

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041379.D
 Acq On : 1 Jul 2024 22:35
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 23:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	1004858	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2692688	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	3122040	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1865102	7.971	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.780	85	1539936	8.981	ppbv	97
3) Chlorodifluoromethane	2.726	51	1538140	8.877	ppbv	99
4) Chloromethane	2.864	50	594914	8.984	ppbv	98
5) Vinyl Chloride	2.967	62	629186	8.793	ppbv	100
6) Bromomethane	3.163	94	153470	6.780	ppbv	98
7) Chloroethane	3.240	64	221538	9.371	ppbv	99
8) Dichlorotetrafluoroethane	2.906	85	1551856	9.311	ppbv	99
9) Propene	2.745	41	533678	8.901	ppbv	99
10) Heptane	7.587	43	1318564	9.363	ppbv	99
11) Trichlorofluoromethane	3.600	101	1553347	9.307	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.095	101	1061490	9.075	ppbv	99
13) Ethanol	3.285	45	145733	10.957	ppbv	96
14) Bromoethene	3.407	108	445295	9.490	ppbv	97
15) Acetone	3.510	43	1111693	8.377	ppbv	97
16) 1,3-Butadiene	3.031	39	610089	9.659	ppbv	98
17) tert-Butyl alcohol	3.915	59	1095693	10.702	ppbv	99
18) 1,1-Dichloroethene	3.915	96	473351	9.205	ppbv	99
19) Isopropyl Alcohol	3.616	45	839960	11.529	ppbv	99
20) Methylene Chloride	3.970	84	391178	8.123	ppbv	95
21) Allyl Chloride	4.028	41	684509	8.551	ppbv	99
22) trans-1,2-Dichloroethene	4.472	96	467230	9.148	ppbv	99
23) Vinyl Acetate	4.655	43	1239610	9.475	ppbv	99
24) 1,1-Dichloroethane	4.591	63	1043543	9.201	ppbv	99
25) Ethyl Acetate	5.227	43	2210142	9.044	ppbv	99
26) Hexane	5.234	57	975819	9.018	ppbv	98
27) Carbon Disulfide	4.156	76	1236801	9.394	ppbv	98
28) Methyl tert-Butyl Ether	4.613	73	731628	9.116	ppbv	98
29) Chloroform	5.298	83	1527803	9.151	ppbv	100
30) Cyclohexane	6.613	84	810337	9.400	ppbv	99
31) cis-1,2-Dichloroethene	5.102	61	959563	9.250	ppbv	100
32) 1,1,1-Trichloroethane	6.018	97	1506617	8.598	ppbv	99
34) 2-Butanone	4.812	43	1330831	9.366	ppbv	100
35) Carbon Tetrachloride	6.507	117	1564349	8.797	ppbv	98
36) Benzene	6.385	78	2058963	9.239	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1175987	9.197	ppbv	100
38) Trichloroethene	7.301	130	821822	8.466	ppbv	98
39) 1,2-Dichloropropane	7.086	63	791232	9.188	ppbv	96
40) 1,4-Dioxane	7.295	88	325196	11.778	ppbv	# 16
41) Tetrahydrofuran	5.578	42	825071	9.374	ppbv	99
42) Bromodichloromethane	7.259	83	1678836	9.384	ppbv	99
43) Methyl Methacrylate	7.481	69	831330	9.929	ppbv	97
44) 2,2,4-Trimethylpentane	7.336	57	3438881	9.080	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	379250	7.157	ppbv	99

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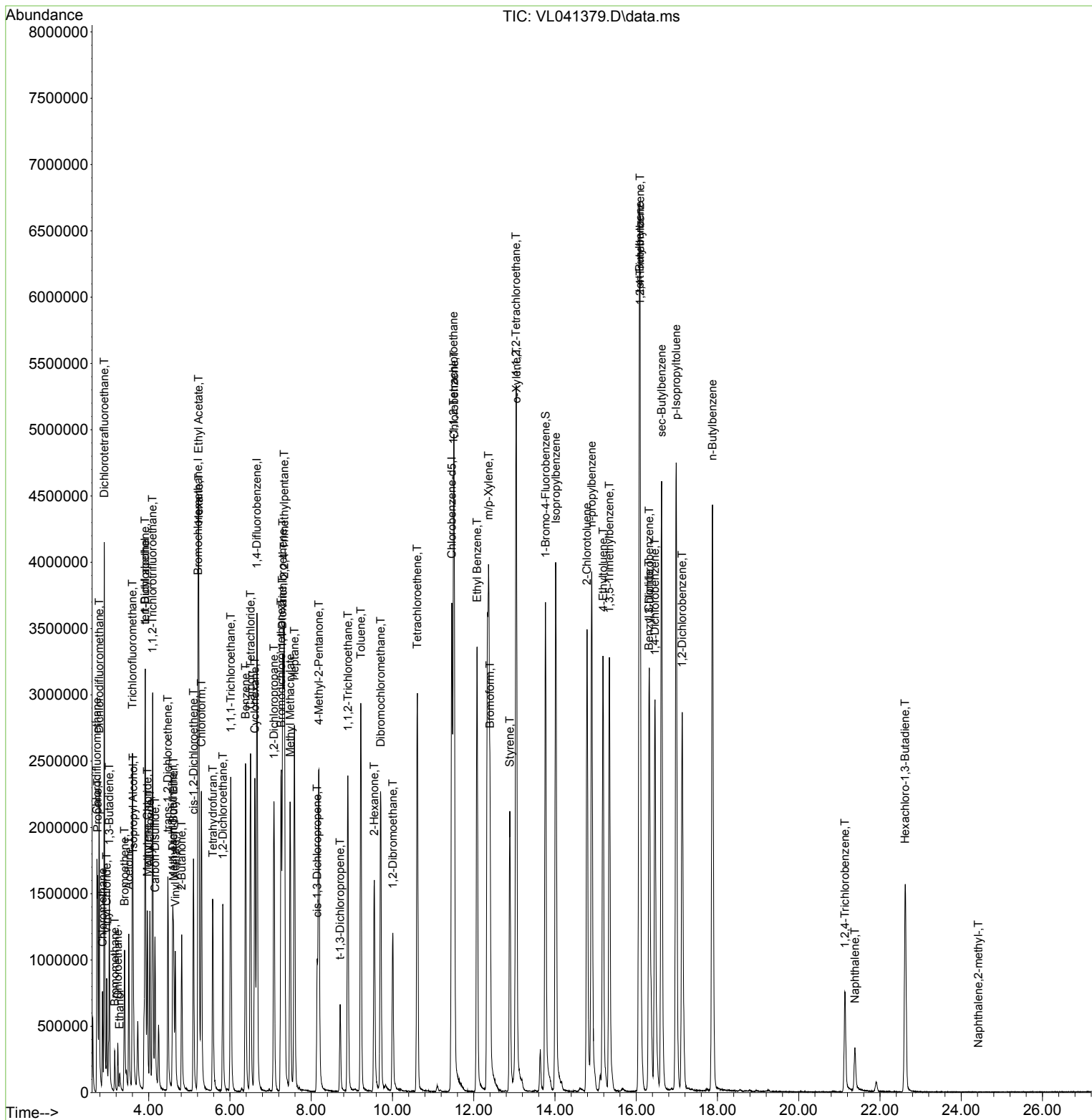
Instrument :
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 ClientSampleId :

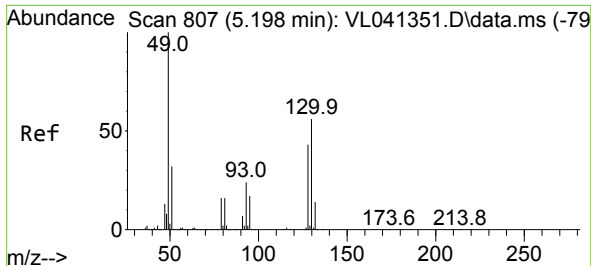
Quant Time: Jul 01 23:35:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	547148	7.679	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	847928	9.180	ppbv	98
48) Dibromochloromethane	9.709	129	1432589	9.658	ppbv	99
49) Bromoform	12.400	173	1145007	9.693	ppbv	98
50) 4-Methyl-2-Pentanone	8.188	43	2102612	9.215	ppbv	99
51) 2-Hexanone	9.552	43	1461591	9.011	ppbv #	100
52) Tetrachloroethene	10.613	164	738085	8.248	ppbv	97
53) Toluene	9.221	91	2387321	9.498	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1021670	8.938	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.503	131	1058568	7.535	ppbv	99
57) Chlorobenzene	11.520	112	1822824	7.443	ppbv	97
58) Ethyl Benzene	12.082	91	3243092	7.764	ppbv	100
59) m/p-Xylene	12.365	91	2090874	5.784	ppbv #	1
60) o-Xylene	13.053	91	2608092	7.645	ppbv	100
61) Styrene	12.889	104	1333785	8.050	ppbv	99
62) Isopropylbenzene	14.021	105	3976294	7.549	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	1856179	6.906	ppbv	99
64) n-propylbenzene	14.905	120	1027435	7.473	ppbv	94
65) tert-Butylbenzene	16.082	119	3543079	7.555	ppbv	99
66) Benzyl Chloride	16.314	91	69698	2.262	ppbv #	64
67) sec-Butylbenzene	16.625	105	5019193	7.567	ppbv	100
69) p-Isopropyltoluene	16.986	119	4225702	7.714	ppbv	100
70) n-Butylbenzene	17.876	91	4381330	7.824	ppbv	100
71) 2-Chlorotoluene	14.789	91	2953569	7.549	ppbv	100
72) 4-Ethyltoluene	15.182	105	3192041	7.855	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2799793	8.050	ppbv	99
74) 1,2,4-Trimethylbenzene	16.098	105	3077907	7.853	ppbv	99
75) 1,3-Dichlorobenzene	16.320	146	1774399	7.632	ppbv	98
76) 1,4-Dichlorobenzene	16.461	146	1739685	7.510	ppbv	99
77) 1,2-Dichlorobenzene	17.133	146	1766967	7.454	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	444996	2.581	ppbv	100
79) Naphthalene	21.384	128	419568	1.990	ppbv	97
80) Naphthalene,2-methyl-	24.419	142	34	0.061	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.140	180	338040	2.595	ppbv	99

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
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QLast Update : Mon Jul 01 23:27:24 2024
Response via : Initial Calibration

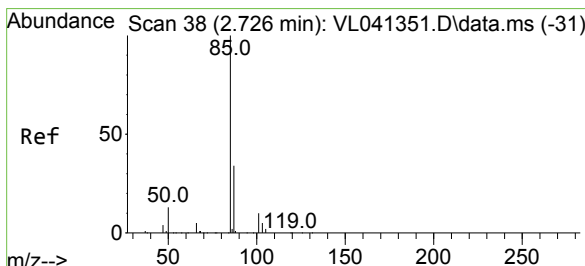
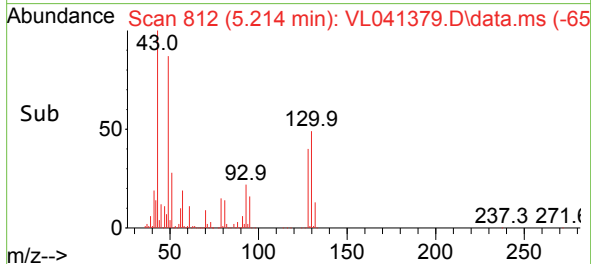
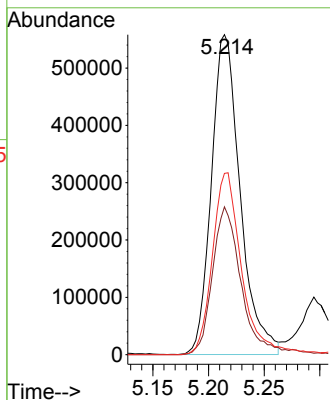
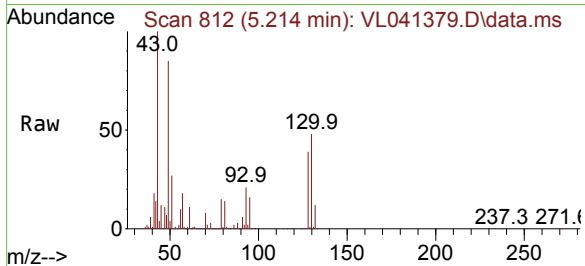




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

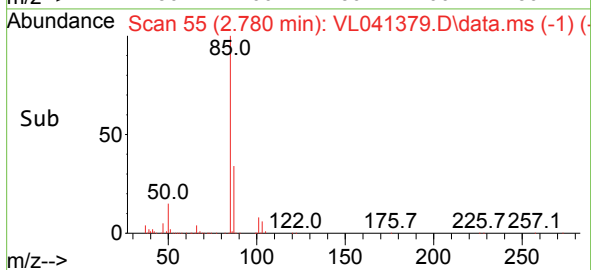
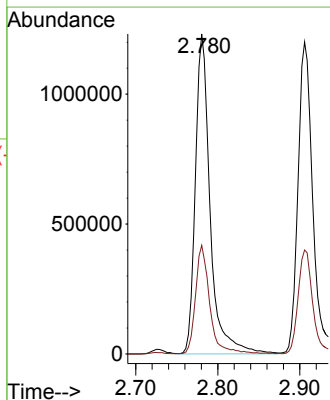
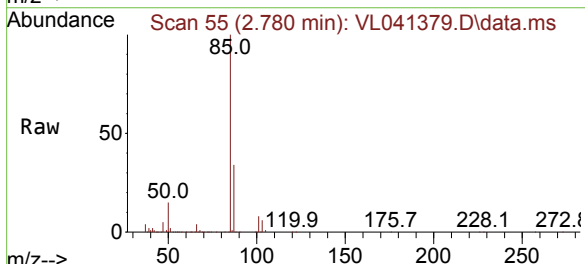
Instrument :
MSVOA_L
ClientSampleId :

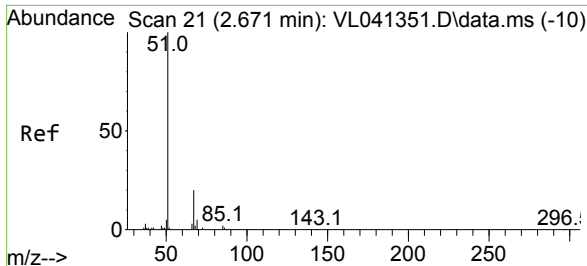
Tgt Ion: 49 Resp: 1004858
Ion Ratio Lower Upper
49 100
128 47.2 22.8 68.3
130 59.0 28.9 86.7



#2
Dichlorodifluoromethane
Concen: 8.981 ppbv
RT: 2.780 min Scan# 55
Delta R.T. 0.010 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 85 Resp: 1539936
Ion Ratio Lower Upper
85 100
87 33.9 25.9 38.9

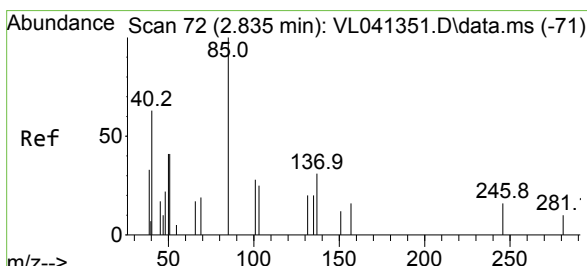
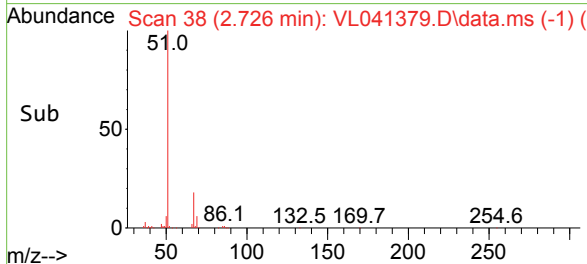
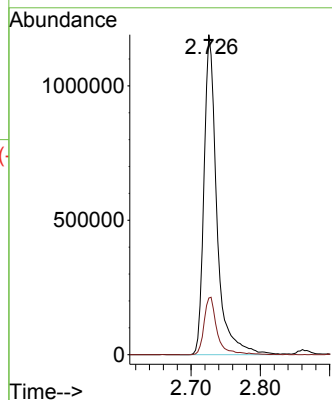
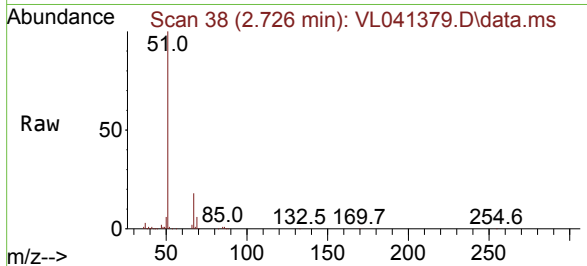




#3
 Chlorodifluoromethane
 Concen: 8.877 ppbv
 RT: 2.726 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

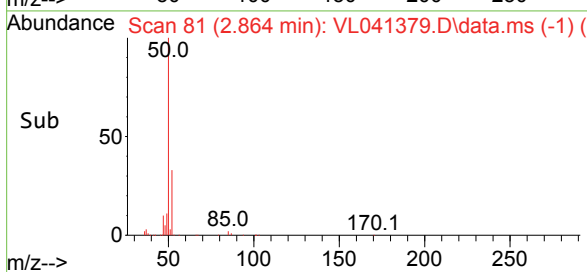
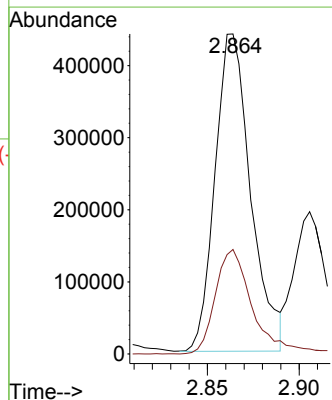
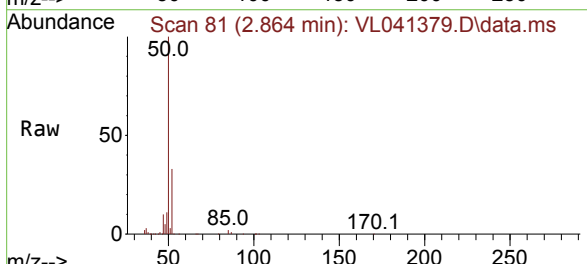
Instrument :
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 ClientSampleId :

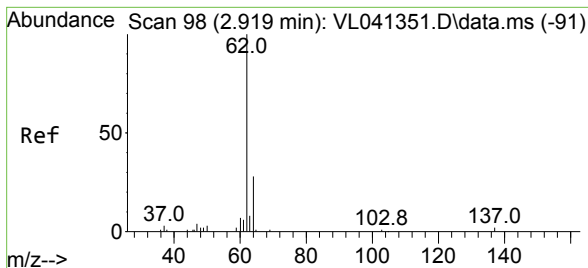
Tgt Ion: 51 Resp: 1538140
 Ion Ratio Lower Upper
 51 100
 67 18.3 14.3 21.5



#4
 Chloromethane
 Concen: 8.984 ppbv
 RT: 2.864 min Scan# 81
 Delta R.T. 0.010 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

Tgt Ion: 50 Resp: 594914
 Ion Ratio Lower Upper
 50 100
 52 33.0 25.6 38.4

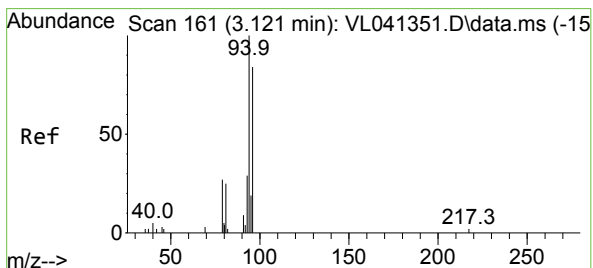
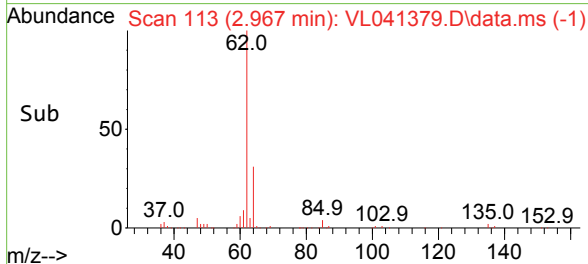
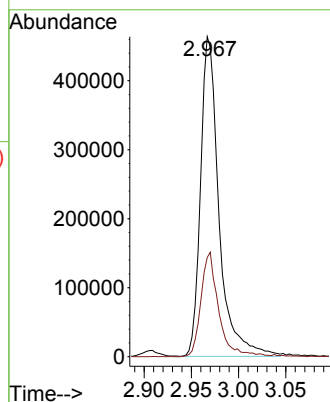
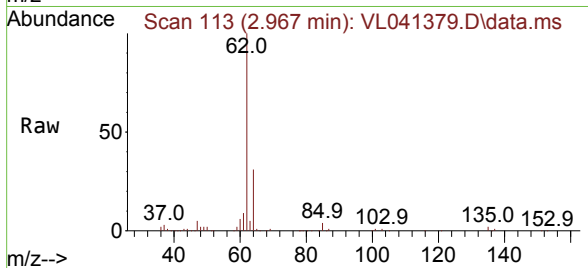




#5
 Vinyl Chloride
 Concen: 8.793 ppbv
 RT: 2.967 min Scan# 113
 Delta R.T. 0.006 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

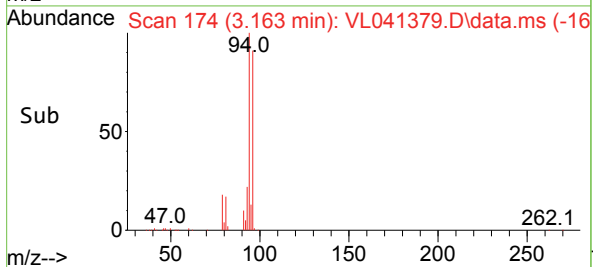
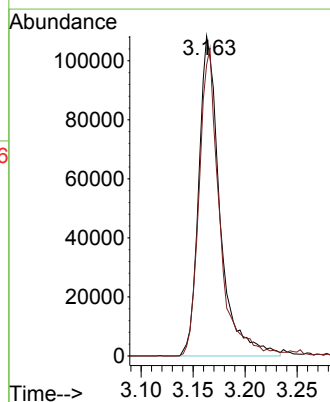
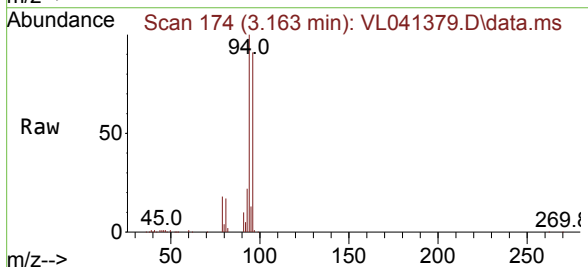
Instrument :
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 ClientSampleId :

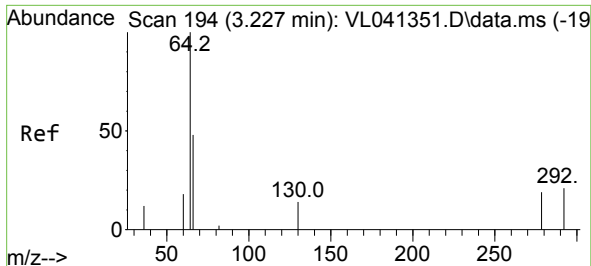
Tgt Ion: 62 Resp: 629186
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.0 37.6



#6
 Bromomethane
 Concen: 6.780 ppbv
 RT: 3.163 min Scan# 174
 Delta R.T. 0.006 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

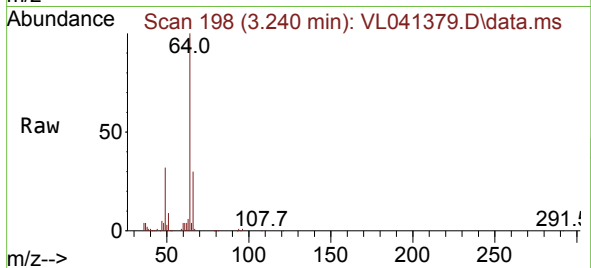
Tgt Ion: 94 Resp: 153470
 Ion Ratio Lower Upper
 94 100
 96 90.8 71.0 106.4



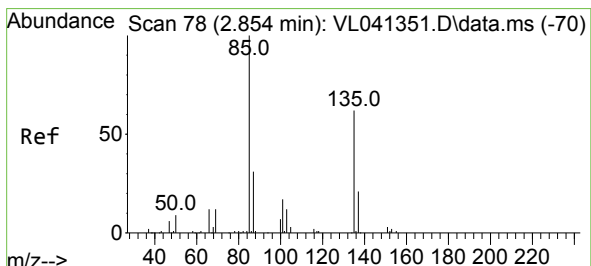
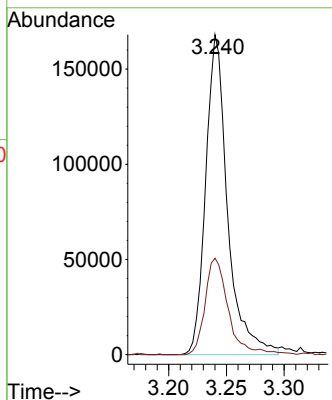
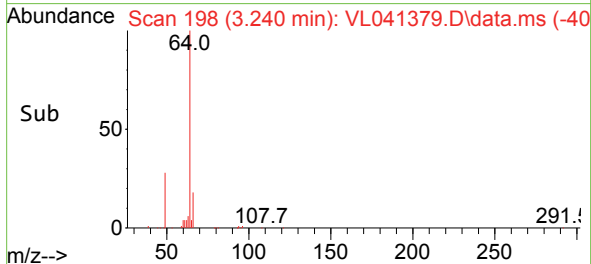


#7
Chloroethane
Concen: 9.371 ppbv
RT: 3.240 min Scan# 194
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Instrument :
MSVOA_L
ClientSampleId :

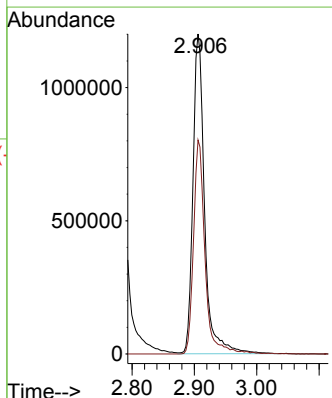
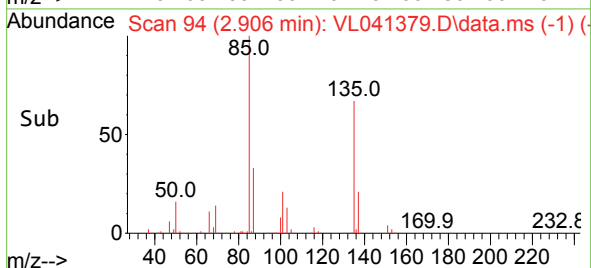
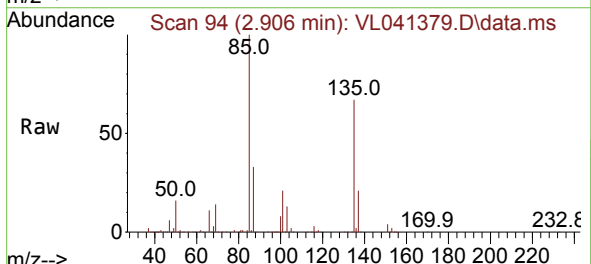


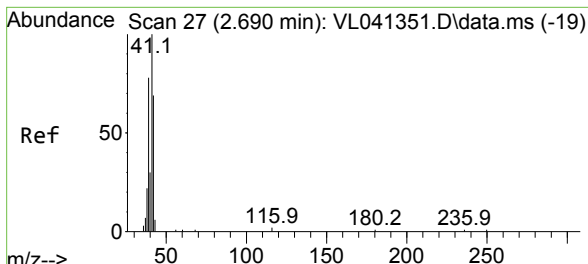
Tgt Ion: 64 Resp: 221538
Ion Ratio Lower Upper
64 100
66 30.1 24.6 36.8



#8
Dichlorotetrafluoroethane
Concen: 9.311 ppbv
RT: 2.906 min Scan# 94
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 85 Resp: 1551856
Ion Ratio Lower Upper
85 100
135 66.5 53.7 80.5

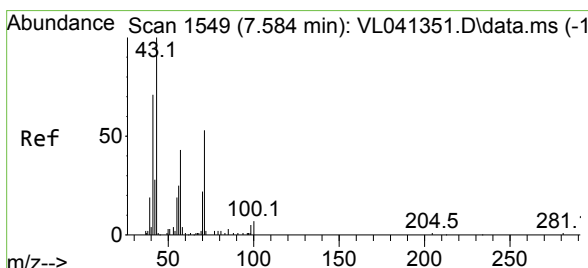
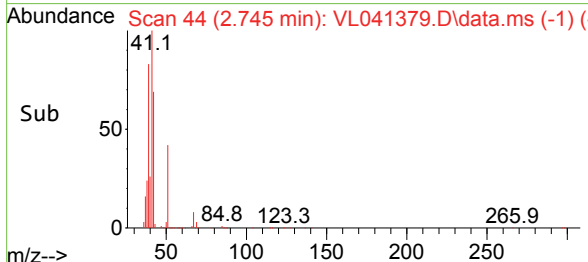
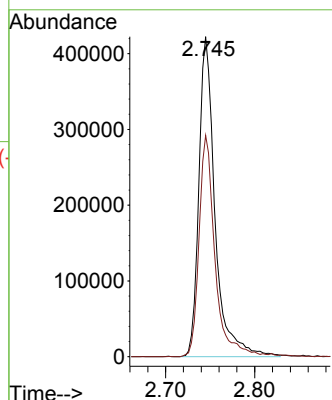
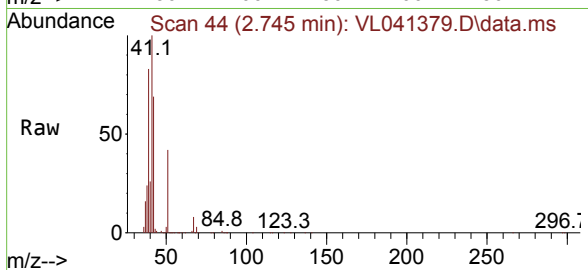




#9
 Propene
 Concen: 8.901 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. 0.010 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

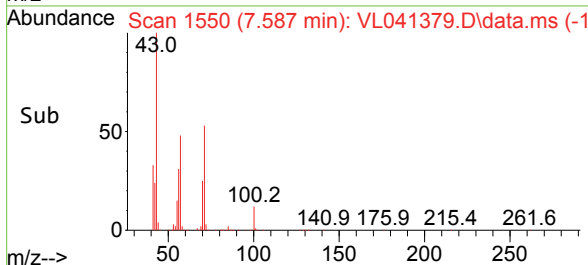
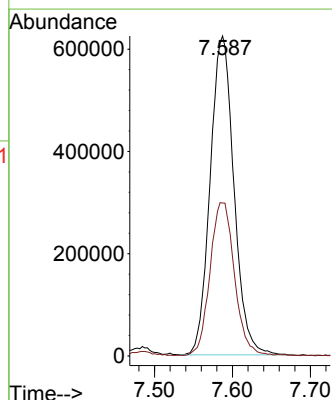
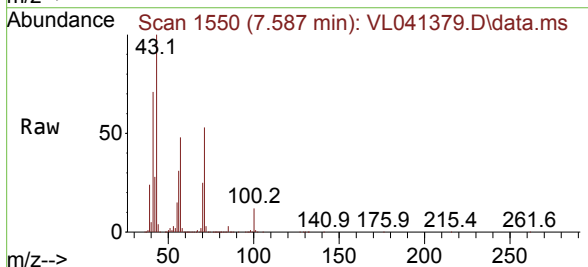
Instrument :
 MSVOA_L
 ClientSampleId :

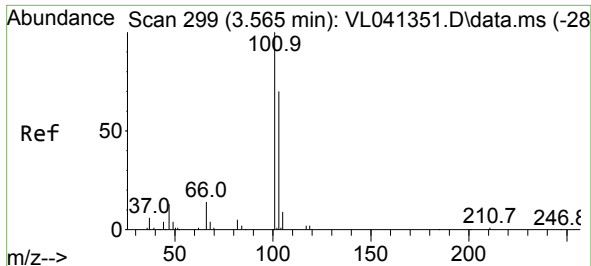
Tgt Ion: 41 Resp: 533678
 Ion Ratio Lower Upper
 41 100
 42 69.1 55.8 83.8



#10
 Heptane
 Concen: 9.363 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.006 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

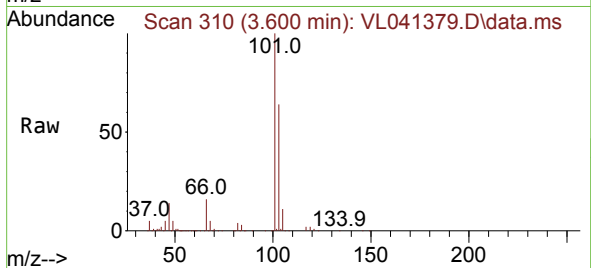
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 Ion Ratio Lower Upper
 43 100
 57 49.9 40.3 60.5



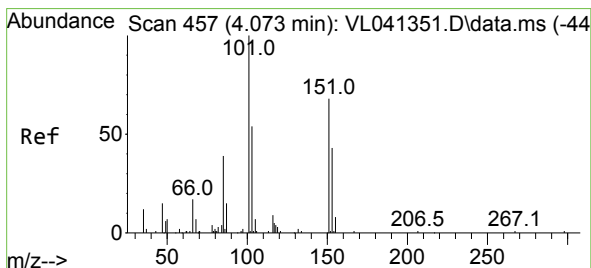
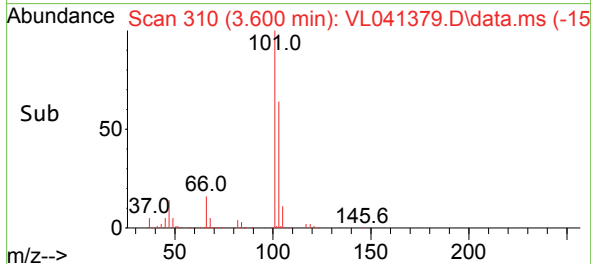
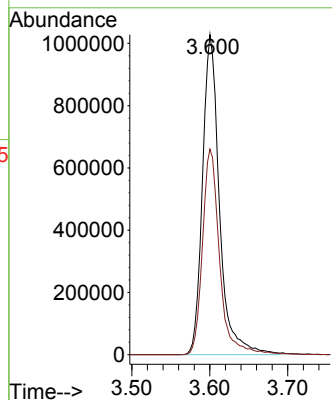


#11
Trichlorofluoromethane
Concen: 9.307 ppbv
RT: 3.600 min Scan# 310
Delta R.T. 0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Instrument :
MSVOA_L
ClientSampleId :

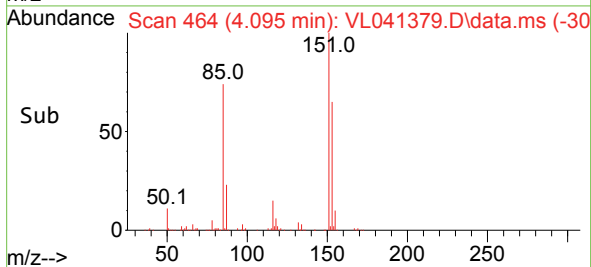
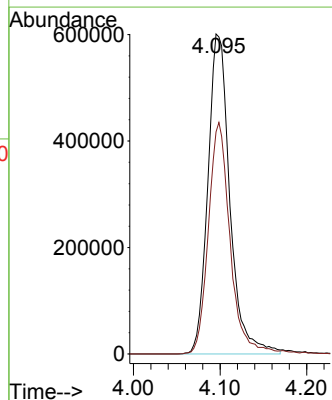
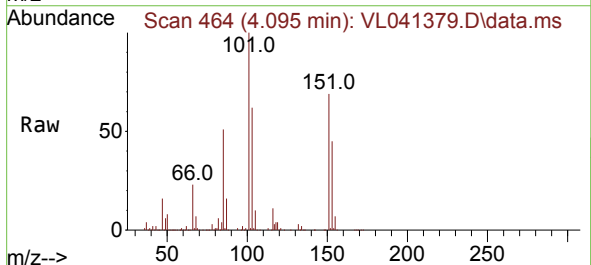


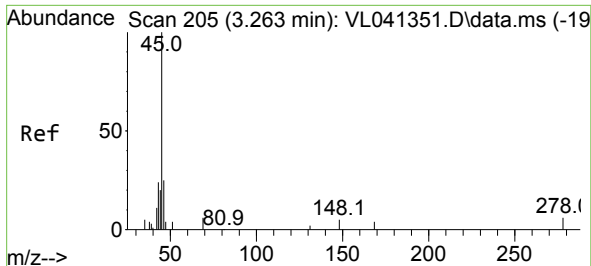
Tgt Ion:101 Resp: 1553347
Ion Ratio Lower Upper
101 100
103 64.2 50.5 75.7



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.075 ppbv
RT: 4.095 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion:101 Resp: 1061490
Ion Ratio Lower Upper
101 100
151 71.9 57.0 85.6

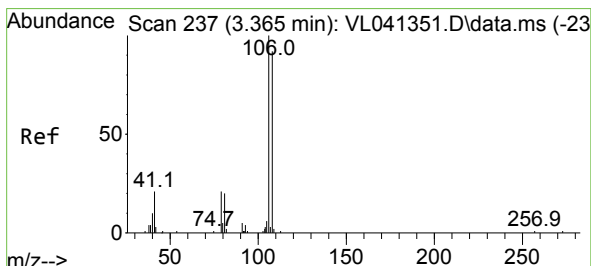
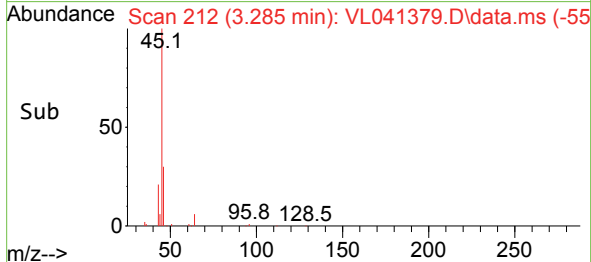
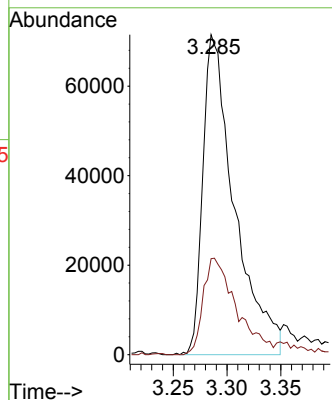
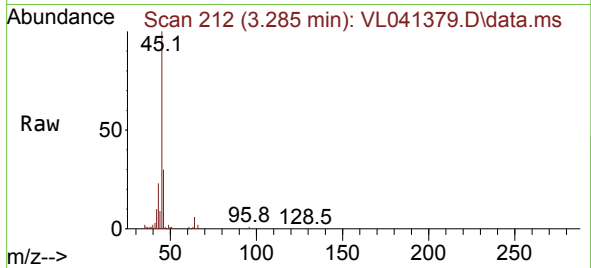




#13
Ethanol
Concen: 10.957 ppbv
RT: 3.285 min Scan# 212
Delta R.T. 0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

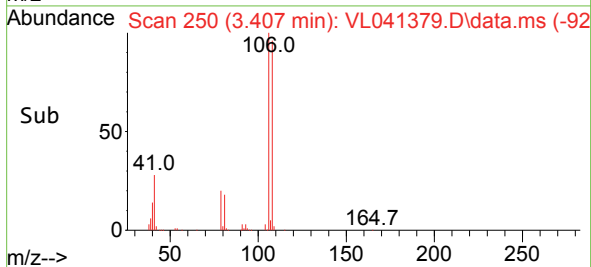
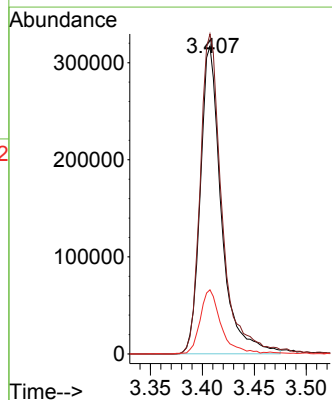
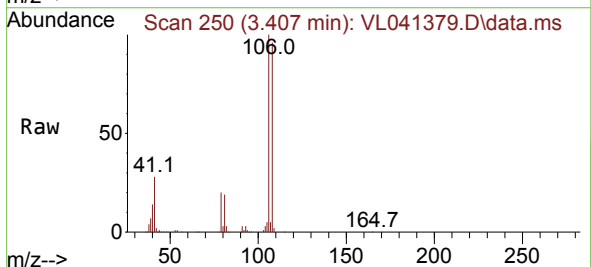
Instrument :
MSVOA_L
ClientSampleId :

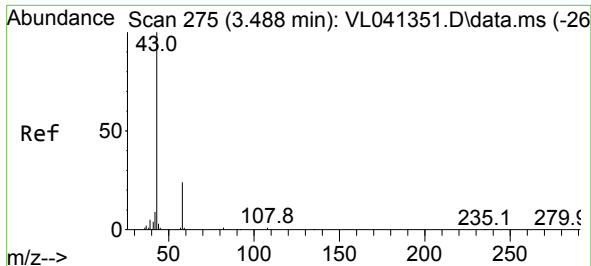
Tgt Ion: 45 Resp: 145733
Ion Ratio Lower Upper
45 100
46 35.3 13.3 53.3



#14
Bromoethene
Concen: 9.490 ppbv
RT: 3.407 min Scan# 250
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion:108 Resp: 445295
Ion Ratio Lower Upper
108 100
106 109.5 85.5 128.3
79 21.5 16.3 24.5

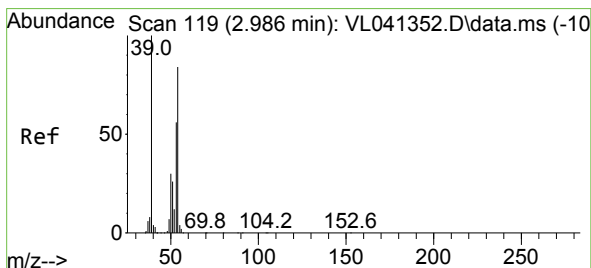
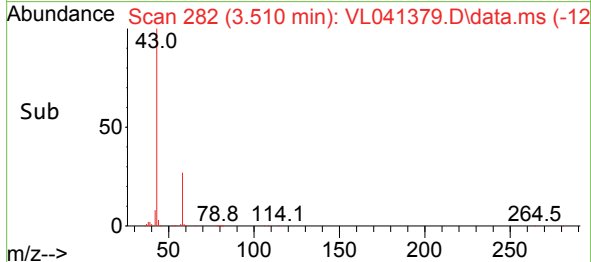
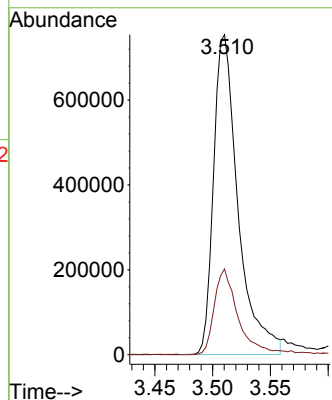
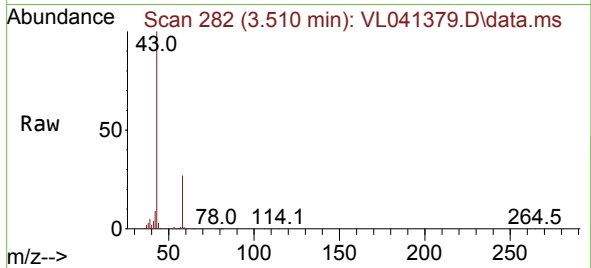




#15
Acetone
Concen: 8.377 ppbv
RT: 3.510 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

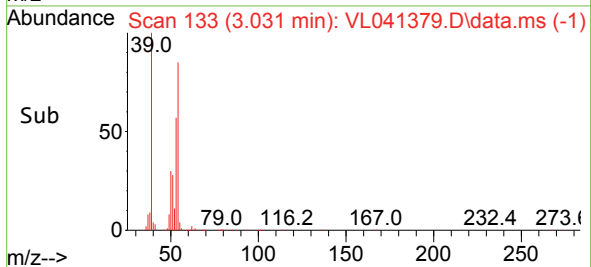
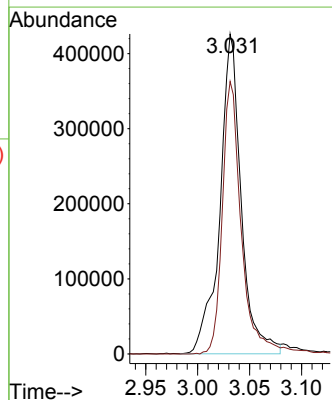
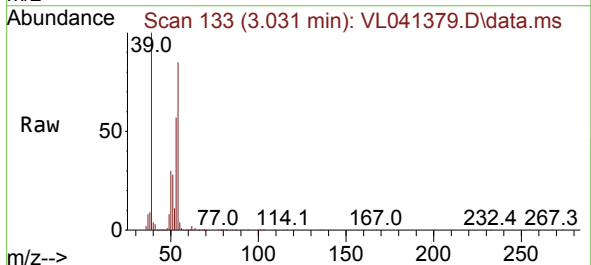
Instrument :
MSVOA_L
ClientSampleId :

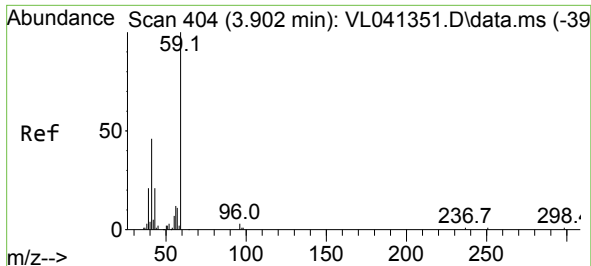
Tgt Ion: 43 Resp: 1111693
Ion Ratio Lower Upper
43 100
58 27.0 20.3 30.5



#16
1,3-Butadiene
Concen: 9.659 ppbv
RT: 3.031 min Scan# 133
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 39 Resp: 610089
Ion Ratio Lower Upper
39 100
54 77.0 60.5 90.7





#17

tert-Butyl alcohol

Concen: 10.702 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.000 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

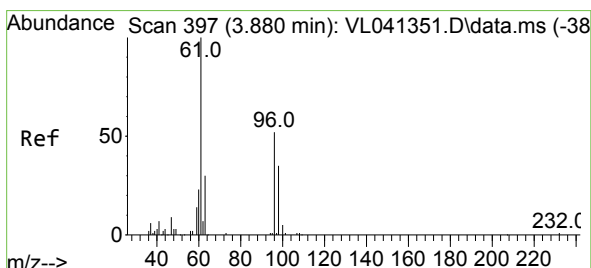
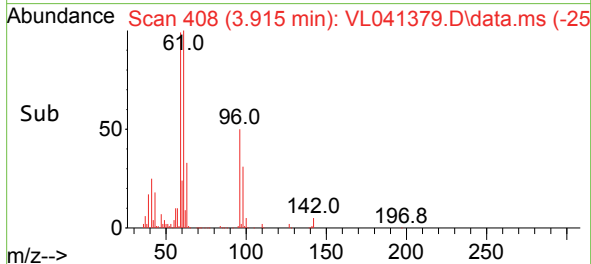
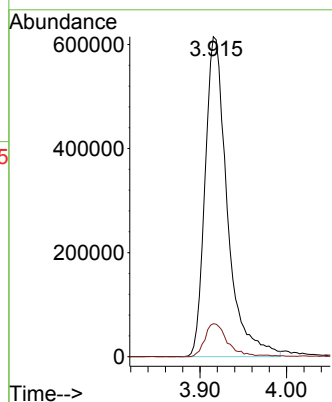
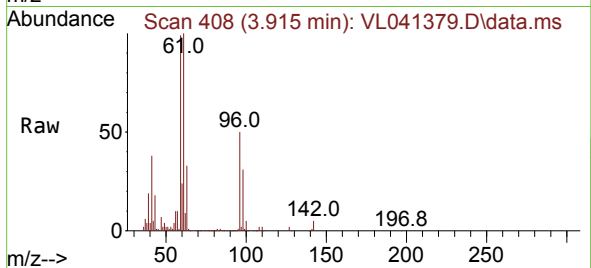
ClientSampleId :

Tgt Ion: 59 Resp: 1095693

Ion Ratio Lower Upper

59 100

57 10.8 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.205 ppbv

RT: 3.915 min Scan# 408

Delta R.T. 0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

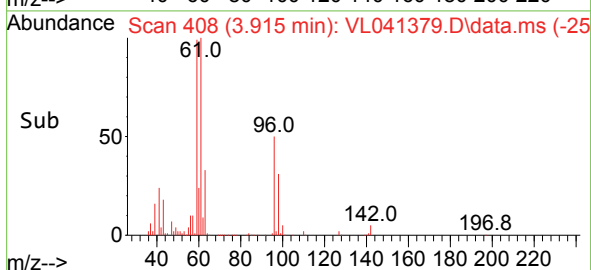
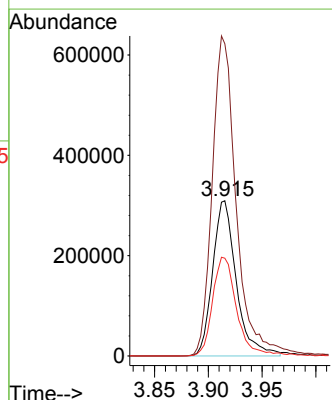
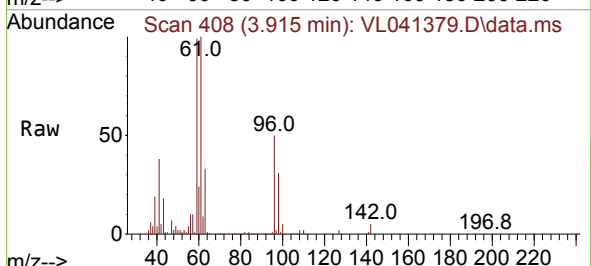
Tgt Ion: 96 Resp: 473351

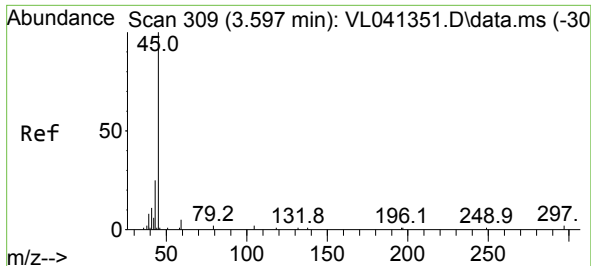
Ion Ratio Lower Upper

96 100

61 201.1 160.3 240.5

98 63.0 51.6 77.4

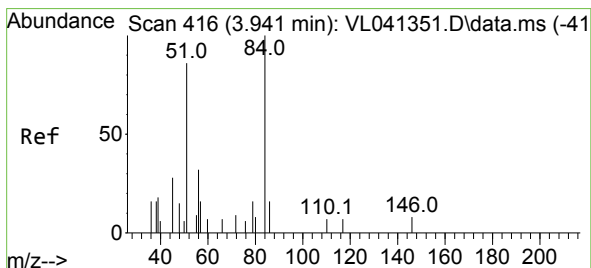
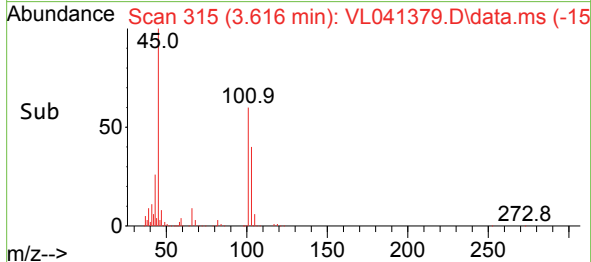
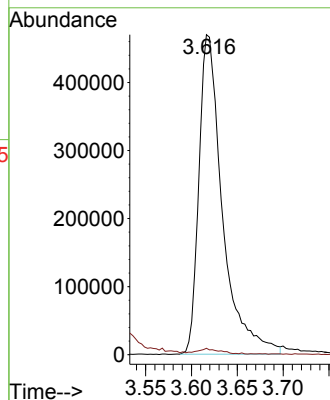
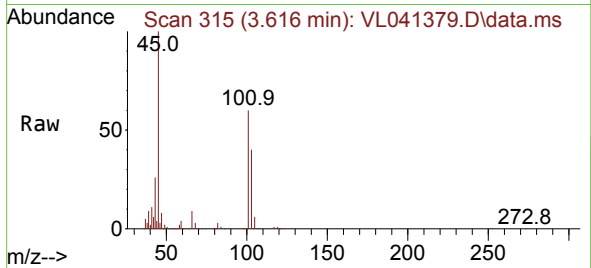




#19
Isopropyl Alcohol
Concen: 11.529 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

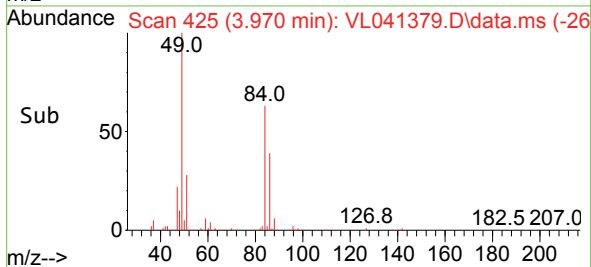
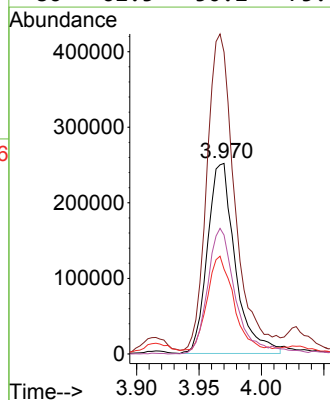
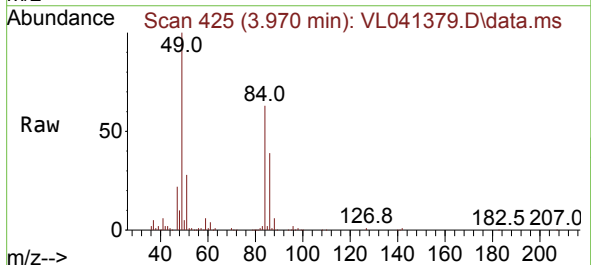
Instrument :
MSVOA_L
ClientSampleId :

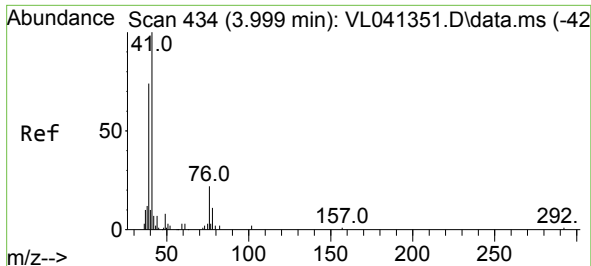
Tgt Ion: 45 Resp: 839960
Ion Ratio Lower Upper
45 100
58 1.8 1.6 2.4



#20
Methylene Chloride
Concen: 8.123 ppbv
RT: 3.970 min Scan# 425
Delta R.T. 0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 84 Resp: 391178
Ion Ratio Lower Upper
84 100
49 156.9 131.8 197.6
51 42.8 39.6 59.4
86 62.5 50.2 75.4





#21

Allyl Chloride

Concen: 8.551 ppbv

RT: 4.028 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

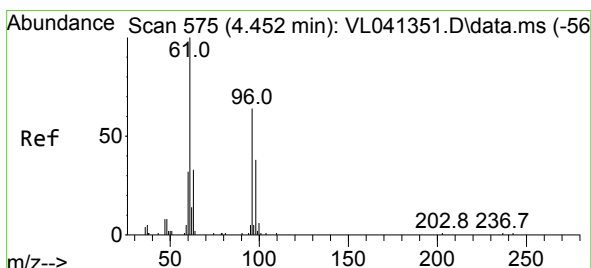
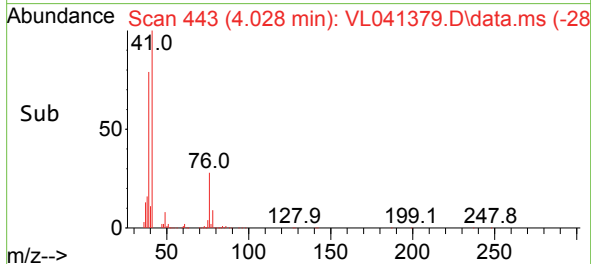
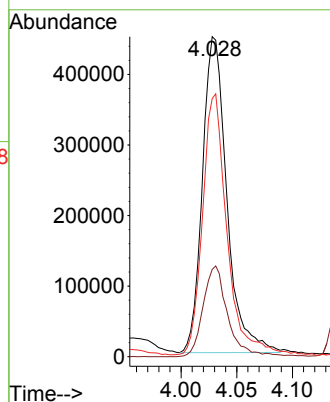
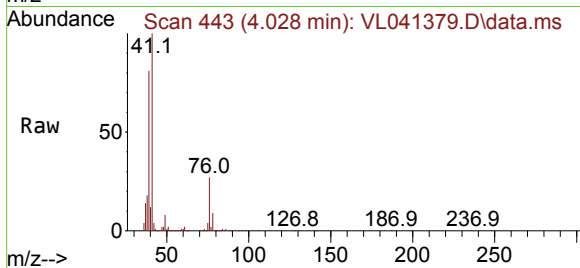
Tgt Ion: 41 Resp: 684509

Ion Ratio Lower Upper

41 100

76 29.0 23.3 34.9

39 83.2 66.0 99.0



#22

trans-1,2-Dichloroethene

Concen: 9.148 ppbv

RT: 4.472 min Scan# 581

Delta R.T. 0.000 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

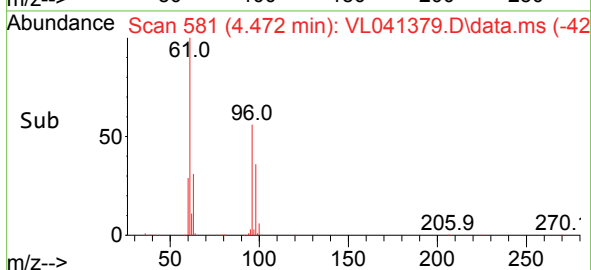
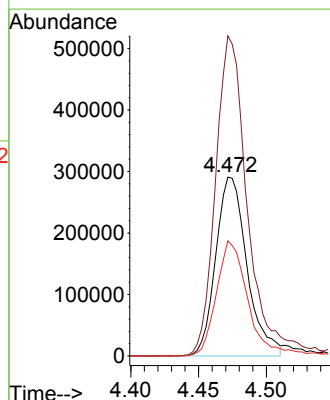
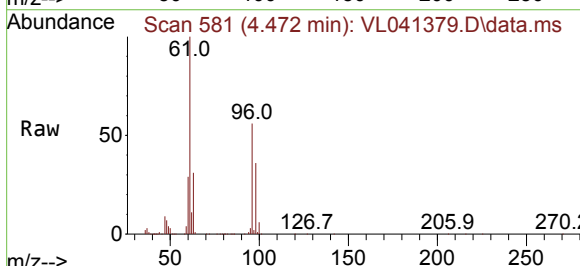
Tgt Ion: 96 Resp: 467230

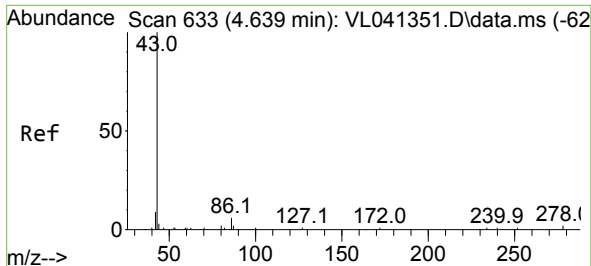
Ion Ratio Lower Upper

96 100

61 178.7 142.0 213.0

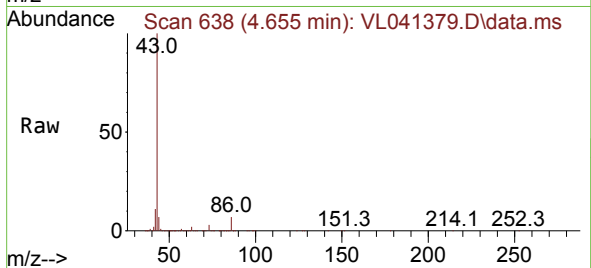
98 64.4 52.2 78.2





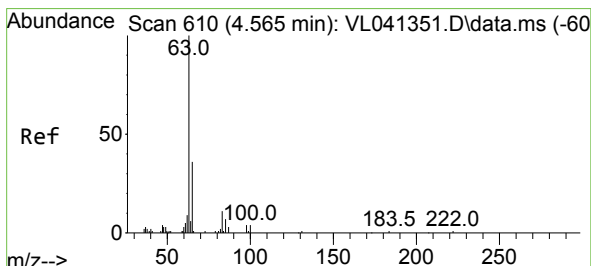
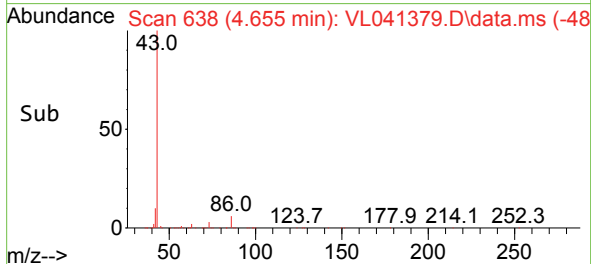
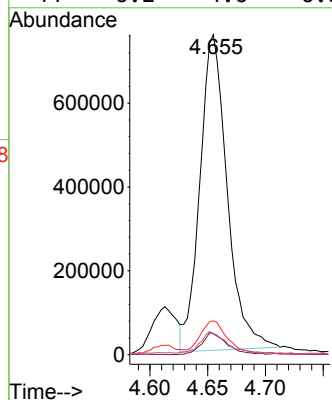
#23
 Vinyl Acetate
 Concen: 9.475 ppbv
 RT: 4.655 min Scan# 618
 Delta R.T. 0.003 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1239610

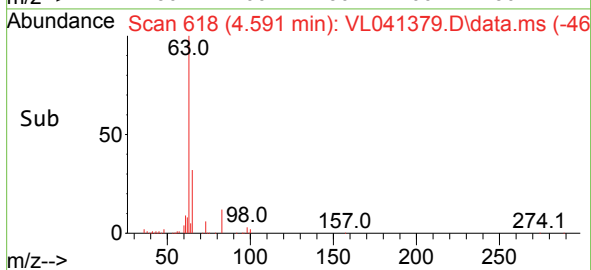
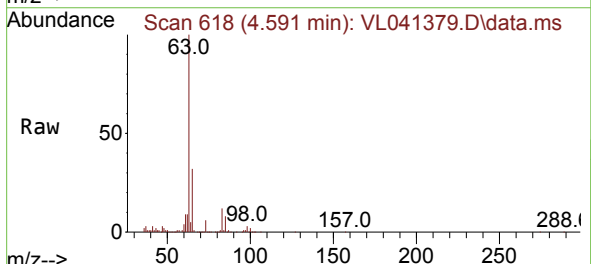
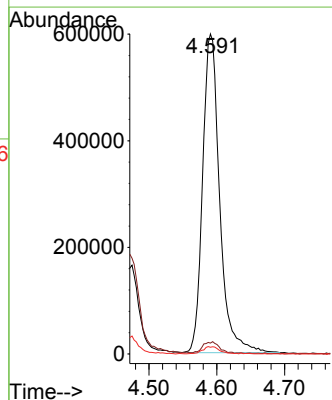
Ion	Ratio	Lower	Upper
43	100		
86	6.5	5.0	7.4
42	10.6	7.9	11.9
44	6.2	4.6	6.8

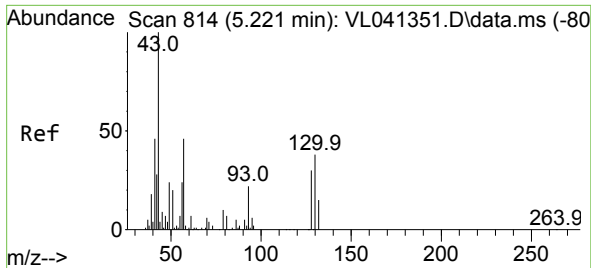


#24
 1,1-Dichloroethane
 Concen: 9.201 ppbv
 RT: 4.591 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

Tgt Ion: 63 Resp: 1043543

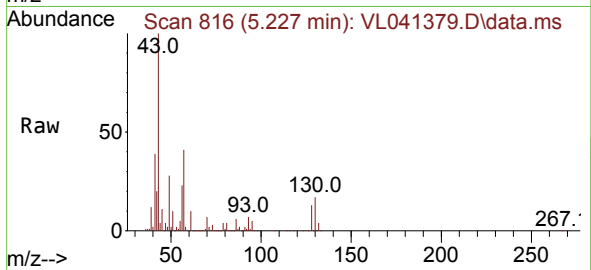
Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.8	5.4
100	2.0	1.1	3.3





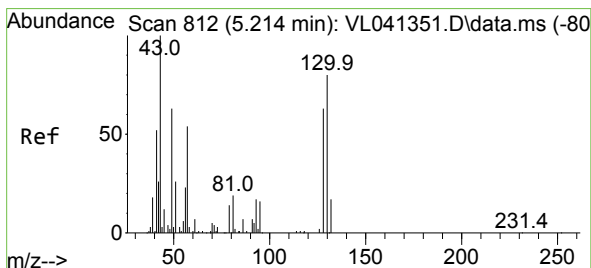
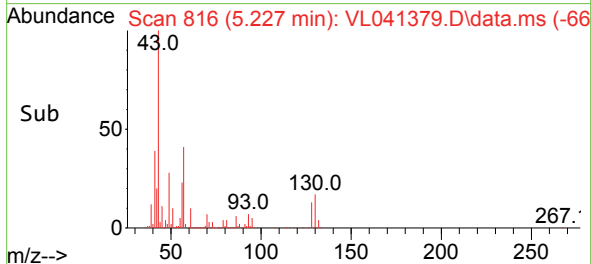
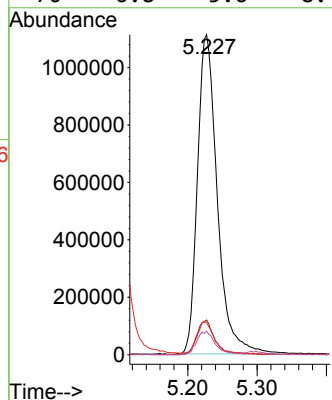
#25
Ethyl Acetate
Concen: 9.044 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2210142

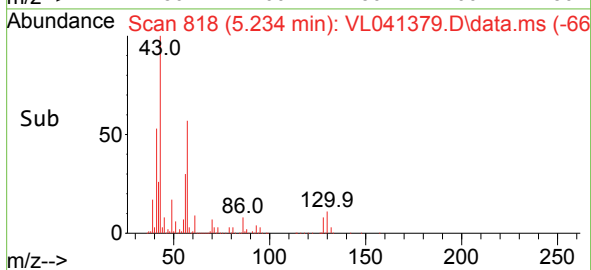
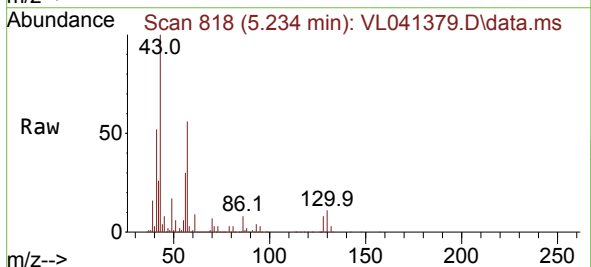
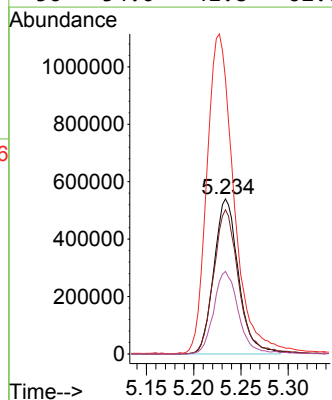
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.3	12.5
61	9.5	7.7	11.5
70	6.8	5.6	8.4

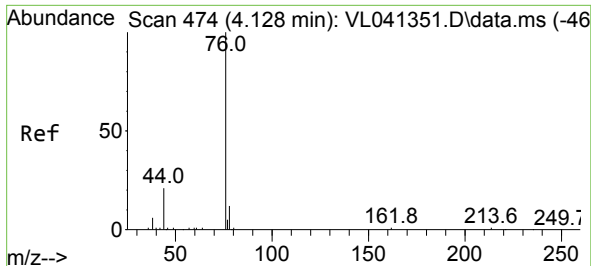


#26
Hexane
Concen: 9.018 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 57 Resp: 975819

Ion	Ratio	Lower	Upper
57	100		
41	95.8	73.7	110.5
43	229.7	182.2	273.2
56	54.0	41.8	62.6





#27

Carbon Disulfide

Concen: 9.394 ppbv

RT: 4.156 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

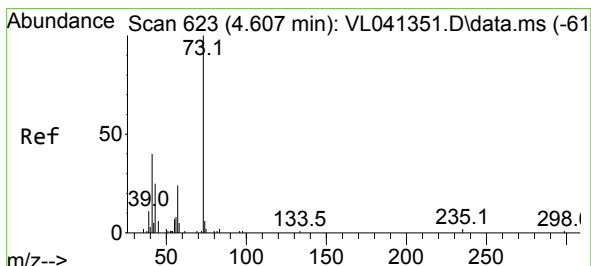
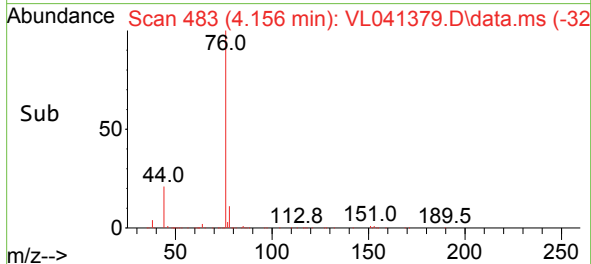
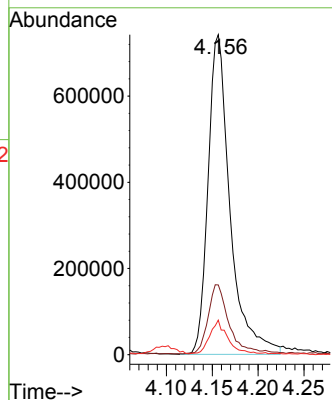
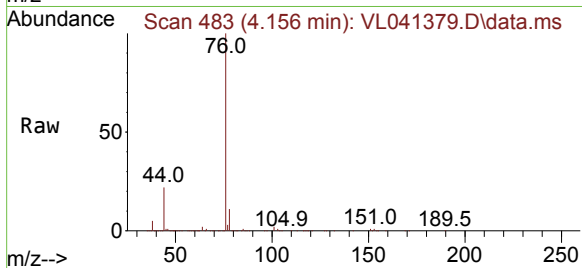
Tgt Ion: 76 Resp: 1236801

Ion Ratio Lower Upper

76 100

44 20.8 17.4 26.2

78 9.7 7.3 10.9



#28

Methyl tert-Butyl Ether

Concen: 9.116 ppbv

RT: 4.613 min Scan# 625

Delta R.T. 0.000 min

Lab File: VL041379.D

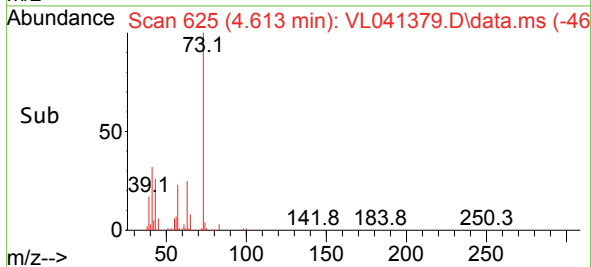
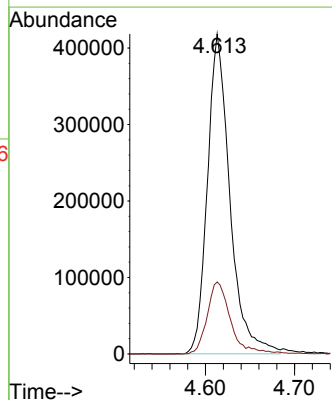
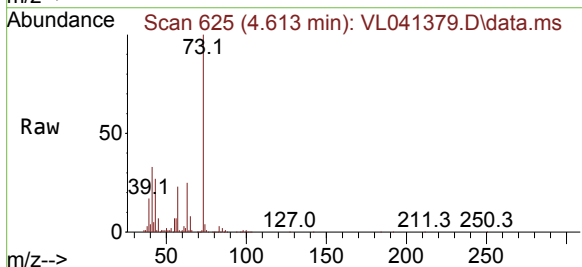
Acq: 1 Jul 2024 22:35

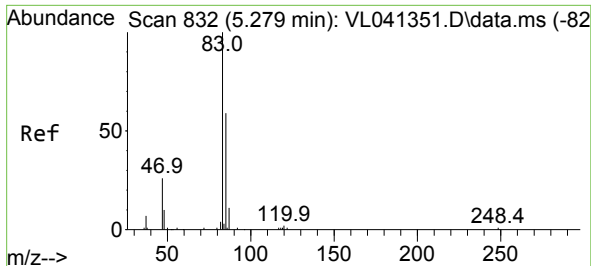
Tgt Ion: 73 Resp: 731628

Ion Ratio Lower Upper

73 100

57 23.8 19.9 29.9

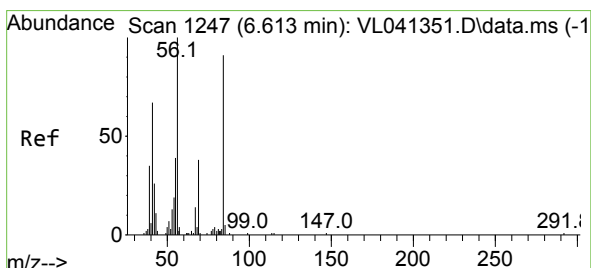
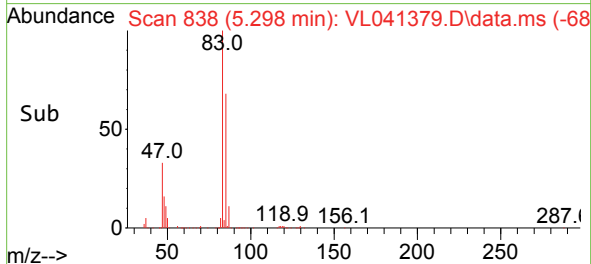
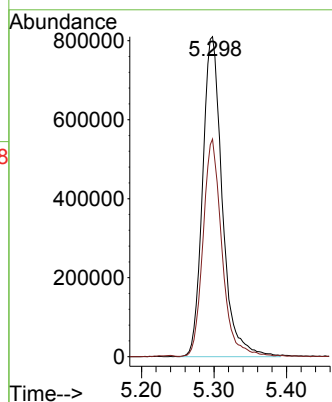
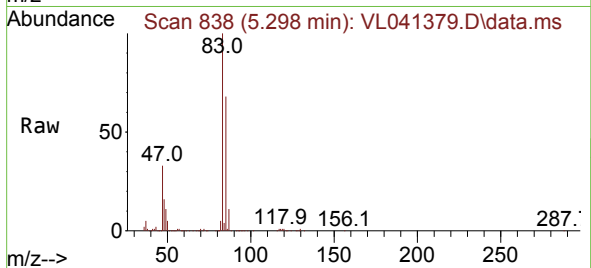




#29
Chloroform
Concen: 9.151 ppbv
RT: 5.298 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

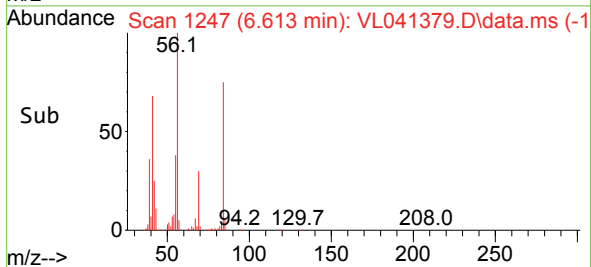
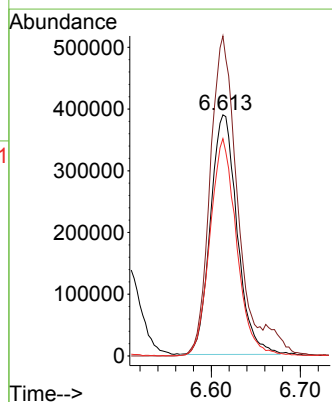
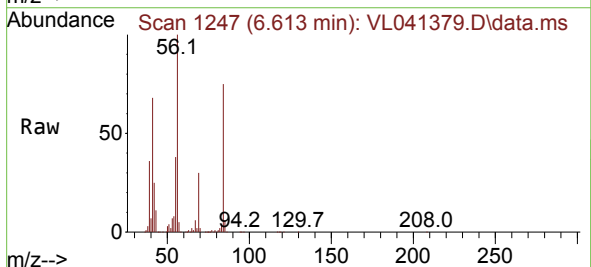
Instrument :
MSVOA_L
ClientSampleId :

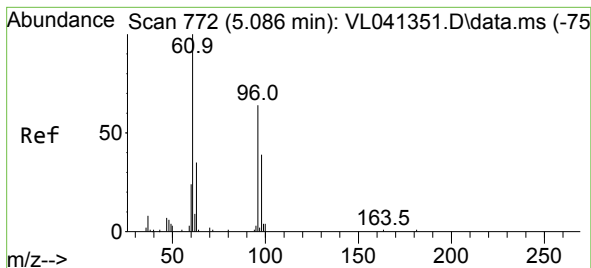
Tgt Ion: 83 Resp: 1527803
Ion Ratio Lower Upper
83 100
85 67.9 54.2 81.4



#30
Cyclohexane
Concen: 9.400 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 84 Resp: 810337
Ion Ratio Lower Upper
84 100
56 141.4 112.4 168.6
41 90.3 72.7 109.1





#31

cis-1,2-Dichloroethene

Concen: 9.250 ppbv

RT: 5.102 min Scan# 71

Delta R.T. 0.000 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

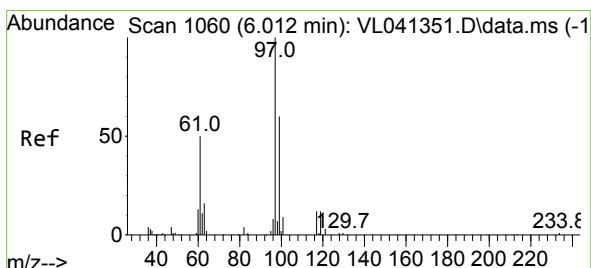
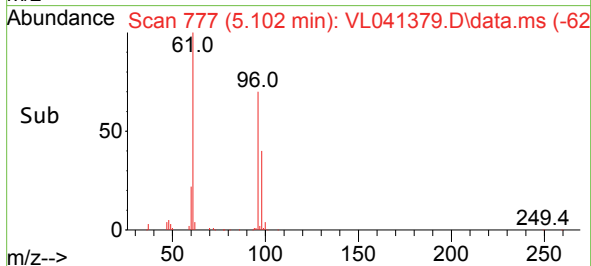
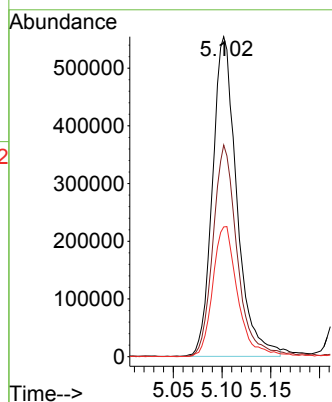
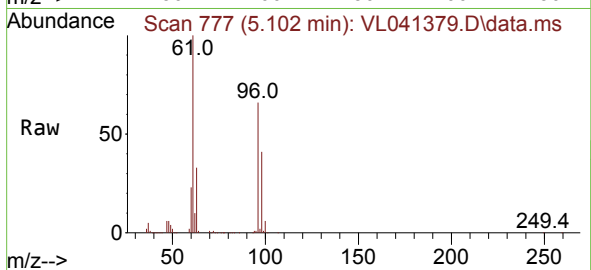
Tgt Ion: 61 Resp: 959563

Ion Ratio Lower Upper

61 100

96 66.1 52.6 79.0

98 40.6 32.3 48.5



#32

1,1,1-Trichloroethane

Concen: 8.598 ppbv

RT: 6.018 min Scan# 1062

Delta R.T. -0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

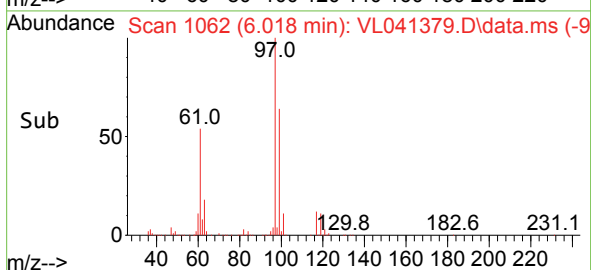
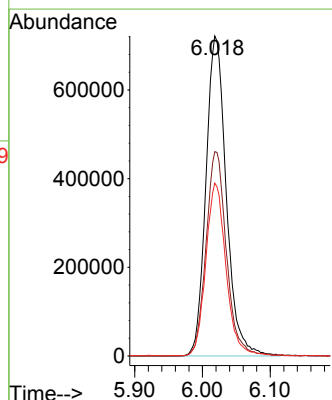
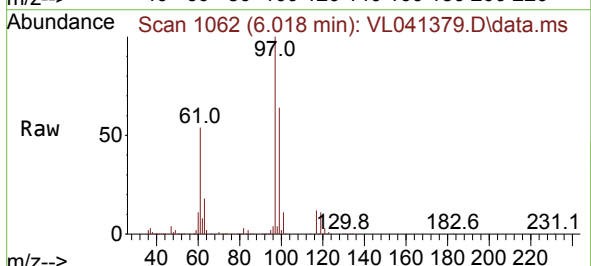
Tgt Ion: 97 Resp: 1506617

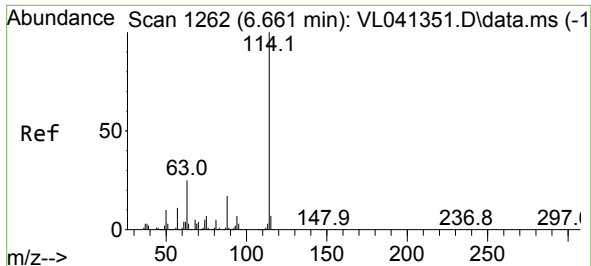
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 54.0 43.0 64.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

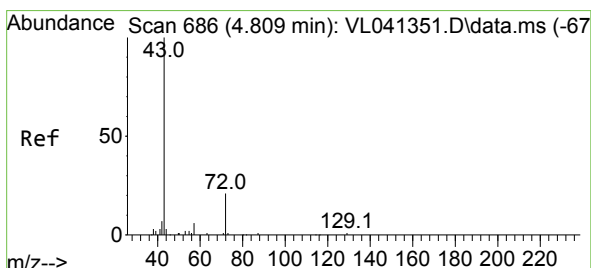
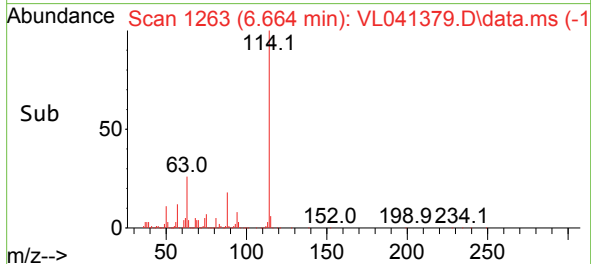
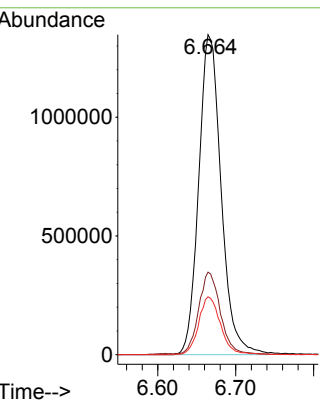
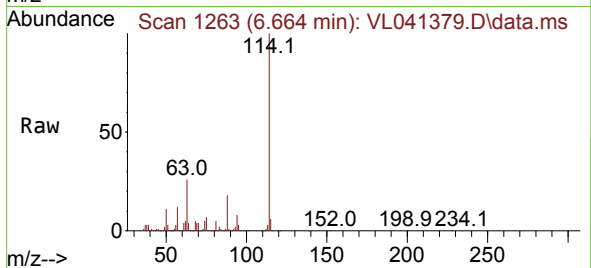
Tgt Ion:114 Resp: 2692688

Ion Ratio Lower Upper

114 100

63 25.4 20.6 31.0

88 17.7 14.6 21.8



#34

2-Butanone

Concen: 9.366 ppbv

RT: 4.812 min Scan# 687

Delta R.T. 0.000 min

Lab File: VL041379.D

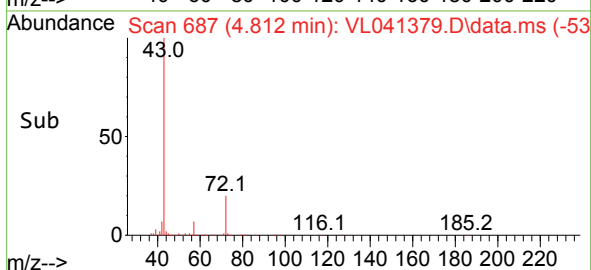
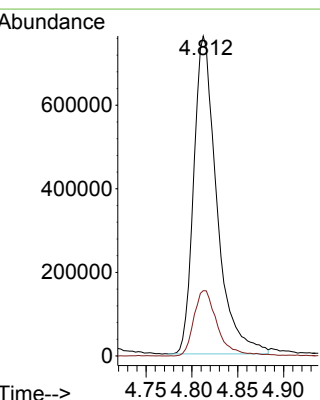
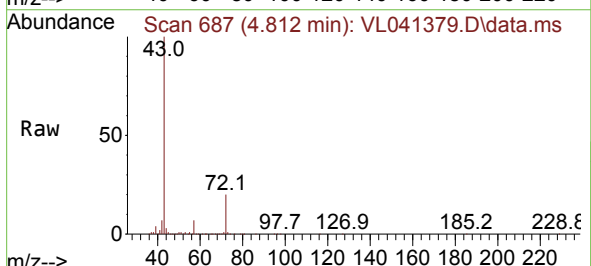
Acq: 1 Jul 2024 22:35

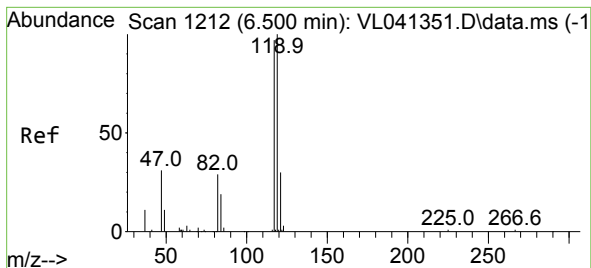
Tgt Ion: 43 Resp: 1330831

Ion Ratio Lower Upper

43 100

72 21.5 17.2 25.8





#35

Carbon Tetrachloride

Concen: 8.797 ppbv

RT: 6.507 min Scan# 117

Delta R.T. -0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

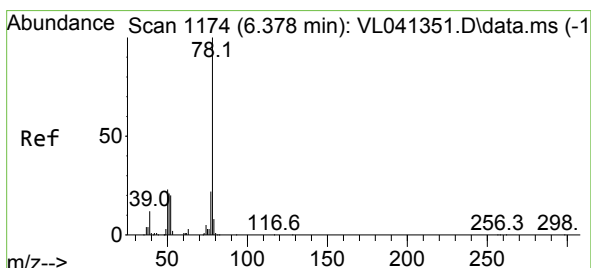
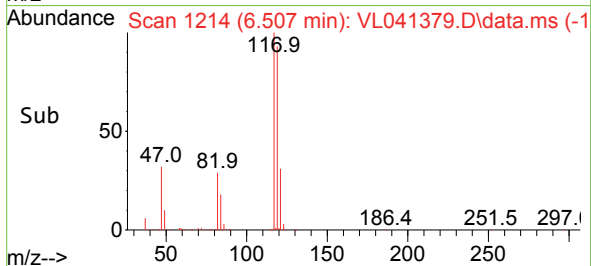
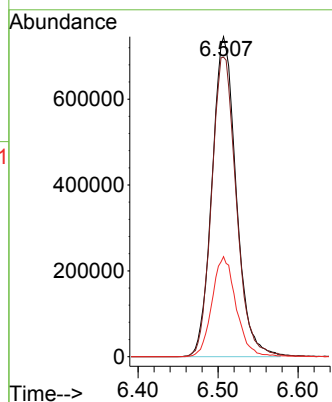
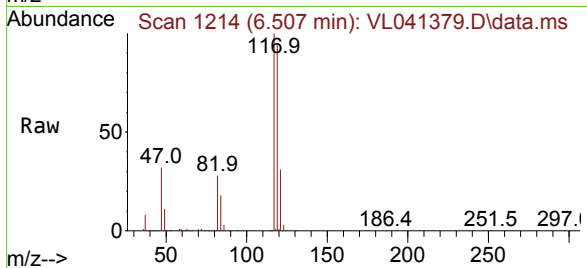
Tgt Ion:117 Resp: 1564349

Ion Ratio Lower Upper

117 100

119 93.5 77.2 115.8

121 31.2 25.2 37.8



#36

Benzene

Concen: 9.239 ppbv

RT: 6.385 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

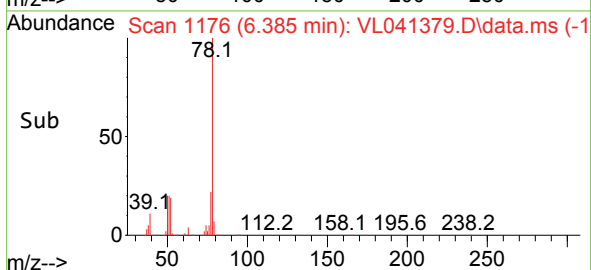
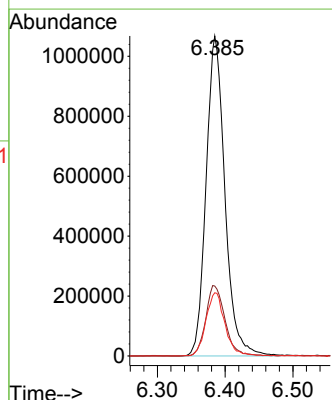
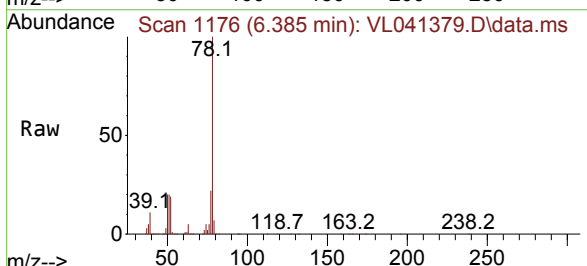
Tgt Ion: 78 Resp: 2058963

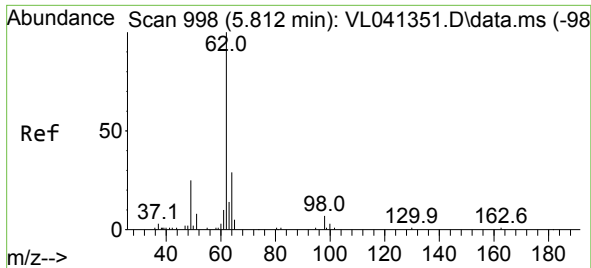
Ion Ratio Lower Upper

78 100

77 21.8 17.9 26.9

50 19.7 15.5 23.3

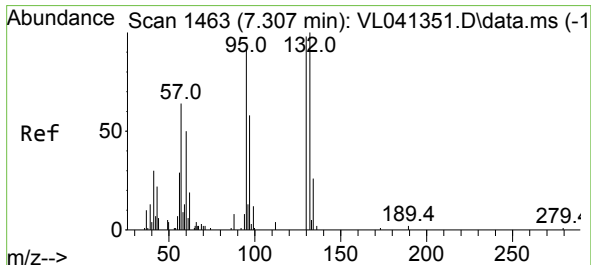
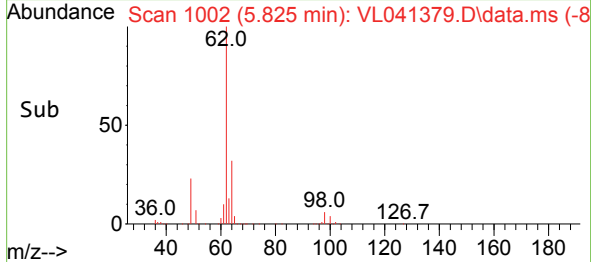
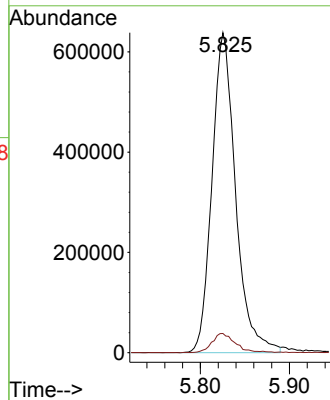
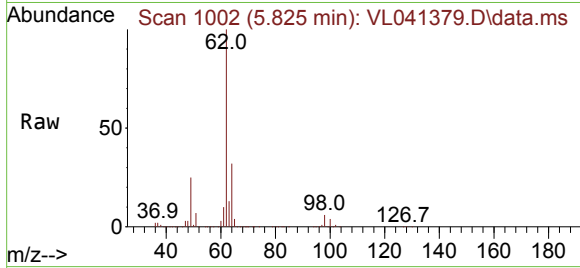




#37
1,2-Dichloroethane
Concen: 9.197 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

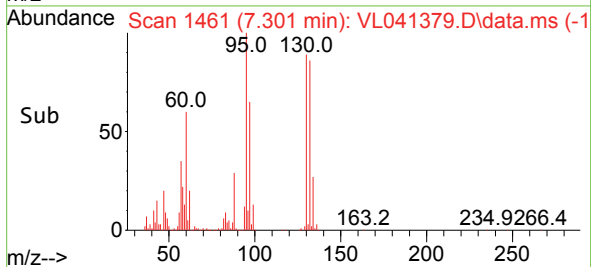
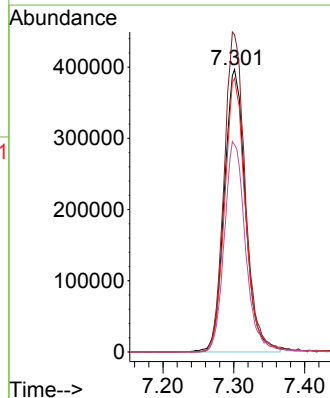
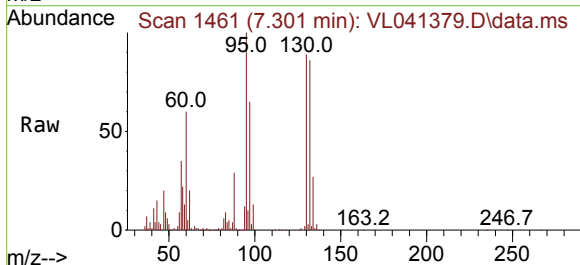
Instrument :
MSVOA_L
ClientSampleId :

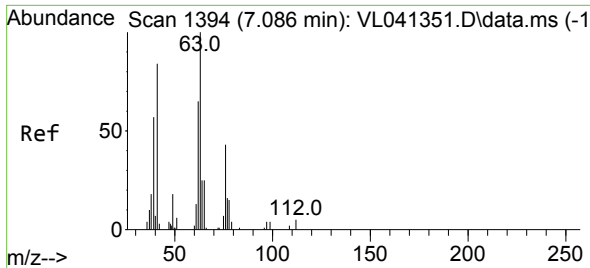
Tgt Ion: 62 Resp: 1175987
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2



#38
Trichloroethene
Concen: 8.466 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion:130 Resp: 821822
Ion Ratio Lower Upper
130 100
95 112.2 90.0 135.0
132 96.7 74.8 112.2
97 73.3 57.5 86.3

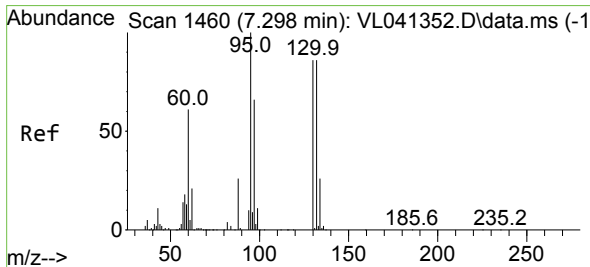
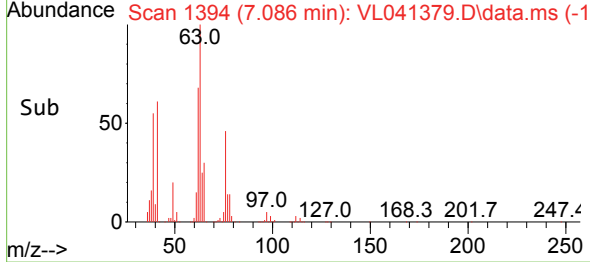
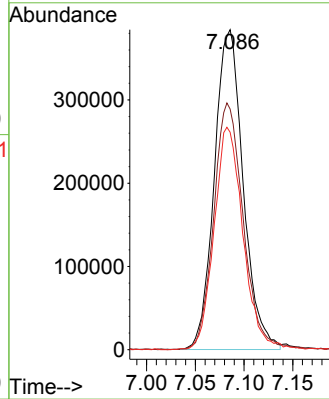
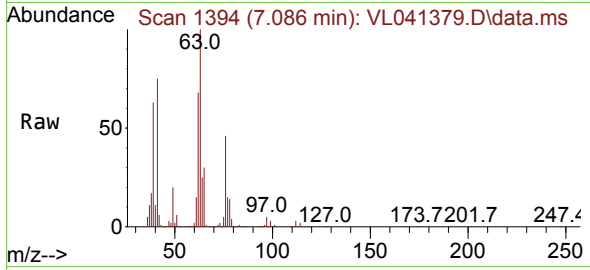




#39
1,2-Dichloropropane
Concen: 9.188 ppbv
RT: 7.086 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

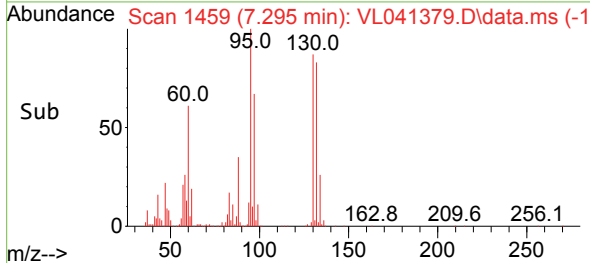
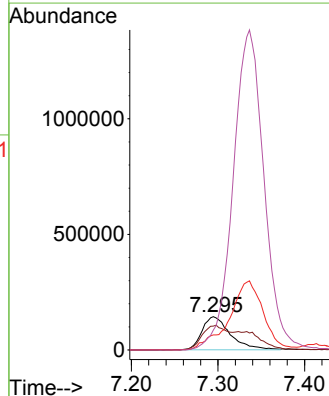
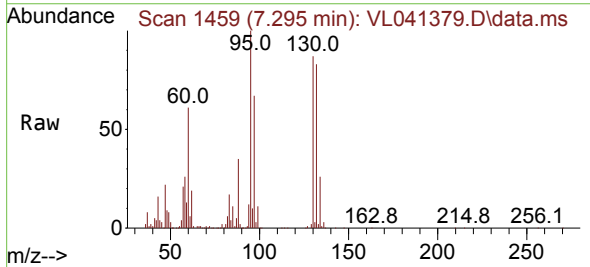
Instrument :
MSVOA_L
ClientSampleId :

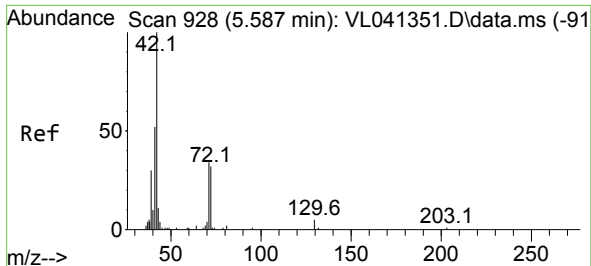
Tgt Ion: 63 Resp: 791232
Ion Ratio Lower Upper
63 100
41 75.0 64.0 96.0
62 67.7 55.2 82.8



#40
1,4-Dioxane
Concen: 11.778 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.010 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

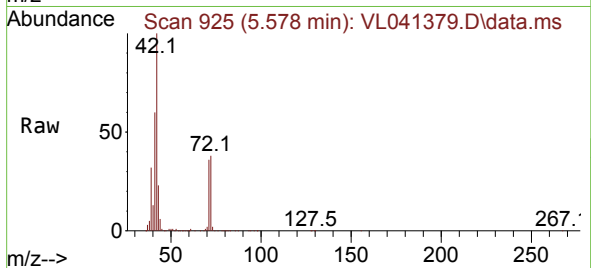
Tgt Ion: 88 Resp: 325196
Ion Ratio Lower Upper
88 100
58 123.2 47.9 71.9#
43 250.1 0.0 0.0#
57 1059.9 0.0 0.0#



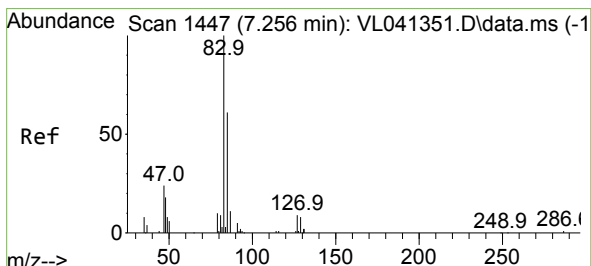
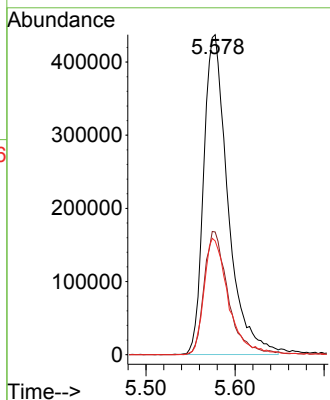
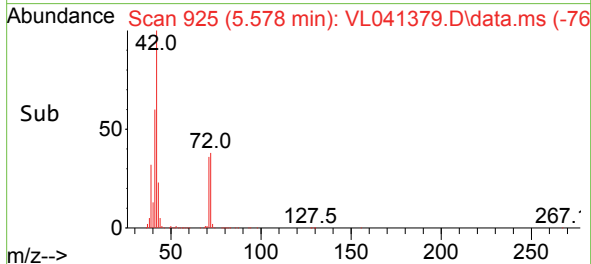


#41
Tetrahydrofuran
Concen: 9.374 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

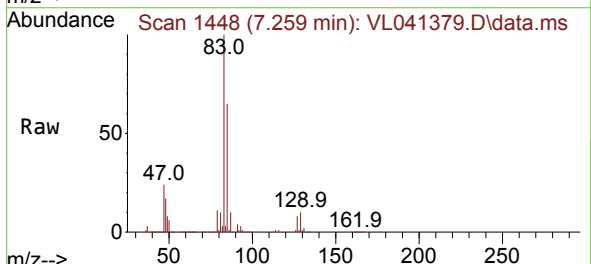
Instrument :
MSVOA_L
ClientSampleId :



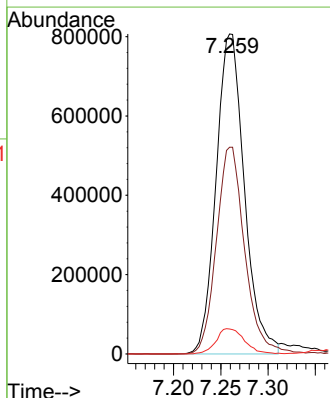
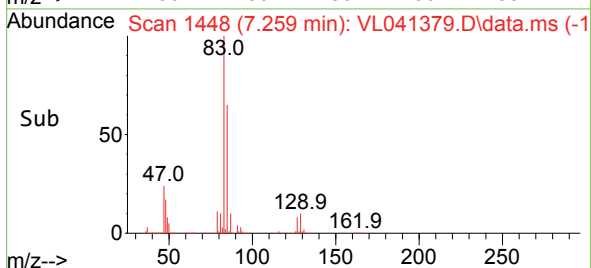
Tgt Ion: 42 Resp: 825071
Ion Ratio Lower Upper
42 100
72 38.7 30.3 45.5
71 37.2 29.7 44.5

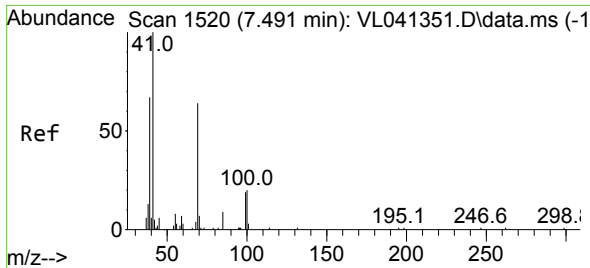


#42
Bromodichloromethane
Concen: 9.384 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35



Tgt Ion: 83 Resp: 1678836
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0
127 7.8 6.0 9.0

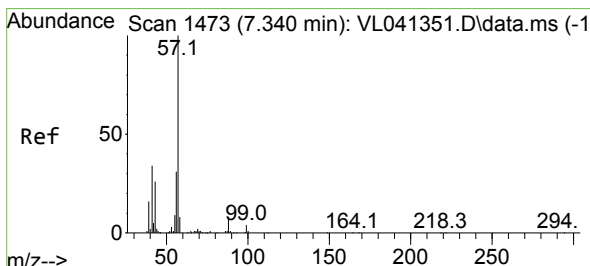
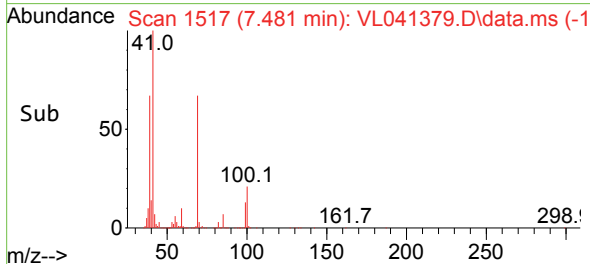
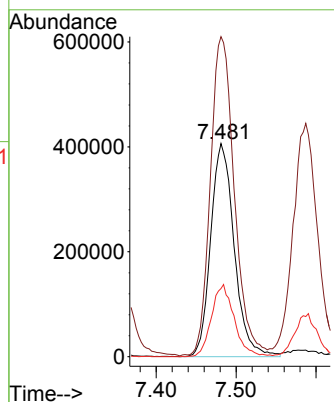
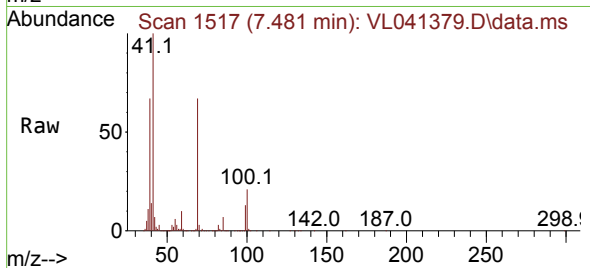




#43
Methyl Methacrylate
Concen: 9.929 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. -0.010 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

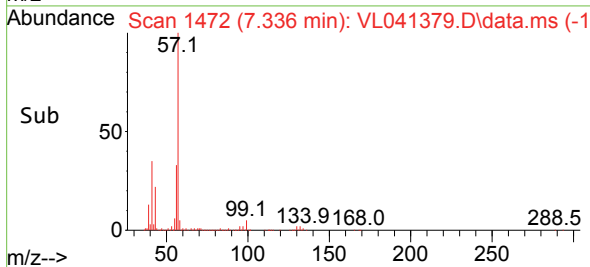
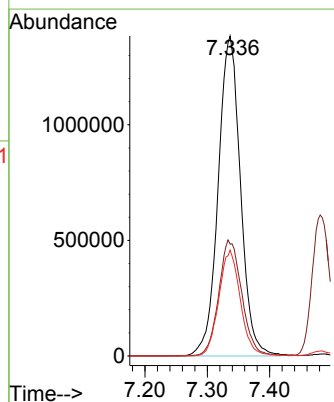
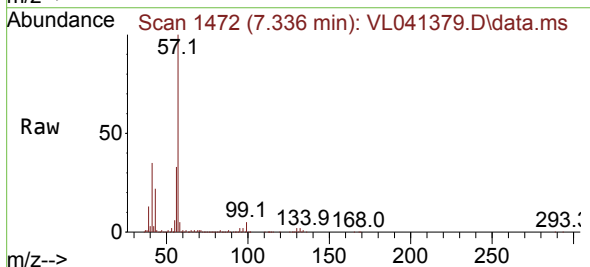
Instrument :
MSVOA_L
ClientSampleId :

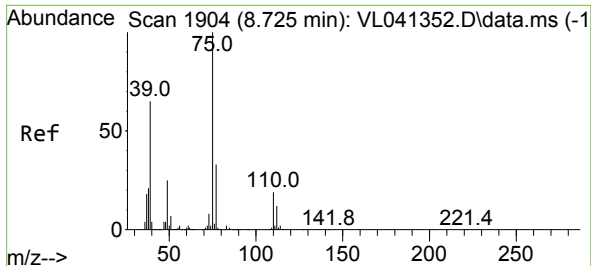
Tgt Ion: 69 Resp: 831330
Ion Ratio Lower Upper
69 100
41 152.5 125.0 187.6
100 32.7 26.8 40.2



#44
2,2,4-Trimethylpentane
Concen: 9.080 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 57 Resp: 3438881
Ion Ratio Lower Upper
57 100
41 37.5 29.6 44.4
56 31.9 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 7.157 ppbv

RT: 8.713 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

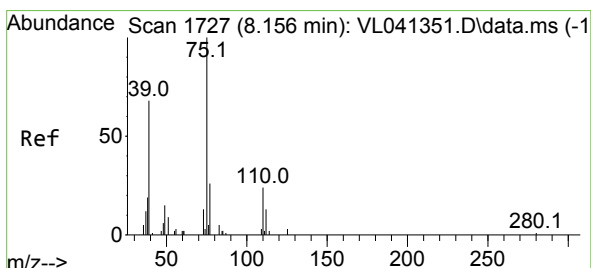
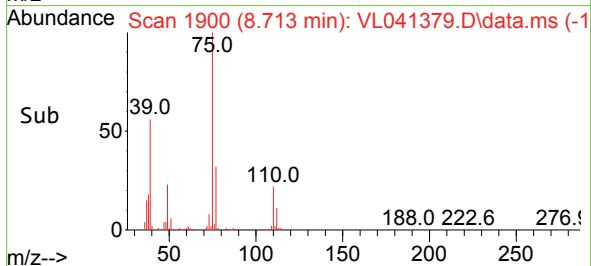
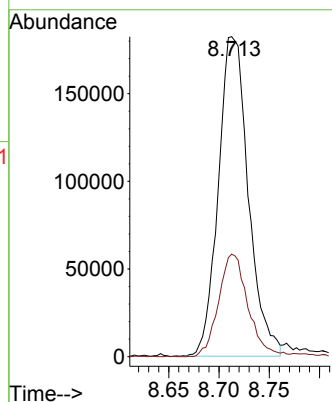
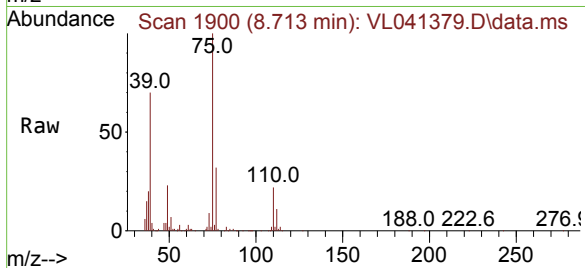
ClientSampleId :

Tgt Ion: 75 Resp: 379250

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2



#46

cis-1,3-Dichloropropene

Concen: 7.679 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

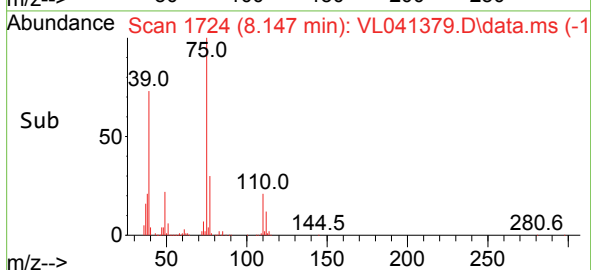
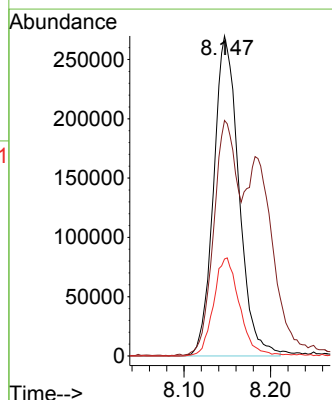
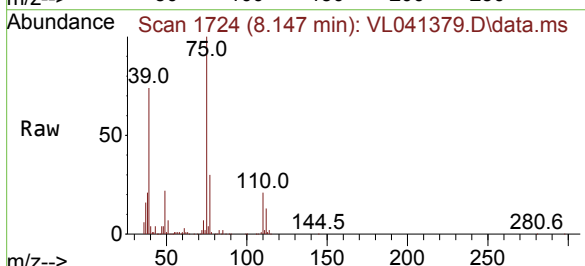
Tgt Ion: 75 Resp: 547148

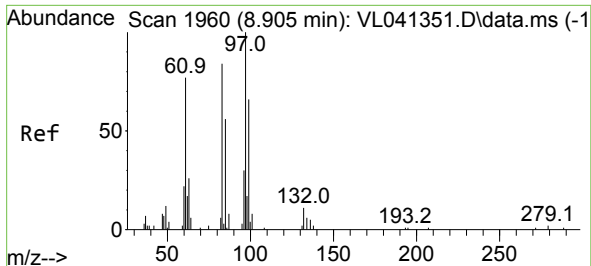
Ion Ratio Lower Upper

75 100

39 73.0 56.6 85.0

77 30.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.180 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 847928

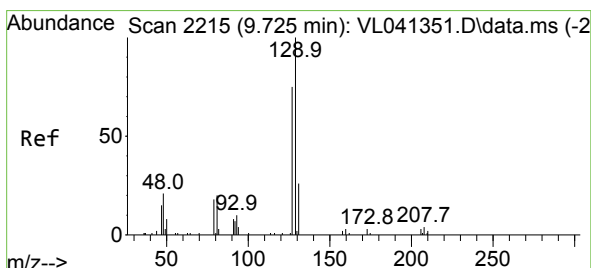
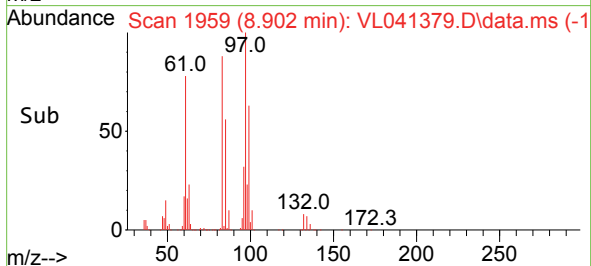
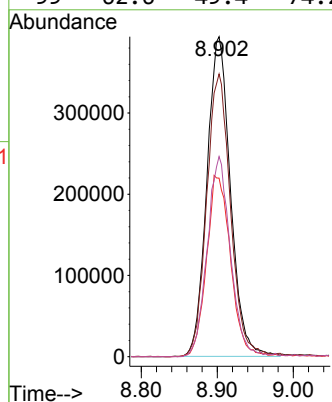
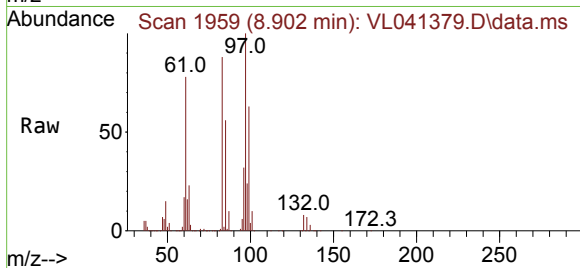
Ion Ratio Lower Upper

97 100

83 88.3 72.4 108.6

85 55.7 42.6 64.0

99 62.6 49.4 74.2



#48

Dibromochloromethane

Concen: 9.658 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VL041379.D

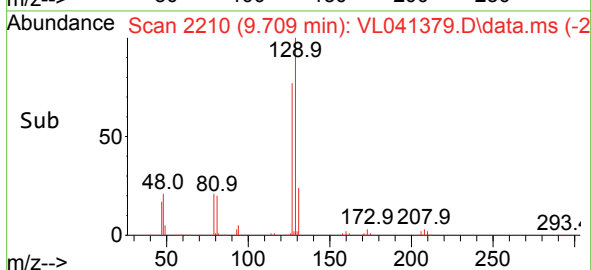
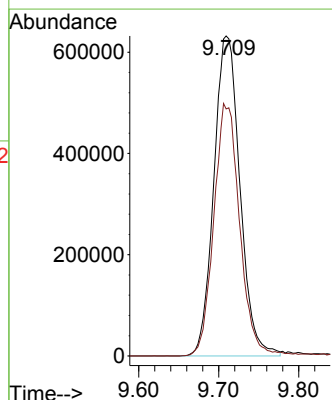
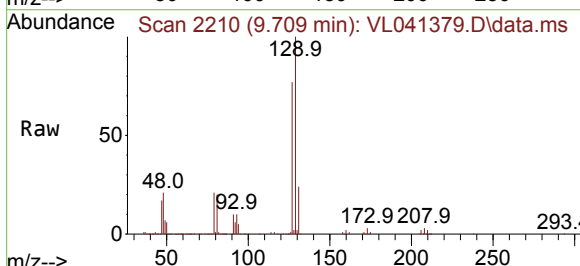
Acq: 1 Jul 2024 22:35

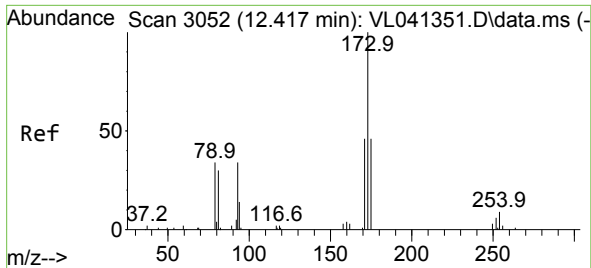
Tgt Ion: 129 Resp: 1432589

Ion Ratio Lower Upper

129 100

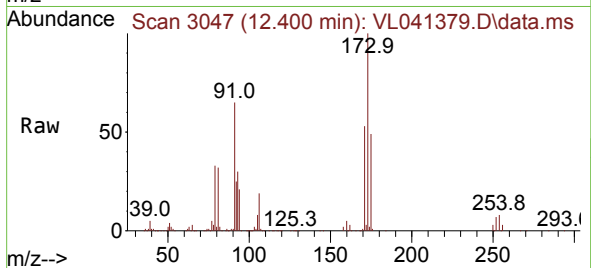
127 79.4 39.9 119.7





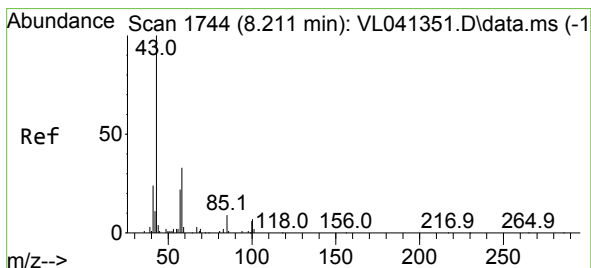
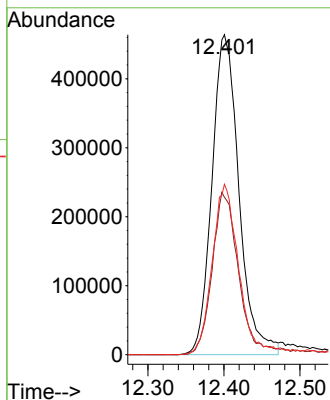
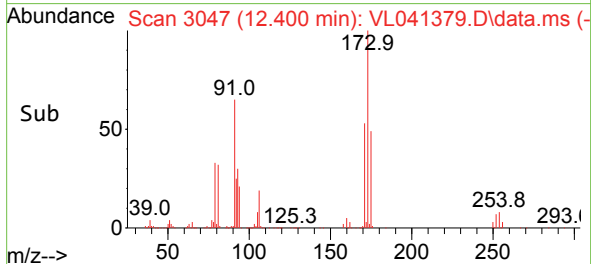
#49
Bromoform
Concen: 9.693 ppbv
RT: 12.400 min Scan# 3052
Delta R.T. -0.010 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1145007

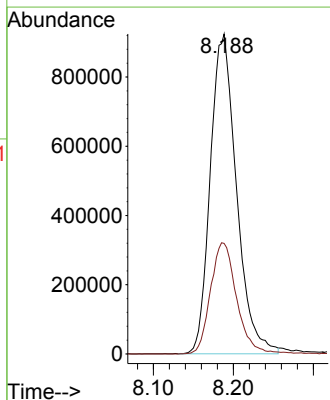
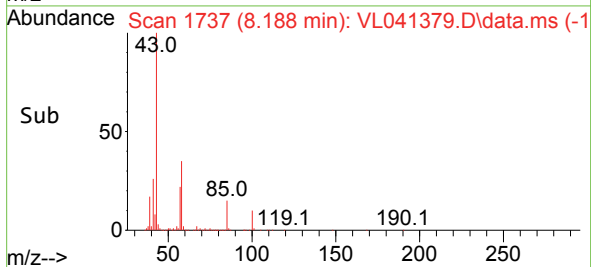
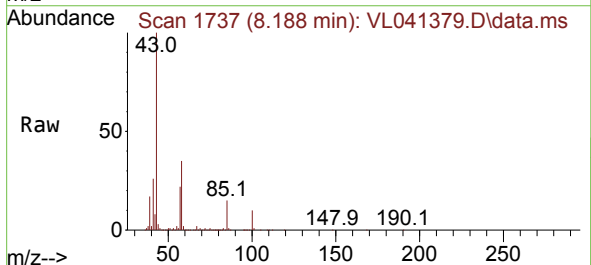
Ion	Ratio	Lower	Upper
173	100		
175	52.6	40.3	60.5
171	55.2	43.8	65.8

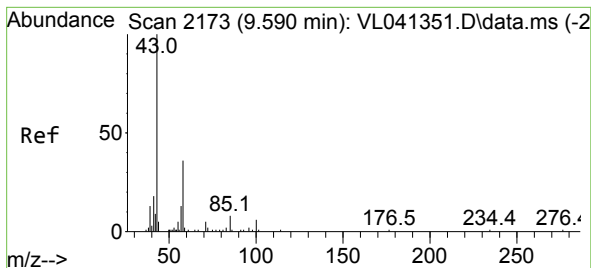


#50
4-Methyl-2-Pentanone
Concen: 9.215 ppbv
RT: 8.188 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 43 Resp: 2102612

Ion	Ratio	Lower	Upper
43	100		
58	35.2	27.8	41.8





#51

2-Hexanone

Concen: 9.011 ppbv

RT: 9.552 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

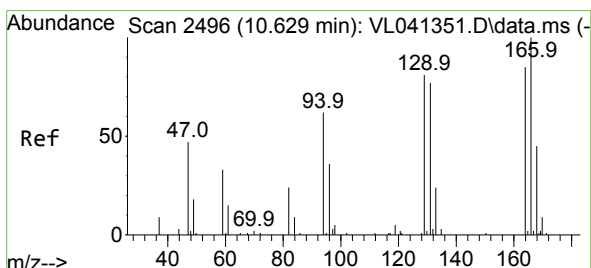
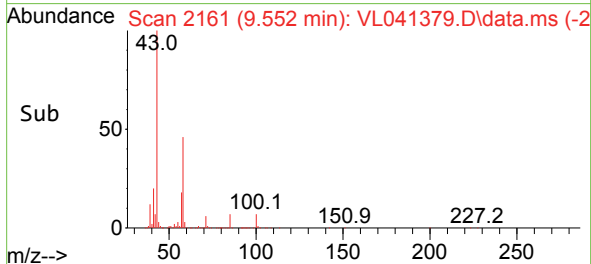
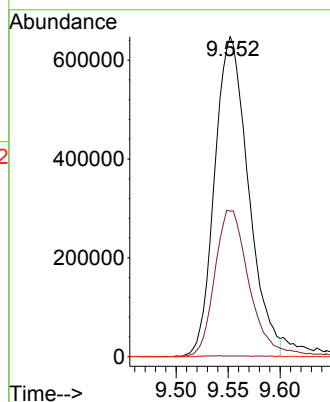
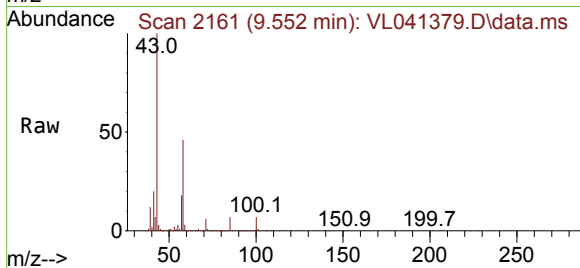
Tgt Ion: 43 Resp: 1461591

Ion Ratio Lower Upper

43 100

58 47.8 38.0 57.0

98 0.4 0.2 0.2#



#52

Tetrachloroethene

Concen: 8.248 ppbv

RT: 10.613 min Scan# 2491

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Tgt Ion:164 Resp: 738085

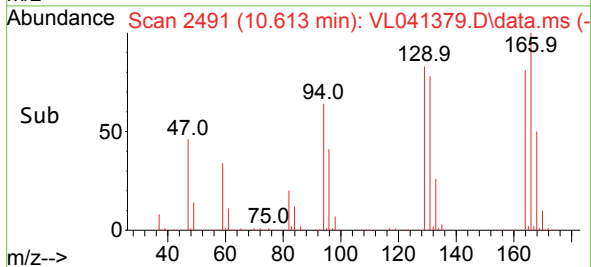
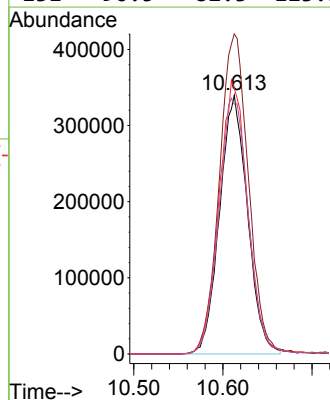
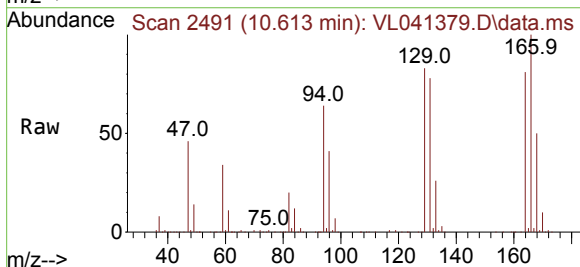
Ion Ratio Lower Upper

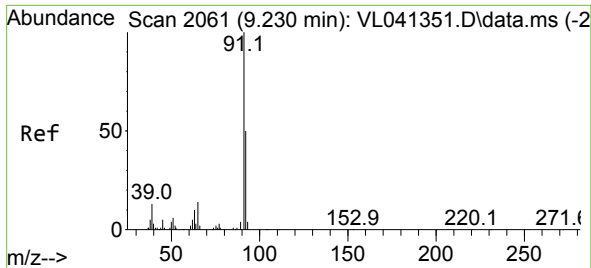
164 100

166 123.6 99.8 149.8

129 102.7 83.8 125.6

131 96.5 82.3 123.5

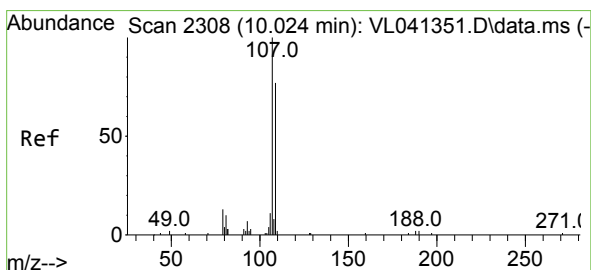
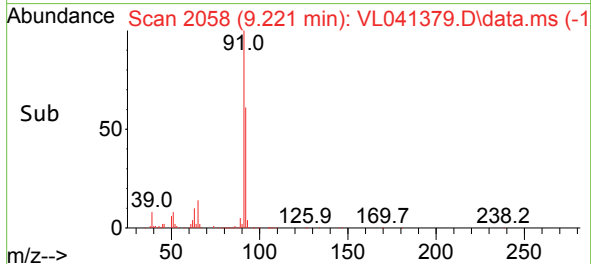
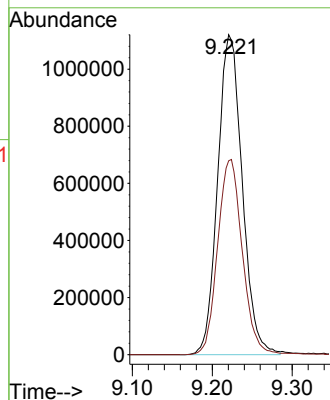
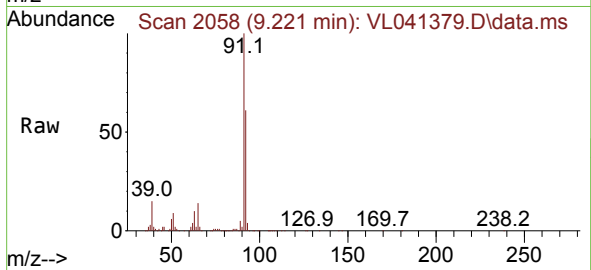




#53
Toluene
Concen: 9.498 ppbv
RT: 9.221 min Scan# 2061
Delta R.T. -0.006 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

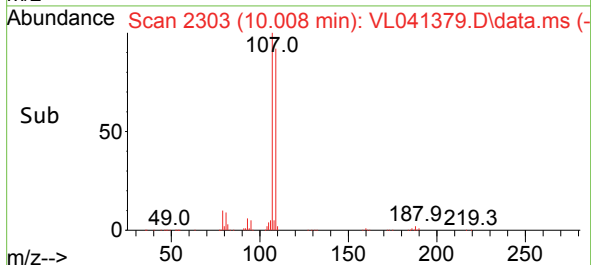
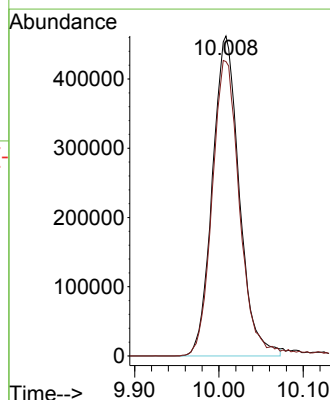
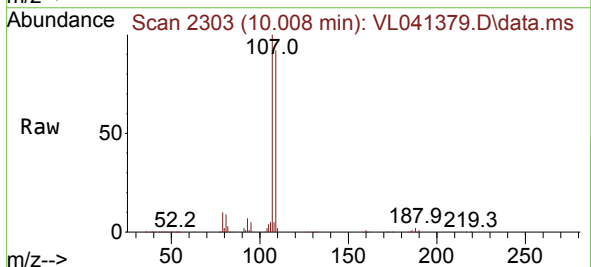
Instrument :
MSVOA_L
ClientSampleId :

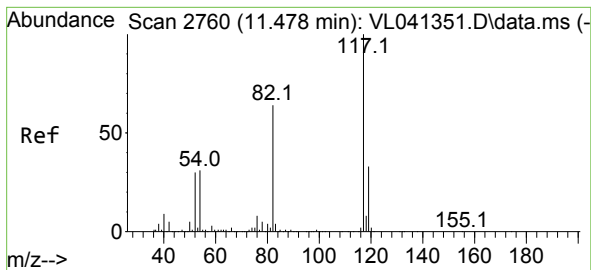
Tgt Ion: 91 Resp: 2387321
Ion Ratio Lower Upper
91 100
92 61.6 48.5 72.7



#54
1,2-Dibromoethane
Concen: 8.938 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.010 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion:107 Resp: 1021670
Ion Ratio Lower Upper
107 100
109 92.0 75.8 113.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

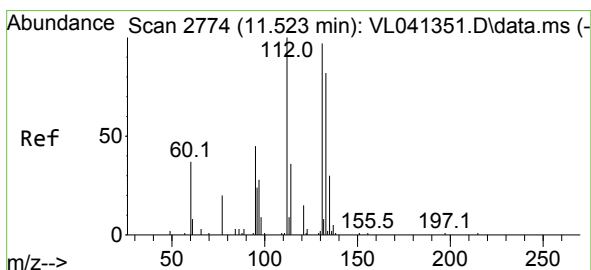
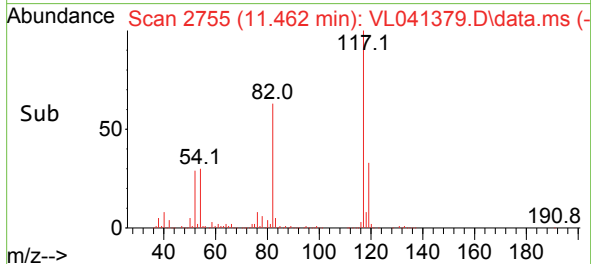
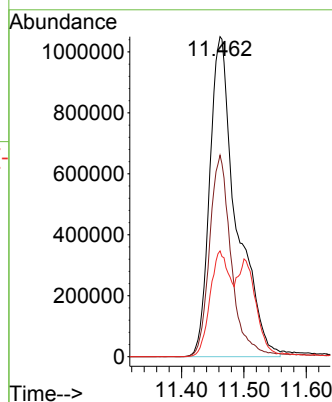
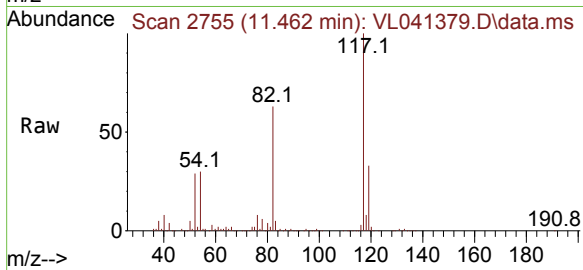
Tgt Ion:117 Resp: 3122040

Ion Ratio Lower Upper

117 100

82 52.3 50.6 75.8

119 24.0 24.7 37.1#



#56

1,1,1,2-Tetrachloroethane

Concen: 7.535 ppbv

RT: 11.503 min Scan# 2768

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

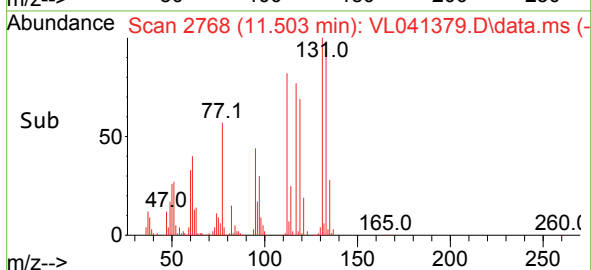
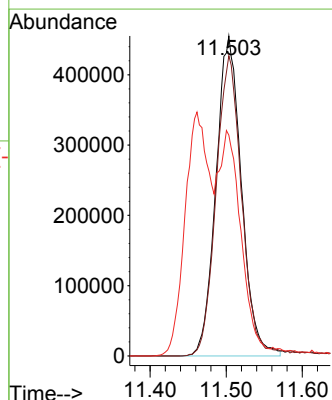
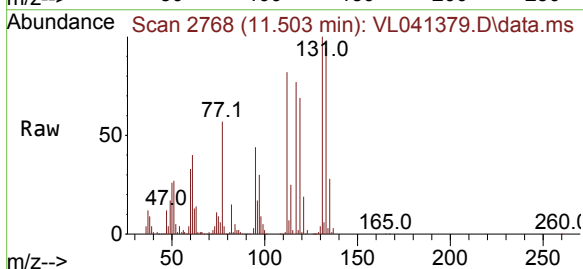
Tgt Ion:131 Resp: 1058568

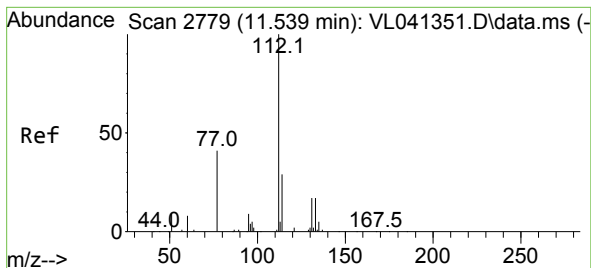
Ion Ratio Lower Upper

131 100

133 97.0 76.8 115.2

119 60.8 49.4 74.0





#57

Chlorobenzene

Concen: 7.443 ppbv

RT: 11.520 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

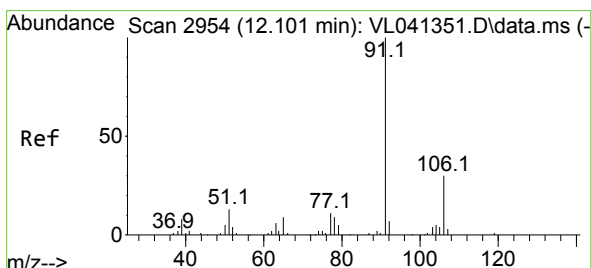
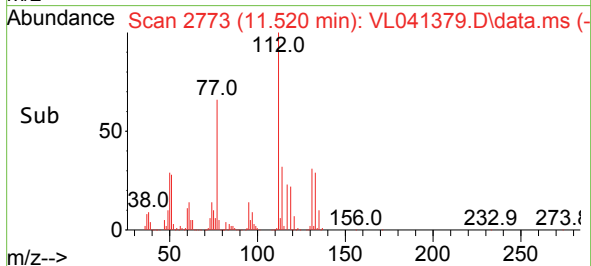
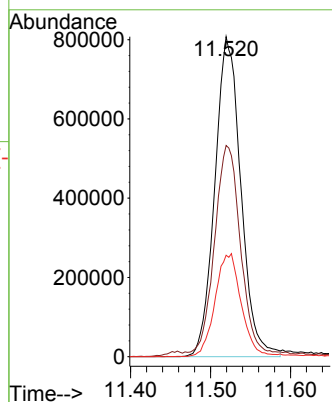
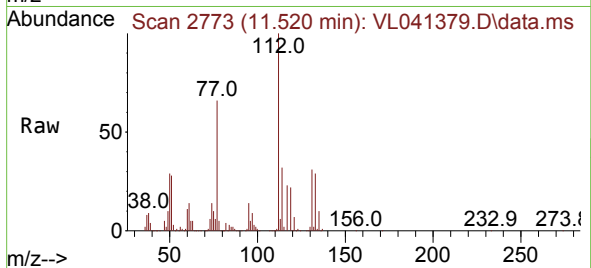
Tgt Ion:112 Resp: 1822824

Ion Ratio Lower Upper

112 100

77 64.6 53.2 79.8

114 31.6 30.1 36.7



#58

Ethyl Benzene

Concen: 7.764 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.010 min

Lab File: VL041379.D

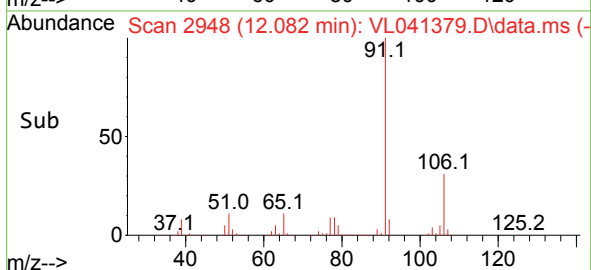
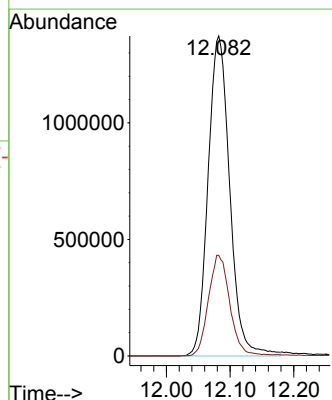
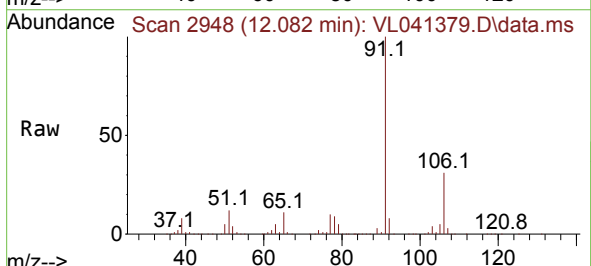
Acq: 1 Jul 2024 22:35

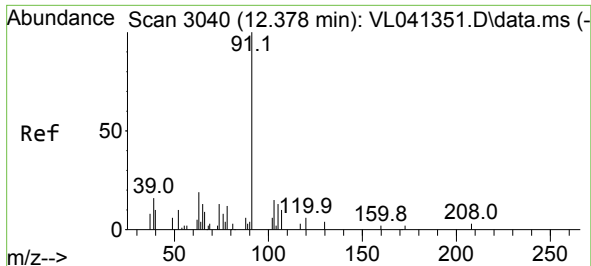
Tgt Ion: 91 Resp: 3243092

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0





#59

m/p-Xylene

Concen: 5.784 ppbv

RT: 12.365 min Scan# 3040

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

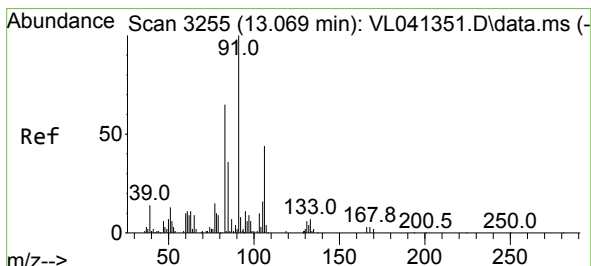
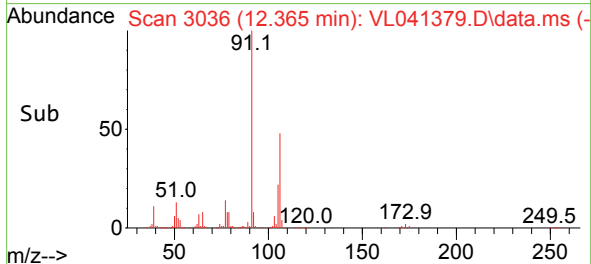
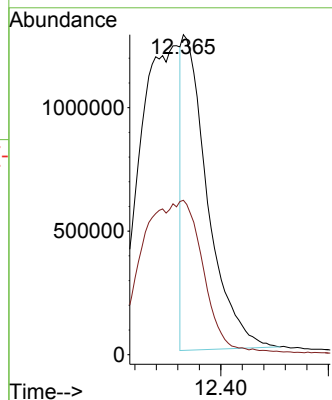
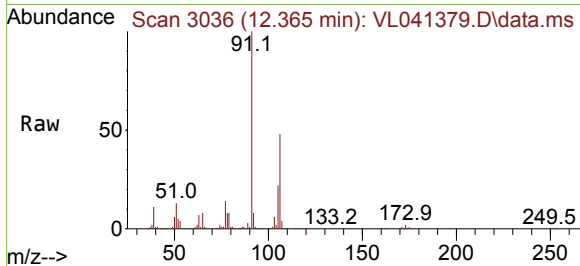
ClientSampleId :

Tgt Ion: 91 Resp: 2090874

Ion Ratio Lower Upper

91 100

106 121.8 35.6 53.4#



#60

o-Xylene

Concen: 7.645 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.010 min

Lab File: VL041379.D

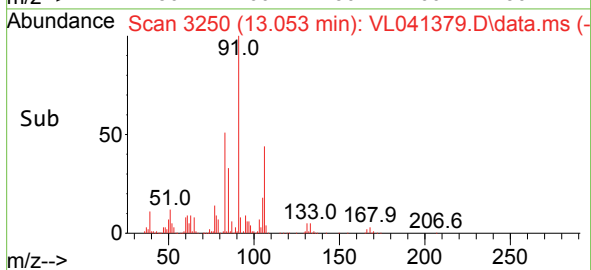
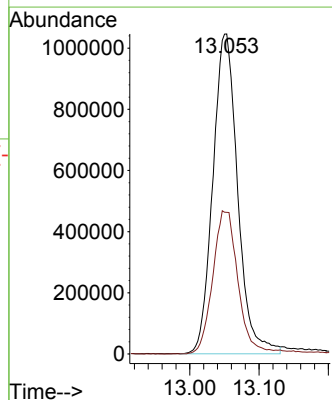
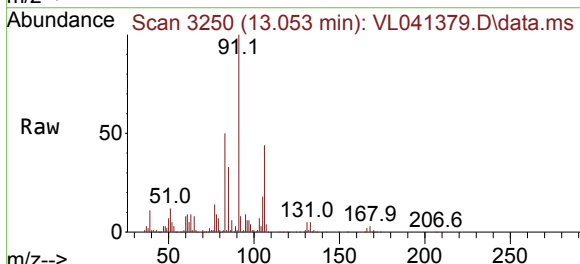
Acq: 1 Jul 2024 22:35

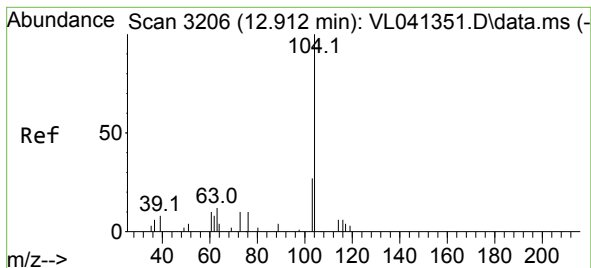
Tgt Ion: 91 Resp: 2608092

Ion Ratio Lower Upper

91 100

106 46.7 23.3 69.8





#61

Styrene

Concen: 8.050 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

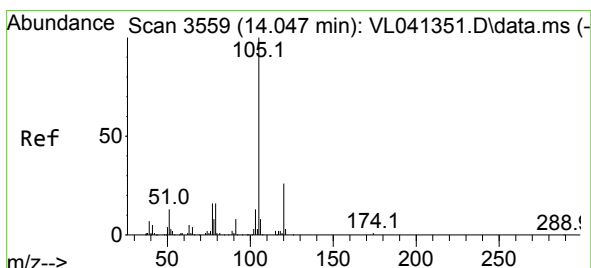
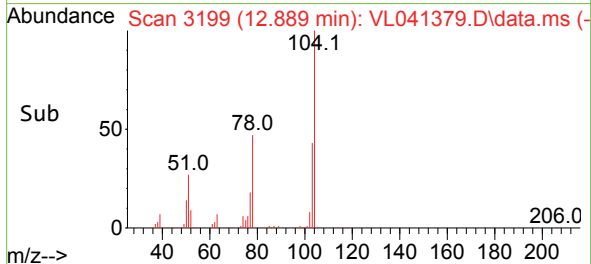
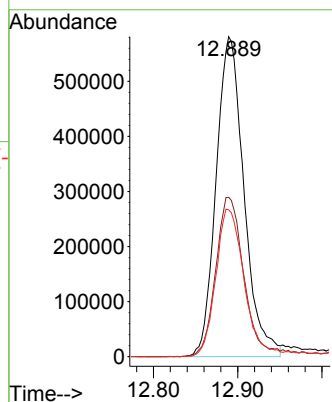
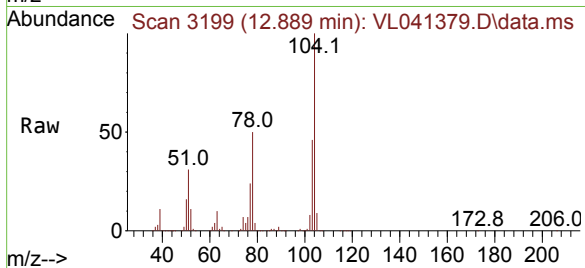
Tgt Ion:104 Resp: 1333785

Ion Ratio Lower Upper

104 100

78 51.5 40.6 61.0

103 47.9 37.4 56.0



#62

Isopropylbenzene

Concen: 7.549 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.013 min

Lab File: VL041379.D

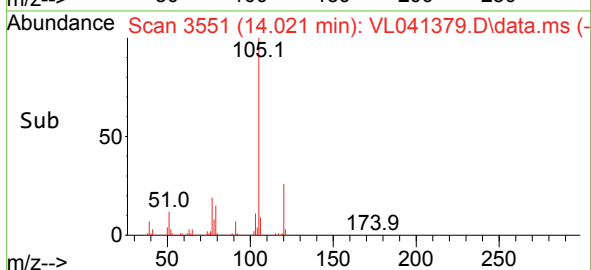
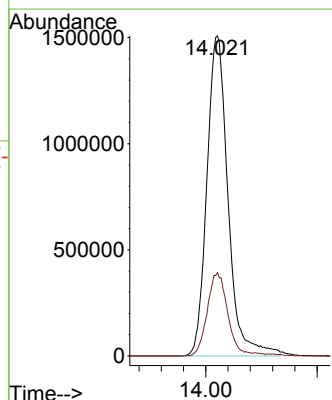
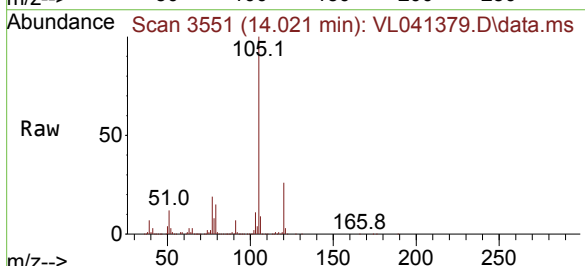
Acq: 1 Jul 2024 22:35

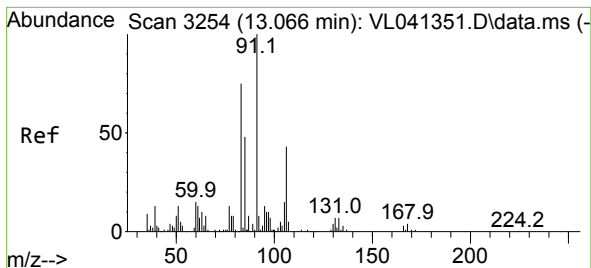
Tgt Ion:105 Resp: 3976294

Ion Ratio Lower Upper

105 100

120 25.8 20.9 31.3

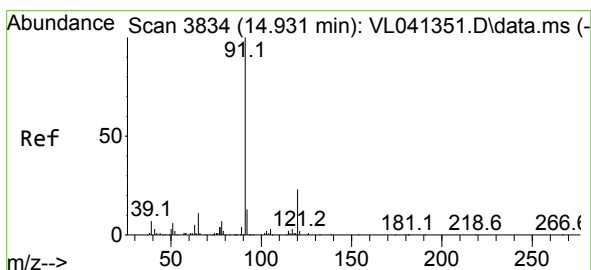
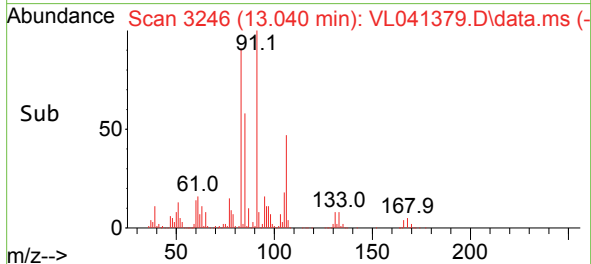
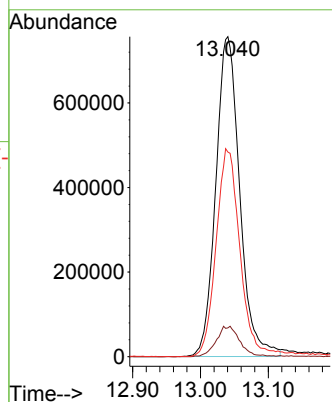
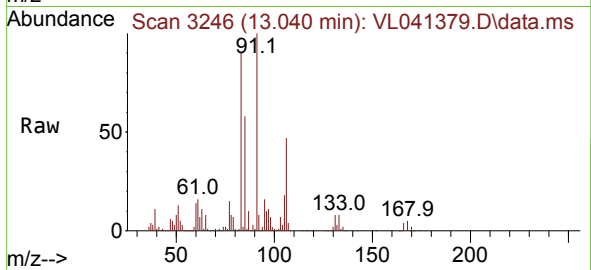




#63
1,1,2,2-Tetrachloroethane
Concen: 6.906 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

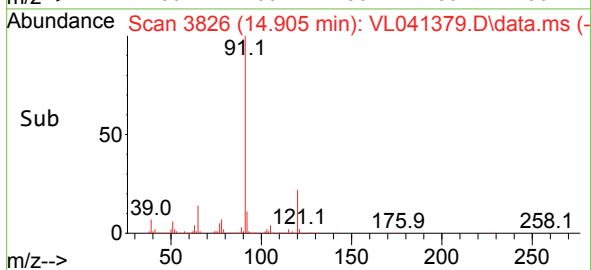
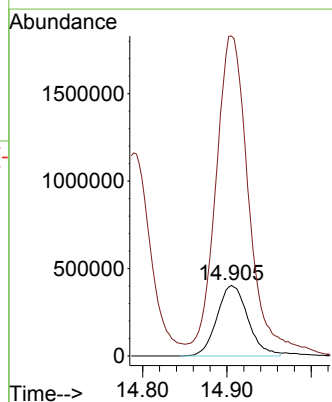
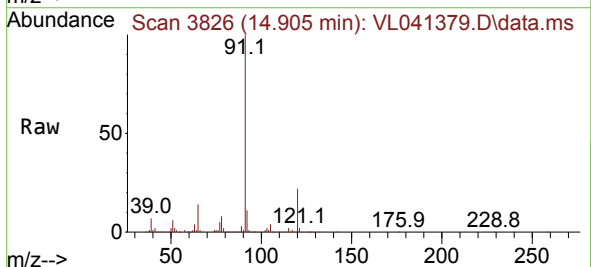
Instrument :
MSVOA_L
ClientSampleId :

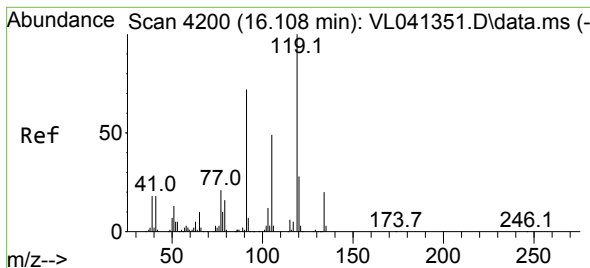
Tgt Ion: 83 Resp: 1856179
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 66.7 33.0 98.9



#64
n-propylbenzene
Concen: 7.473 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.016 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion:120 Resp: 1027435
Ion Ratio Lower Upper
120 100
91 488.9 378.4 567.6





#65

tert-Butylbenzene

Concen: 7.555 ppbv

RT: 16.082 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

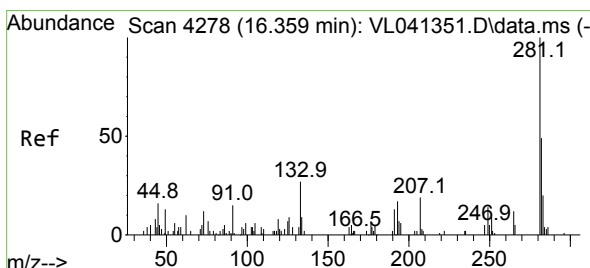
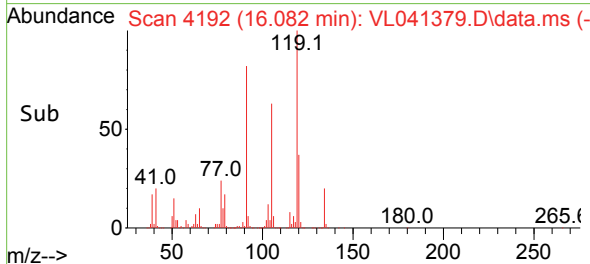
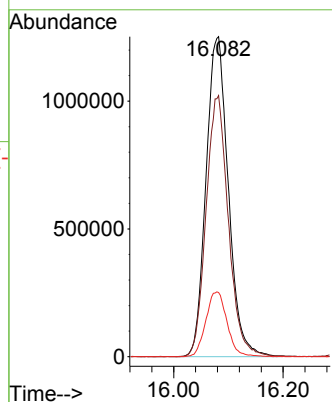
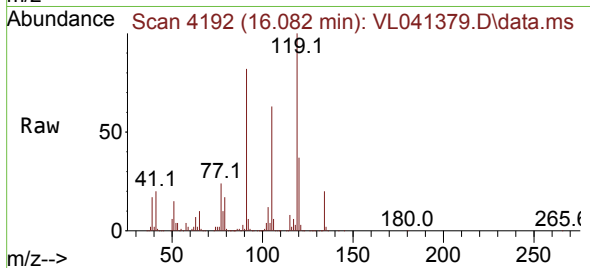
Tgt Ion:119 Resp: 3543079

Ion Ratio Lower Upper

119 100

91 81.7 65.8 98.6

134 19.3 15.7 23.5



#66

Benzyl Chloride

Concen: 2.262 ppbv

RT: 16.314 min Scan# 4264

Delta R.T. -0.016 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

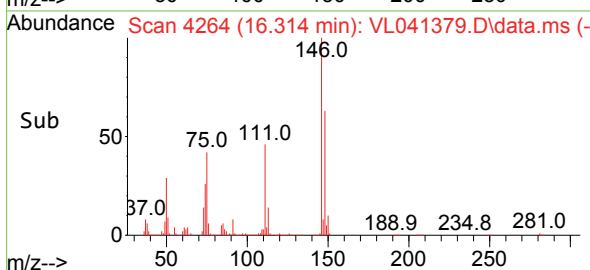
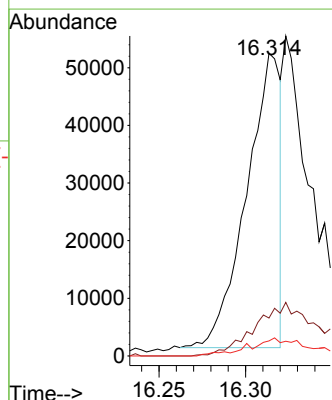
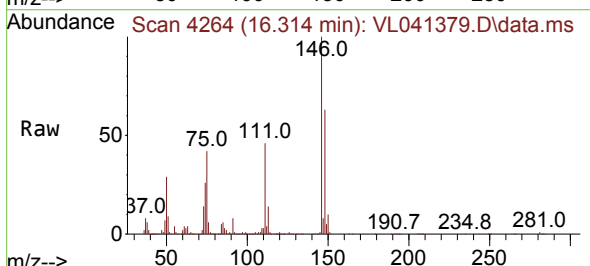
Tgt Ion: 91 Resp: 69698

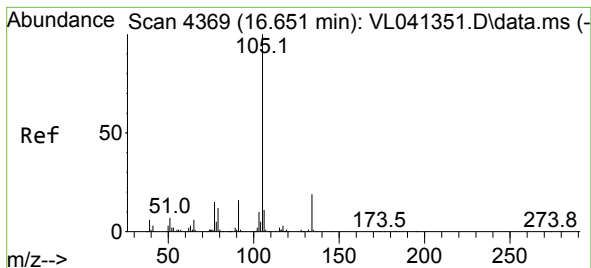
Ion Ratio Lower Upper

91 100

126 0.0 15.4 23.0#

128 11.3 5.0 7.4#





#67

sec-Butylbenzene

Concen: 7.567 ppbv

RT: 16.625 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

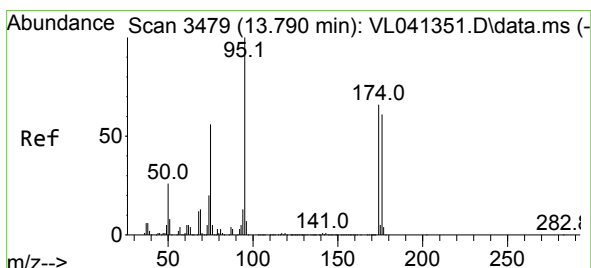
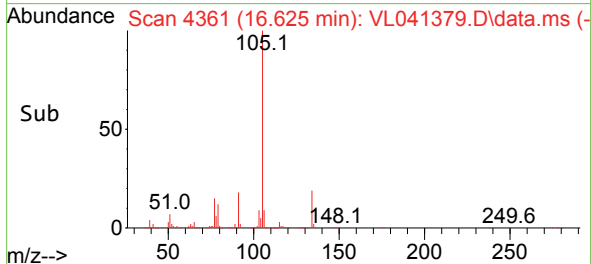
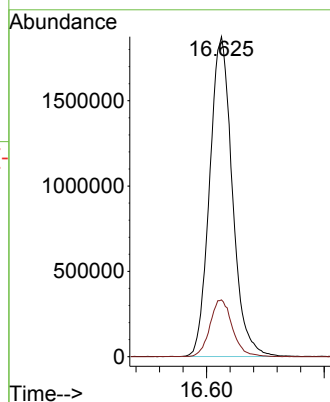
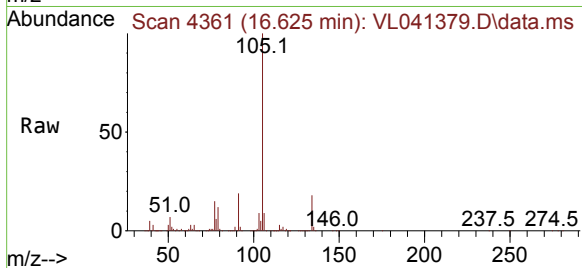
ClientSampleId :

Tgt Ion:105 Resp: 5019193

Ion Ratio Lower Upper

105 100

134 17.7 14.2 21.2



#68

1-Bromo-4-Fluorobenzene

Concen: 7.971 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

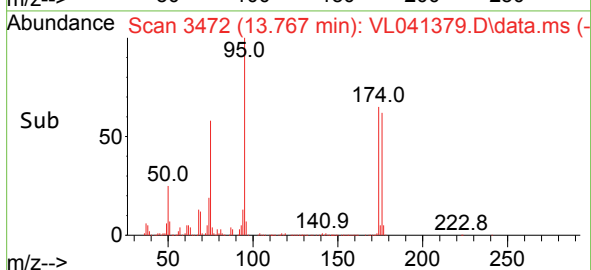
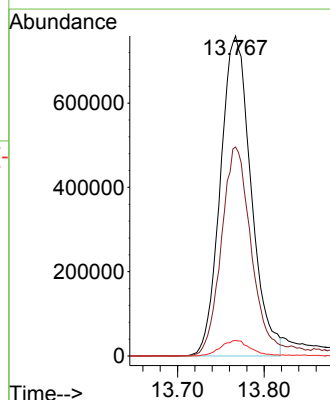
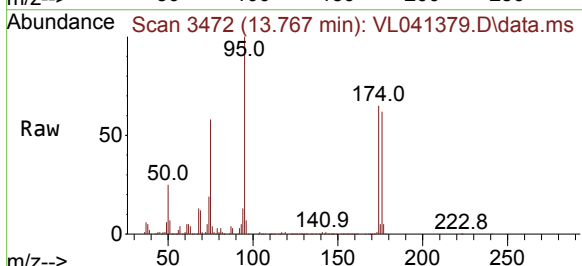
Tgt Ion: 95 Resp: 1865102

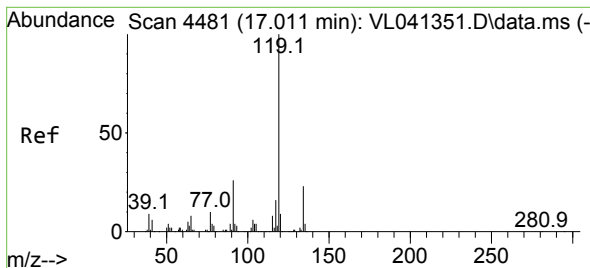
Ion Ratio Lower Upper

95 100

174 67.8 53.1 79.7

175 5.0 4.0 6.0





#69

p-Isopropyltoluene

Concen: 7.714 ppbv

RT: 16.986 min Scan# 4481

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

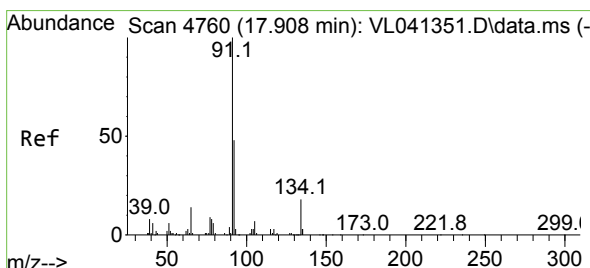
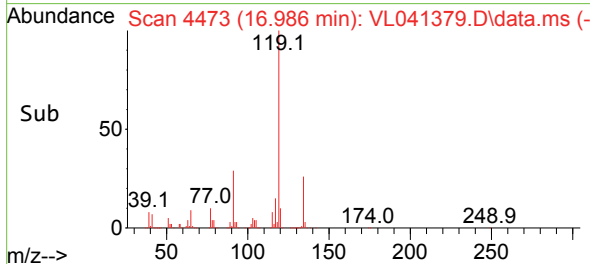
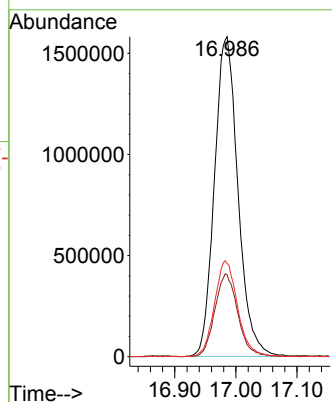
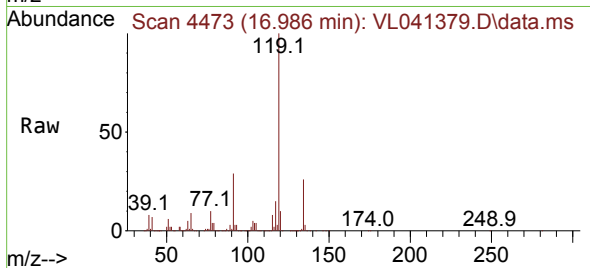
Tgt Ion:119 Resp: 4225702

Ion Ratio Lower Upper

119 100

134 25.2 20.0 30.0

91 29.5 23.7 35.5



#70

n-Butylbenzene

Concen: 7.824 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

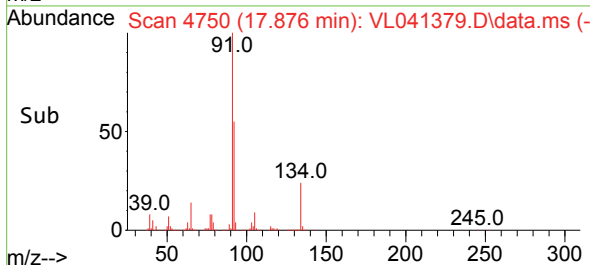
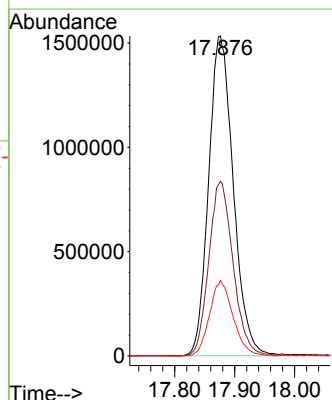
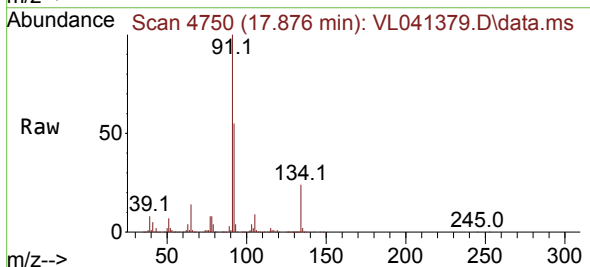
Tgt Ion: 91 Resp: 4381330

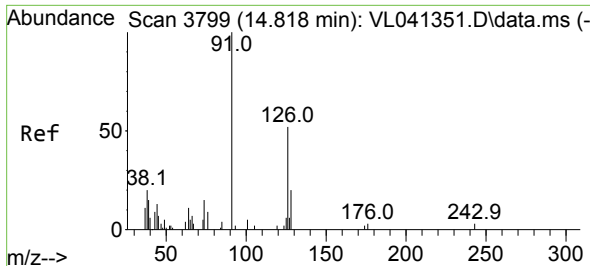
Ion Ratio Lower Upper

91 100

92 54.1 43.0 64.6

134 22.6 18.0 27.0

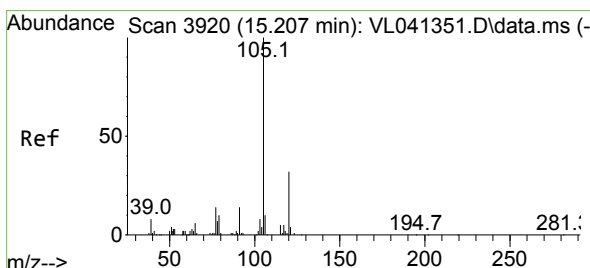
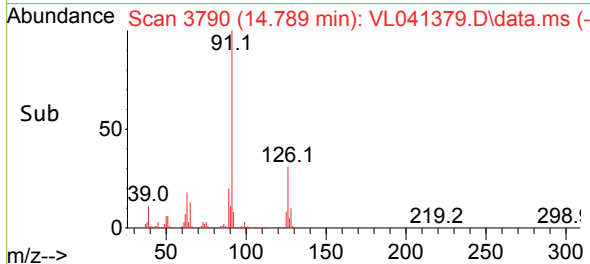
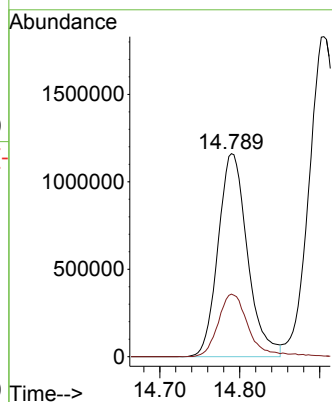
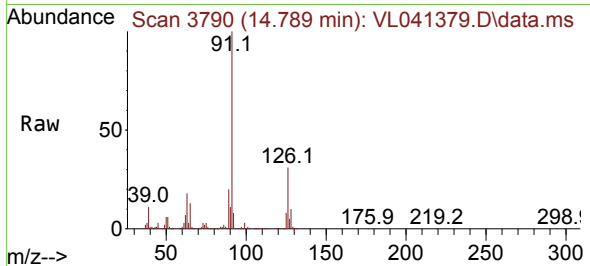




#71
2-Chlorotoluene
Concen: 7.549 ppbv
RT: 14.789 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

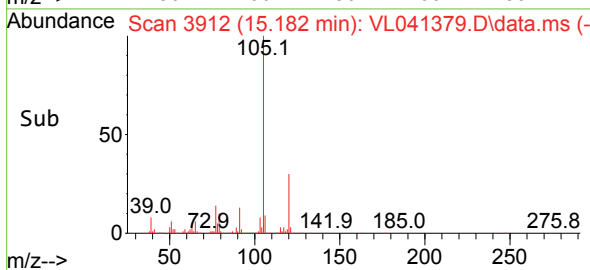
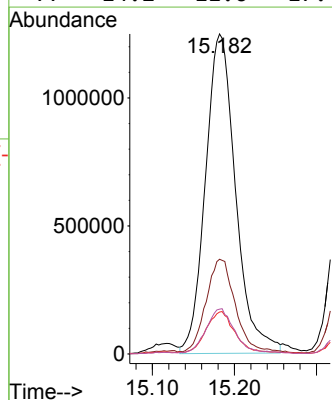
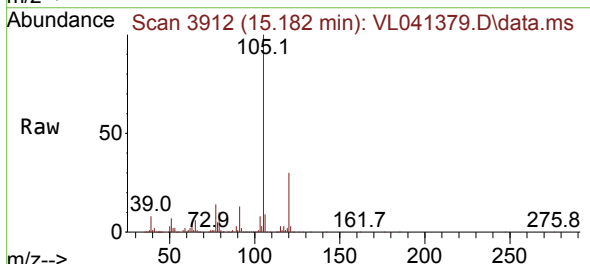
Instrument :
MSVOA_L
ClientSampleId :

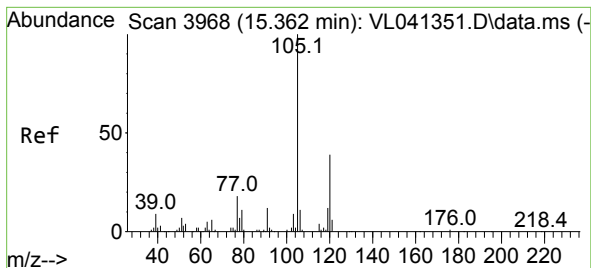
Tgt Ion: 91 Resp: 2953569
Ion Ratio Lower Upper
91 100
126 32.4 12.9 51.7



#72
4-Ethyltoluene
Concen: 7.855 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. -0.013 min
Lab File: VL041379.D
Acq: 1 Jul 2024 22:35

Tgt Ion: 105 Resp: 3192041
Ion Ratio Lower Upper
105 100
120 30.5 24.2 36.4
91 14.1 10.2 15.2
77 14.2 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 8.050 ppbv

RT: 15.339 min Scan# 3961

Delta R.T. -0.013 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

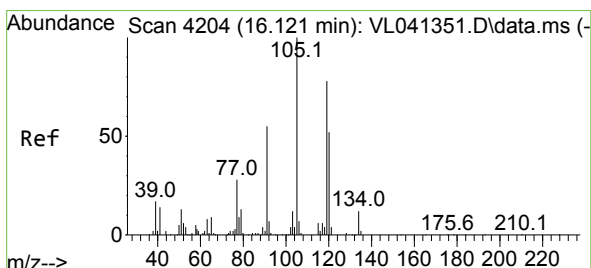
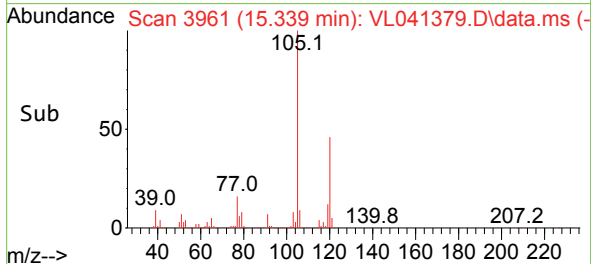
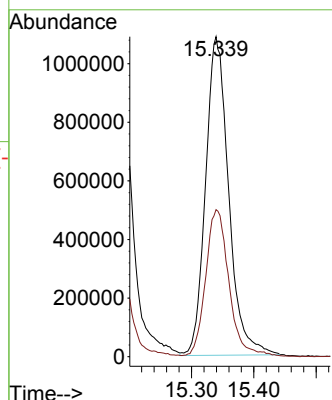
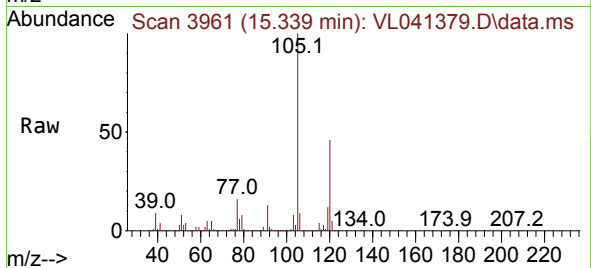
ClientSampleId :

Tgt Ion:105 Resp: 2799793

Ion Ratio Lower Upper

105 100

120 45.9 37.3 55.9



#74

1,2,4-Trimethylbenzene

Concen: 7.853 ppbv

RT: 16.098 min Scan# 4197

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Tgt Ion:105 Resp: 3077907

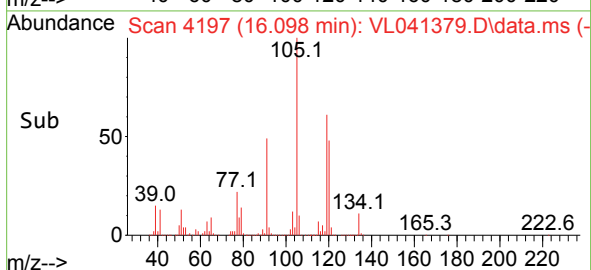
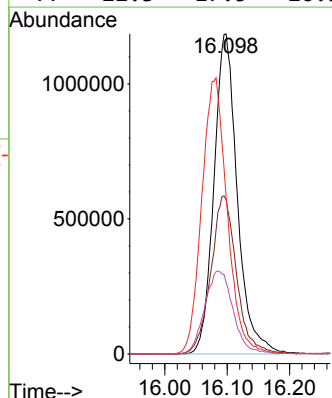
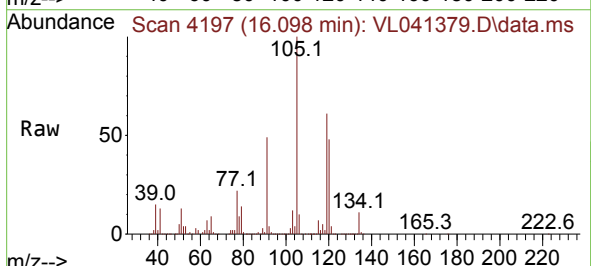
Ion Ratio Lower Upper

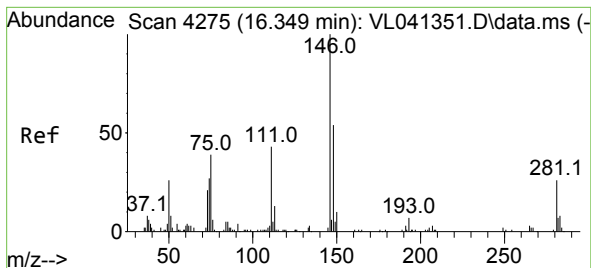
105 100

120 48.1 37.8 56.8

91 48.7 38.0 57.0

77 22.3 17.5 26.3





#75

1,3-Dichlorobenzene

Concen: 7.632 ppbv

RT: 16.320 min Scan# 4310

Delta R.T. -0.013 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

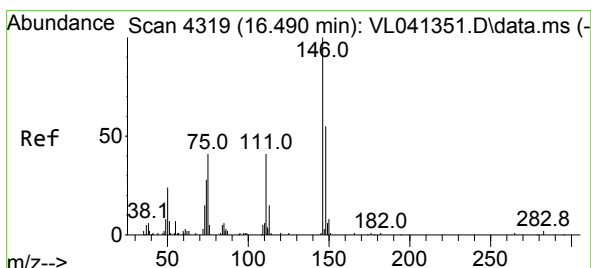
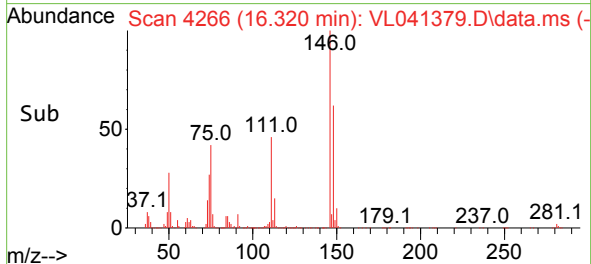
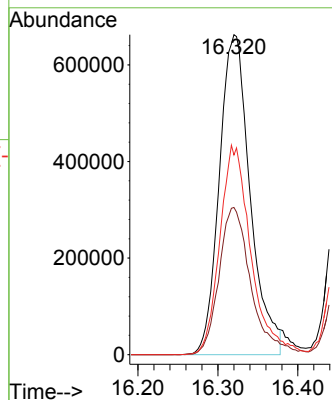
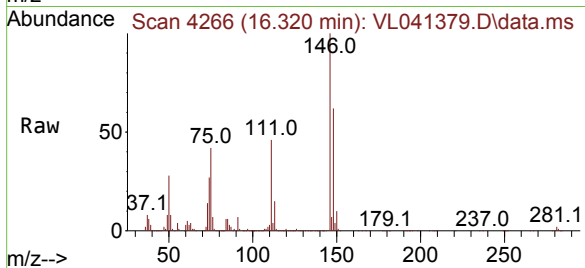
Tgt Ion:146 Resp: 1774399

Ion Ratio Lower Upper

146 100

111 47.7 23.5 70.5

148 66.1 32.3 96.9



#76

1,4-Dichlorobenzene

Concen: 7.510 ppbv

RT: 16.461 min Scan# 4310

Delta R.T. -0.013 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

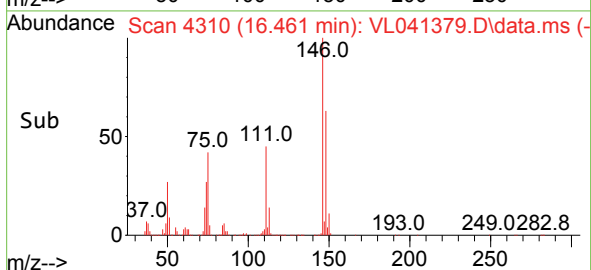
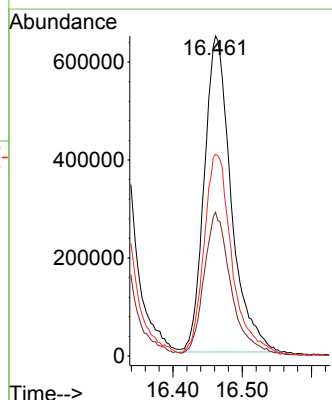
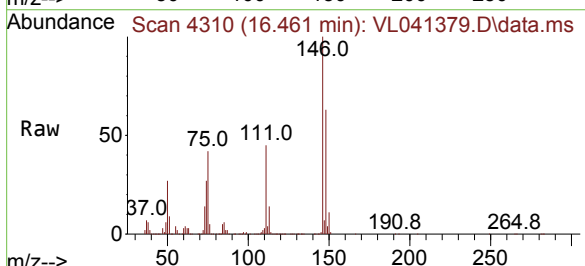
Tgt Ion:146 Resp: 1739685

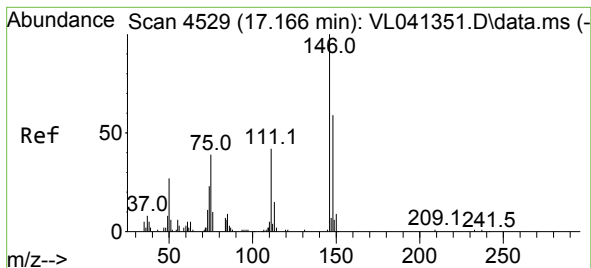
Ion Ratio Lower Upper

146 100

111 46.0 22.9 68.8

148 67.2 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 7.454 ppbv

RT: 17.133 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

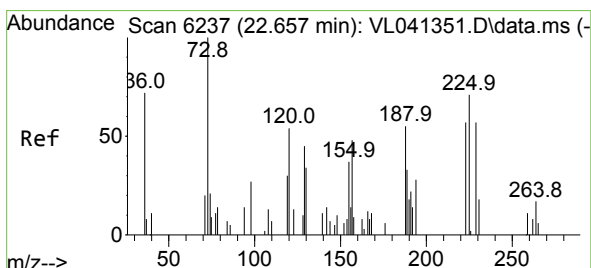
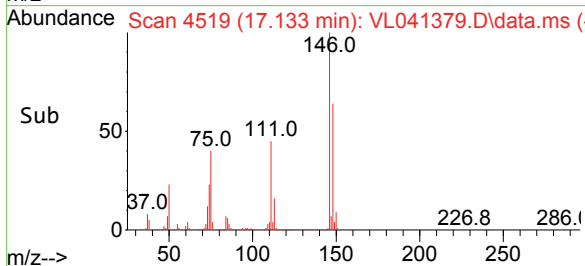
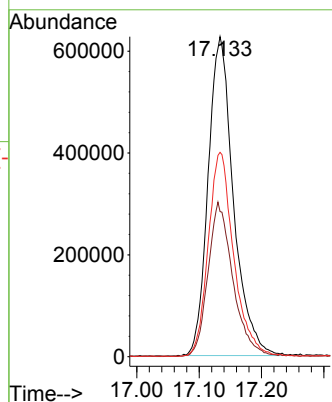
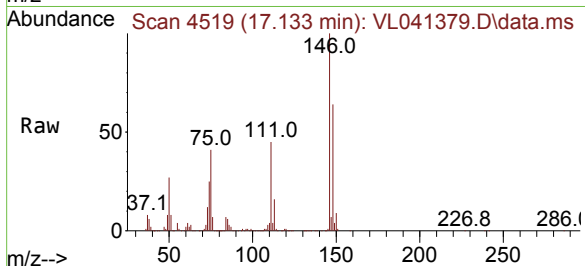
Tgt Ion:146 Resp: 1766967

Ion Ratio Lower Upper

146 100

111 48.0 24.1 72.2

148 64.5 31.9 95.9



#78

Hexachloro-1,3-Butadiene

Concen: 2.581 ppbv

RT: 22.619 min Scan# 6225

Delta R.T. -0.022 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

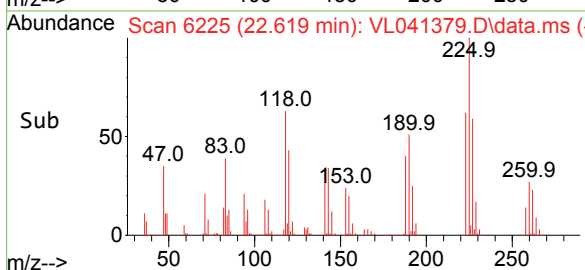
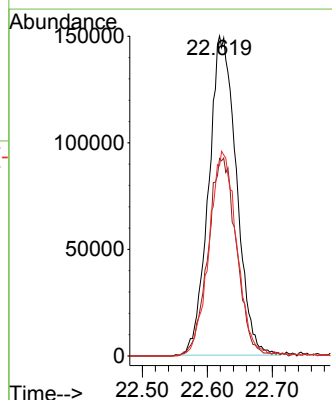
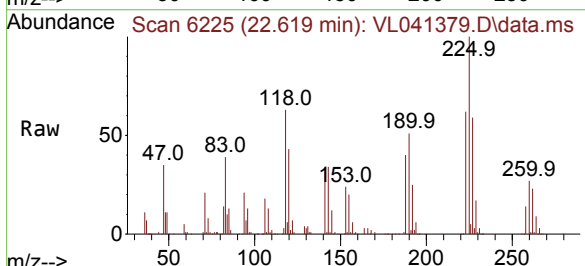
Tgt Ion:225 Resp: 444996

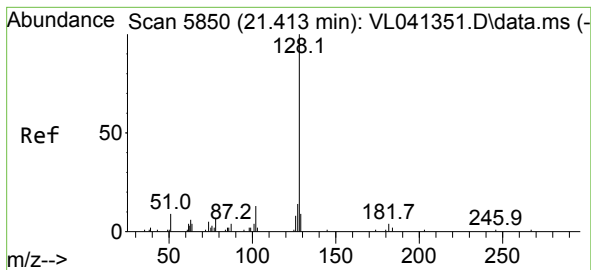
Ion Ratio Lower Upper

225 100

223 63.9 51.3 76.9

227 64.5 51.8 77.8





#79

Naphthalene

Concen: 1.990 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. -0.010 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

Instrument :

MSVOA_L

ClientSampleId :

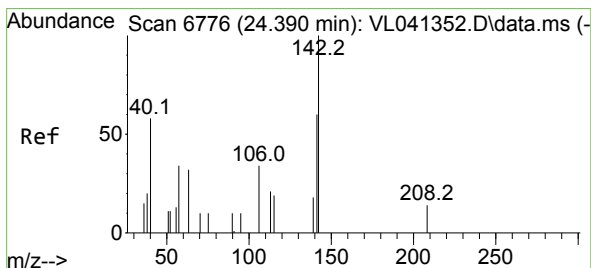
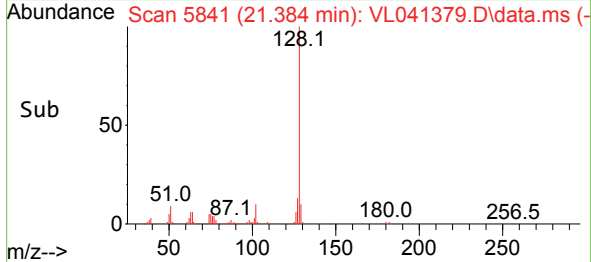
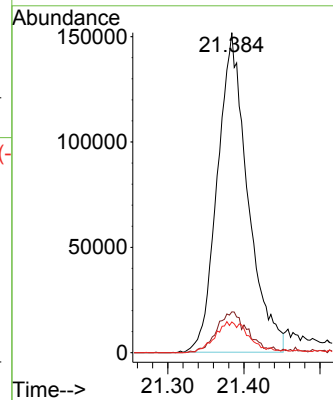
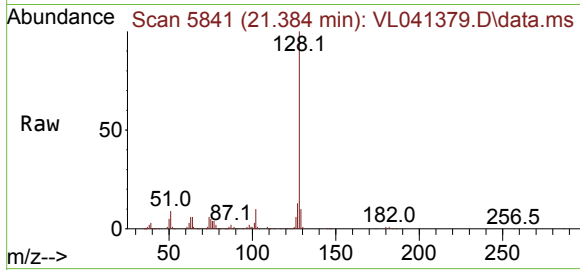
Tgt Ion:128 Resp: 419568

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 9.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 0.061 ppbv

RT: 24.419 min Scan# 6785

Delta R.T. 0.048 min

Lab File: VL041379.D

Acq: 1 Jul 2024 22:35

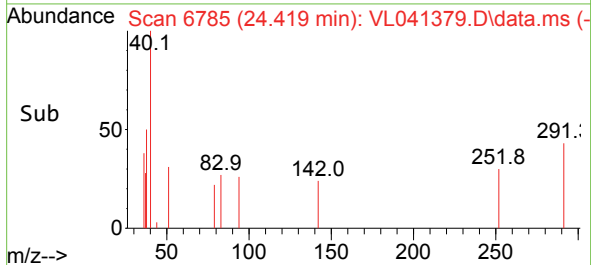
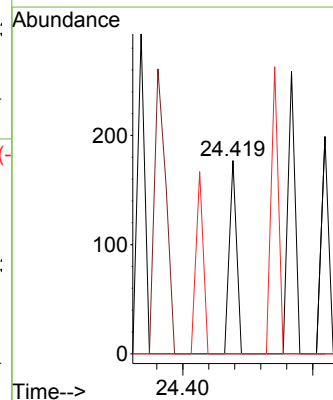
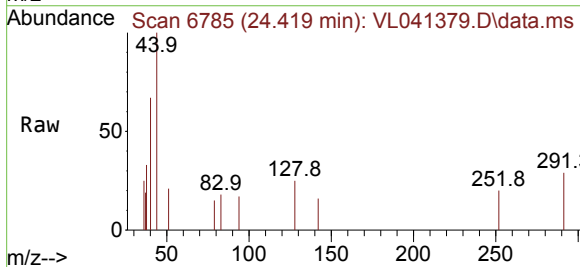
Tgt Ion:142 Resp: 34

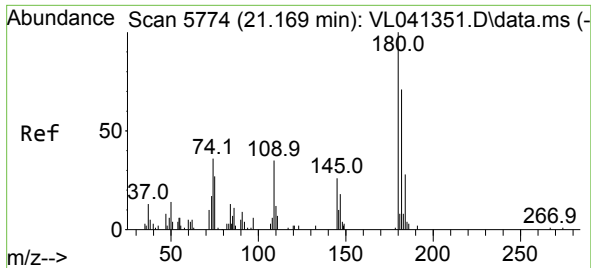
Ion Ratio Lower Upper

142 100

141 235.3 37.9 56.9#

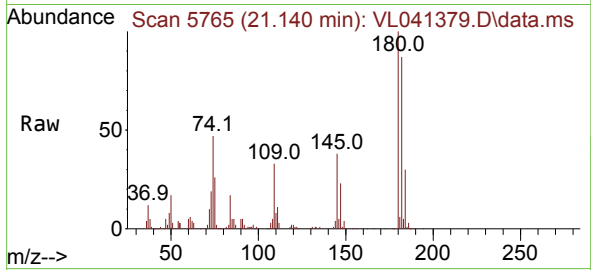
115 0.0 11.0 16.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 2.595 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. -0.013 min
 Lab File: VL041379.D
 Acq: 1 Jul 2024 22:35

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 338040
 Ion Ratio Lower Upper
 180 100
 182 99.0 78.1 117.1
 184 30.5 25.2 37.8

