

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
 Data File : VL041542.D
 Acq On : 19 Aug 2024 10:48
 Operator : SY/MD
 Sample : VL0819ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

Quant Time: Aug 20 02:14:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 20 02:10:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	953834	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2568604	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2570572	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1934486	9.779	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	866011	5.278	ppbv	100
3) Chlorodifluoromethane	2.694	51	1148497	10.115	ppbv	100
4) Chloromethane	2.832	50	626957	10.381	ppbv	99
5) Vinyl Chloride	2.941	62	632244	10.621	ppbv	96
6) Bromomethane	3.141	94	337860	11.043	ppbv	98
7) Chloroethane	3.214	64	227400	11.069	ppbv	96
8) Dichlorotetrafluoroethane	2.877	85	1381485	9.502	ppbv	99
9) Propene	2.713	41	529749	10.156	ppbv	98
10) Heptane	7.600	43	1331349	11.360	ppbv	100
11) Trichlorofluoromethane	3.581	101	1495695	10.264	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.086	101	1072747	10.223	ppbv	100
13) Ethanol	3.266	45	9970	2.139	ppbv #	1
14) Bromoethene	3.385	108	429951	10.510	ppbv	99
15) Acetone	3.488	43	1136536	10.487	ppbv	99
16) 1,3-Butadiene	3.005	39	616058	10.640	ppbv	99
17) tert-Butyl alcohol	3.896	59	1138725	11.521	ppbv	100
18) 1,1-Dichloroethene	3.899	96	490575	10.929	ppbv	96
19) Isopropyl Alcohol	3.594	45	662593	10.458	ppbv #	98
20) Methylene Chloride	3.951	84	468002	11.580	ppbv	95
21) Allyl Chloride	4.015	41	776304	10.923	ppbv	100
22) trans-1,2-Dichloroethene	4.465	96	469979	10.471	ppbv	97
23) Vinyl Acetate	4.645	43	984169	11.890	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	1033773	10.608	ppbv	99
25) Ethyl Acetate	5.224	43	2417577	11.229	ppbv	99
26) Hexane	5.234	57	1027698	11.507	ppbv	97
27) Carbon Disulfide	4.144	76	1155043	11.055	ppbv	99
28) Methyl tert-Butyl Ether	4.603	73	589223	10.461	ppbv	100
29) Chloroform	5.295	83	1534946	10.536	ppbv	99
30) Cyclohexane	6.623	84	826550	11.364	ppbv	99
31) cis-1,2-Dichloroethene	5.099	61	959317	10.873	ppbv	99
32) 1,1,1-Trichloroethane	6.025	97	1517453	10.701	ppbv	100
34) 2-Butanone	4.806	43	1409794	11.346	ppbv	100
35) Carbon Tetrachloride	6.513	117	1592749	11.242	ppbv	98
36) Benzene	6.391	78	2079587	11.080	ppbv	98
37) 1,2-Dichloroethane	5.829	62	1168791	11.126	ppbv	100
38) Trichloroethene	7.311	130	970933	11.292	ppbv	97
39) 1,2-Dichloropropane	7.095	63	802701	11.171	ppbv	96
40) 1,4-Dioxane	7.308	88	276693	9.586	ppbv #	52
41) Tetrahydrofuran	5.574	42	830620	11.688	ppbv	98
42) Bromodichloromethane	7.269	83	1674518	11.039	ppbv	98
43) Methyl Methacrylate	7.494	69	830856	12.345	ppbv	99
44) 2,2,4-Trimethylpentane	7.346	57	3498360	11.160	ppbv	99
45) t-1,3-Dichloropropene	8.732	75	832465	13.438	ppbv	96

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

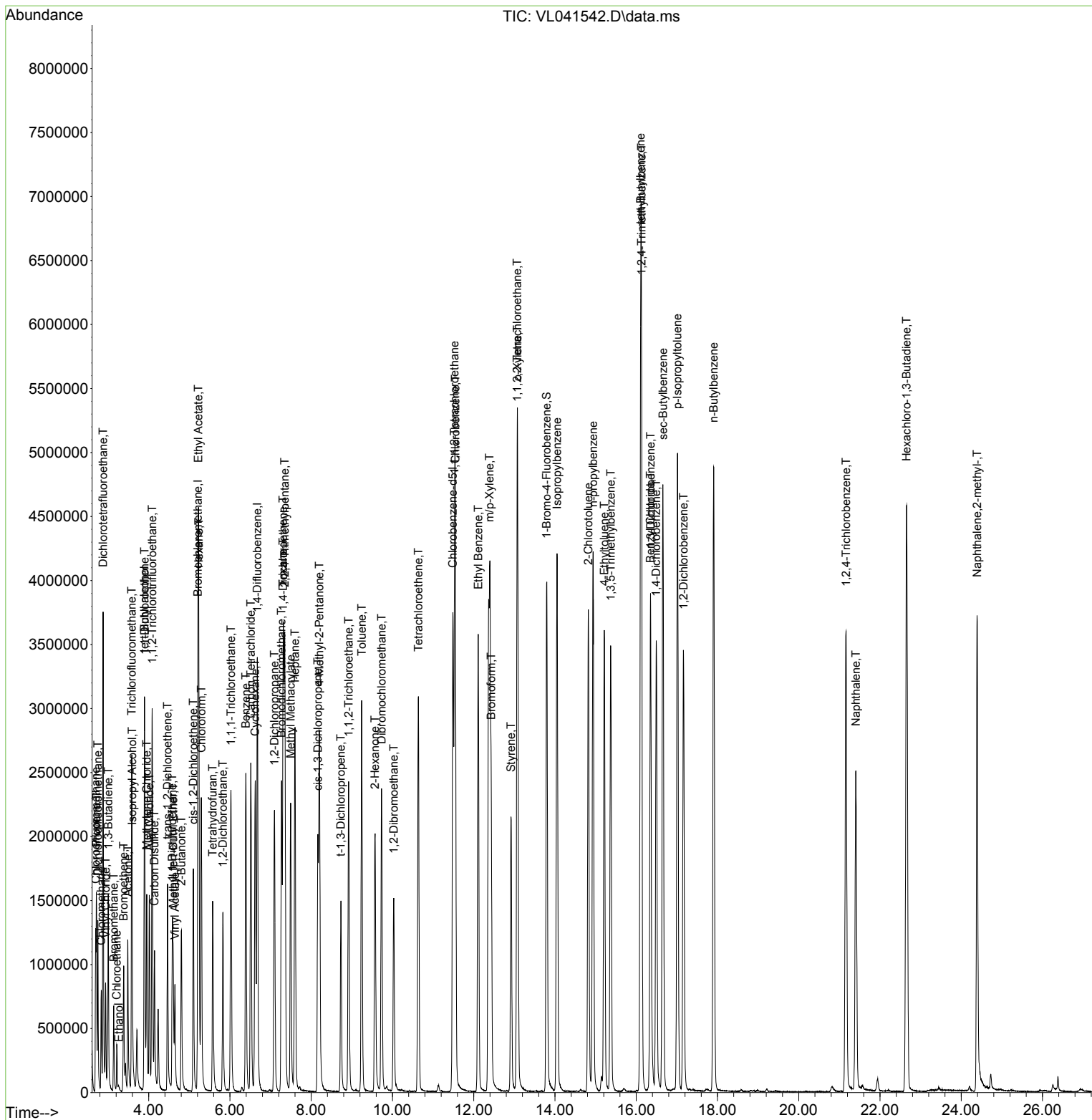
Instrument :
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 ClientSampleId :
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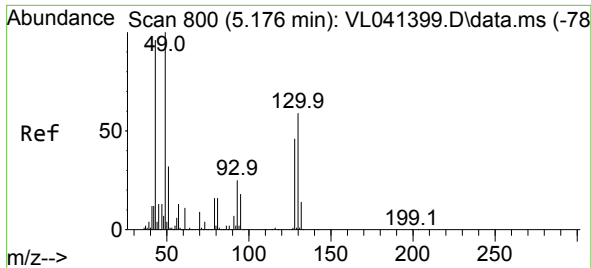
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 20 02:10:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	1134089	12.678	ppbv	98
47) 1,1,2-Trichloroethane	8.922	97	871843	11.007	ppbv	98
48) Dibromochloromethane	9.732	129	1455263	11.405	ppbv	100
49) Bromoform	12.430	173	1269504	11.778	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	2350707	11.991	ppbv	99
51) 2-Hexanone	9.571	43	1863582	12.572	ppbv #	99
52) Tetrachloroethene	10.639	164	782284	10.787	ppbv	98
53) Toluene	9.243	91	2430940	11.628	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1250868	11.865	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.529	131	1071372	10.747	ppbv #	59
57) Chlorobenzene	11.549	112	1920481	10.493	ppbv	98
58) Ethyl Benzene	12.111	91	3271939	11.043	ppbv	98
59) m/p-Xylene	12.391	91	2913500	11.391	ppbv #	34
60) o-Xylene	13.079	91	2684986	11.097	ppbv	100
61) Styrene	12.918	104	1314788	12.045	ppbv	98
62) Isopropylbenzene	14.050	105	3916892	10.649	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1660380	10.867	ppbv	100
64) n-propylbenzene	14.937	120	1051699	10.937	ppbv	95
65) tert-Butylbenzene	16.111	119	3561329	10.720	ppbv	100
66) Benzyl Chloride	16.349	91	293870	13.791	ppbv	99
67) sec-Butylbenzene	16.658	105	4963512	10.844	ppbv	100
69) p-Isopropyltoluene	17.015	119	4185466	11.019	ppbv	99
70) n-Butylbenzene	17.908	91	4322218	11.100	ppbv	100
71) 2-Chlorotoluene	14.822	91	2956439	10.899	ppbv	99
72) 4-Ethyltoluene	15.214	105	3303117	11.596	ppbv	99
73) 1,3,5-Trimethylbenzene	15.372	105	2807444	11.440	ppbv	98
74) 1,2,4-Trimethylbenzene	16.130	105	3111891	10.908	ppbv	99
75) 1,3-Dichlorobenzene	16.352	146	1936719	10.799	ppbv	100
76) 1,4-Dichlorobenzene	16.494	146	1874477	10.794	ppbv	99
77) 1,2-Dichlorobenzene	17.166	146	1866349	10.498	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1419954	9.366	ppbv	100
79) Naphthalene	21.407	128	3143301	12.483	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	2571622	12.183	ppbv	99
81) 1,2,4-Trichlorobenzene	21.166	180	1655281	11.046	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
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Response via : Initial Calibration

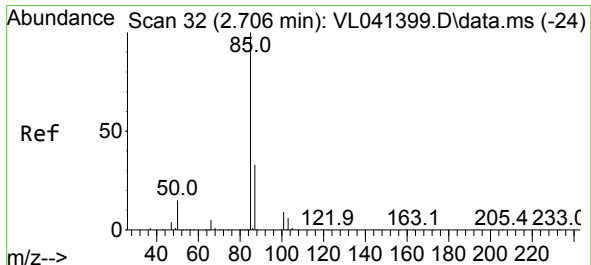
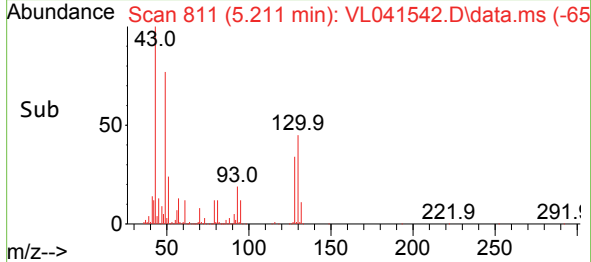
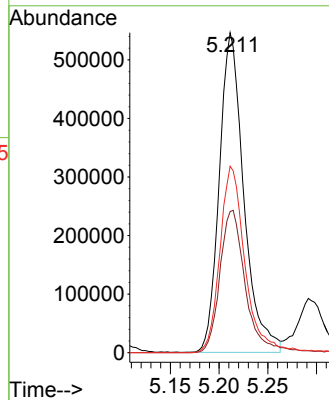
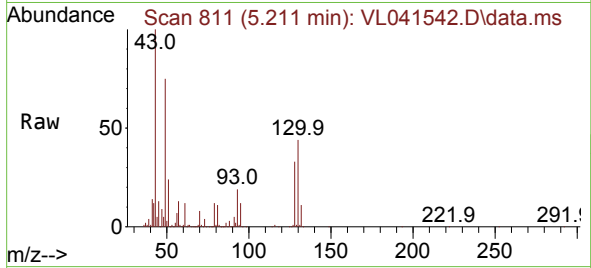




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

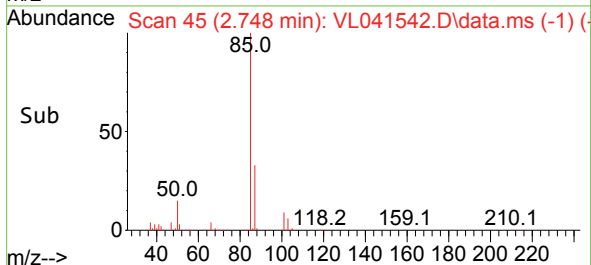
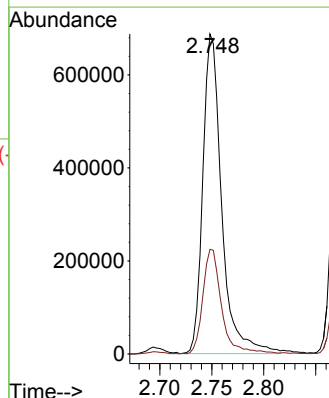
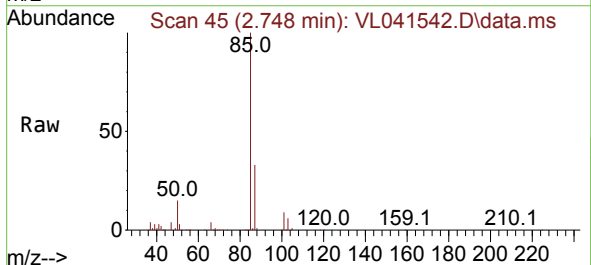
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

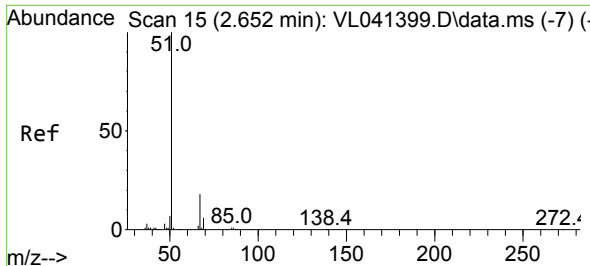
Tgt Ion: 49 Resp: 953834
Ion Ratio Lower Upper
49 100
128 47.0 23.8 71.4
130 60.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 5.278 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 85 Resp: 866011
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0

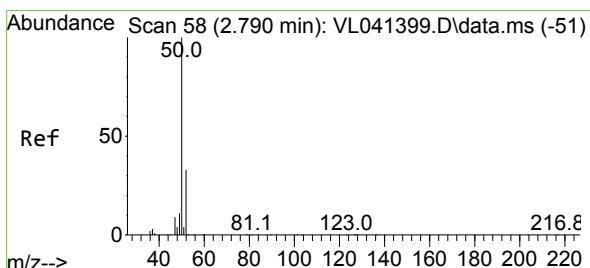
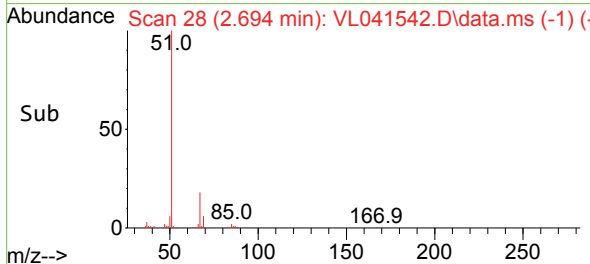
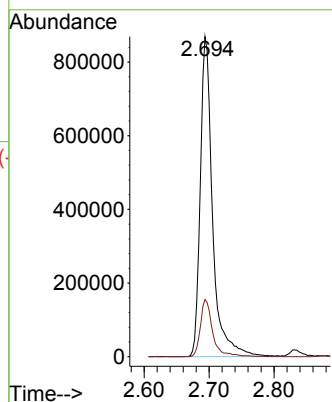
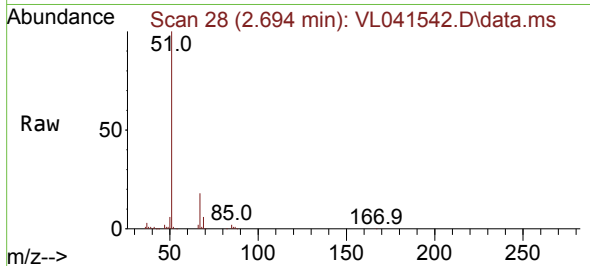




#3
Chlorodifluoromethane
Concen: 10.115 ppbv
RT: 2.694 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

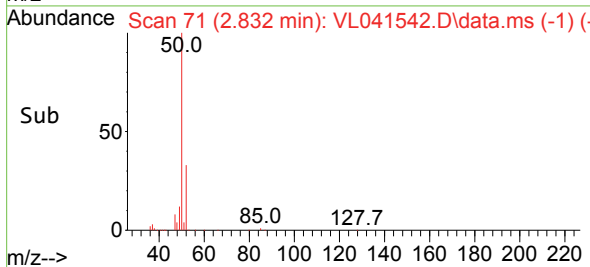
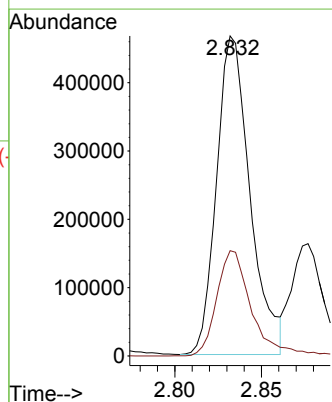
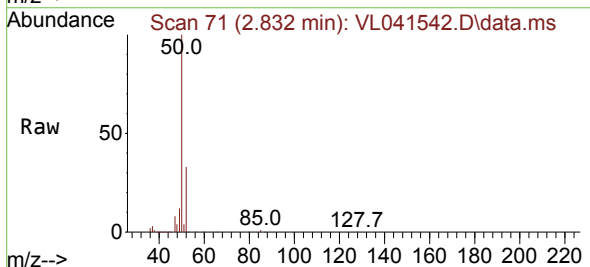
Instrument :
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ClientSampleId :
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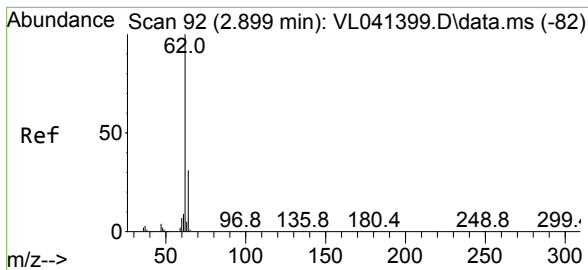
Tgt Ion: 51 Resp: 1148497
Ion Ratio Lower Upper
51 100
67 17.9 14.5 21.7



#4
Chloromethane
Concen: 10.381 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 50 Resp: 626957
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1

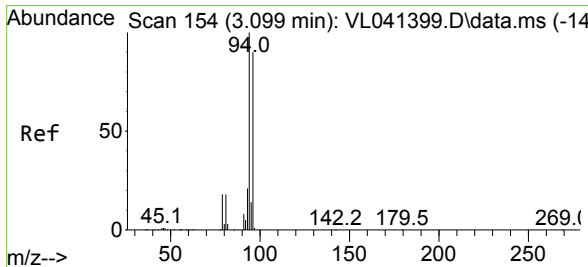
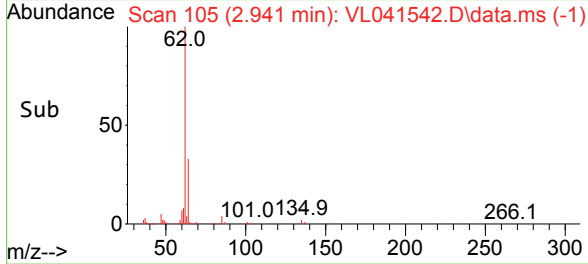
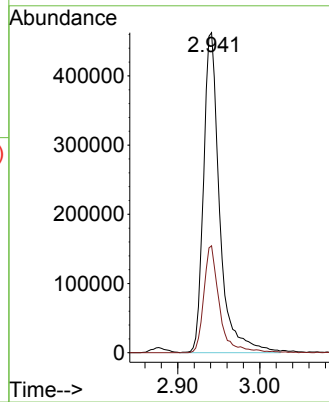
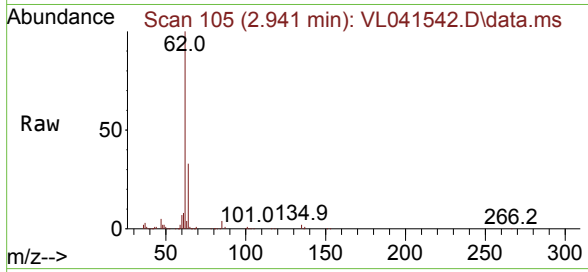




#5
 Vinyl Chloride
 Concen: 10.621 ppbv
 RT: 2.941 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

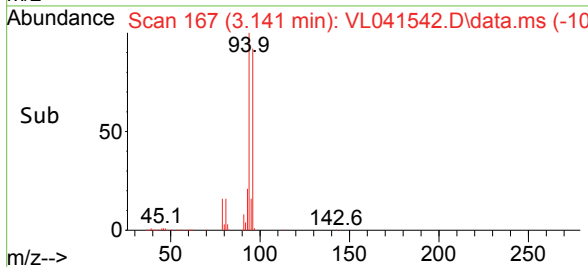
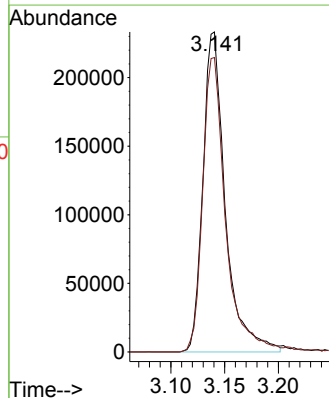
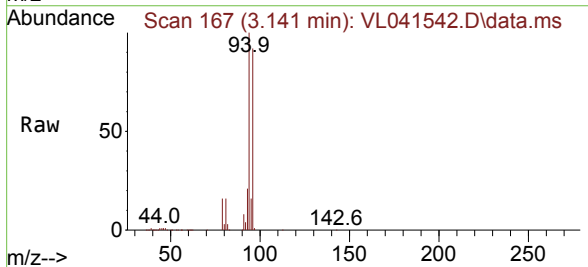
Instrument :
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 ClientSampleId :
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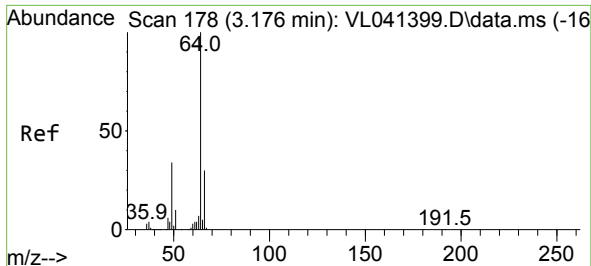
Tgt Ion: 62 Resp: 632244
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.0 37.4



#6
 Bromomethane
 Concen: 11.043 ppbv
 RT: 3.141 min Scan# 167
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 94 Resp: 337860
 Ion Ratio Lower Upper
 94 100
 96 92.0 72.3 108.5

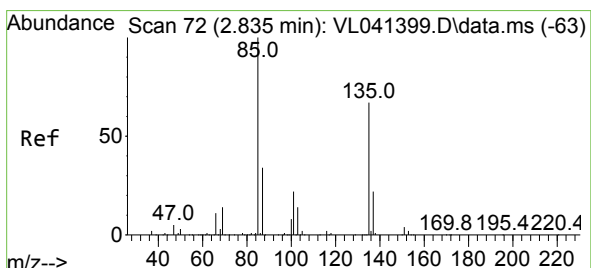
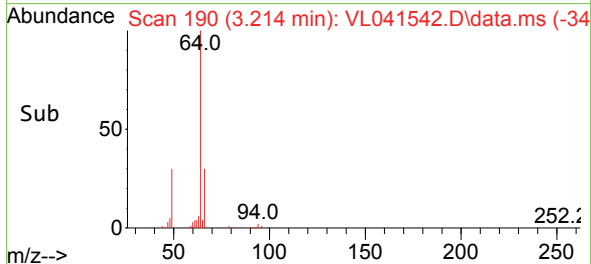
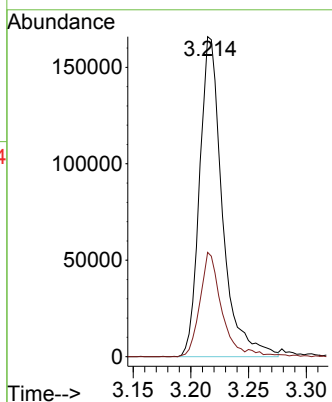
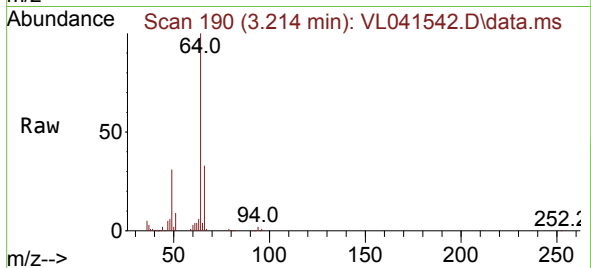




#7
Chloroethane
Concen: 11.069 ppbv
RT: 3.214 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

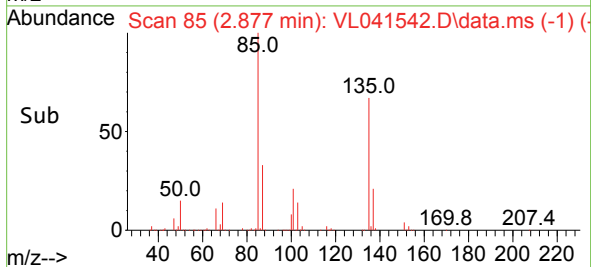
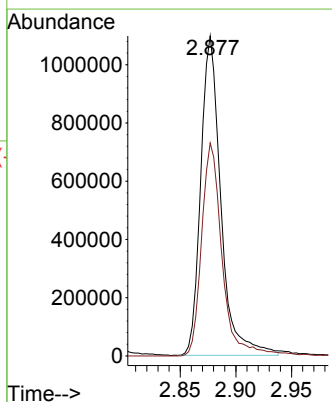
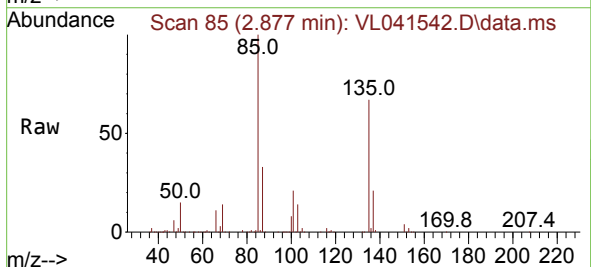
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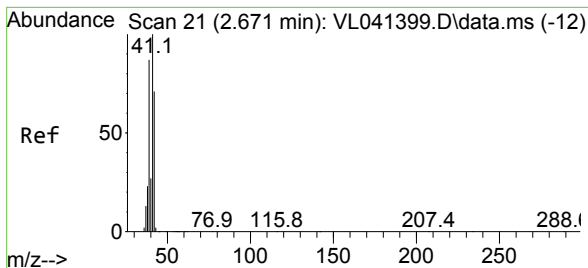
Tgt Ion: 64 Resp: 227400
Ion Ratio Lower Upper
64 100
66 32.6 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.502 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 85 Resp: 1381485
Ion Ratio Lower Upper
85 100
135 68.5 55.4 83.0





#9

Propene

Concen: 10.156 ppbv

RT: 2.713 min Scan# 34

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

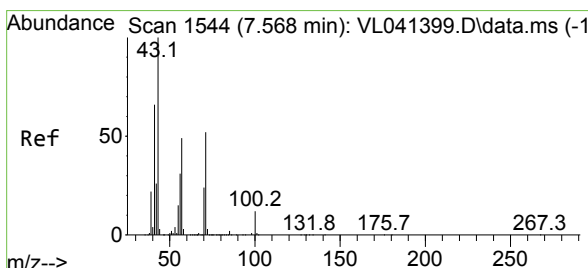
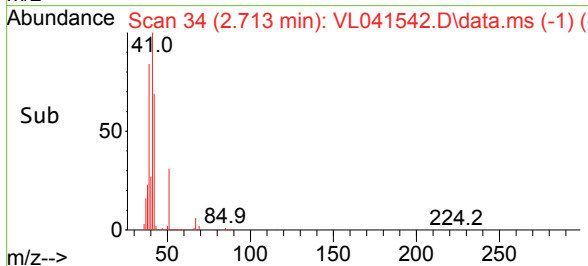
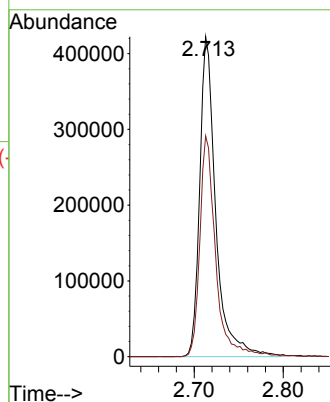
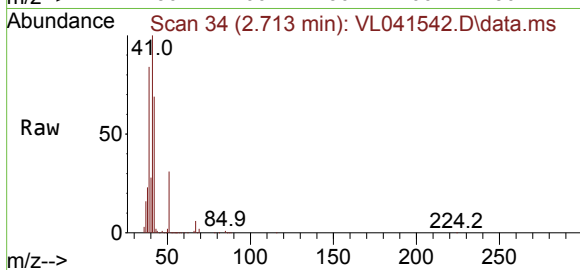
VL0819ABS01

Tgt Ion: 41 Resp: 529749

Ion Ratio Lower Upper

41 100

42 68.5 55.9 83.9



#10

Heptane

Concen: 11.360 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. 0.003 min

Lab File: VL041542.D

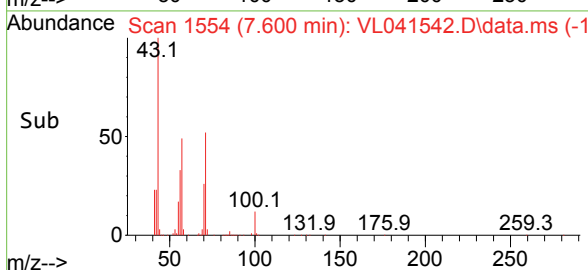
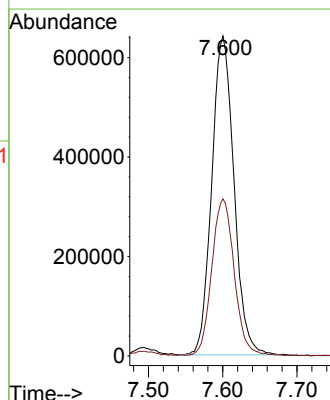
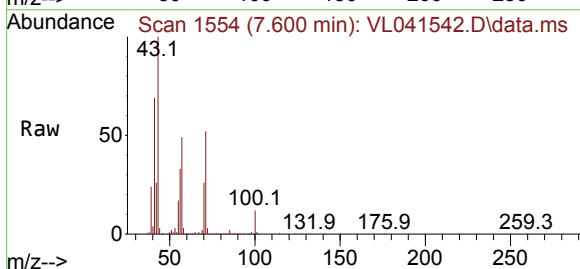
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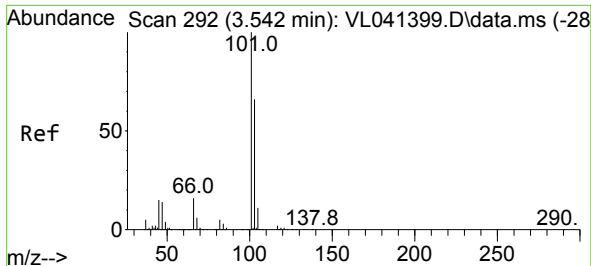
Tgt Ion: 43 Resp: 1331349

Ion Ratio Lower Upper

43 100

57 50.3 40.5 60.7

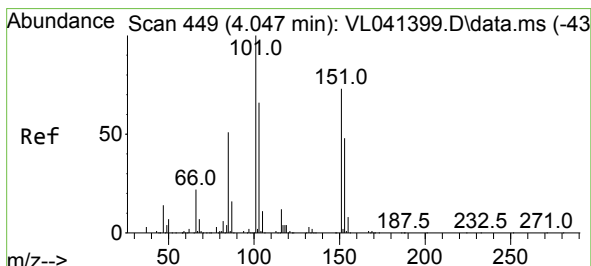
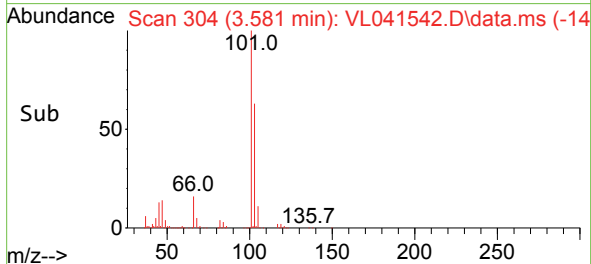
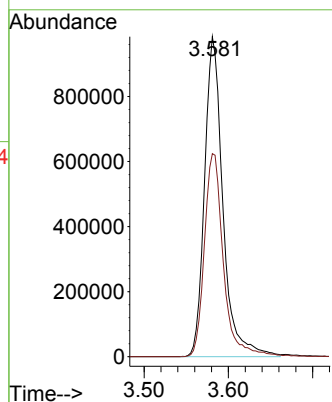
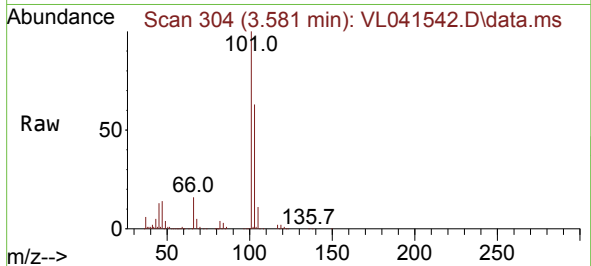




#11
 Trichlorofluoromethane
 Concen: 10.264 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

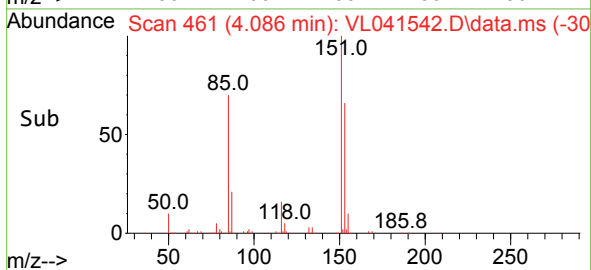
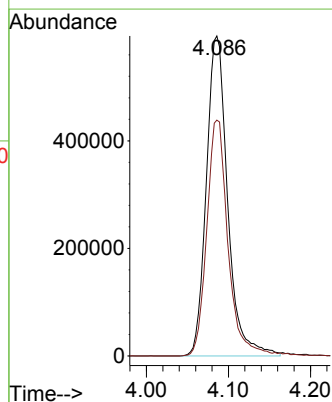
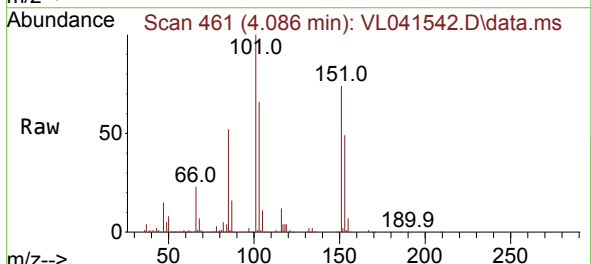
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

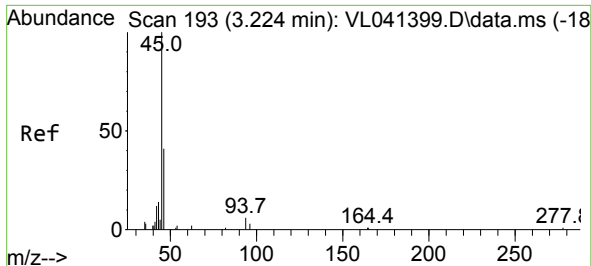
Tgt Ion:101 Resp: 1495695
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.223 ppbv
 RT: 4.086 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion:101 Resp: 1072747
 Ion Ratio Lower Upper
 101 100
 151 74.1 59.4 89.2

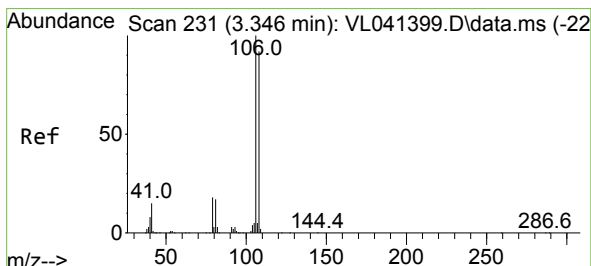
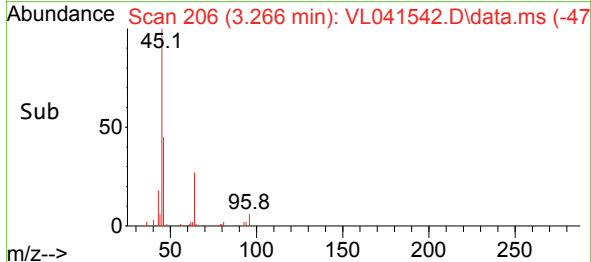
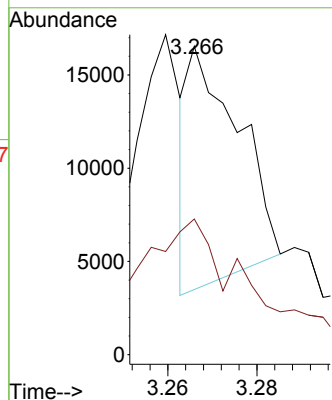
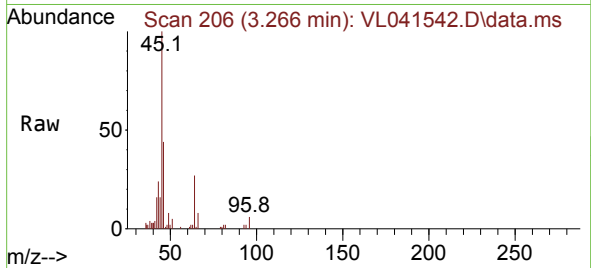




#13
 Ethanol
 Concen: 2.139 ppbv
 RT: 3.266 min Scan# 206
 Delta R.T. 0.010 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

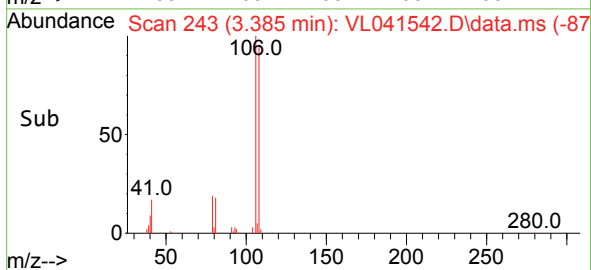
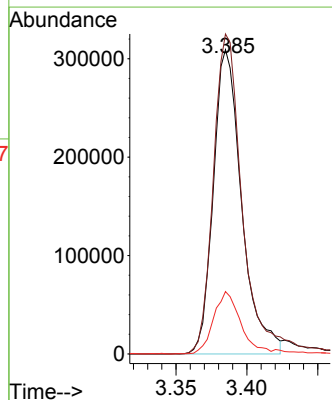
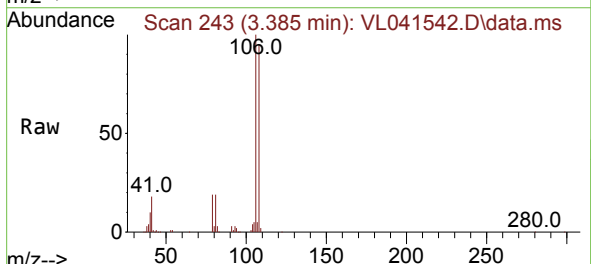
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

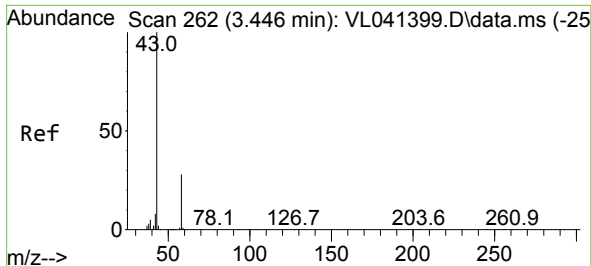
Tgt Ion: 45 Resp: 9970
 Ion Ratio Lower Upper
 45 100
 46 146.2 13.4 53.4#



#14
 Bromoethene
 Concen: 10.510 ppbv
 RT: 3.385 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 108 Resp: 429951
 Ion Ratio Lower Upper
 108 100
 106 109.6 86.9 130.3
 79 20.8 16.2 24.4





#15

Acetone

Concen: 10.487 ppbv

RT: 3.488 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

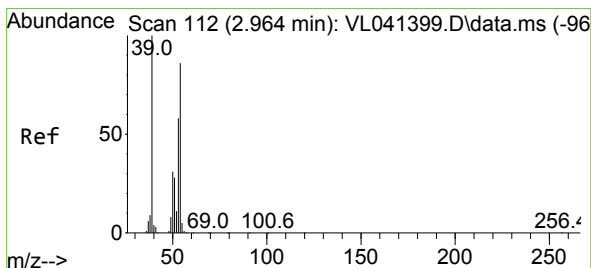
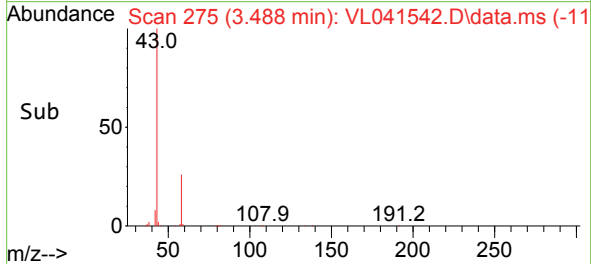
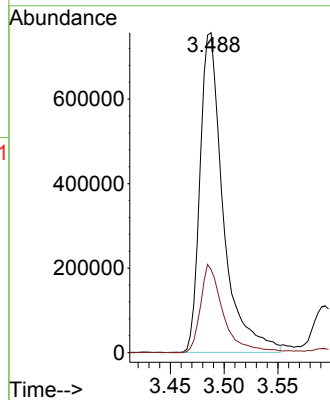
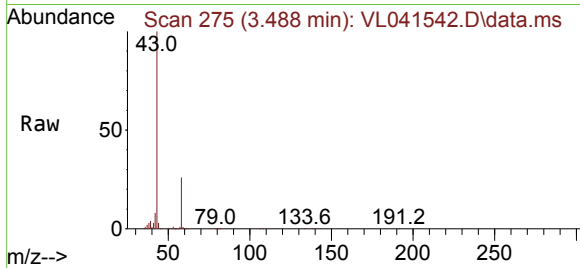
VL0819ABS01

Tgt Ion: 43 Resp: 1136536

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.2



#16

1,3-Butadiene

Concen: 10.640 ppbv

RT: 3.005 min Scan# 125

Delta R.T. 0.003 min

Lab File: VL041542.D

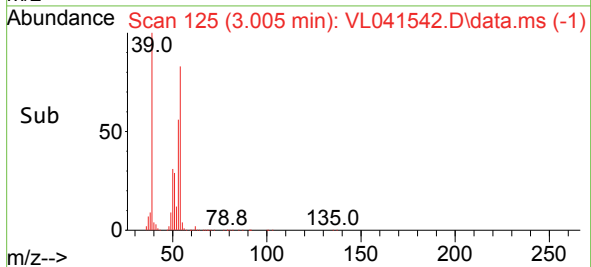
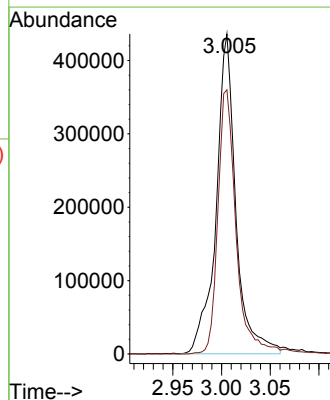
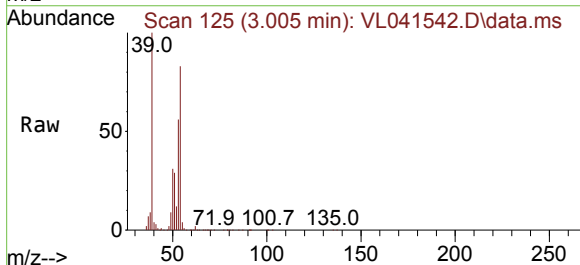
Acq: 19 Aug 2024 10:48

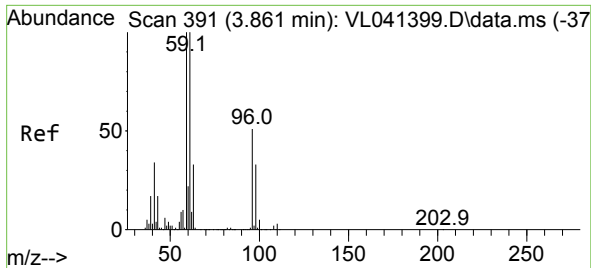
Tgt Ion: 39 Resp: 616058

Ion Ratio Lower Upper

39 100

54 77.3 62.5 93.7

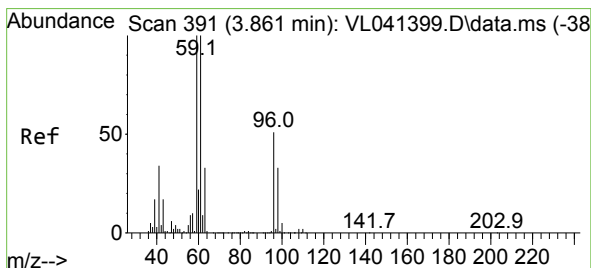
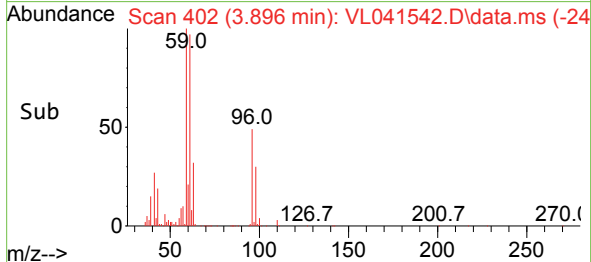
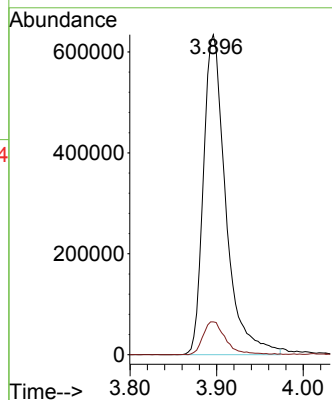
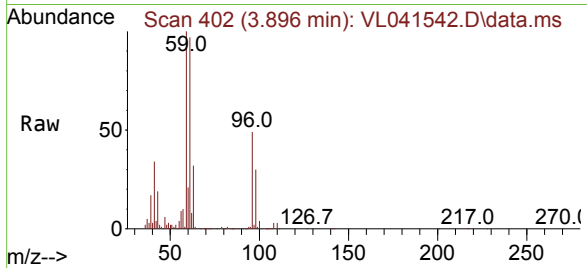




#17
 tert-Butyl alcohol
 Concen: 11.521 ppbv
 RT: 3.896 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

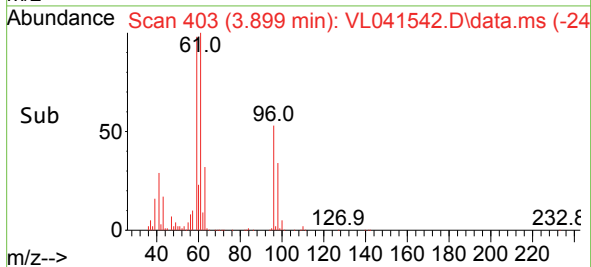
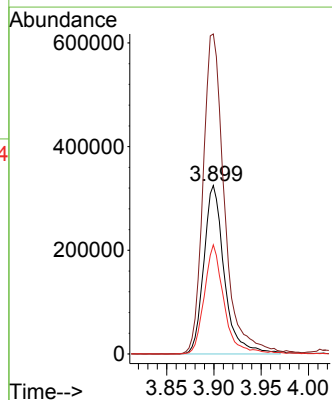
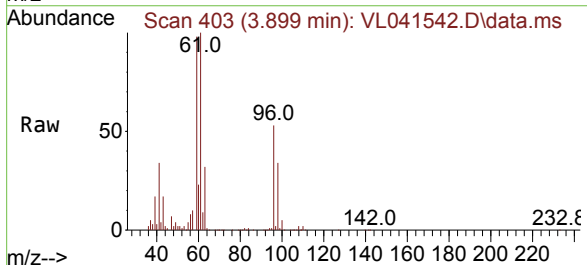
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

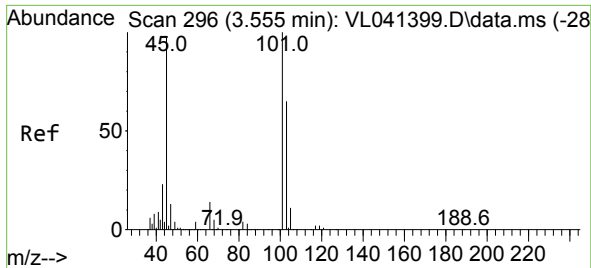
Tgt Ion: 59 Resp: 1138725
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8



#18
 1,1-Dichloroethene
 Concen: 10.929 ppbv
 RT: 3.899 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 96 Resp: 490575
 Ion Ratio Lower Upper
 96 100
 61 189.9 157.5 236.3
 98 64.7 51.2 76.8





#19

Isopropyl Alcohol

Concen: 10.458 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

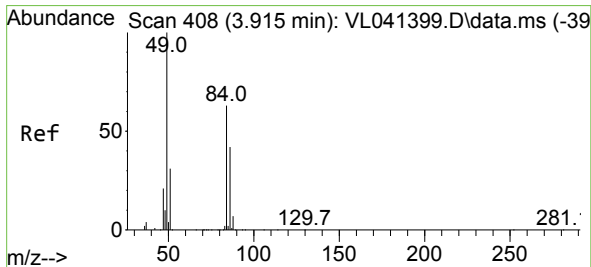
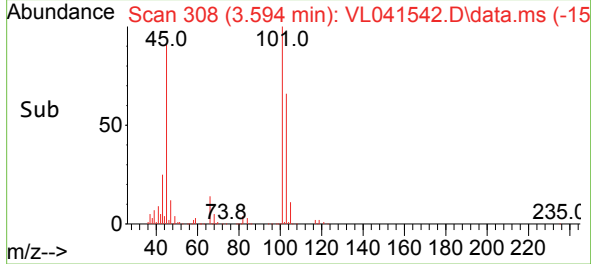
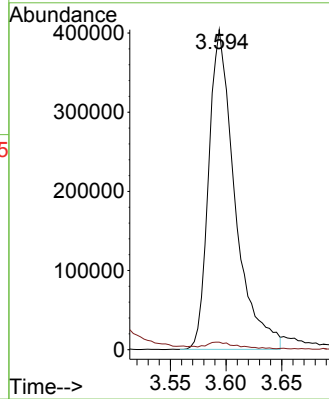
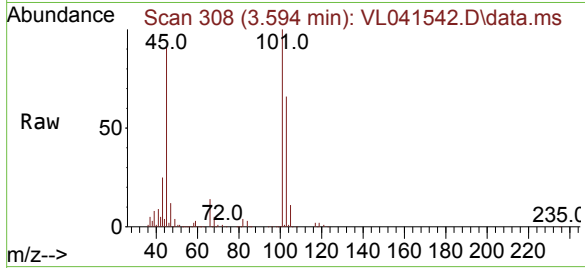
VL0819ABS01

Tgt Ion: 45 Resp: 662593

Ion Ratio Lower Upper

45 100

58 3.1 1.9 2.9#



#20

Methylene Chloride

Concen: 11.580 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Tgt Ion: 84 Resp: 468002

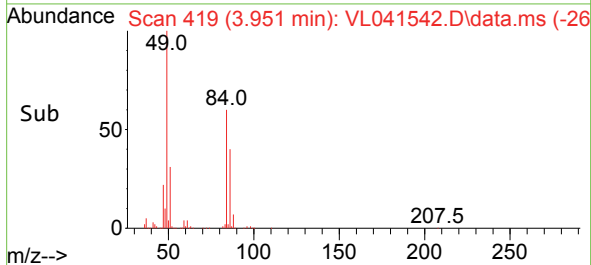
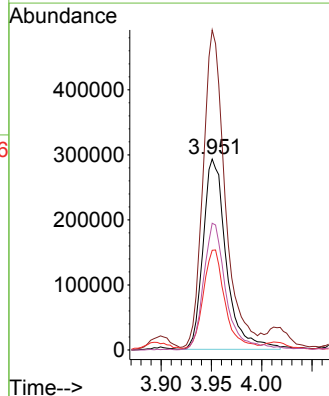
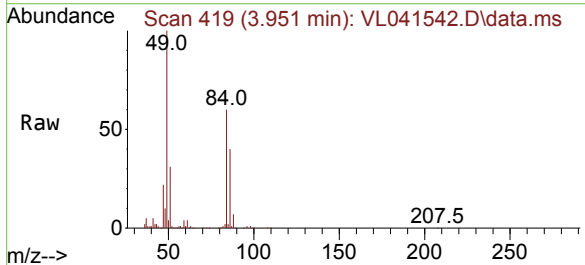
Ion Ratio Lower Upper

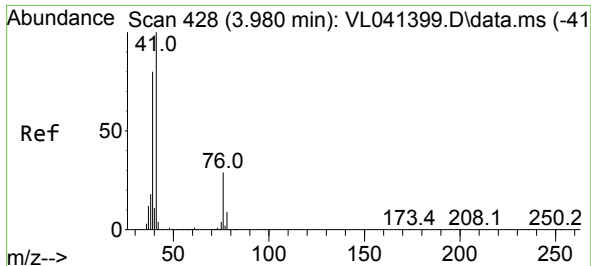
84 100

49 167.0 126.6 190.0

51 51.4 38.6 58.0

86 66.5 53.0 79.4

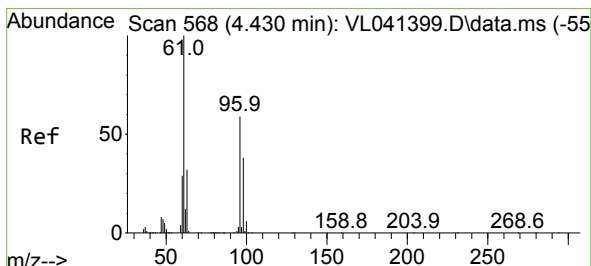
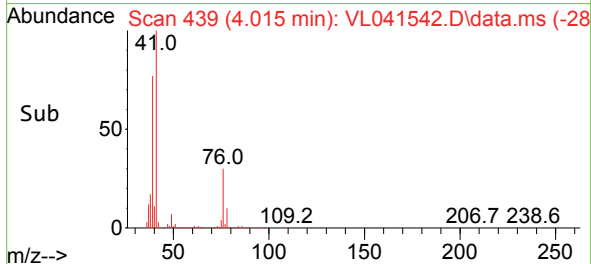
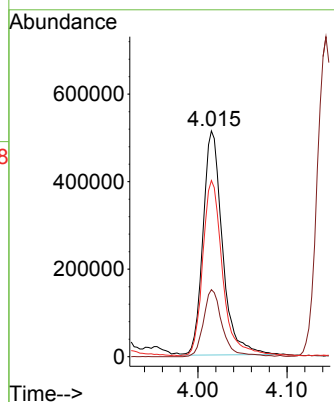
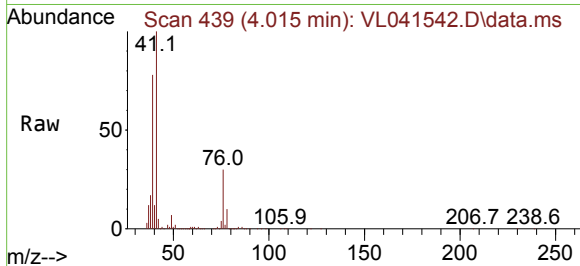




#21
 Allyl Chloride
 Concen: 10.923 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

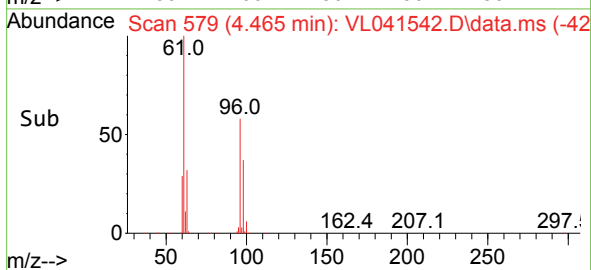
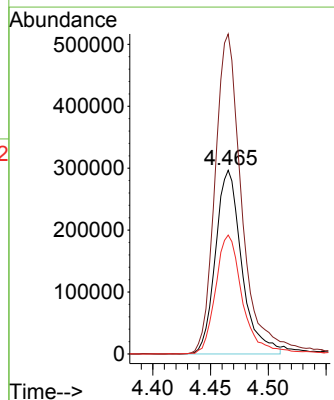
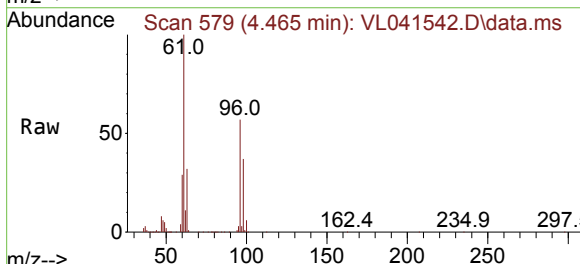
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

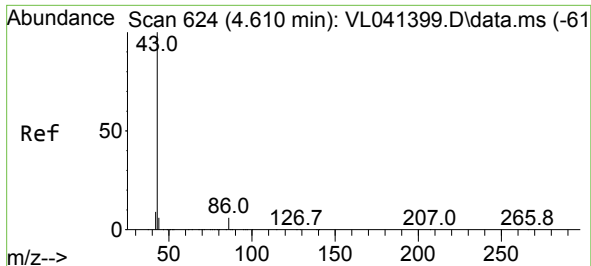
Tgt Ion: 41 Resp: 776304
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 80.4 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 10.471 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 96 Resp: 469979
 Ion Ratio Lower Upper
 96 100
 61 174.2 135.4 203.2
 98 64.6 51.0 76.4

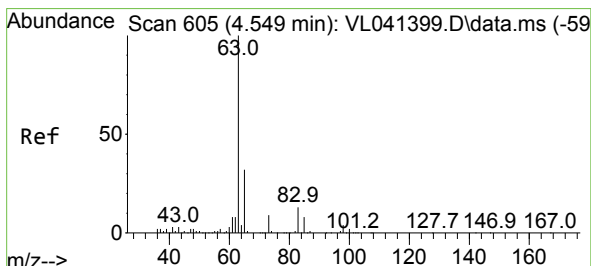
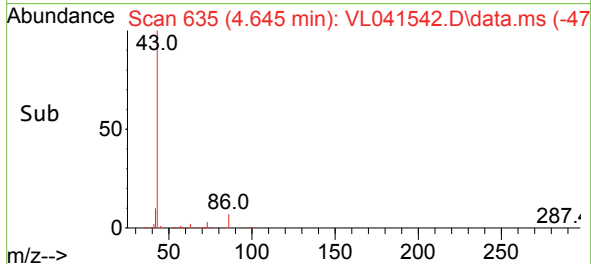
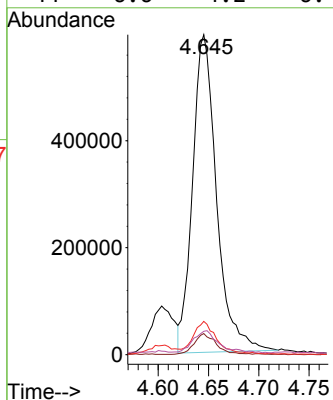
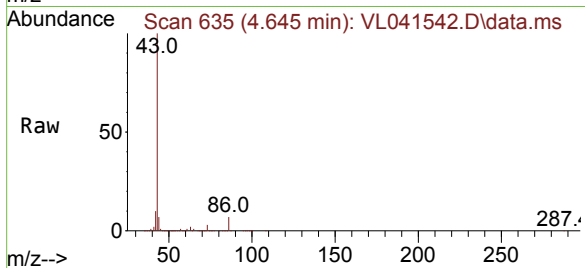




#23
 Vinyl Acetate
 Concen: 11.890 ppbv
 RT: 4.645 min Scan# 615
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

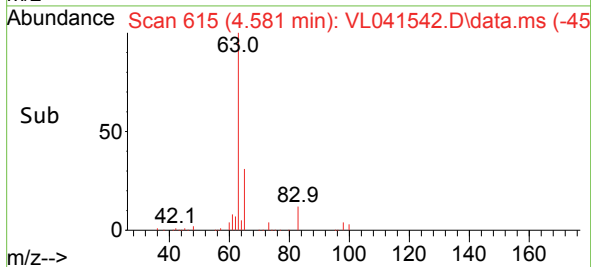
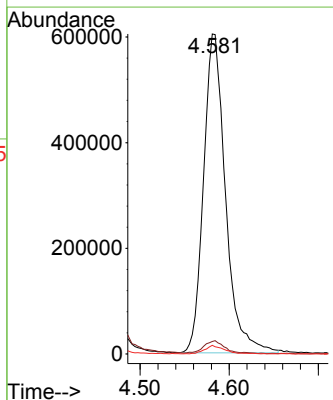
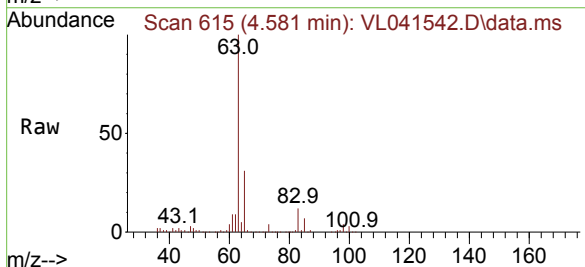
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

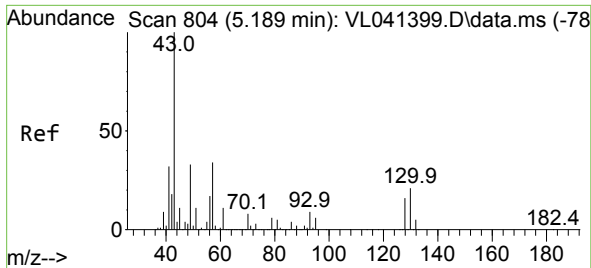
Tgt Ion:	43	Resp:	984169
Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.6	6.8
42	10.4	7.9	11.9
44	6.6	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 10.608 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion:	63	Resp:	1033773
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.0	6.0
100	2.7	1.2	3.6



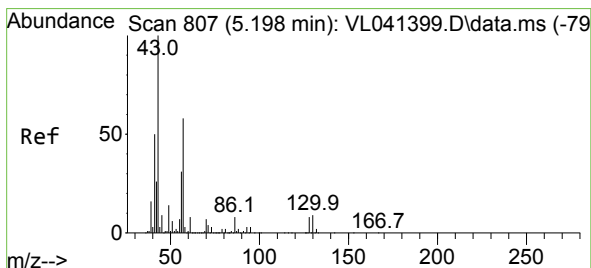
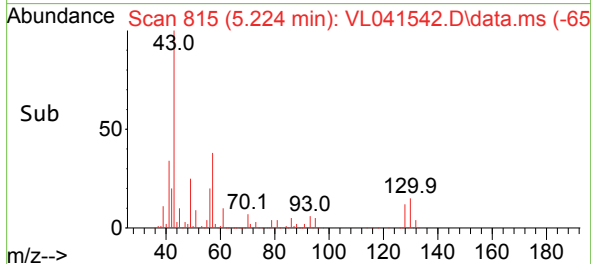
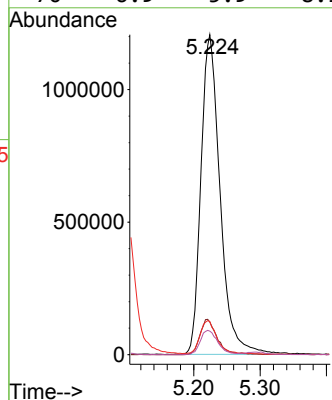
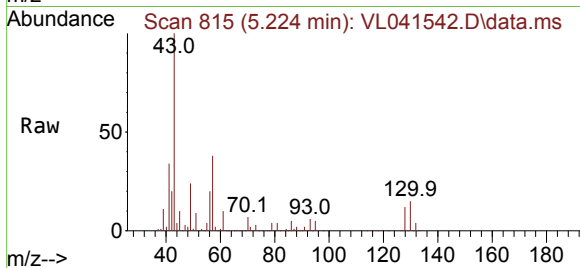


#25
Ethyl Acetate
Concen: 11.229 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

Tgt Ion: 43 Resp: 2417577

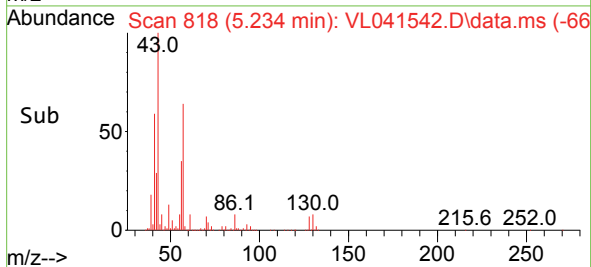
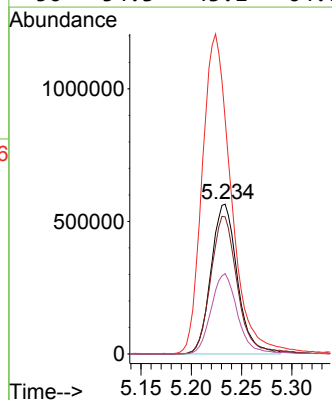
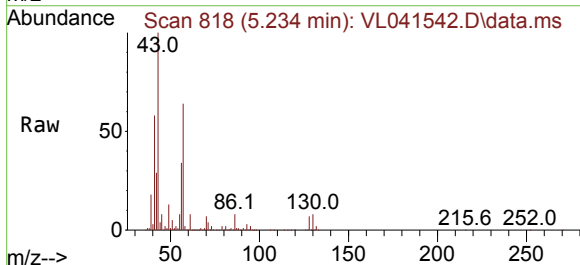
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.5	12.7
61	9.9	8.0	12.0
70	6.9	5.9	8.9

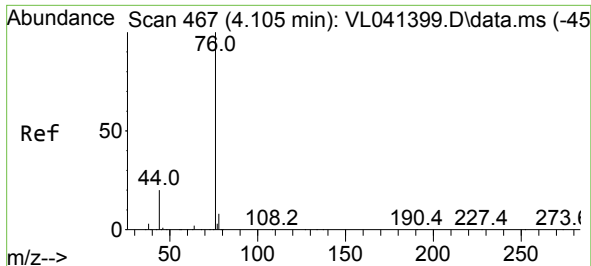


#26
Hexane
Concen: 11.507 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 57 Resp: 1027698

Ion	Ratio	Lower	Upper
57	100		
41	94.3	74.0	111.0
43	236.6	193.6	290.4
56	54.3	43.1	64.7

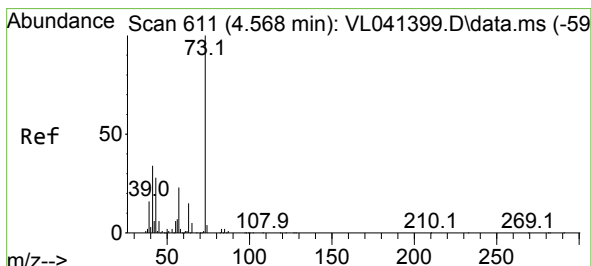
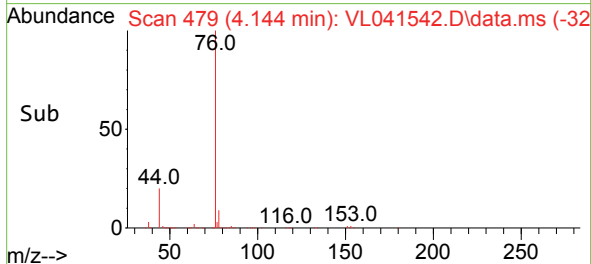
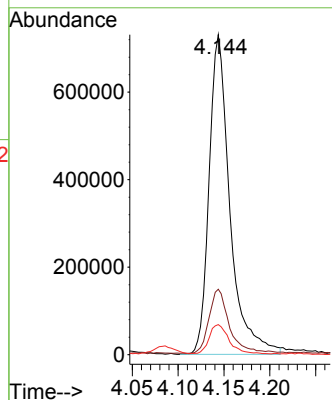
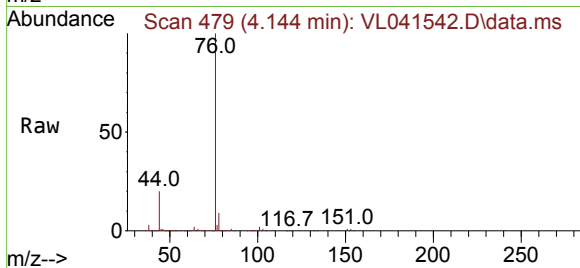




#27
Carbon Disulfide
Concen: 11.055 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

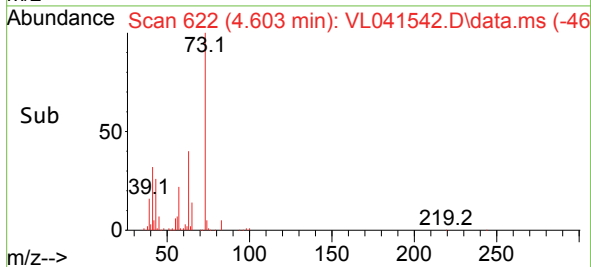
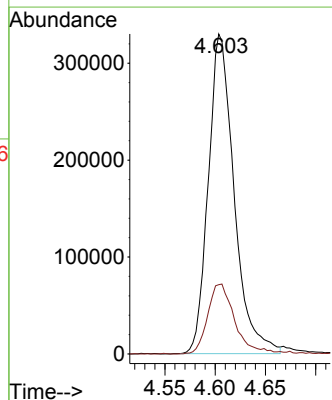
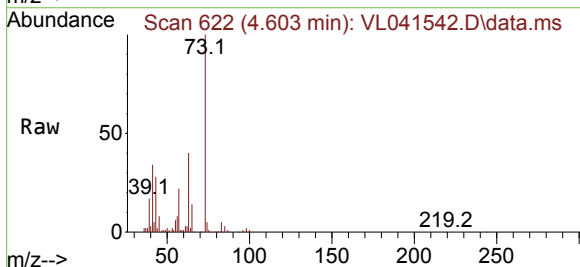
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

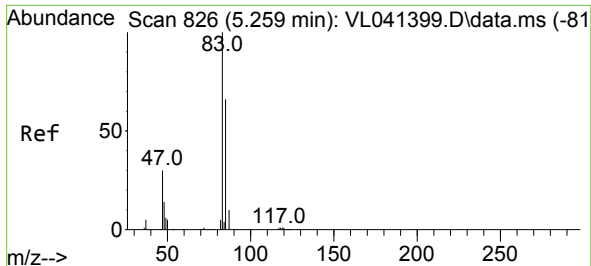
Tgt Ion: 76 Resp: 1155043
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.6 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 10.461 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 73 Resp: 589223
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29

Chloroform

Concen: 10.536 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

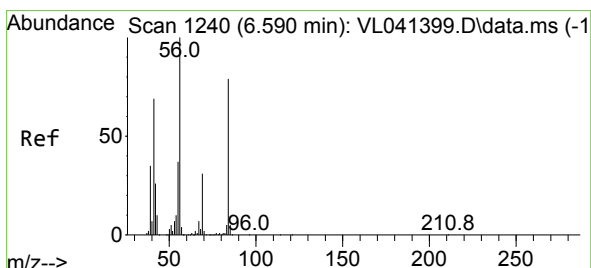
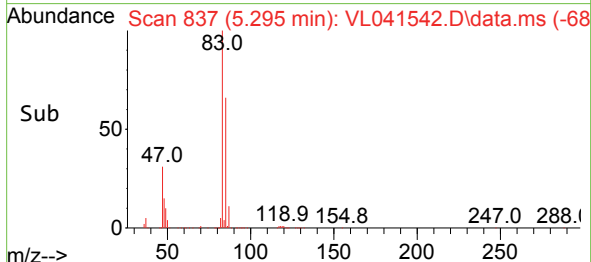
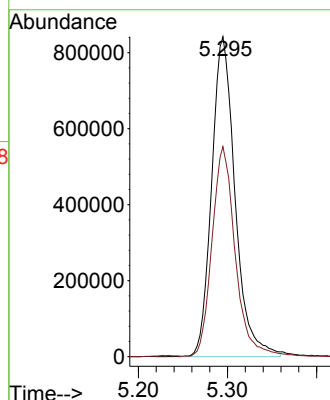
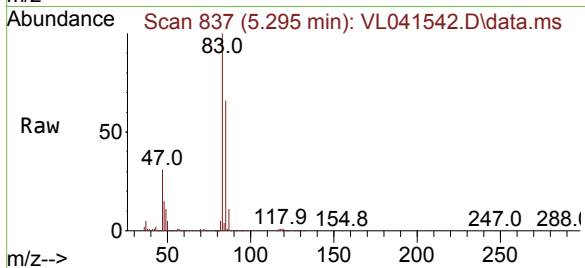
VL0819ABS01

Tgt Ion: 83 Resp: 1534946

Ion Ratio Lower Upper

83 100

85 65.5 53.1 79.7



#30

Cyclohexane

Concen: 11.364 ppbv

RT: 6.623 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

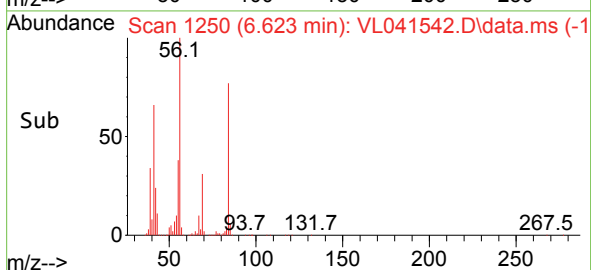
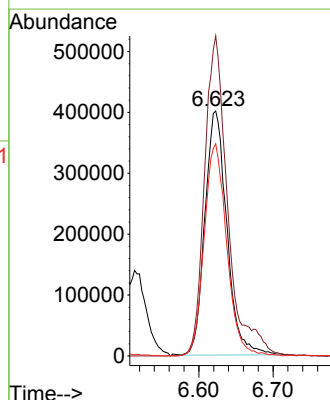
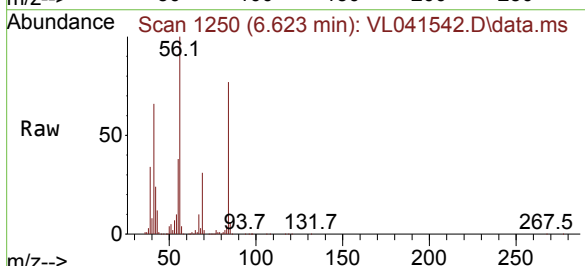
Tgt Ion: 84 Resp: 826550

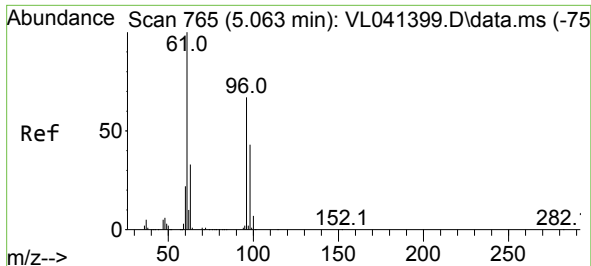
Ion Ratio Lower Upper

84 100

56 138.1 111.2 166.8

41 88.7 70.3 105.5

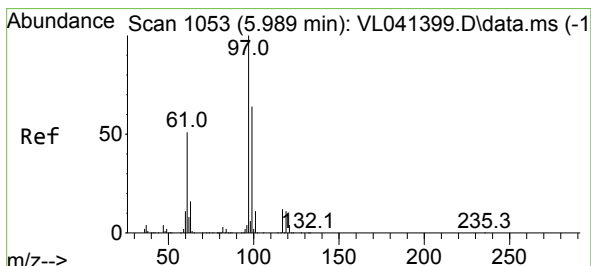
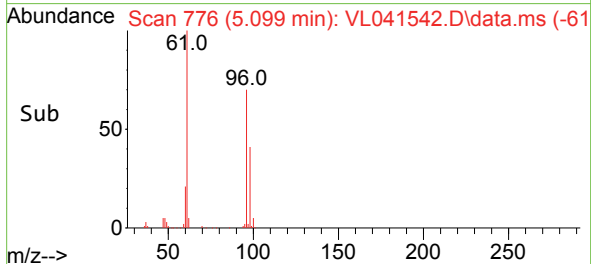
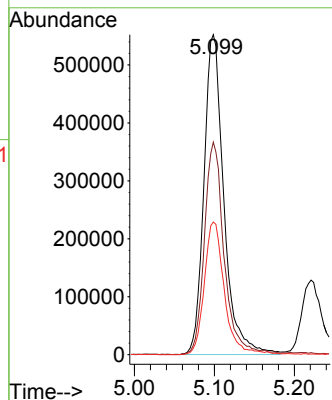
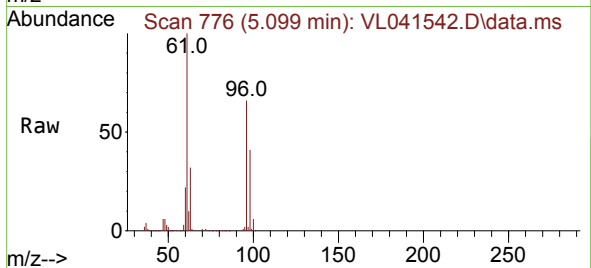




#31
 cis-1,2-Dichloroethene
 Concen: 10.873 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

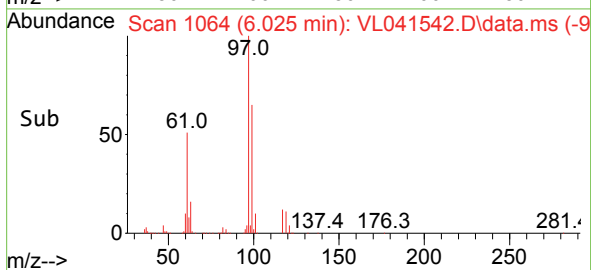
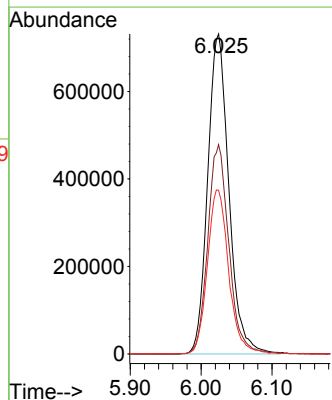
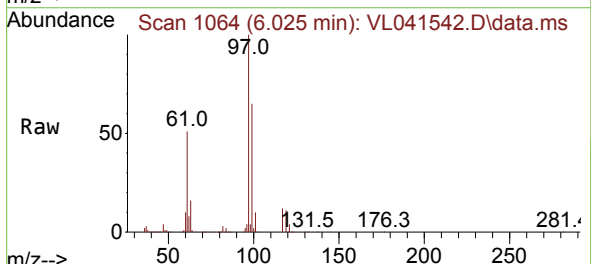
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

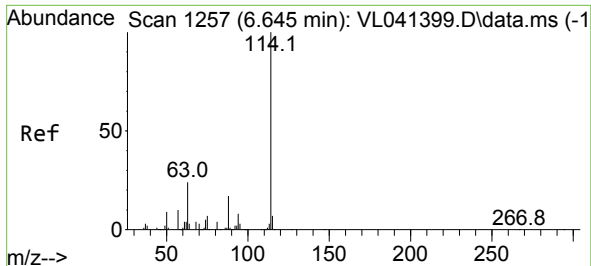
Tgt Ion: 61 Resp: 959317
 Ion Ratio Lower Upper
 61 100
 96 66.4 53.4 80.2
 98 41.4 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 10.701 ppbv
 RT: 6.025 min Scan# 1064
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 97 Resp: 1517453
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 51.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

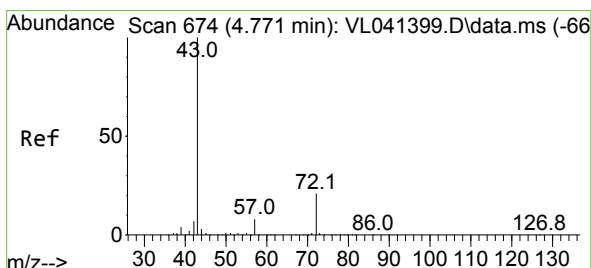
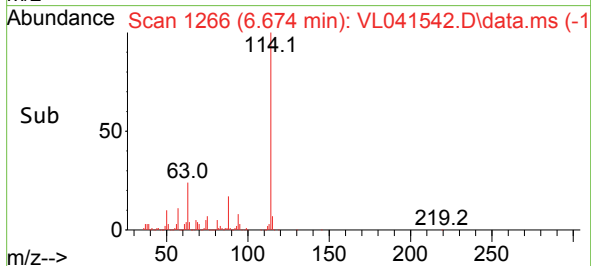
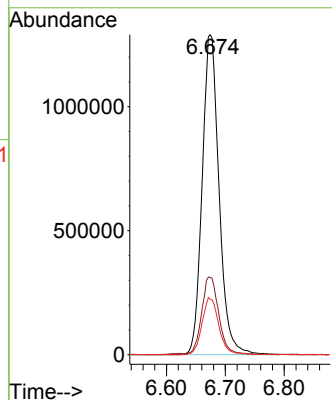
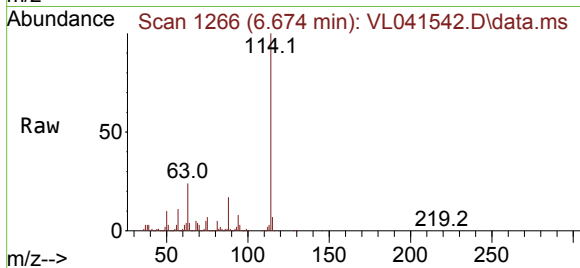
Tgt Ion:114 Resp: 2568604

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

88 17.7 14.3 21.5



#34

2-Butanone

Concen: 11.346 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.003 min

Lab File: VL041542.D

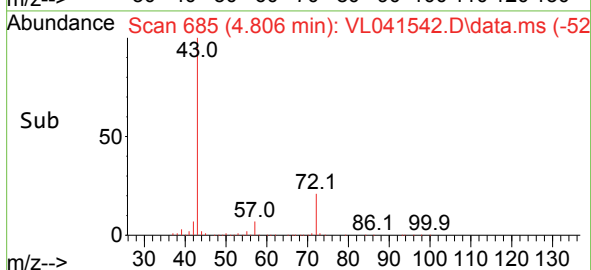
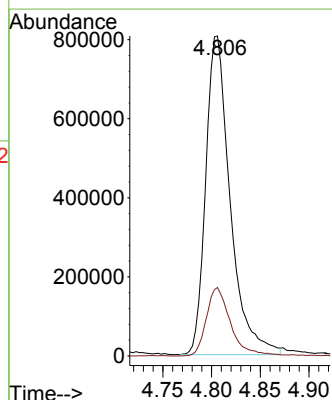
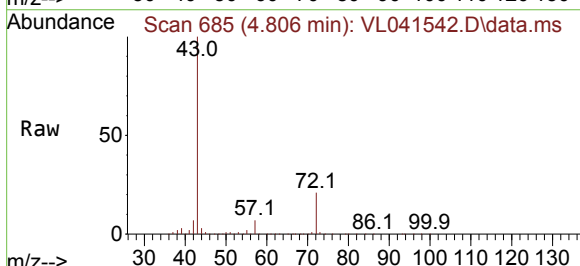
Acq: 19 Aug 2024 10:48

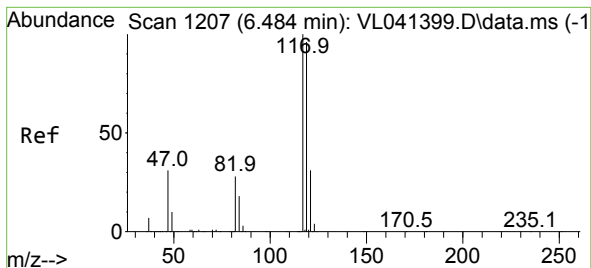
Tgt Ion: 43 Resp: 1409794

Ion Ratio Lower Upper

43 100

72 21.6 17.3 25.9





#35

Carbon Tetrachloride

Concen: 11.242 ppbv

RT: 6.513 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

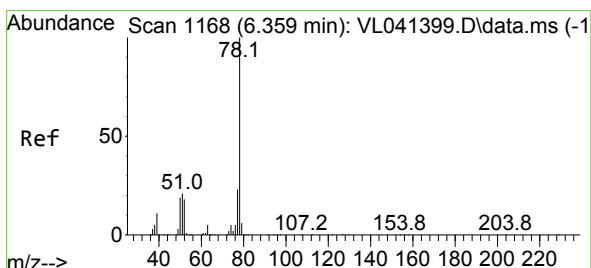
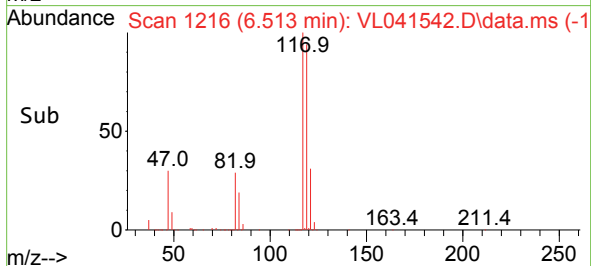
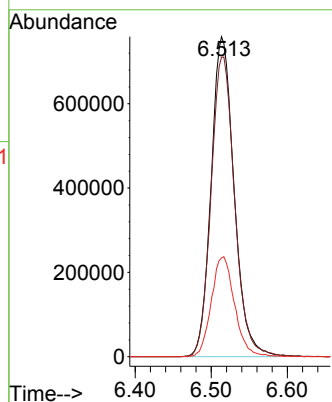
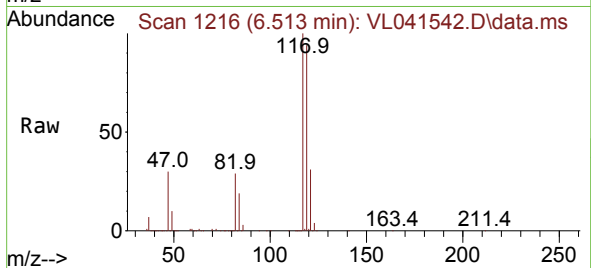
Tgt Ion:117 Resp: 1592749

Ion Ratio Lower Upper

117 100

119 93.6 76.6 115.0

121 30.8 25.1 37.7



#36

Benzene

Concen: 11.080 ppbv

RT: 6.391 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

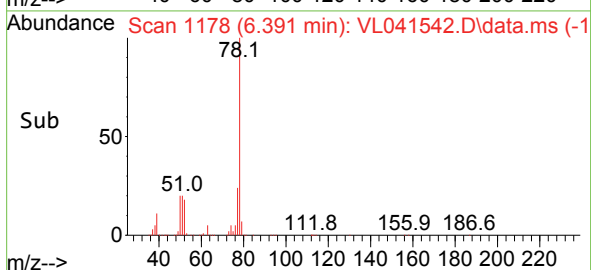
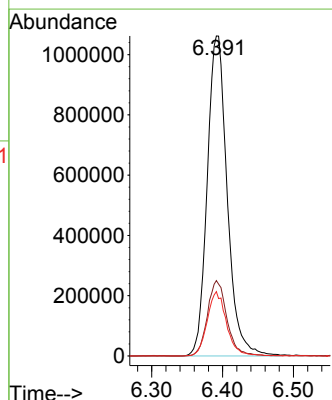
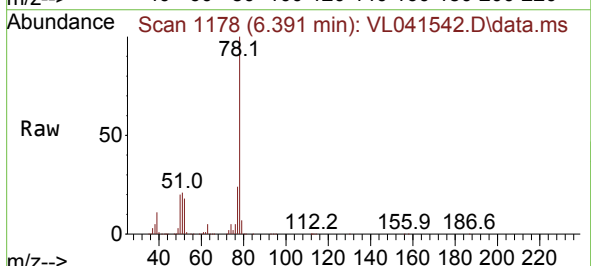
Tgt Ion: 78 Resp: 2079587

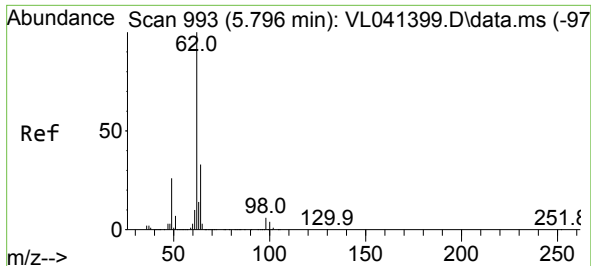
Ion Ratio Lower Upper

78 100

77 23.6 18.1 27.1

50 20.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 11.126 ppbv

RT: 5.829 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

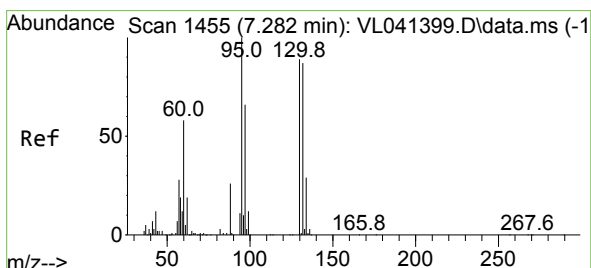
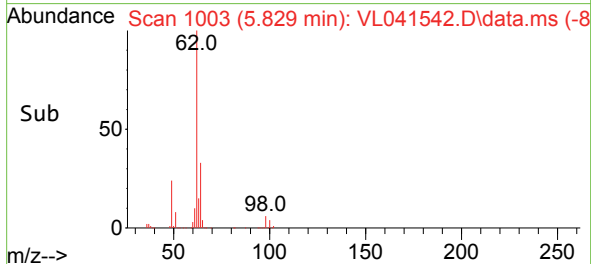
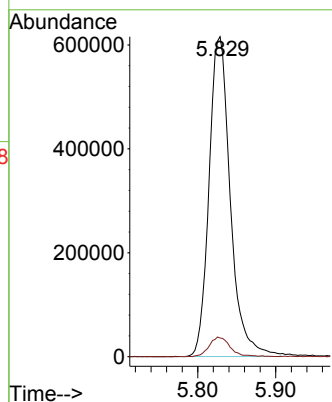
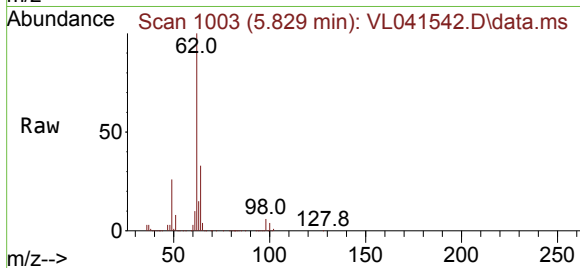
VL0819ABS01

Tgt Ion: 62 Resp: 1168791

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 11.292 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Tgt Ion:130 Resp: 970933

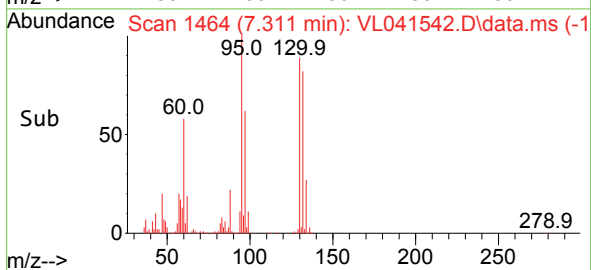
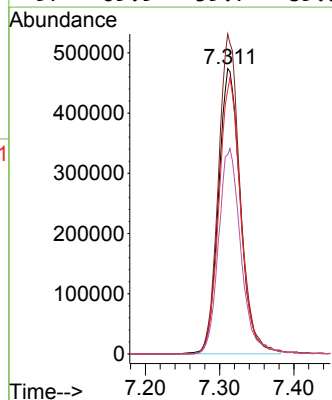
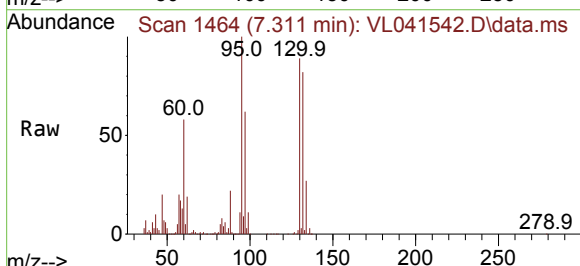
Ion Ratio Lower Upper

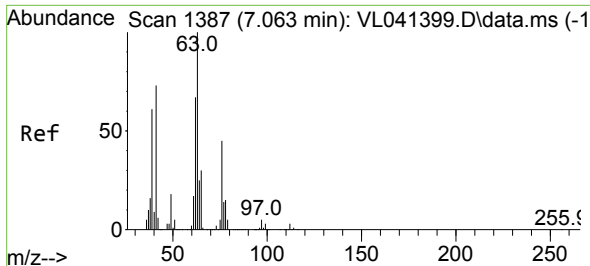
130 100

95 112.2 90.2 135.2

132 92.5 78.1 117.1

97 69.9 59.7 89.5

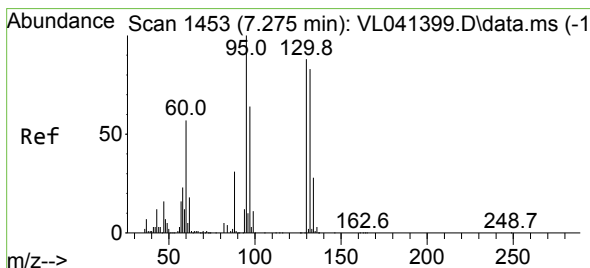
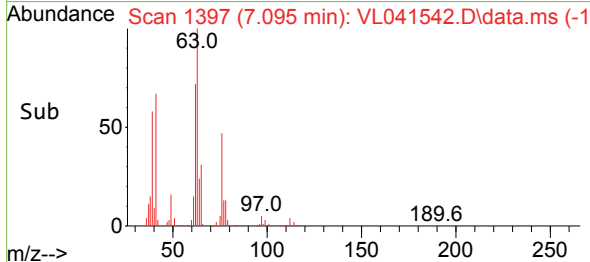
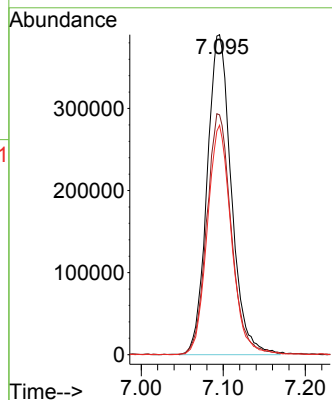
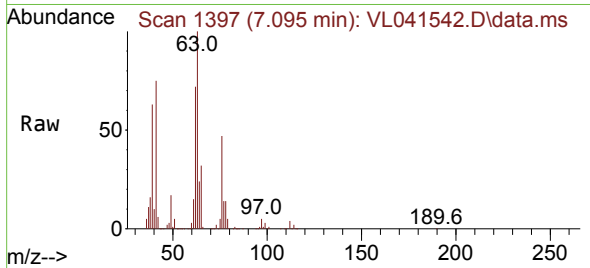




#39
1,2-Dichloropropane
Concen: 11.171 ppbv
RT: 7.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

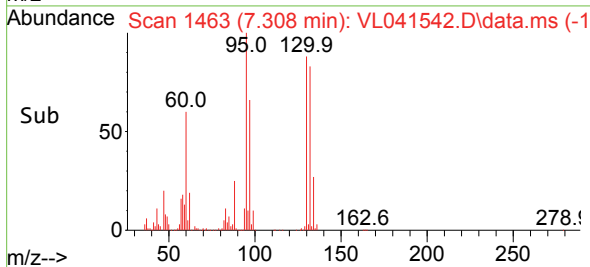
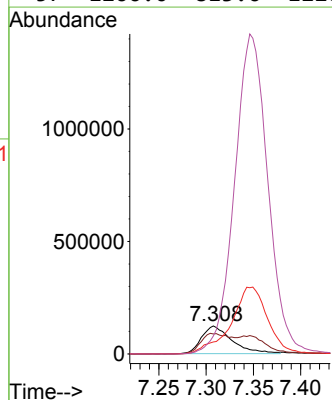
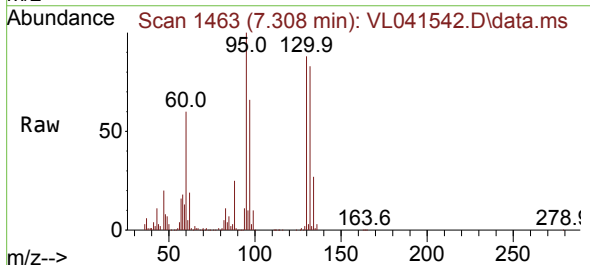
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

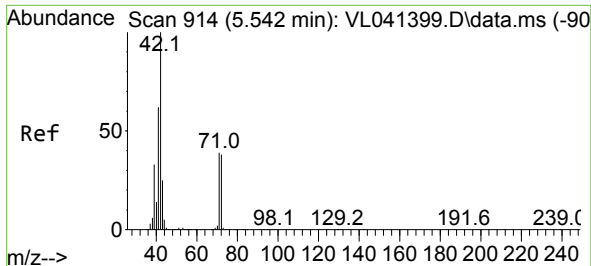
Tgt Ion: 63 Resp: 802701
Ion Ratio Lower Upper
63 100
41 74.8 58.3 87.5
62 71.4 53.9 80.9



#40
1,4-Dioxane
Concen: 9.586 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 88 Resp: 276693
Ion Ratio Lower Upper
88 100
58 137.3 95.8 143.6
43 292.6 188.2 282.2#
57 1266.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 11.688 ppbv

RT: 5.574 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

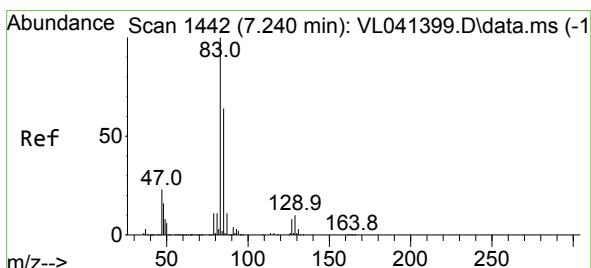
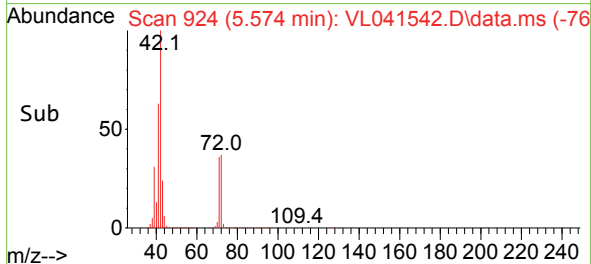
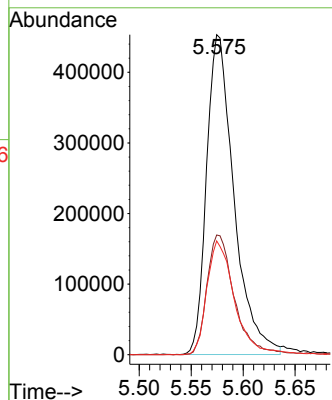
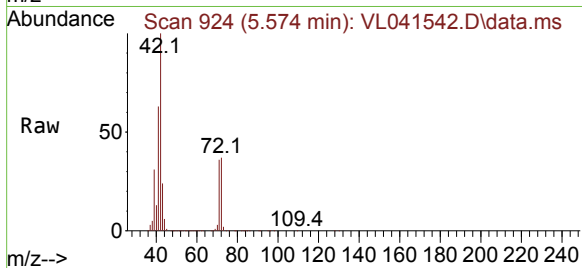
Tgt Ion: 42 Resp: 830620

Ion Ratio Lower Upper

42 100

72 38.0 31.2 46.8

71 36.2 30.5 45.7



#42

Bromodichloromethane

Concen: 11.039 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

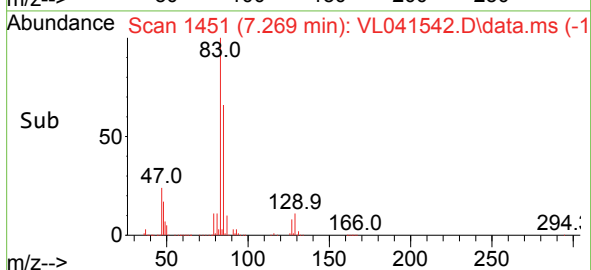
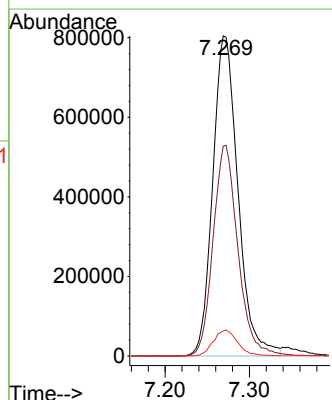
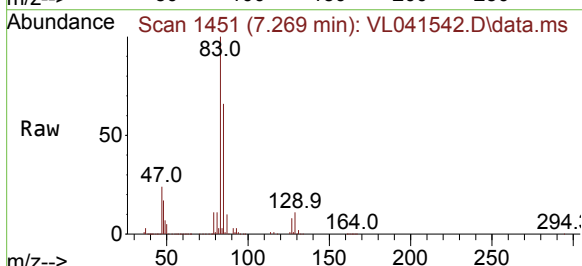
Tgt Ion: 83 Resp: 1674518

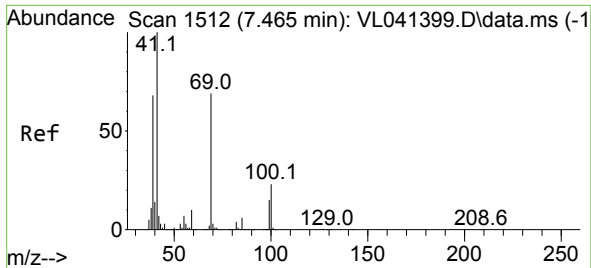
Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.0

127 7.8 6.7 10.1

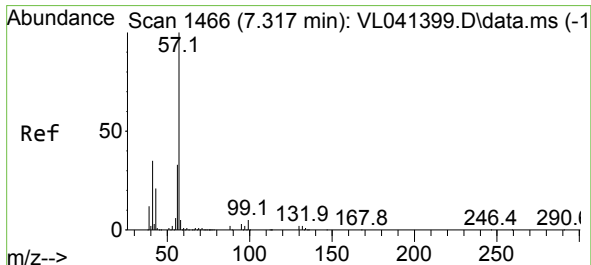
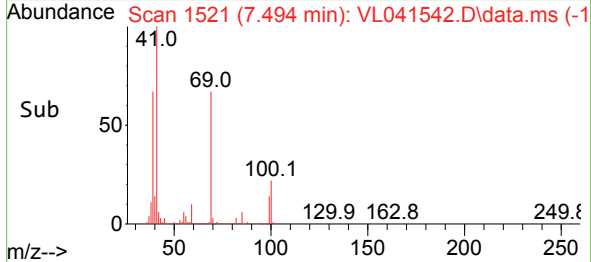
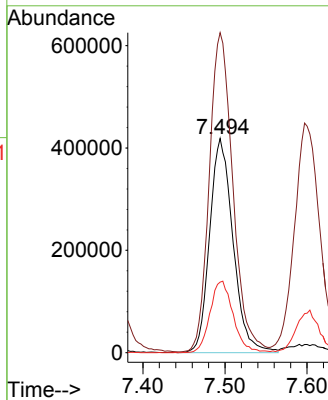
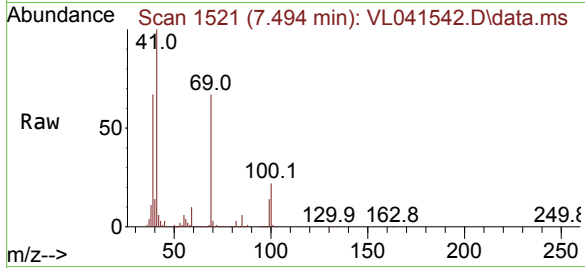




#43
Methyl Methacrylate
Concen: 12.345 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

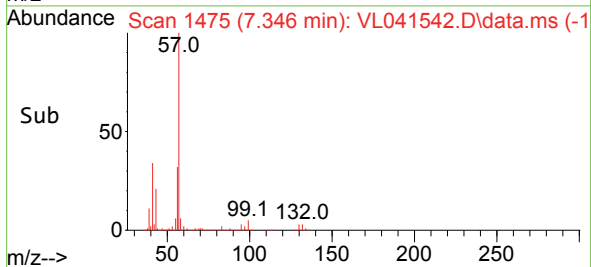
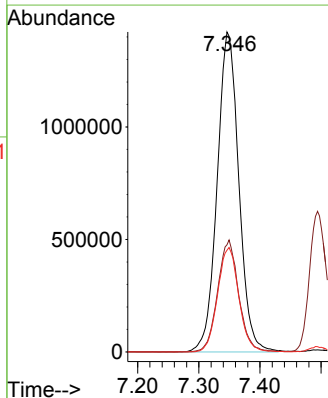
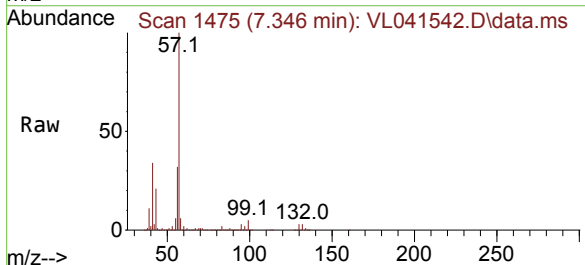
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

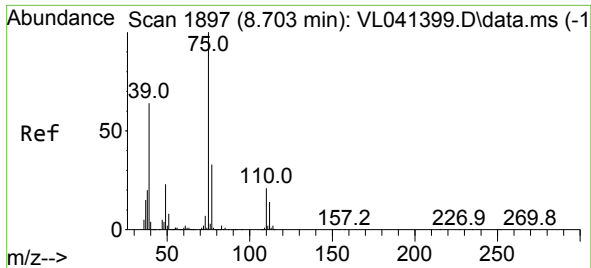
Tgt Ion: 69 Resp: 830856
Ion Ratio Lower Upper
69 100
41 150.3 118.7 178.1
100 33.2 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 11.160 ppbv
RT: 7.346 min Scan# 1475
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 57 Resp: 3498360
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 32.1 25.2 37.8

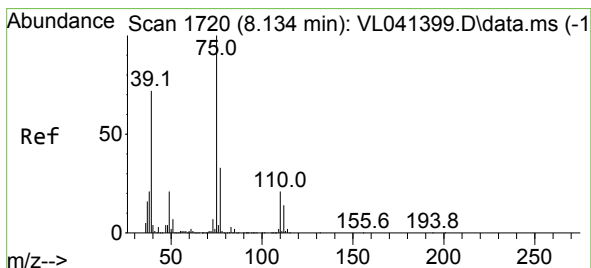
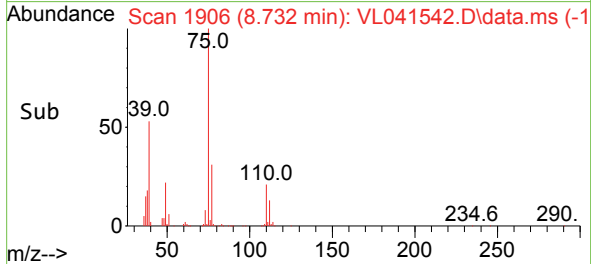
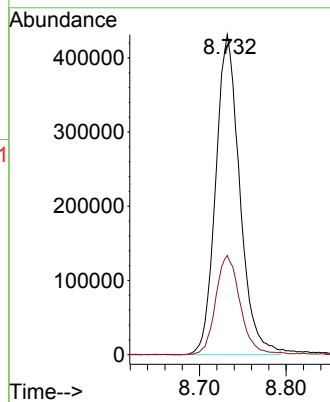
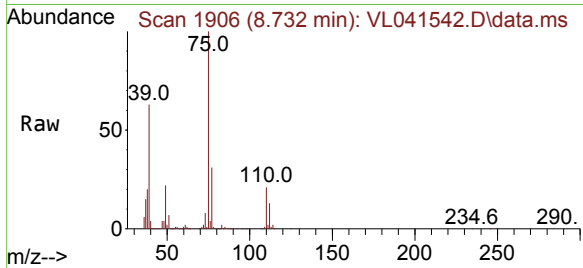




#45
 t-1,3-Dichloropropene
 Concen: 13.438 ppbv
 RT: 8.732 min Scan# 1906
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

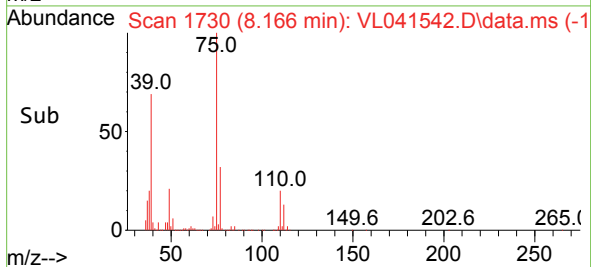
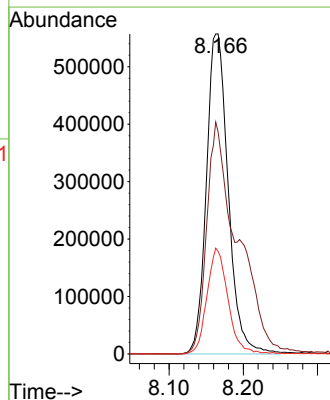
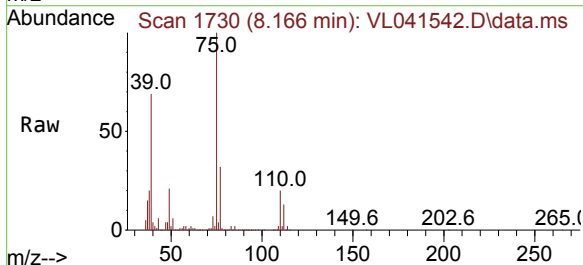
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

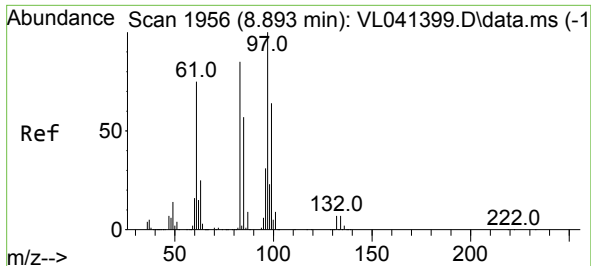
Tgt Ion: 75 Resp: 832465
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 12.678 ppbv
 RT: 8.166 min Scan# 1730
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion: 75 Resp: 1134089
 Ion Ratio Lower Upper
 75 100
 39 69.3 57.3 85.9
 77 32.0 26.2 39.2



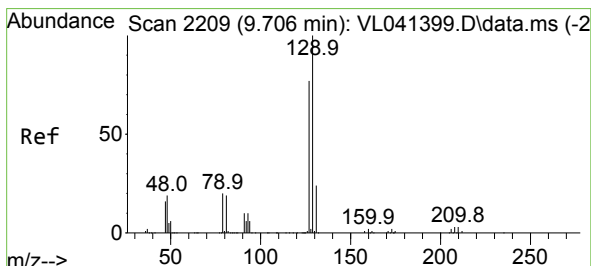
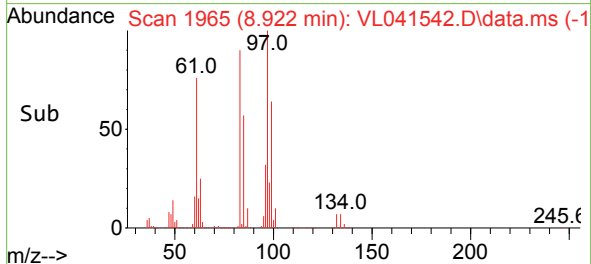
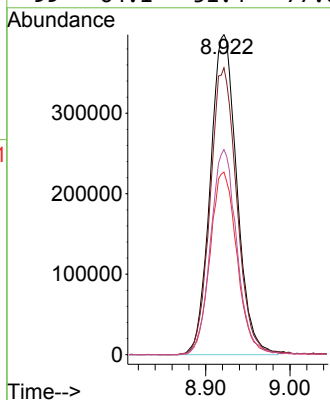
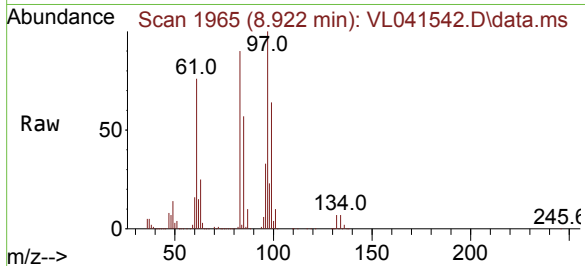


#47
1,1,2-Trichloroethane
Concen: 11.007 ppbv
RT: 8.922 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

Tgt Ion: 97 Resp: 871843

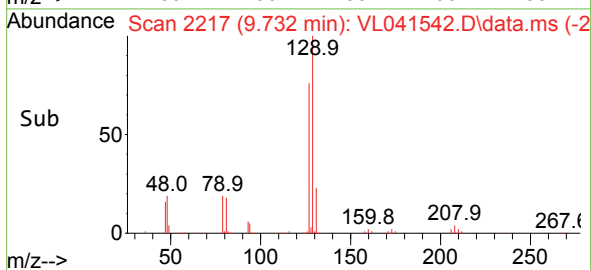
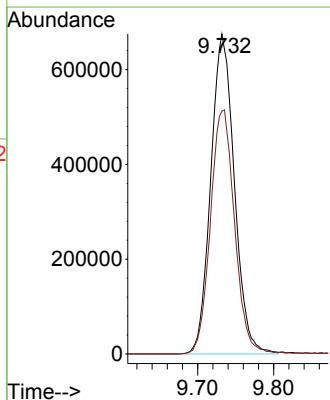
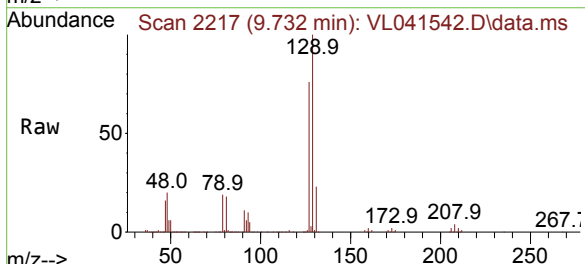
Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.6	101.4
85	57.0	45.9	68.9
99	64.1	51.4	77.0

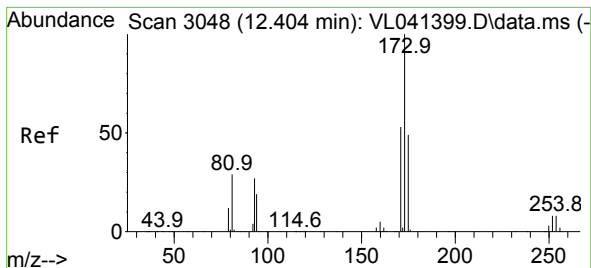


#48
Dibromochloromethane
Concen: 11.405 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 129 Resp: 1455263

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.3	117.8





#49

Bromoform

Concen: 11.778 ppbv

RT: 12.430 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

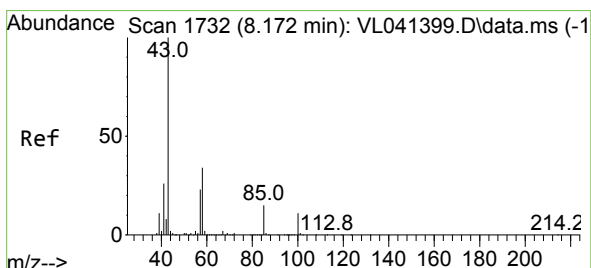
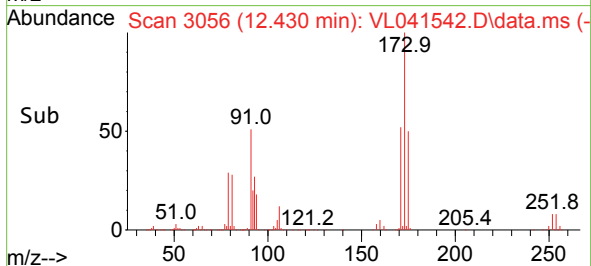
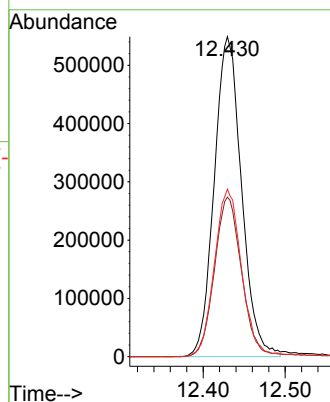
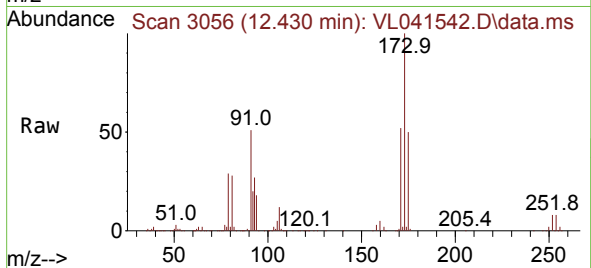
Tgt Ion:173 Resp: 1269504

Ion Ratio Lower Upper

173 100

175 50.4 39.9 59.9

171 52.8 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.991 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.003 min

Lab File: VL041542.D

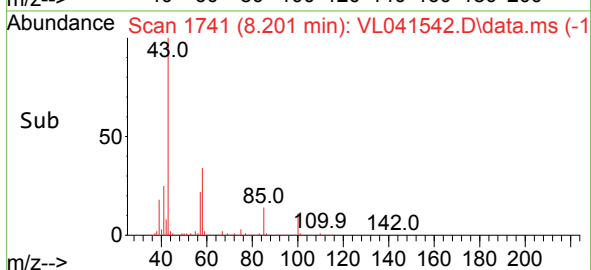
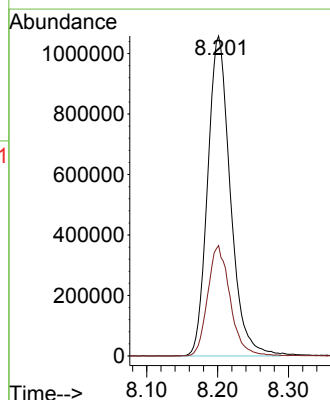
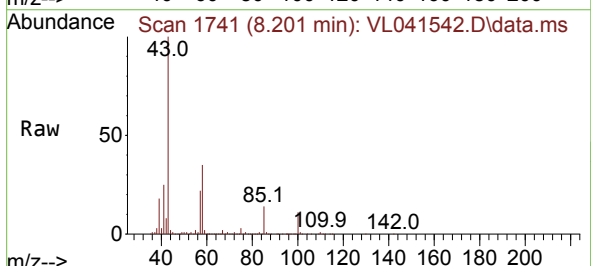
Acq: 19 Aug 2024 10:48

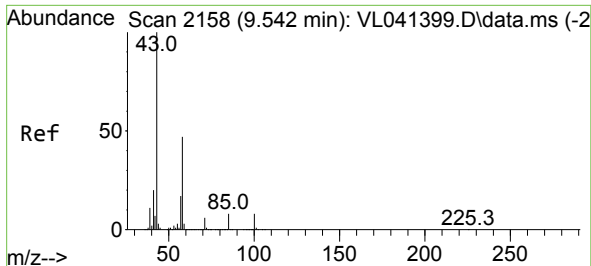
Tgt Ion: 43 Resp: 2350707

Ion Ratio Lower Upper

43 100

58 34.3 27.9 41.9

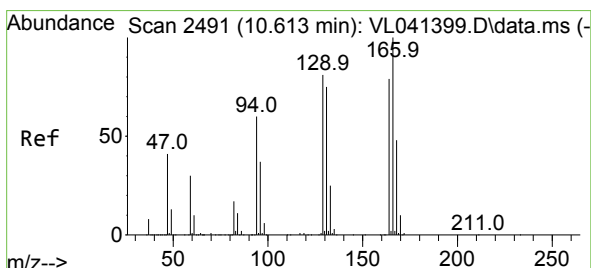
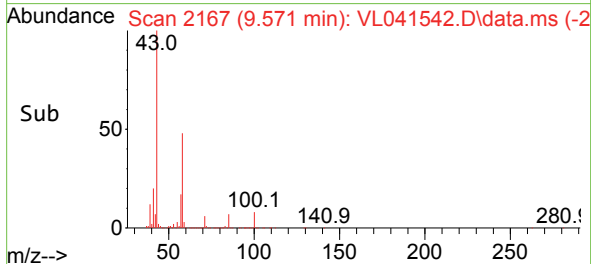
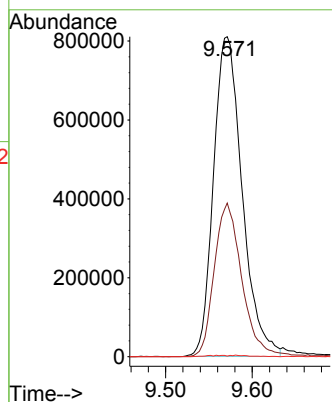
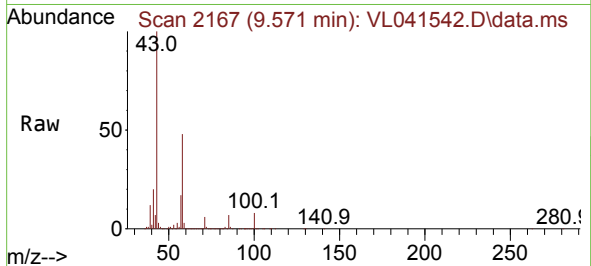




#51
2-Hexanone
Concen: 12.572 ppbv
RT: 9.571 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

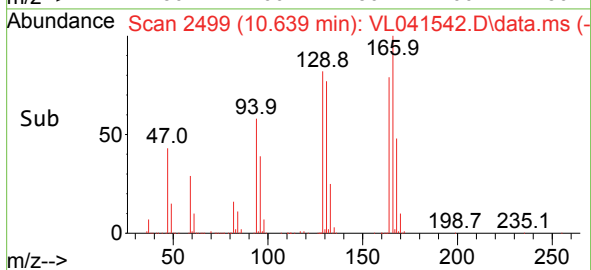
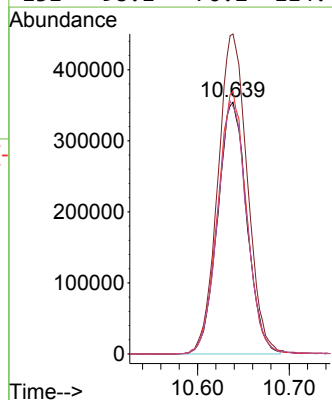
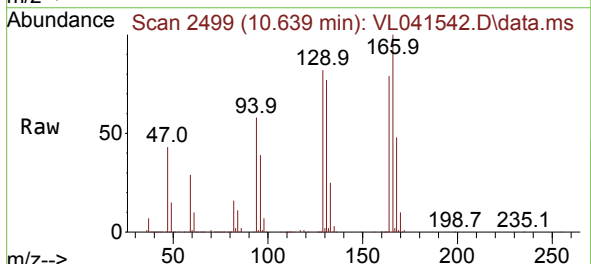
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

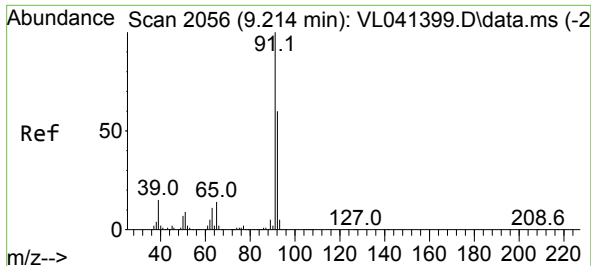
Tgt Ion: 43 Resp: 1863582
Ion Ratio Lower Upper
43 100
58 47.0 38.2 57.2
98 0.7 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.787 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion:164 Resp: 782284
Ion Ratio Lower Upper
164 100
166 126.9 101.1 151.7
129 104.2 81.7 122.5
131 98.1 76.2 114.4

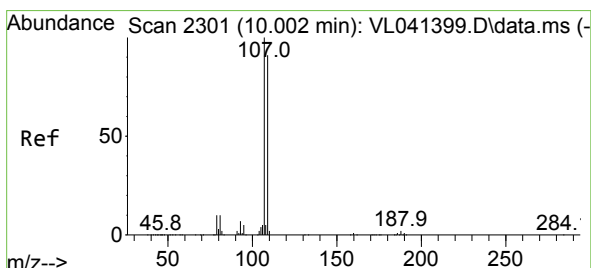
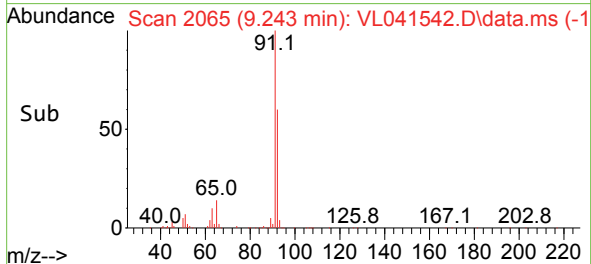
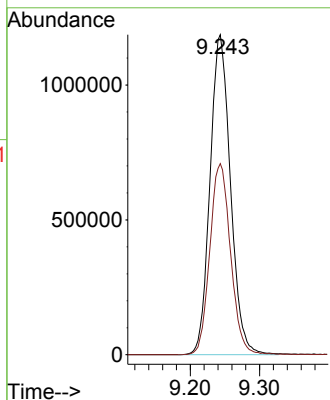
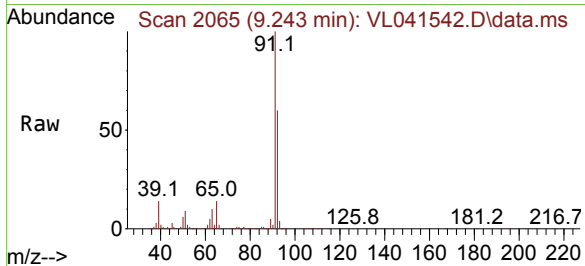




#53
Toluene
Concen: 11.628 ppbv
RT: 9.243 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

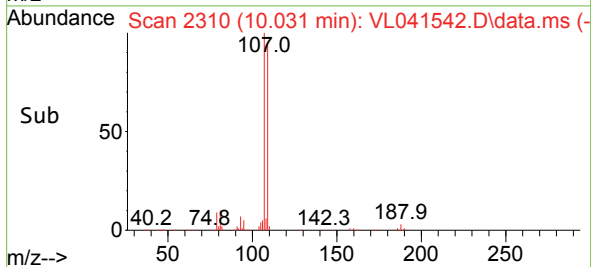
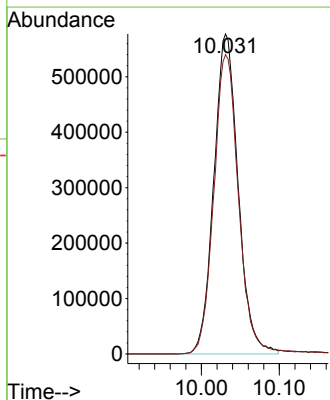
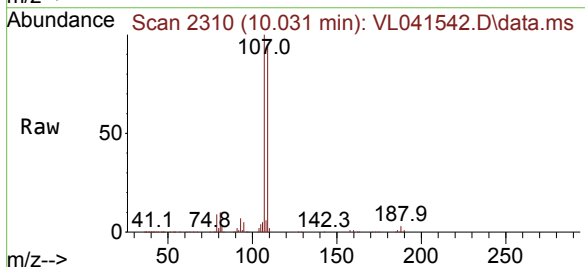
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

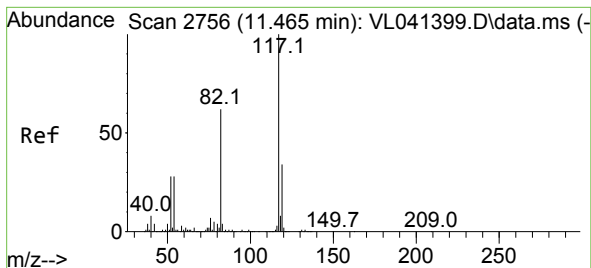
Tgt Ion: 91 Resp: 2430940
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.865 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 107 Resp: 1250868
Ion Ratio Lower Upper
107 100
109 93.5 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

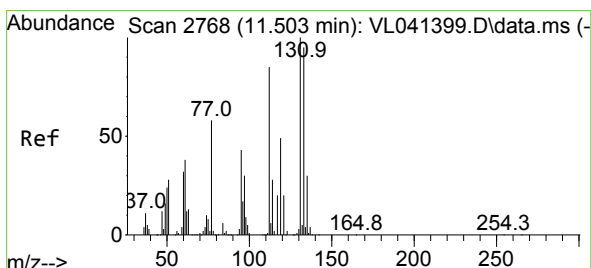
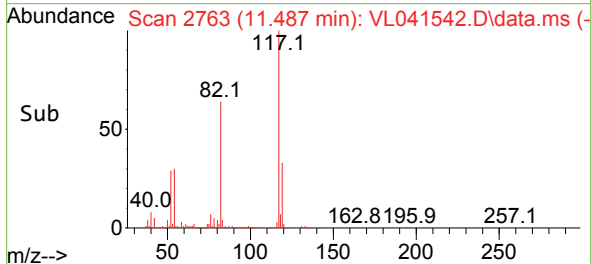
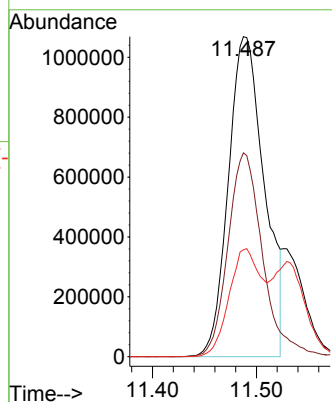
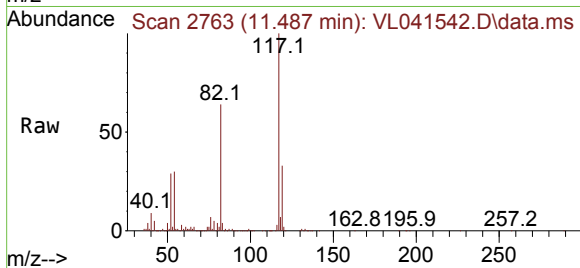
Tgt Ion:117 Resp: 2570572

Ion Ratio Lower Upper

117 100

82 62.3 51.0 76.6

119 28.7 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 10.747 ppbv

RT: 11.529 min Scan# 2776

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

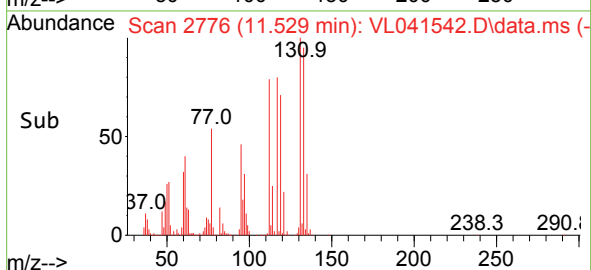
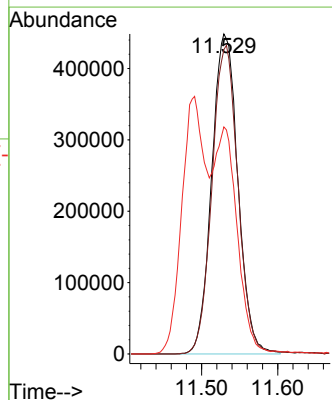
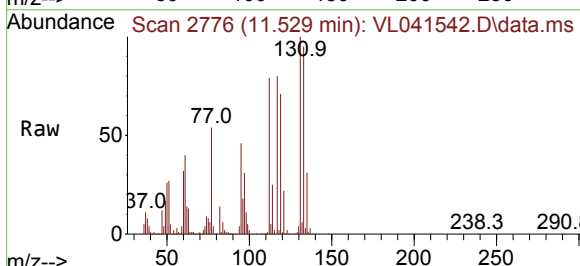
Tgt Ion:131 Resp: 1071372

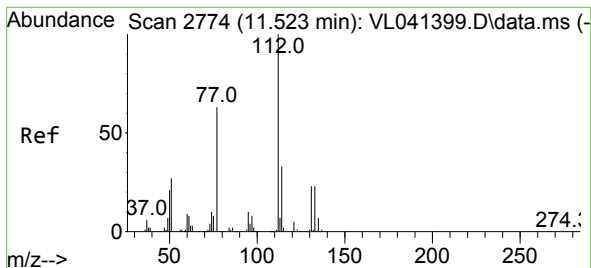
Ion Ratio Lower Upper

131 100

133 96.2 77.0 115.4

119 65.4 121.5 182.3#

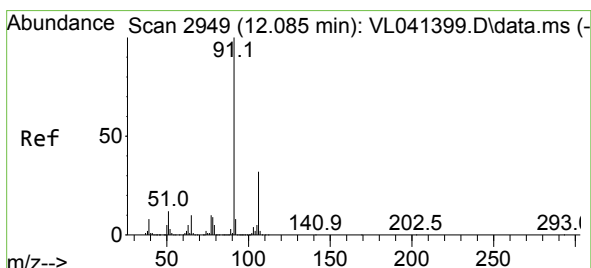
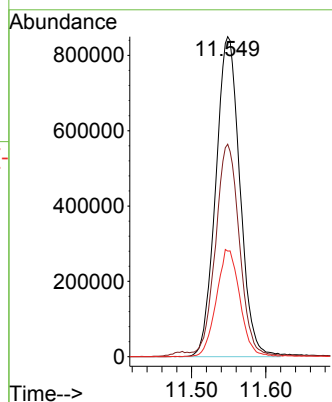
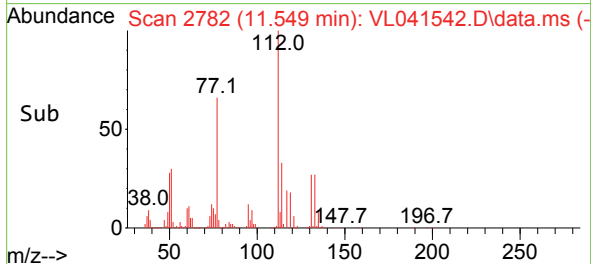
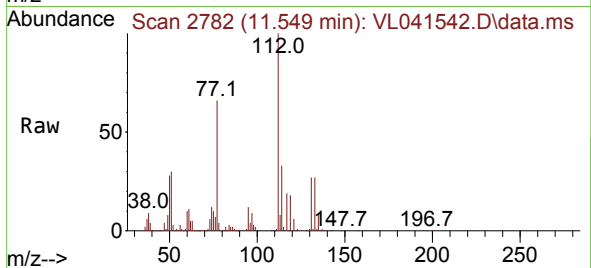




#57
Chlorobenzene
Concen: 10.493 ppbv
RT: 11.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

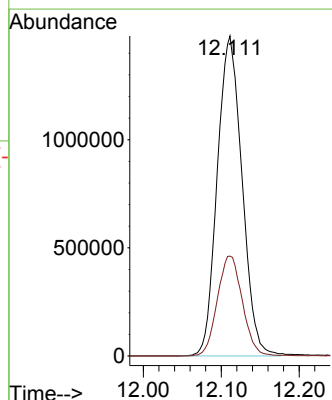
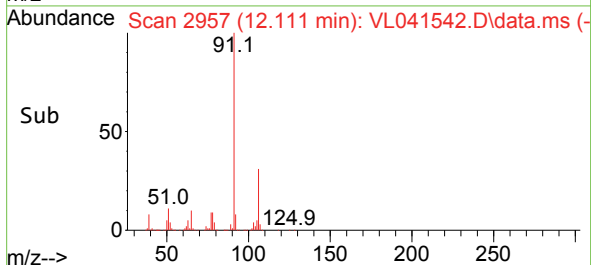
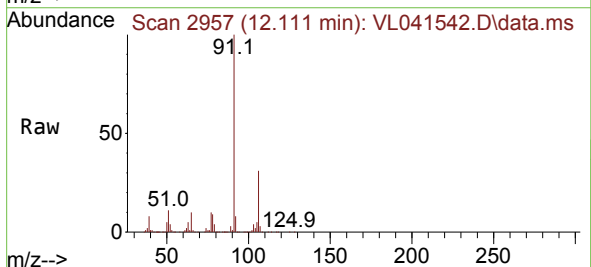
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

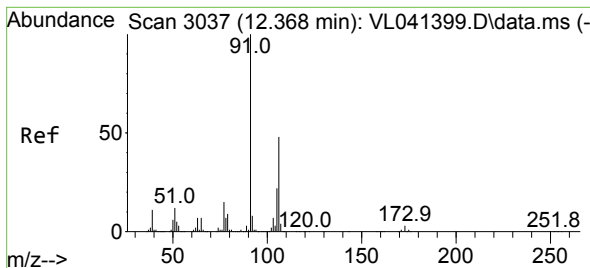
Tgt Ion:112 Resp: 1920481
Ion Ratio Lower Upper
112 100
77 65.9 51.1 76.7
114 32.9 29.5 36.1



#58
Ethyl Benzene
Concen: 11.043 ppbv
RT: 12.111 min Scan# 2957
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 91 Resp: 3271939
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.8

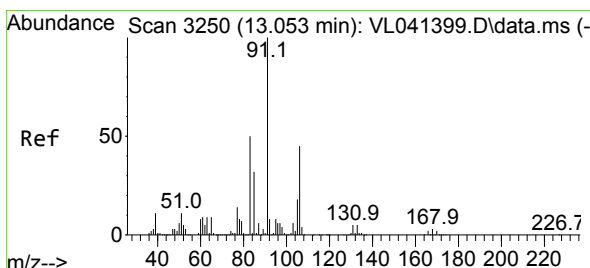
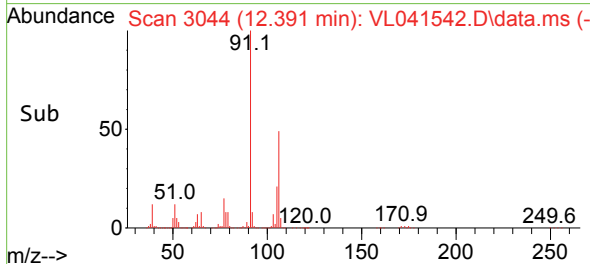
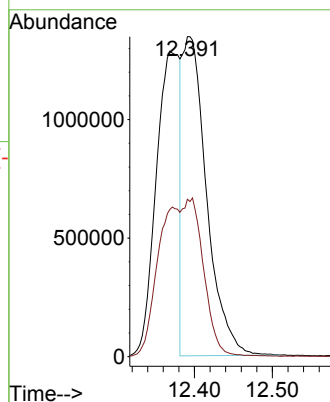
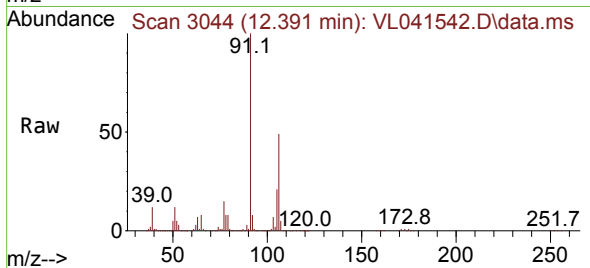




#59
m/p-Xylene
Concen: 11.391 ppbv
RT: 12.391 min Scan# 3037
Delta R.T. -0.003 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

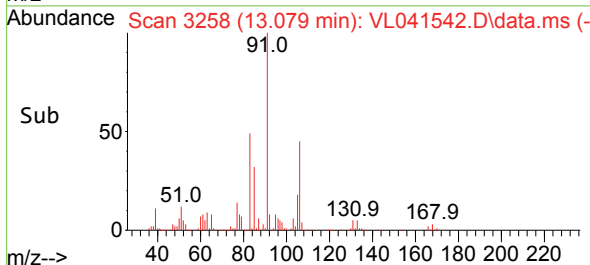
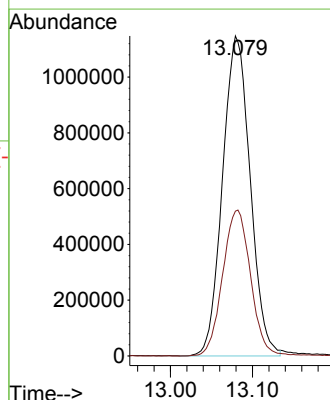
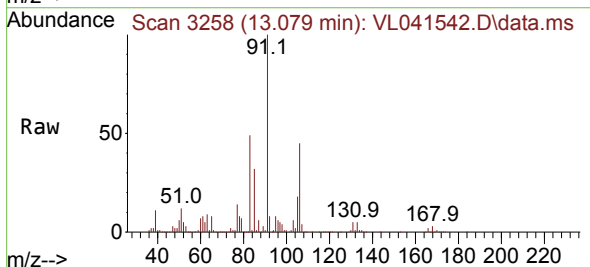
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

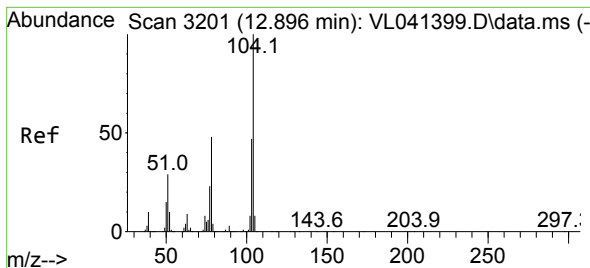
Tgt Ion: 91 Resp: 2913500
Ion Ratio Lower Upper
91 100
106 88.5 36.3 54.5#



#60
o-Xylene
Concen: 11.097 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 91 Resp: 2684986
Ion Ratio Lower Upper
91 100
106 46.5 23.1 69.3





#61

Styrene

Concen: 12.045 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

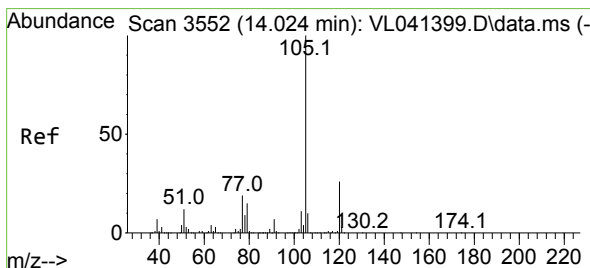
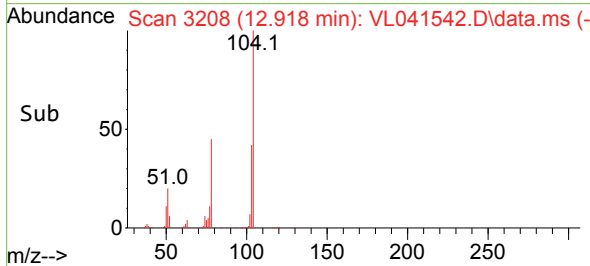
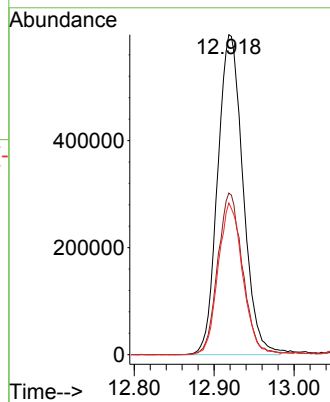
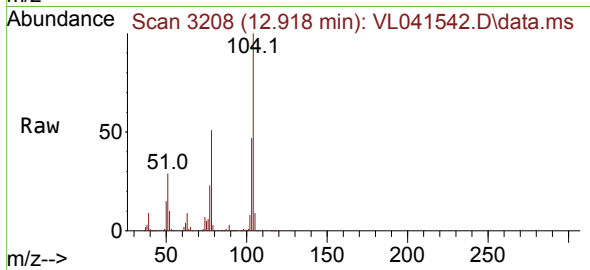
Tgt Ion:104 Resp: 1314788

Ion Ratio Lower Upper

104 100

78 49.9 40.8 61.2

103 46.4 38.2 57.4



#62

Isopropylbenzene

Concen: 10.649 ppbv

RT: 14.050 min Scan# 3560

Delta R.T. 0.000 min

Lab File: VL041542.D

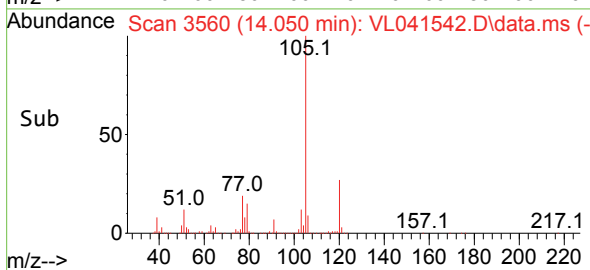
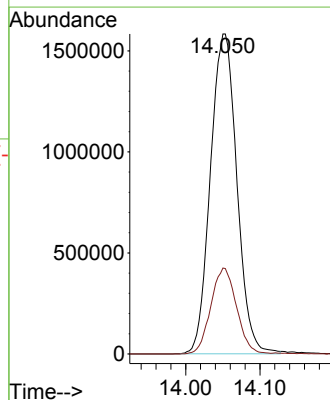
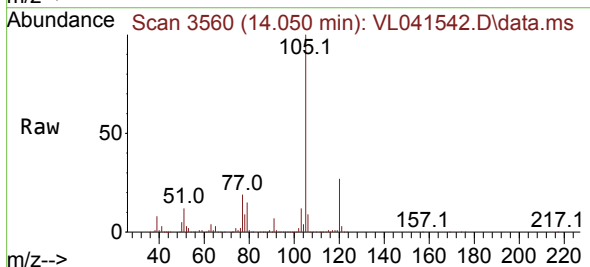
Acq: 19 Aug 2024 10:48

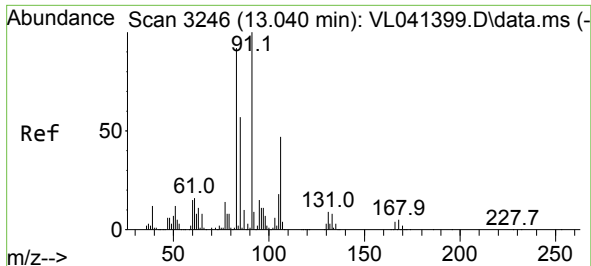
Tgt Ion:105 Resp: 3916892

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.4

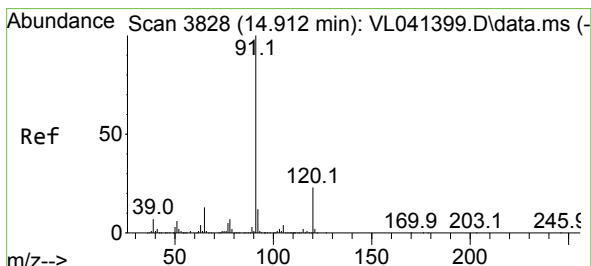
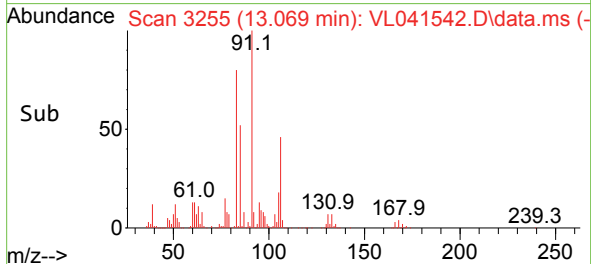
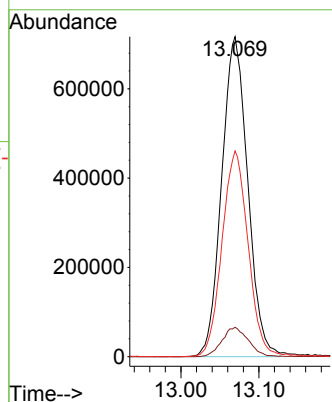
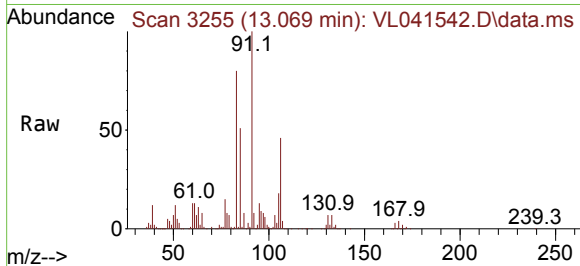




#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.867 ppbv
 RT: 13.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

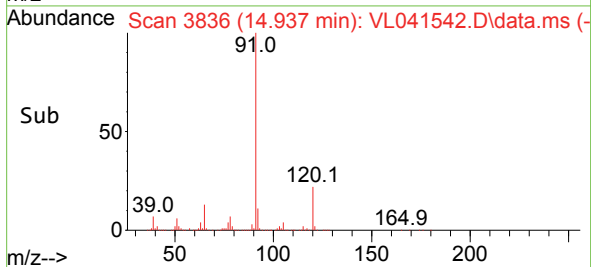
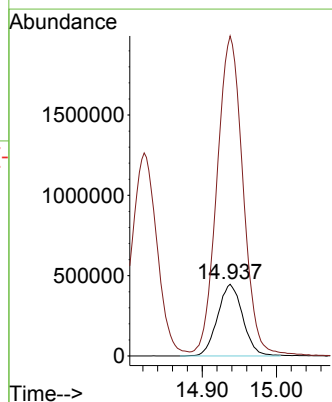
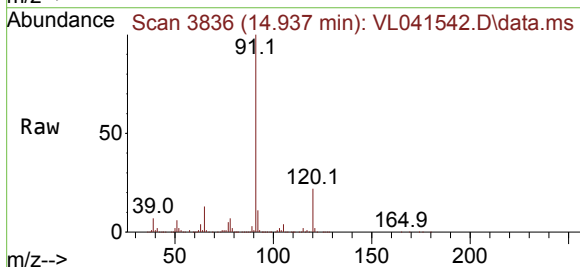
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

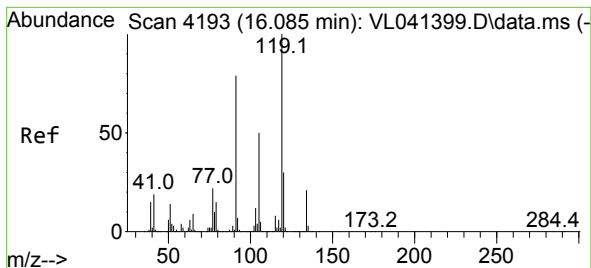
Tgt Ion: 83 Resp: 1660380
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.4
 85 65.1 32.6 98.0



#64
 n-propylbenzene
 Concen: 10.937 ppbv
 RT: 14.937 min Scan# 3836
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion:120 Resp: 1051699
 Ion Ratio Lower Upper
 120 100
 91 463.8 361.4 542.0





#65

tert-Butylbenzene

Concen: 10.720 ppbv

RT: 16.111 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

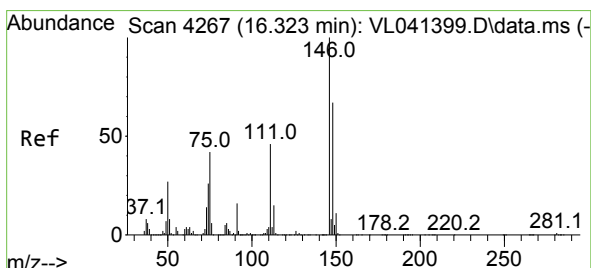
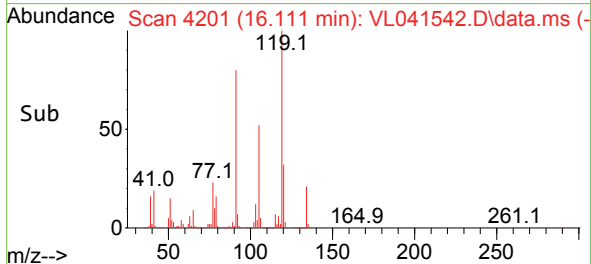
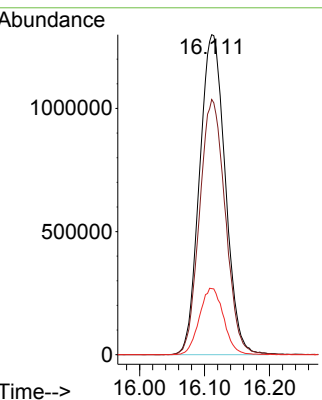
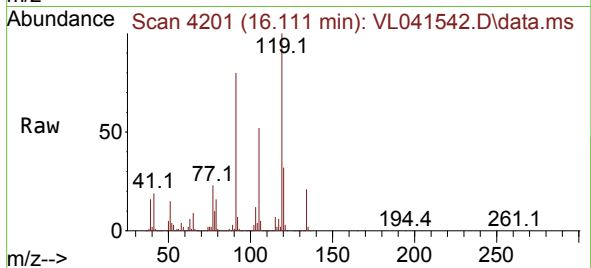
Tgt Ion:119 Resp: 3561329

Ion Ratio Lower Upper

119 100

91 79.9 64.2 96.2

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 13.791 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

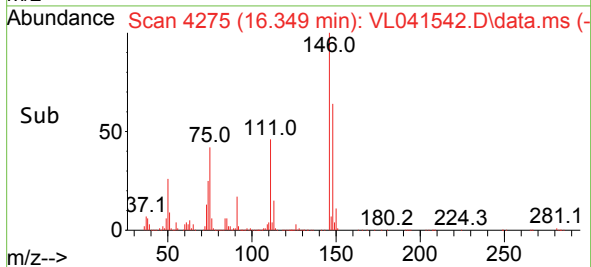
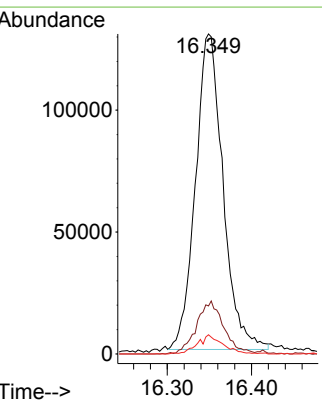
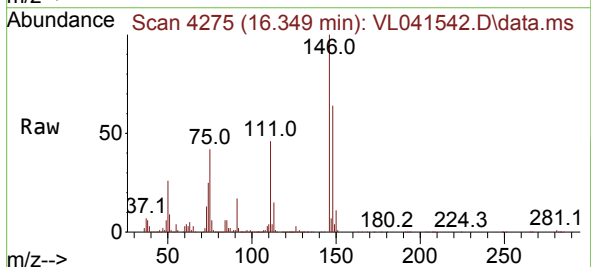
Tgt Ion: 91 Resp: 293870

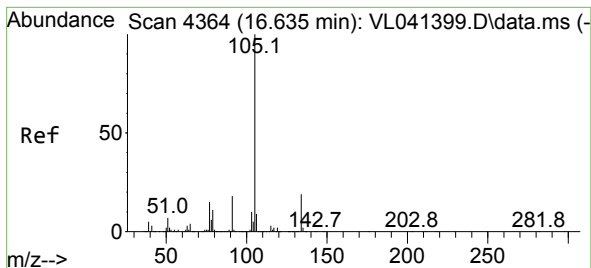
Ion Ratio Lower Upper

91 100

126 17.0 13.8 20.8

128 5.7 4.4 6.6





#67

sec-Butylbenzene

Concen: 10.844 ppbv

RT: 16.658 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

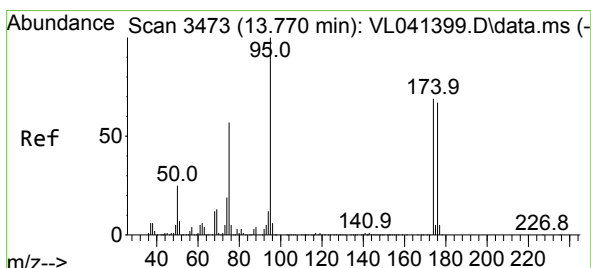
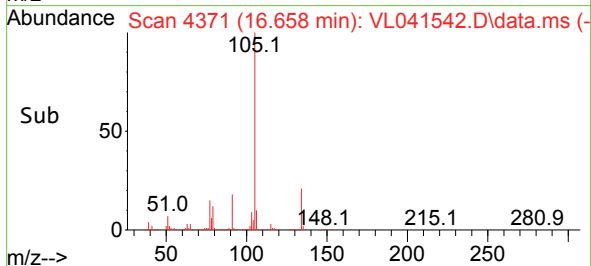
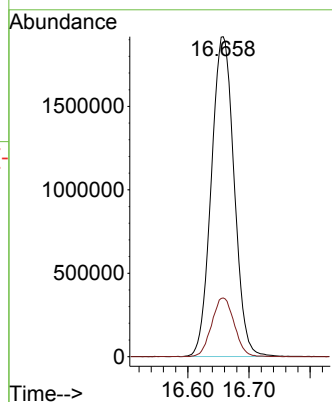
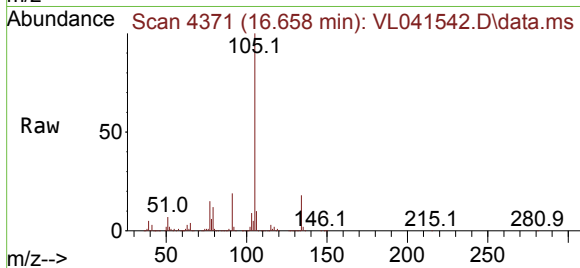
VL0819ABS01

Tgt Ion:105 Resp: 4963512

Ion Ratio Lower Upper

105 100

134 18.3 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.779 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

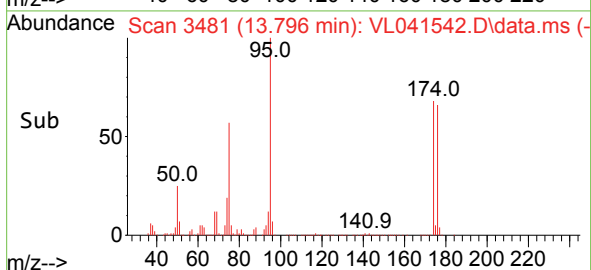
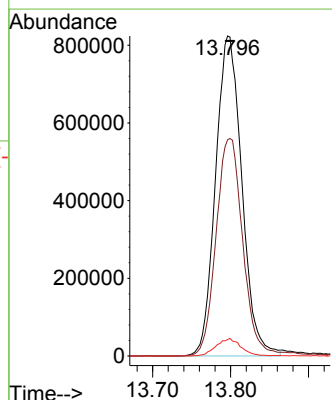
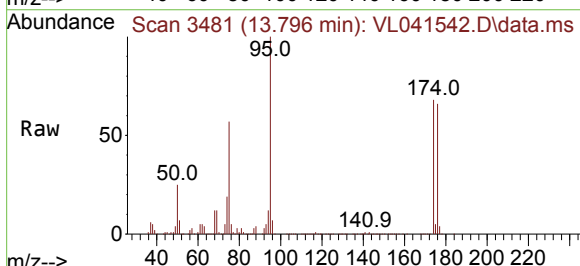
Tgt Ion: 95 Resp: 1934486

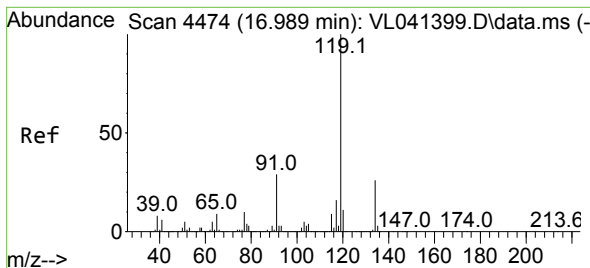
Ion Ratio Lower Upper

95 100

174 70.0 56.3 84.5

175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 11.019 ppbv

RT: 17.015 min Scan# 4474

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

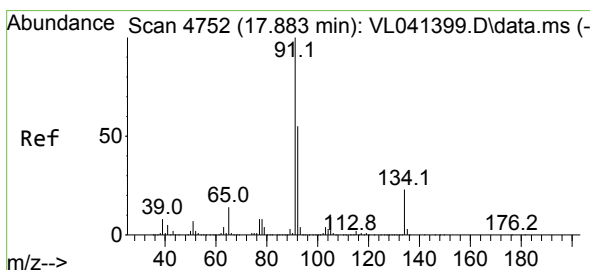
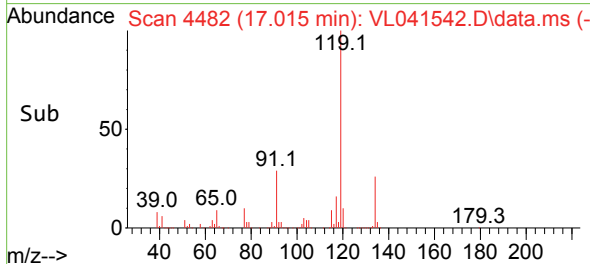
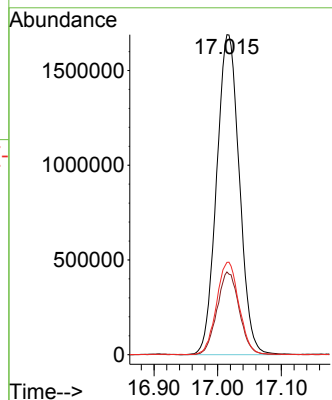
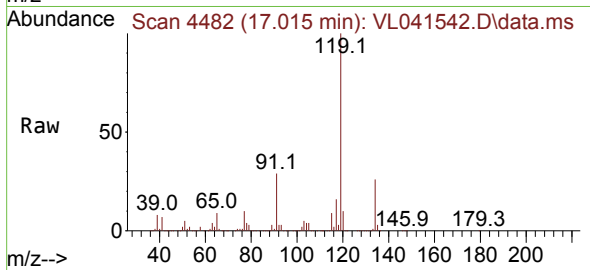
Tgt Ion:119 Resp: 4185466

Ion Ratio Lower Upper

119 100

134 25.3 20.5 30.7

91 28.7 23.2 34.8



#70

n-Butylbenzene

Concen: 11.100 ppbv

RT: 17.908 min Scan# 4760

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

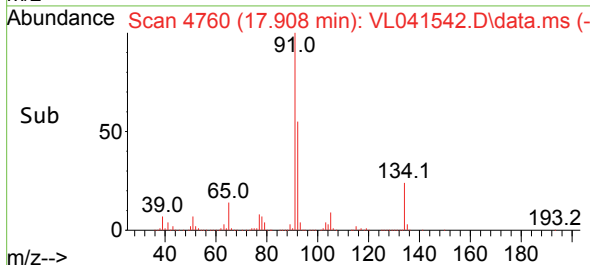
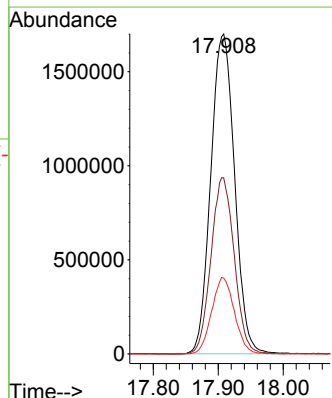
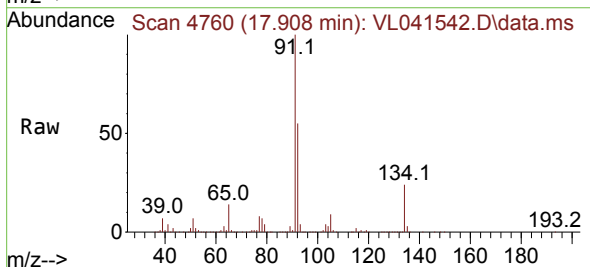
Tgt Ion: 91 Resp: 4322218

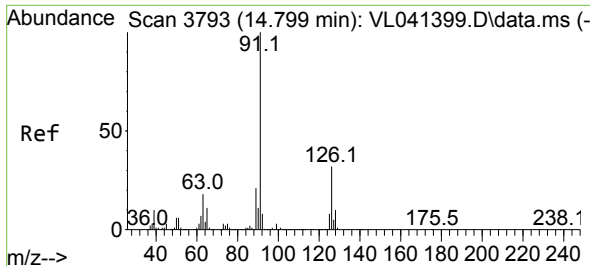
Ion Ratio Lower Upper

91 100

92 53.9 43.2 64.8

134 22.9 18.5 27.7

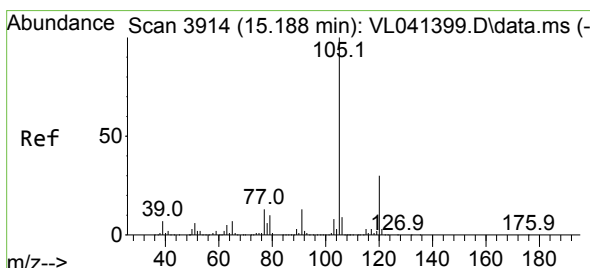
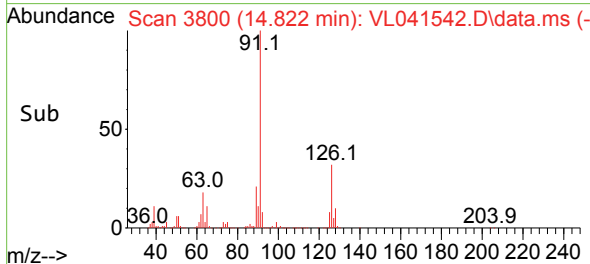
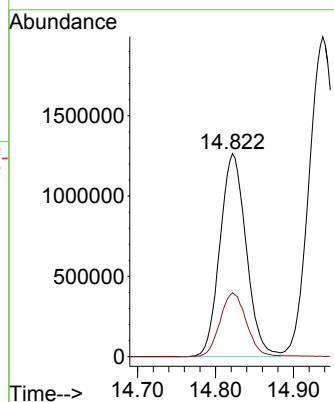
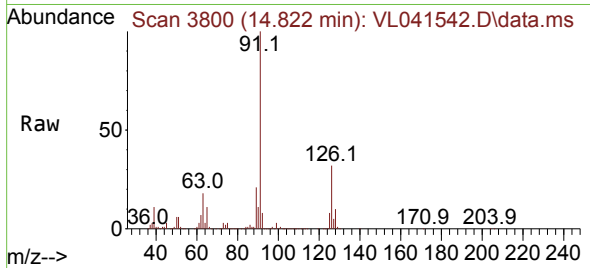




#71
2-Chlorotoluene
Concen: 10.899 ppbv
RT: 14.822 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

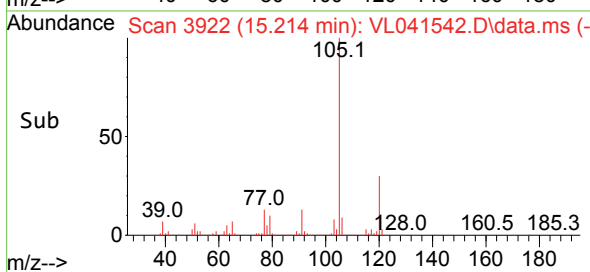
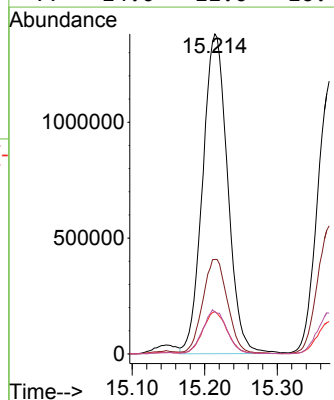
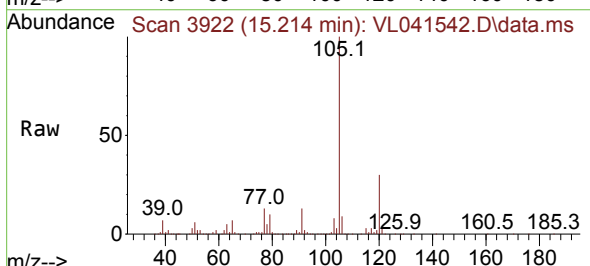
Instrument :
MSVOA_L
ClientSampleId :
VL0819ABS01

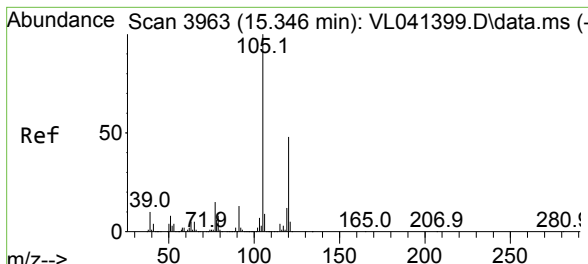
Tgt Ion: 91 Resp: 2956439
Ion Ratio Lower Upper
91 100
126 32.3 12.7 50.9



#72
4-Ethyltoluene
Concen: 11.596 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.000 min
Lab File: VL041542.D
Acq: 19 Aug 2024 10:48

Tgt Ion: 105 Resp: 3303117
Ion Ratio Lower Upper
105 100
120 29.9 24.2 36.2
91 12.9 10.4 15.6
77 14.0 11.0 16.4

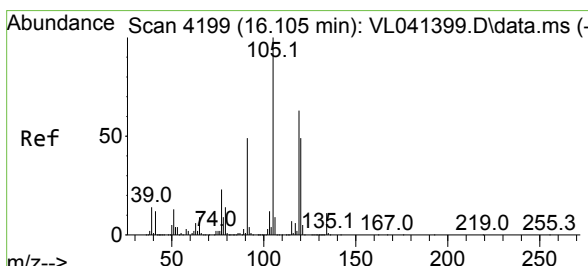
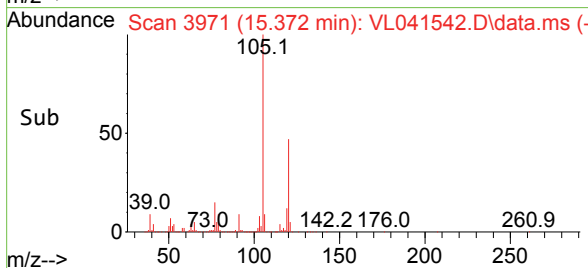
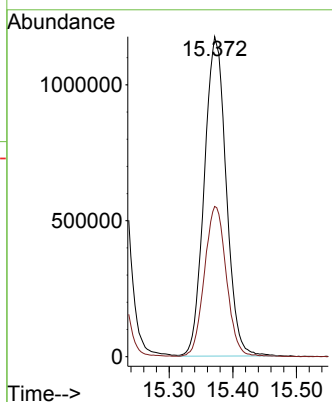
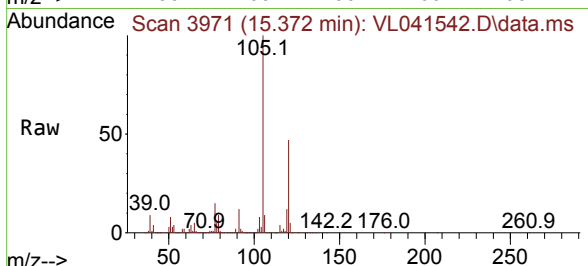




#73
 1,3,5-Trimethylbenzene
 Concen: 11.440 ppbv
 RT: 15.372 min Scan# 3963
 Delta R.T. 0.000 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

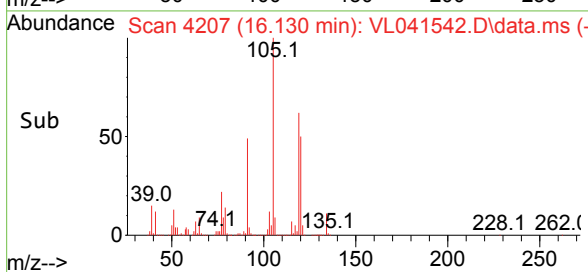
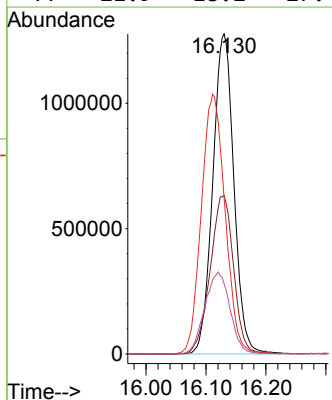
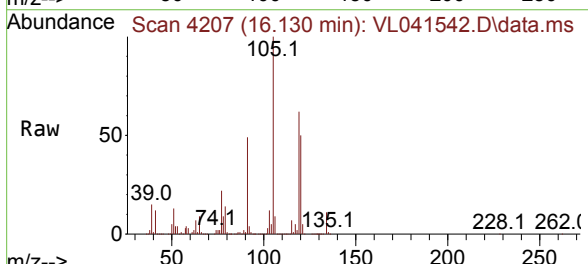
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01

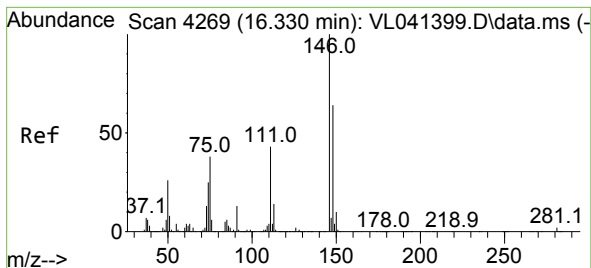
Tgt Ion:105 Resp: 2807444
 Ion Ratio Lower Upper
 105 100
 120 46.9 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 10.908 ppbv
 RT: 16.130 min Scan# 4207
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Tgt Ion:105 Resp: 3111891
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.5 59.3
 91 48.5 39.8 59.8
 77 21.9 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 10.799 ppbv

RT: 16.352 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

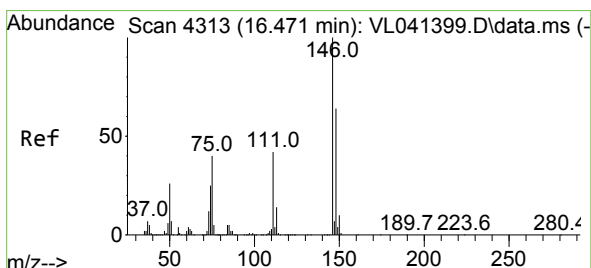
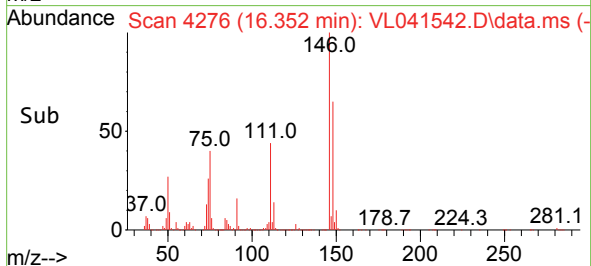
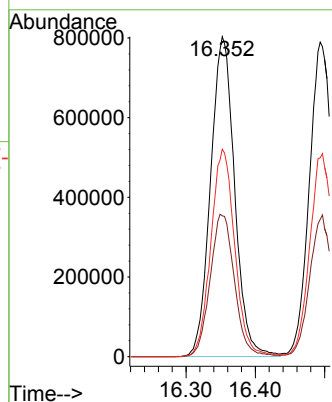
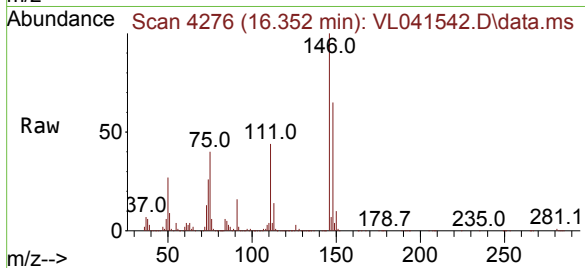
Tgt Ion:146 Resp: 1936719

Ion Ratio Lower Upper

146 100

111 45.0 22.6 67.8

148 64.8 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 10.794 ppbv

RT: 16.494 min Scan# 4320

Delta R.T. 0.000 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

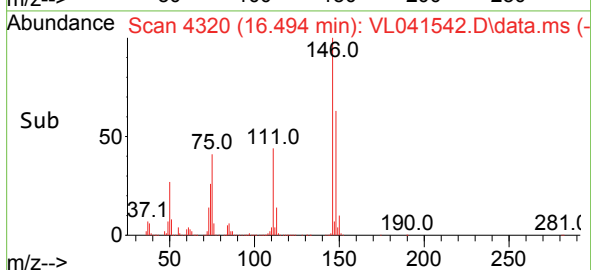
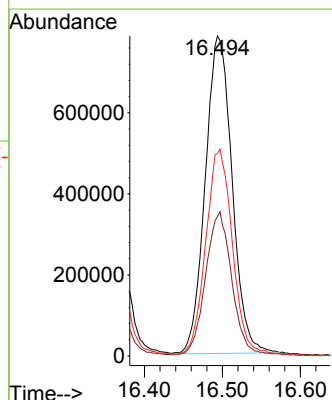
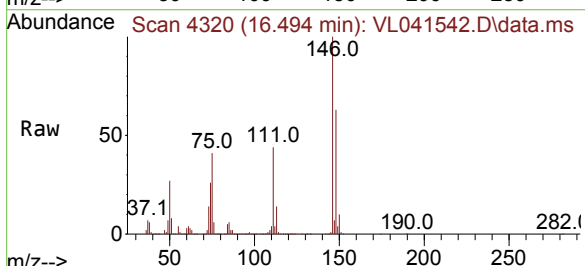
Tgt Ion:146 Resp: 1874477

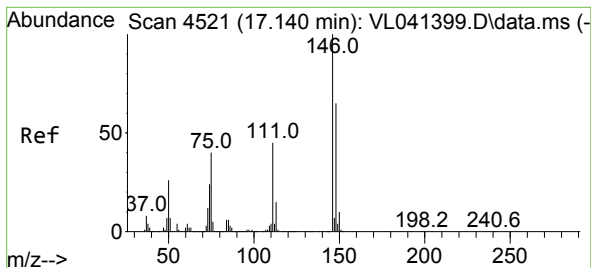
Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.0

148 65.5 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 10.498 ppbv

RT: 17.166 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

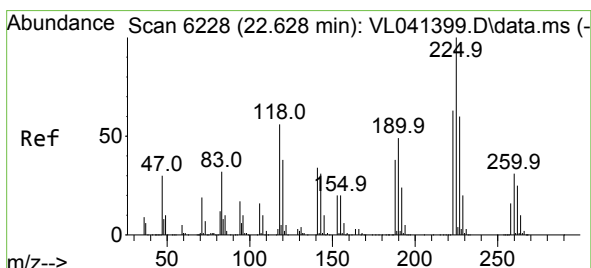
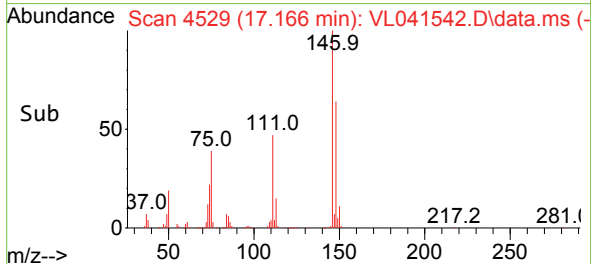
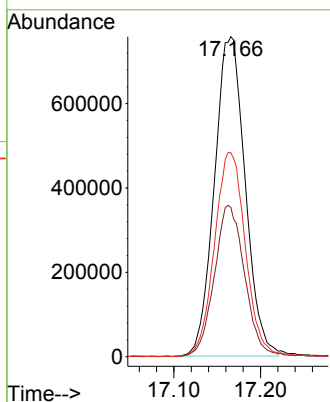
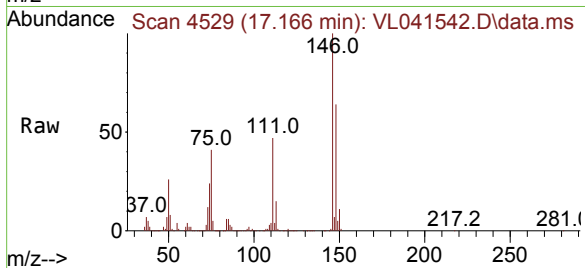
Tgt Ion:146 Resp: 1866349

Ion Ratio Lower Upper

146 100

111 46.9 23.4 70.0

148 64.6 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 9.366 ppbv

RT: 22.654 min Scan# 6236

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

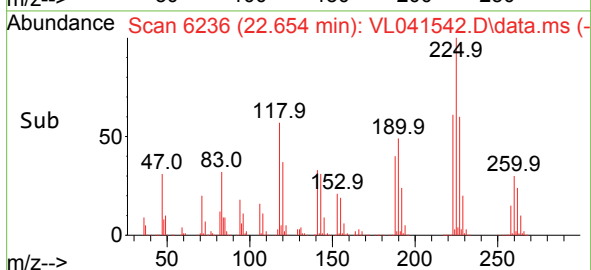
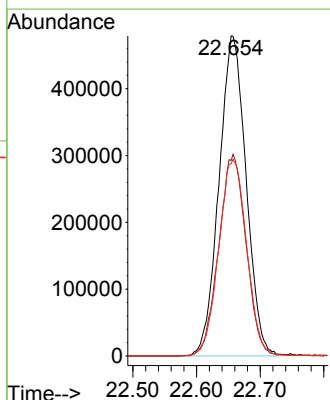
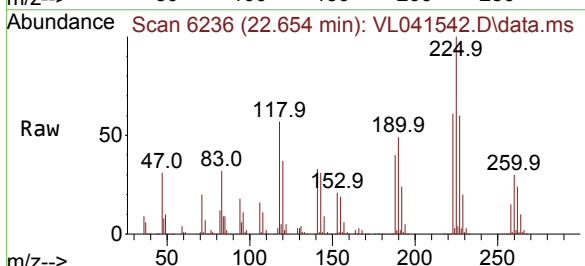
Tgt Ion:225 Resp: 1419954

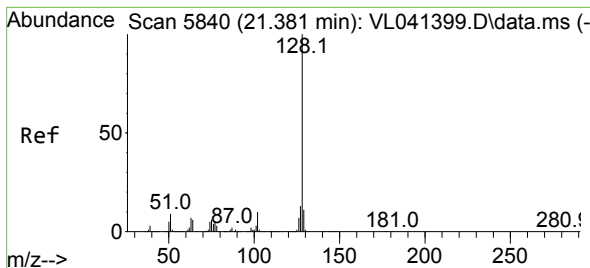
Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

227 63.4 50.8 76.2





#79

Naphthalene

Concen: 12.483 ppbv

RT: 21.407 min Scan# 5848

Delta R.T. -0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

Instrument :

MSVOA_L

ClientSampleId :

VL0819ABS01

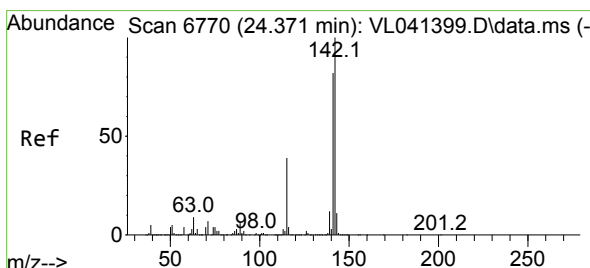
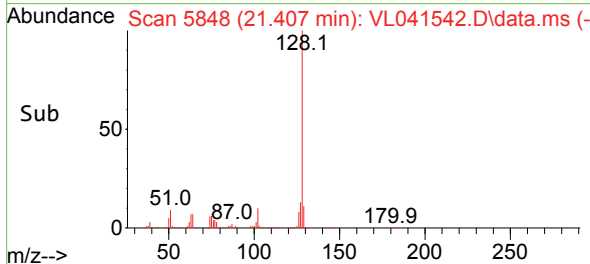
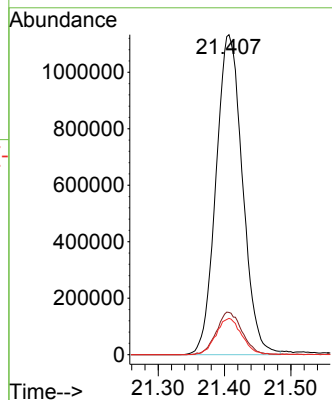
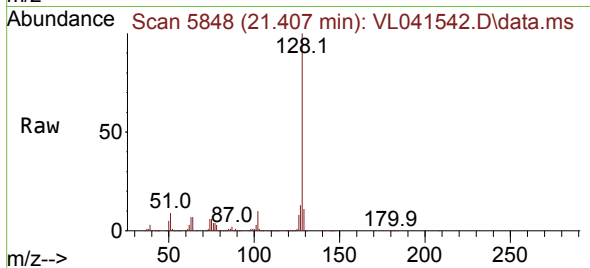
Tgt Ion:128 Resp: 3143301

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.4 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 12.183 ppbv

RT: 24.394 min Scan# 6777

Delta R.T. 0.003 min

Lab File: VL041542.D

Acq: 19 Aug 2024 10:48

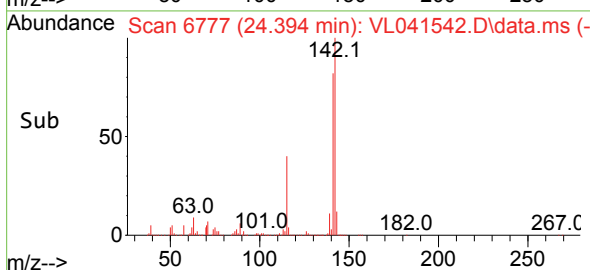
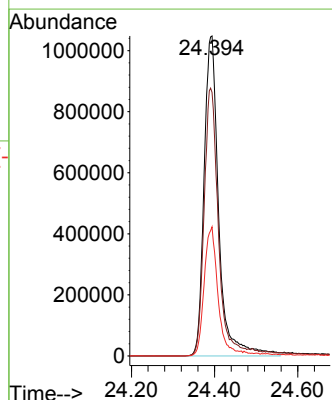
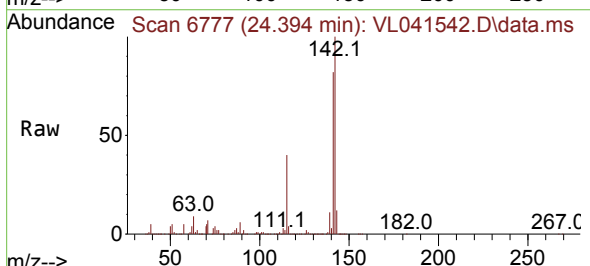
Tgt Ion:142 Resp: 2571622

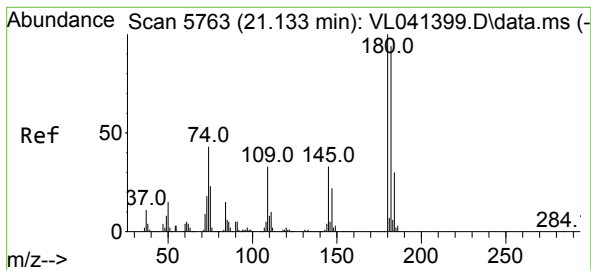
Ion Ratio Lower Upper

142 100

141 84.4 67.0 100.4

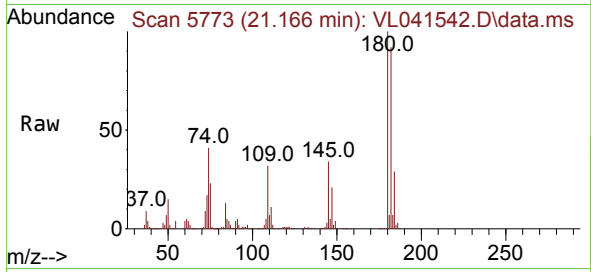
115 39.9 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.046 ppbv
 RT: 21.166 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041542.D
 Acq: 19 Aug 2024 10:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0819ABS01



Tgt Ion:180 Resp: 1655281

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
184	30.7	24.5	36.7

