

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041578.D
 Acq On : 22 Aug 2024 8:12
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Aug 23 01:27:27 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 : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	959694	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2578849	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2988958	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1952454	8.488	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.745	85	1255273	7.603	ppbv	99
3) Chlorodifluoromethane	2.690	51	978504	8.565	ppbv	99
4) Chloromethane	2.825	50	520493	8.566	ppbv	100
5) Vinyl Chloride	2.931	62	523629	8.743	ppbv	99
6) Bromomethane	3.131	94	220666	7.168	ppbv	89
7) Chloroethane	3.208	64	182039	8.807	ppbv	99
8) Dichlorotetrafluoroethane	2.870	85	1232934	8.428	ppbv	99
9) Propene	2.710	41	442316	8.428	ppbv	98
10) Heptane	7.574	43	1118652	9.486	ppbv	99
11) Trichlorofluoromethane	3.571	101	1218476	8.310	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.073	101	918343	8.698	ppbv	99
13) Ethanol	3.263	45	20196	4.305	ppbv	# 58
14) Bromoethene	3.375	108	355777	8.643	ppbv	98
15) Acetone	3.478	43	935862	8.583	ppbv	99
16) 1,3-Butadiene	2.996	39	505470	8.676	ppbv	99
17) tert-Butyl alcohol	3.883	59	951717	9.570	ppbv	99
18) 1,1-Dichloroethene	3.886	96	409850	9.075	ppbv	100
19) Isopropyl Alcohol	3.584	45	572882	8.987	ppbv	# 96
20) Methylene Chloride	3.938	84	326647	8.033	ppbv	96
21) Allyl Chloride	4.002	41	626128	8.756	ppbv	98
22) trans-1,2-Dichloroethene	4.449	96	406561	9.003	ppbv	98
23) Vinyl Acetate	4.629	43	679457	8.159	ppbv	# 98
24) 1,1-Dichloroethane	4.568	63	894809	9.126	ppbv	99
25) Ethyl Acetate	5.205	43	2004286	9.252	ppbv	99
26) Hexane	5.214	57	813991	9.058	ppbv	97
27) Carbon Disulfide	4.131	76	927236	8.820	ppbv	100
28) Methyl tert-Butyl Ether	4.587	73	481623	8.499	ppbv	98
29) Chloroform	5.272	83	1290837	8.807	ppbv	97
30) Cyclohexane	6.597	84	693311	9.474	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	777184	8.755	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1249830	8.760	ppbv	99
34) 2-Butanone	4.787	43	1125640	9.023	ppbv	100
35) Carbon Tetrachloride	6.491	117	1312241	9.226	ppbv	98
36) Benzene	6.369	78	1740518	9.237	ppbv	99
37) 1,2-Dichloroethane	5.806	62	977454	9.268	ppbv	100
38) Trichloroethene	7.285	130	848446	9.828	ppbv	98
39) 1,2-Dichloropropane	7.069	63	678564	9.406	ppbv	97
40) 1,4-Dioxane	7.282	88	270698	9.341	ppbv	83
41) Tetrahydrofuran	5.558	42	705576	9.889	ppbv	98
42) Bromodichloromethane	7.243	83	1392464	9.144	ppbv	99
43) Methyl Methacrylate	7.468	69	686671	10.162	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	2981605	9.474	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	550028	8.844	ppbv	94

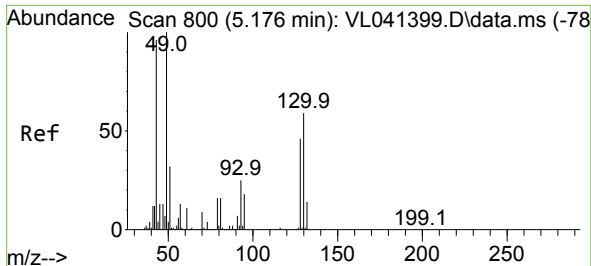
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041578.D
 Acq On : 22 Aug 2024 8:12
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Aug 23 01:27:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	775442	8.634	ppbv	96
47) 1,1,2-Trichloroethane	8.889	97	747560	9.401	ppbv	97
48) Dibromochloromethane	9.703	129	1222551	9.543	ppbv	100
49) Bromoform	12.397	173	1153004	10.655	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	1980430	10.062	ppbv	99
51) 2-Hexanone	9.539	43	1589662	10.682	ppbv #	97
52) Tetrachloroethene	10.606	164	665752	9.143	ppbv	99
53) Toluene	9.211	91	2051709	9.775	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1014769	9.587	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.497	131	919797	7.935	ppbv #	56
57) Chlorobenzene	11.516	112	1664457	7.821	ppbv	99
58) Ethyl Benzene	12.076	91	2847394	8.265	ppbv	100
59) m/p-Xylene	12.359	91	2606781	8.765	ppbv #	38
60) o-Xylene	13.047	91	2409614	8.565	ppbv	99
61) Styrene	12.883	104	1154847	9.099	ppbv	98
62) Isopropylbenzene	14.015	105	3530699	8.255	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	1463446	8.238	ppbv	99
64) n-propylbenzene	14.902	120	960147	8.587	ppbv	95
65) tert-Butylbenzene	16.076	119	3341191	8.649	ppbv	100
66) Benzyl Chloride	16.317	91	205433	8.291	ppbv	98
67) sec-Butylbenzene	16.622	105	4743225	8.912	ppbv	100
69) p-Isopropyltoluene	16.982	119	4053997	9.179	ppbv	100
70) n-Butylbenzene	17.873	91	4290563	9.477	ppbv	100
71) 2-Chlorotoluene	14.786	91	2768757	8.779	ppbv	100
72) 4-Ethyltoluene	15.178	105	3006316	9.077	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2624356	9.197	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2993401	9.024	ppbv	97
75) 1,3-Dichlorobenzene	16.320	146	1894241	9.084	ppbv	99
76) 1,4-Dichlorobenzene	16.458	146	1849892	9.162	ppbv	98
77) 1,2-Dichlorobenzene	17.127	146	1891671	9.151	ppbv	100
78) Hexachloro-1,3-Butadiene	22.622	225	662030	3.755	ppbv #	7
79) Naphthalene	21.368	128	3303813	11.284	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1377262	5.611	ppbv	100
81) 1,2,4-Trichlorobenzene	21.124	180	1709937	9.814	ppbv	98

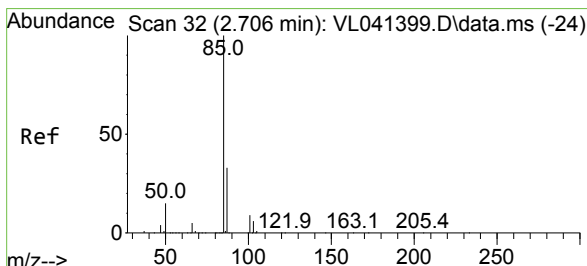
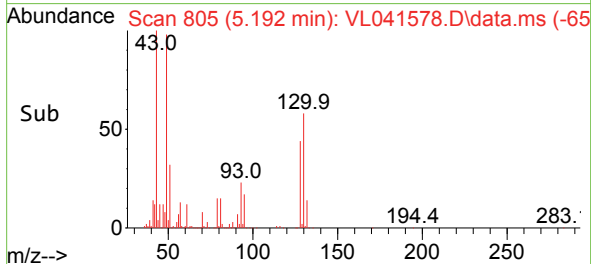
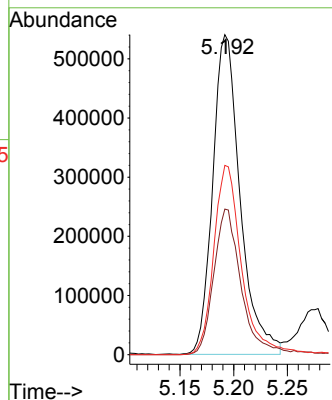
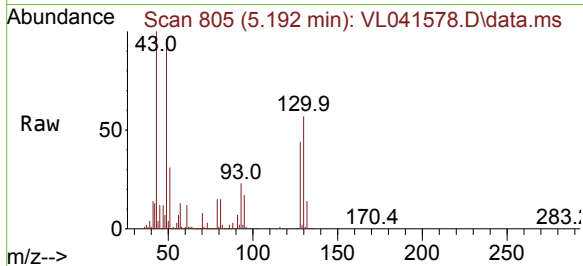
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

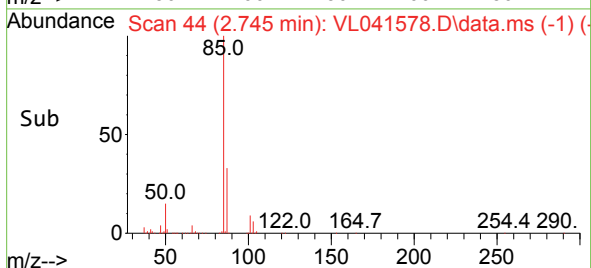
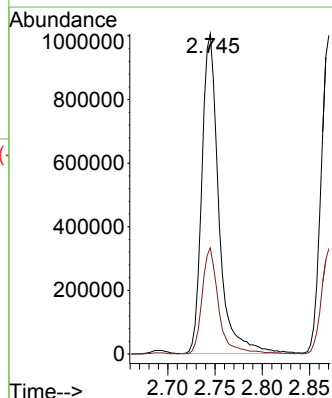
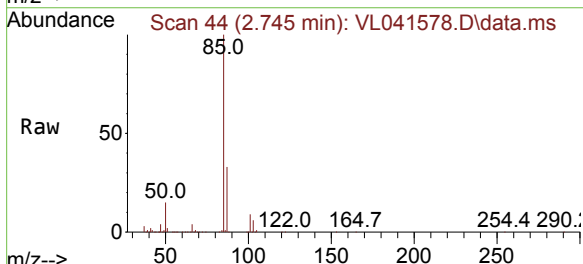
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

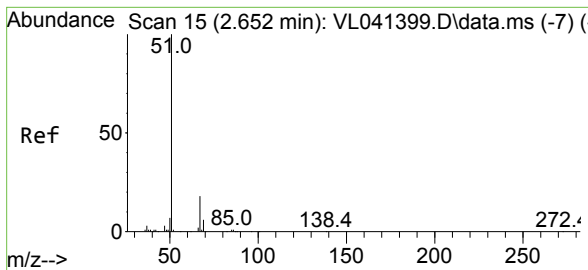
Tgt Ion: 49 Resp: 959694
Ion Ratio Lower Upper
49 100
128 46.4 23.8 71.4
130 60.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 7.603 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 85 Resp: 1255273
Ion Ratio Lower Upper
85 100
87 33.1 26.0 39.0

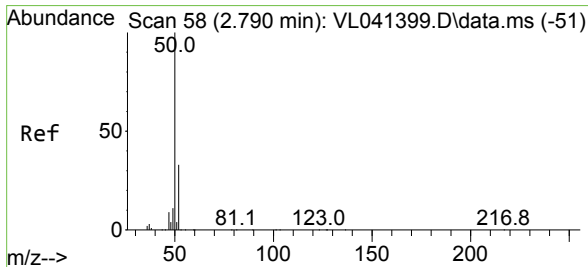
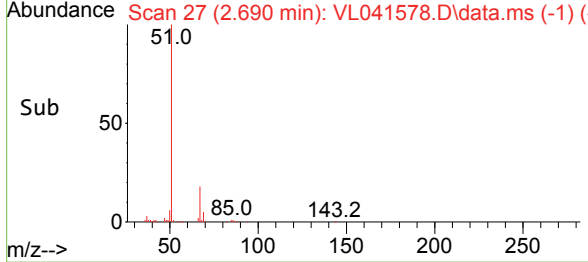
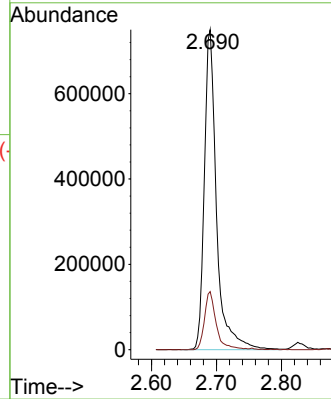
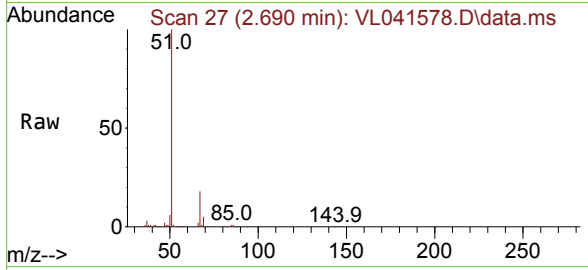




#3
Chlorodifluoromethane
Concen: 8.565 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

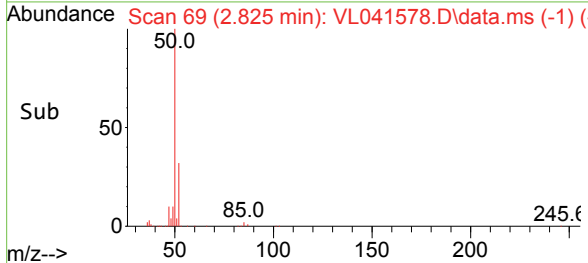
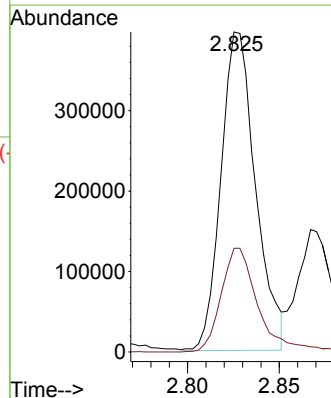
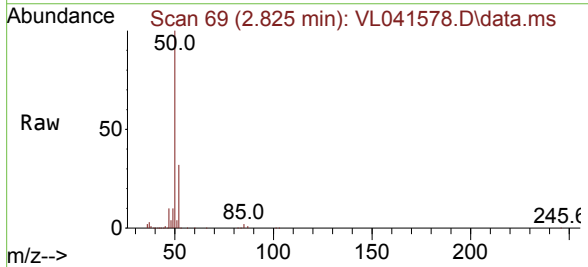
Instrument :
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ClientSampleId :
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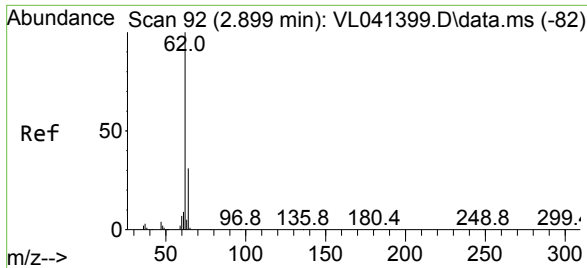
Tgt Ion: 51 Resp: 978504
Ion Ratio Lower Upper
51 100
67 17.8 14.5 21.7



#4
Chloromethane
Concen: 8.566 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 50 Resp: 520493
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1

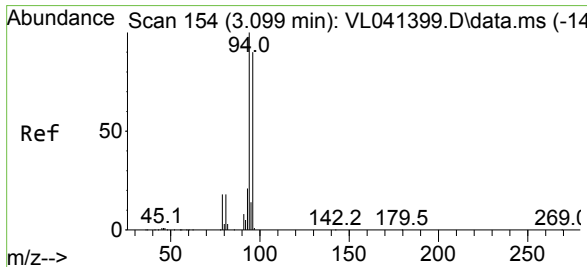
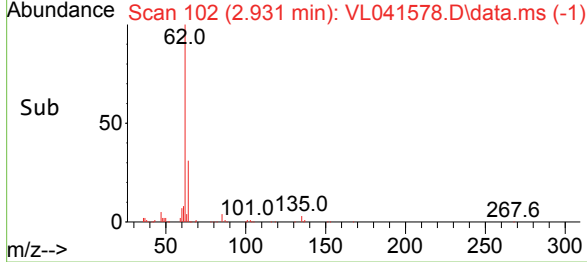
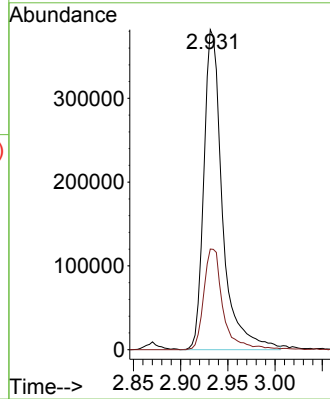
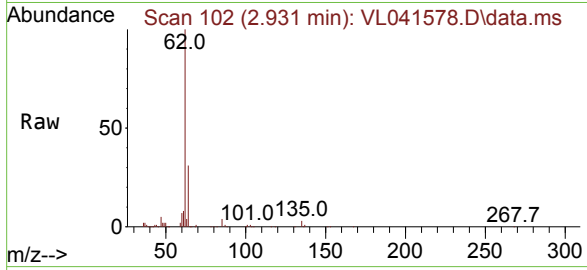




#5
 Vinyl Chloride
 Concen: 8.743 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

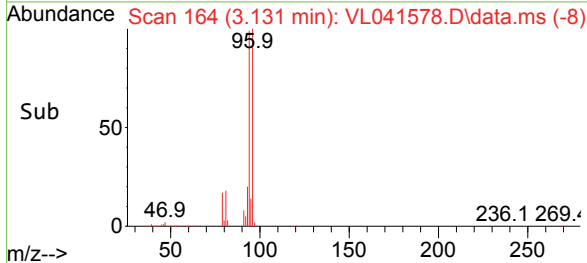
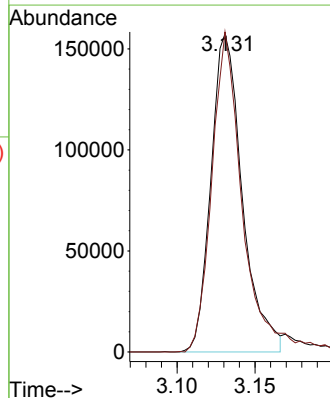
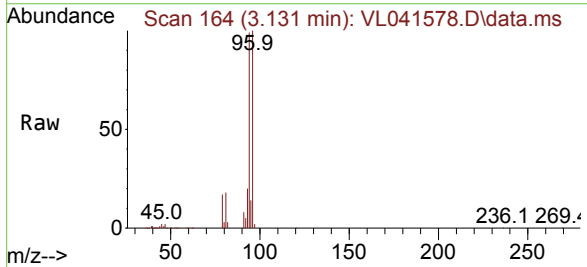
Instrument :
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 VSTDCCC010

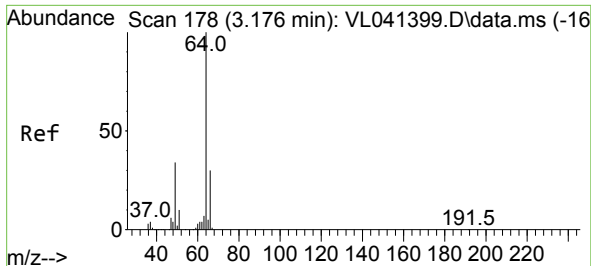
Tgt Ion: 62 Resp: 523629
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.0 37.4



#6
 Bromomethane
 Concen: 7.168 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 94 Resp: 220666
 Ion Ratio Lower Upper
 94 100
 96 100.4 72.3 108.5

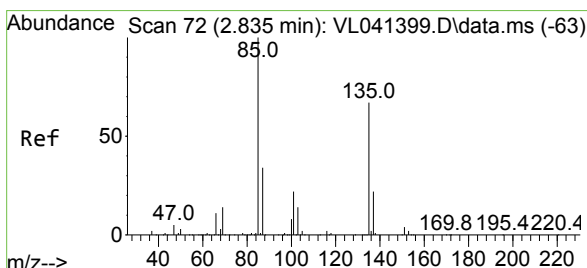
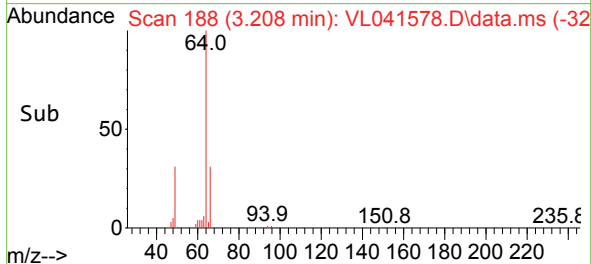
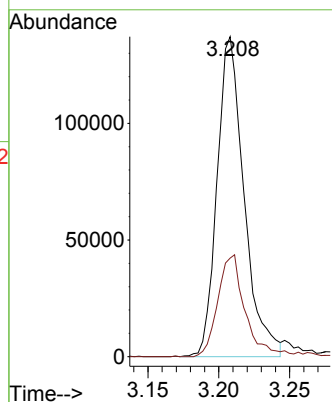
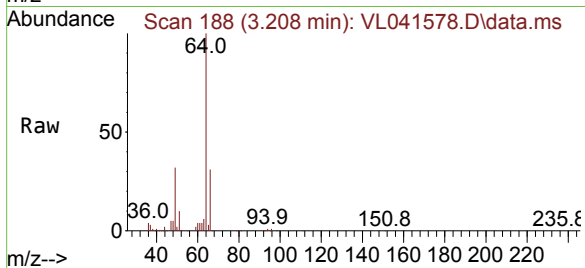




#7
Chloroethane
Concen: 8.807 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

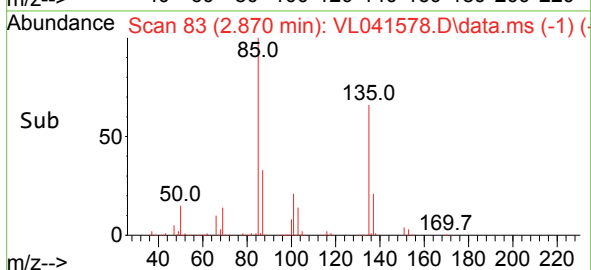
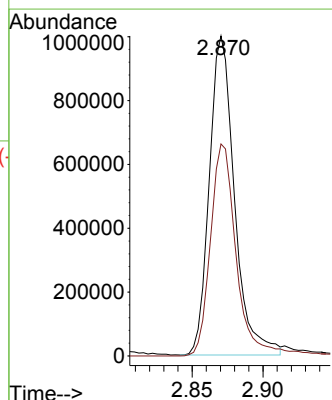
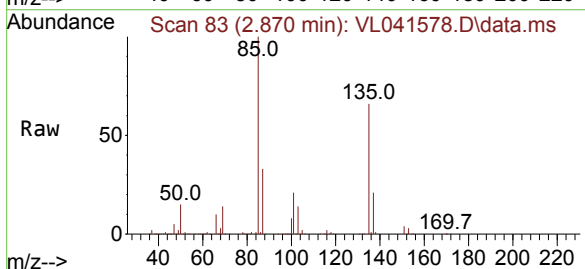
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ClientSampleId :
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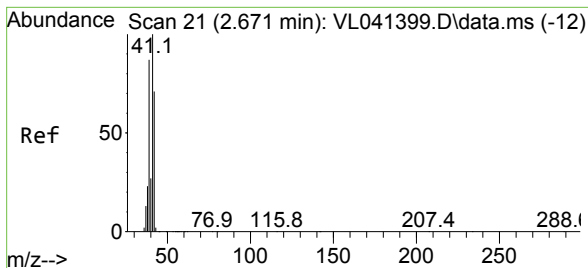
Tgt Ion: 64 Resp: 182039
Ion Ratio Lower Upper
64 100
66 30.8 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 8.428 ppbv
RT: 2.870 min Scan# 83
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 85 Resp: 1232934
Ion Ratio Lower Upper
85 100
135 69.7 55.4 83.0





#9

Propene

Concen: 8.428 ppbv

RT: 2.710 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

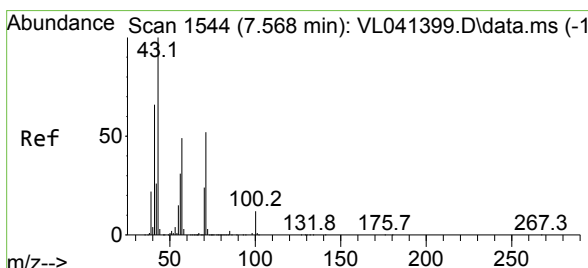
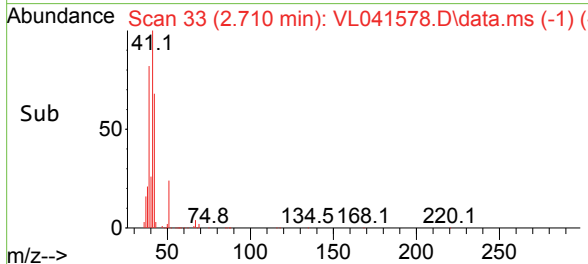
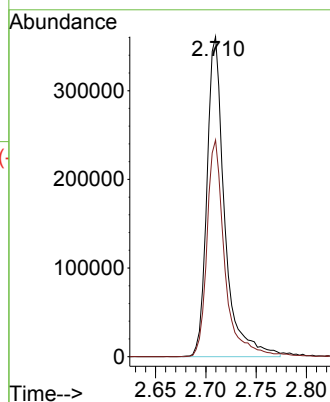
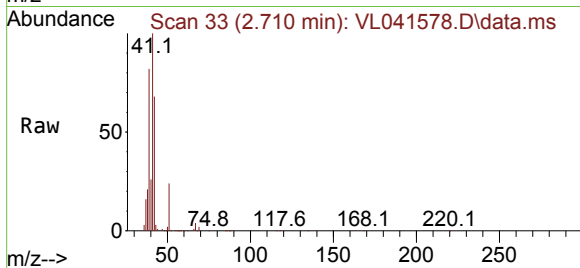
VSTDCCC010

Tgt Ion: 41 Resp: 442316

Ion Ratio Lower Upper

41 100

42 68.5 55.9 83.9



#10

Heptane

Concen: 9.486 ppbv

RT: 7.574 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VL041578.D

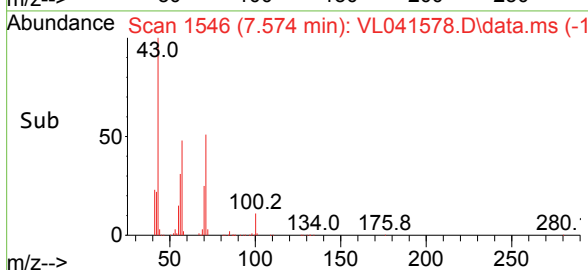
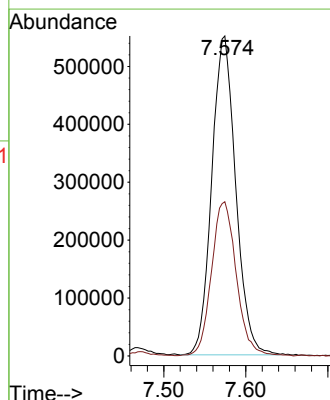
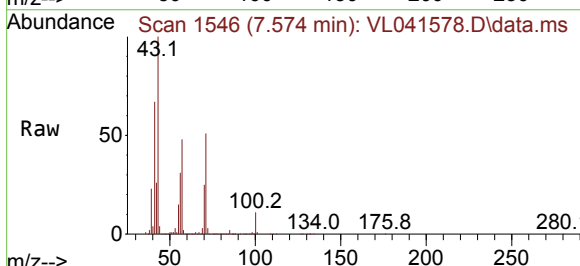
Acq: 22 Aug 2024 8:12

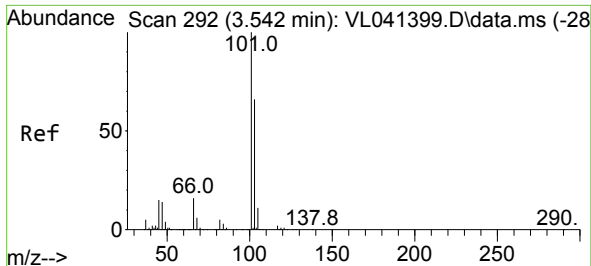
Tgt Ion: 43 Resp: 1118652

Ion Ratio Lower Upper

43 100

57 50.2 40.5 60.7

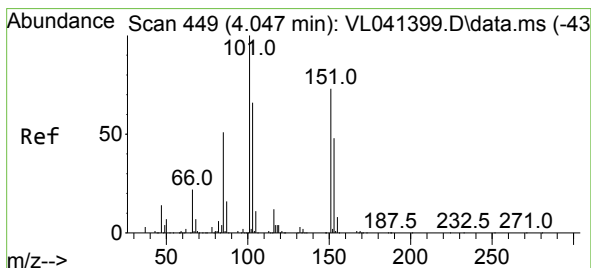
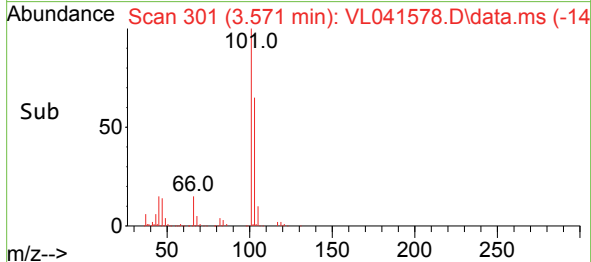
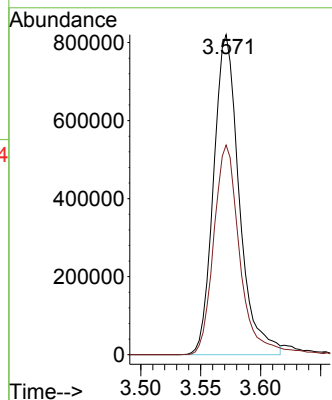
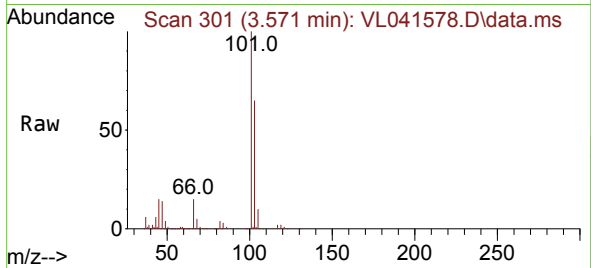




#11
 Trichlorofluoromethane
 Concen: 8.310 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

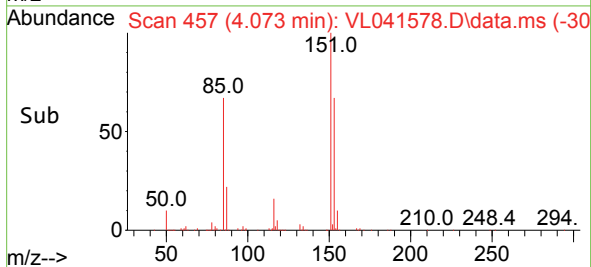
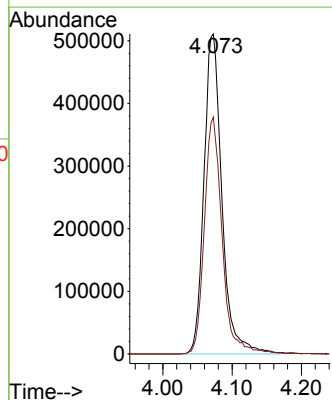
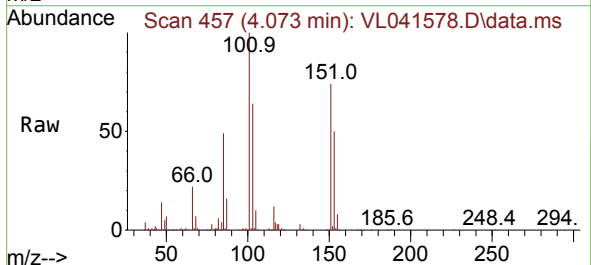
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

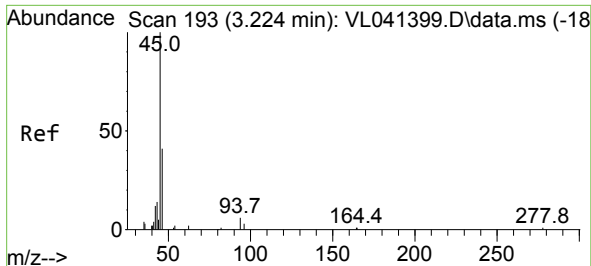
Tgt Ion:101 Resp: 1218476
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.698 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion:101 Resp: 918343
 Ion Ratio Lower Upper
 101 100
 151 73.3 59.4 89.2

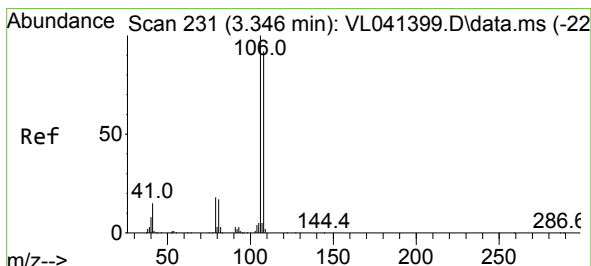
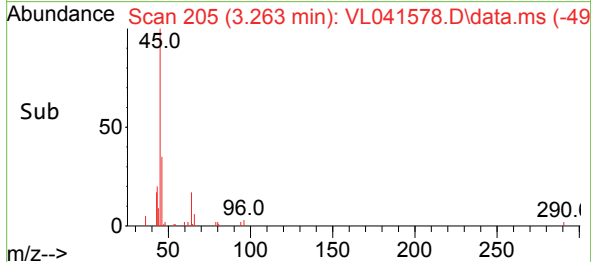
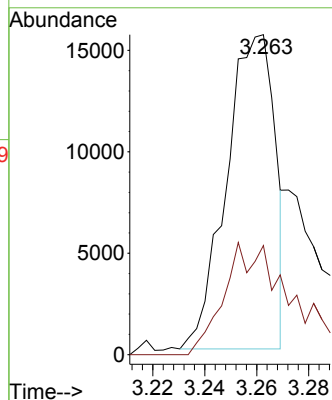
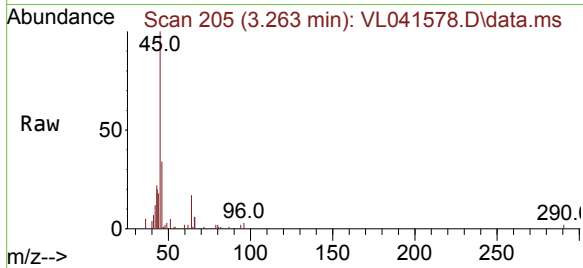




#13
 Ethanol
 Concen: 4.305 ppbv
 RT: 3.263 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

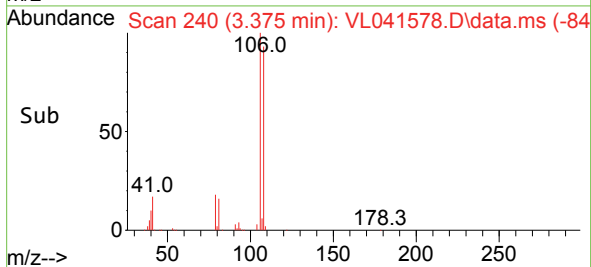
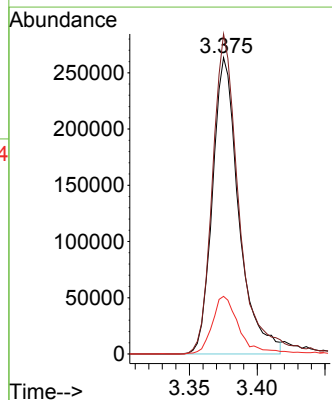
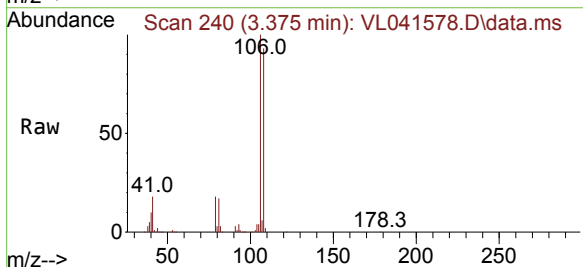
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

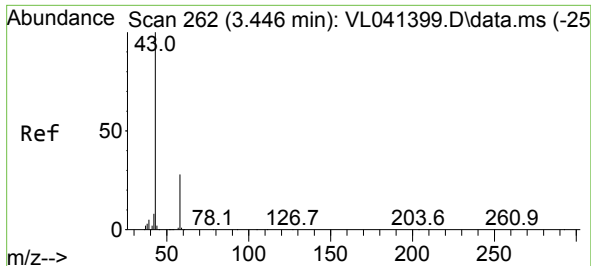
Tgt Ion: 45 Resp: 20196
 Ion Ratio Lower Upper
 45 100
 46 57.1 13.4 53.4#



#14
 Bromoethene
 Concen: 8.643 ppbv
 RT: 3.375 min Scan# 240
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 108 Resp: 355777
 Ion Ratio Lower Upper
 108 100
 106 111.4 86.9 130.3
 79 20.6 16.2 24.4

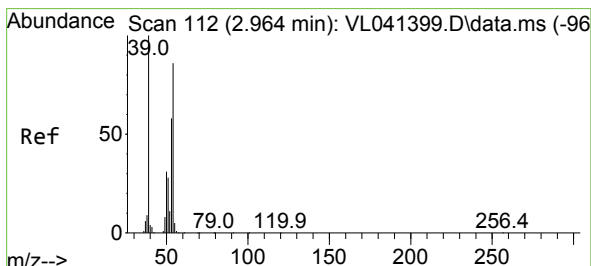
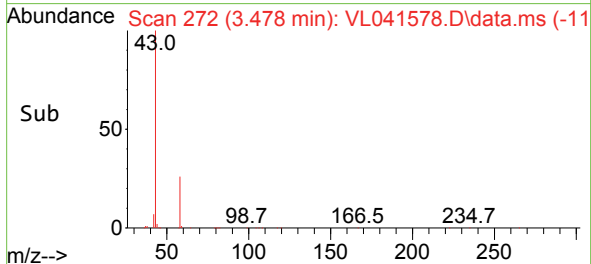
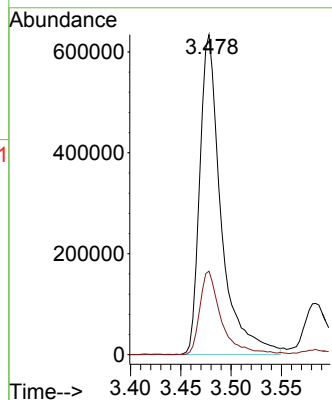
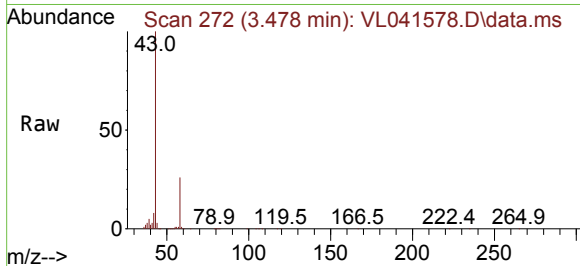




#15
Acetone
Concen: 8.583 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

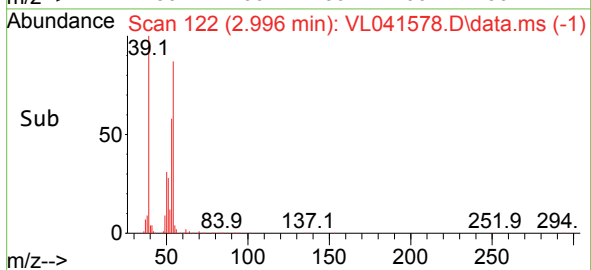
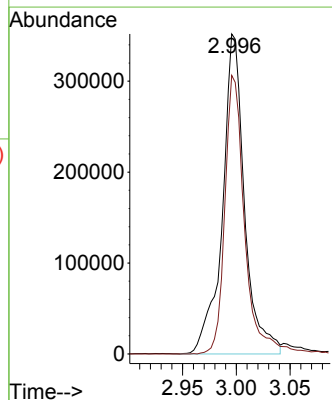
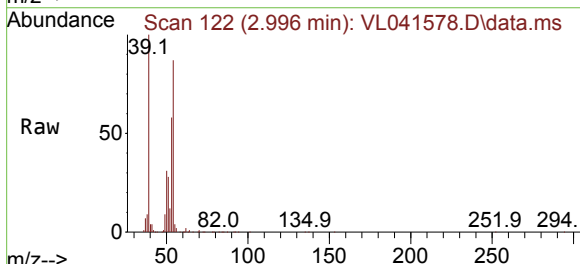
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

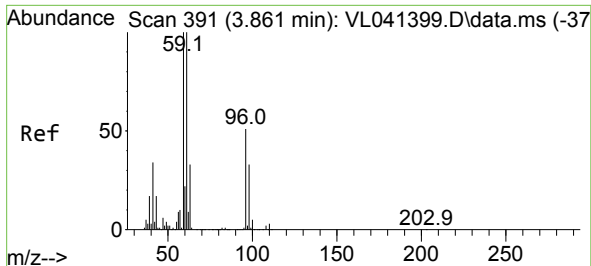
Tgt Ion: 43 Resp: 935862
Ion Ratio Lower Upper
43 100
58 26.5 21.4 32.2



#16
1,3-Butadiene
Concen: 8.676 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 39 Resp: 505470
Ion Ratio Lower Upper
39 100
54 78.8 62.5 93.7

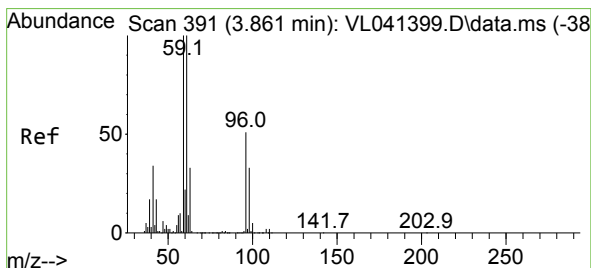
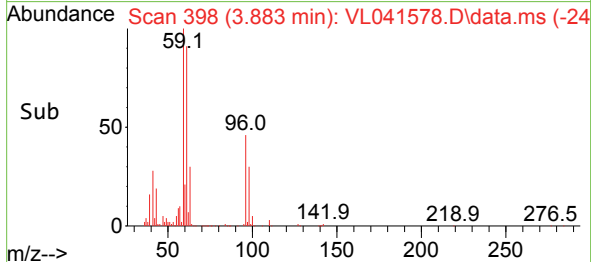
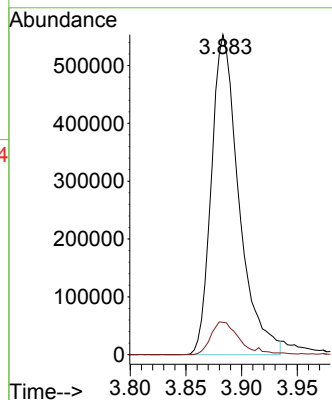
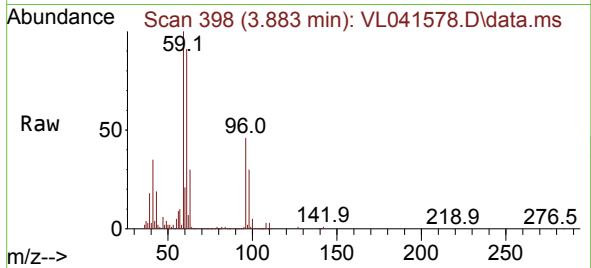




#17
tert-Butyl alcohol
Concen: 9.570 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

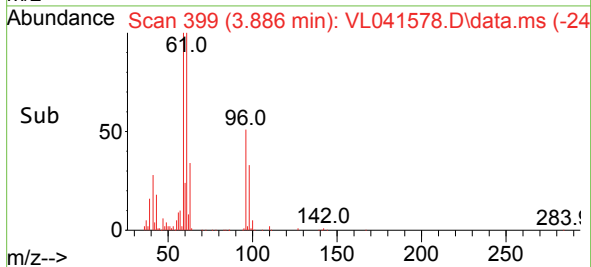
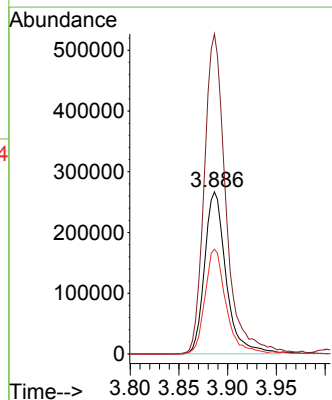
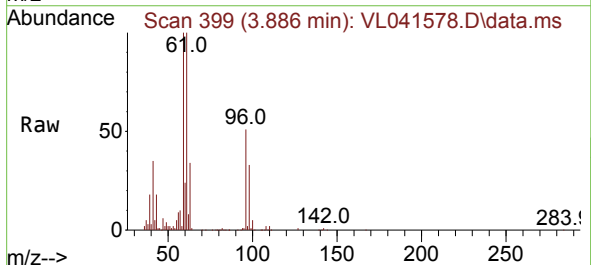
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

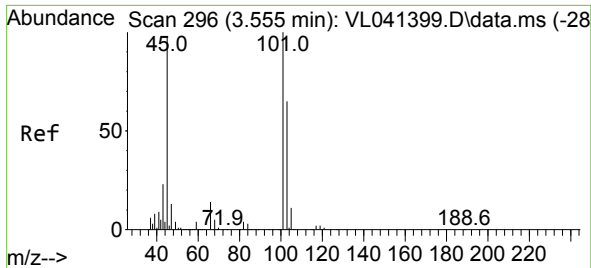
Tgt Ion: 59 Resp: 951717
Ion Ratio Lower Upper
59 100
57 11.1 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.075 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 96 Resp: 409850
Ion Ratio Lower Upper
96 100
61 197.4 157.5 236.3
98 64.6 51.2 76.8





#19

Isopropyl Alcohol

Concen: 8.987 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

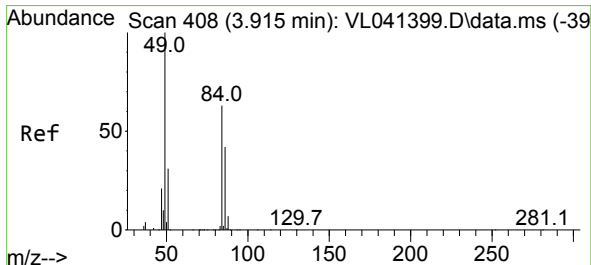
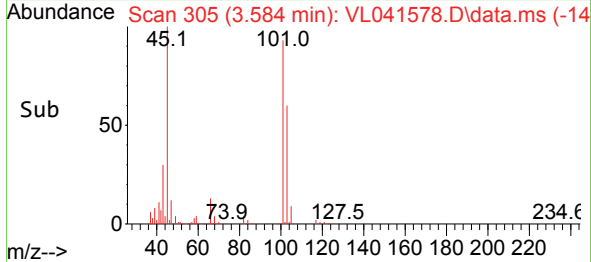
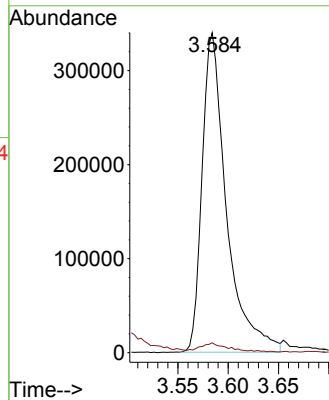
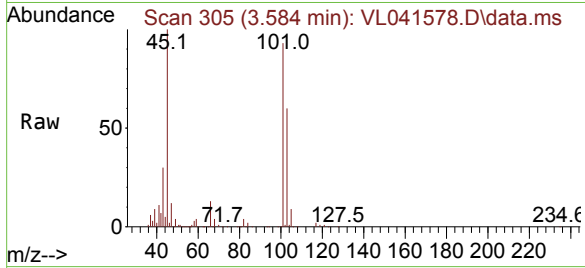
VSTDCCC010

Tgt Ion: 45 Resp: 572882

Ion Ratio Lower Upper

45 100

58 3.7 1.9 2.9#



#20

Methylene Chloride

Concen: 8.033 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Tgt Ion: 84 Resp: 326647

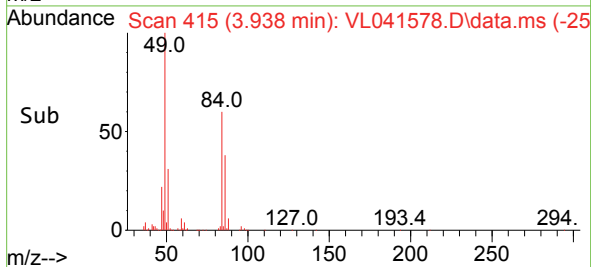
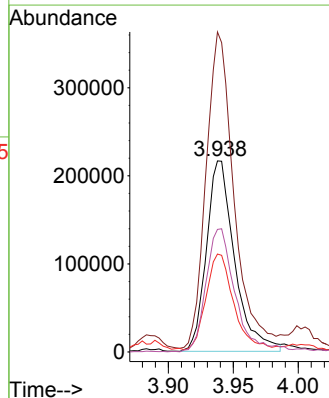
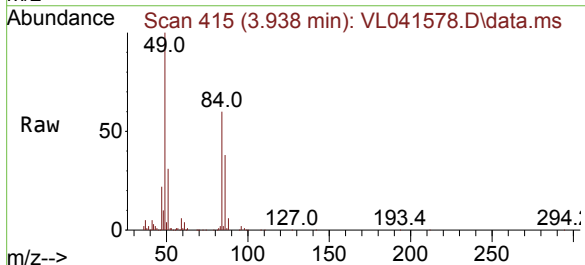
Ion Ratio Lower Upper

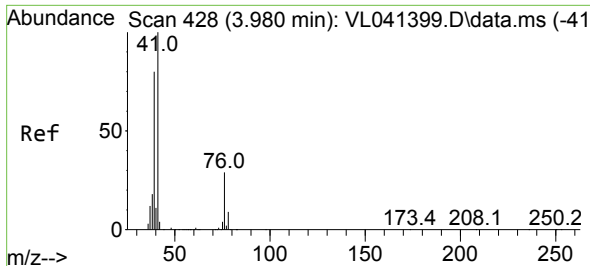
84 100

49 166.1 126.6 190.0

51 49.6 38.6 58.0

86 64.3 53.0 79.4

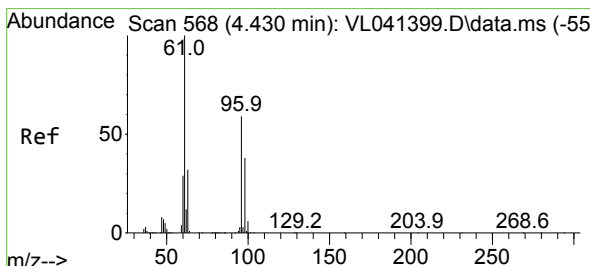
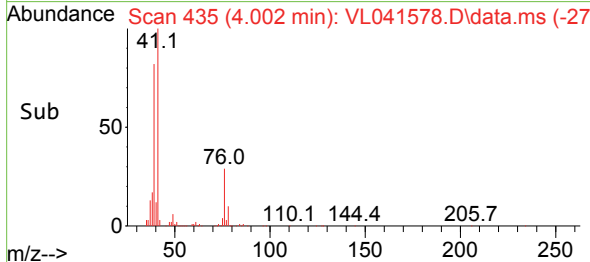
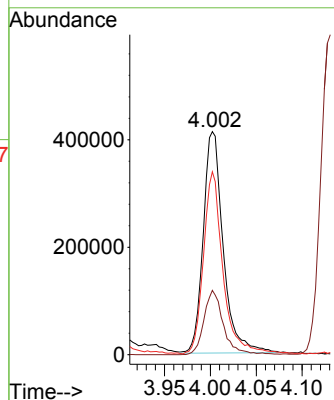
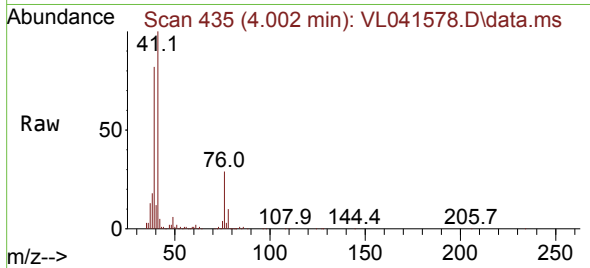




#21
 Allyl Chloride
 Concen: 8.756 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

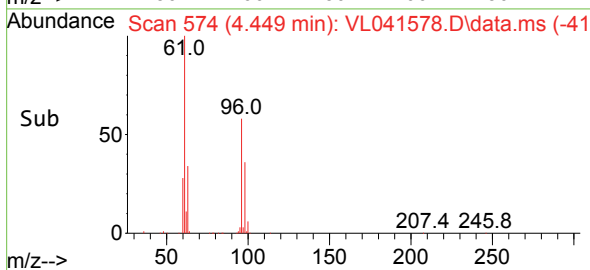
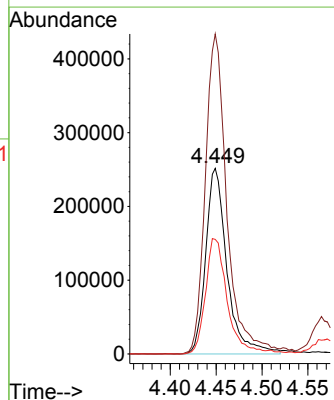
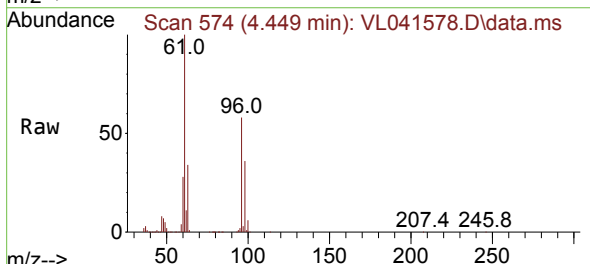
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

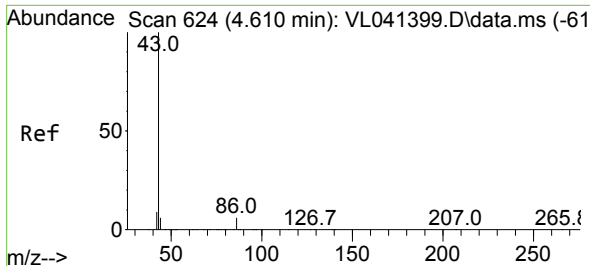
Tgt Ion: 41 Resp: 626128
 Ion Ratio Lower Upper
 41 100
 76 28.4 23.7 35.5
 39 82.5 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.003 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 96 Resp: 406561
 Ion Ratio Lower Upper
 96 100
 61 172.4 135.4 203.2
 98 61.7 51.0 76.4

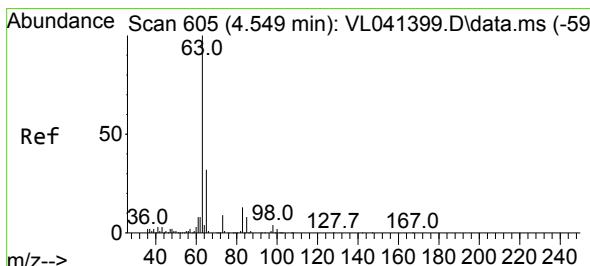
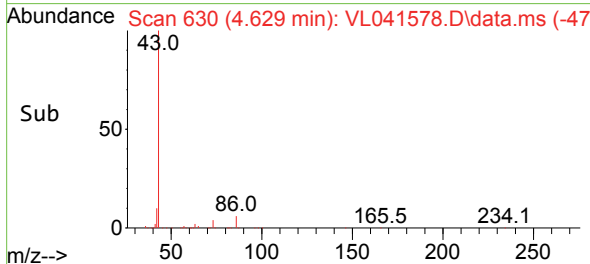
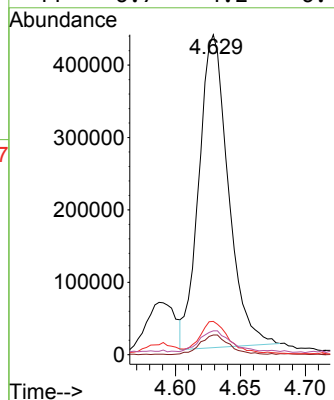
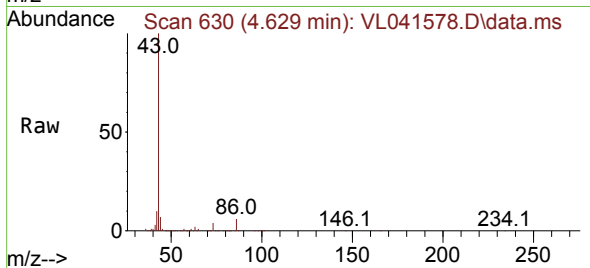




#23
 Vinyl Acetate
 Concen: 8.159 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

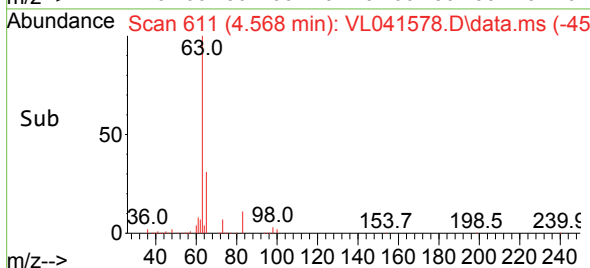
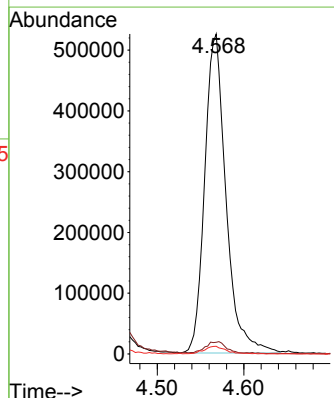
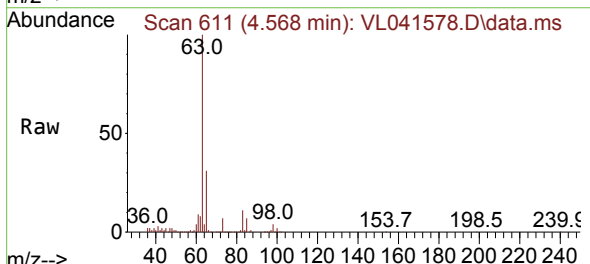
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

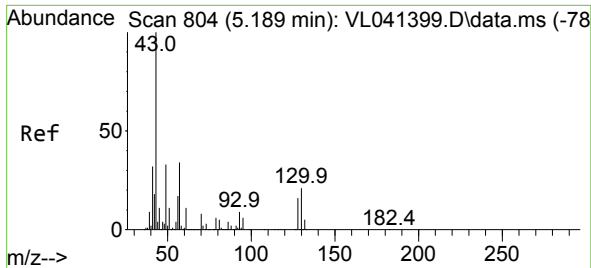
Tgt Ion:	43	Resp:	679457
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.6	6.8
42	10.3	7.9	11.9
44	6.7	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 9.126 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion:	63	Resp:	894809
Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.0	6.0
100	2.4	1.2	3.6



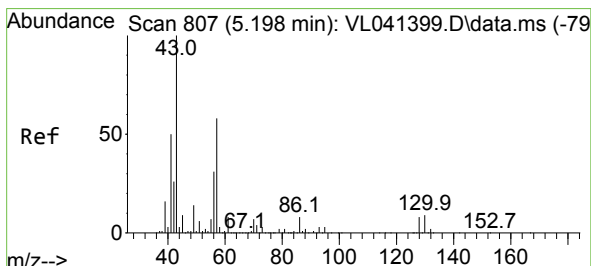
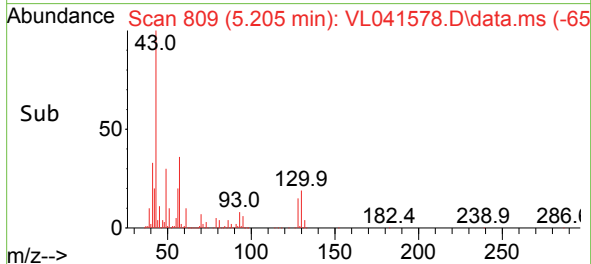
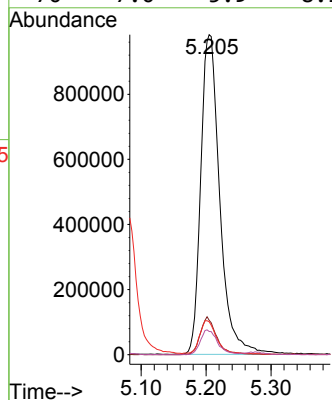
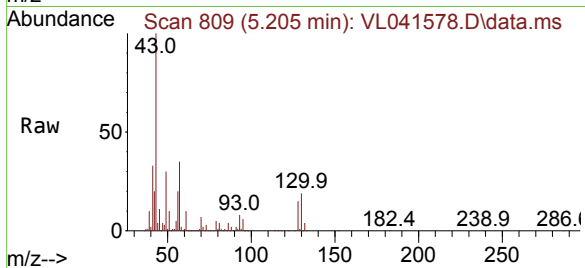


#25
Ethyl Acetate
Concen: 9.252 ppbv
RT: 5.205 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2004286

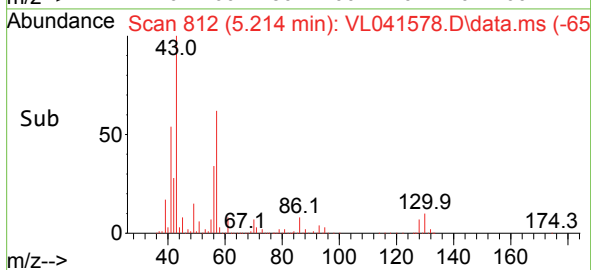
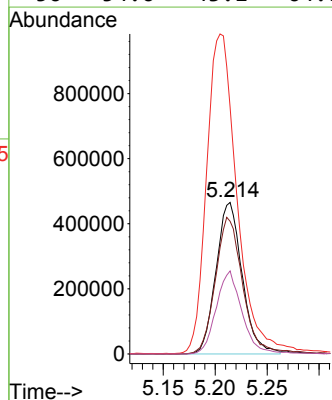
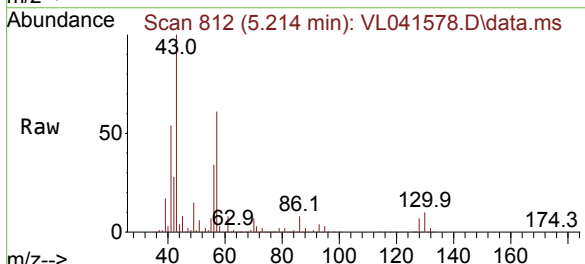
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.1	8.0	12.0
70	7.0	5.9	8.9

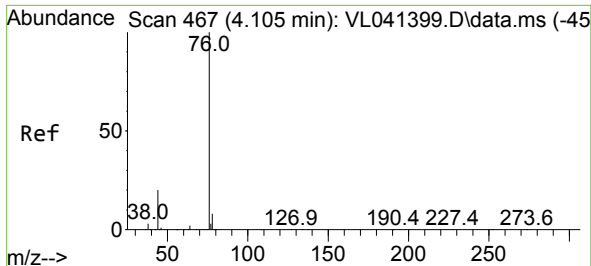


#26
Hexane
Concen: 9.058 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 57 Resp: 813991

Ion	Ratio	Lower	Upper
57	100		
41	95.5	74.0	111.0
43	247.8	193.6	290.4
56	54.6	43.1	64.7

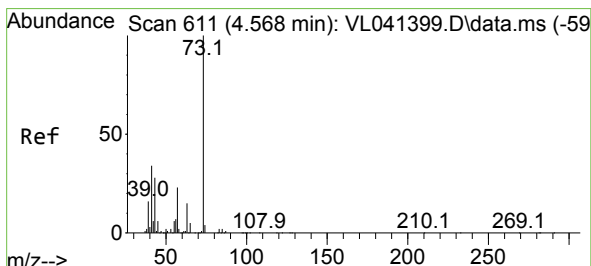
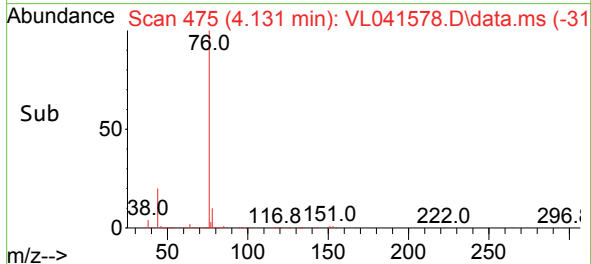
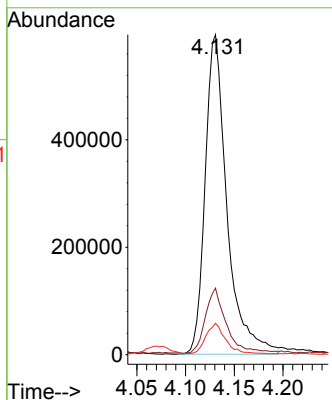
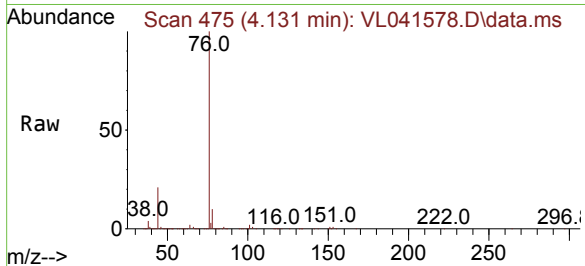




#27
Carbon Disulfide
Concen: 8.820 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

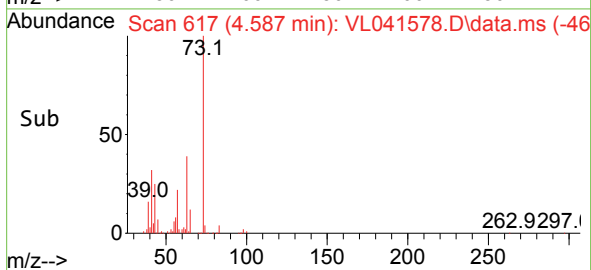
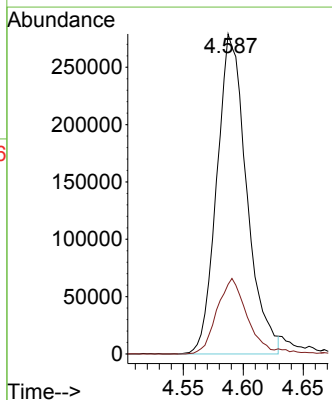
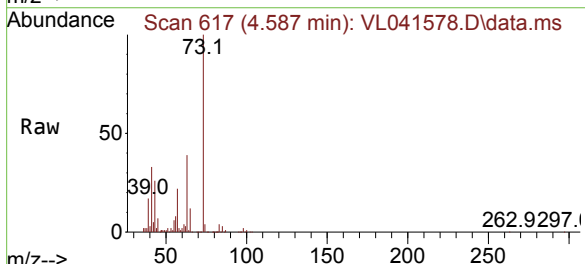
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

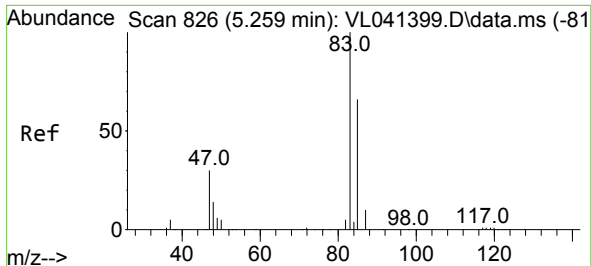
Tgt Ion: 76 Resp: 927236
Ion Ratio Lower Upper
76 100
44 19.6 15.6 23.4
78 9.4 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 8.499 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 73 Resp: 481623
Ion Ratio Lower Upper
73 100
57 24.8 18.9 28.3





#29

Chloroform

Concen: 8.807 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

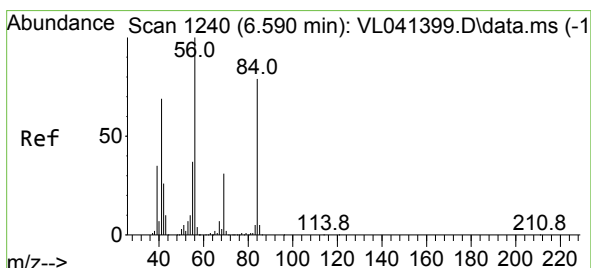
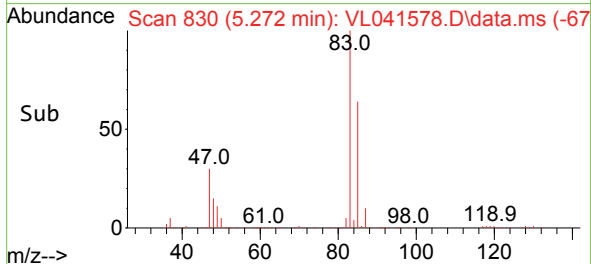
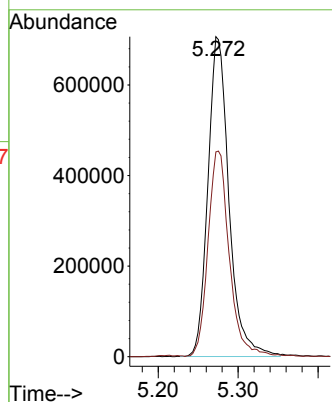
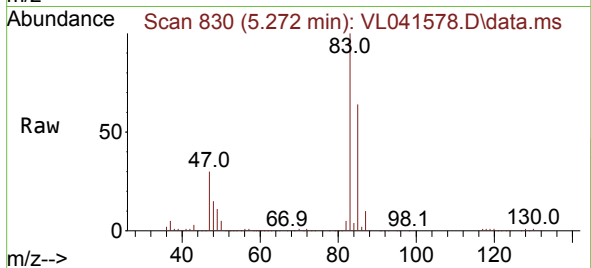
VSTDCCC010

Tgt Ion: 83 Resp: 1290837

Ion Ratio Lower Upper

83 100

85 63.7 53.1 79.7



#30

Cyclohexane

Concen: 9.474 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

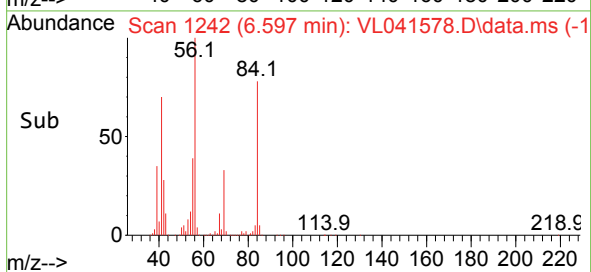
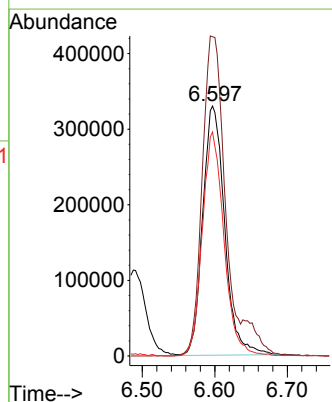
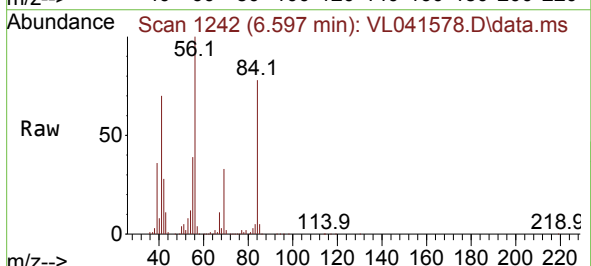
Tgt Ion: 84 Resp: 693311

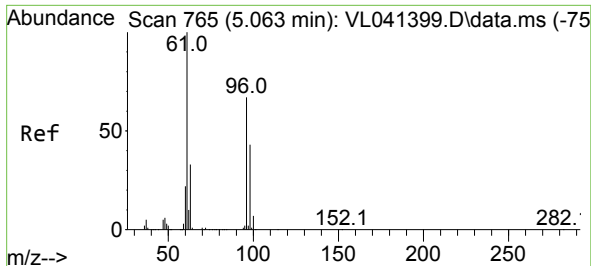
Ion Ratio Lower Upper

84 100

56 140.1 111.2 166.8

41 88.5 70.3 105.5

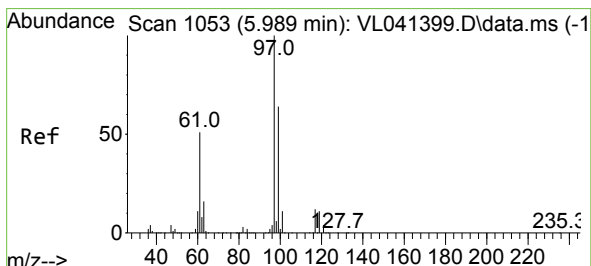
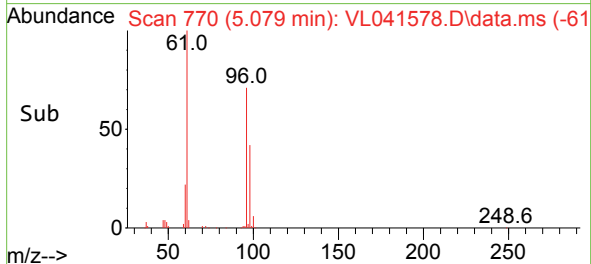
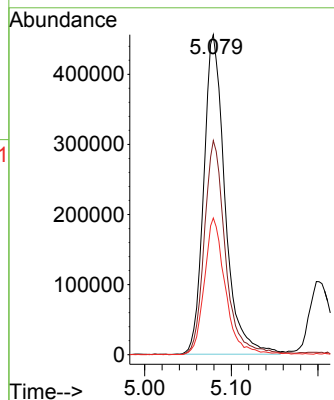
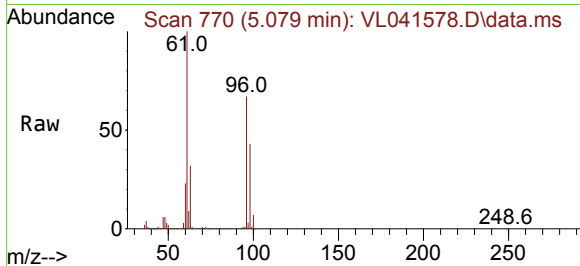




#31
 cis-1,2-Dichloroethene
 Concen: 8.755 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

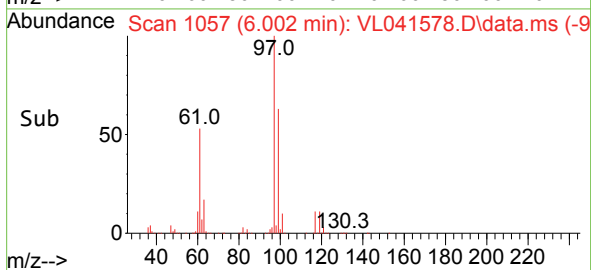
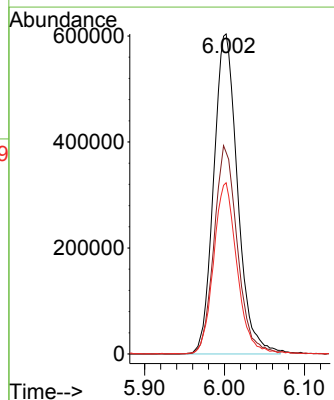
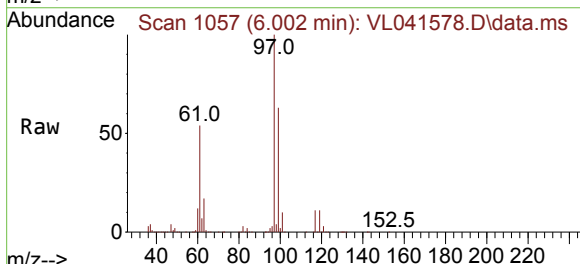
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

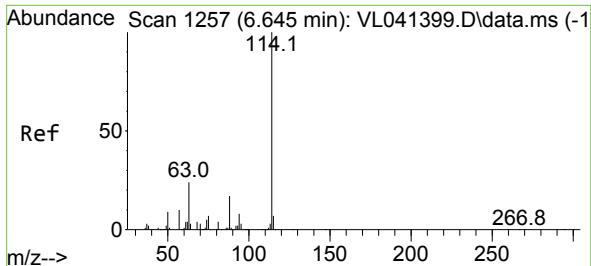
Tgt Ion: 61 Resp: 777184
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.4 80.2
 98 42.7 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 8.760 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 97 Resp: 1249830
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.0 78.0
 61 52.9 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

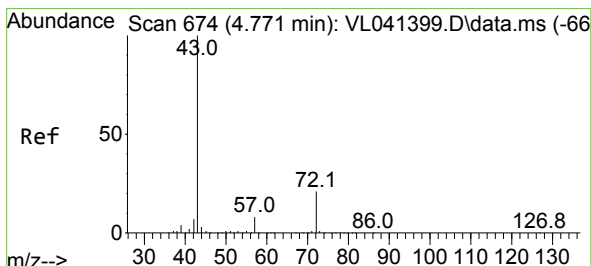
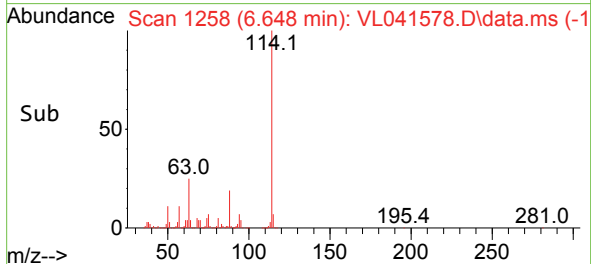
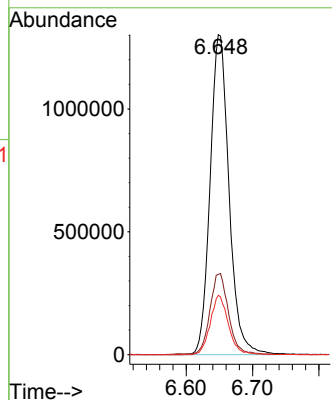
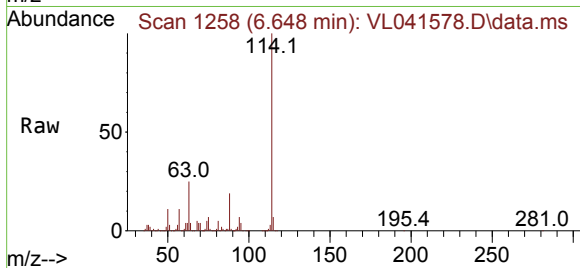
Tgt Ion:114 Resp: 2578849

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 9.023 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL041578.D

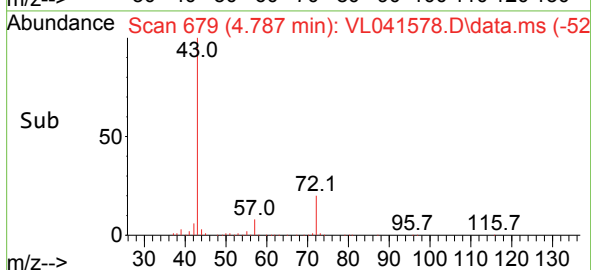
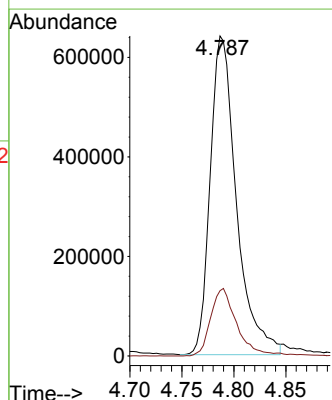
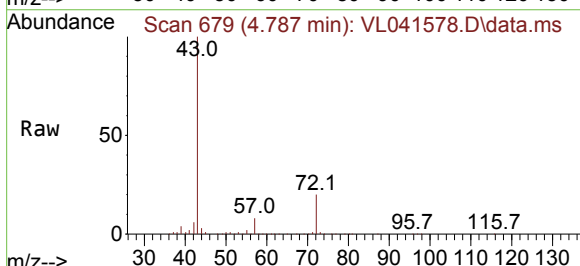
Acq: 22 Aug 2024 8:12

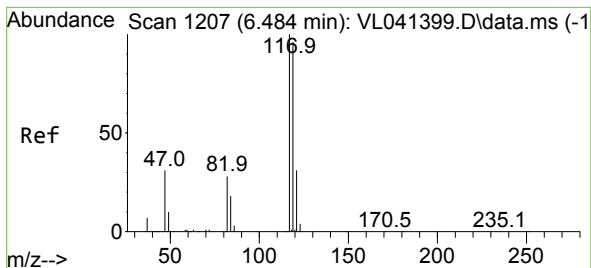
Tgt Ion: 43 Resp: 1125640

Ion Ratio Lower Upper

43 100

72 21.6 17.3 25.9





#35

Carbon Tetrachloride

Concen: 9.226 ppbv

RT: 6.491 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

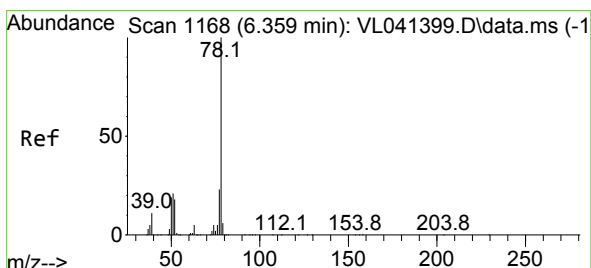
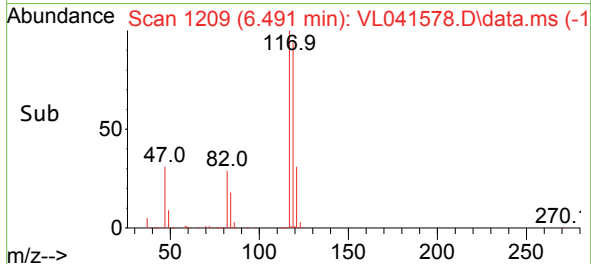
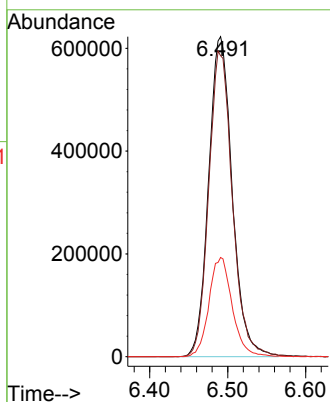
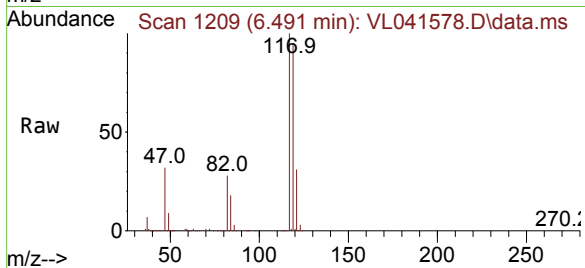
Tgt Ion:117 Resp: 1312241

Ion Ratio Lower Upper

117 100

119 94.0 76.6 115.0

121 31.0 25.1 37.7



#36

Benzene

Concen: 9.237 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

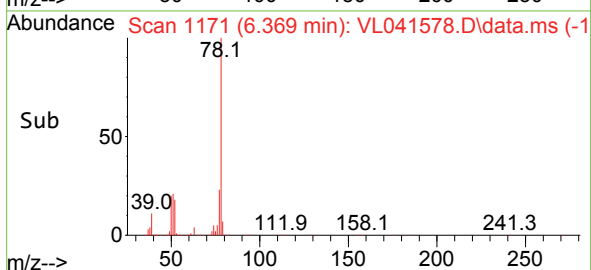
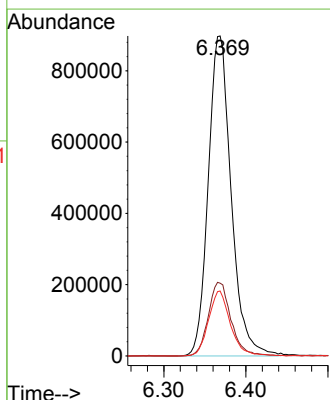
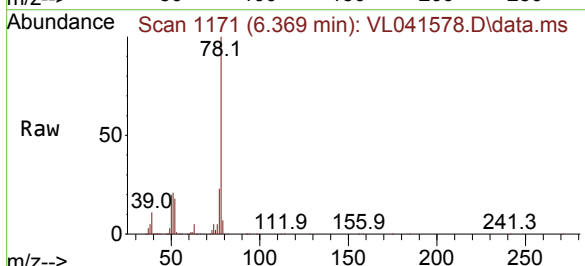
Tgt Ion: 78 Resp: 1740518

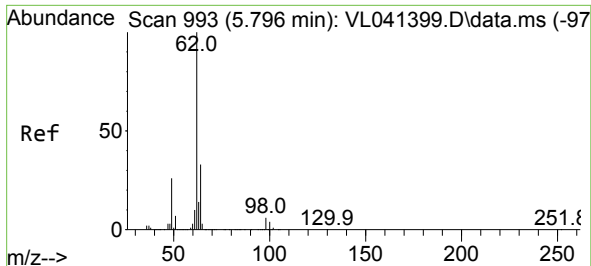
Ion Ratio Lower Upper

78 100

77 22.7 18.1 27.1

50 20.3 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.268 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

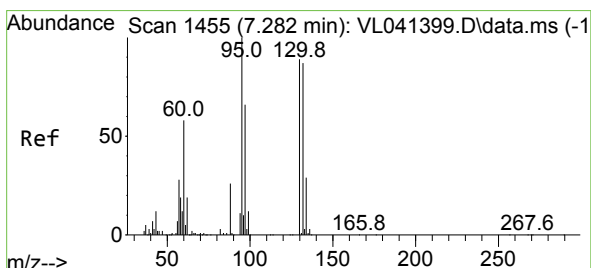
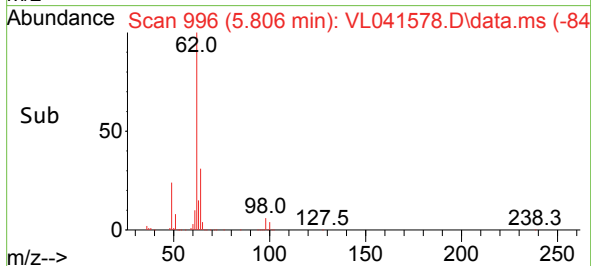
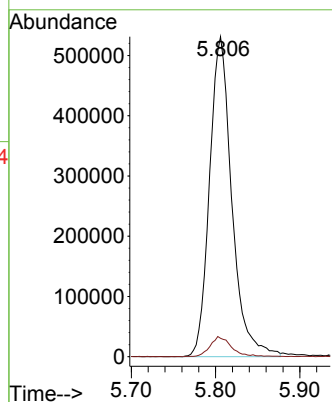
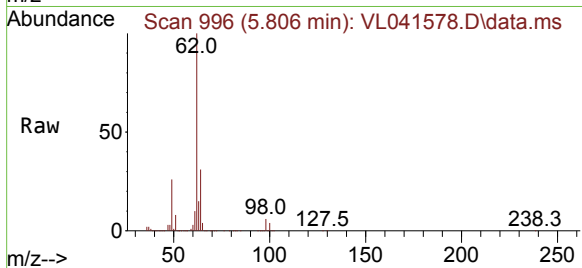
VSTDCCC010

Tgt Ion: 62 Resp: 977454

Ion Ratio Lower Upper

62 100

98 6.2 5.0 7.4



#38

Trichloroethene

Concen: 9.828 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Tgt Ion:130 Resp: 848446

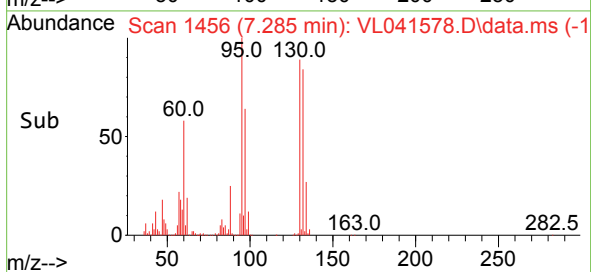
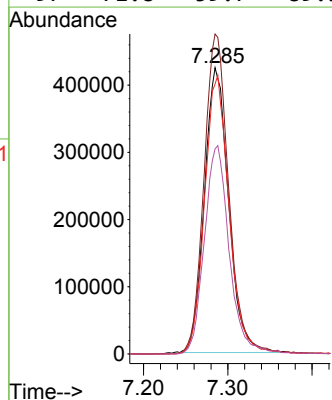
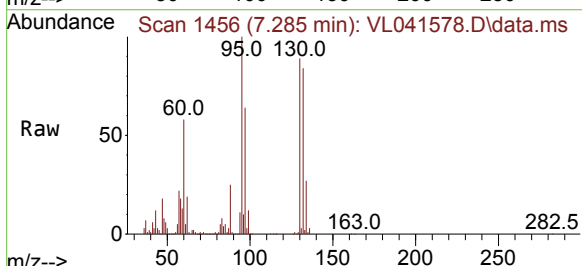
Ion Ratio Lower Upper

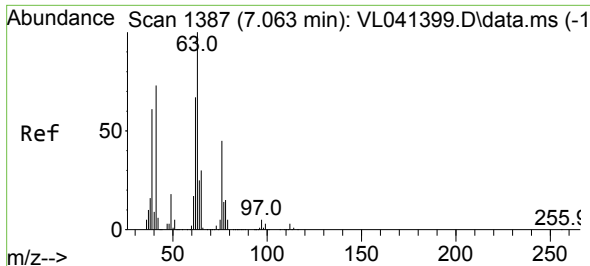
130 100

95 112.0 90.2 135.2

132 94.4 78.1 117.1

97 71.8 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.406 ppbv

RT: 7.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

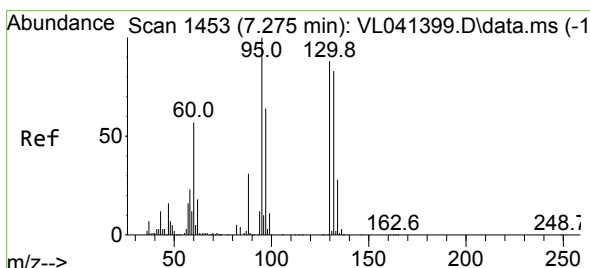
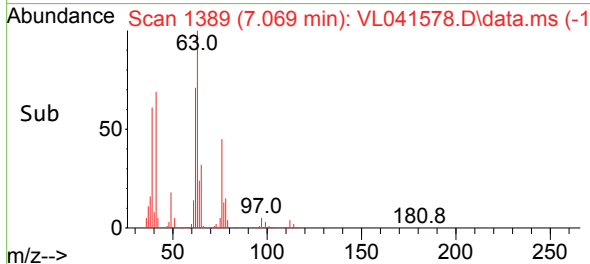
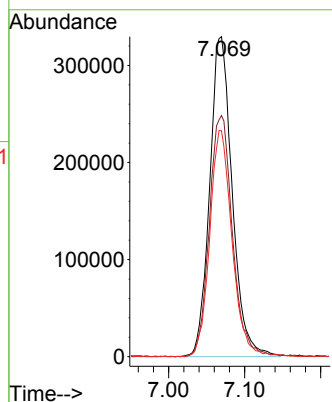
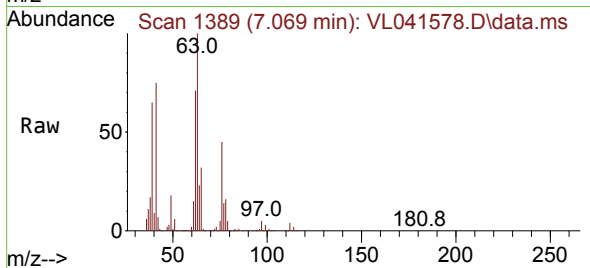
Tgt Ion: 63 Resp: 678564

Ion Ratio Lower Upper

63 100

41 75.1 58.3 87.5

62 70.6 53.9 80.9



#40

1,4-Dioxane

Concen: 9.341 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Tgt Ion: 88 Resp: 270698

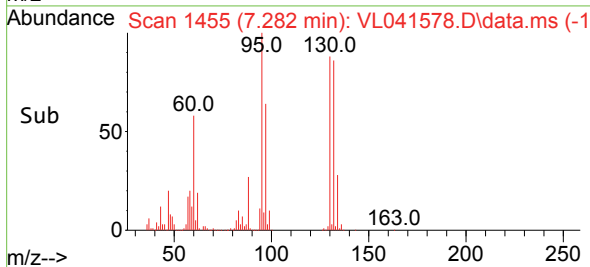
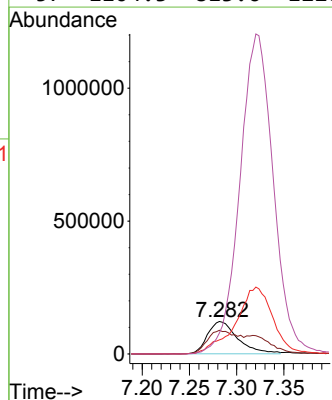
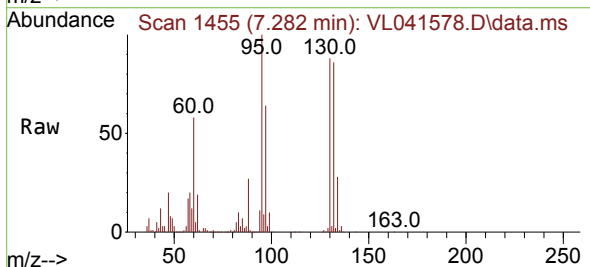
Ion Ratio Lower Upper

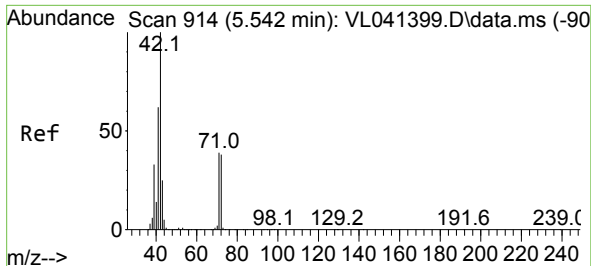
88 100

58 124.0 95.8 143.6

43 256.6 188.2 282.2

57 1104.3 813.6 1220.4





#41

Tetrahydrofuran

Concen: 9.889 ppbv

RT: 5.558 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

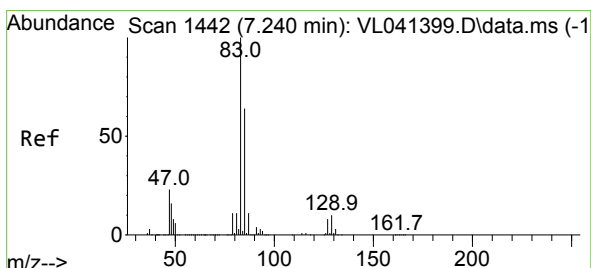
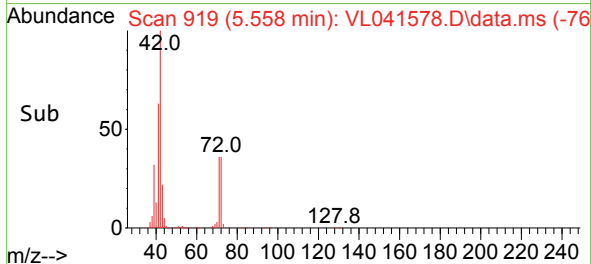
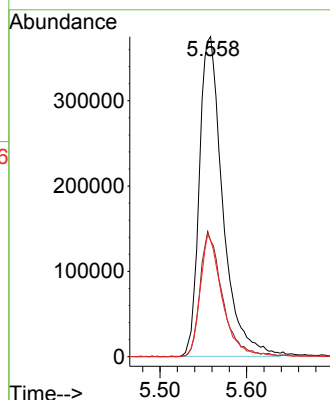
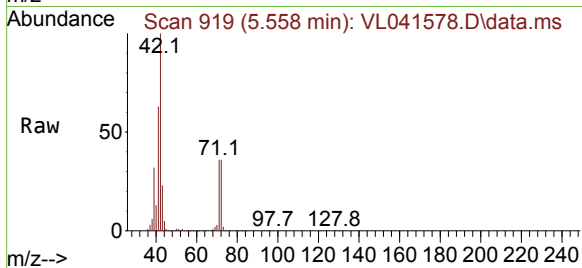
Tgt Ion: 42 Resp: 705576

Ion Ratio Lower Upper

42 100

72 37.9 31.2 46.8

71 36.1 30.5 45.7



#42

Bromodichloromethane

Concen: 9.144 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

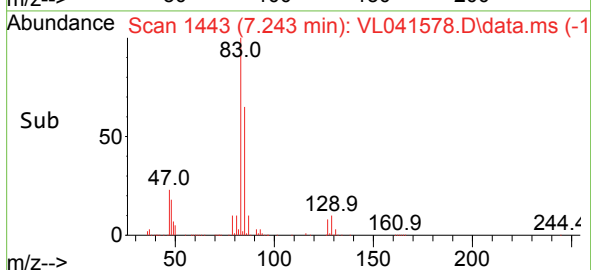
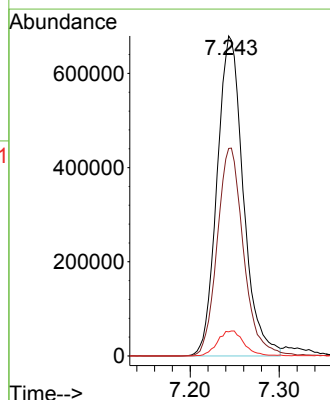
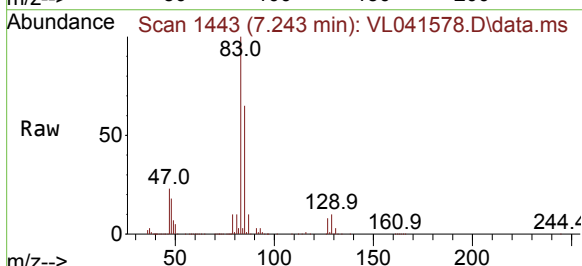
Tgt Ion: 83 Resp: 1392464

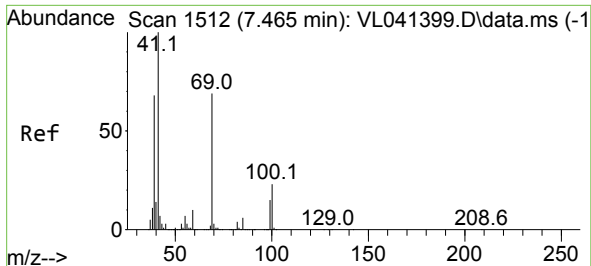
Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

127 7.6 6.7 10.1

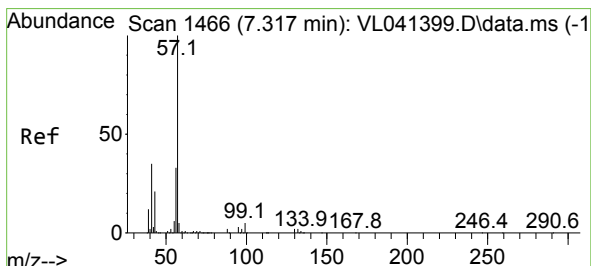
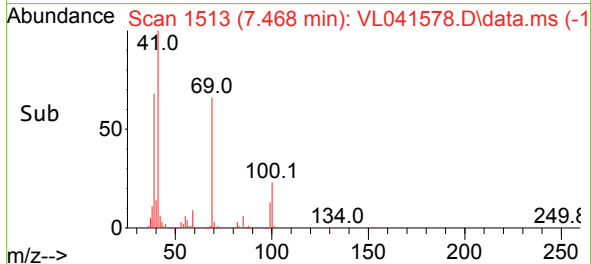
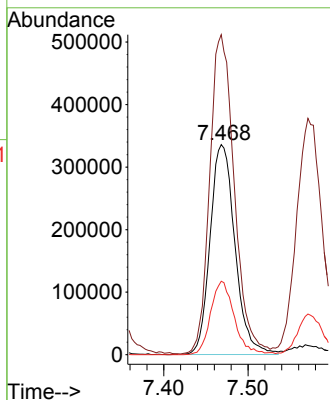
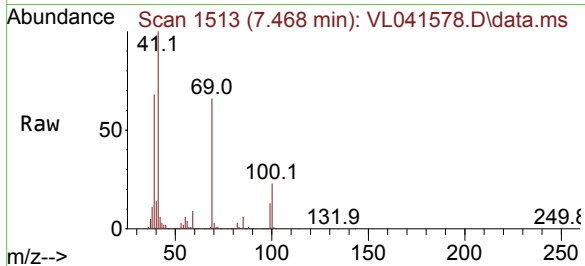




#43
Methyl Methacrylate
Concen: 10.162 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

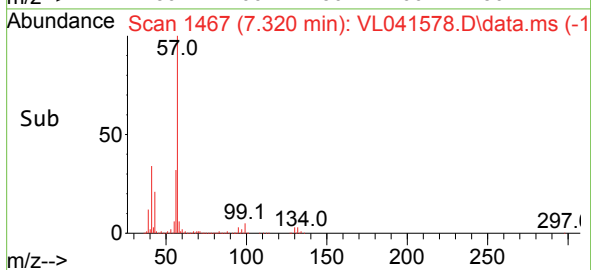
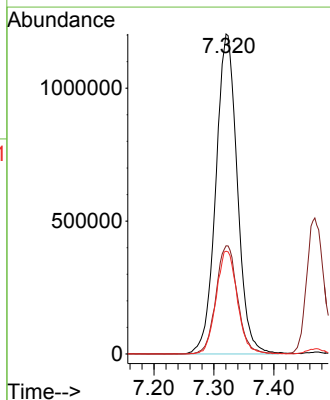
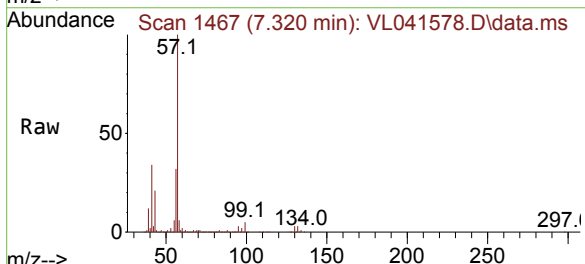
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

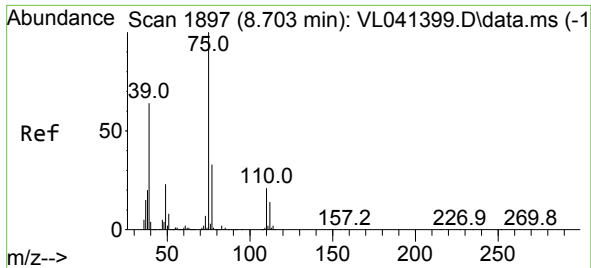
Tgt Ion: 69 Resp: 686671
Ion Ratio Lower Upper
69 100
41 150.9 118.7 178.1
100 33.5 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 9.474 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 57 Resp: 2981605
Ion Ratio Lower Upper
57 100
41 34.0 27.0 40.6
56 31.8 25.2 37.8

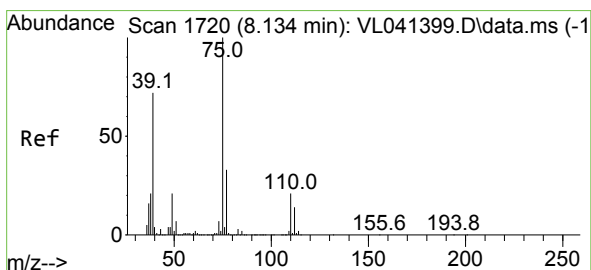
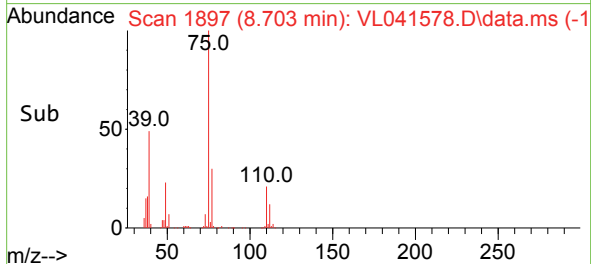
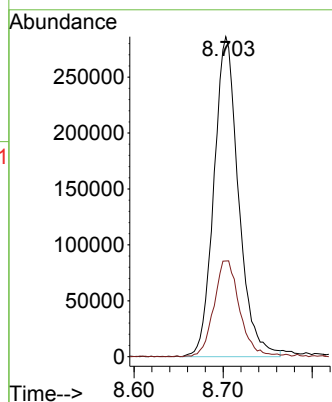
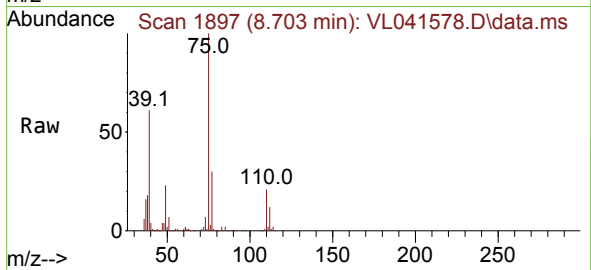




#45
 t-1,3-Dichloropropene
 Concen: 8.844 ppbv
 RT: 8.703 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

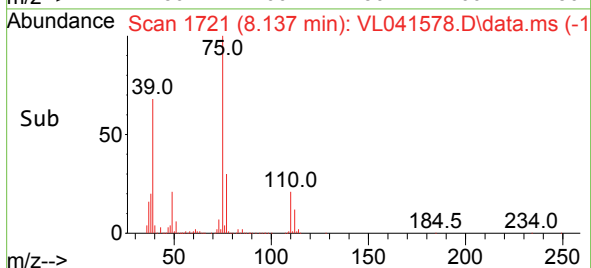
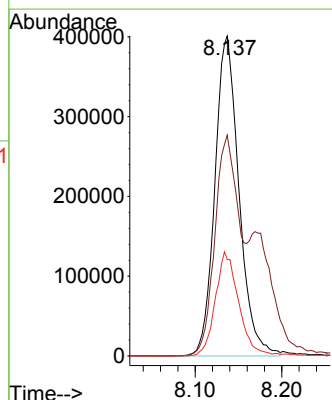
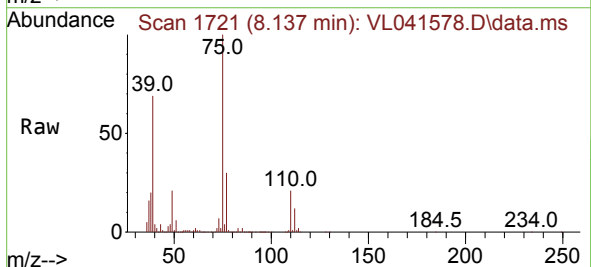
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

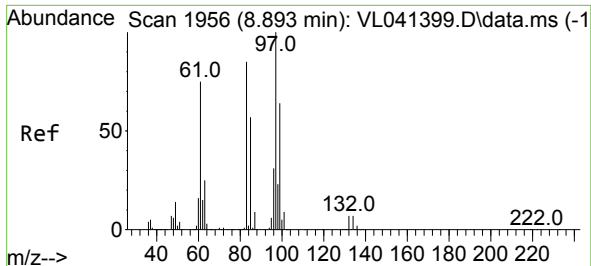
Tgt Ion: 75 Resp: 550028
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 8.634 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 75 Resp: 775442
 Ion Ratio Lower Upper
 75 100
 39 68.9 57.3 85.9
 77 30.1 26.2 39.2

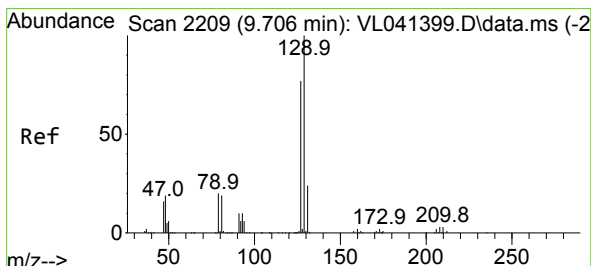
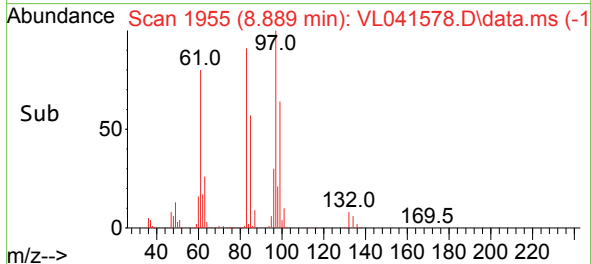
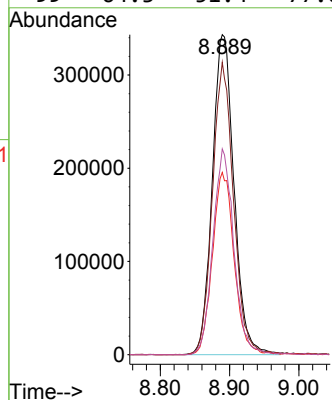
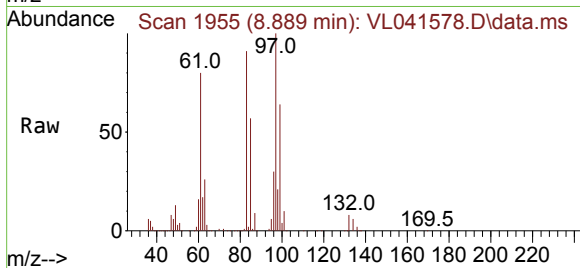




#47
1,1,2-Trichloroethane
Concen: 9.401 ppbv
RT: 8.889 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

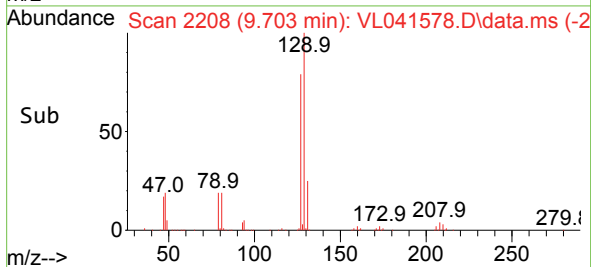
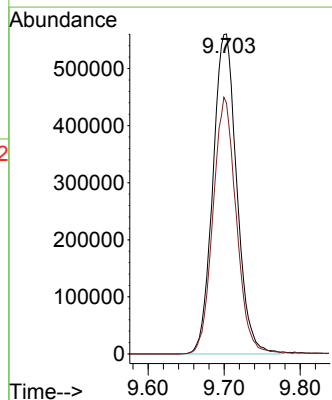
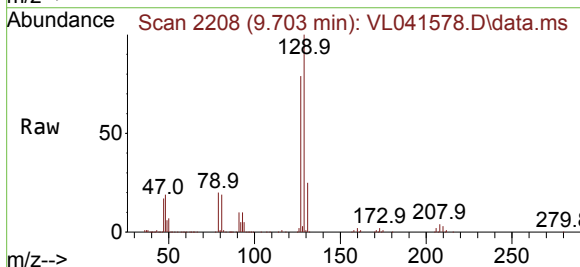
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

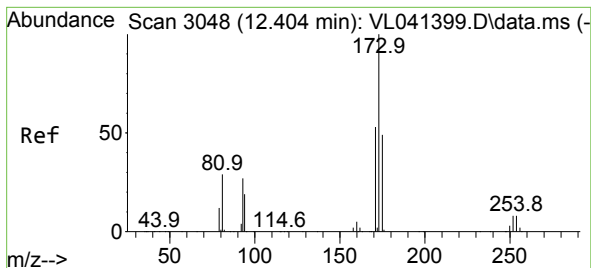
Tgt Ion: 97 Resp: 747560
Ion Ratio Lower Upper
97 100
83 91.2 67.6 101.4
85 57.0 45.9 68.9
99 64.3 51.4 77.0



#48
Dibromochloromethane
Concen: 9.543 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 129 Resp: 1222551
Ion Ratio Lower Upper
129 100
127 78.7 39.3 117.8





#49

Bromoform

Concen: 10.655 ppbv

RT: 12.397 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

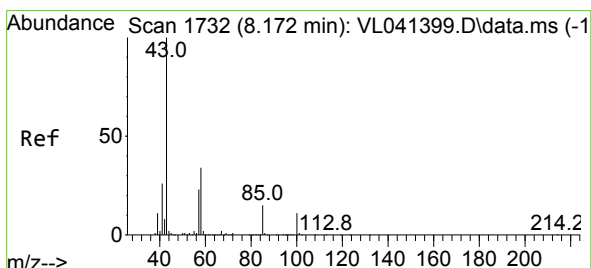
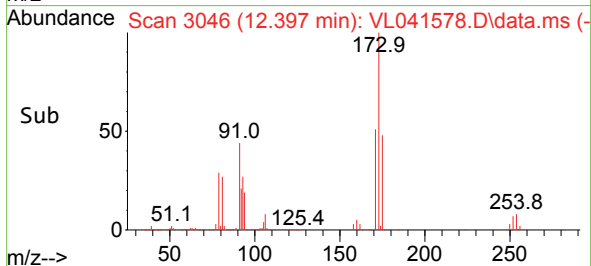
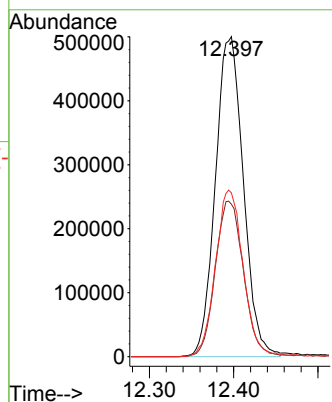
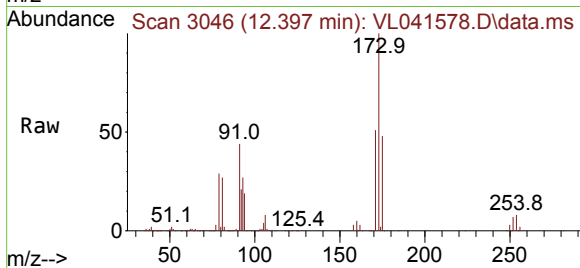
Tgt Ion:173 Resp: 1153004

Ion Ratio Lower Upper

173 100

175 49.6 39.9 59.9

171 51.8 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.062 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL041578.D

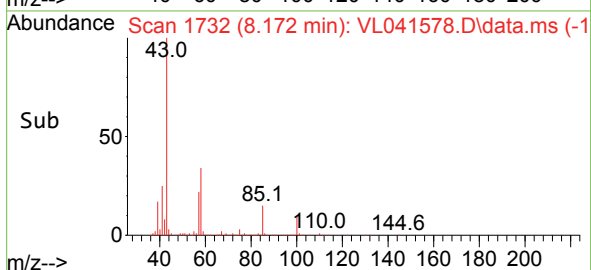
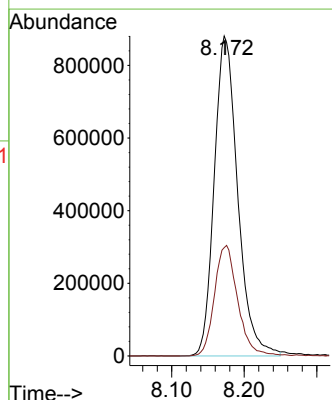
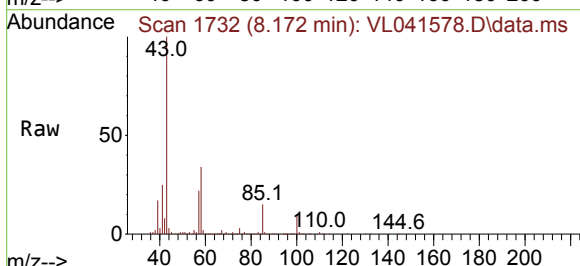
Acq: 22 Aug 2024 8:12

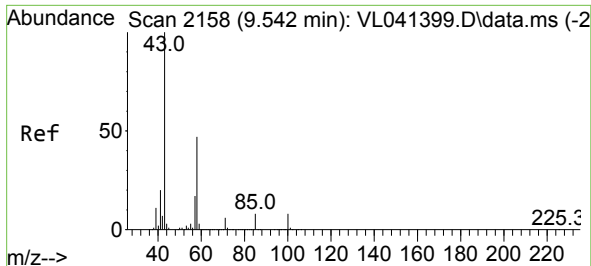
Tgt Ion: 43 Resp: 1980430

Ion Ratio Lower Upper

43 100

58 34.5 27.9 41.9

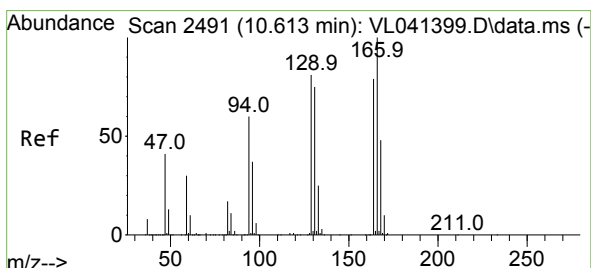
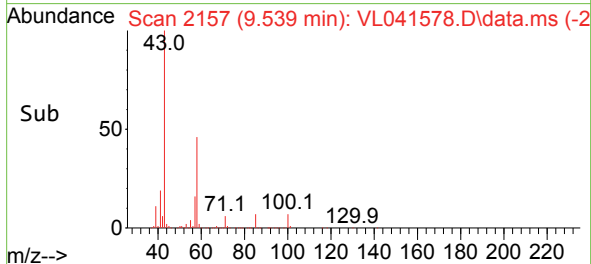
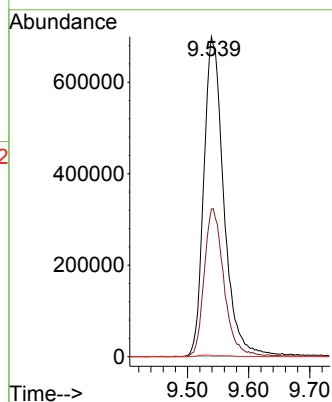
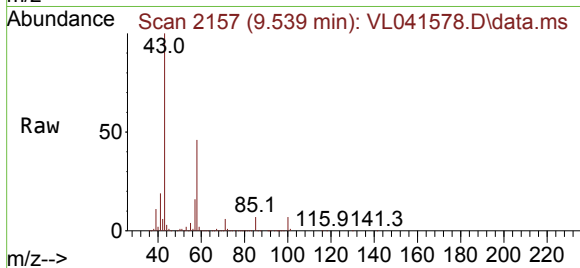




#51
2-Hexanone
Concen: 10.682 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

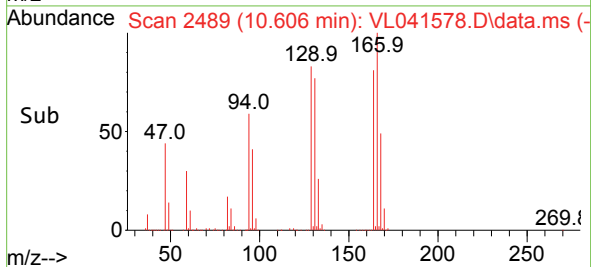
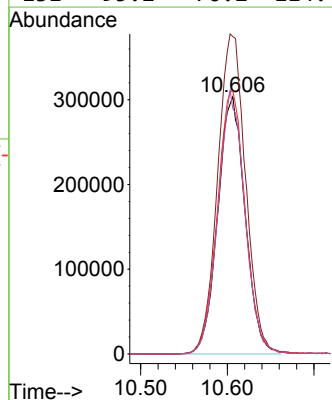
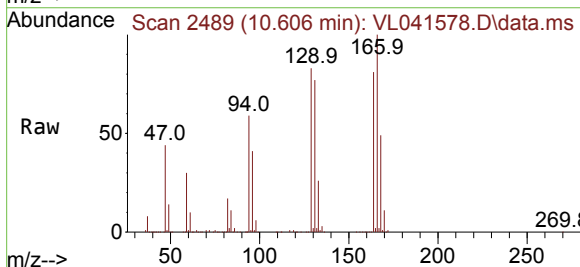
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

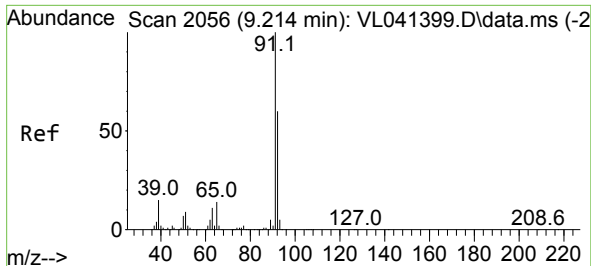
Tgt Ion: 43 Resp: 1589662
Ion Ratio Lower Upper
43 100
58 45.9 38.2 57.2
98 0.7 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.143 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 164 Resp: 665752
Ion Ratio Lower Upper
164 100
166 123.4 101.1 151.7
129 102.1 81.7 122.5
131 95.2 76.2 114.4

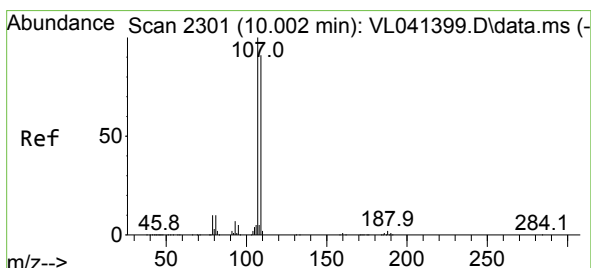
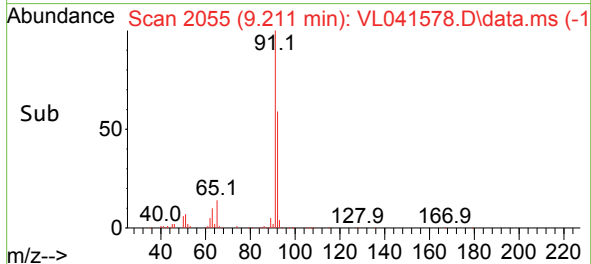
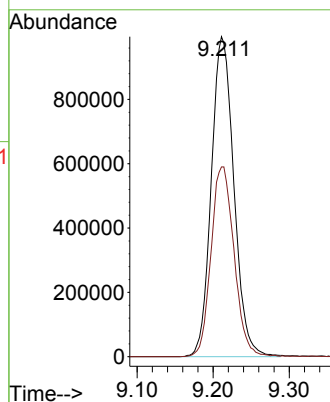
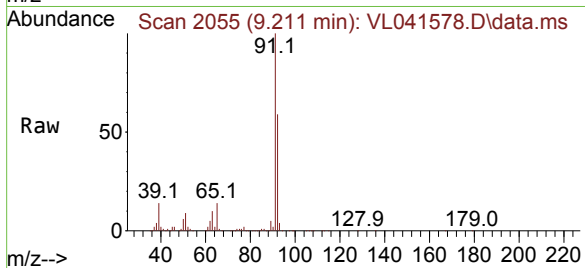




#53
Toluene
Concen: 9.775 ppbv
RT: 9.211 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

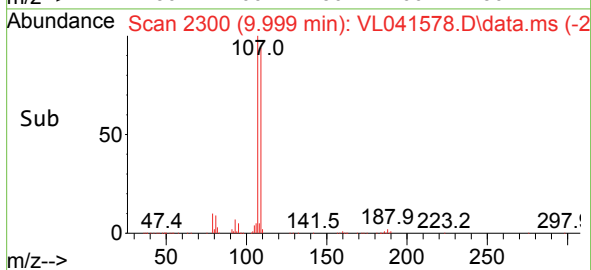
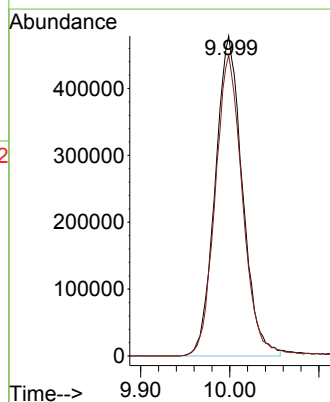
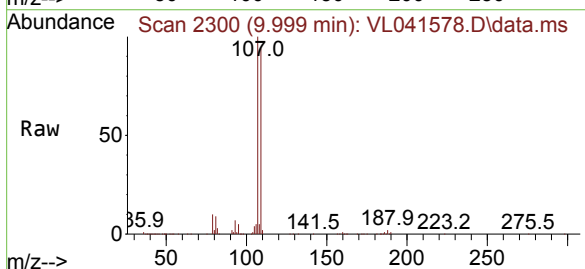
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

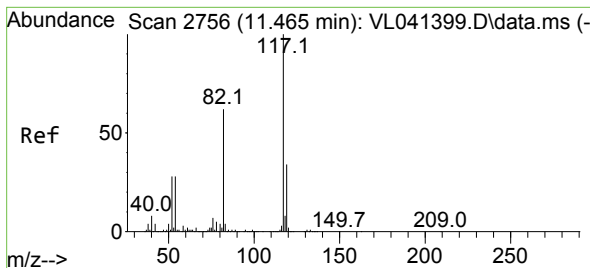
Tgt Ion: 91 Resp: 2051709
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1



#54
1,2-Dibromoethane
Concen: 9.587 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 107 Resp: 1014769
Ion Ratio Lower Upper
107 100
109 94.1 72.7 109.1

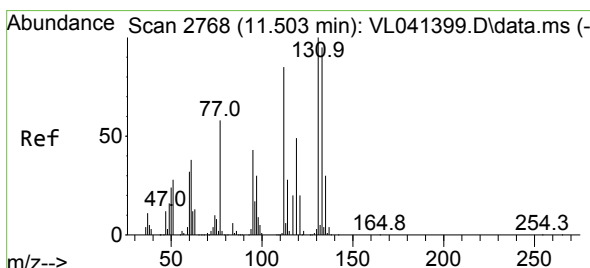
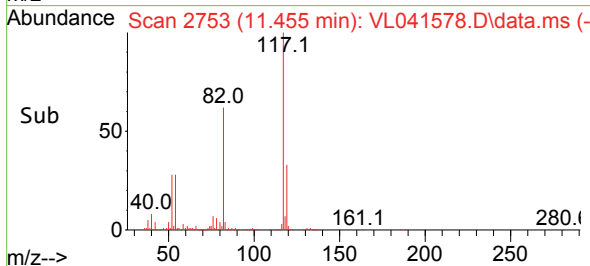
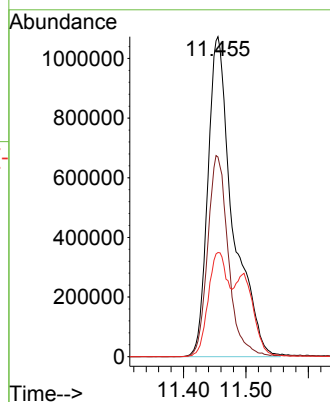
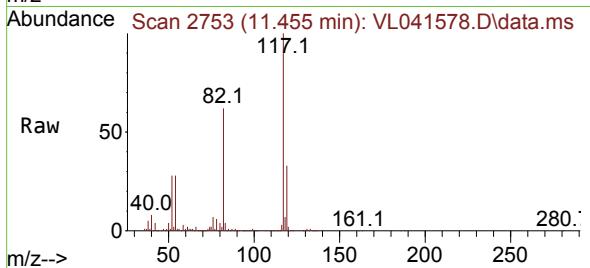




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

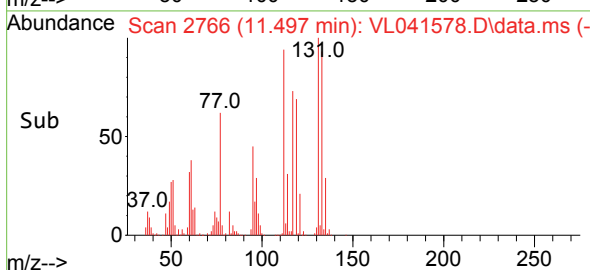
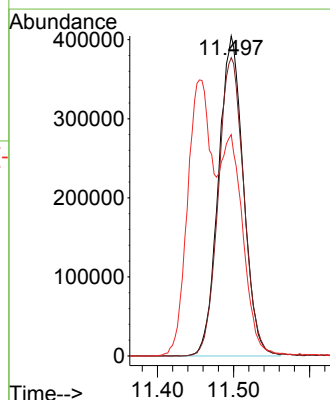
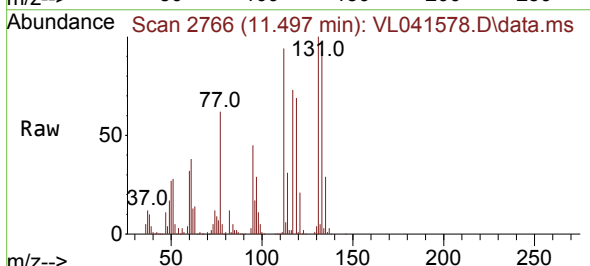
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

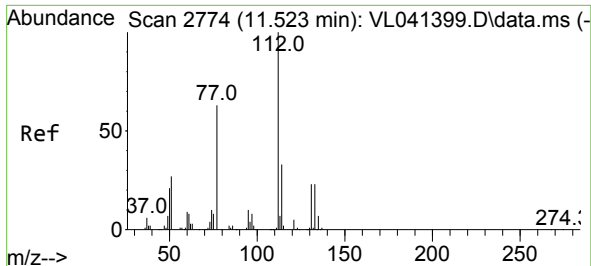
Tgt Ion:117 Resp: 2988958
Ion Ratio Lower Upper
117 100
82 52.6 51.0 76.6
119 26.5 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.935 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion:131 Resp: 919797
Ion Ratio Lower Upper
131 100
133 95.9 77.0 115.4
119 60.0 121.5 182.3#

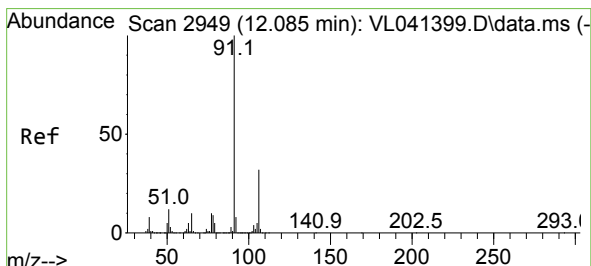
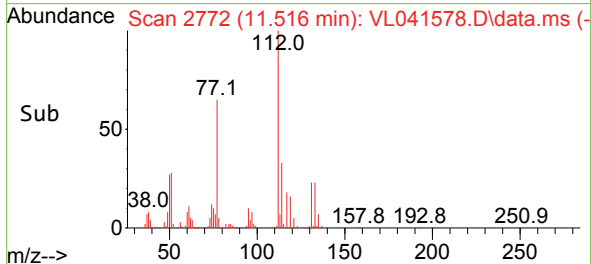
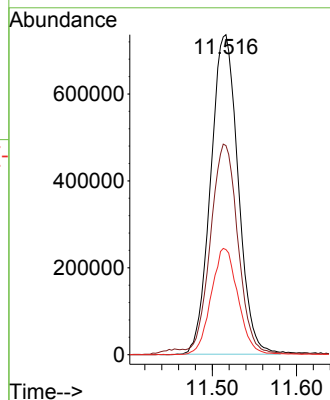
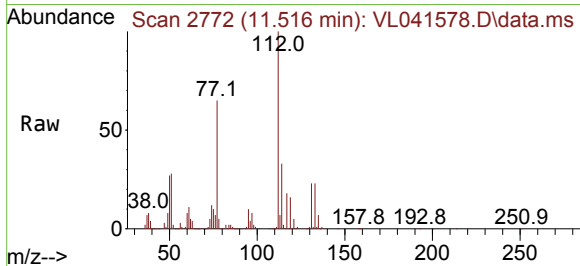




#57
Chlorobenzene
Concen: 7.821 ppbv
RT: 11.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

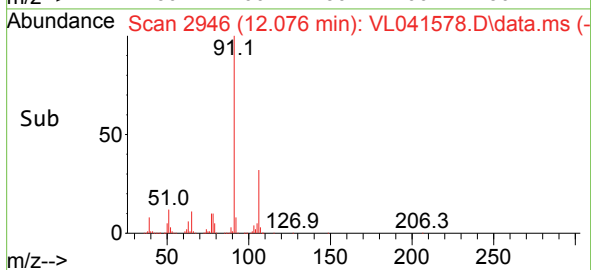
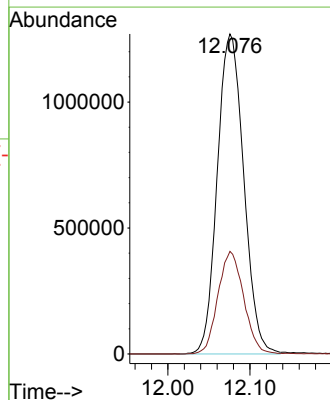
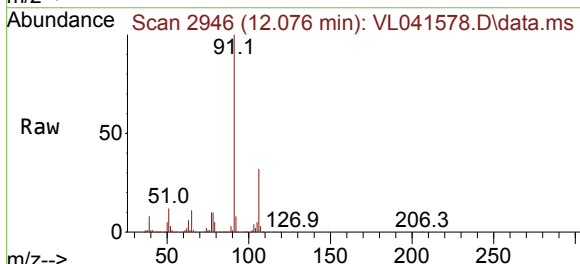
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

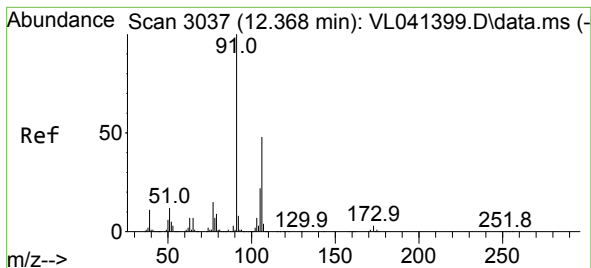
Tgt Ion:112 Resp: 1664457
Ion Ratio Lower Upper
112 100
77 64.9 51.1 76.7
114 32.8 29.5 36.1



#58
Ethyl Benzene
Concen: 8.265 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 91 Resp: 2847394
Ion Ratio Lower Upper
91 100
106 32.0 25.8 38.8

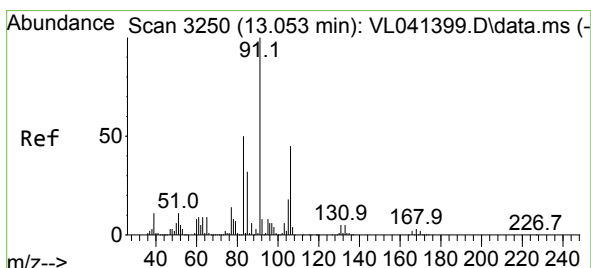
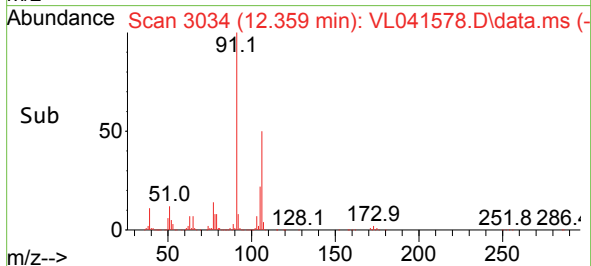
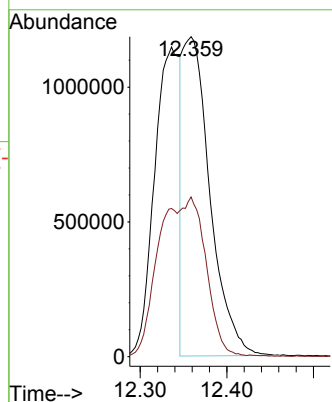
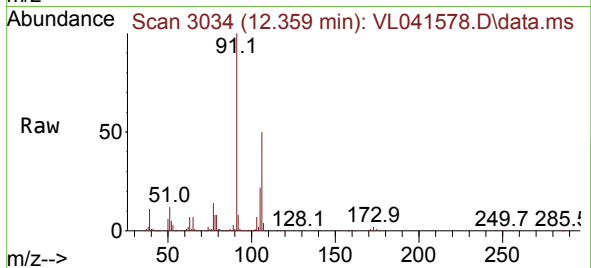




#59
m/p-Xylene
Concen: 8.765 ppbv
RT: 12.359 min Scan# 3037
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

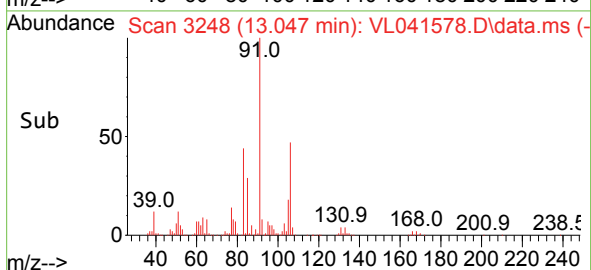
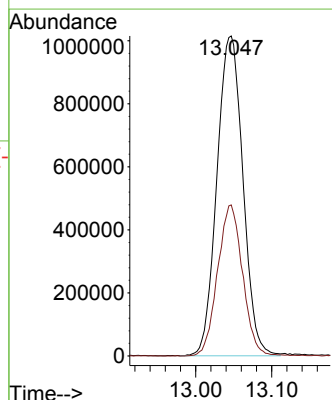
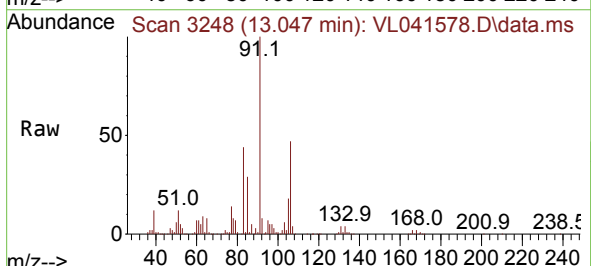
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

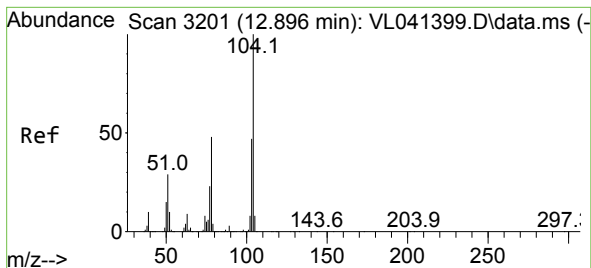
Tgt Ion: 91 Resp: 2606781
Ion Ratio Lower Upper
91 100
106 86.1 36.3 54.5#



#60
o-Xylene
Concen: 8.565 ppbv
RT: 13.047 min Scan# 3248
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 91 Resp: 2409614
Ion Ratio Lower Upper
91 100
106 45.4 23.1 69.3





#61

Styrene

Concen: 9.099 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

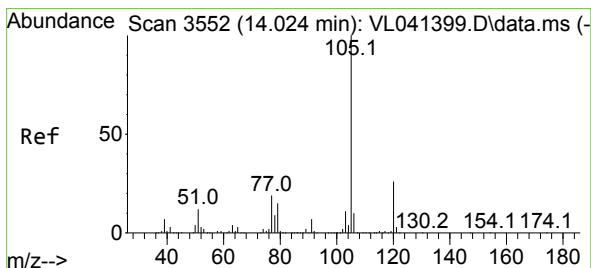
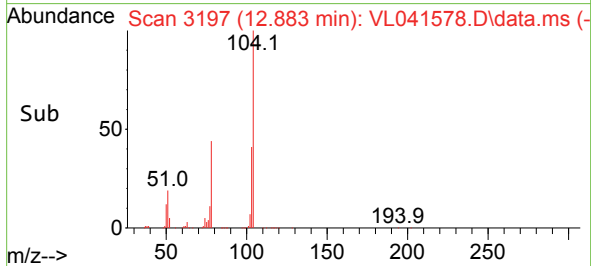
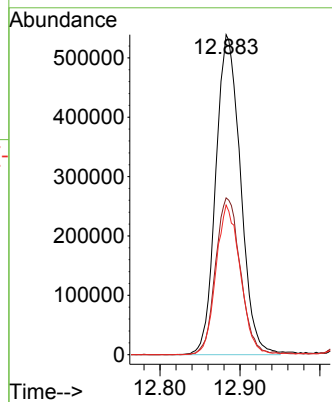
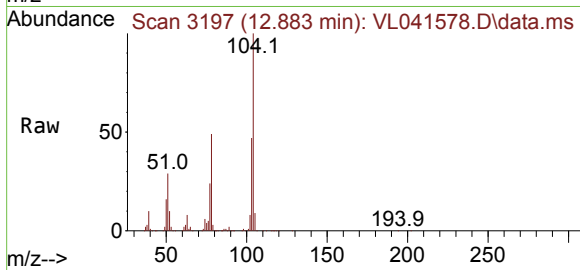
Tgt Ion:104 Resp: 1154847

Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

103 46.6 38.2 57.4



#62

Isopropylbenzene

Concen: 8.255 ppbv

RT: 14.015 min Scan# 3549

Delta R.T. 0.000 min

Lab File: VL041578.D

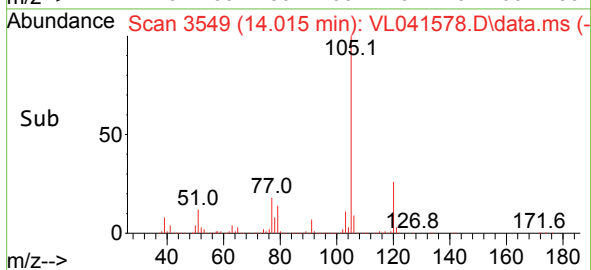
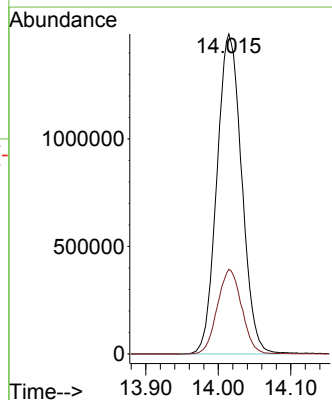
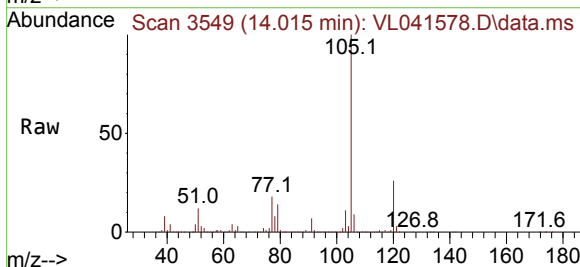
Acq: 22 Aug 2024 8:12

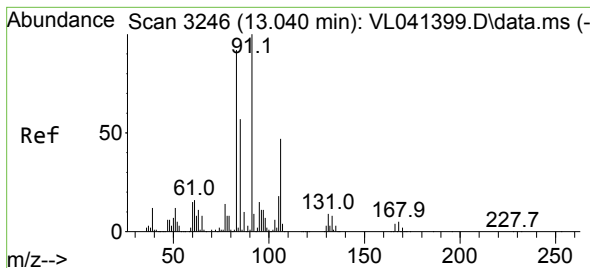
Tgt Ion:105 Resp: 3530699

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.4

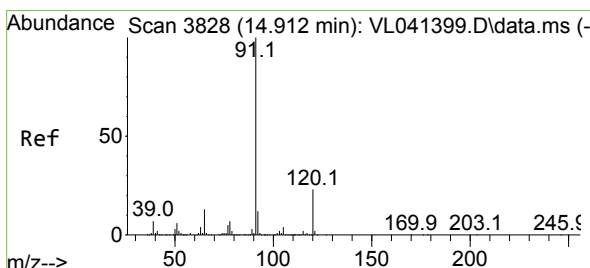
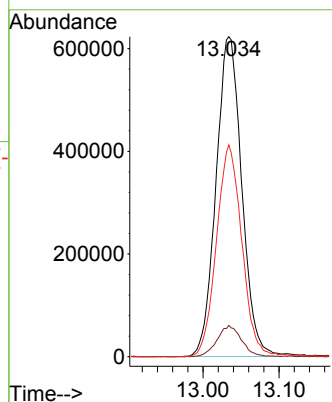
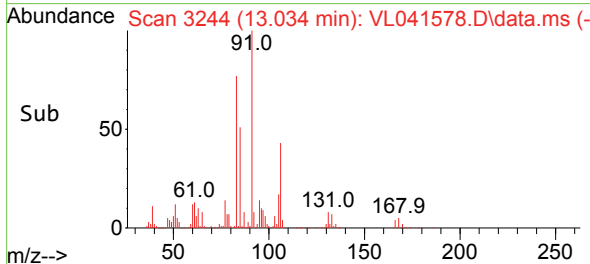
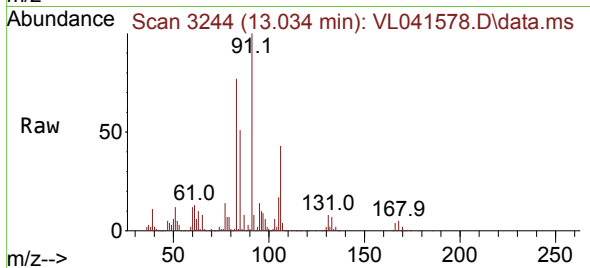




#63
1,1,2,2-Tetrachloroethane
Concen: 8.238 ppbv
RT: 13.034 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

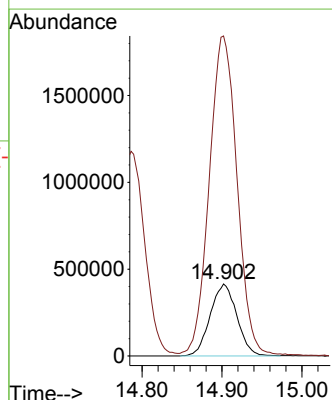
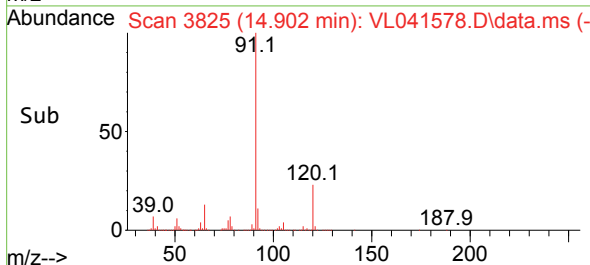
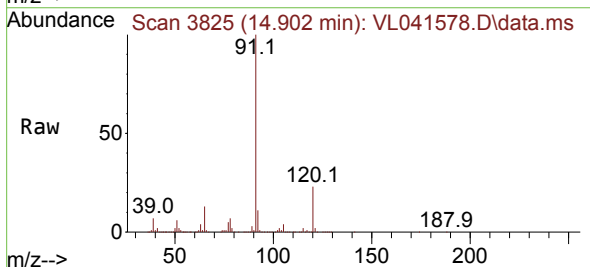
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

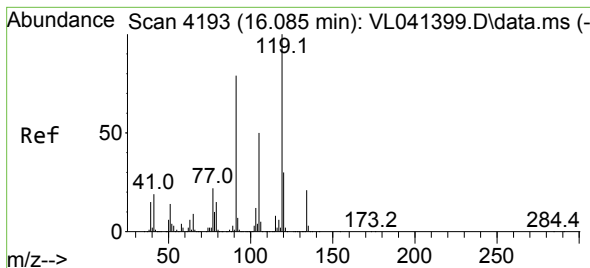
Tgt Ion: 83 Resp: 1463446
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.8 32.6 98.0



#64
n-propylbenzene
Concen: 8.587 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion:120 Resp: 960147
Ion Ratio Lower Upper
120 100
91 465.0 361.4 542.0

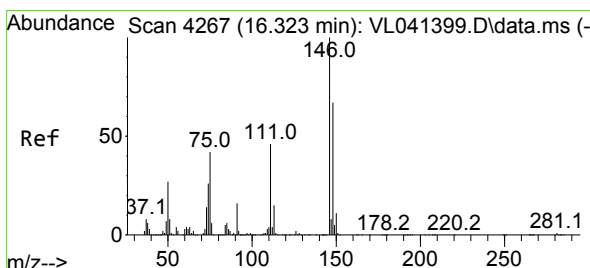
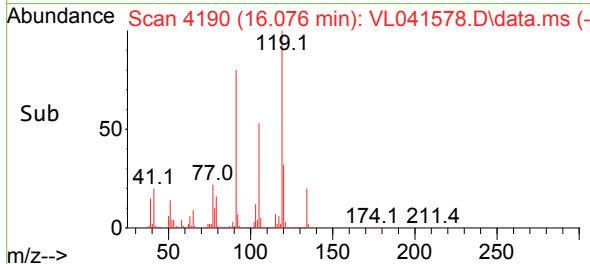
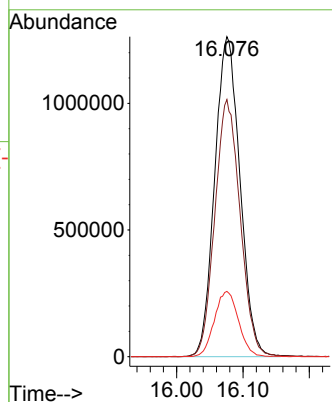
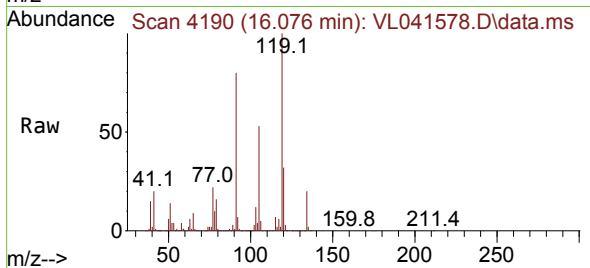




#65
tert-Butylbenzene
Concen: 8.649 ppbv
RT: 16.076 min Scan# 4193
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

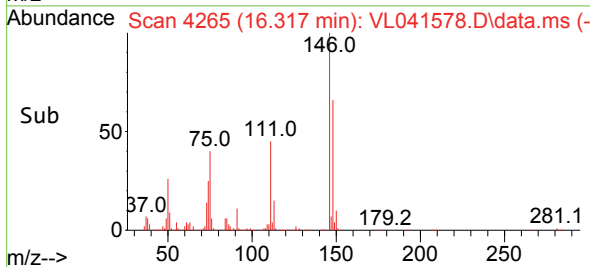
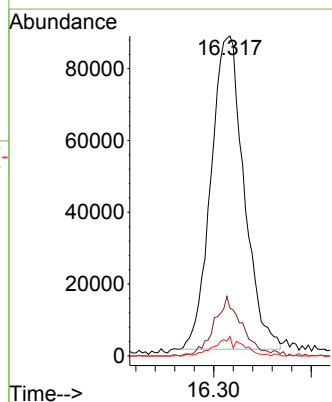
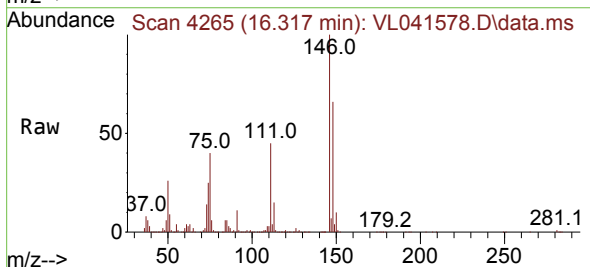
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

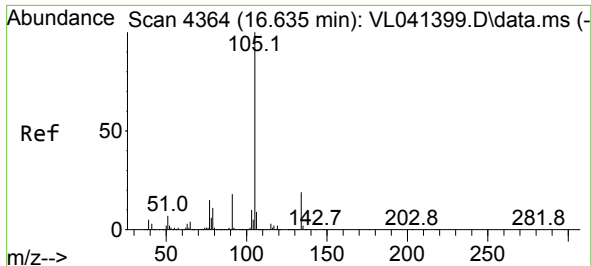
Tgt Ion:119 Resp: 3341191
Ion Ratio Lower Upper
119 100
91 80.6 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 8.291 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 91 Resp: 205433
Ion Ratio Lower Upper
91 100
126 16.4 13.8 20.8
128 5.4 4.4 6.6

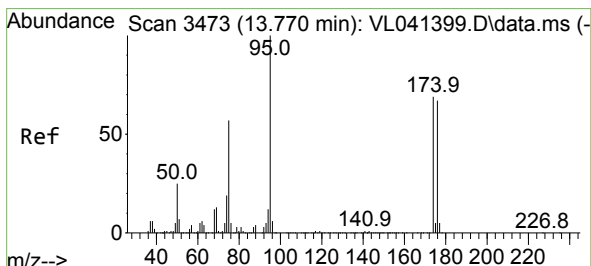
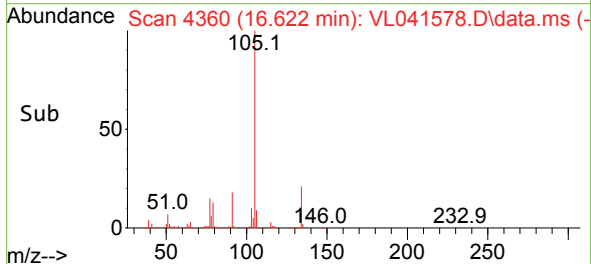
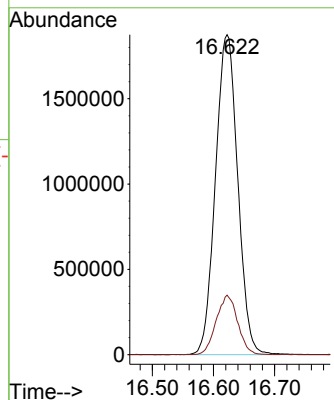
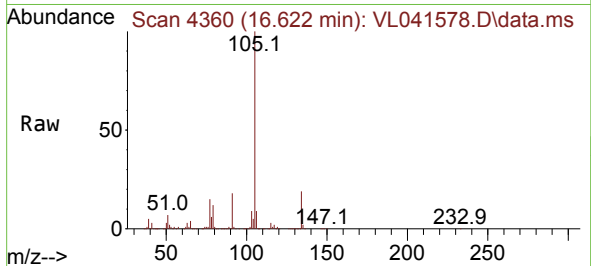




#67
 sec-Butylbenzene
 Concen: 8.912 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

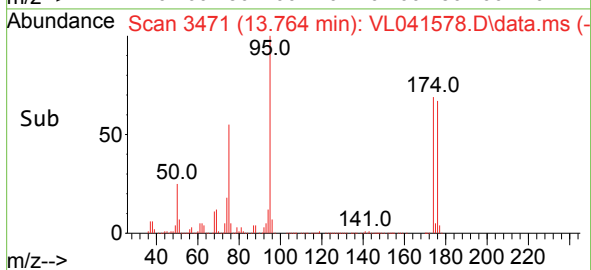
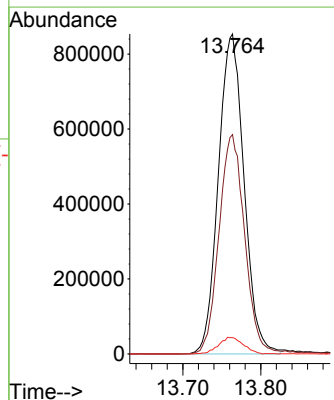
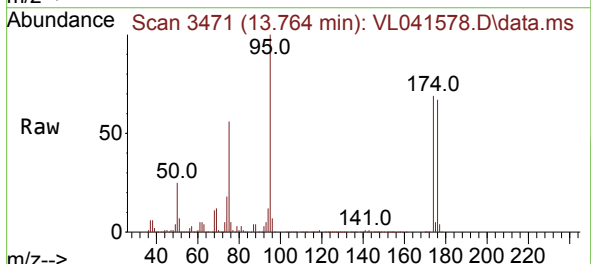
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

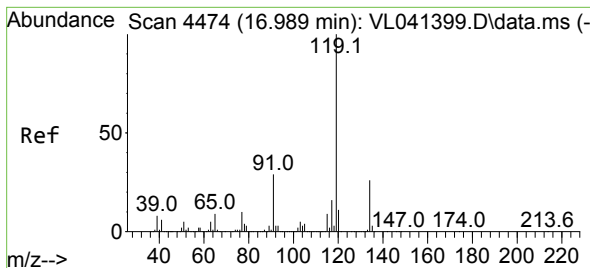
Tgt Ion:105 Resp: 4743225
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.488 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion: 95 Resp: 1952454
 Ion Ratio Lower Upper
 95 100
 174 69.6 56.3 84.5
 175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.179 ppbv

RT: 16.982 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

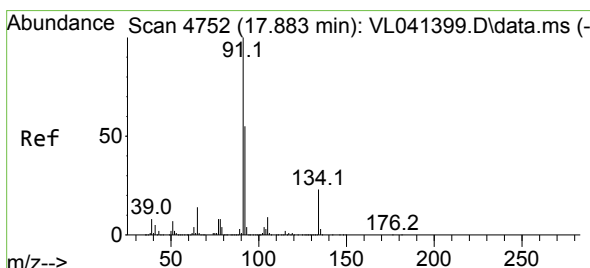
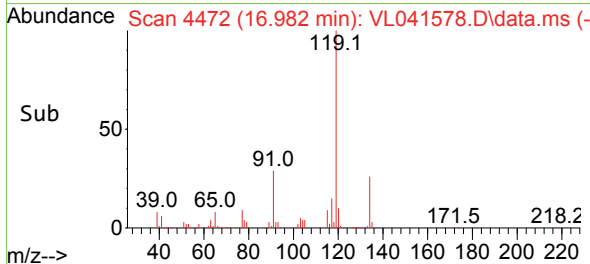
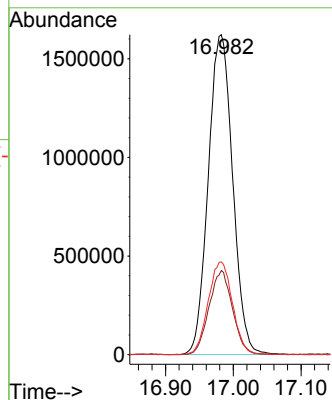
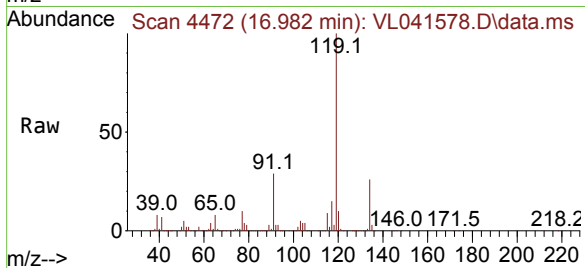
Tgt Ion:119 Resp: 4053997

Ion Ratio Lower Upper

119 100

134 25.4 20.5 30.7

91 29.1 23.2 34.8



#70

n-Butylbenzene

Concen: 9.477 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

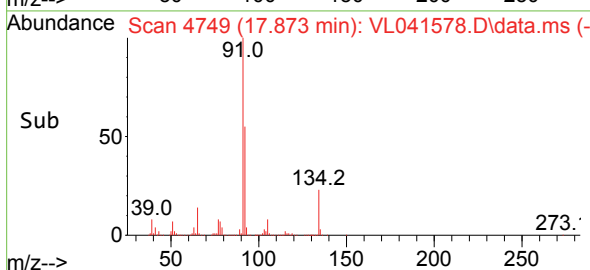
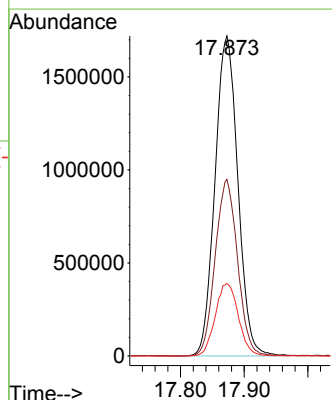
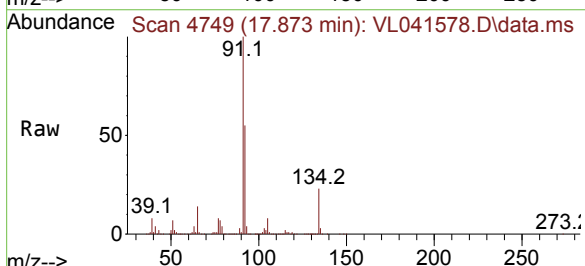
Tgt Ion: 91 Resp: 4290563

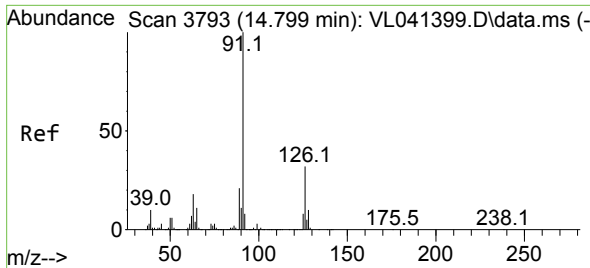
Ion Ratio Lower Upper

91 100

92 54.1 43.2 64.8

134 23.0 18.5 27.7

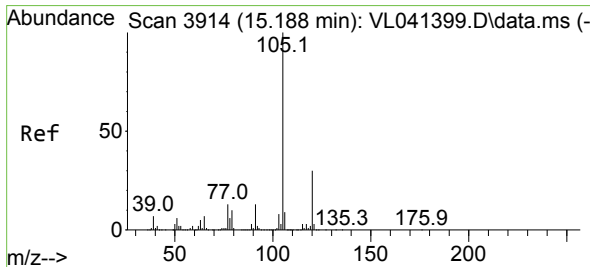
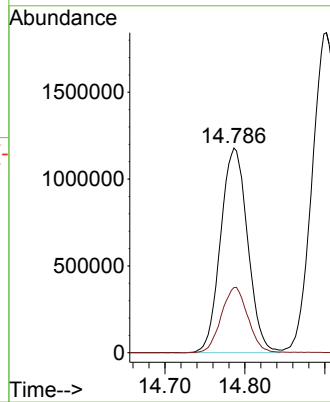
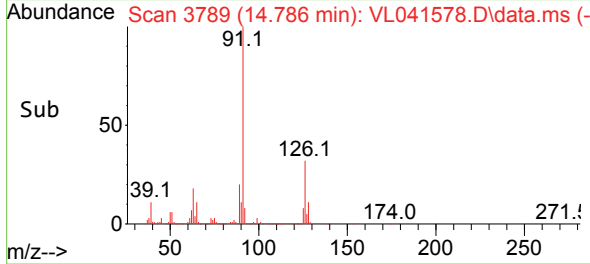
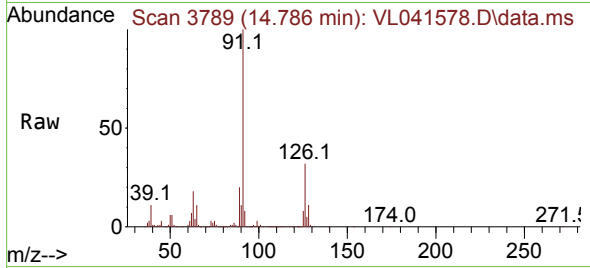




#71
2-Chlorotoluene
Concen: 8.779 ppbv
RT: 14.786 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

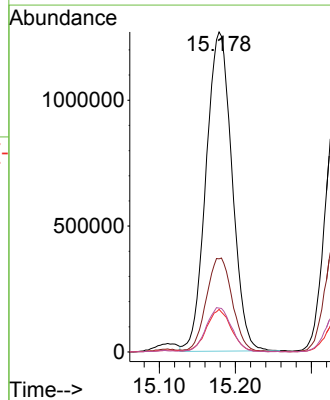
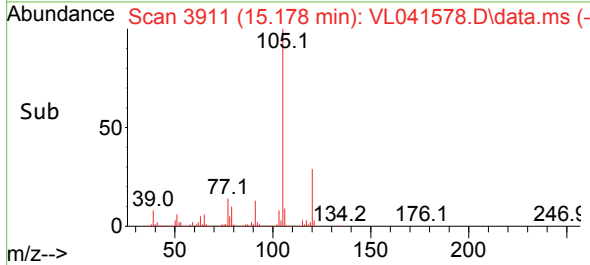
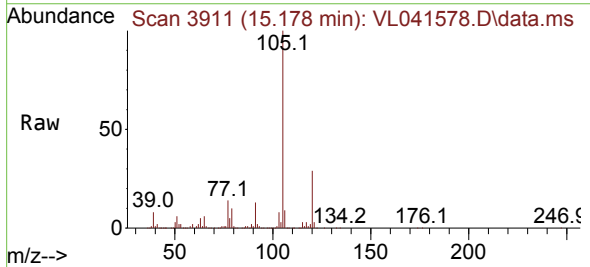
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

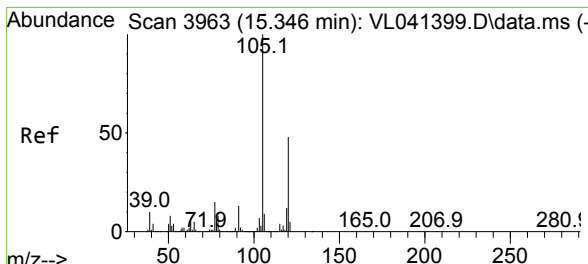
Tgt Ion: 91 Resp: 2768757
Ion Ratio Lower Upper
91 100
126 31.7 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.077 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion: 105 Resp: 3006316
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.7 10.4 15.6
77 13.8 11.0 16.4

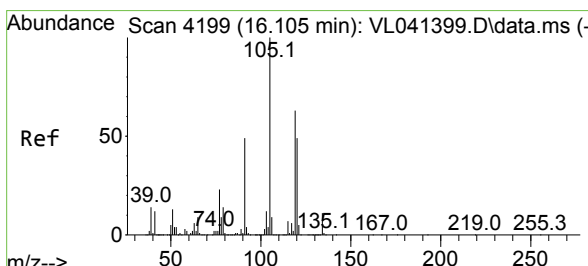
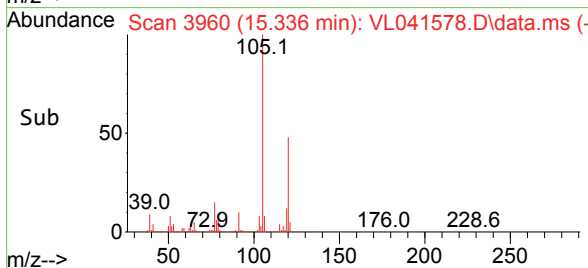
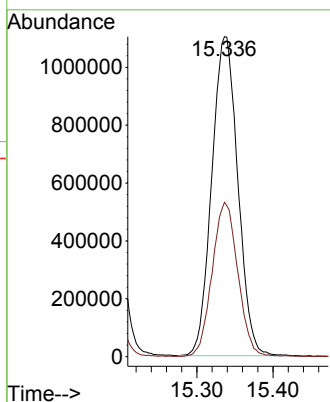
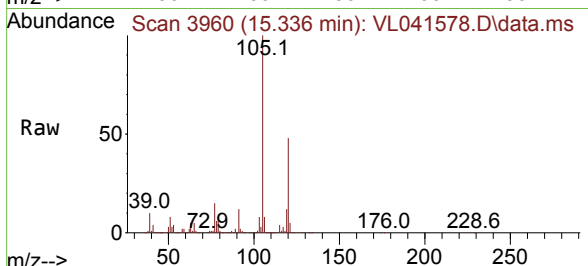




#73
 1,3,5-Trimethylbenzene
 Concen: 9.197 ppbv
 RT: 15.336 min Scan# 3960
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

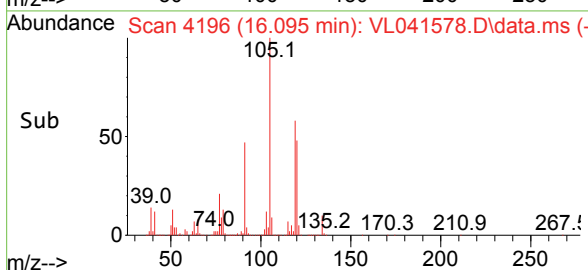
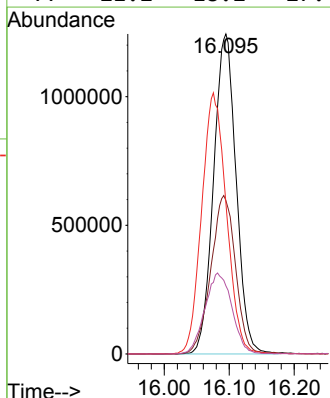
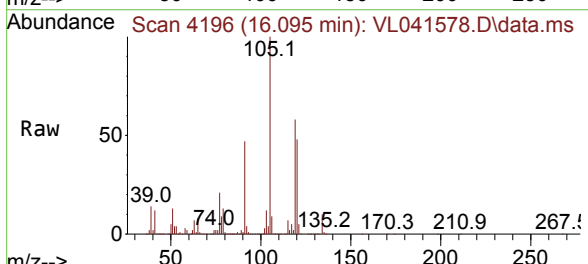
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

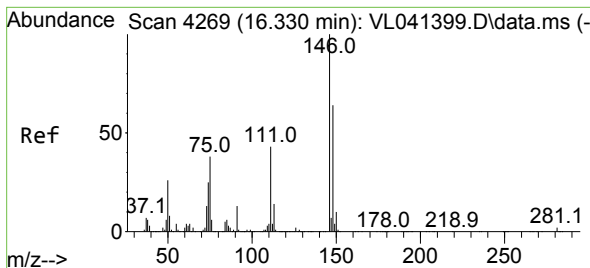
Tgt Ion:105 Resp: 2624356
 Ion Ratio Lower Upper
 105 100
 120 48.3 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.024 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. 0.000 min
 Lab File: VL041578.D
 Acq: 22 Aug 2024 8:12

Tgt Ion:105 Resp: 2993401
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.5 59.3
 91 47.0 39.8 59.8
 77 21.2 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 9.084 ppbv

RT: 16.320 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

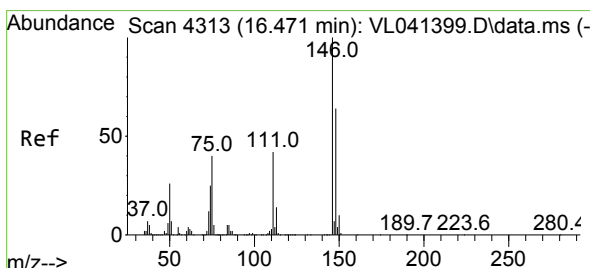
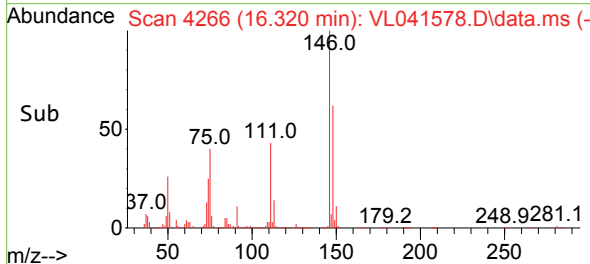
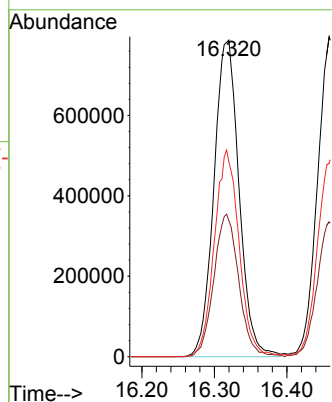
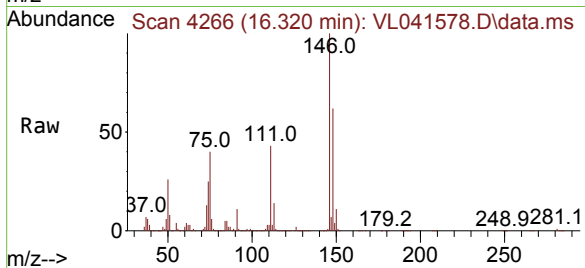
Tgt Ion:146 Resp: 1894241

Ion Ratio Lower Upper

146 100

111 44.7 22.6 67.8

148 64.2 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 9.162 ppbv

RT: 16.458 min Scan# 4309

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

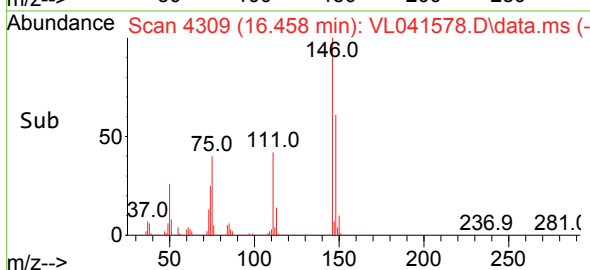
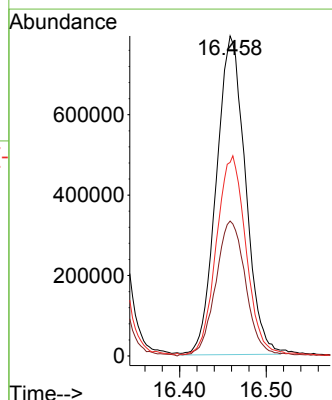
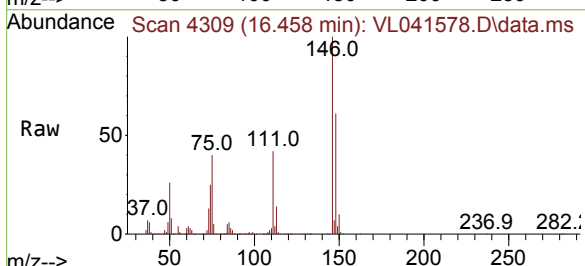
Tgt Ion:146 Resp: 1849892

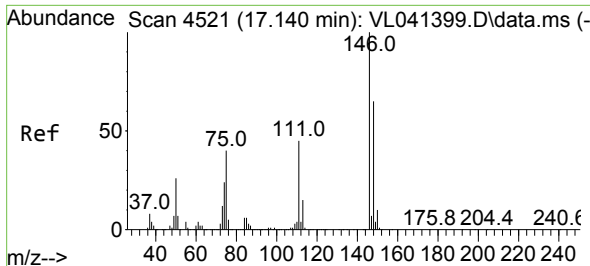
Ion Ratio Lower Upper

146 100

111 43.8 22.4 67.0

148 64.8 33.1 99.5

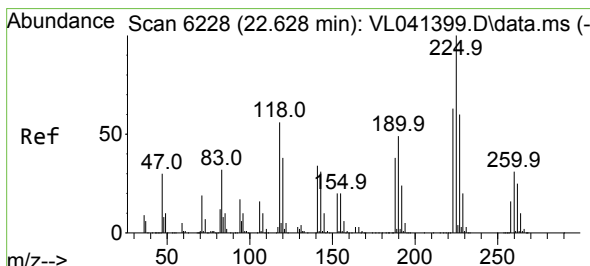
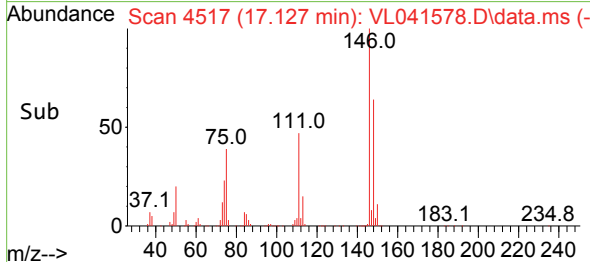
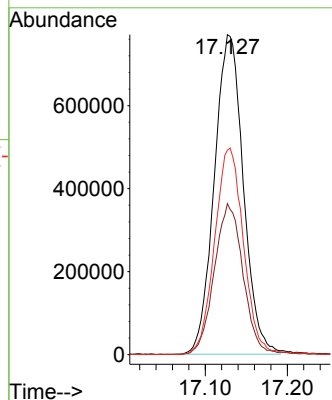
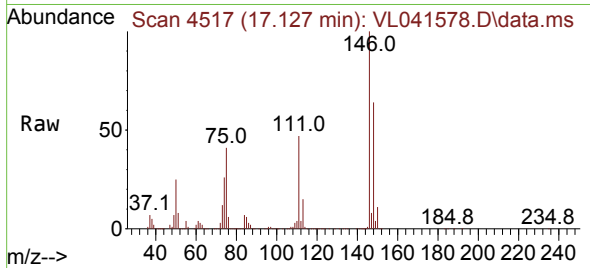




#77
1,2-Dichlorobenzene
Concen: 9.151 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

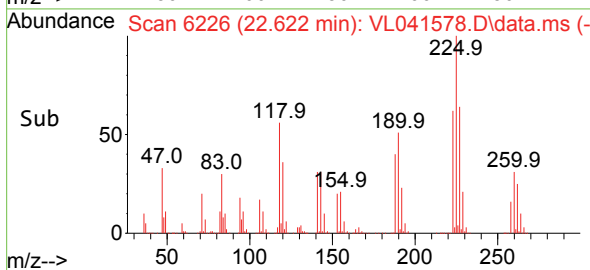
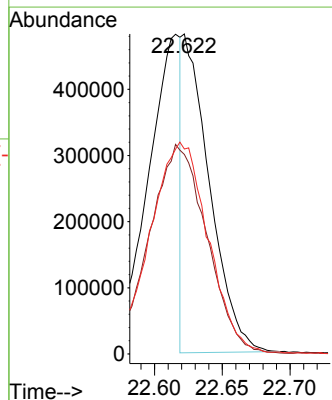
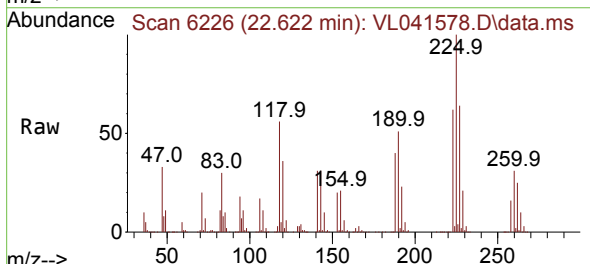
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

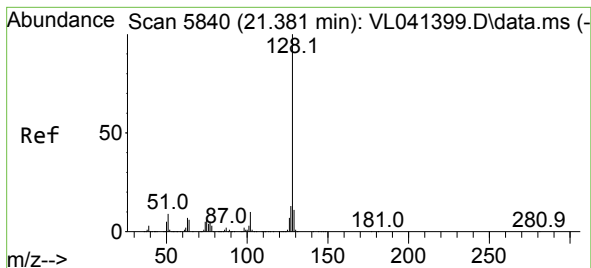
Tgt Ion:146 Resp: 1891671
Ion Ratio Lower Upper
146 100
111 47.2 23.4 70.0
148 64.5 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 3.755 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. 0.000 min
Lab File: VL041578.D
Acq: 22 Aug 2024 8:12

Tgt Ion:225 Resp: 662030
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 145.7 50.8 76.2#





#79

Naphthalene

Concen: 11.284 ppbv

RT: 21.368 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

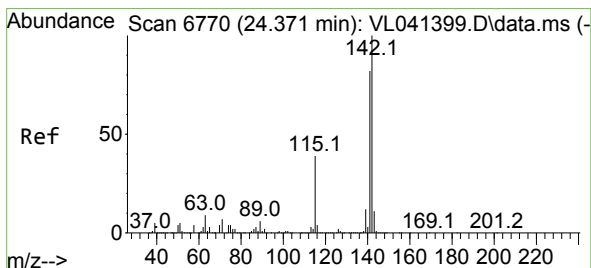
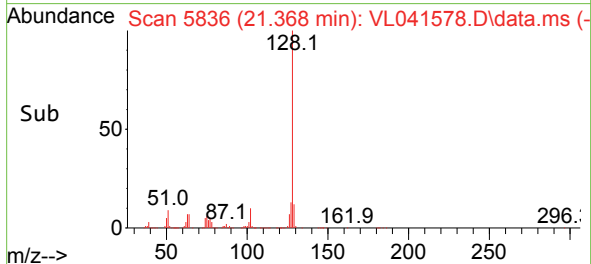
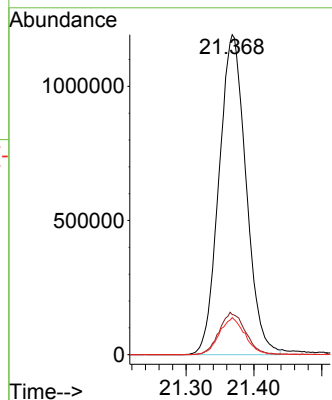
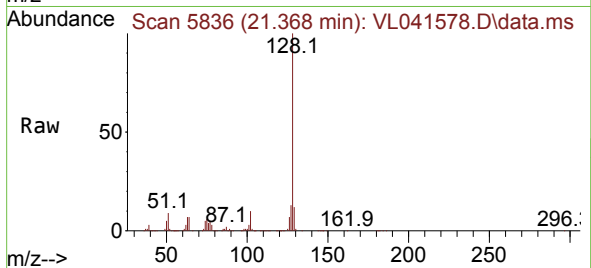
Tgt Ion:128 Resp: 3303813

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 5.611 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. 0.000 min

Lab File: VL041578.D

Acq: 22 Aug 2024 8:12

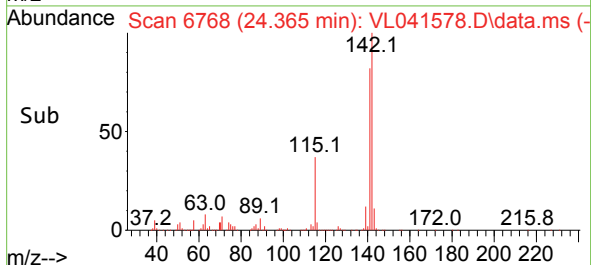
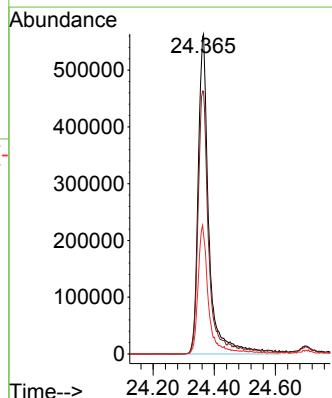
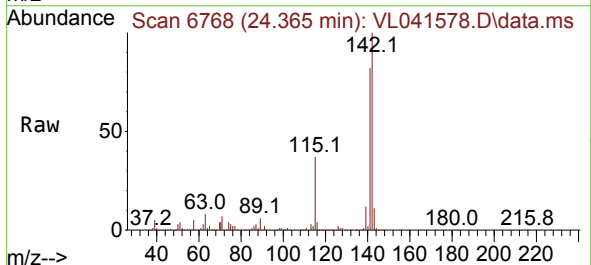
Tgt Ion:142 Resp: 1377262

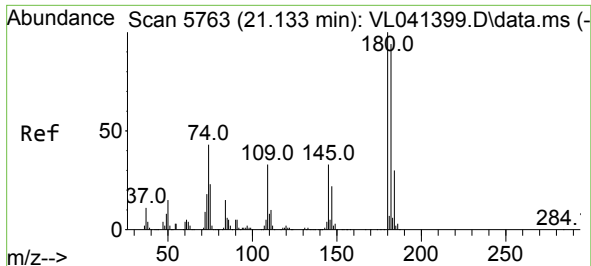
Ion Ratio Lower Upper

142 100

141 84.1 67.0 100.4

115 40.1 32.2 48.2





#81

1,2,4-Trichlorobenzene

Concen: 9.814 ppbv

RT: 21.124 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041578.D

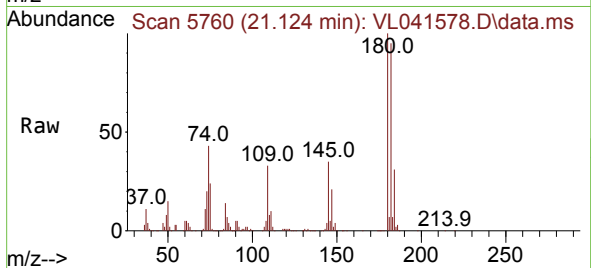
Acq: 22 Aug 2024 8:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1709937

Ion Ratio Lower Upper

180 100

182 97.9 76.7 115.1

184 30.5 24.5 36.7

