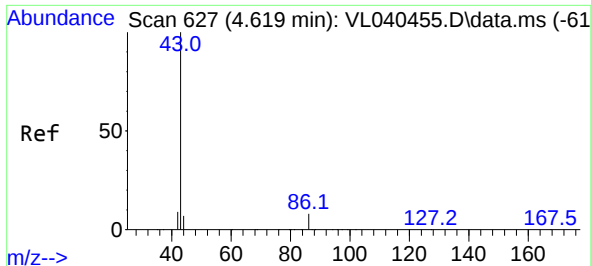
Delta R.T. -0.010 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

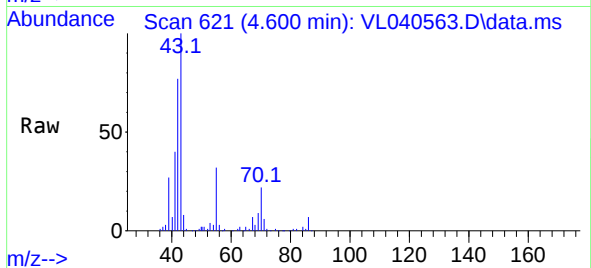
Tgt Ion:	96	Resp:	602
Ion	Ratio	Lower	Upper
96	100		
61	0.0	137.7	206.5#
98	0.0	52.9	79.3#





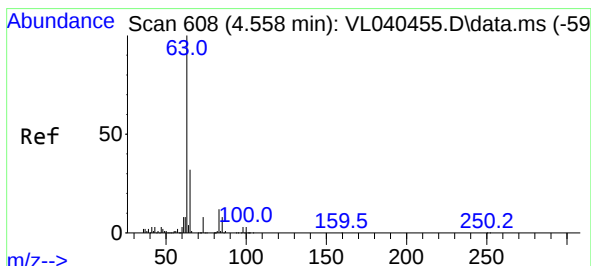
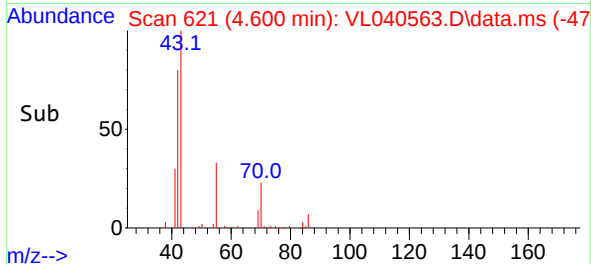
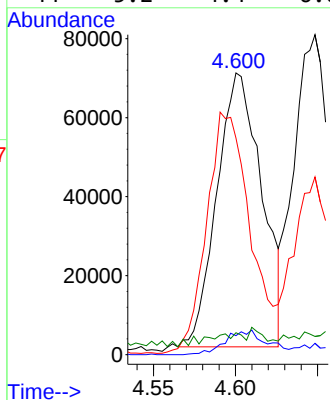
#23
 Vinyl Acetate
 Concen: 1.238 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.035 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 131516

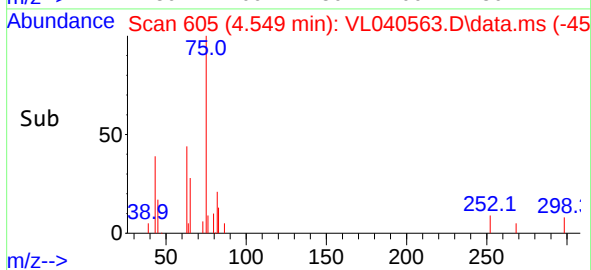
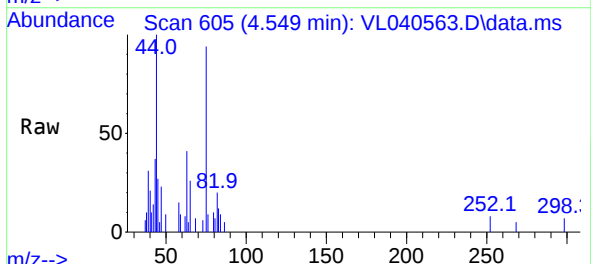
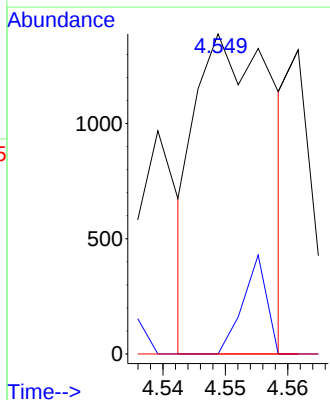
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.6	8.4
42	76.9	7.4	11.2#
44	5.2	4.4	6.6

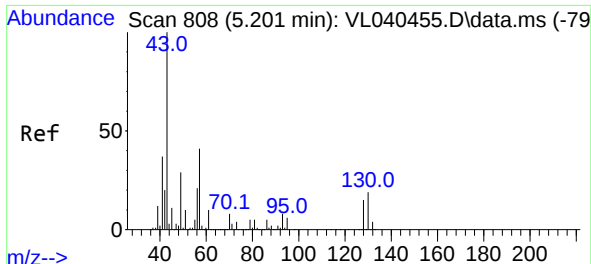


#24
 1,1-Dichloroethane
 Concen: 0.011 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.022 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Tgt Ion: 63 Resp: 1190

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.0#





#25

Ethyl Acetate

Concen: 0.671 ppbv

RT: 5.205 min Scan# 808

Delta R.T. -0.006 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 142485

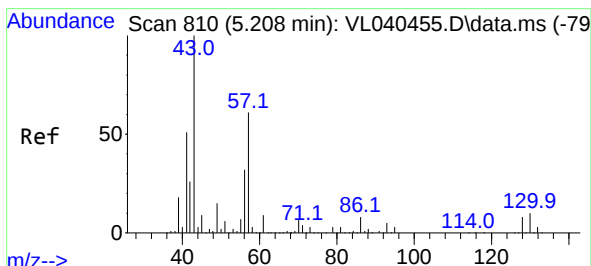
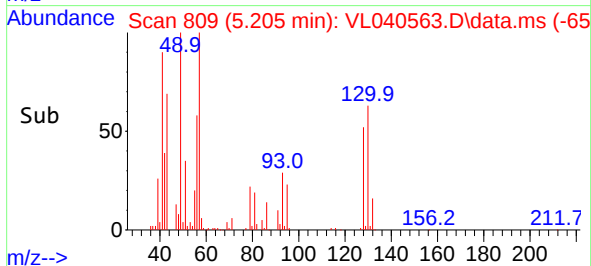
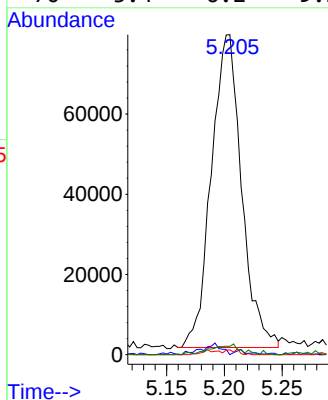
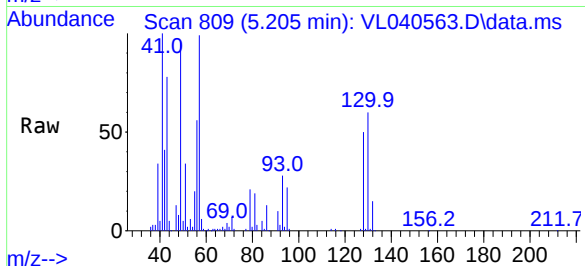
Ion Ratio Lower Upper

43 100

45 0.6 8.2 12.4#

61 1.4 8.3 12.5#

70 3.4 6.2 9.2#



#26

Hexane

Concen: 1.852 ppbv

RT: 5.202 min Scan# 808

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Tgt Ion: 57 Resp: 182575

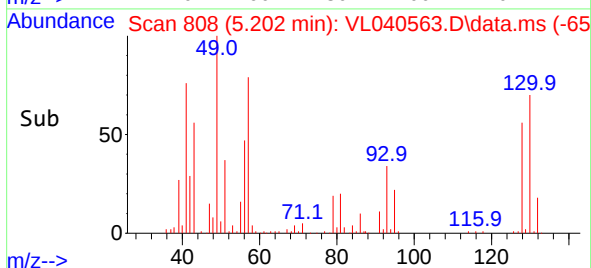
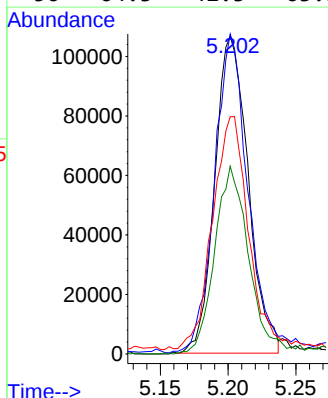
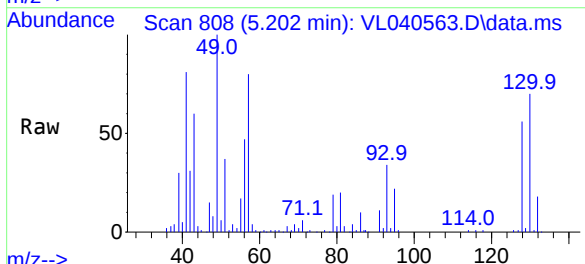
Ion Ratio Lower Upper

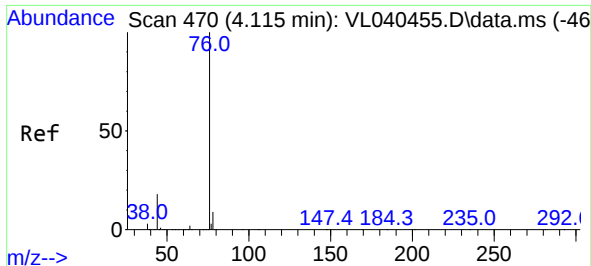
57 100

41 102.2 69.5 104.3

43 79.8 177.1 265.7#

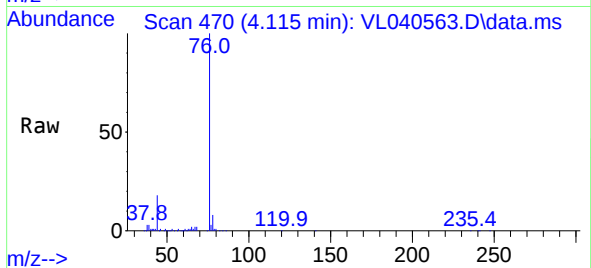
56 64.3 42.3 63.5#



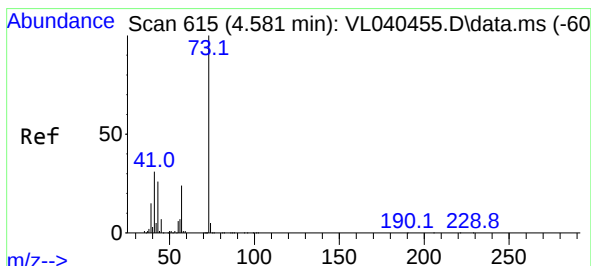
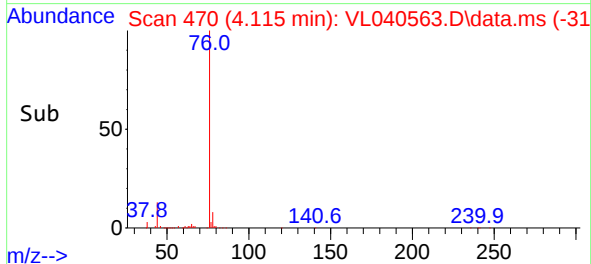
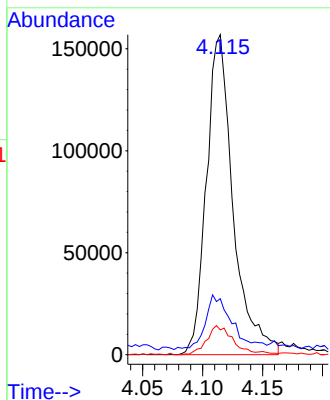


#27
Carbon Disulfide
Concen: 2.098 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

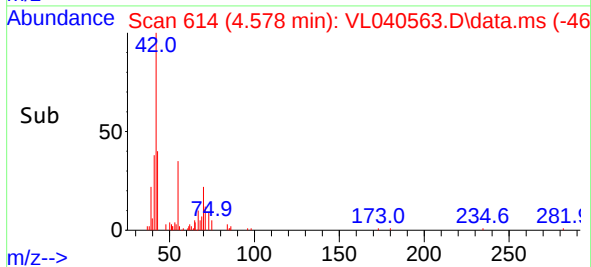
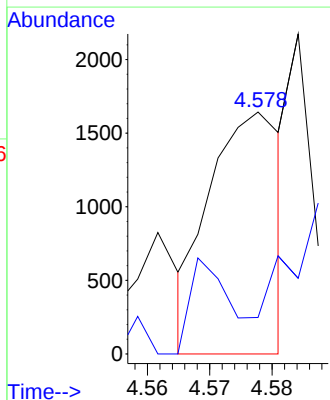
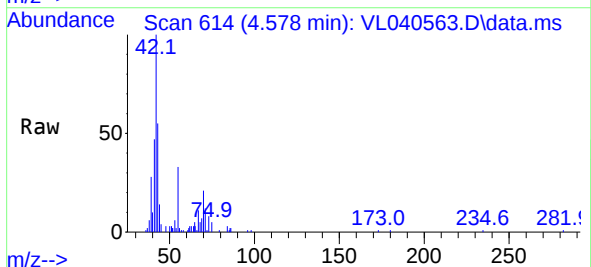


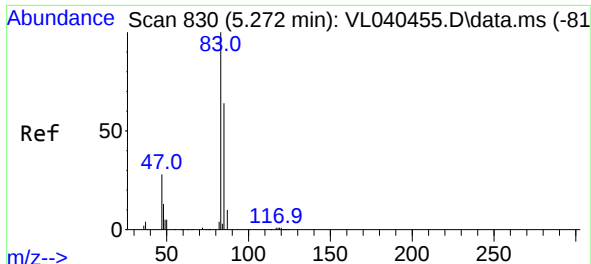
Tgt Ion: 76 Resp: 243294
Ion Ratio Lower Upper
76 100
44 19.1 15.1 22.7
78 9.5 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 0.017 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 73 Resp: 1319
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.004 ppbv

RT: 5.710 min Scan# 90

Delta R.T. 0.424 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

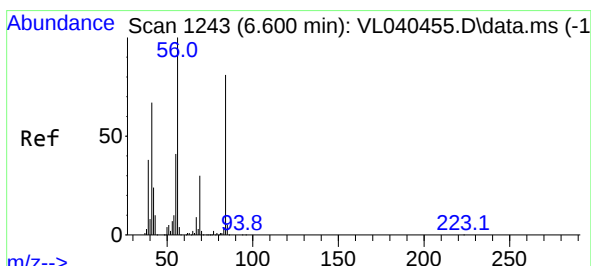
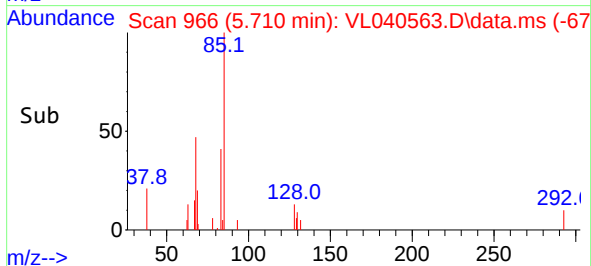
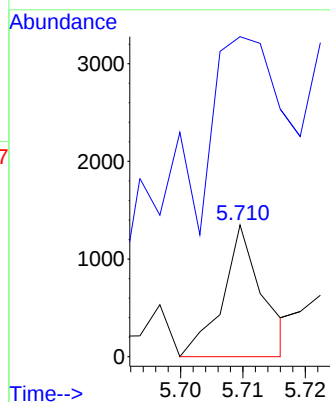
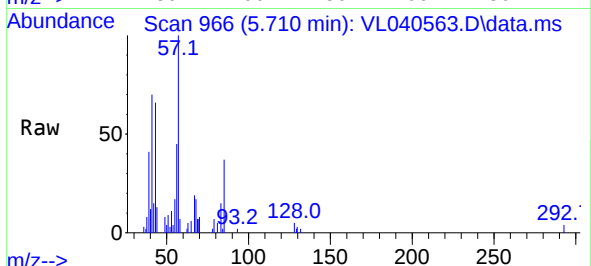
ClientSampleId :

Tgt Ion: 83 Resp: 594

Ion Ratio Lower Upper

83 100

85 72.6 51.1 76.7



#30

Cyclohexane

Concen: 1.312 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

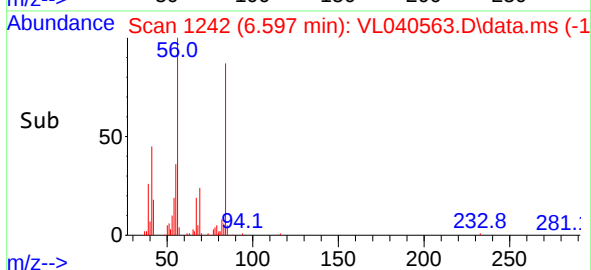
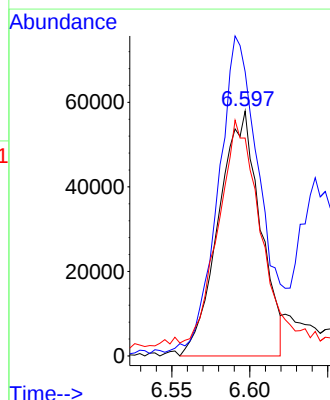
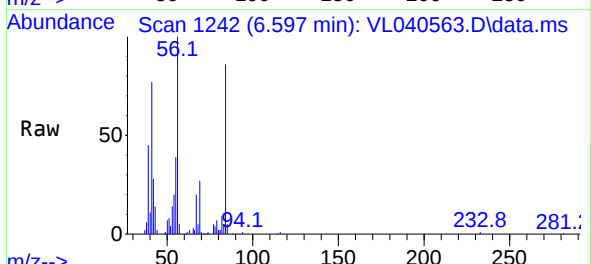
Tgt Ion: 84 Resp: 107600

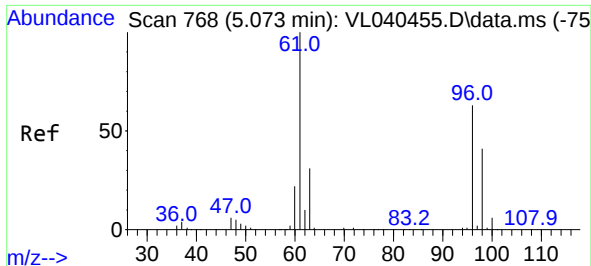
Ion Ratio Lower Upper

84 100

56 136.7 108.7 163.1

41 107.9 64.5 96.7#

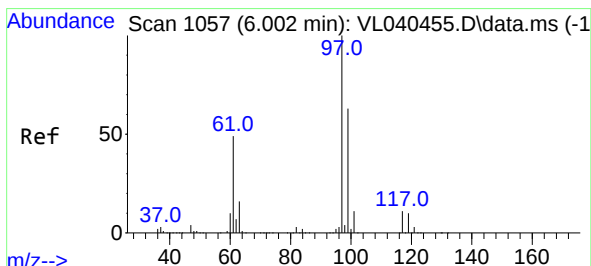
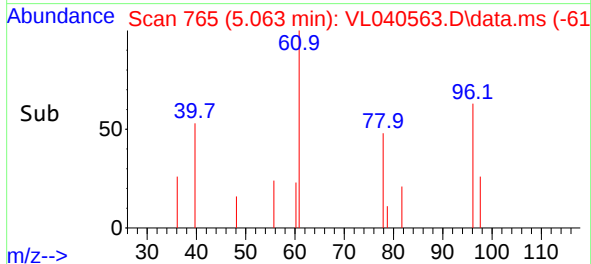
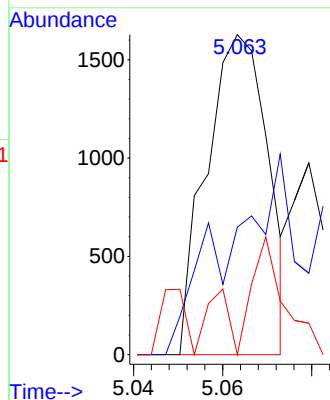
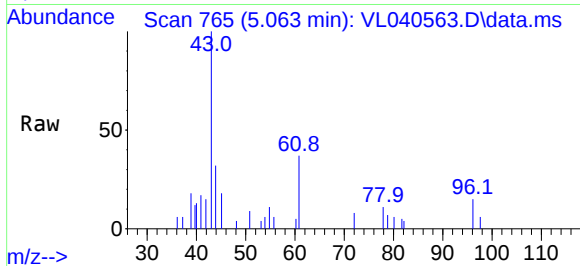




#31
 cis-1,2-Dichloroethene
 Concen: 0.016 ppbv
 RT: 5.063 min Scan# 7
 Delta R.T. -0.022 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

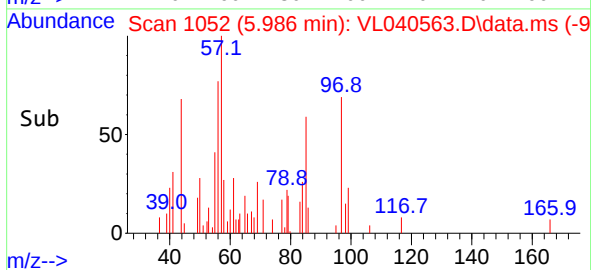
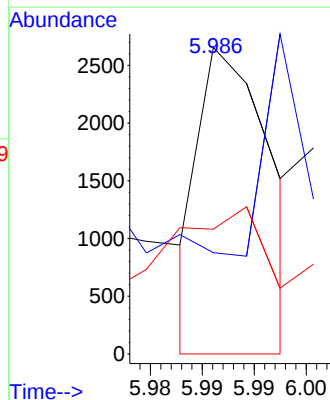
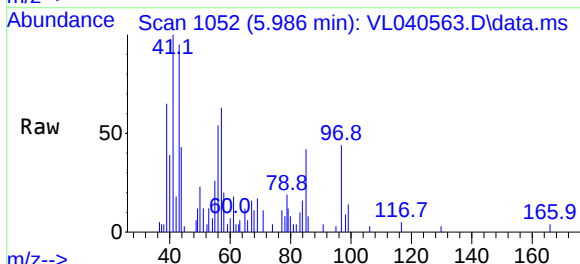
Instrument :
 MSVOA_L
 ClientSampleId :

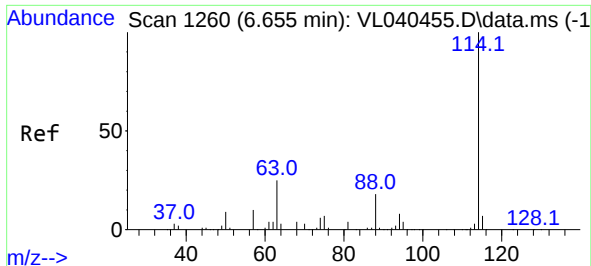
Tgt Ion: 61 Resp: 1563
 Ion Ratio Lower Upper
 61 100
 96 27.9 54.7 82.1#
 98 0.0 34.6 52.0#



#32
 1,1,1-Trichloroethane
 Concen: 0.008 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.026 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Tgt Ion: 97 Resp: 1258
 Ion Ratio Lower Upper
 97 100
 99 260.0 52.0 78.0#
 61 200.9 38.9 58.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

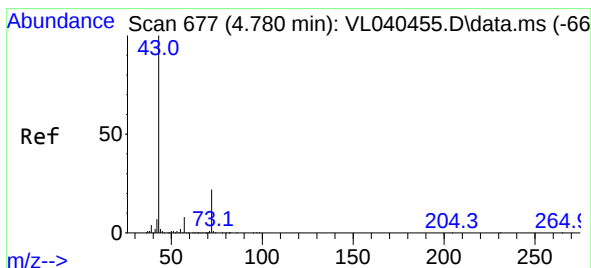
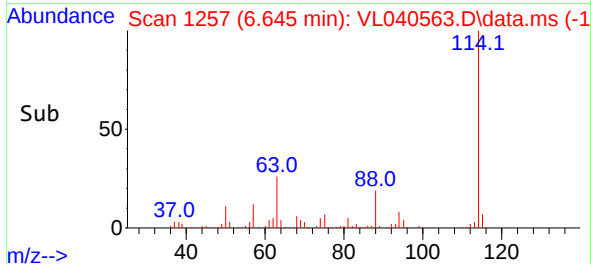
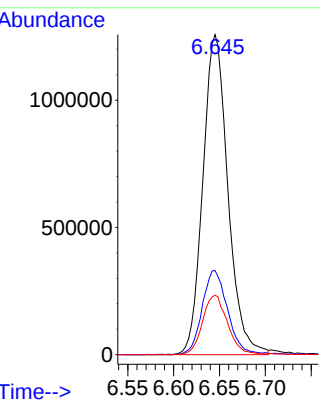
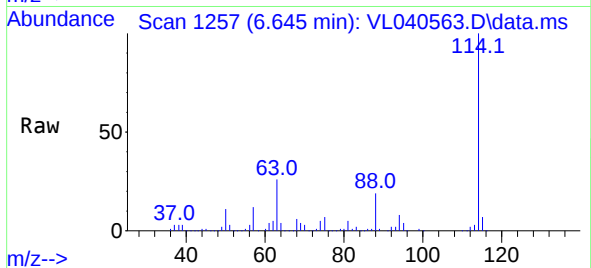
Tgt Ion:114 Resp: 2390136

Ion Ratio Lower Upper

114 100

63 27.3 19.6 29.4

88 18.8 14.2 21.2



#34

2-Butanone

Concen: 28.493 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.022 min

Lab File: VL040563.D

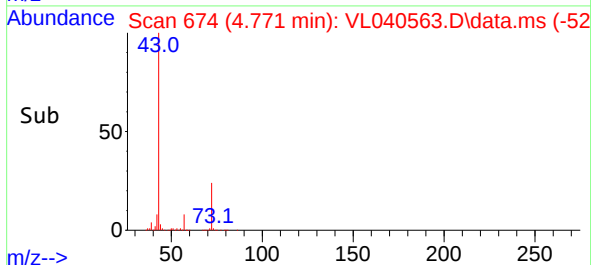
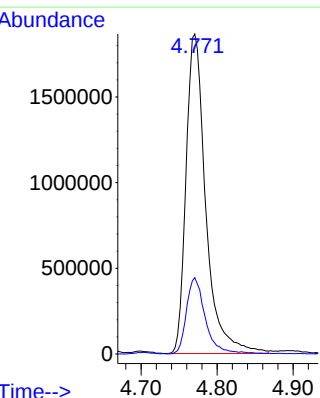
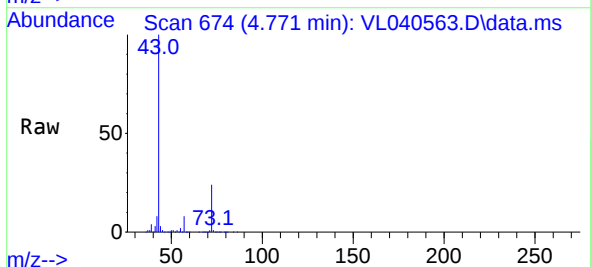
Acq: 27 Jul 2023 6:09

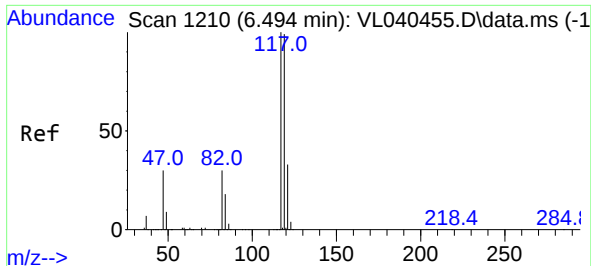
Tgt Ion: 43 Resp: 3365112

Ion Ratio Lower Upper

43 100

72 23.1 19.1 28.7

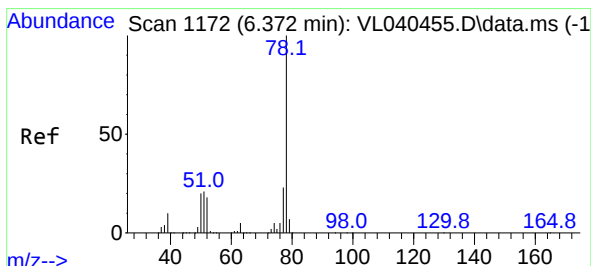
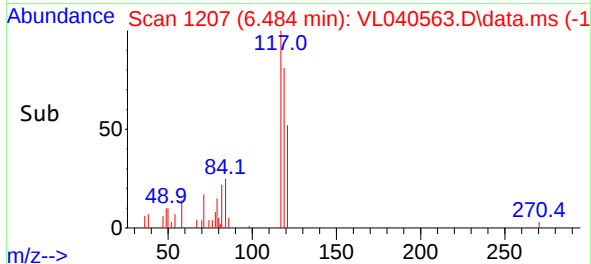
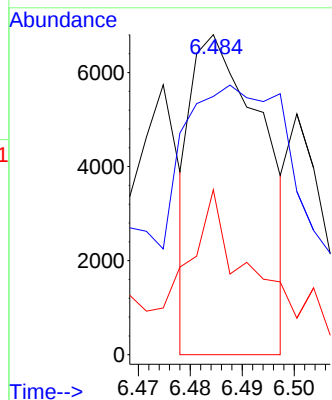
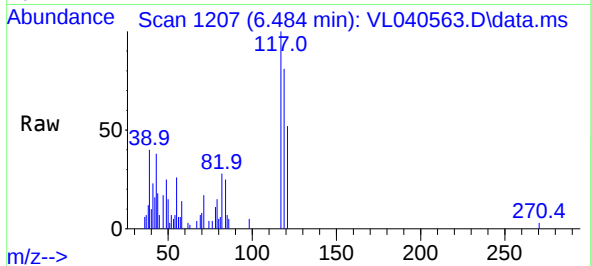




#35
Carbon Tetrachloride
Concen: 0.045 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

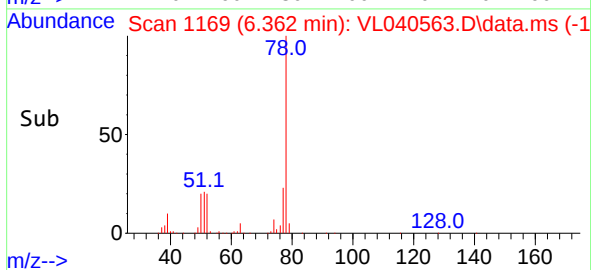
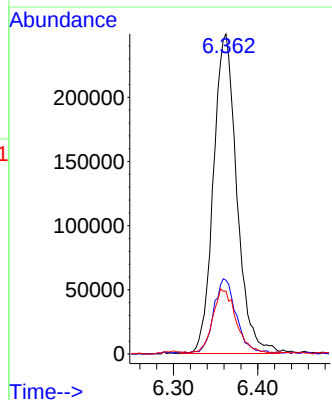
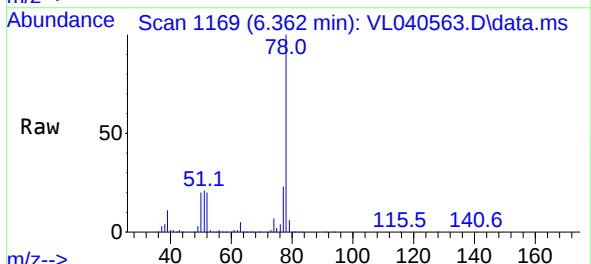
Instrument :
MSVOA_L
ClientSampleId :

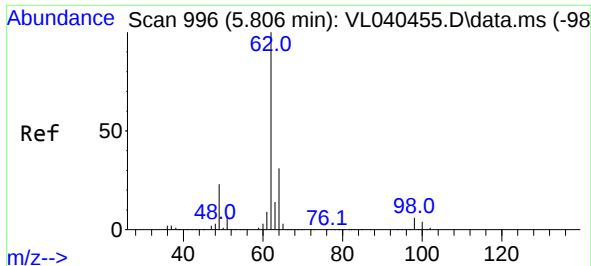
Tgt Ion:117 Resp: 6443
Ion Ratio Lower Upper
117 100
119 26.0 77.8 116.6#
121 65.4 24.8 37.2#



#36
Benzene
Concen: 2.495 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 78 Resp: 479833
Ion Ratio Lower Upper
78 100
77 22.6 17.4 26.0
50 19.2 14.4 21.6

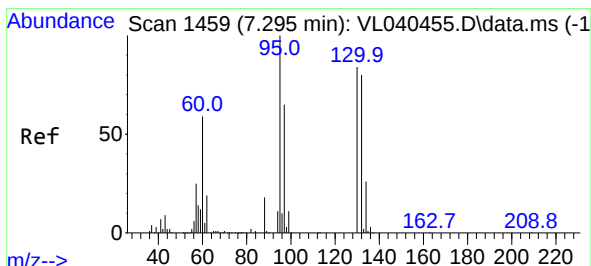
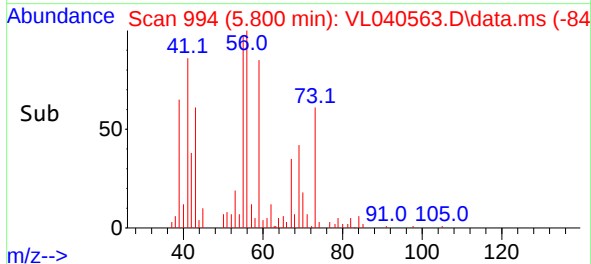
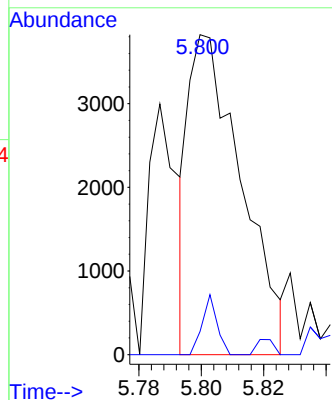
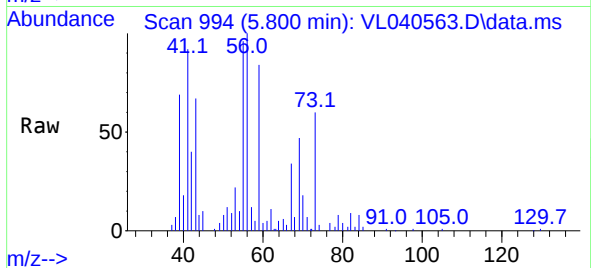




#37
1,2-Dichloroethane
Concen: 0.040 ppbv
RT: 5.800 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

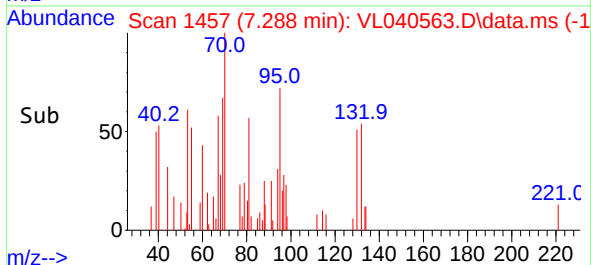
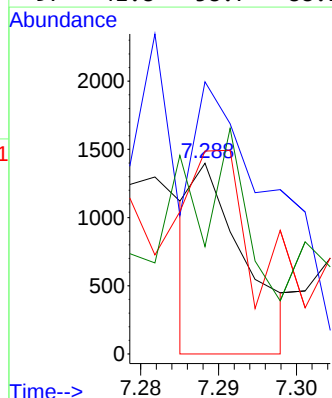
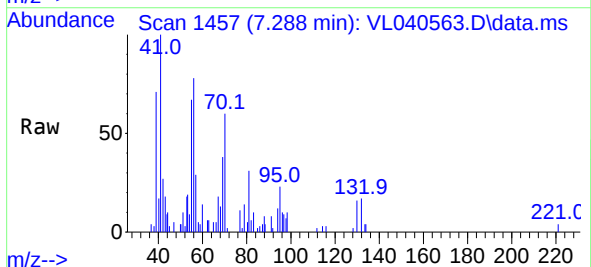
Instrument :
MSVOA_L
ClientSampleId :

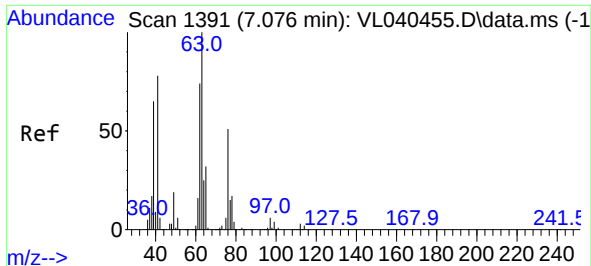
Tgt Ion: 62 Resp: 4496
Ion Ratio Lower Upper
62 100
98 6.8 5.1 7.7



#38
Trichloroethene
Concen: 0.009 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion:130 Resp: 635
Ion Ratio Lower Upper
130 100
95 103.1 90.2 135.2
132 61.1 76.3 114.5#
97 41.8 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 8.453 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.437 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

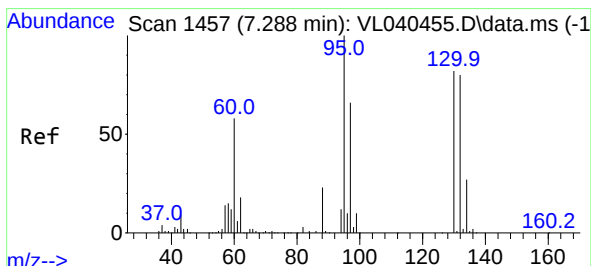
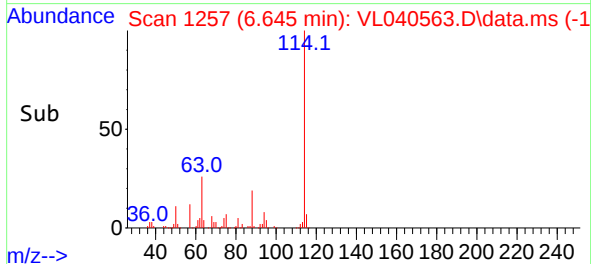
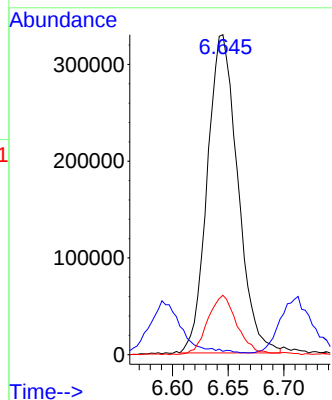
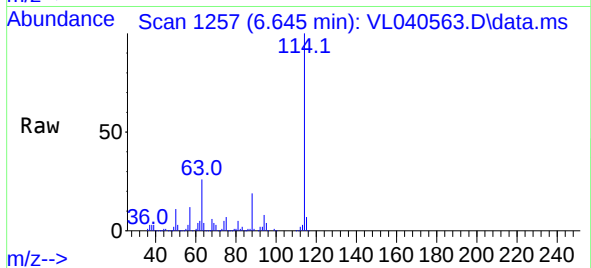
Tgt Ion: 63 Resp: 625770

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 18.5 55.6 83.4#



#40

1,4-Dioxane

Concen: 0.042 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.006 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Tgt Ion: 88 Resp: 975

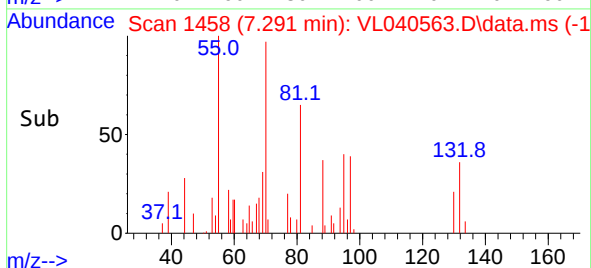
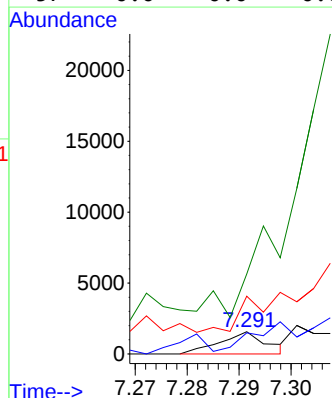
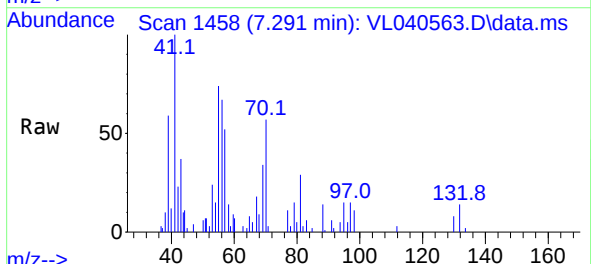
Ion Ratio Lower Upper

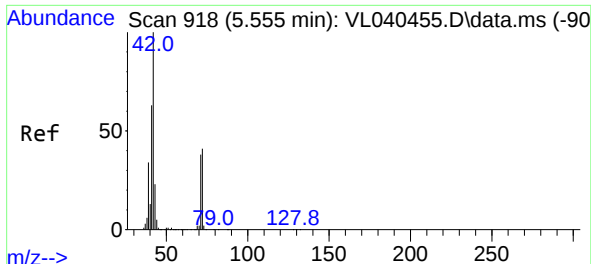
88 100

58 0.0 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.252 ppbv

RT: 5.549 min Scan# 916

Delta R.T. -0.016 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

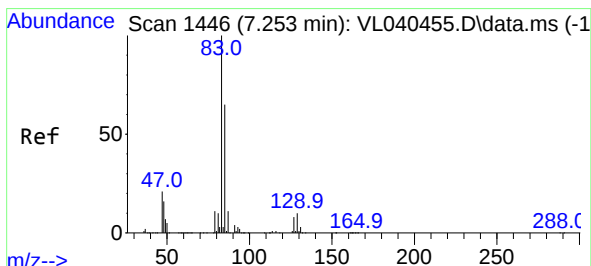
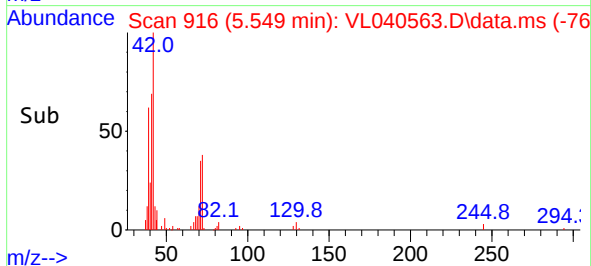
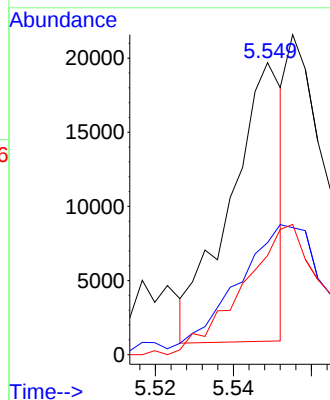
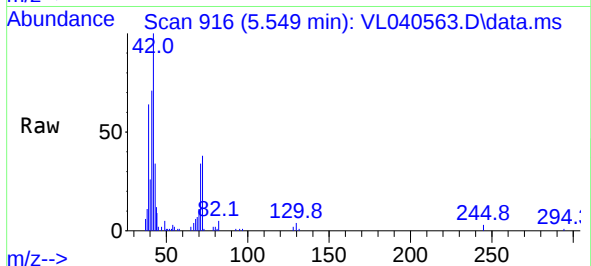
Tgt Ion: 42 Resp: 17397

Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.8#

71 0.0 33.0 49.6#



#42

Bromodichloromethane

Concen: 0.014 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.016 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

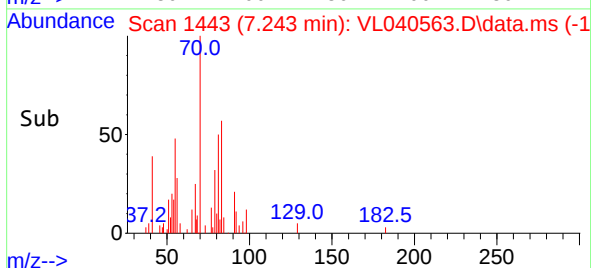
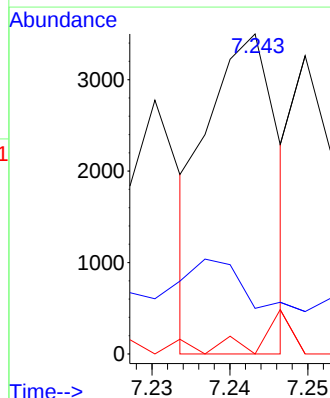
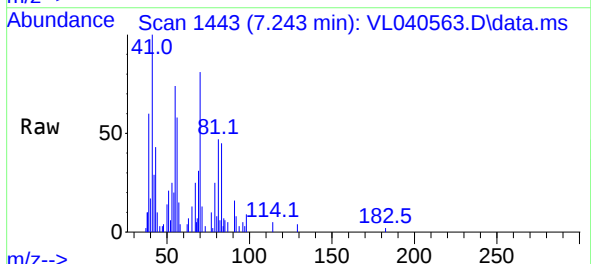
Tgt Ion: 83 Resp: 2202

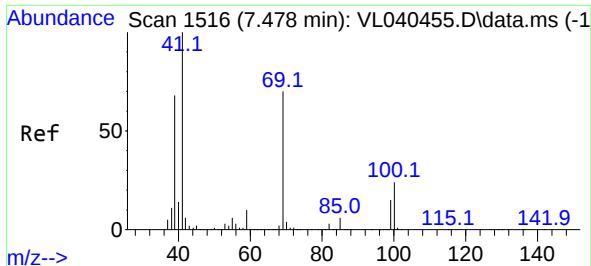
Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

127 0.0 6.5 9.7#

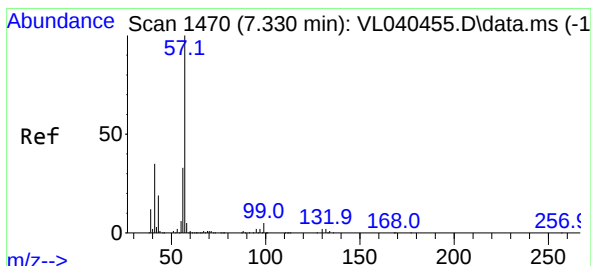
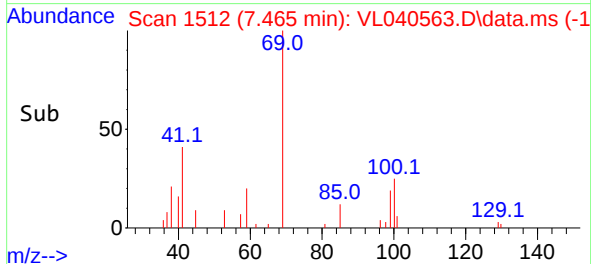
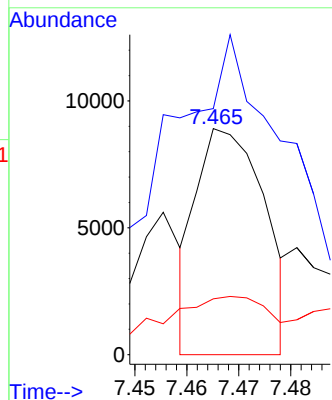
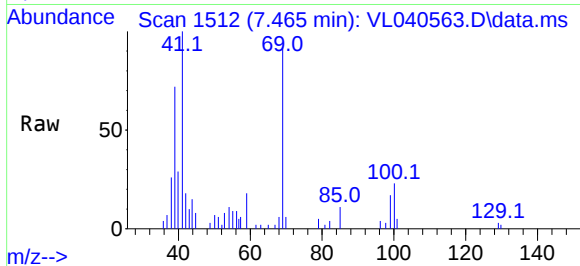




#43
Methyl Methacrylate
Concen: 0.113 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

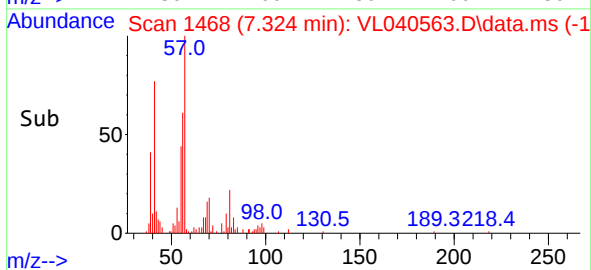
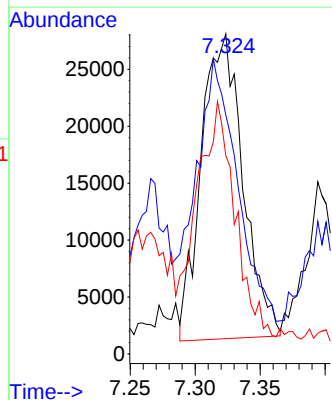
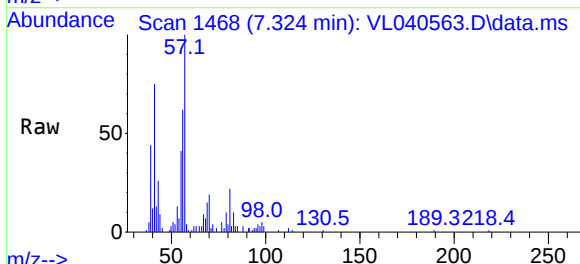
Instrument :
MSVOA_L
ClientSampleId :

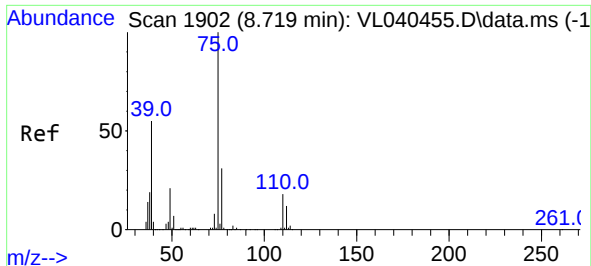
Tgt Ion: 69 Resp: 8115
Ion Ratio Lower Upper
69 100
41 278.2 111.7 167.5#
100 65.3 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.194 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 57 Resp: 59887
Ion Ratio Lower Upper
57 100
41 98.9 25.5 38.3#
56 89.9 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.008 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

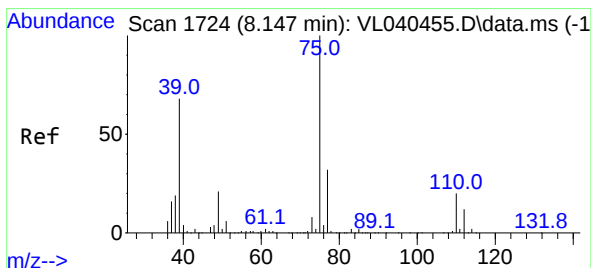
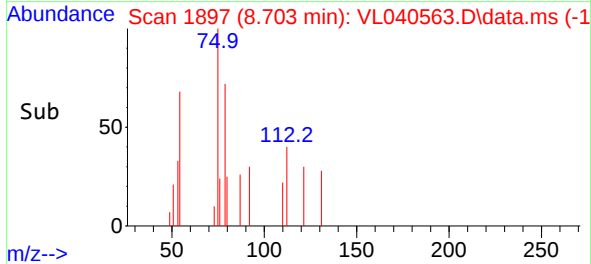
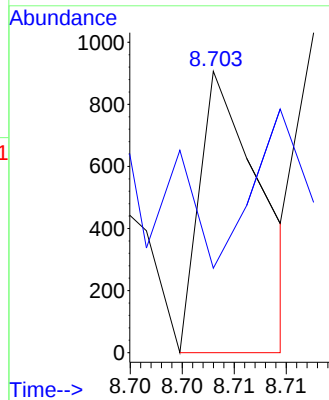
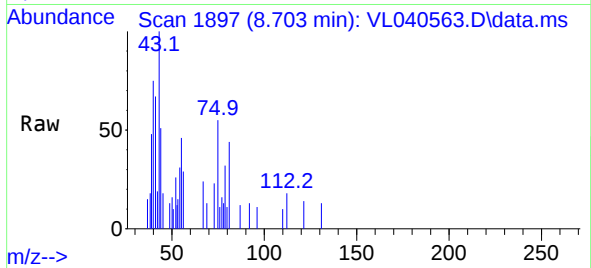
ClientSampleId :

Tgt Ion: 75 Resp: 376

Ion Ratio Lower Upper

75 100

77 30.0 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 0.009 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.019 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

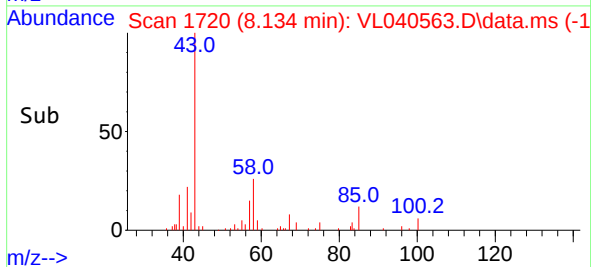
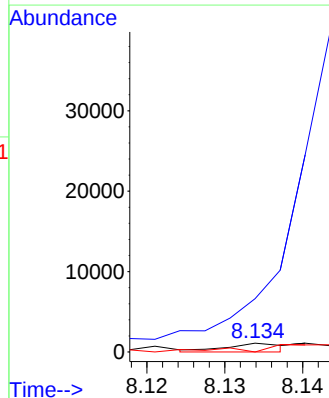
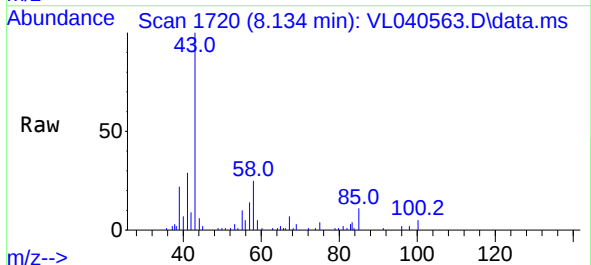
Tgt Ion: 75 Resp: 545

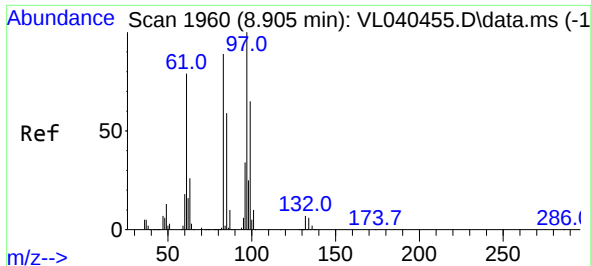
Ion Ratio Lower Upper

75 100

39 472.4 48.0 72.0#

77 0.0 24.0 36.0#





#47

1,1,2-Trichloroethane

Concen: 0.005 ppbv

RT: 8.883 min Scan# 1960

Delta R.T. -0.026 min

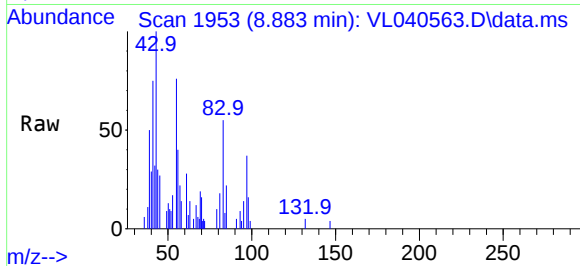
Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 97 Resp: 398

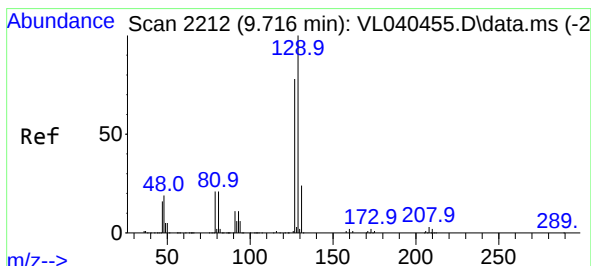
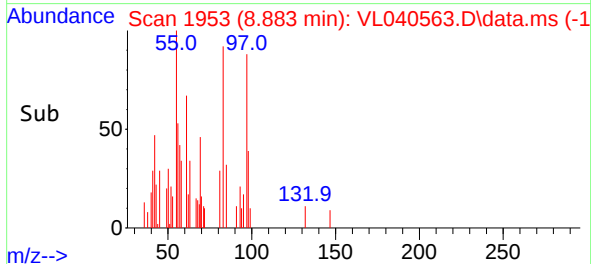
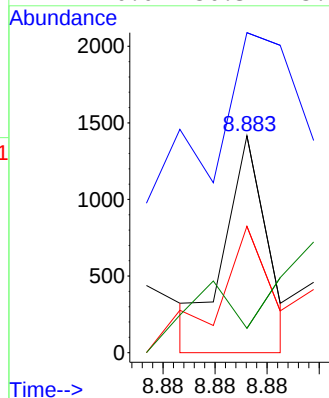
Ion Ratio Lower Upper

97 100

83 57.6 73.4 110.0#

85 50.5 46.6 70.0

99 0.0 50.3 75.5#



#48

Dibromochloromethane

Concen: 0.003 ppbv

RT: 9.697 min Scan# 2206

Delta R.T. -0.026 min

Lab File: VL040563.D

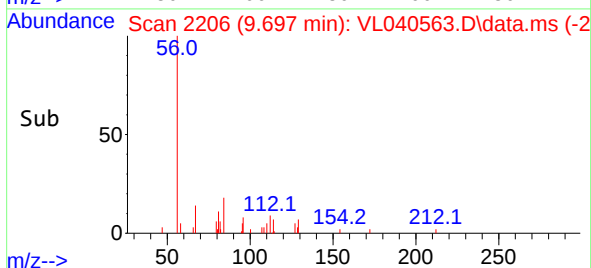
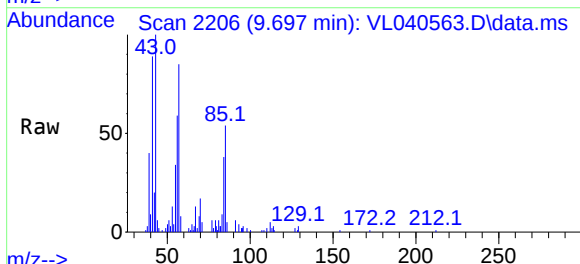
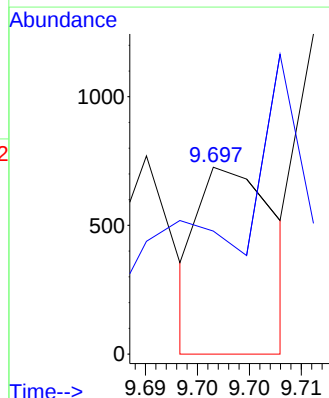
Acq: 27 Jul 2023 6:09

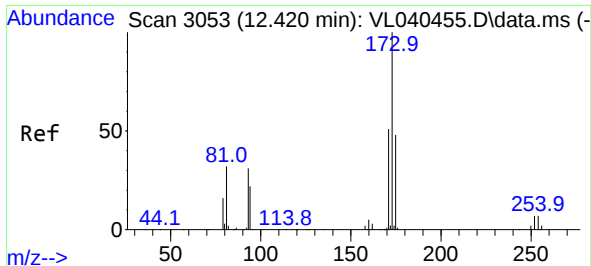
Tgt Ion: 129 Resp: 372

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#

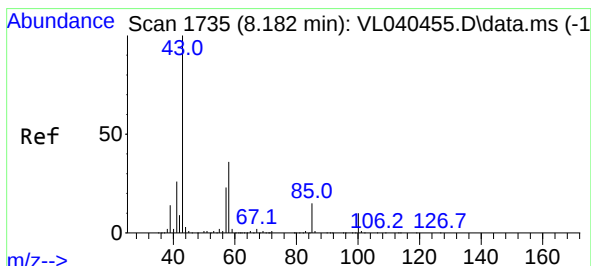
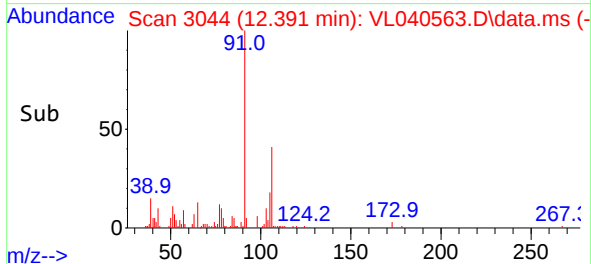
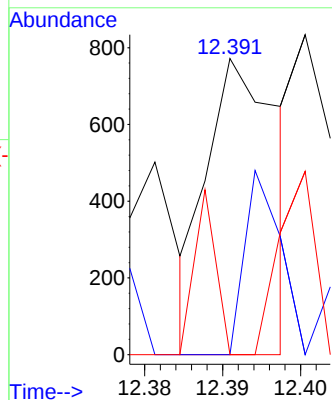
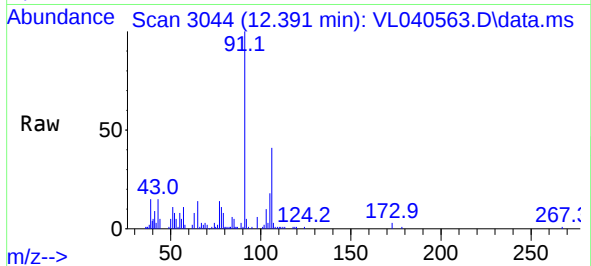




#49
Bromoform
Concen: 0.005 ppbv
RT: 12.391 min Scan# 3053
Delta R.T. -0.032 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

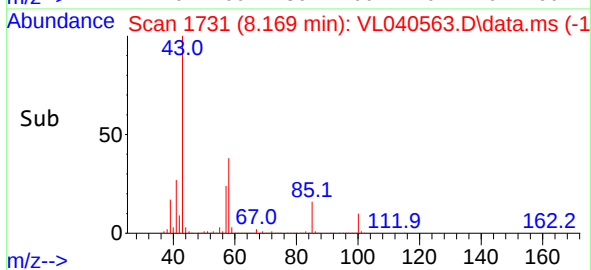
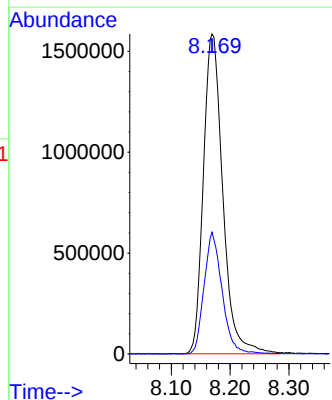
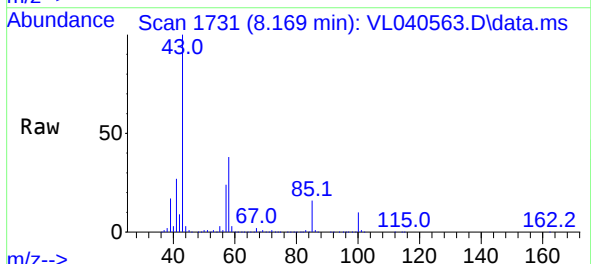
Instrument :
MSVOA_L
ClientSampleId :

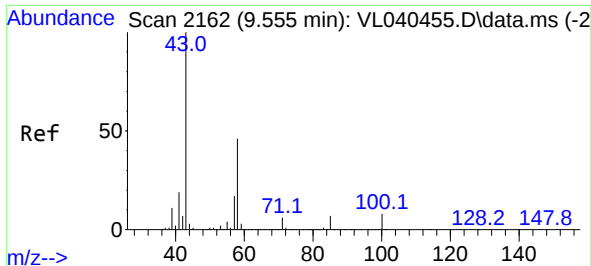
Tgt Ion:173 Resp: 488
Ion Ratio Lower Upper
173 100
175 0.0 39.5 59.3#
171 0.0 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 21.185 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

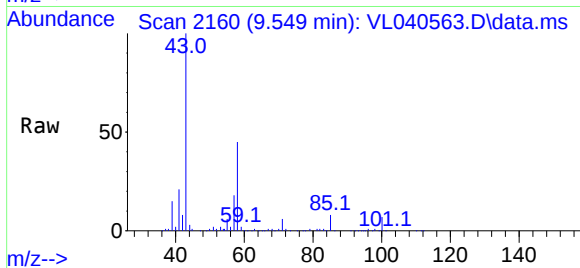
Tgt Ion: 43 Resp: 3635427
Ion Ratio Lower Upper
43 100
58 35.5 30.2 45.2



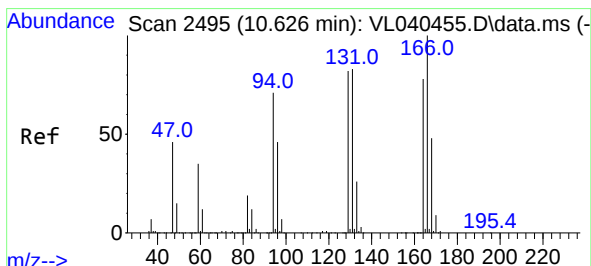
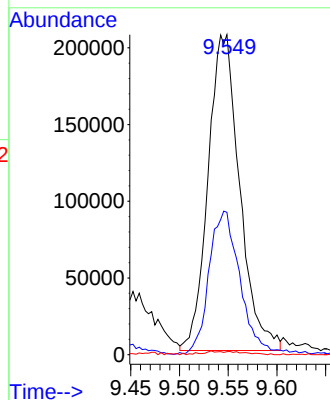
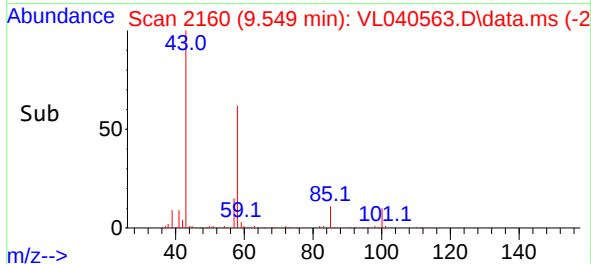


#51
2-Hexanone
Concen: 3.837 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.012 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

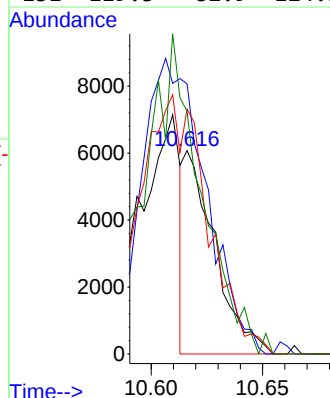
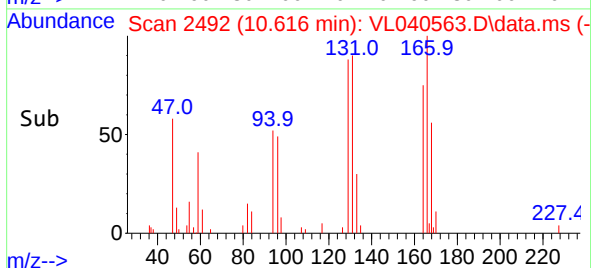
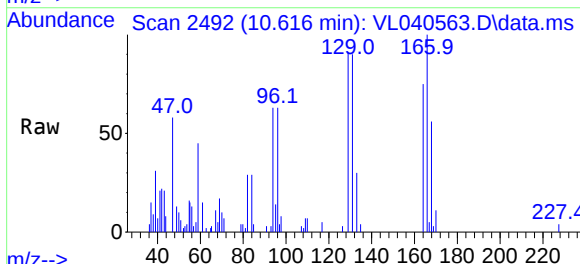


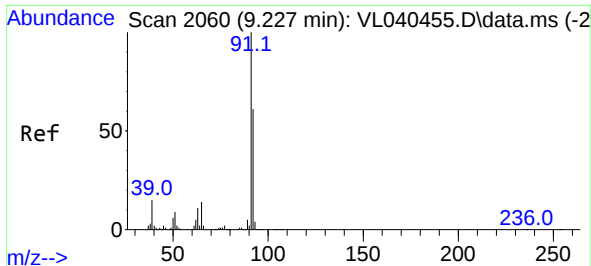
Tgt Ion: 43 Resp: 465631
Ion Ratio Lower Upper
43 100
58 45.2 39.7 59.5
98 1.4 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.093 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.010 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 164 Resp: 5780
Ion Ratio Lower Upper
164 100
166 126.8 103.9 155.9
129 120.3 84.6 126.8
131 119.3 82.9 124.3

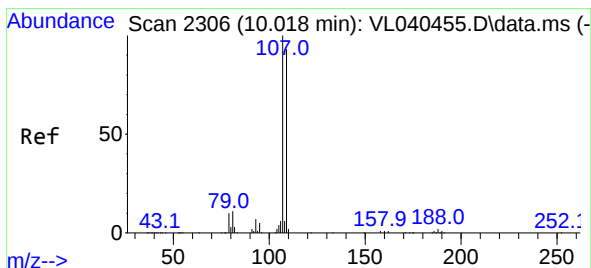
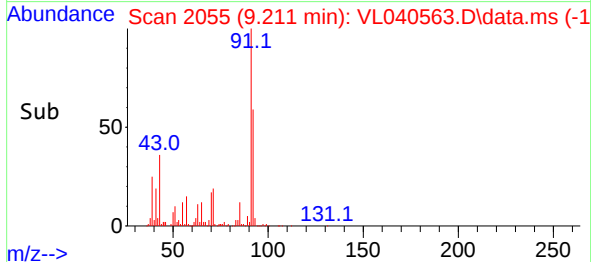
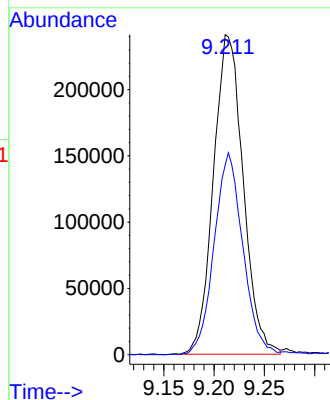
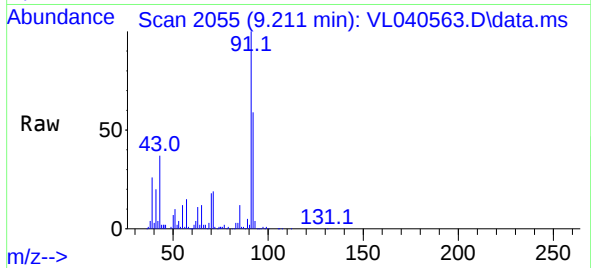




#53
Toluene
Concen: 2.371 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

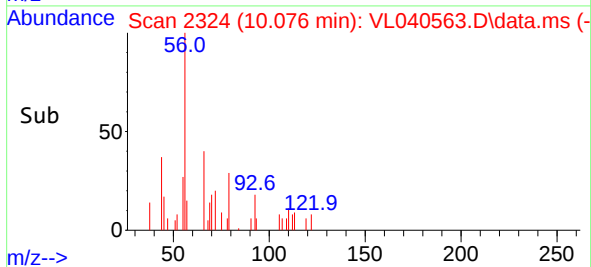
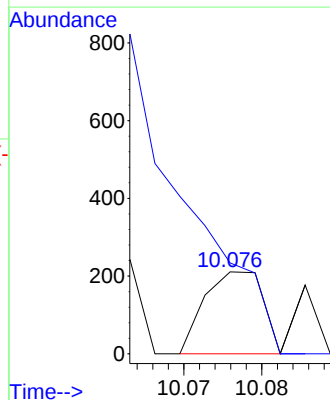
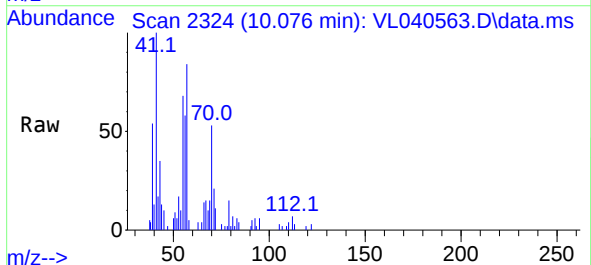
Instrument :
MSVOA_L
ClientSampleId :

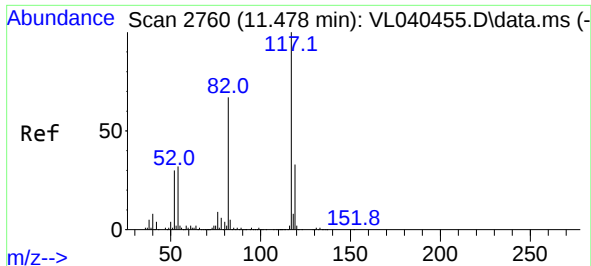
Tgt Ion: 91 Resp: 495297
Ion Ratio Lower Upper
91 100
92 61.6 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.001 ppbv
RT: 10.076 min Scan# 2324
Delta R.T. 0.055 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

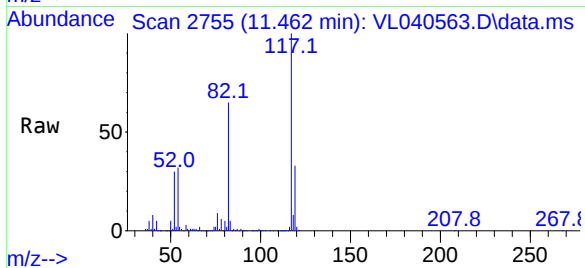
Tgt Ion: 107 Resp: 110
Ion Ratio Lower Upper
107 100
109 110.9 75.4 113.2



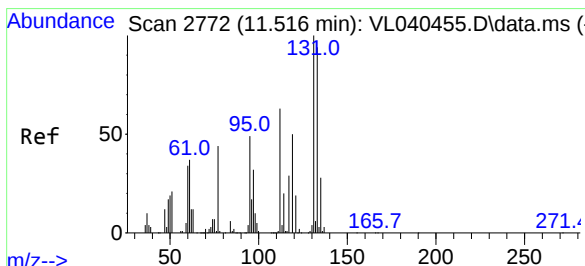
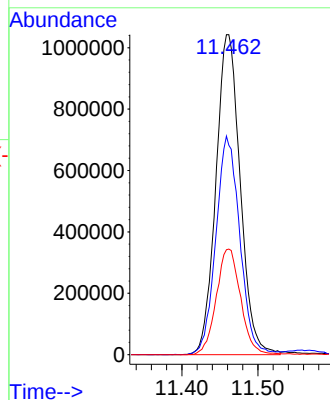
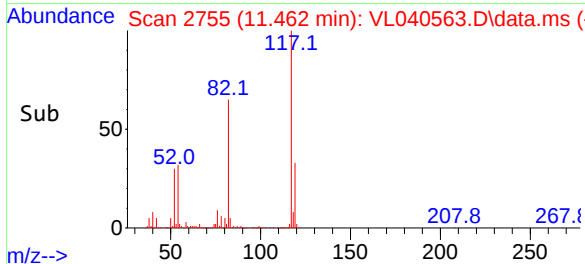


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

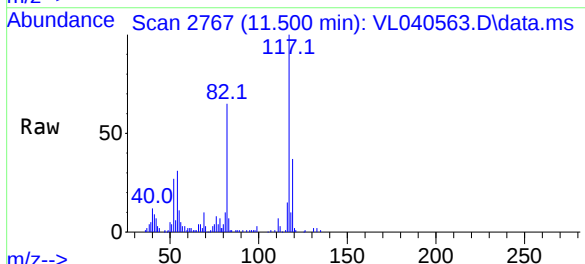
Instrument :
MSVOA_L
ClientSampleId :



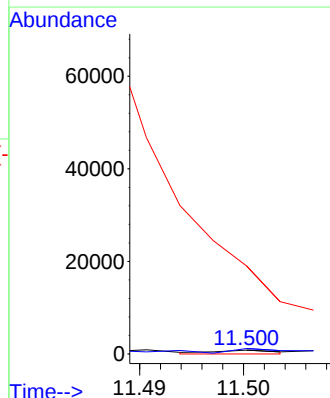
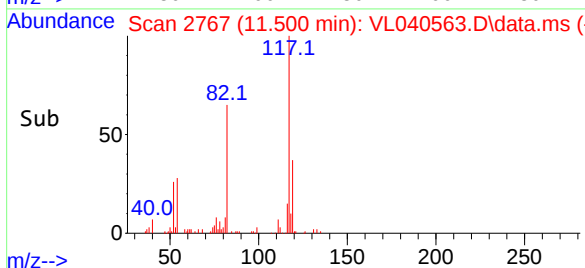
Tgt Ion:117 Resp: 2319107
Ion Ratio Lower Upper
117 100
82 67.4 50.2 75.4
119 33.1 26.9 40.3

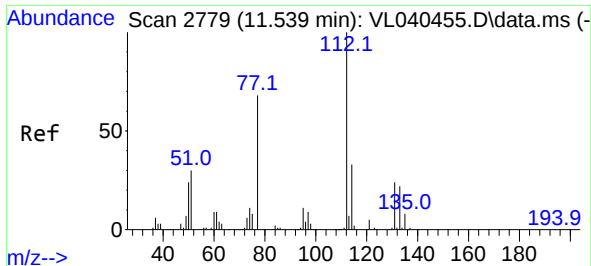


#56
1,1,1,2-Tetrachloroethane
Concen: 0.003 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



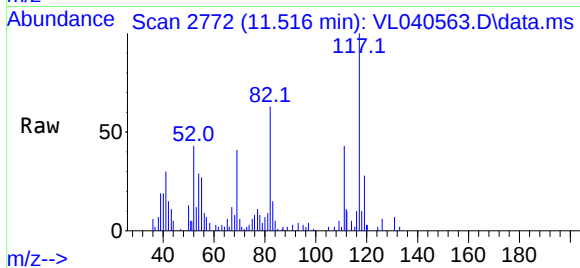
Tgt Ion:131 Resp: 335
Ion Ratio Lower Upper
131 100
133 0.0 76.3 114.5#
119 0.0 51.1 76.7#



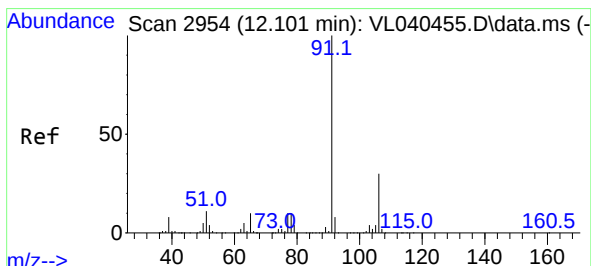
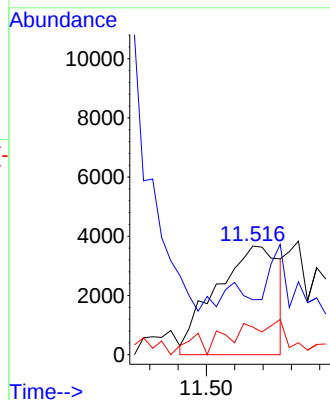
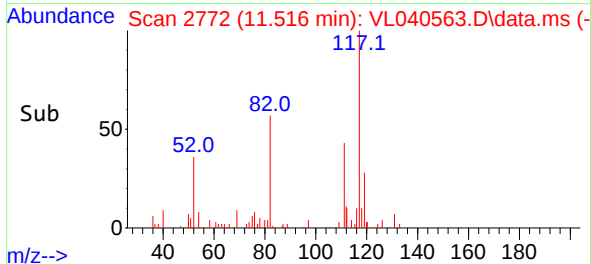


#57
Chlorobenzene
Concen: 0.031 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

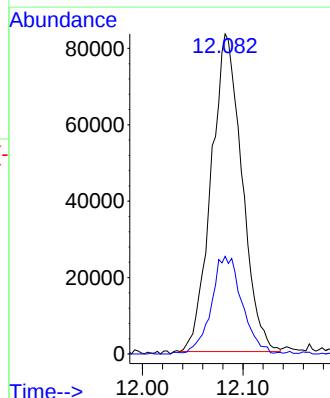
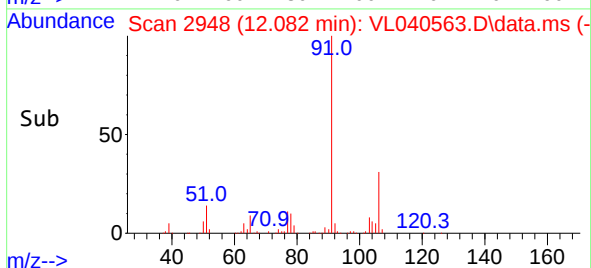
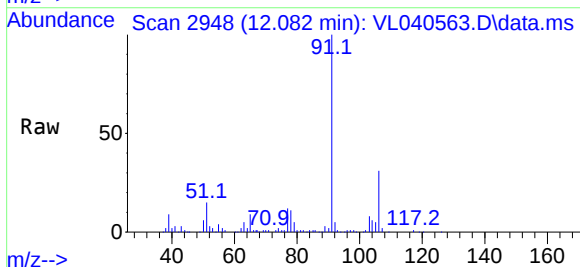


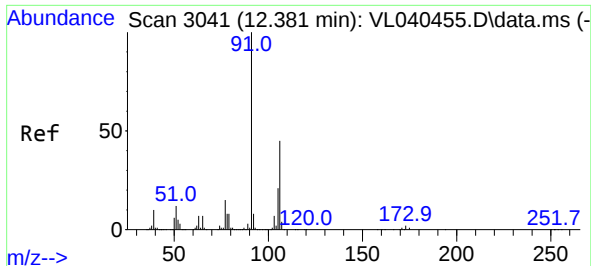
Tgt Ion:112 Resp: 5630
Ion Ratio Lower Upper
112 100
77 0.0 51.0 76.6#
114 18.4 28.3 34.5#



#58
Ethyl Benzene
Concen: 0.608 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 91 Resp: 176893
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0





#59

m/p-Xylene

Concen: 2.842 ppbv

RT: 12.336 min Scan# 3041

Delta R.T. -0.048 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

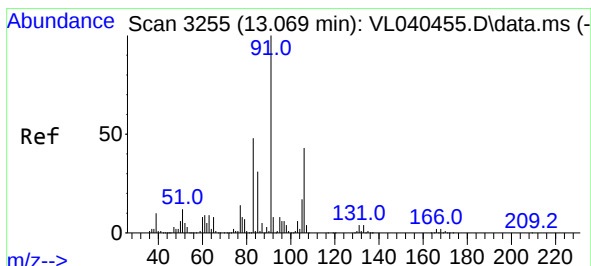
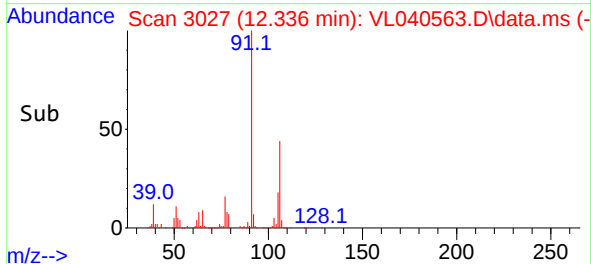
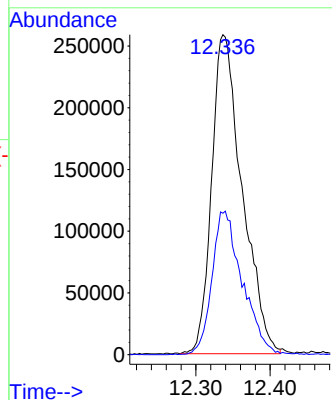
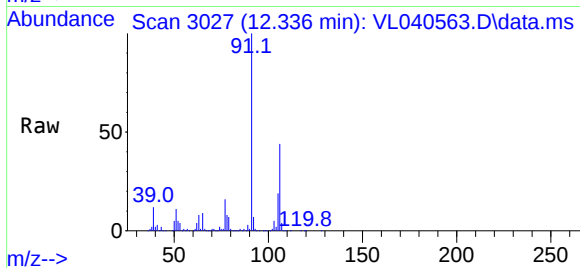
ClientSampleId :

Tgt Ion: 91 Resp: 738342

Ion Ratio Lower Upper

91 100

106 44.9 35.9 53.9



#60

o-Xylene

Concen: 1.641 ppbv

RT: 13.050 min Scan# 3249

Delta R.T. -0.019 min

Lab File: VL040563.D

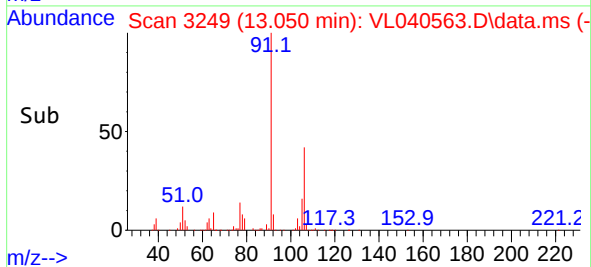
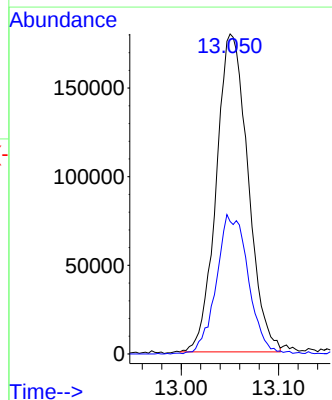
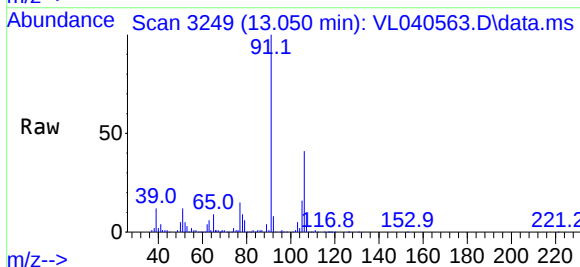
Acq: 27 Jul 2023 6:09

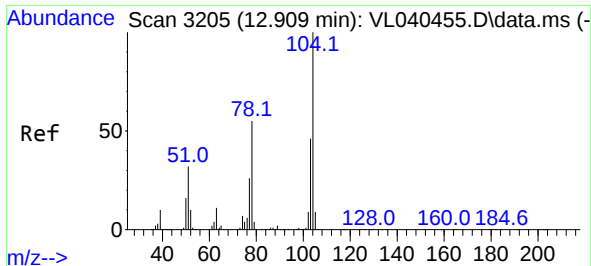
Tgt Ion: 91 Resp: 405949

Ion Ratio Lower Upper

91 100

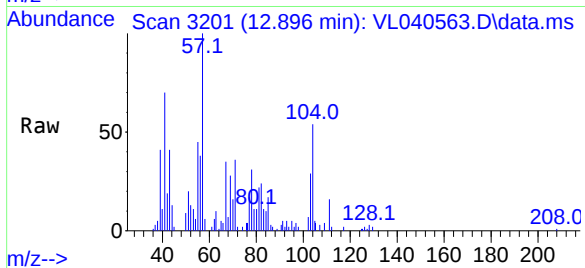
106 44.4 22.7 68.0



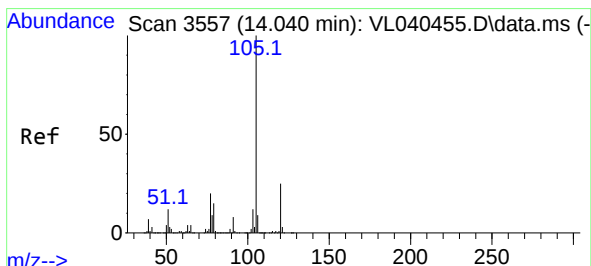
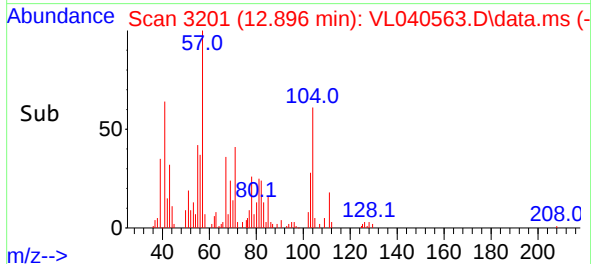
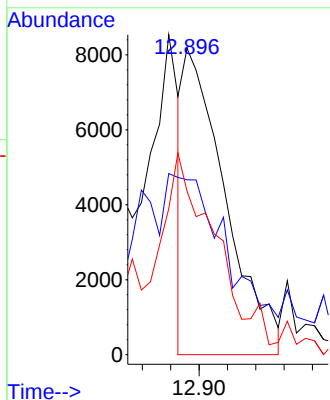


#61
Styrene
Concen: 0.073 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

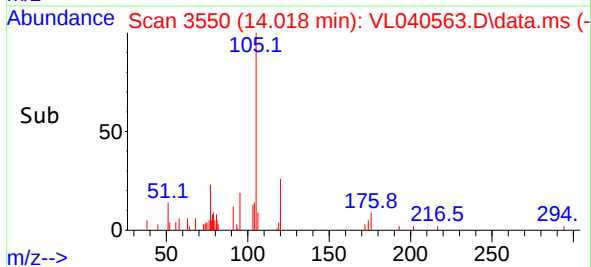
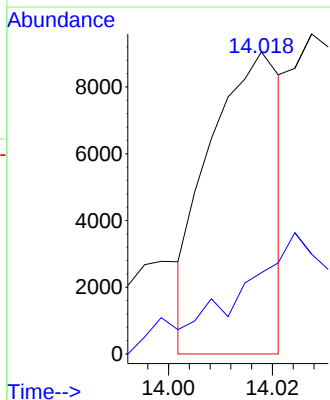
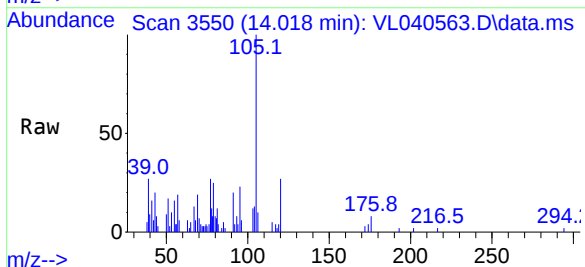


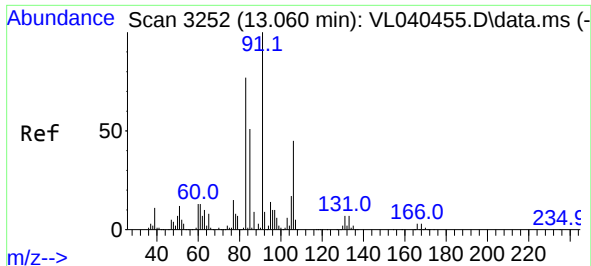
Tgt Ion:104 Resp: 8380
Ion Ratio Lower Upper
104 100
78 0.0 40.1 60.1#
103 112.8 37.0 55.4#



#62
Isopropylbenzene
Concen: 0.023 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion:105 Resp: 8617
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#

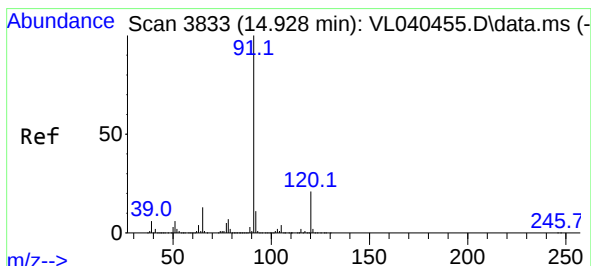
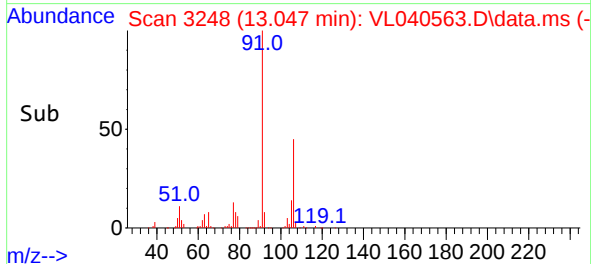
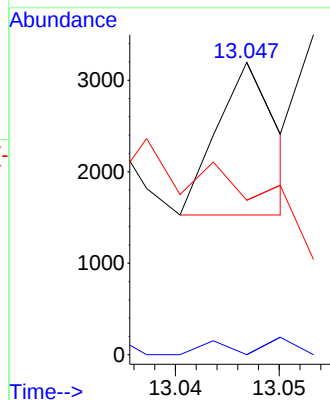
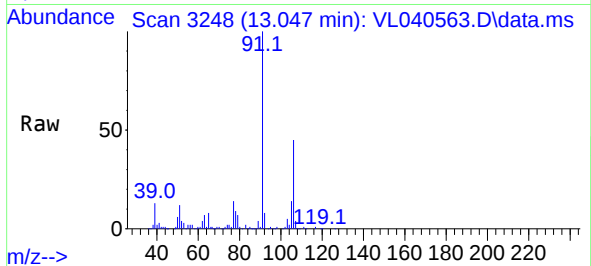




#63
1,1,2,2-Tetrachloroethane
Concen: 0.004 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

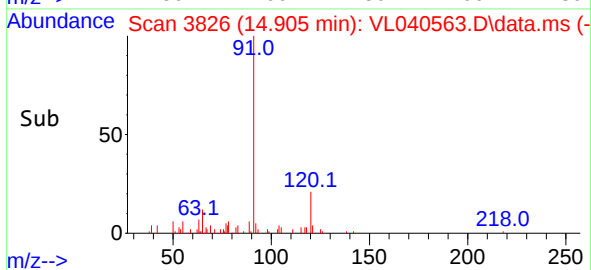
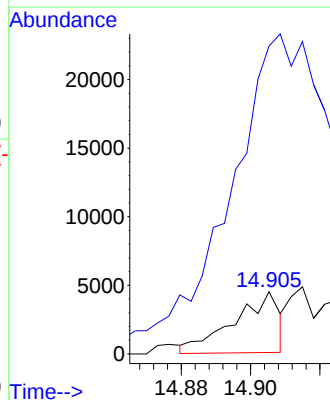
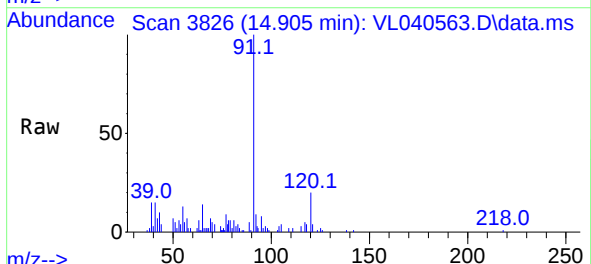
Instrument :
MSVOA_L
ClientSampleId :

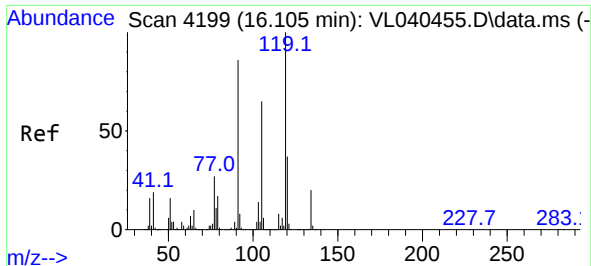
Tgt Ion: 83 Resp: 661
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8#
85 0.0 32.8 98.3#



#64
n-propylbenzene
Concen: 0.042 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

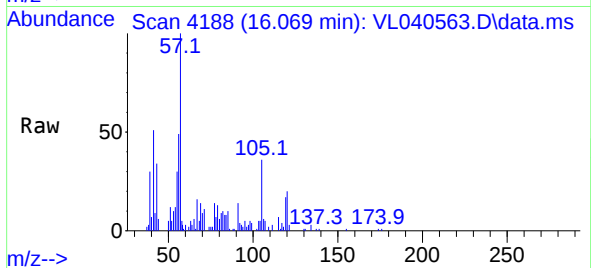
Tgt Ion: 120 Resp: 4032
Ion Ratio Lower Upper
120 100
91 1364.2 374.3 561.5#



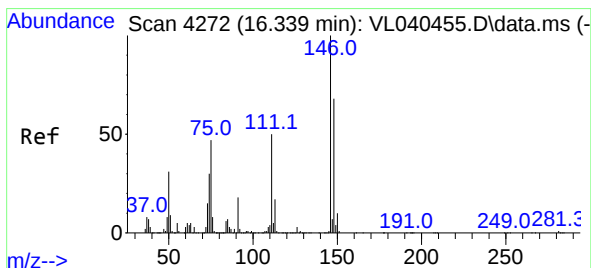
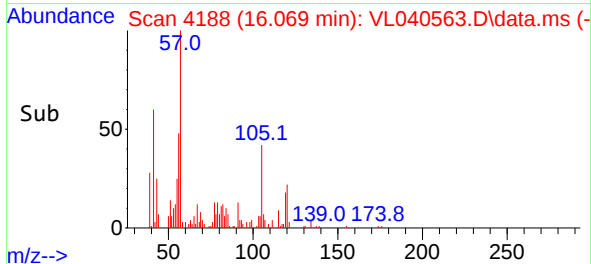
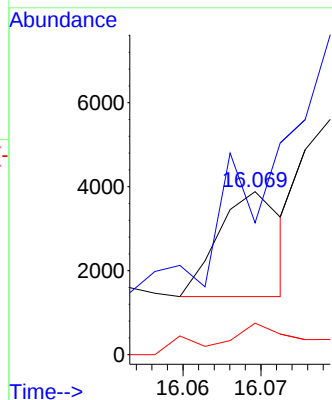


#65
tert-Butylbenzene
Concen: 0.004 ppbv
RT: 16.069 min Scan# 4199
Delta R.T. -0.032 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

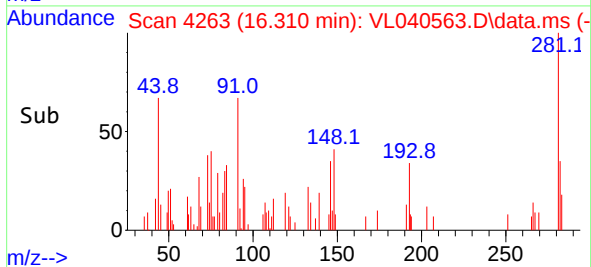
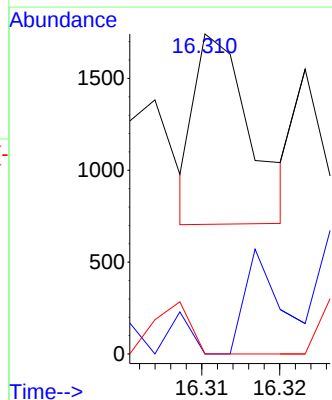
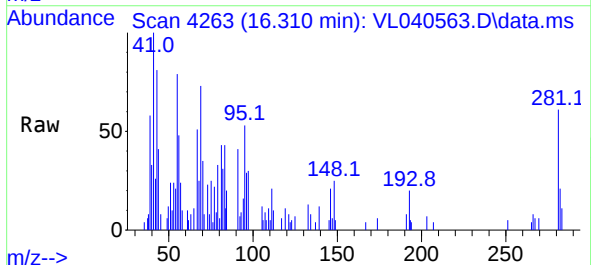


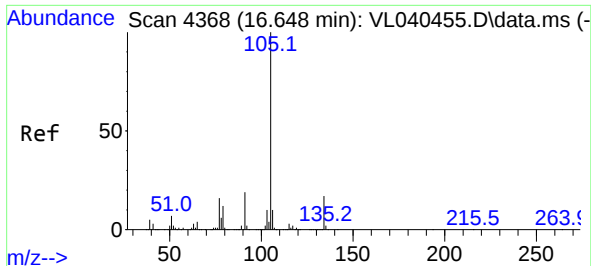
Tgt Ion:119 Resp: 1413
Ion Ratio Lower Upper
119 100
91 0.0 66.1 99.1#
134 0.0 15.7 23.5#



#66
Benzyl Chloride
Concen: 0.022 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 91 Resp: 509
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67

sec-Butylbenzene

Concen: 0.014 ppbv

RT: 16.625 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL040563.D

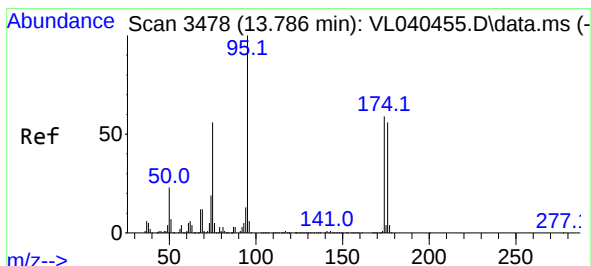
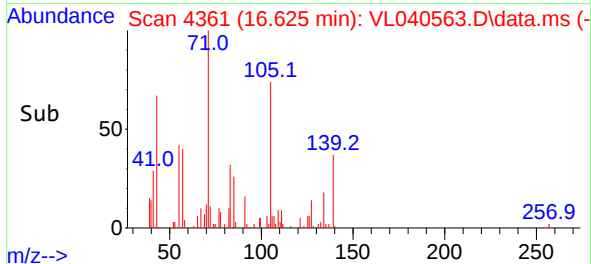
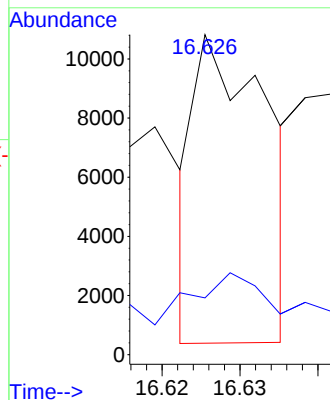
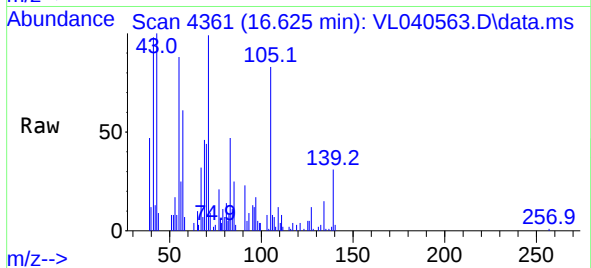
Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:105 Resp: 6754
 Ion Ratio Lower Upper
 105 100
 134 77.3 14.4 21.6#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.643 ppbv

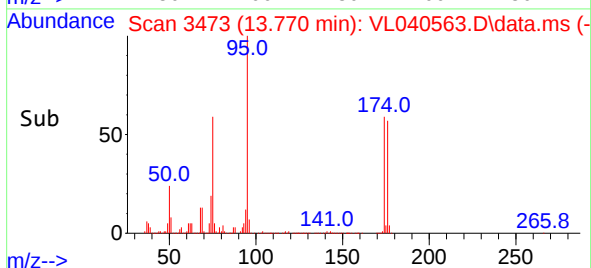
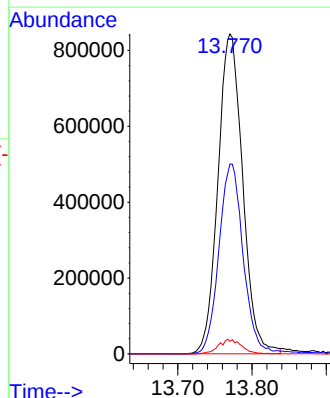
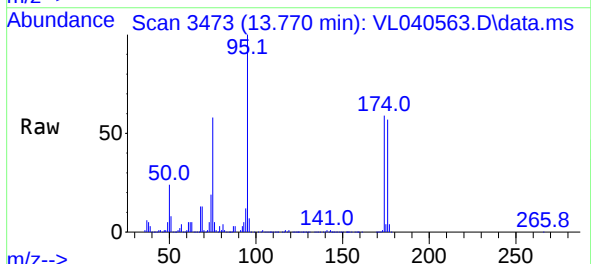
RT: 13.770 min Scan# 3473

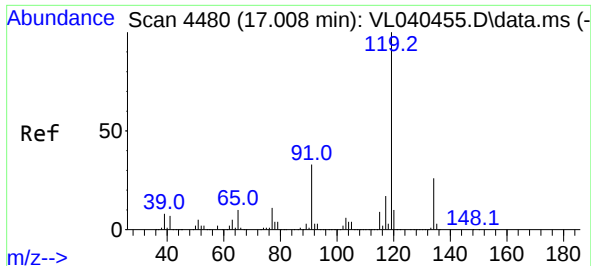
Delta R.T. -0.013 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Tgt Ion: 95 Resp: 1953506
 Ion Ratio Lower Upper
 95 100
 174 59.0 50.6 75.8
 175 4.3 3.7 5.5

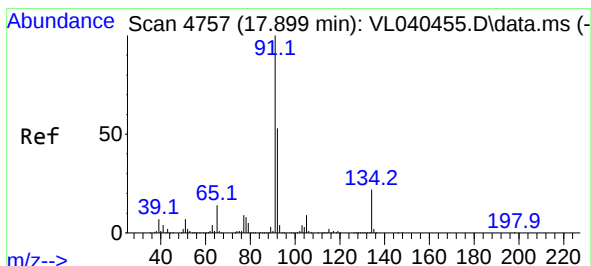
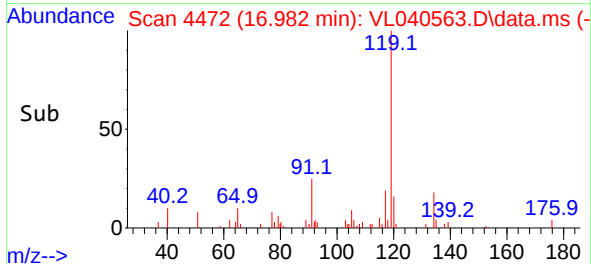
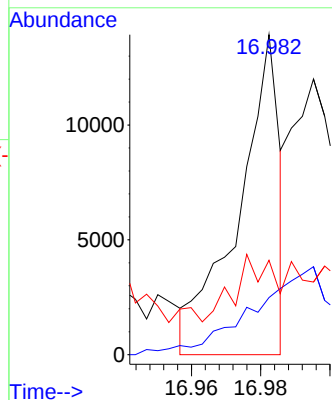
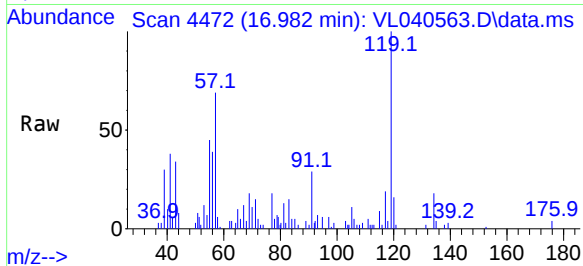




#69
p-Isopropyltoluene
Concen: 0.029 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

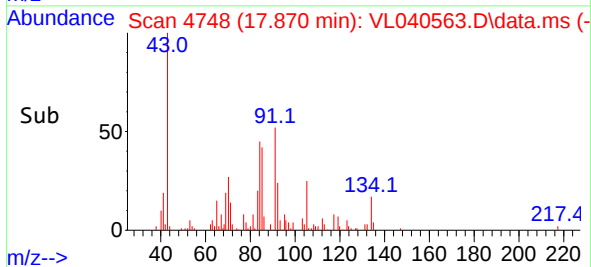
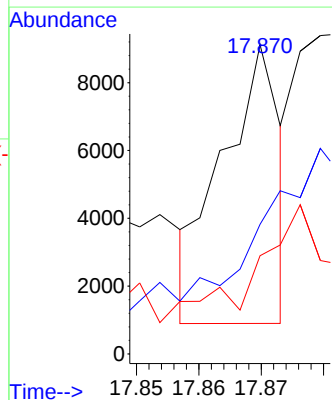
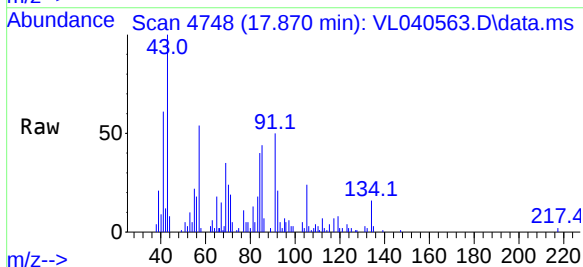
Instrument :
MSVOA_L
ClientSampleId :

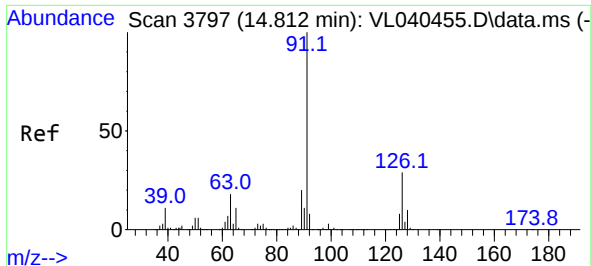
Tgt Ion:119 Resp: 11482
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7#
91 0.0 23.8 35.8#



#70
n-Butylbenzene
Concen: 0.012 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 91 Resp: 5314
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.0#
134 0.0 18.1 27.1#

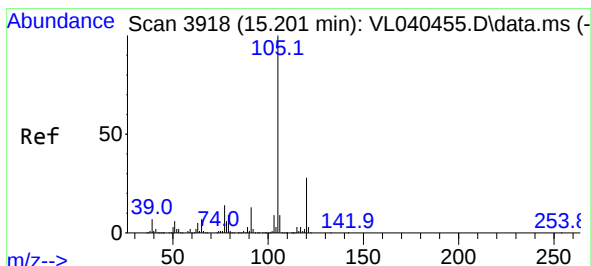
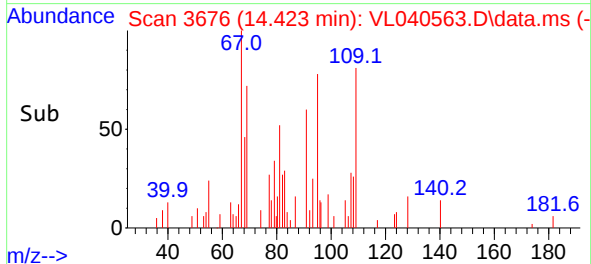
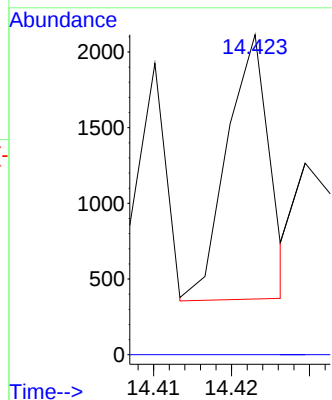
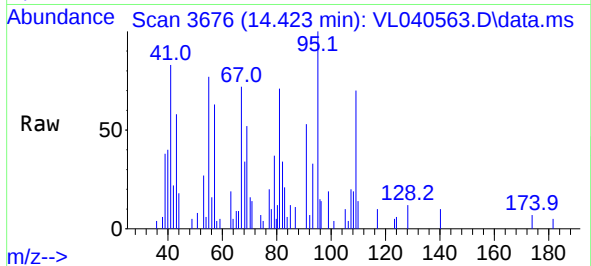




#71
2-Chlorotoluene
Concen: 0.002 ppbv
RT: 14.423 min Scan# 31
Delta R.T. -0.389 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

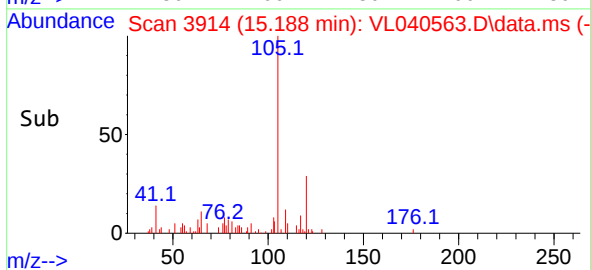
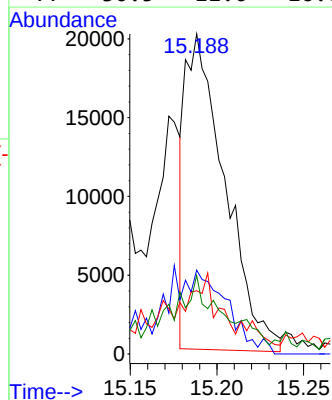
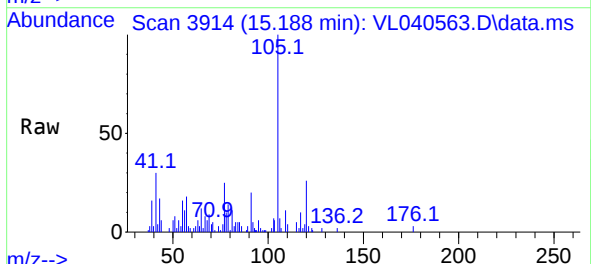
Instrument :
MSVOA_L
ClientSampleId :

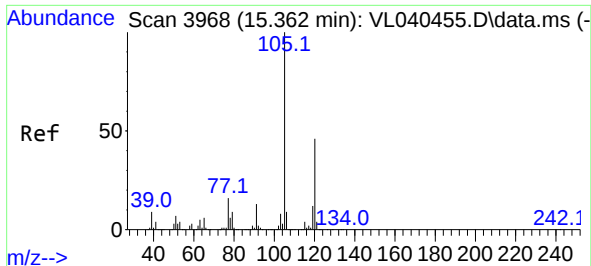
Tgt Ion: 91 Resp: 664
Ion Ratio Lower Upper
91 100
126 26.5 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.110 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 105 Resp: 31903
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 24.9 10.7 16.1#
77 30.5 11.0 16.6#

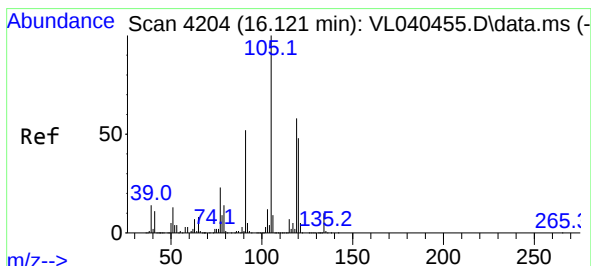
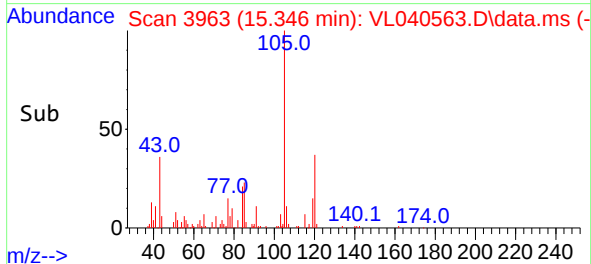
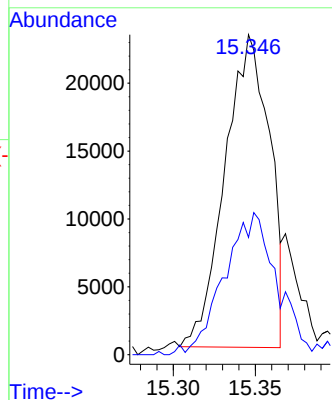
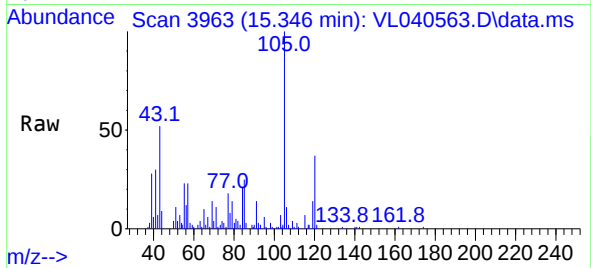




#73
1,3,5-Trimethylbenzene
Concen: 0.170 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

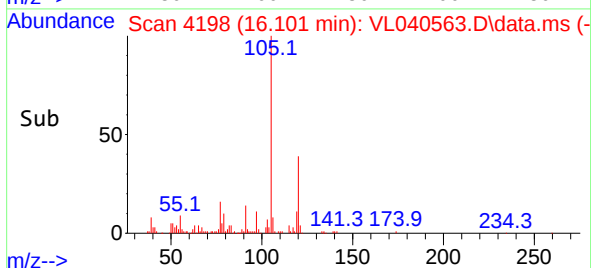
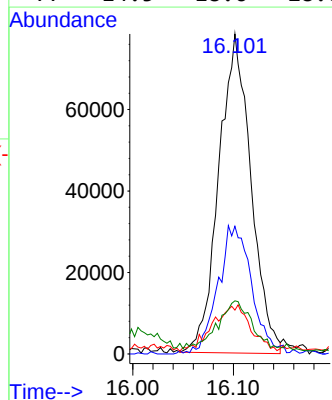
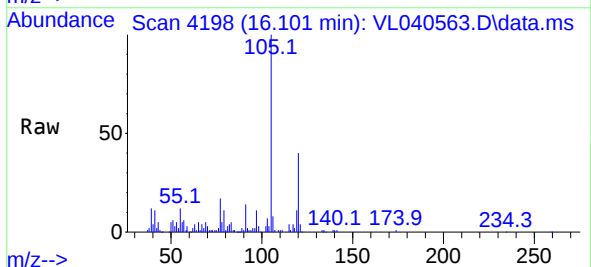
Instrument :
MSVOA_L
ClientSampleId :

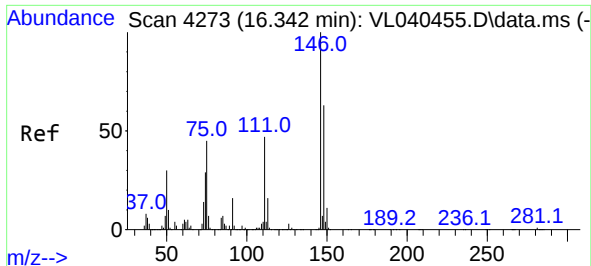
Tgt Ion:105 Resp: 43569
Ion Ratio Lower Upper
105 100
120 34.5 38.2 57.2#



#74
1,2,4-Trimethylbenzene
Concen: 0.583 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

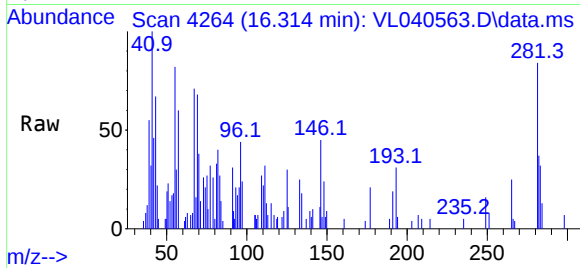
Tgt Ion:105 Resp: 173860
Ion Ratio Lower Upper
105 100
120 39.1 40.3 60.5#
91 12.9 46.8 70.2#
77 14.5 18.6 28.0#



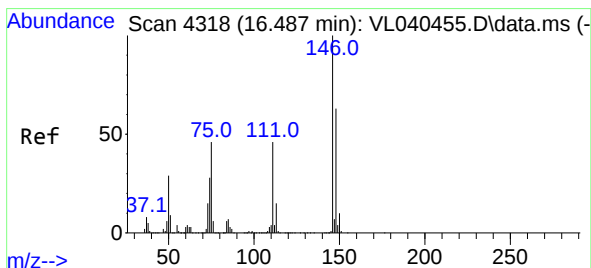
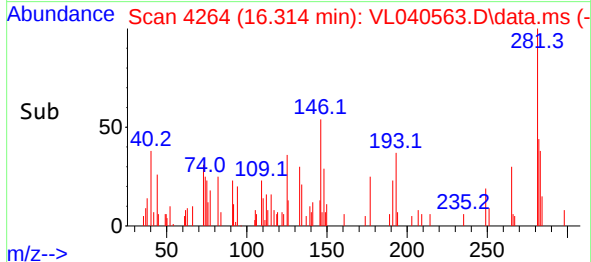
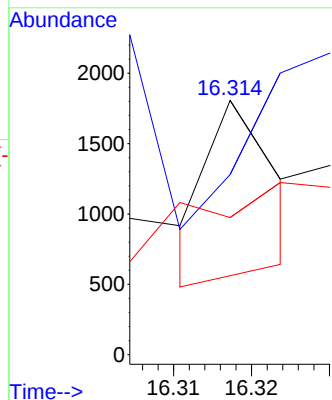


#75
1,3-Dichlorobenzene
Concen: 0.002 ppbv
RT: 16.314 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

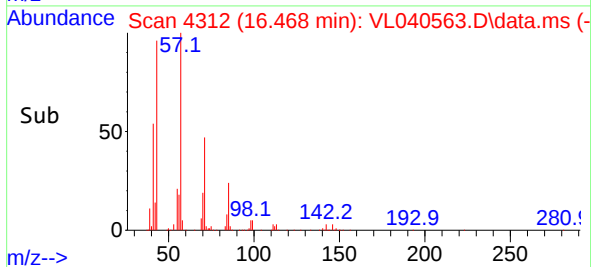
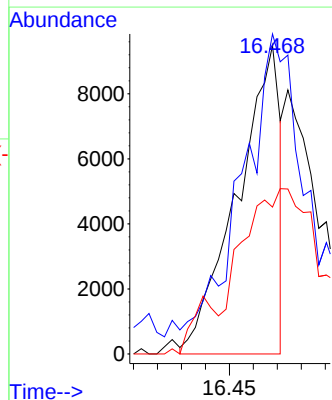
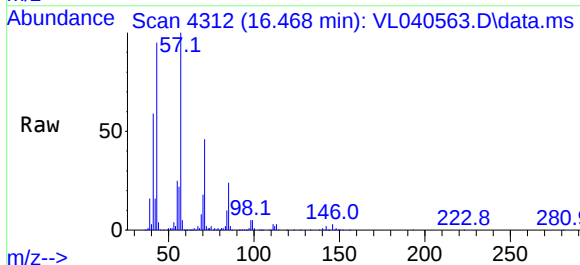


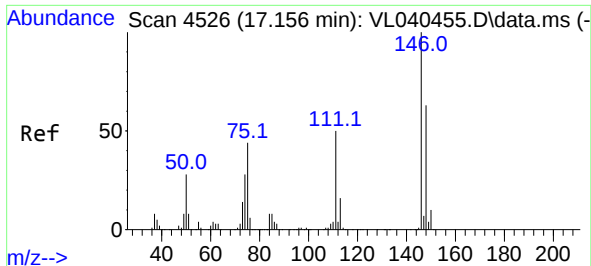
Tgt Ion:146 Resp: 373
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#



#76
1,4-Dichlorobenzene
Concen: 0.066 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

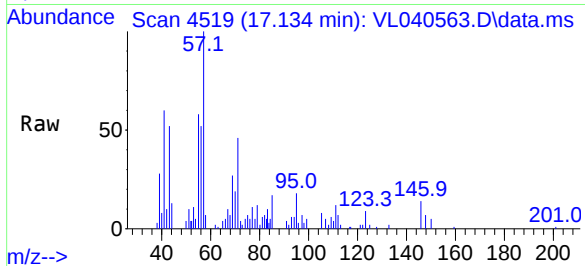
Tgt Ion:146 Resp: 11752
Ion Ratio Lower Upper
146 100
111 185.2 22.8 68.3#
148 0.0 32.6 97.8#



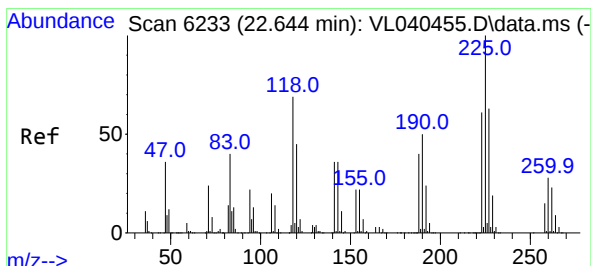
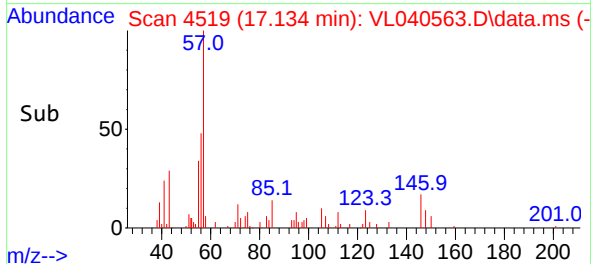
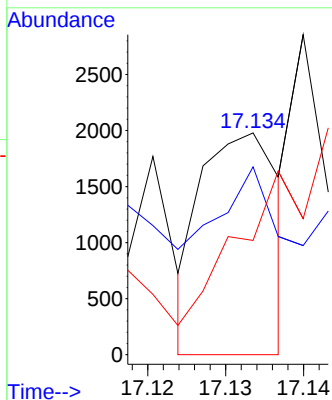


#77
1,2-Dichlorobenzene
Concen: 0.008 ppbv
RT: 17.134 min Scan# 4519
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

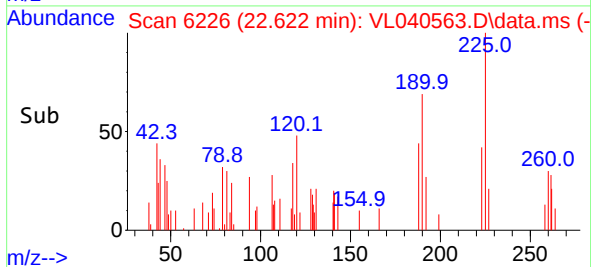
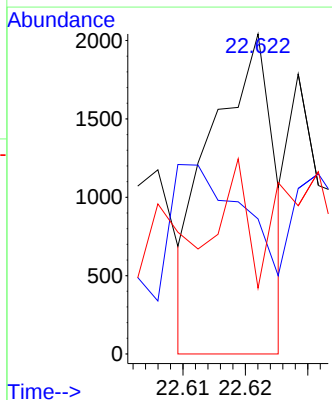
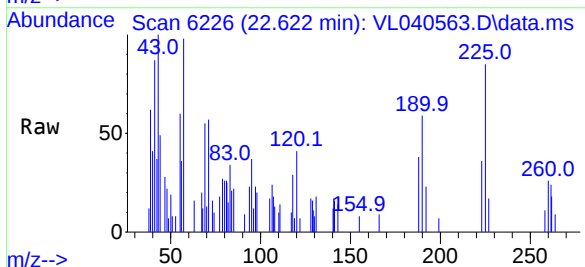


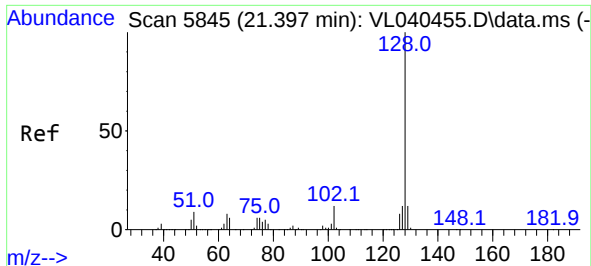
Tgt Ion:146 Resp: 1376
Ion Ratio Lower Upper
146 100
111 260.1 24.3 72.8#
148 0.0 32.1 96.3#



#78
Hexachloro-1,3-Butadiene
Concen: 0.009 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

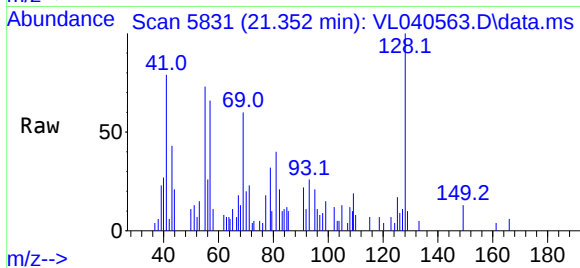
Tgt Ion:225 Resp: 1438
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 204.4 51.0 76.6#



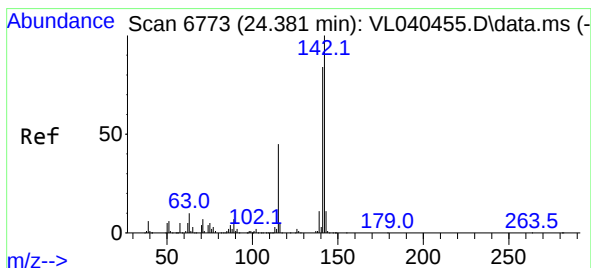
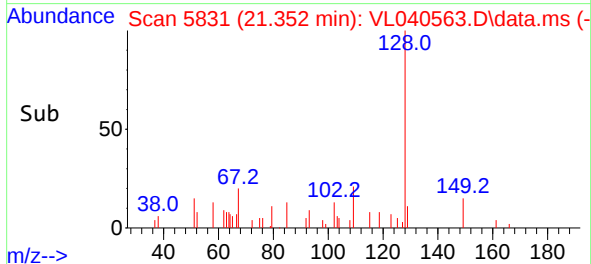
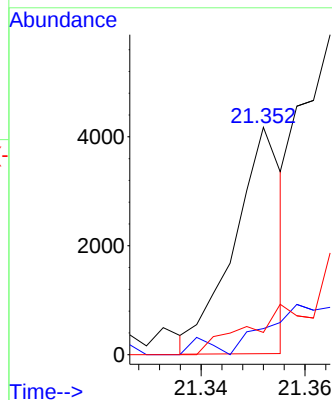


#79
Naphthalene
Concen: 0.011 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. -0.042 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :

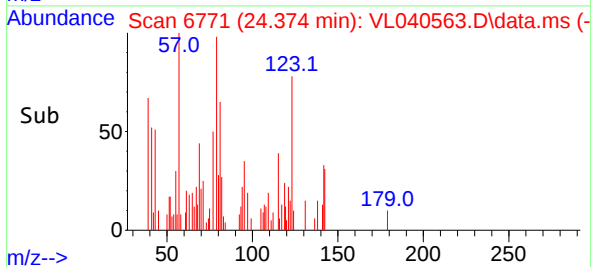
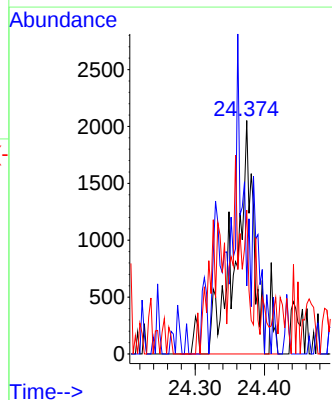
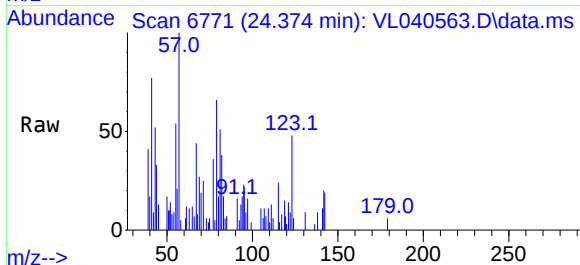


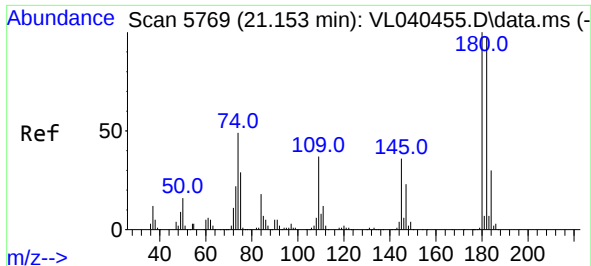
Tgt Ion:128 Resp: 2667
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.7 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.039 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.003 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

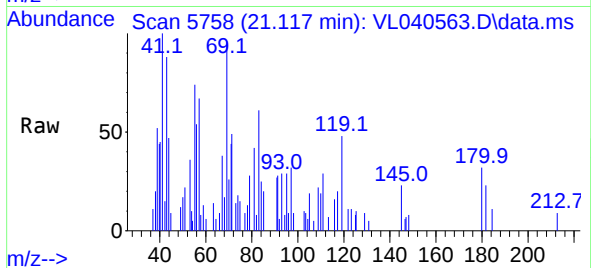
Tgt Ion:142 Resp: 4055
Ion Ratio Lower Upper
142 100
141 42.8 66.7 100.1#
115 0.0 33.0 49.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.004 ppbv
 RT: 21.117 min Scan# 51
 Delta R.T. -0.032 min
 Lab File: VL040563.D
 Acq: 27 Jul 2023 6:09

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 624
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.5 116.3#
 184 0.0 24.5 36.7#

