

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041527.D
 Acq On : 12 Aug 2024 8:46
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Aug 13 02:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	948929	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	2600579	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3090471	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1870101	7.863	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.729	85	997402	6.110	ppbv	99
3) Chlorodifluoromethane	2.674	51	1138655	10.080	ppbv	99
4) Chloromethane	2.812	50	619455	10.310	ppbv	96
5) Vinyl Chloride	2.922	62	621840	10.500	ppbv	99
6) Bromomethane	3.121	94	324573	10.663	ppbv	99
7) Chloroethane	3.198	64	211114	10.329	ppbv	99
8) Dichlorotetrafluoroethane	2.857	85	1418259	9.805	ppbv	98
9) Propene	2.693	41	519155	10.004	ppbv	100
10) Heptane	7.577	43	1304292	11.186	ppbv	99
11) Trichlorofluoromethane	3.562	101	1461566	10.081	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.066	101	1066072	10.212	ppbv	99
13) Ethanol	3.243	45	22169	4.780	ppbv #	51
14) Bromoethene	3.365	108	425269	10.449	ppbv	97
15) Acetone	3.468	43	1110391	10.299	ppbv	100
16) 1,3-Butadiene	2.986	39	610988	10.607	ppbv	99
17) tert-Butyl alcohol	3.877	59	1169878	11.897	ppbv	99
18) 1,1-Dichloroethene	3.880	96	469860	10.521	ppbv	98
19) Isopropyl Alcohol	3.574	45	691176	10.965	ppbv	99
20) Methylene Chloride	3.931	84	392216	9.755	ppbv	98
21) Allyl Chloride	3.996	41	772532	10.926	ppbv	99
22) trans-1,2-Dichloroethene	4.443	96	500475	11.208	ppbv	99
23) Vinyl Acetate	4.626	43	987621	11.994	ppbv	99
24) 1,1-Dichloroethane	4.561	63	1050452	10.834	ppbv	99
25) Ethyl Acetate	5.201	43	2334339	10.898	ppbv	100
26) Hexane	5.211	57	965613	10.867	ppbv	99
27) Carbon Disulfide	4.124	76	1148948	11.053	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	620342	11.071	ppbv	99
29) Chloroform	5.272	83	1516034	10.460	ppbv	97
30) Cyclohexane	6.600	84	825630	11.410	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	946511	10.783	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	1493406	10.586	ppbv	100
34) 2-Butanone	4.783	43	1378498	10.958	ppbv	100
35) Carbon Tetrachloride	6.494	117	1559323	10.871	ppbv	100
36) Benzene	6.368	78	2053064	10.804	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1149797	10.811	ppbv	100
38) Trichloroethene	7.291	130	948439	10.895	ppbv	99
39) 1,2-Dichloropropane	7.073	63	790468	10.865	ppbv	100
40) 1,4-Dioxane	7.288	88	315670	10.801	ppbv #	1
41) Tetrahydrofuran	5.555	42	838835	11.659	ppbv	98
42) Bromodichloromethane	7.249	83	1668411	10.864	ppbv	98
43) Methyl Methacrylate	7.475	69	808557	11.866	ppbv	96
44) 2,2,4-Trimethylpentane	7.327	57	3460189	10.902	ppbv	100
45) t-1,3-Dichloropropene	8.709	75	835718	13.325	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
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 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

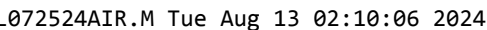
Instrument :
 MSVOA_L
 ClientSampleId :
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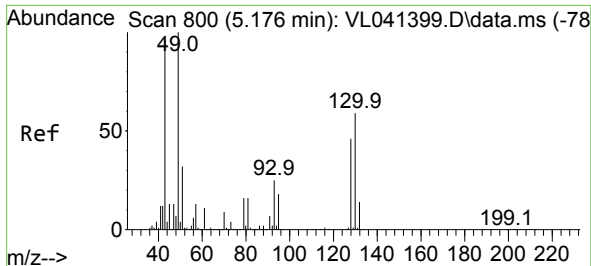
Quant Time: Aug 13 02:09:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	1117986	12.344	ppbv	96
47) 1,1,2-Trichloroethane	8.899	97	846976	10.562	ppbv	98
48) Dibromochloromethane	9.709	129	1435054	11.108	ppbv	99
49) Bromoform	12.407	173	1244113	11.401	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2281073	11.493	ppbv	99
51) 2-Hexanone	9.548	43	1863230	12.415	ppbv	99
52) Tetrachloroethene	10.609	164	774992	10.555	ppbv	96
53) Toluene	9.220	91	2400814	11.343	ppbv	100
54) 1,2-Dibromoethane	10.005	107	1243024	11.646	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	1053113	8.787	ppbv #	55
57) Chlorobenzene	11.523	112	1877092	8.531	ppbv	99
58) Ethyl Benzene	12.085	91	3229692	9.067	ppbv	98
59) m/p-Xylene	12.371	91	2966831	9.648	ppbv #	40
60) o-Xylene	13.056	91	2634952	9.058	ppbv	99
61) Styrene	12.896	104	1285721	9.797	ppbv	99
62) Isopropylbenzene	14.027	105	3824563	8.649	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.043	83	1605022	8.738	ppbv	99
64) n-propylbenzene	14.912	120	1036299	8.964	ppbv	97
65) tert-Butylbenzene	16.088	119	3458283	8.658	ppbv	100
66) Benzyl Chloride	16.326	91	278383	10.866	ppbv	99
67) sec-Butylbenzene	16.635	105	4833640	8.784	ppbv	99
69) p-Isopropyltoluene	16.992	119	4069168	8.911	ppbv	100
70) n-Butylbenzene	17.883	91	4208009	8.989	ppbv	100
71) 2-Chlorotoluene	14.799	91	2902468	8.900	ppbv	99
72) 4-Ethyltoluene	15.188	105	3172041	9.262	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2711766	9.192	ppbv	97
74) 1,2,4-Trimethylbenzene	16.104	105	3037676	8.856	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	1883631	8.736	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1835391	8.791	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1832533	8.574	ppbv	100
78) Hexachloro-1,3-Butadiene	22.631	225	1390607	7.629	ppbv	100
79) Naphthalene	21.381	128	3085623	10.192	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	2619024	10.320	ppbv	99
81) 1,2,4-Trichlorobenzene	21.133	180	1625845	9.025	ppbv	100

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
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Response via : Initial Calibration

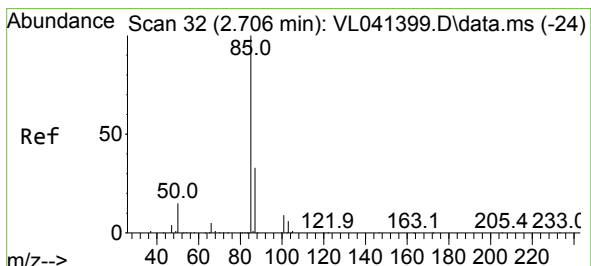
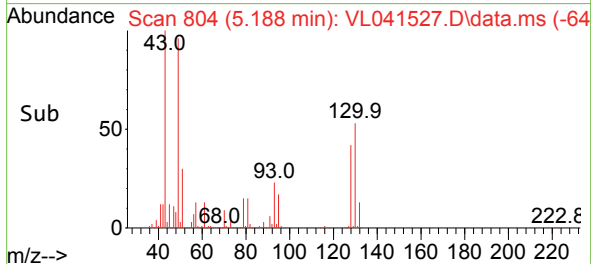
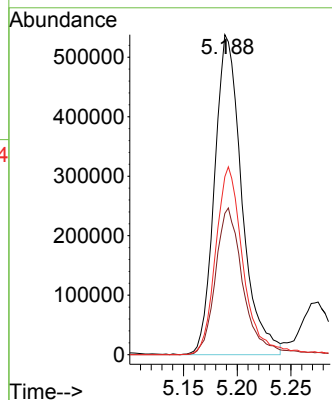
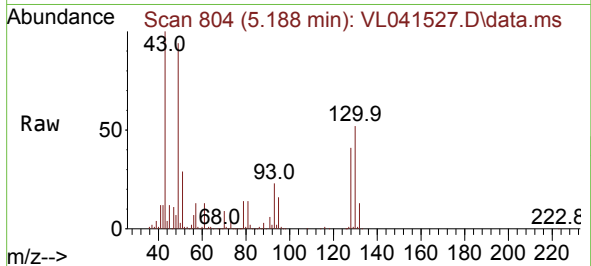




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

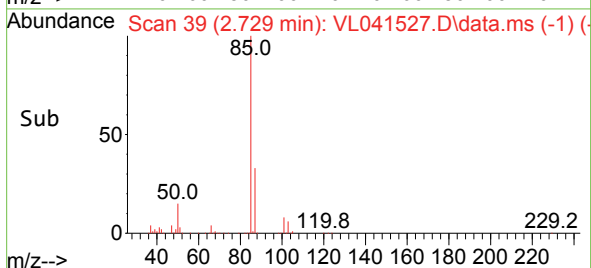
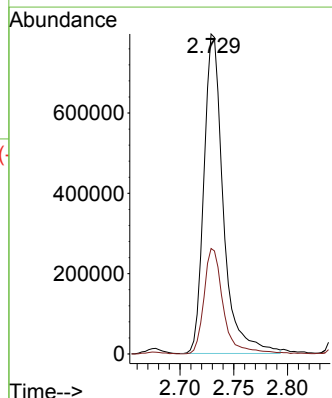
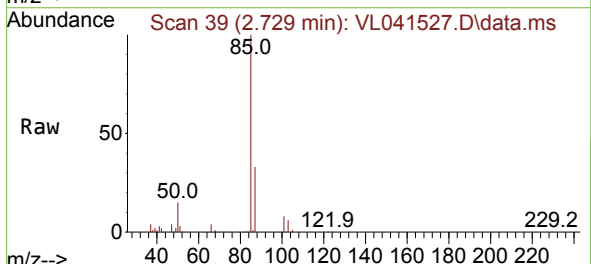
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

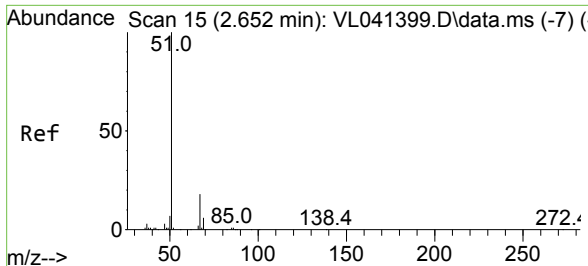
Tgt Ion: 49 Resp: 948929
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.4
130 60.7 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 6.110 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 85 Resp: 997402
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0

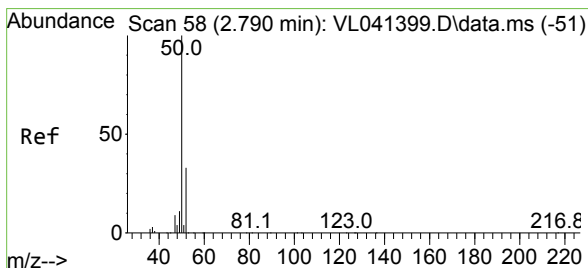
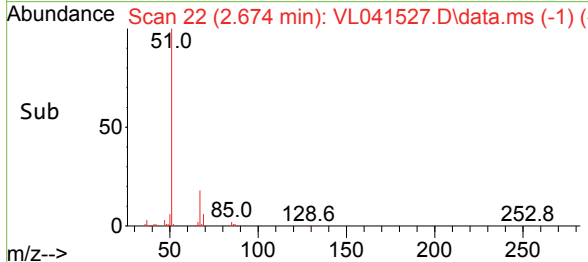
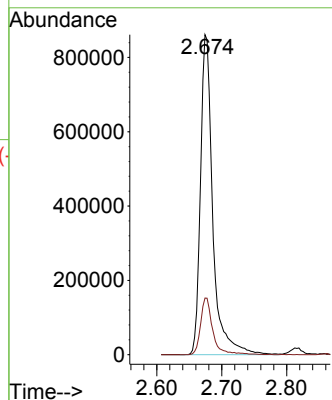
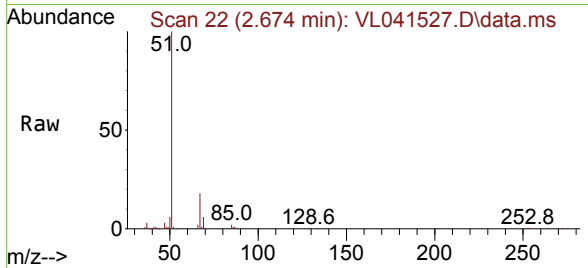




#3
Chlorodifluoromethane
Concen: 10.080 ppbv
RT: 2.674 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

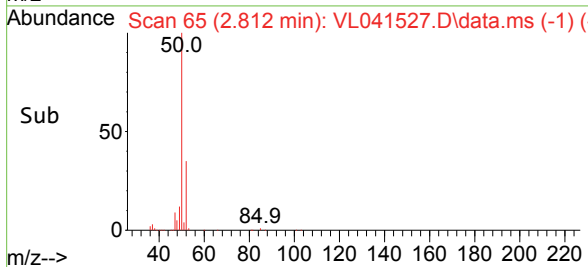
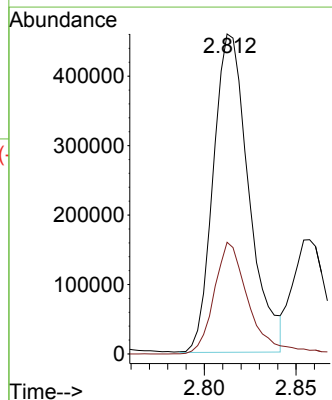
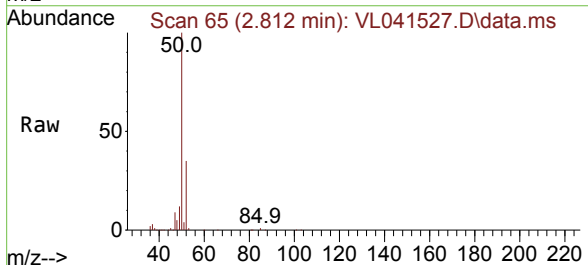
Instrument :
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ClientSampleId :
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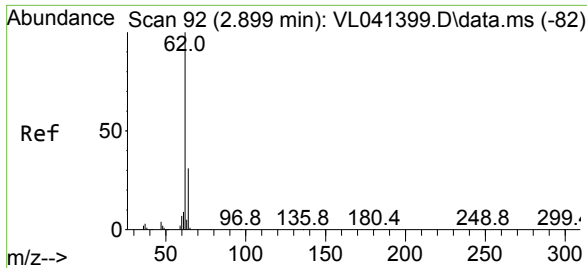
Tgt Ion: 51 Resp: 1138655
Ion Ratio Lower Upper
51 100
67 17.7 14.5 21.7



#4
Chloromethane
Concen: 10.310 ppbv
RT: 2.812 min Scan# 65
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 50 Resp: 619455
Ion Ratio Lower Upper
50 100
52 35.1 26.1 39.1

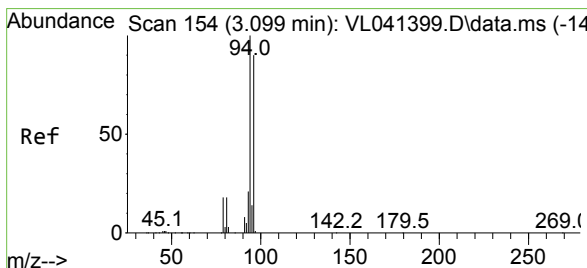
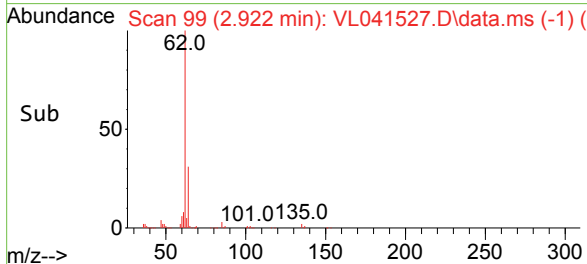
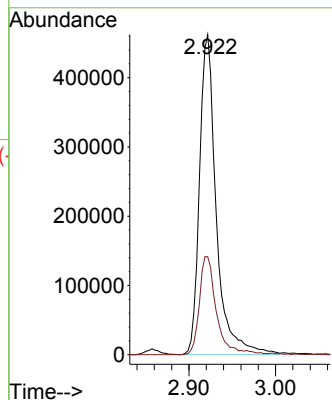
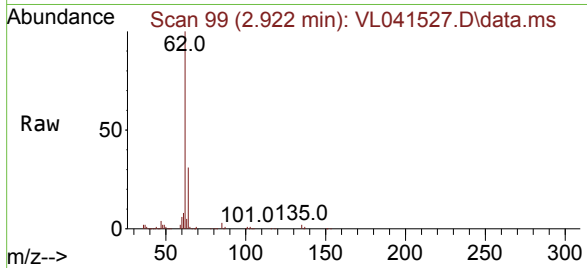




#5
 Vinyl Chloride
 Concen: 10.500 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

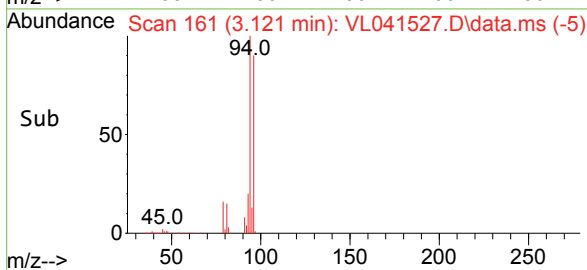
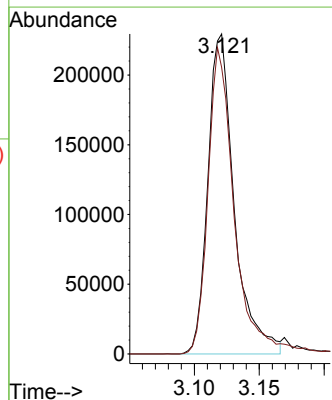
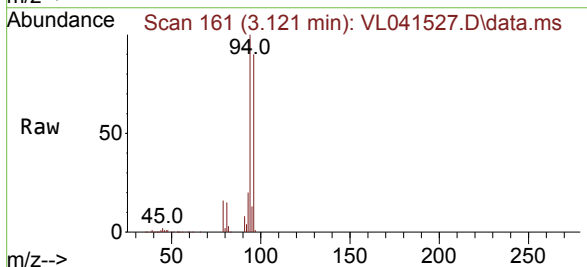
Instrument :
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 ClientSampleId :
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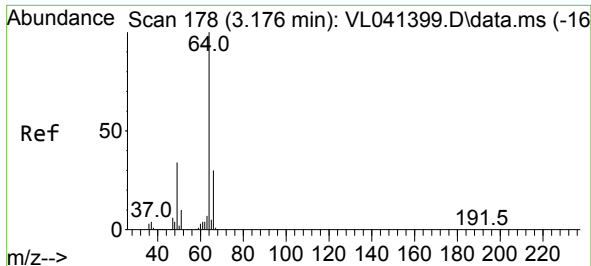
Tgt Ion: 62 Resp: 621840
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.0 37.4



#6
 Bromomethane
 Concen: 10.663 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 94 Resp: 324573
 Ion Ratio Lower Upper
 94 100
 96 89.6 72.3 108.5

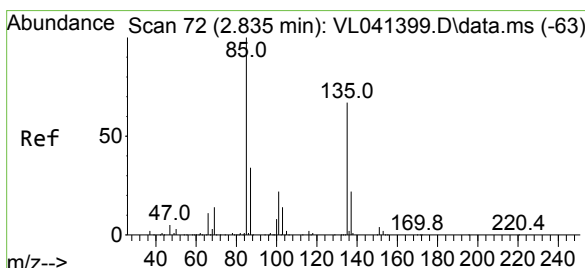
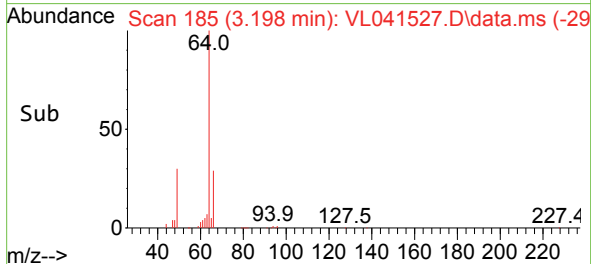
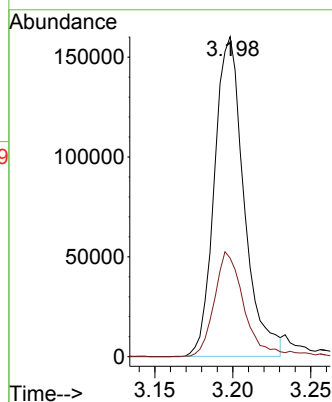
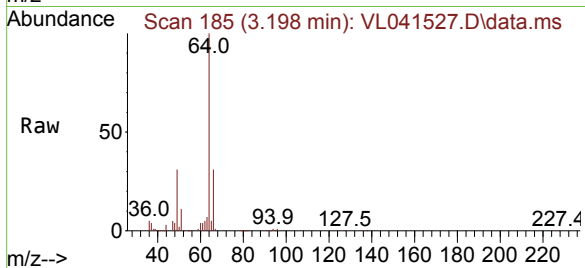




#7
Chloroethane
Concen: 10.329 ppbv
RT: 3.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

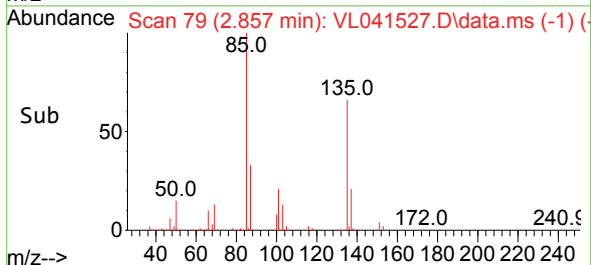
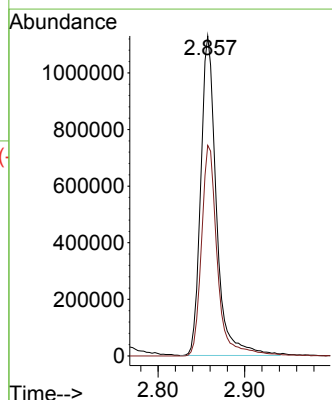
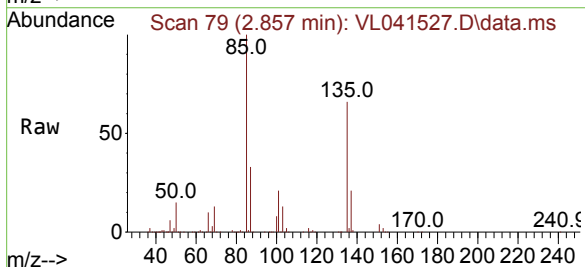
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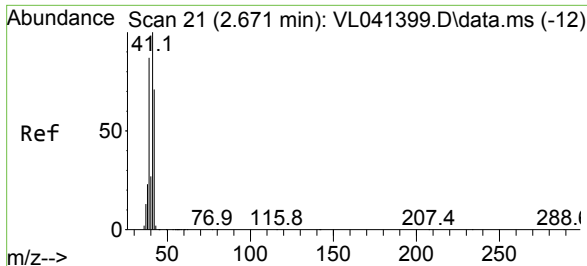
Tgt Ion: 64 Resp: 211114
Ion Ratio Lower Upper
64 100
66 30.8 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.805 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 85 Resp: 1418259
Ion Ratio Lower Upper
85 100
135 67.4 55.4 83.0

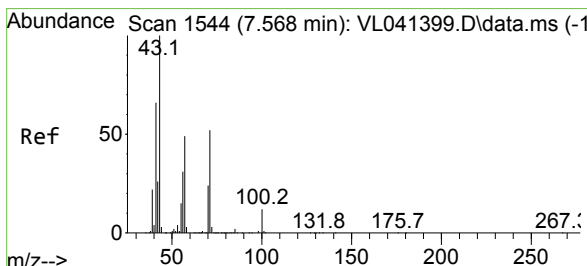
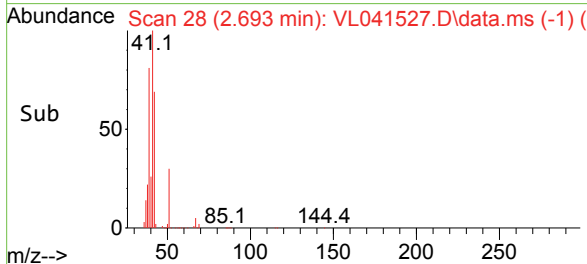
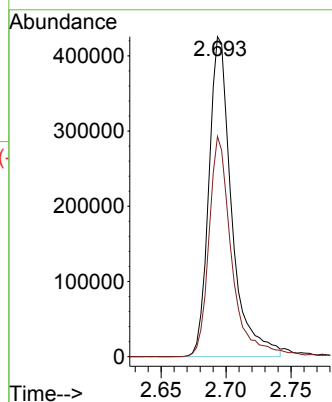
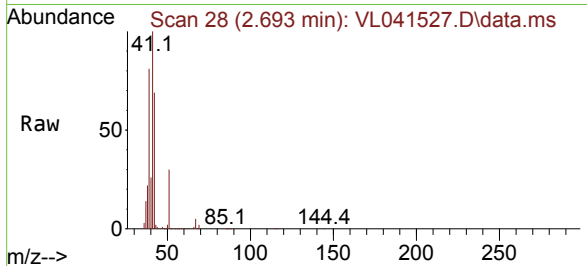




#9
Propene
Concen: 10.004 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

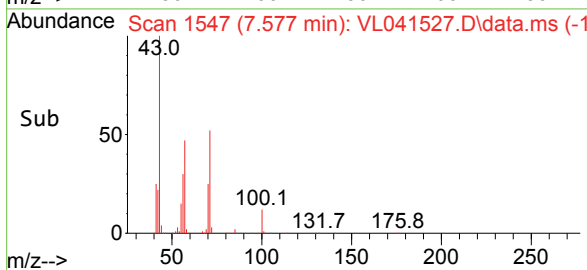
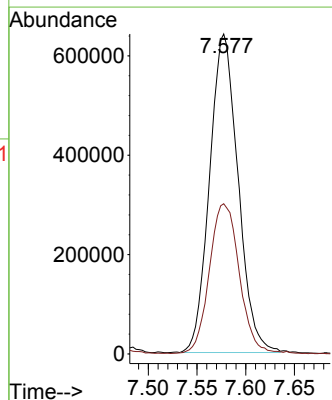
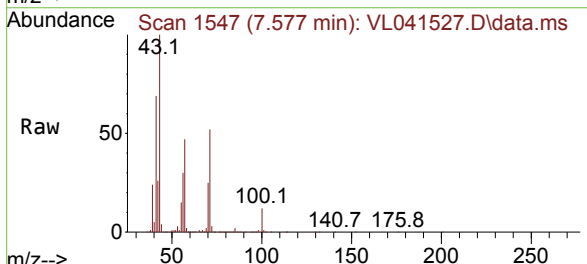
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

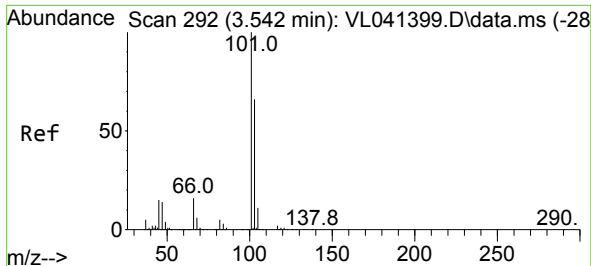
Tgt Ion: 41 Resp: 519155
Ion Ratio Lower Upper
41 100
42 69.7 55.9 83.9



#10
Heptane
Concen: 11.186 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 43 Resp: 1304292
Ion Ratio Lower Upper
43 100
57 49.6 40.5 60.7

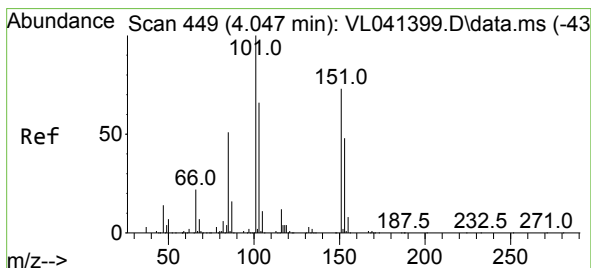
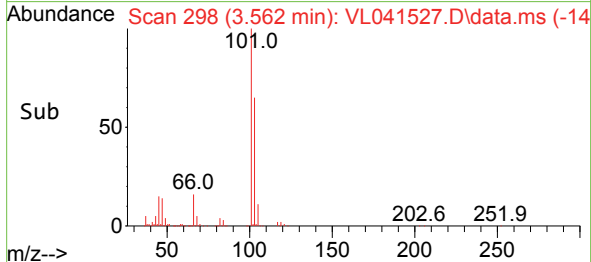
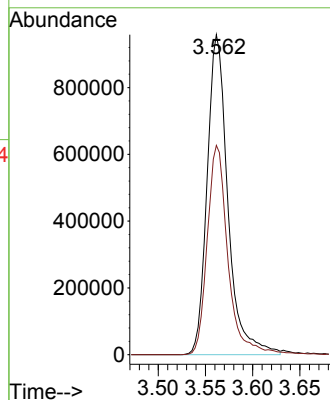
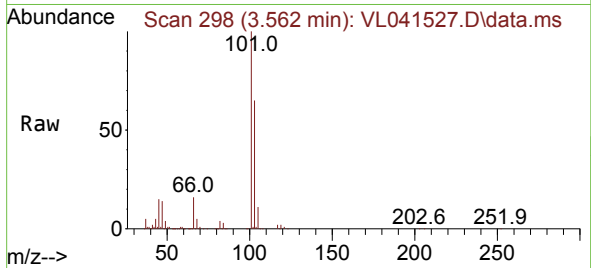




#11
 Trichlorofluoromethane
 Concen: 10.081 ppbv
 RT: 3.562 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

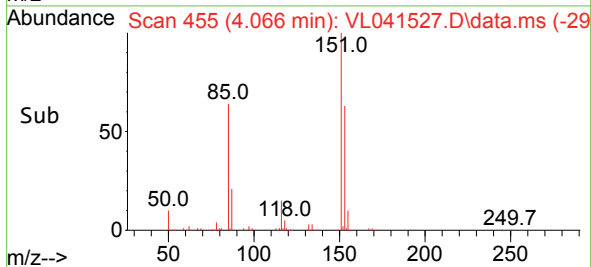
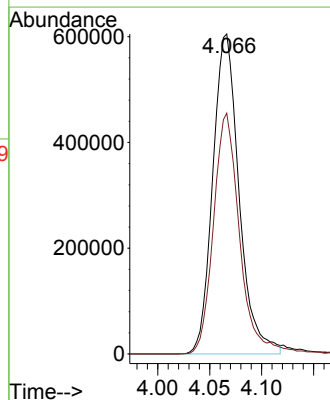
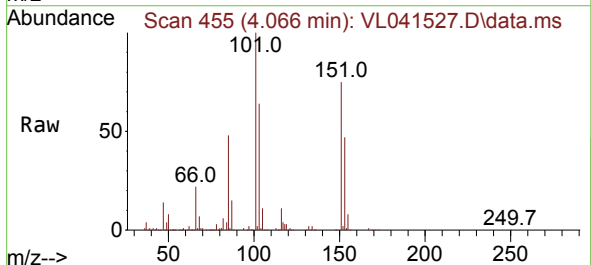
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

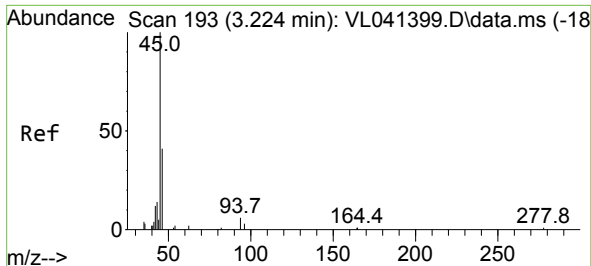
Tgt Ion:101 Resp: 1461566
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.212 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion:101 Resp: 1066072
 Ion Ratio Lower Upper
 101 100
 151 75.4 59.4 89.2

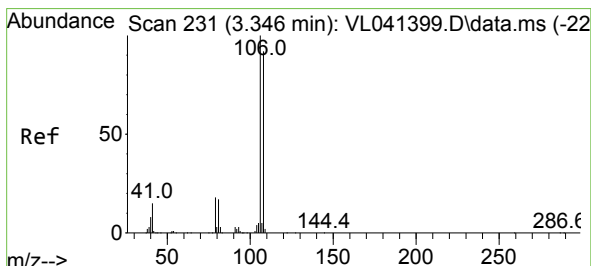
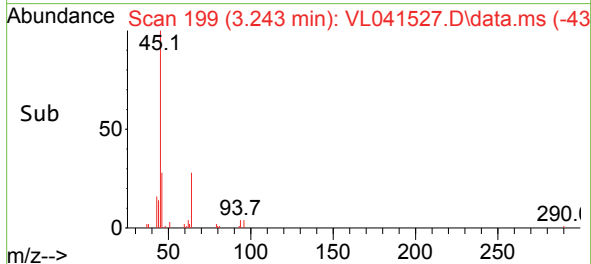
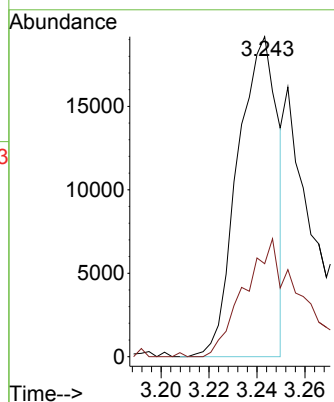
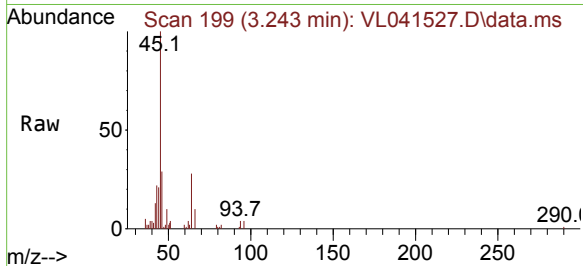




#13
 Ethanol
 Concen: 4.780 ppbv
 RT: 3.243 min Scan# 193
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

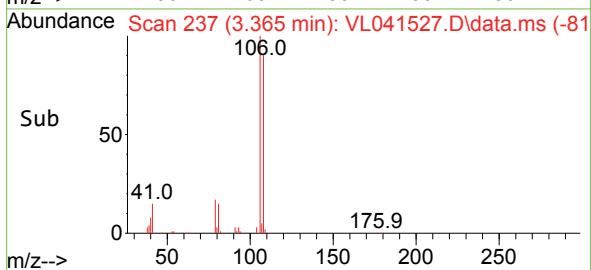
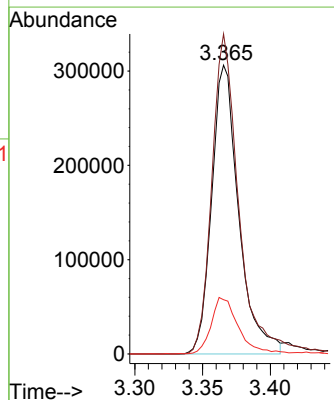
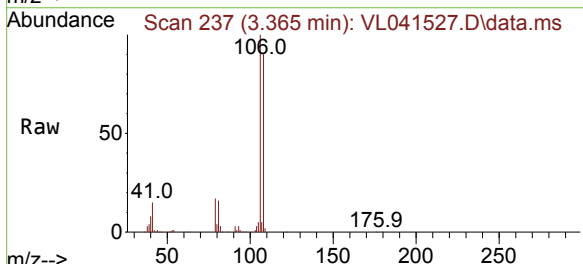
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

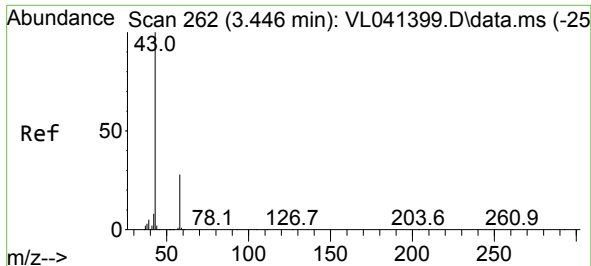
Tgt Ion: 45 Resp: 22169
 Ion Ratio Lower Upper
 45 100
 46 61.4 13.4 53.4#



#14
 Bromoethene
 Concen: 10.449 ppbv
 RT: 3.365 min Scan# 237
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 108 Resp: 425269
 Ion Ratio Lower Upper
 108 100
 106 111.6 86.9 130.3
 79 20.7 16.2 24.4





#15

Acetone

Concen: 10.299 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

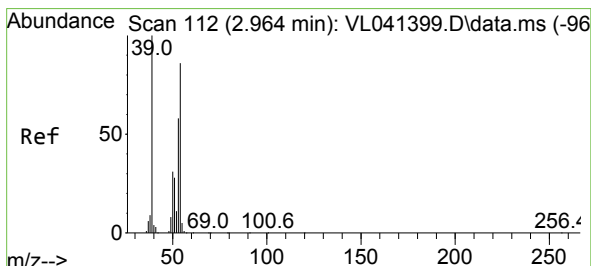
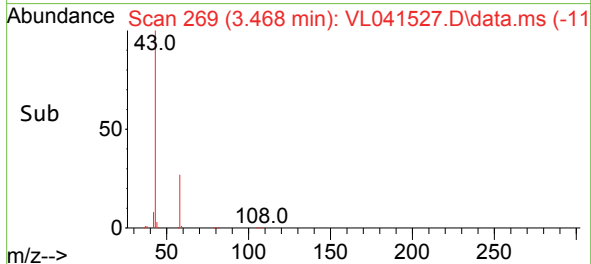
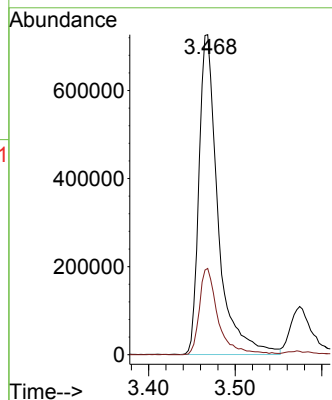
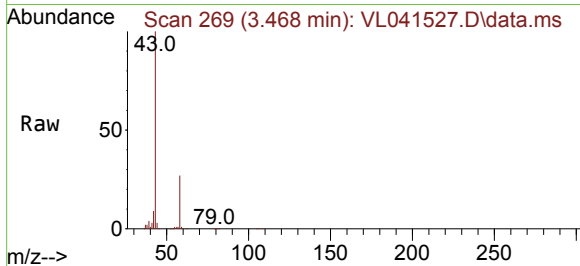
VSTDCCC010

Tgt Ion: 43 Resp: 1110391

Ion Ratio Lower Upper

43 100

58 26.6 21.4 32.2



#16

1,3-Butadiene

Concen: 10.607 ppbv

RT: 2.986 min Scan# 119

Delta R.T. 0.000 min

Lab File: VL041527.D

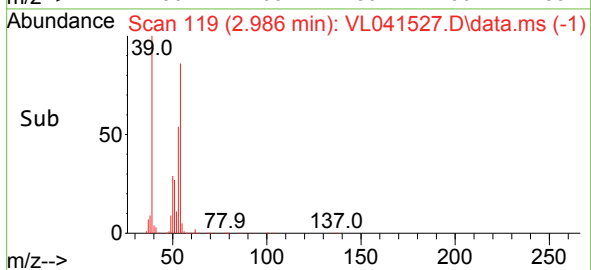
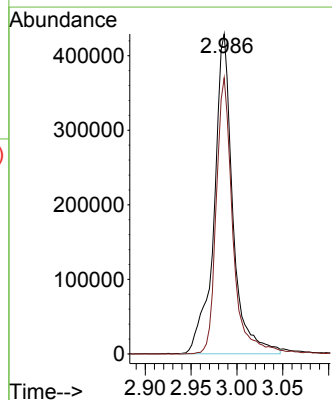
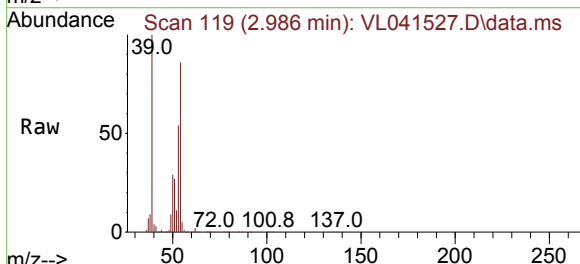
Acq: 12 Aug 2024 8:46

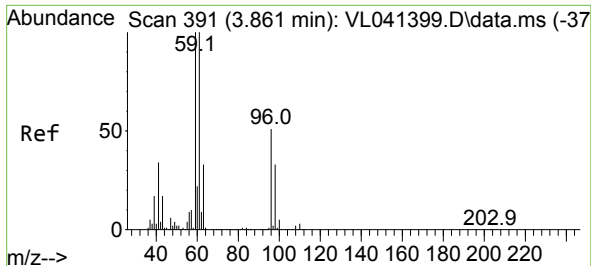
Tgt Ion: 39 Resp: 610988

Ion Ratio Lower Upper

39 100

54 77.1 62.5 93.7

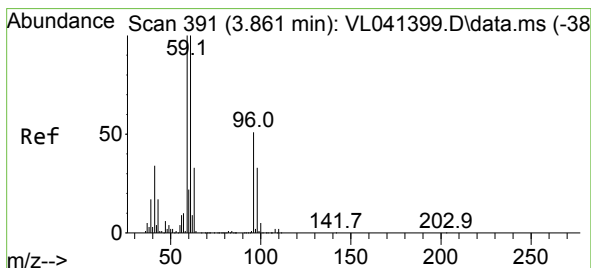
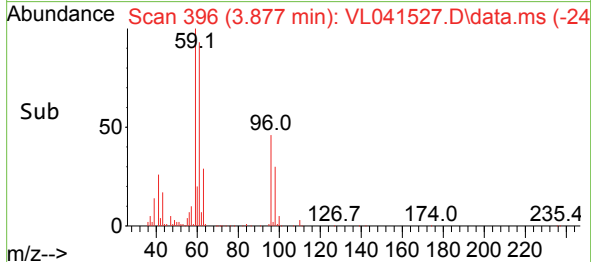
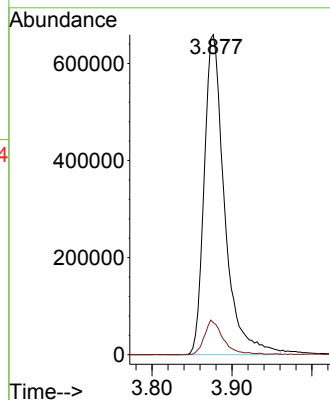
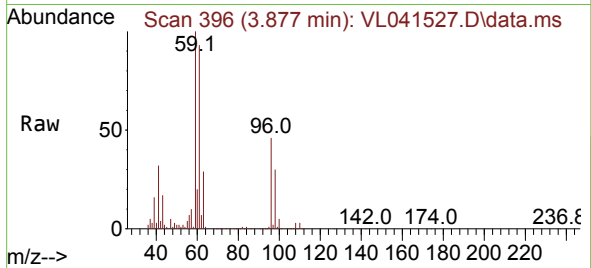




#17
tert-Butyl alcohol
Concen: 11.897 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

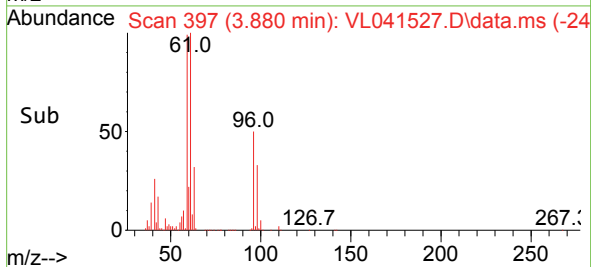
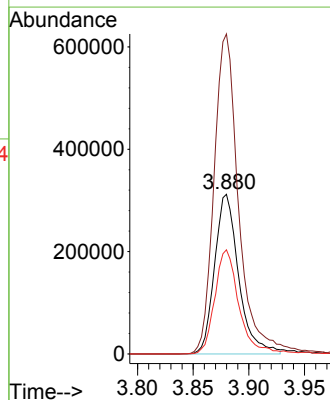
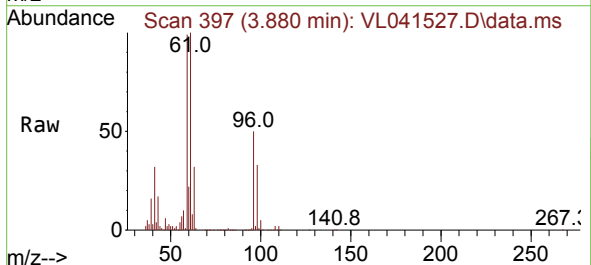
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

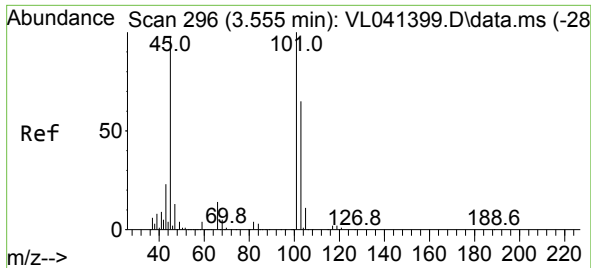
Tgt Ion: 59 Resp: 1169878
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8



#18
1,1-Dichloroethene
Concen: 10.521 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 96 Resp: 469860
Ion Ratio Lower Upper
96 100
61 200.5 157.5 236.3
98 65.3 51.2 76.8

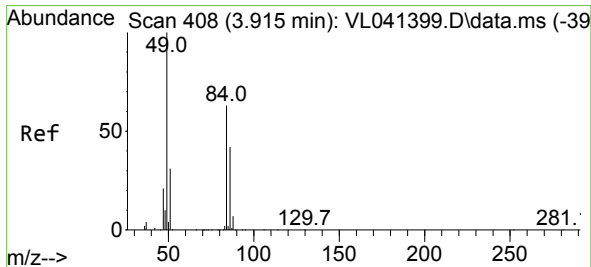
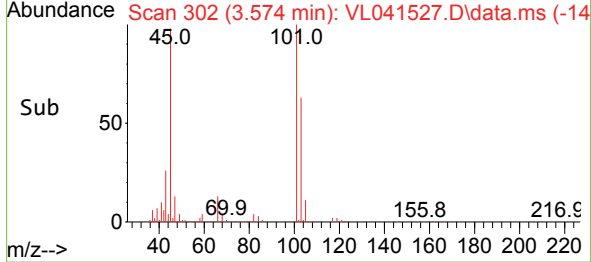
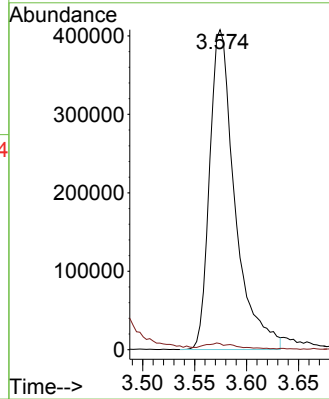
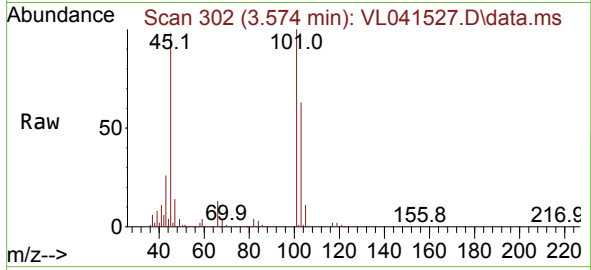




#19
Isopropyl Alcohol
Concen: 10.965 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

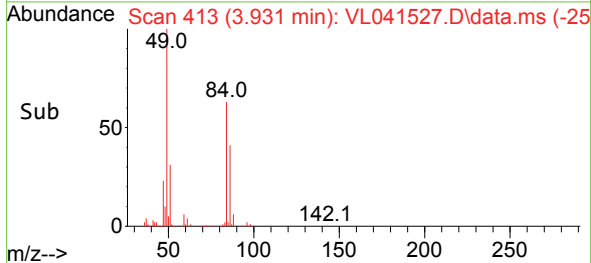
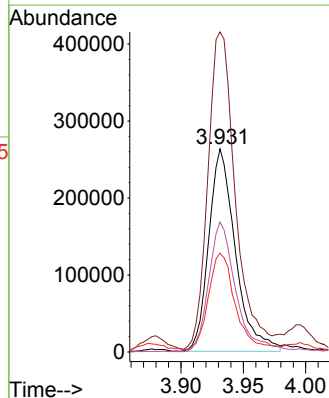
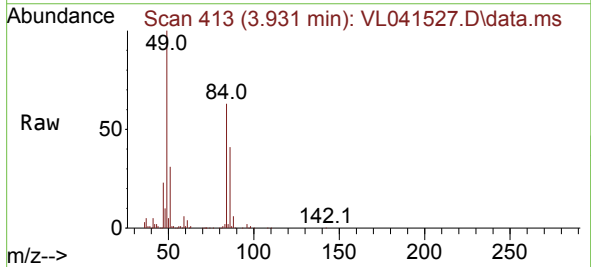
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

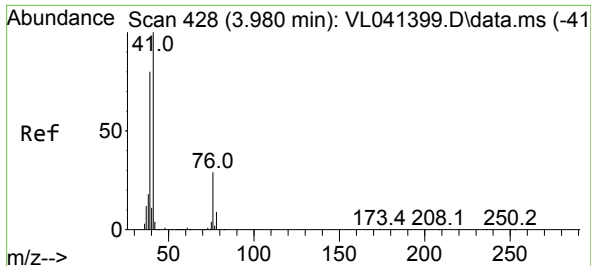
Tgt Ion: 45 Resp: 691176
Ion Ratio Lower Upper
45 100
58 2.9 1.9 2.9



#20
Methylene Chloride
Concen: 9.755 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 84 Resp: 392216
Ion Ratio Lower Upper
84 100
49 156.5 126.6 190.0
51 47.3 38.6 58.0
86 64.1 53.0 79.4

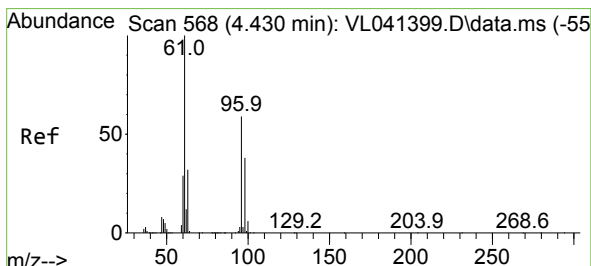
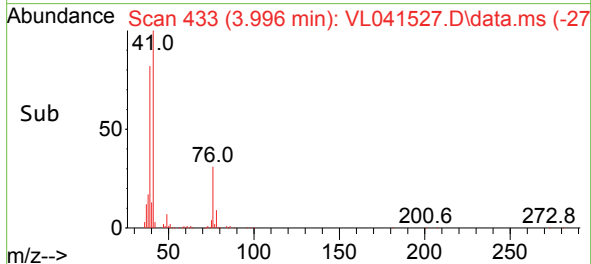
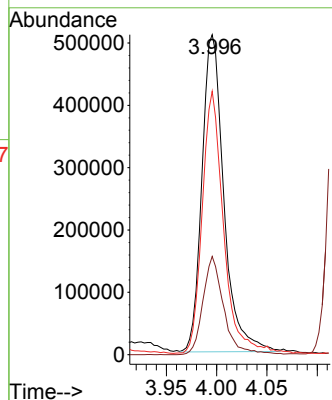
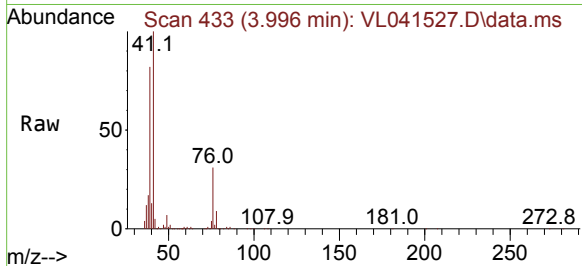




#21
 Allyl Chloride
 Concen: 10.926 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

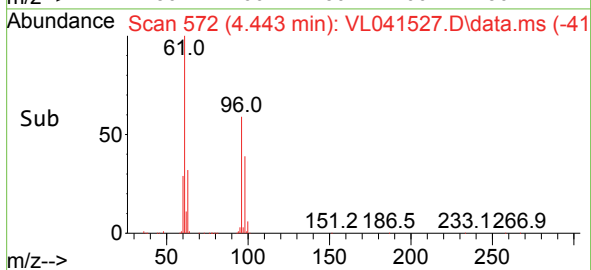
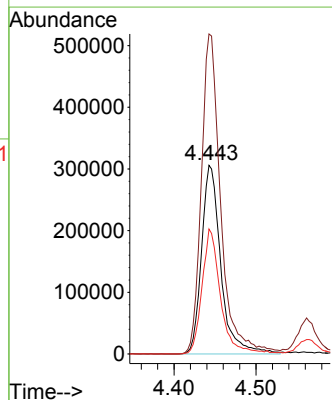
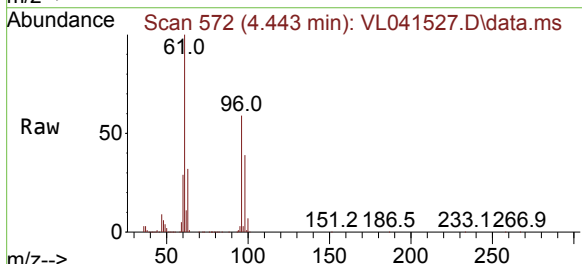
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

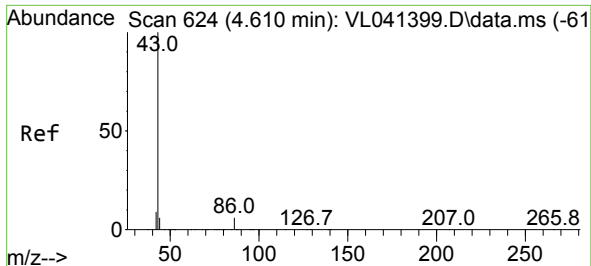
Tgt Ion: 41 Resp: 772532
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.7 35.5
 39 81.0 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 11.208 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 96 Resp: 500475
 Ion Ratio Lower Upper
 96 100
 61 169.5 135.4 203.2
 98 66.3 51.0 76.4



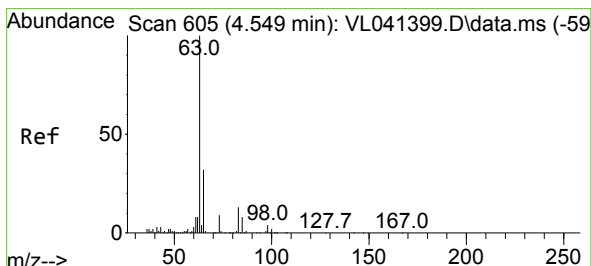
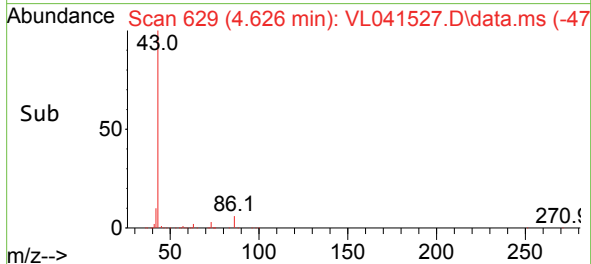
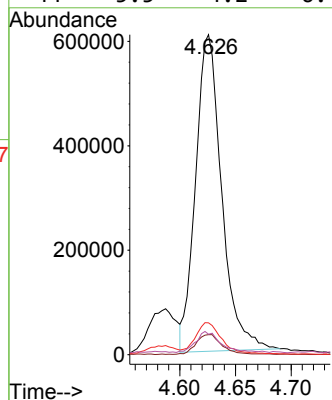
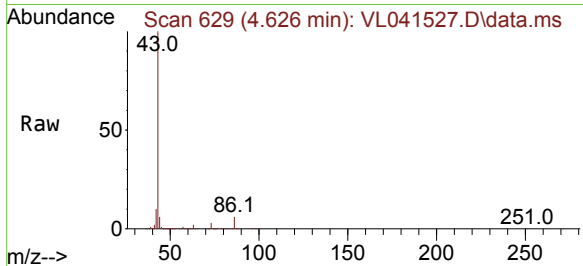


#23
 Vinyl Acetate
 Concen: 11.994 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 987621

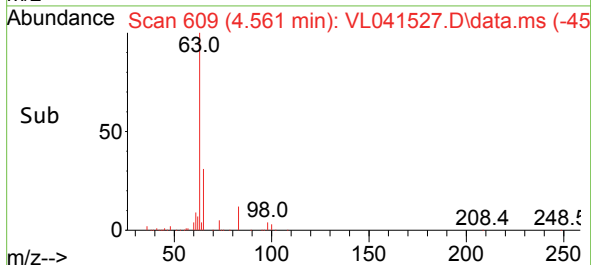
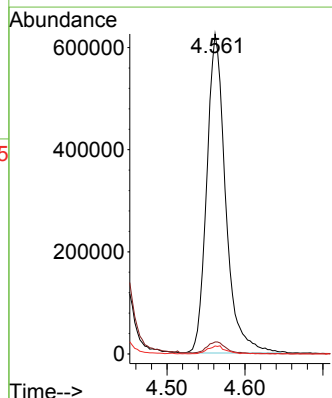
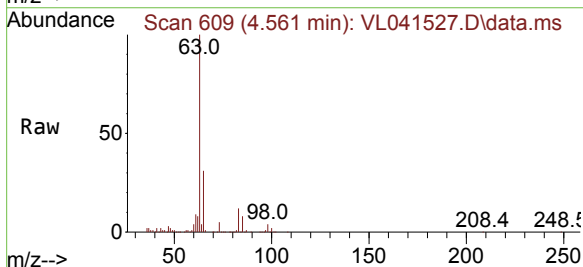
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.6	6.8
42	9.9	7.9	11.9
44	5.5	4.2	6.4

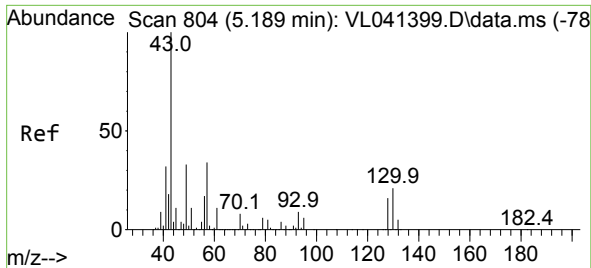


#24
 1,1-Dichloroethane
 Concen: 10.834 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 63 Resp: 1050452

Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	6.0
100	2.4	1.2	3.6



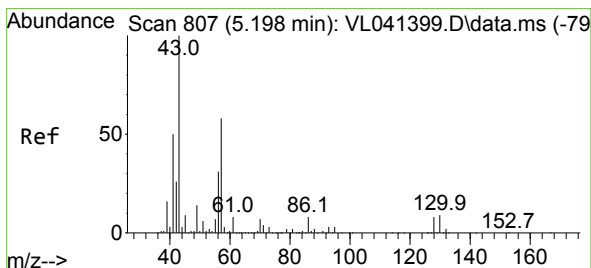
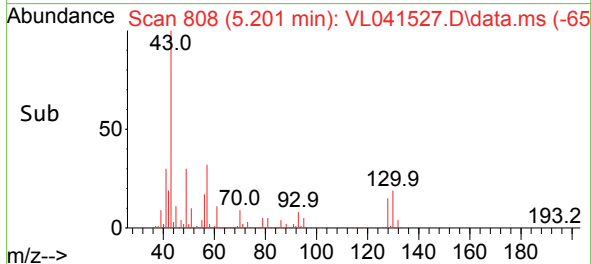
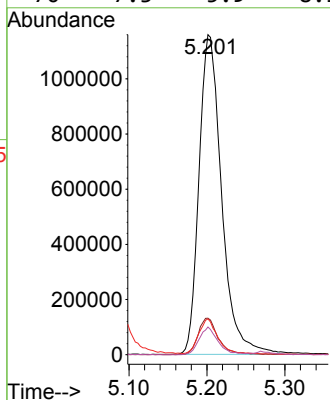
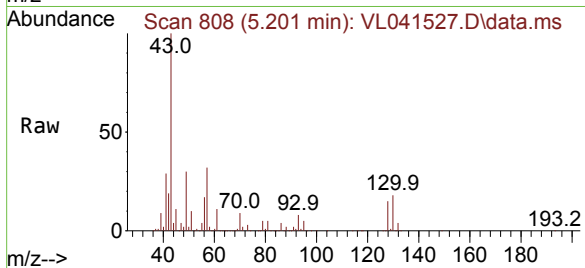


#25
Ethyl Acetate
Concen: 10.898 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2334339

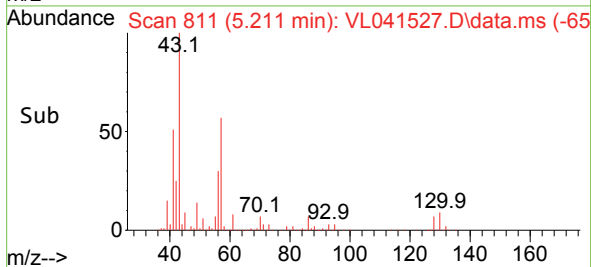
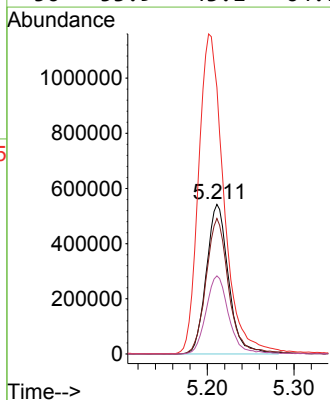
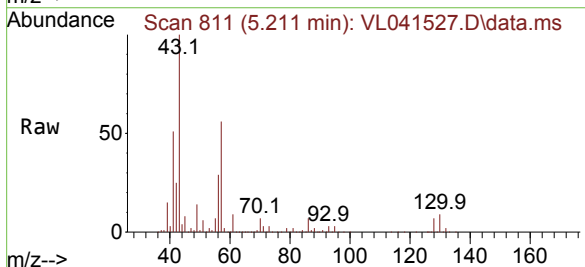
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.1	8.0	12.0
70	7.3	5.9	8.9

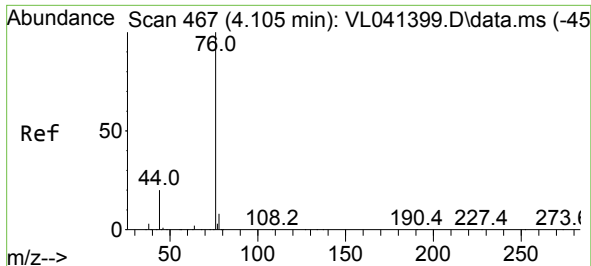


#26
Hexane
Concen: 10.867 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 57 Resp: 965613

Ion	Ratio	Lower	Upper
57	100		
41	93.3	74.0	111.0
43	244.8	193.6	290.4
56	53.9	43.1	64.7

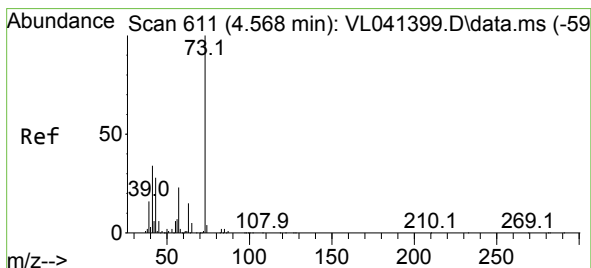
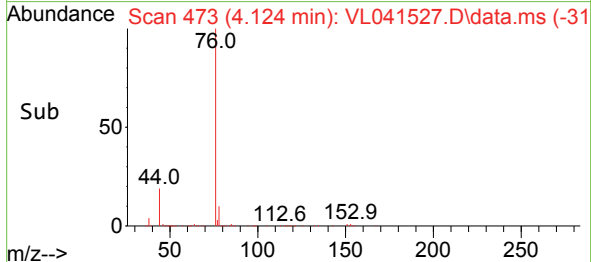
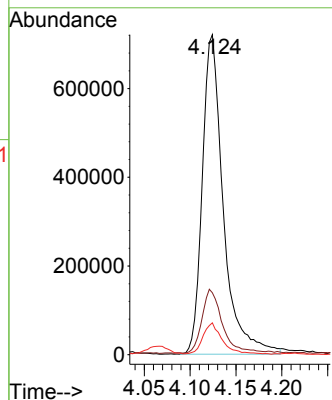
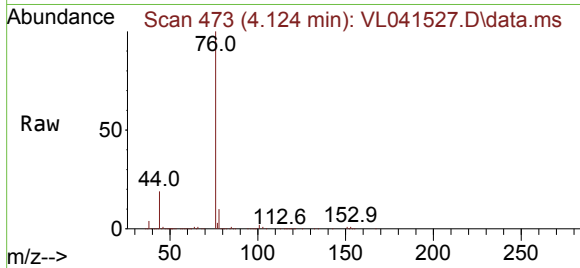




#27
Carbon Disulfide
Concen: 11.053 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

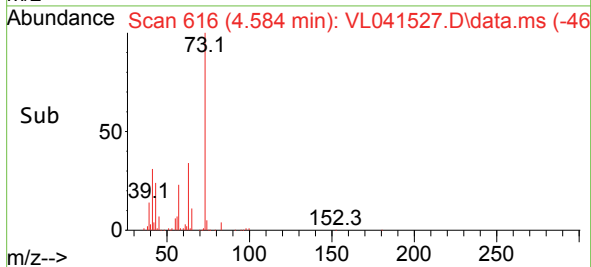
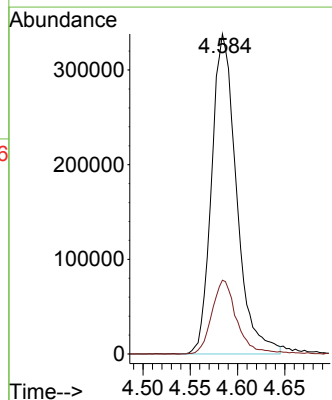
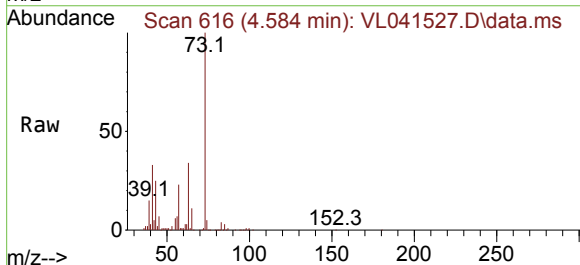
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

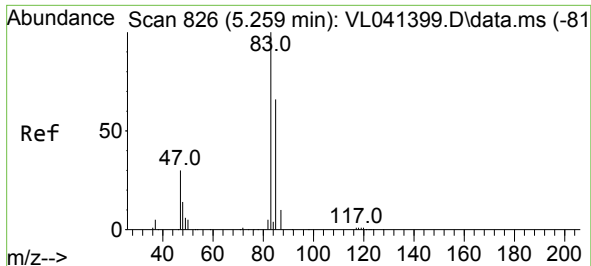
Tgt Ion: 76 Resp: 1148948
Ion Ratio Lower Upper
76 100
44 20.0 15.6 23.4
78 9.4 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 11.071 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 73 Resp: 620342
Ion Ratio Lower Upper
73 100
57 23.3 18.9 28.3





#29

Chloroform

Concen: 10.460 ppbv

RT: 5.272 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

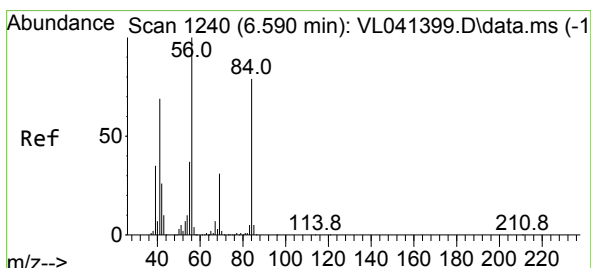
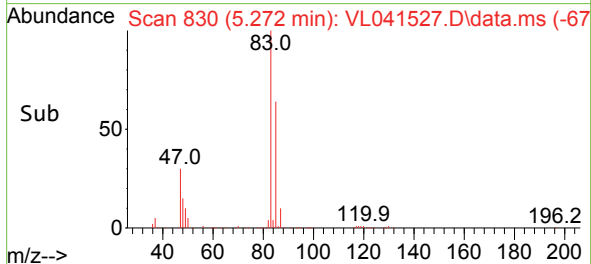
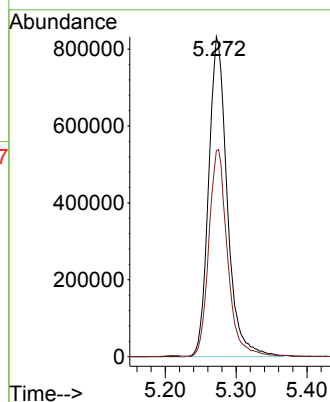
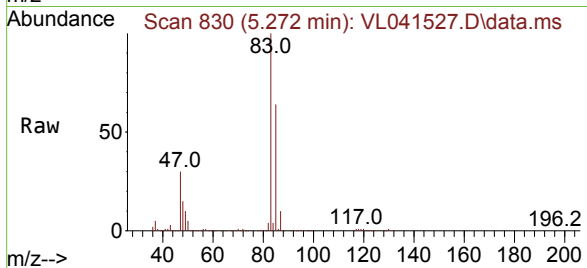
VSTDCCC010

Tgt Ion: 83 Resp: 1516034

Ion Ratio Lower Upper

83 100

85 64.1 53.1 79.7



#30

Cyclohexane

Concen: 11.410 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

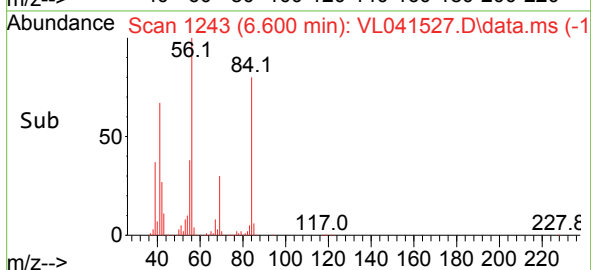
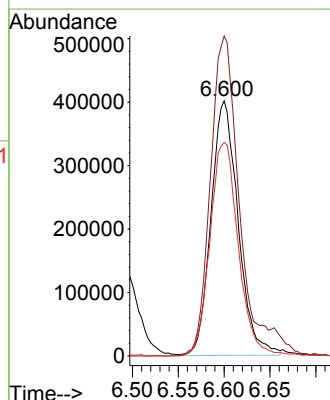
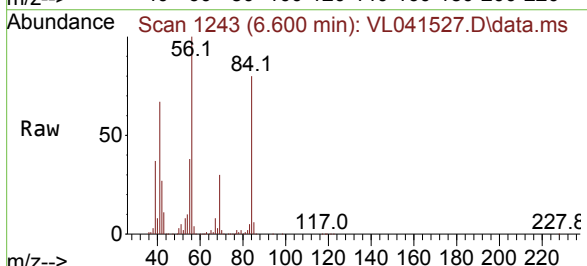
Tgt Ion: 84 Resp: 825630

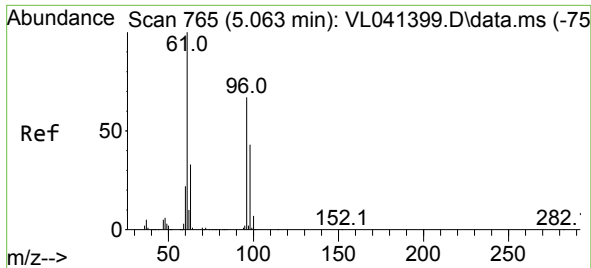
Ion Ratio Lower Upper

84 100

56 136.8 111.2 166.8

41 88.1 70.3 105.5

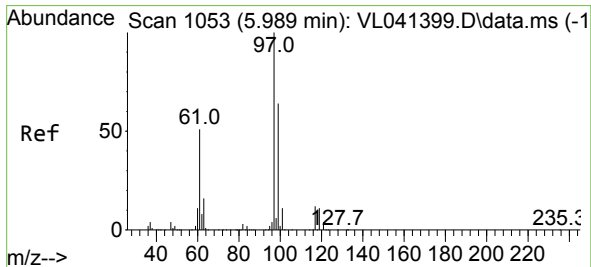
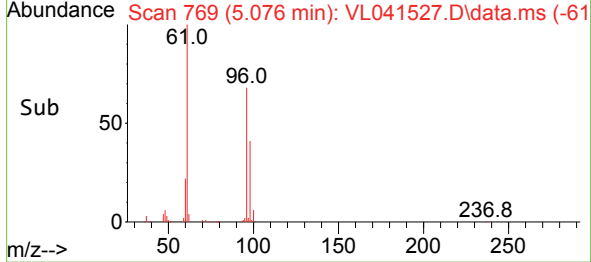
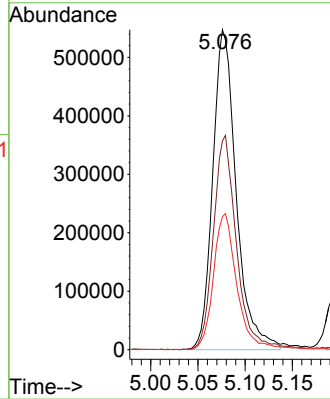
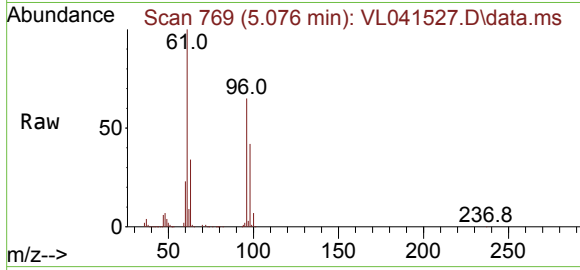




#31
 cis-1,2-Dichloroethene
 Concen: 10.783 ppbv
 RT: 5.076 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

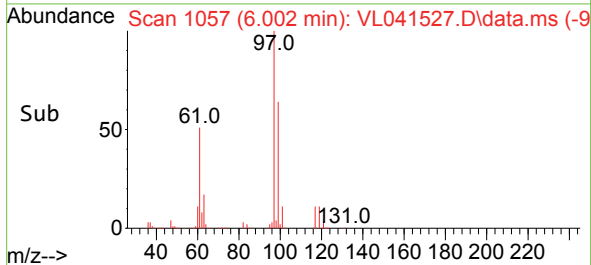
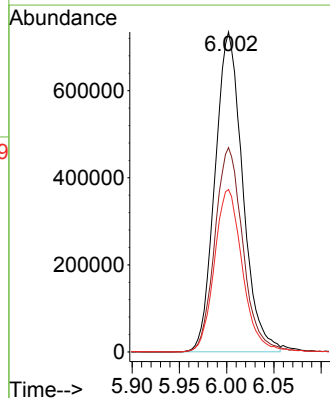
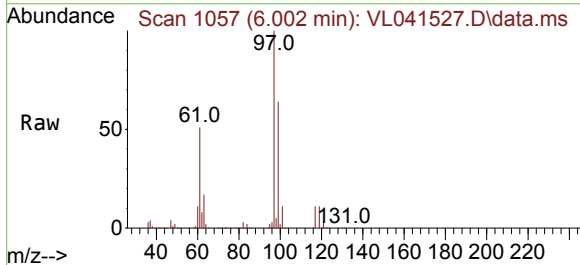
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

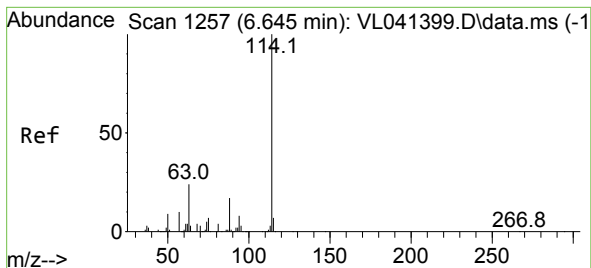
Tgt Ion: 61 Resp: 946511
 Ion Ratio Lower Upper
 61 100
 96 65.2 53.4 80.2
 98 41.5 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 10.586 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 97 Resp: 1493406
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 52.1 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

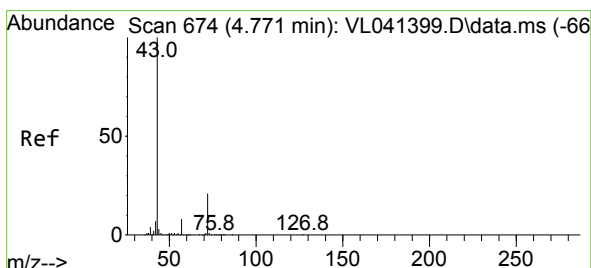
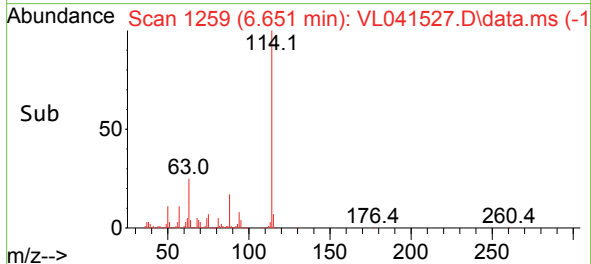
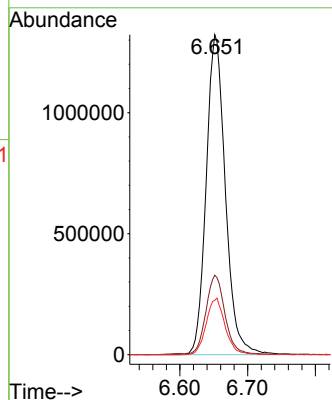
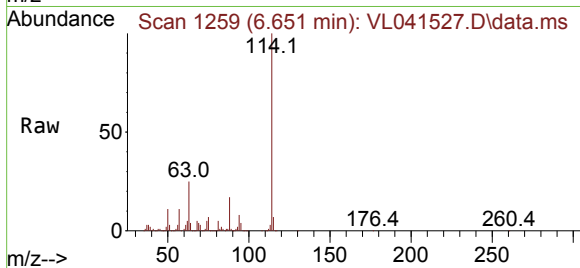
Tgt Ion:114 Resp: 2600579

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.5 14.3 21.5



#34

2-Butanone

Concen: 10.958 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.000 min

Lab File: VL041527.D

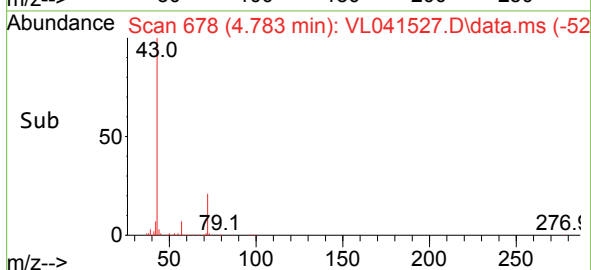
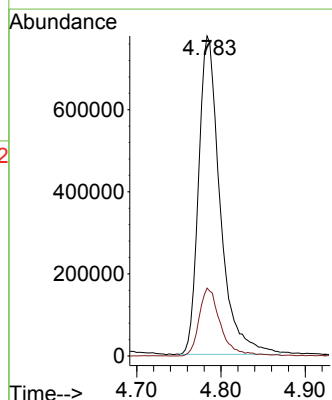
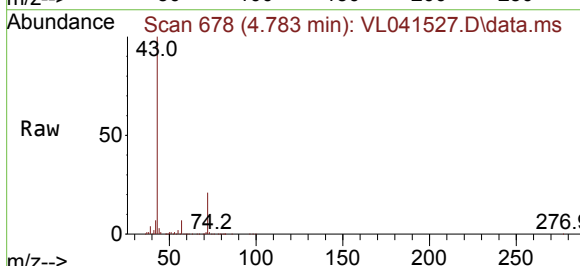
Acq: 12 Aug 2024 8:46

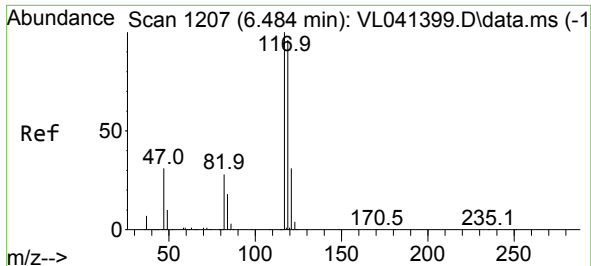
Tgt Ion: 43 Resp: 1378498

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9

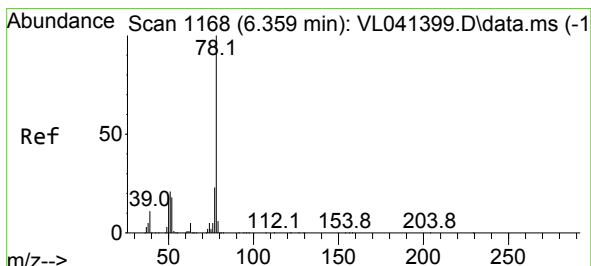
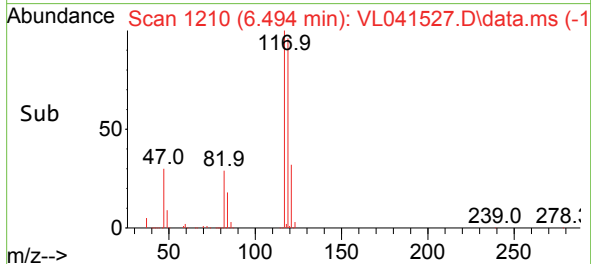
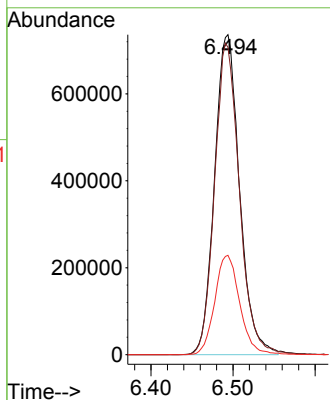
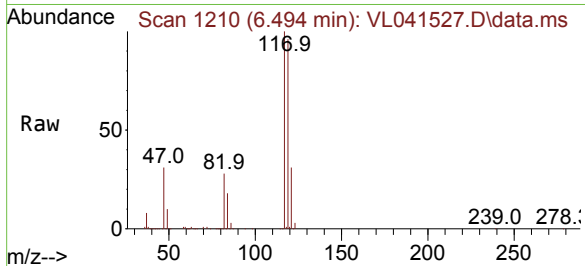




#35
Carbon Tetrachloride
Concen: 10.871 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

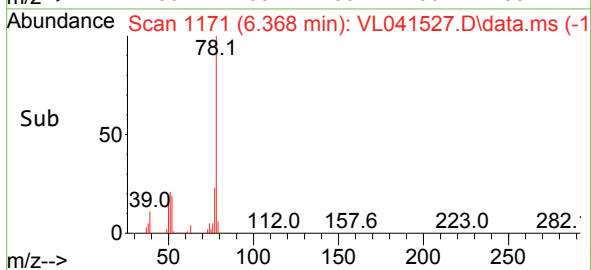
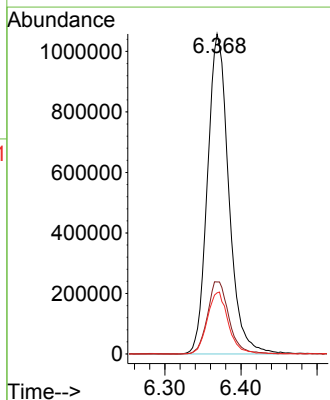
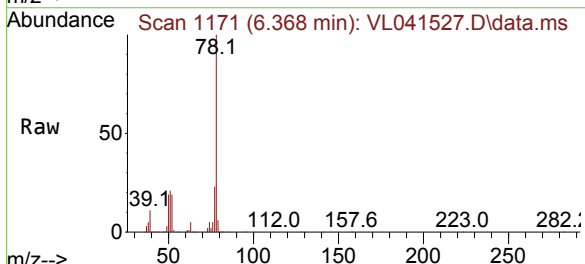
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

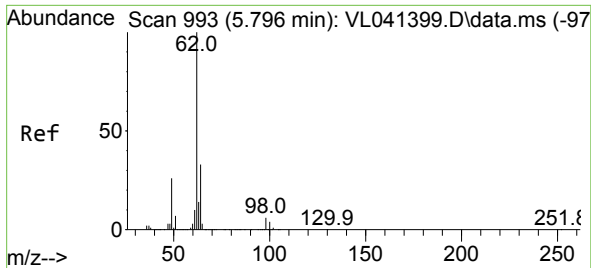
Tgt Ion:117 Resp: 1559323
Ion Ratio Lower Upper
117 100
119 96.0 76.6 115.0
121 31.1 25.1 37.7



#36
Benzene
Concen: 10.804 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 78 Resp: 2053064
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 19.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.811 ppbv

RT: 5.806 min Scan# 993

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

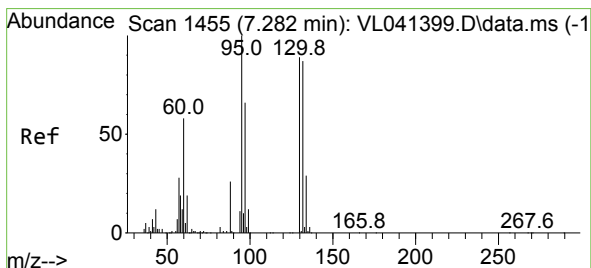
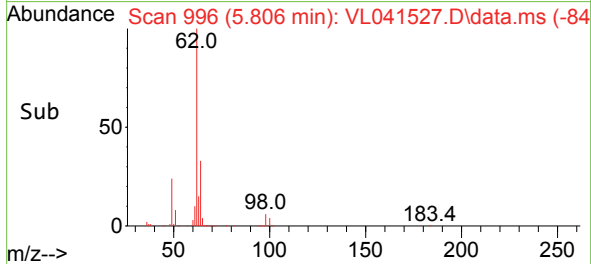
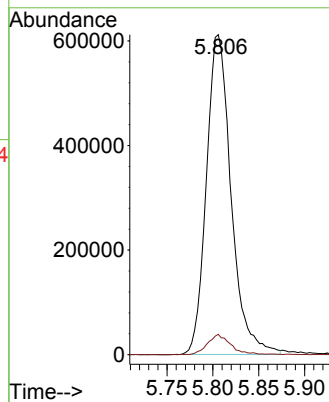
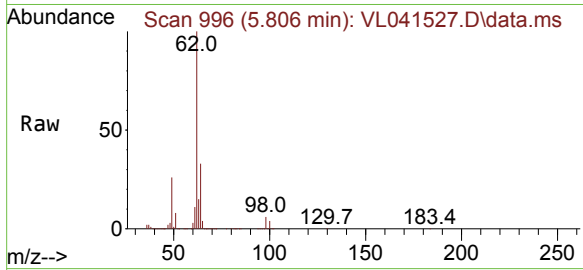
VSTDCCC010

Tgt Ion: 62 Resp: 1149797

Ion Ratio Lower Upper

62 100

98 6.1 5.0 7.4



#38

Trichloroethene

Concen: 10.895 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Tgt Ion:130 Resp: 948439

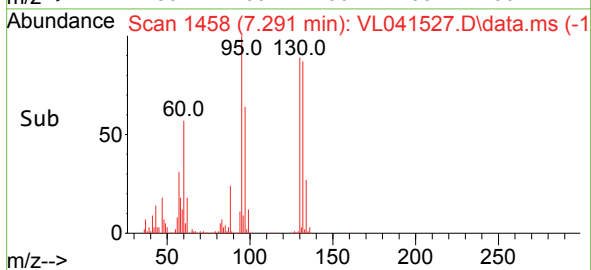
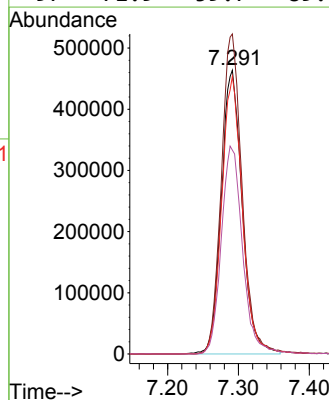
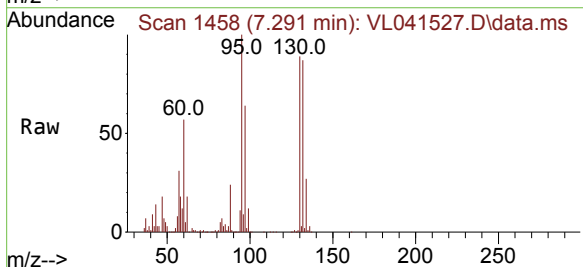
Ion Ratio Lower Upper

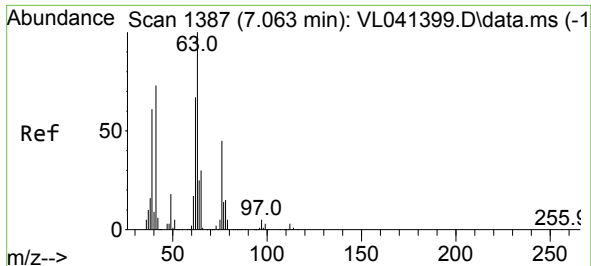
130 100

95 112.8 90.2 135.2

132 97.9 78.1 117.1

97 71.9 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.865 ppbv

RT: 7.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

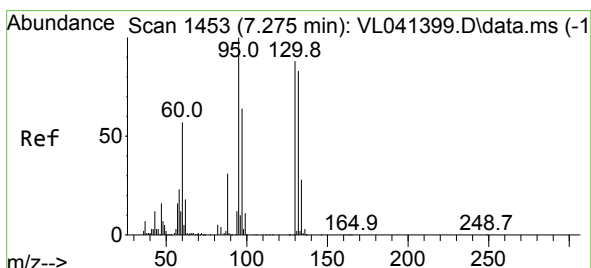
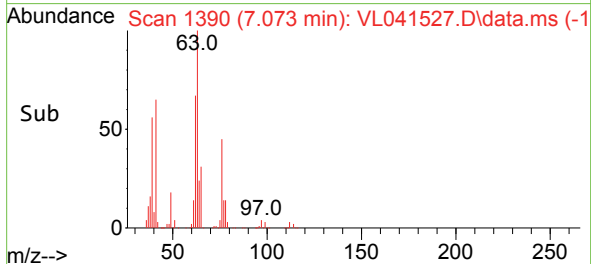
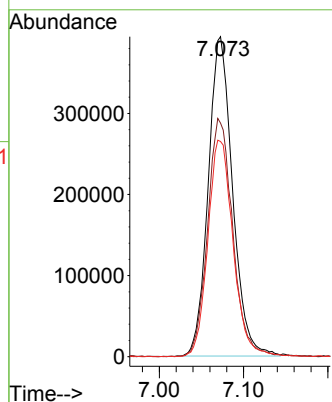
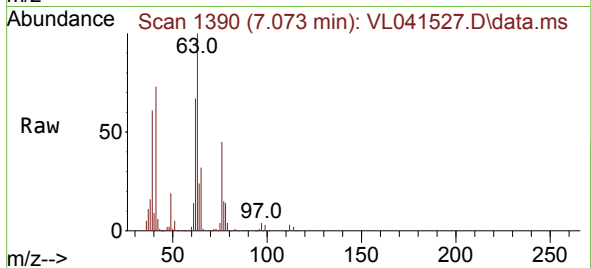
Tgt Ion: 63 Resp: 790468

Ion Ratio Lower Upper

63 100

41 72.9 58.3 87.5

62 67.3 53.9 80.9



#40

1,4-Dioxane

Concen: 10.801 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Tgt Ion: 88 Resp: 315670

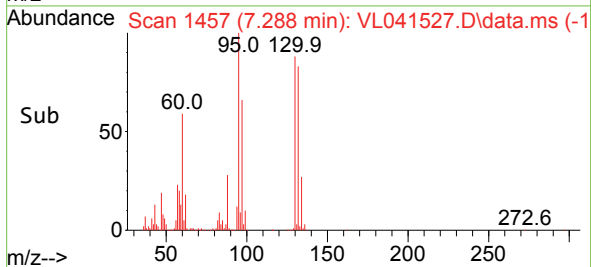
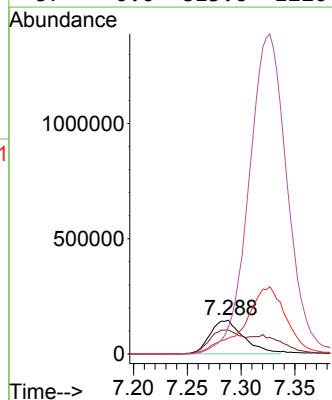
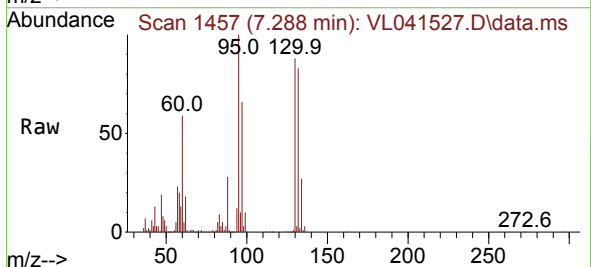
Ion Ratio Lower Upper

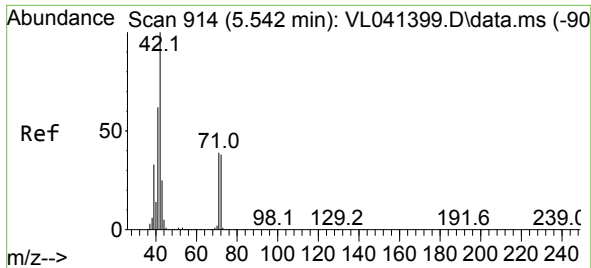
88 100

58 126.9 95.8 143.6

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 11.659 ppbv

RT: 5.555 min Scan# 914

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

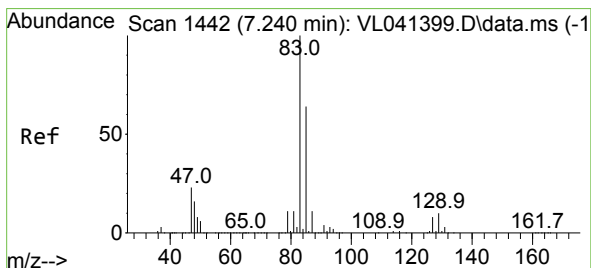
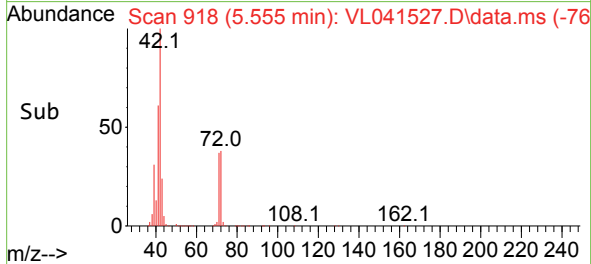
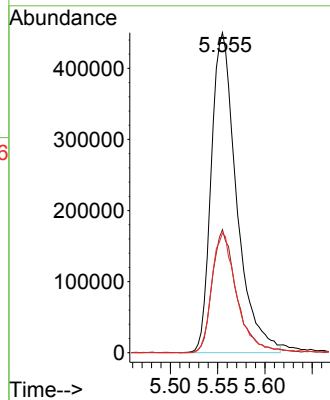
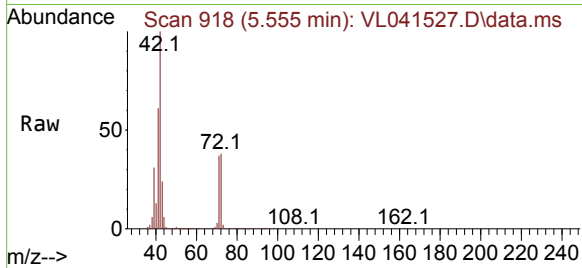
Tgt Ion: 42 Resp: 838835

Ion Ratio Lower Upper

42 100

72 37.7 31.2 46.8

71 37.5 30.5 45.7



#42

Bromodichloromethane

Concen: 10.864 ppbv

RT: 7.249 min Scan# 1445

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

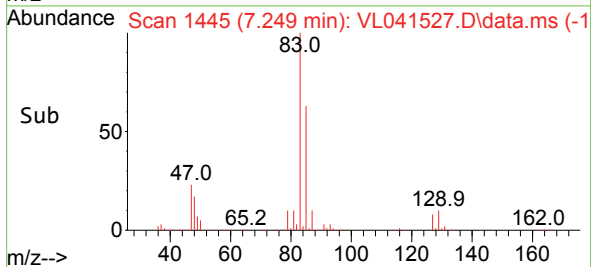
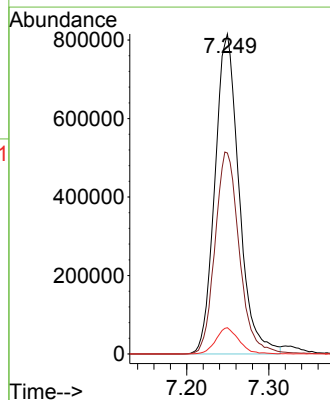
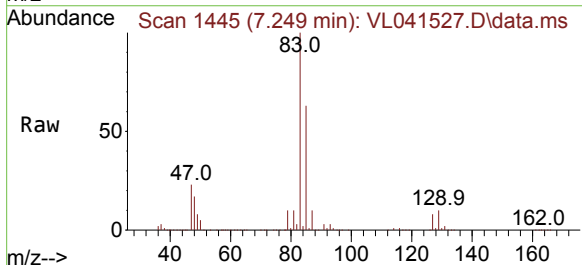
Tgt Ion: 83 Resp: 1668411

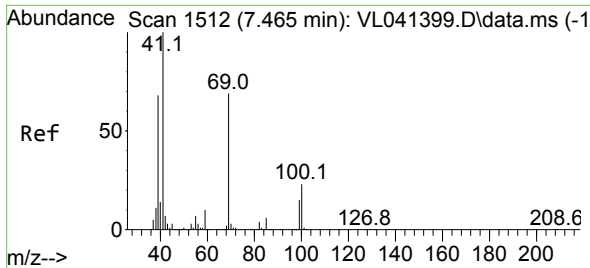
Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

127 8.2 6.7 10.1

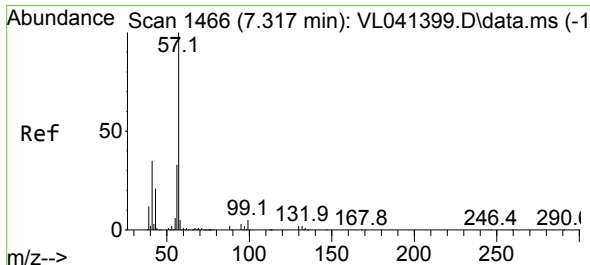
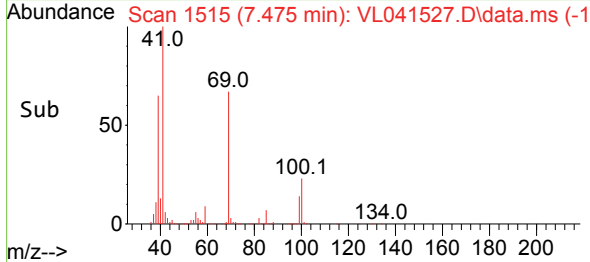
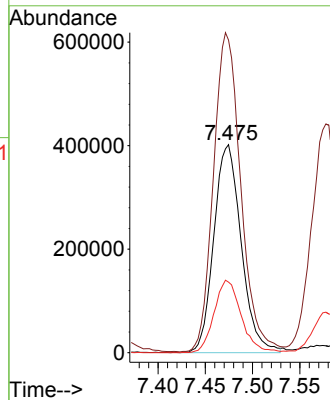
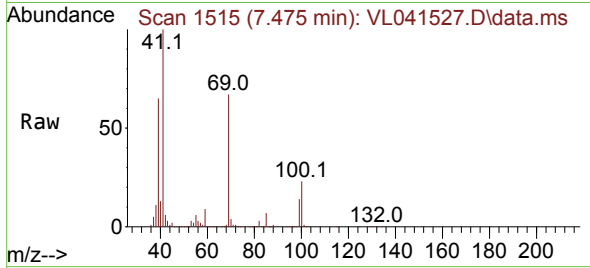




#43
Methyl Methacrylate
Concen: 11.866 ppbv
RT: 7.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

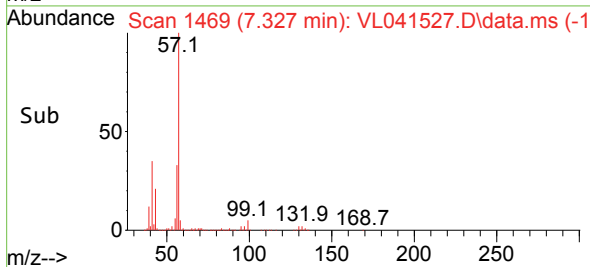
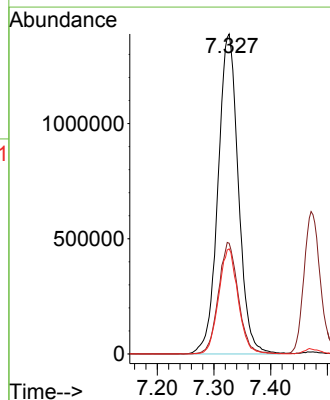
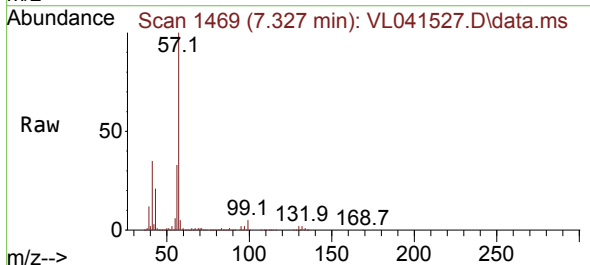
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

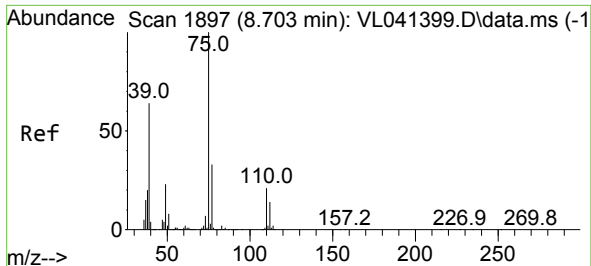
Tgt Ion: 69 Resp: 808557
Ion Ratio Lower Upper
69 100
41 153.9 118.7 178.1
100 34.5 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.902 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 57 Resp: 3460189
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.5 25.2 37.8

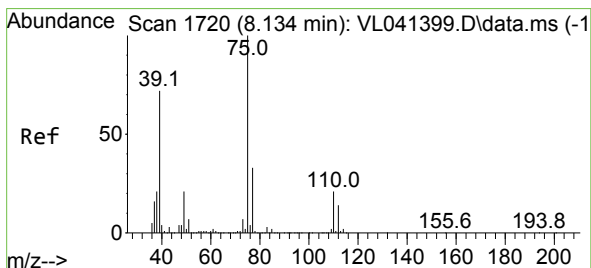
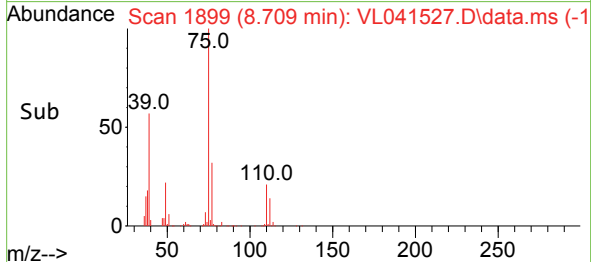
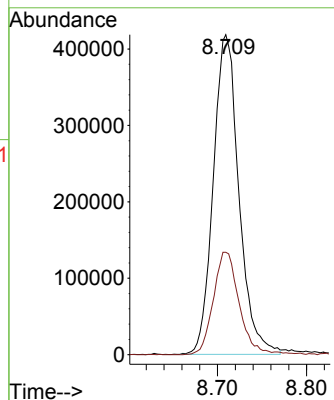
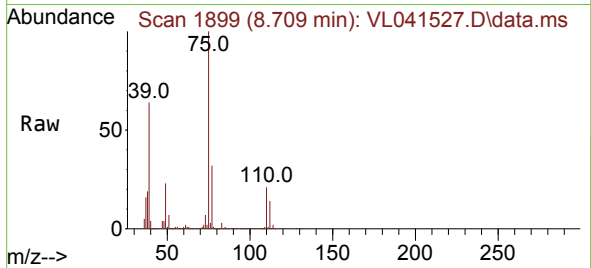




#45
 t-1,3-Dichloropropene
 Concen: 13.325 ppbv
 RT: 8.709 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

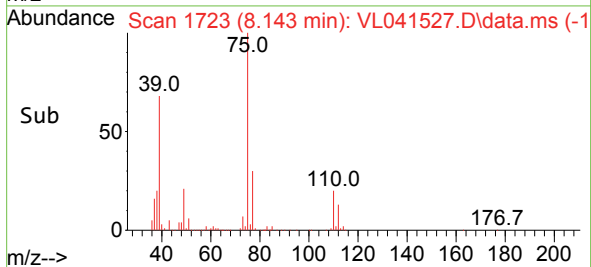
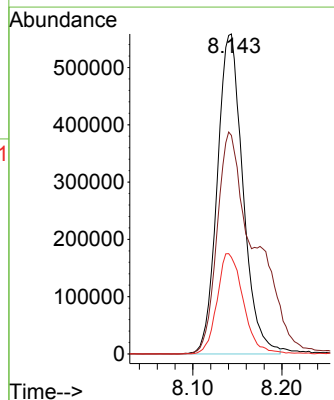
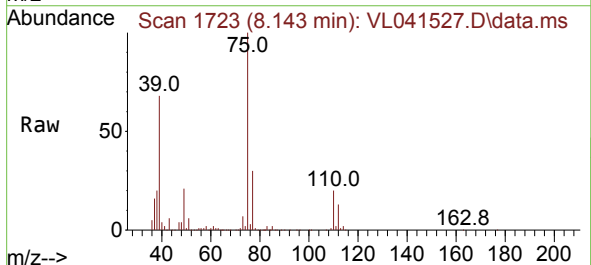
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

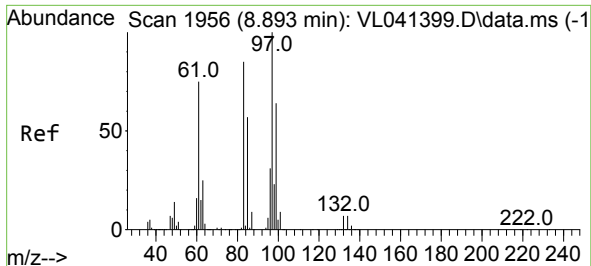
Tgt Ion: 75 Resp: 835718
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 12.344 ppbv
 RT: 8.143 min Scan# 1723
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 75 Resp: 1117986
 Ion Ratio Lower Upper
 75 100
 39 68.3 57.3 85.9
 77 30.2 26.2 39.2



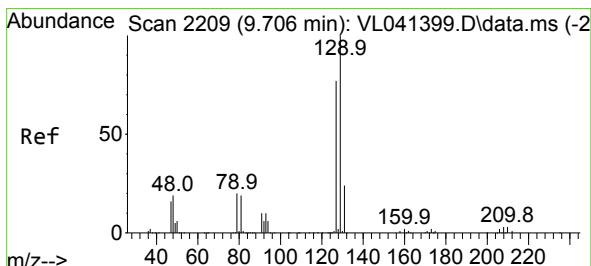
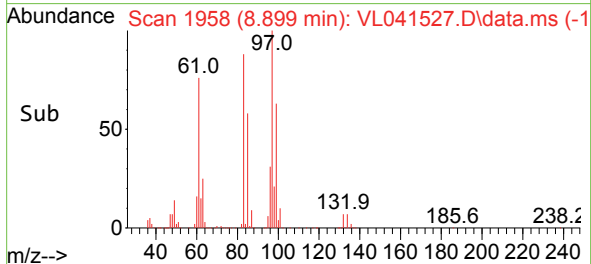
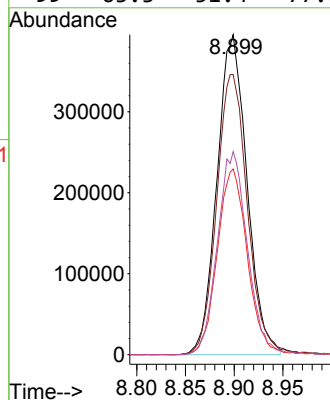
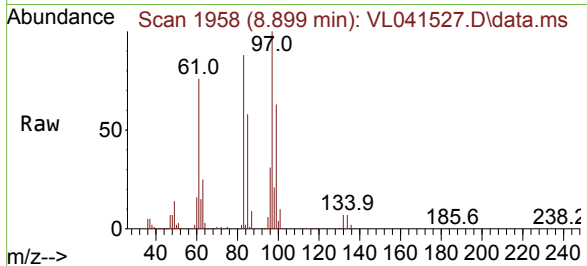


#47
1,1,2-Trichloroethane
Concen: 10.562 ppbv
RT: 8.899 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 97 Resp: 846976

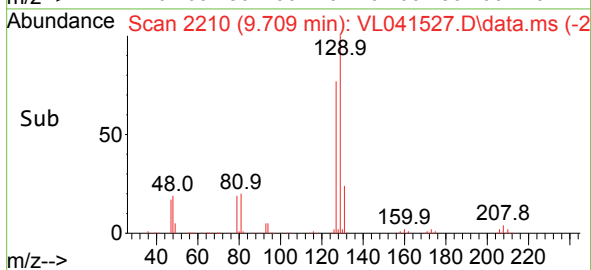
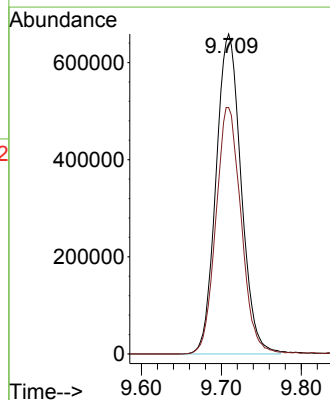
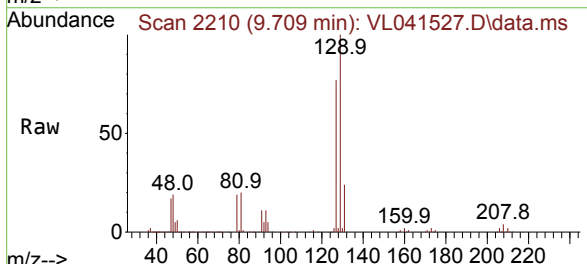
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.6	101.4
85	58.0	45.9	68.9
99	63.3	51.4	77.0

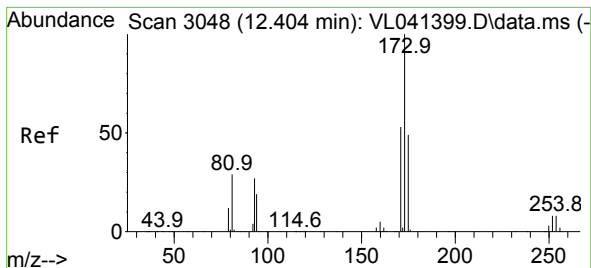


#48
Dibromochloromethane
Concen: 11.108 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 129 Resp: 1435054

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.3	117.8





#49

Bromoform

Concen: 11.401 ppbv

RT: 12.407 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

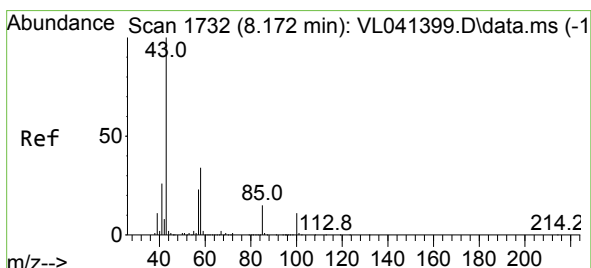
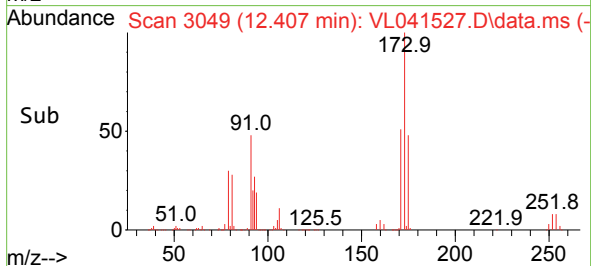
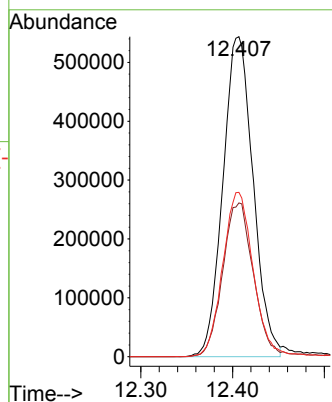
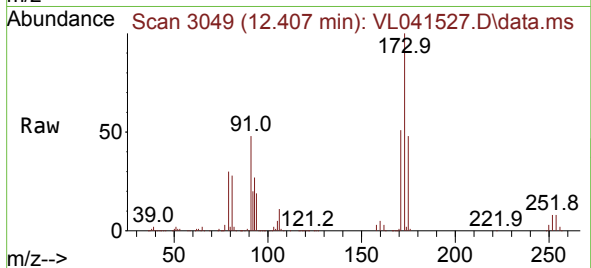
Tgt Ion:173 Resp: 1244113

Ion Ratio Lower Upper

173 100

175 50.2 39.9 59.9

171 52.7 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 11.493 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041527.D

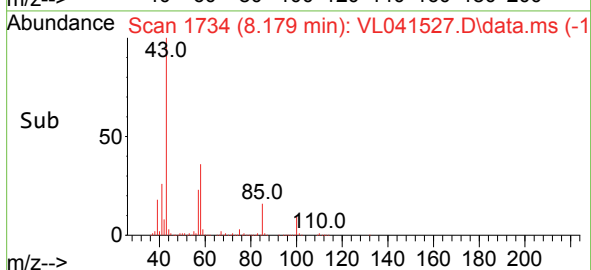
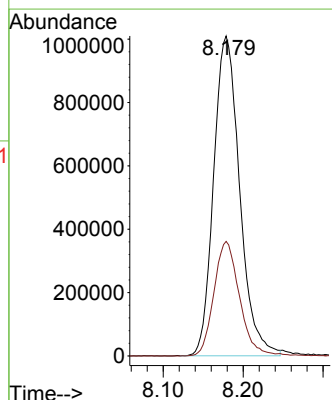
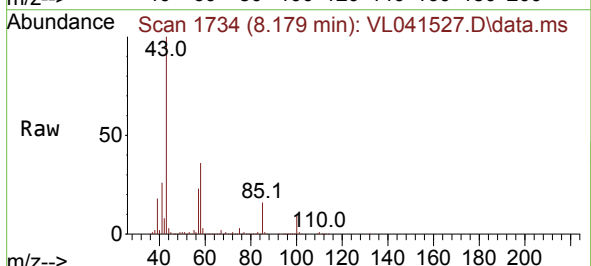
Acq: 12 Aug 2024 8:46

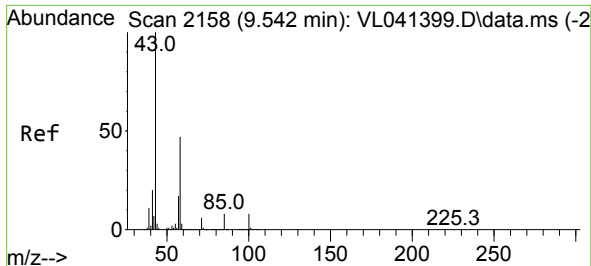
Tgt Ion: 43 Resp: 2281073

Ion Ratio Lower Upper

43 100

58 35.5 27.9 41.9

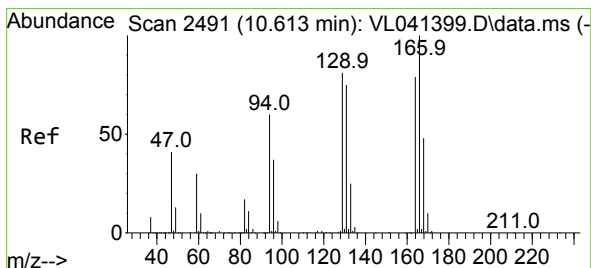
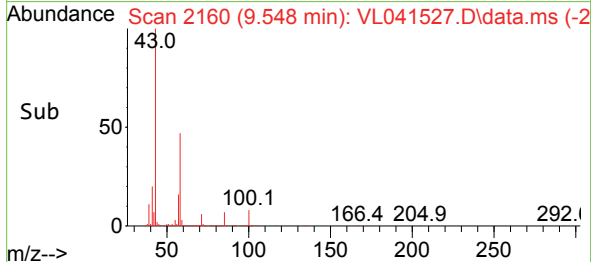
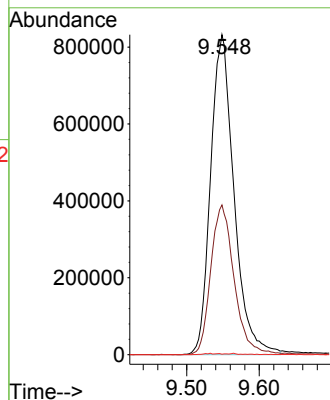
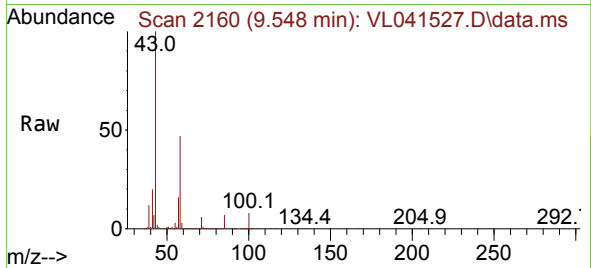




#51
2-Hexanone
Concen: 12.415 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

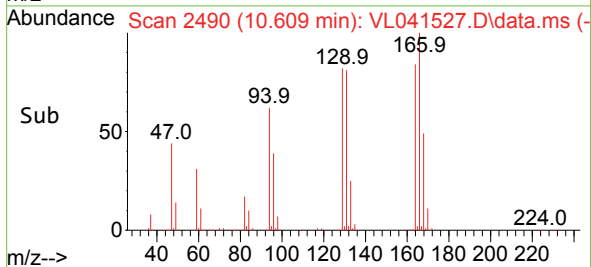
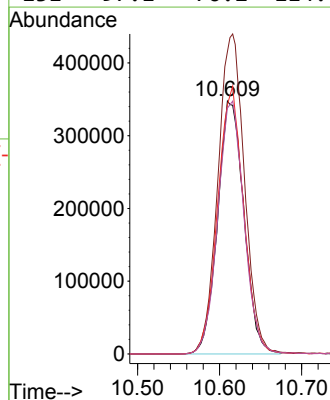
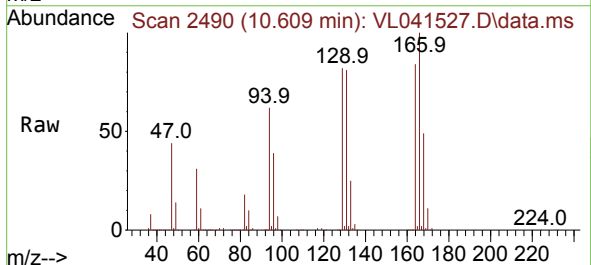
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

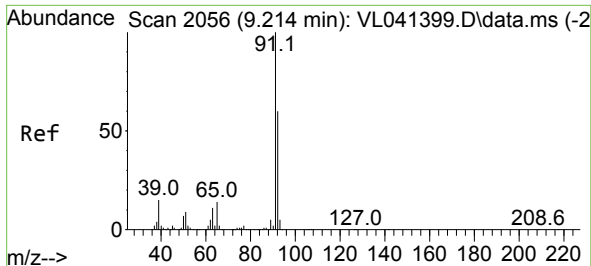
Tgt Ion: 43 Resp: 1863230
Ion Ratio Lower Upper
43 100
58 47.2 38.2 57.2
98 0.4 0.3 0.5



#52
Tetrachloroethene
Concen: 10.555 ppbv
RT: 10.609 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 164 Resp: 774992
Ion Ratio Lower Upper
164 100
166 119.5 101.1 151.7
129 98.5 81.7 122.5
131 97.1 76.2 114.4

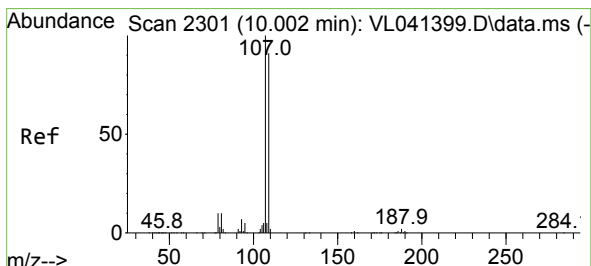
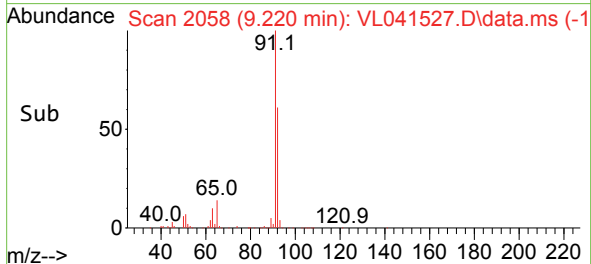
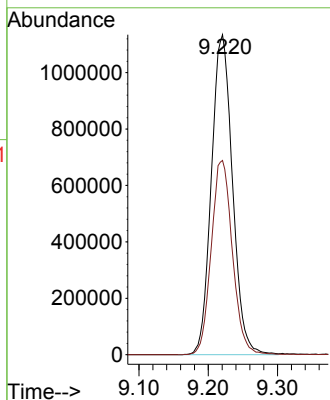
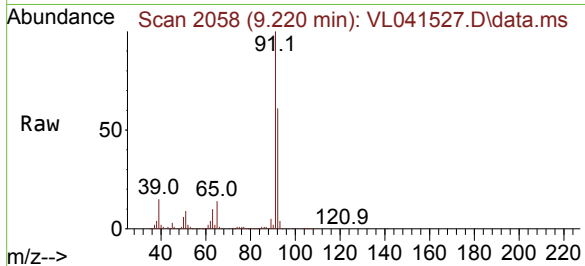




#53
Toluene
Concen: 11.343 ppbv
RT: 9.220 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

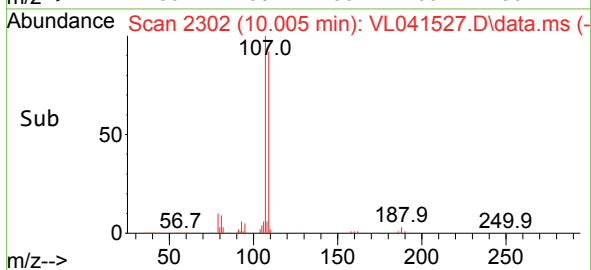
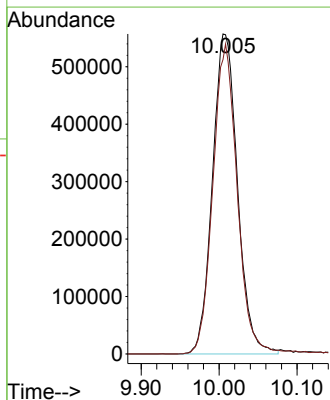
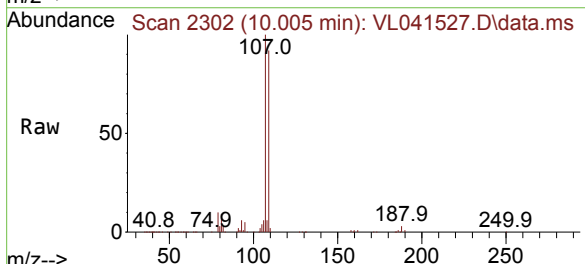
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

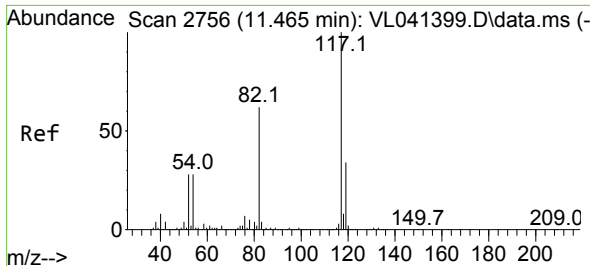
Tgt Ion: 91 Resp: 2400814
Ion Ratio Lower Upper
91 100
92 60.9 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.646 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 107 Resp: 1243024
Ion Ratio Lower Upper
107 100
109 92.0 72.7 109.1

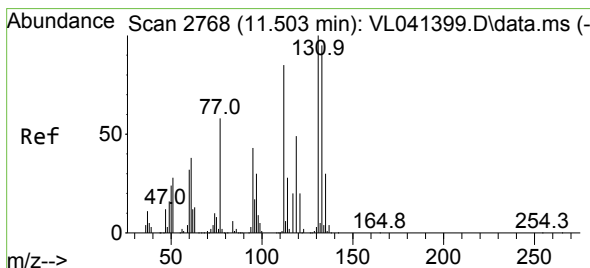
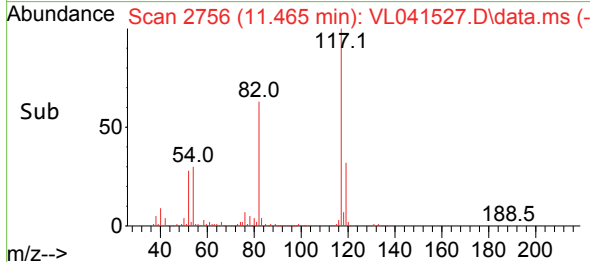
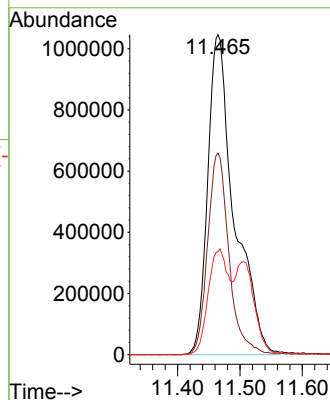
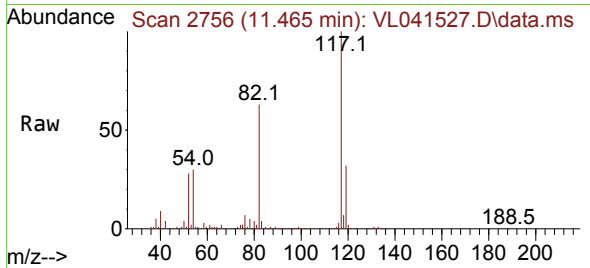




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

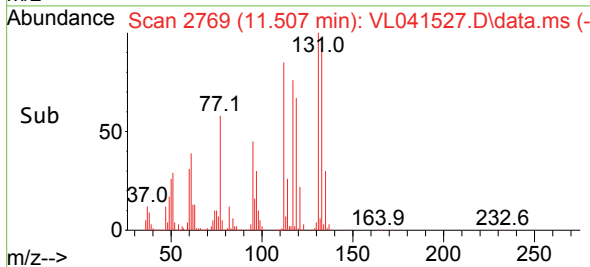
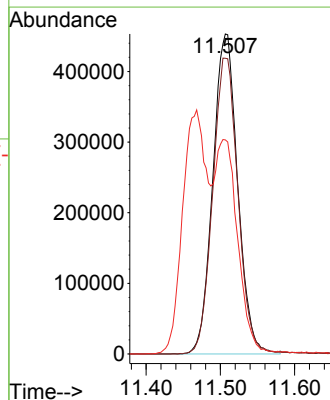
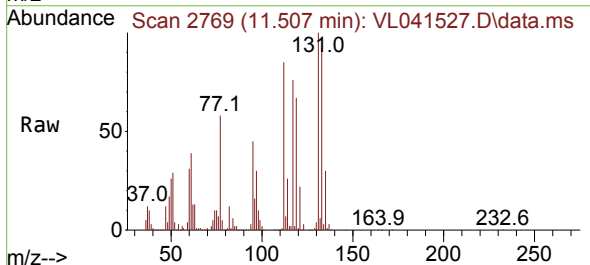
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

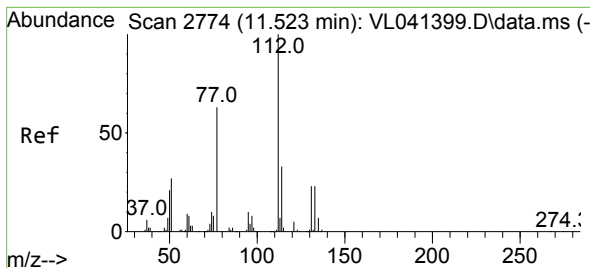
Tgt Ion:117 Resp: 3090471
Ion Ratio Lower Upper
117 100
82 50.9 51.0 76.6#
119 25.8 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.787 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion:131 Resp: 1053113
Ion Ratio Lower Upper
131 100
133 94.7 77.0 115.4
119 59.0 121.5 182.3#

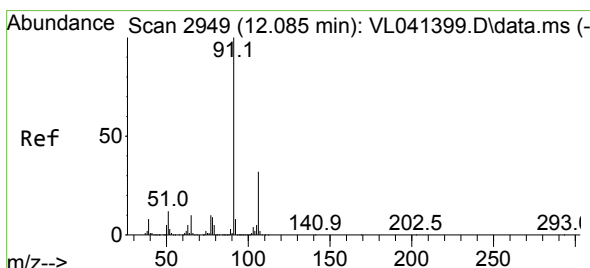
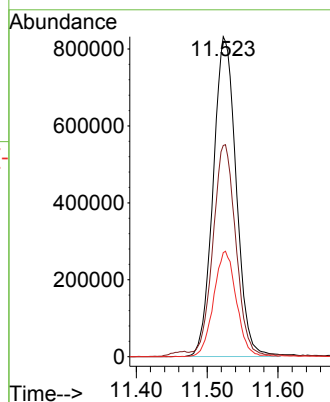
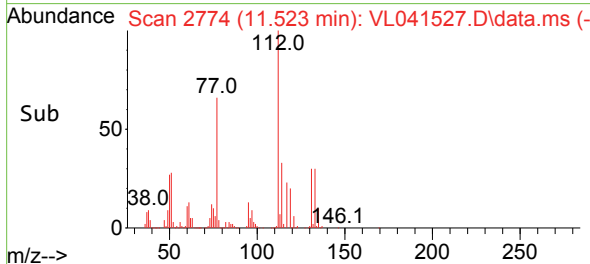
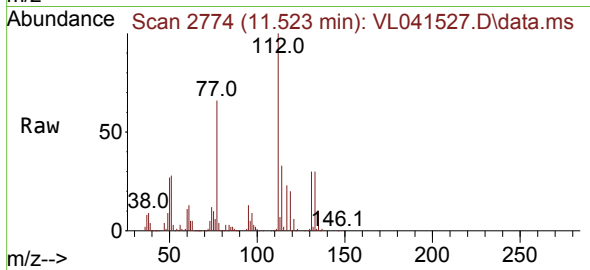




#57
Chlorobenzene
Concen: 8.531 ppbv
RT: 11.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

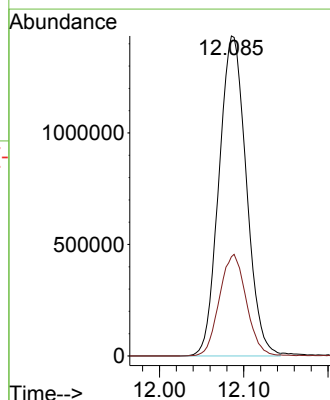
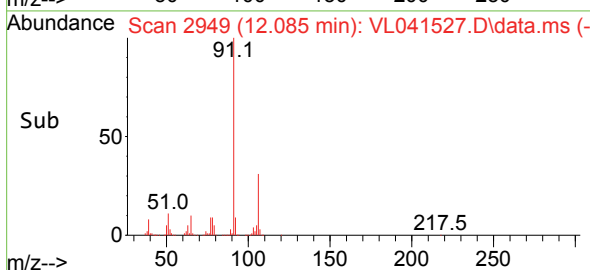
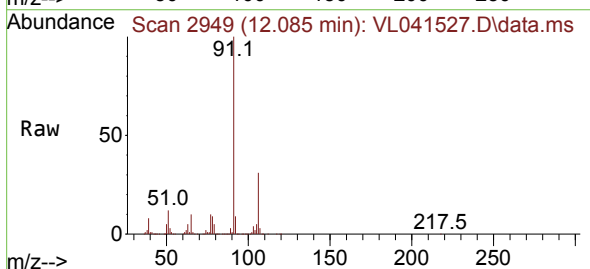
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

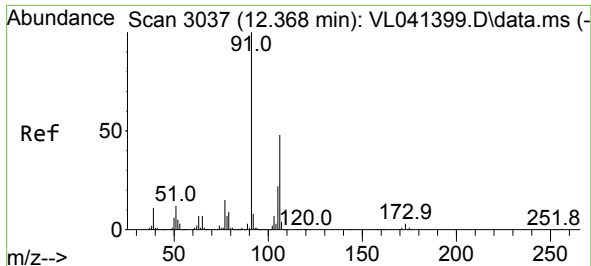
Tgt Ion:112 Resp: 1877092
Ion Ratio Lower Upper
112 100
77 65.4 51.1 76.7
114 32.5 29.5 36.1



#58
Ethyl Benzene
Concen: 9.067 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 91 Resp: 3229692
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.8





#59

m/p-Xylene

Concen: 9.648 ppbv

RT: 12.371 min Scan# 3037

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

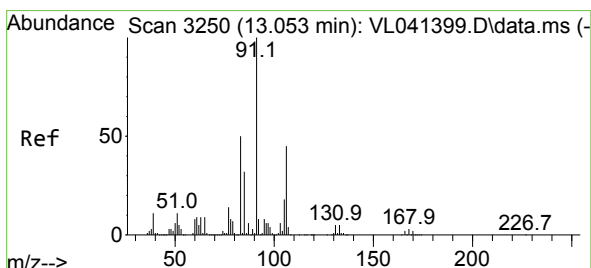
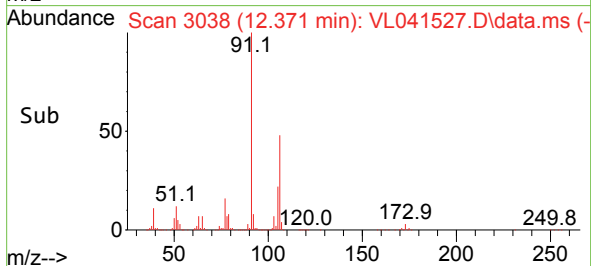
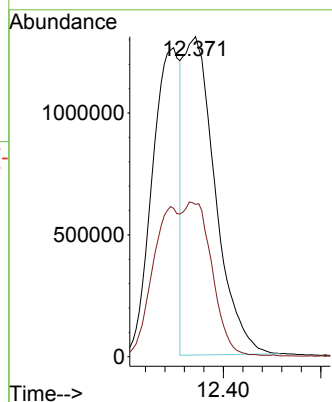
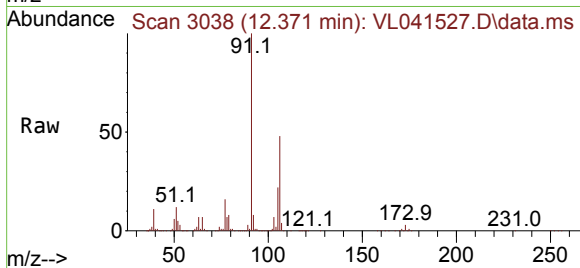
VSTDCCC010

Tgt Ion: 91 Resp: 2966831

Ion Ratio Lower Upper

91 100

106 84.8 36.3 54.5#



#60

o-Xylene

Concen: 9.058 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.000 min

Lab File: VL041527.D

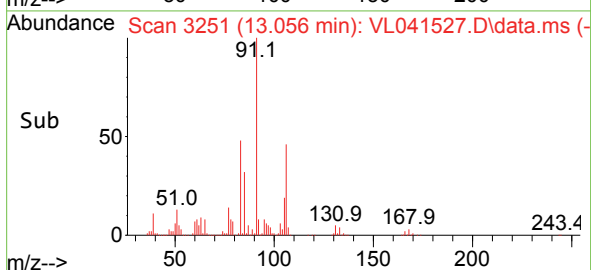
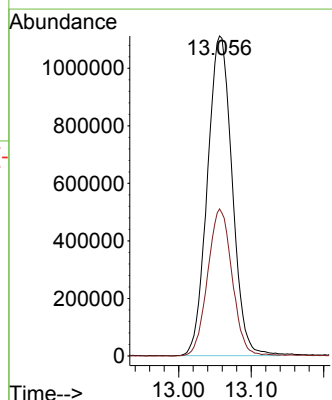
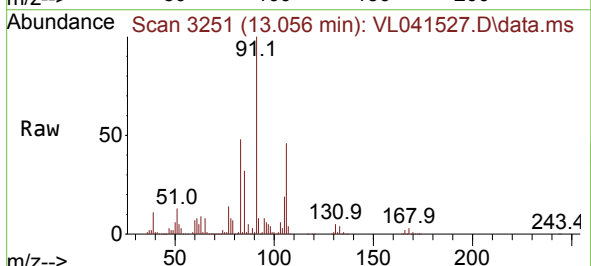
Acq: 12 Aug 2024 8:46

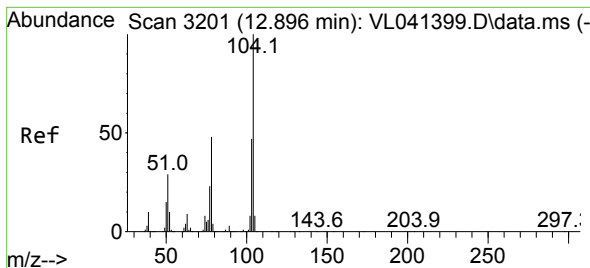
Tgt Ion: 91 Resp: 2634952

Ion Ratio Lower Upper

91 100

106 45.9 23.1 69.3





#61

Styrene

Concen: 9.797 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

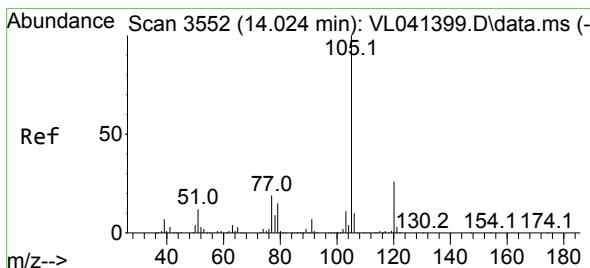
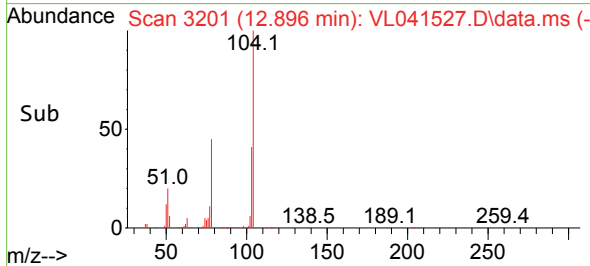
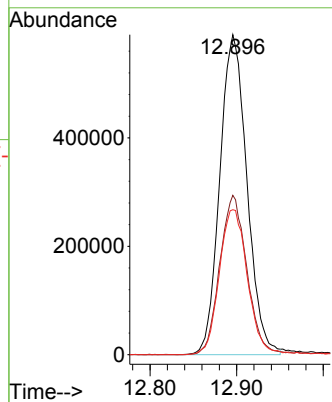
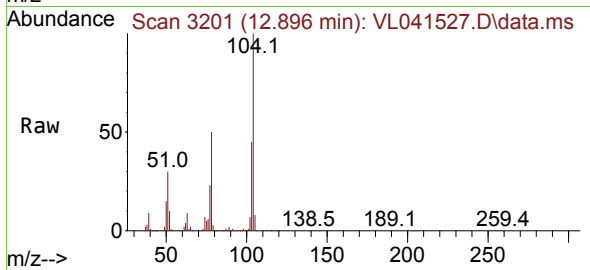
Tgt Ion:104 Resp: 1285721

Ion Ratio Lower Upper

104 100

78 50.1 40.8 61.2

103 47.5 38.2 57.4



#62

Isopropylbenzene

Concen: 8.649 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL041527.D

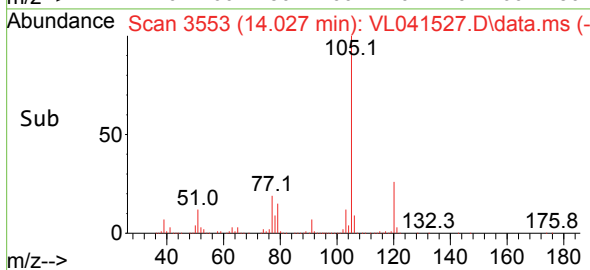
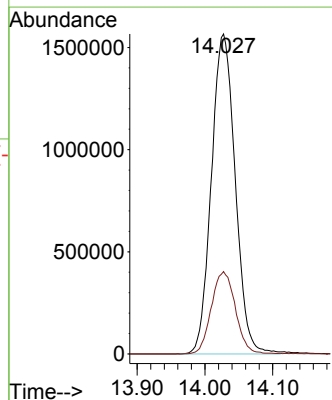
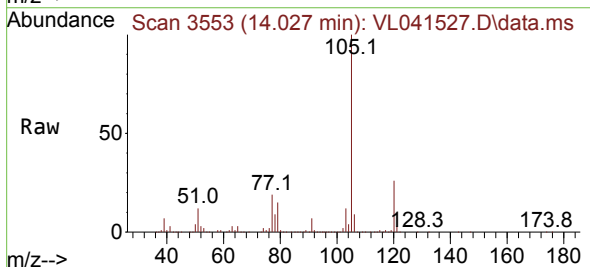
Acq: 12 Aug 2024 8:46

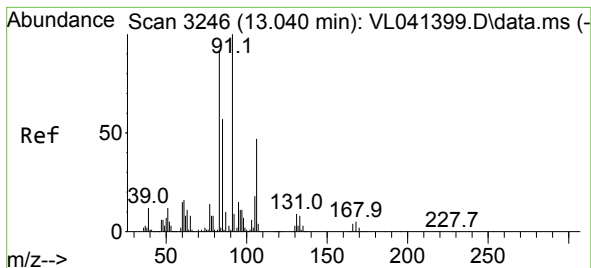
Tgt Ion:105 Resp: 3824563

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.4

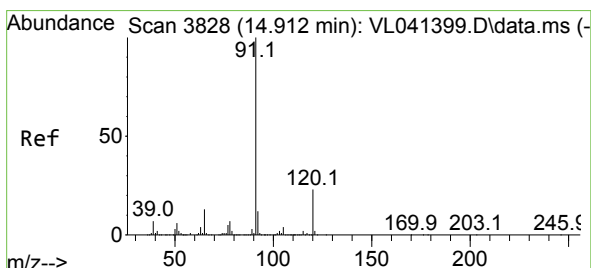
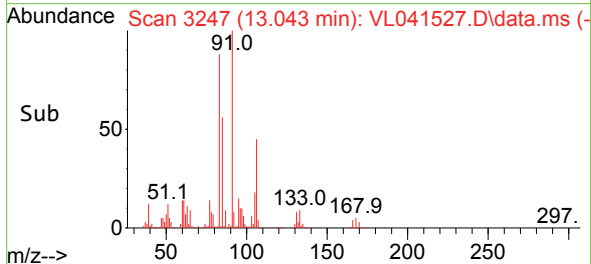
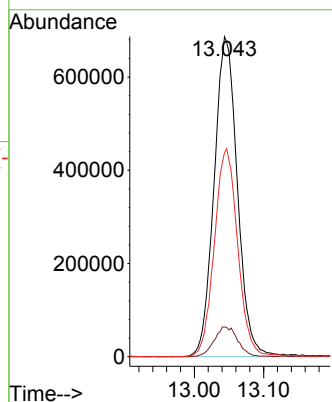
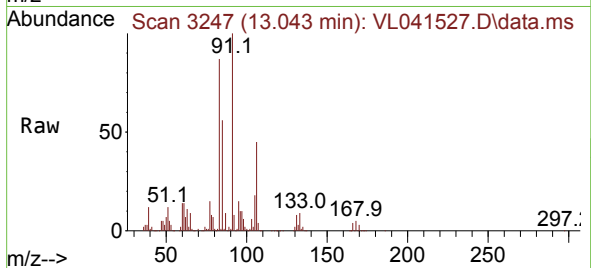




#63
1,1,2,2-Tetrachloroethane
Concen: 8.738 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

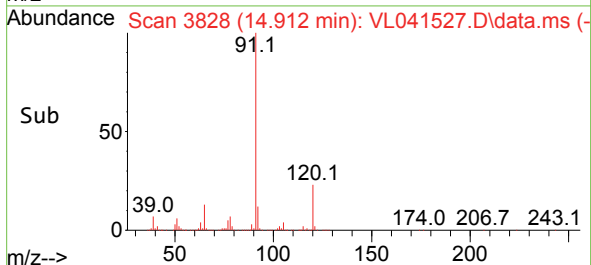
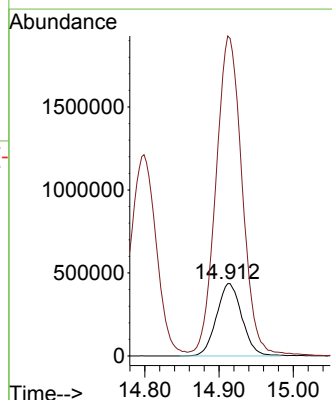
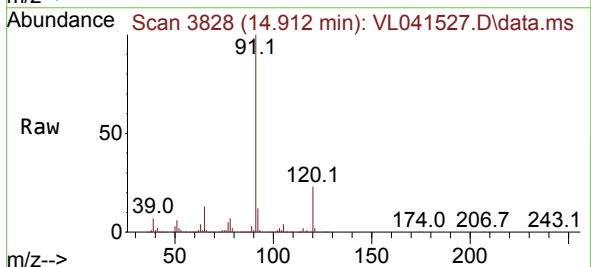
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

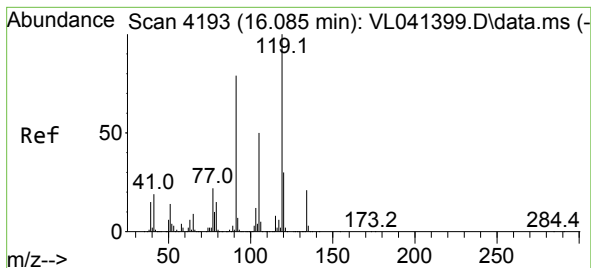
Tgt Ion: 83 Resp: 1605022
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.8 32.6 98.0



#64
n-propylbenzene
Concen: 8.964 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion:120 Resp: 1036299
Ion Ratio Lower Upper
120 100
91 458.6 361.4 542.0





#65

tert-Butylbenzene

Concen: 8.658 ppbv

RT: 16.088 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

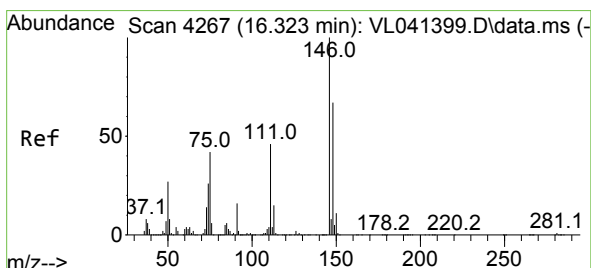
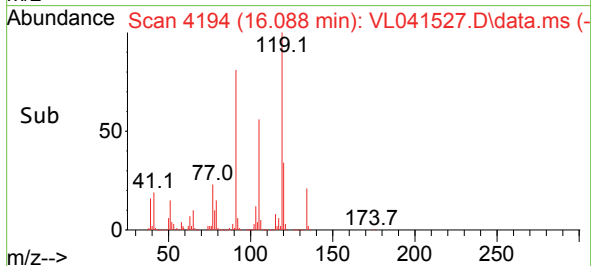
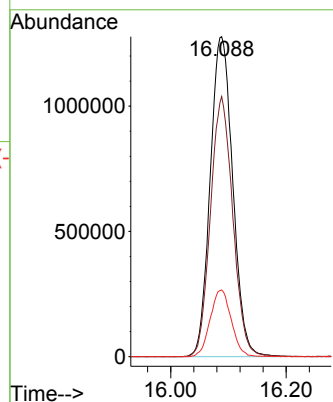
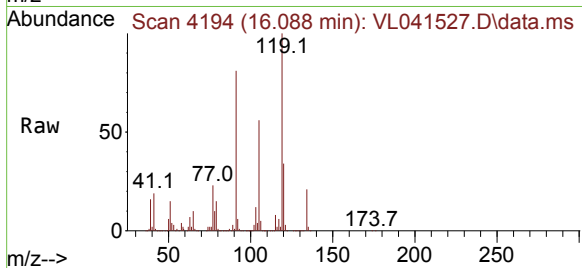
Tgt Ion:119 Resp: 3458283

Ion Ratio Lower Upper

119 100

91 80.5 64.2 96.2

134 19.6 15.7 23.5



#66

Benzyl Chloride

Concen: 10.866 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

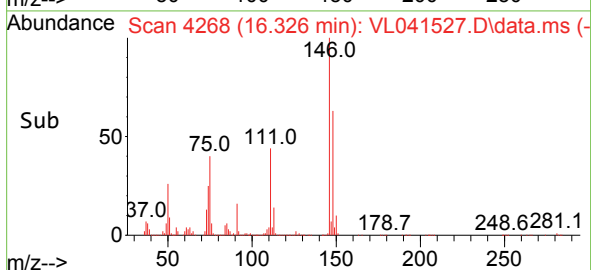
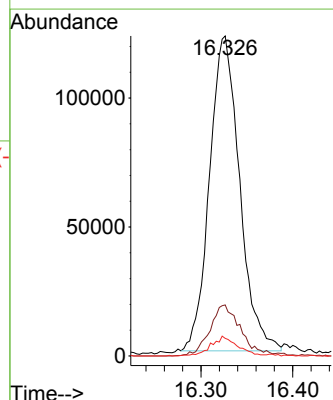
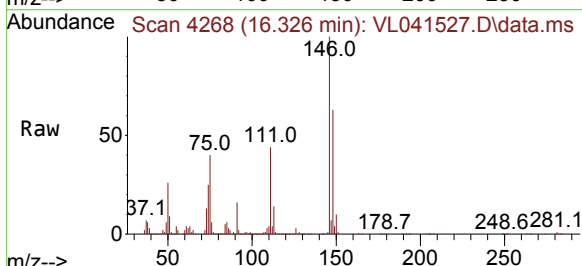
Tgt Ion: 91 Resp: 278383

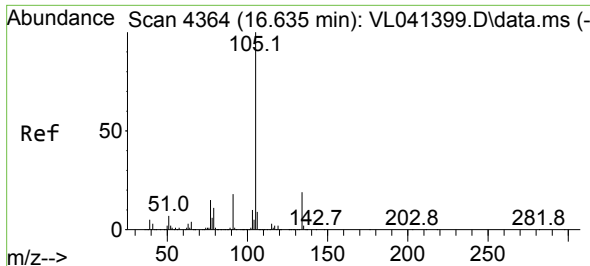
Ion Ratio Lower Upper

91 100

126 17.1 13.8 20.8

128 5.8 4.4 6.6

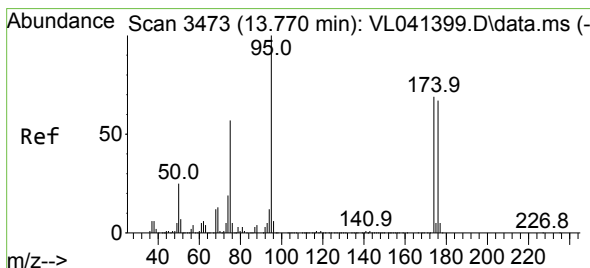
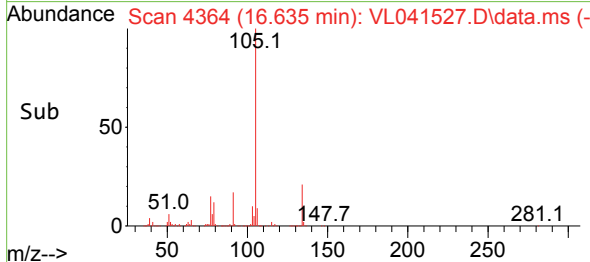
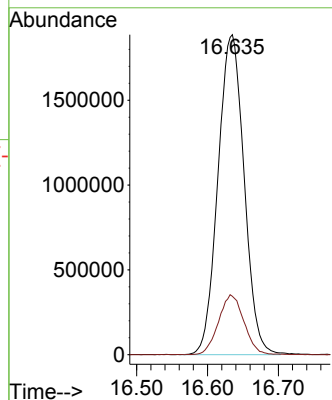
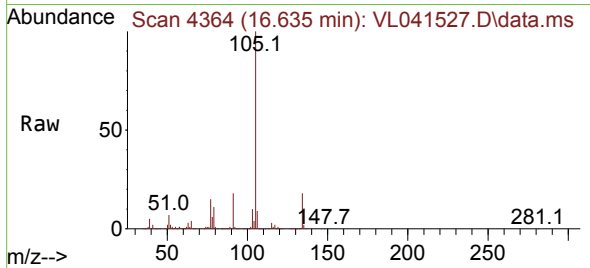




#67
 sec-Butylbenzene
 Concen: 8.784 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

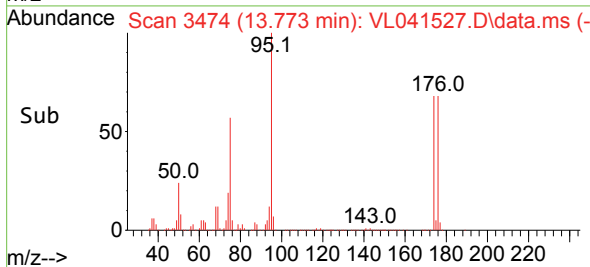
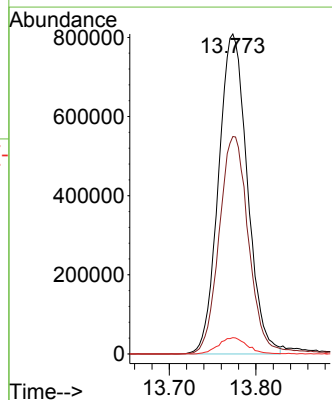
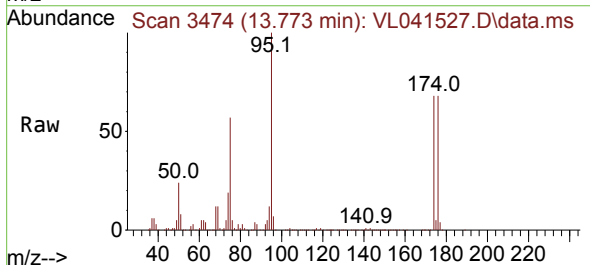
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

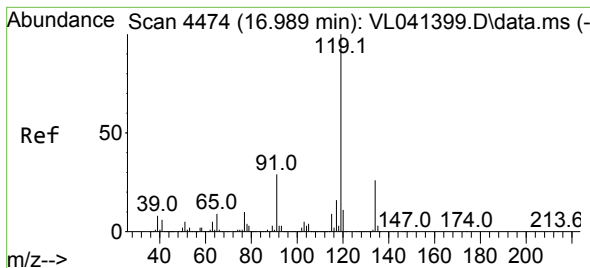
Tgt Ion:105 Resp: 4833640
 Ion Ratio Lower Upper
 105 100
 134 18.3 14.5 21.7



#68
 1-Bromo-4-Fluorobenzene
 Concen: 7.863 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Tgt Ion: 95 Resp: 1870101
 Ion Ratio Lower Upper
 95 100
 174 70.5 56.3 84.5
 175 5.2 4.0 6.0

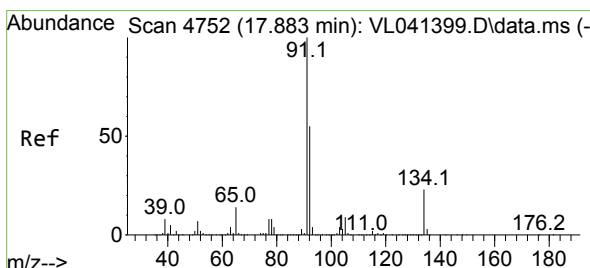
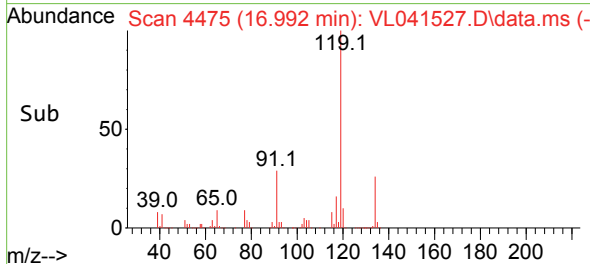
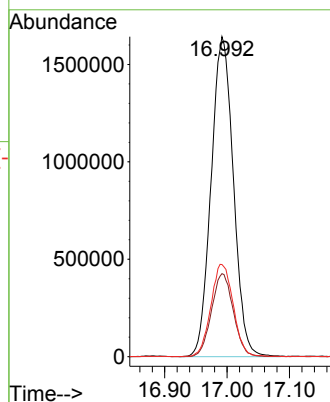
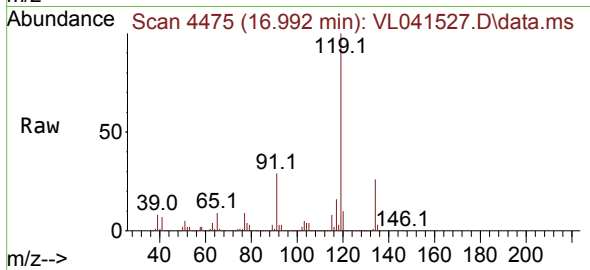




#69
p-Isopropyltoluene
Concen: 8.911 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

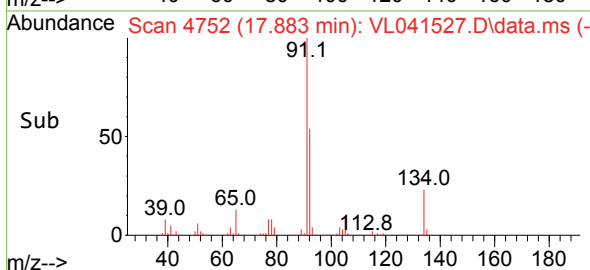
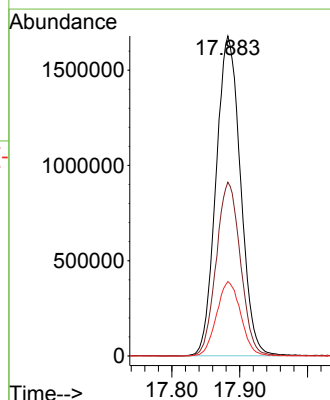
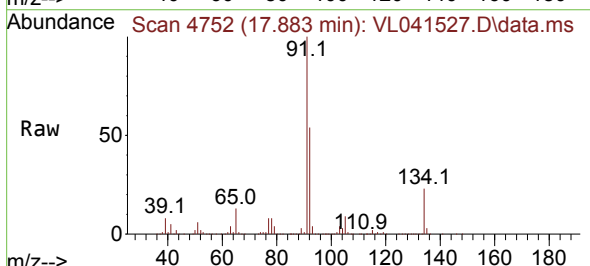
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

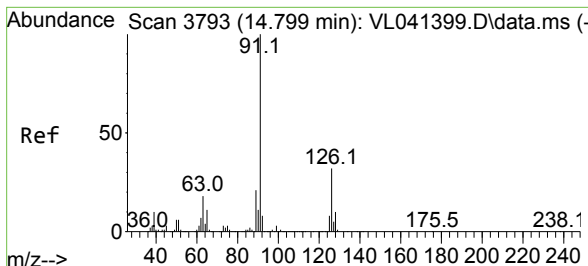
Tgt Ion:119 Resp: 4069168
Ion Ratio Lower Upper
119 100
134 25.5 20.5 30.7
91 28.9 23.2 34.8



#70
n-Butylbenzene
Concen: 8.989 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 91 Resp: 4208009
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 23.1 18.5 27.7

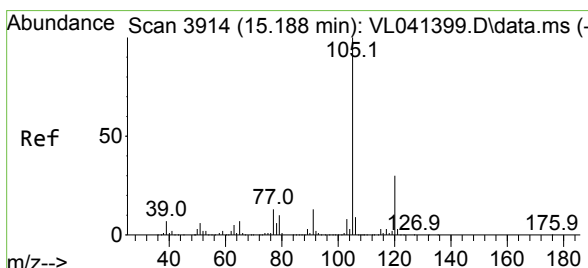
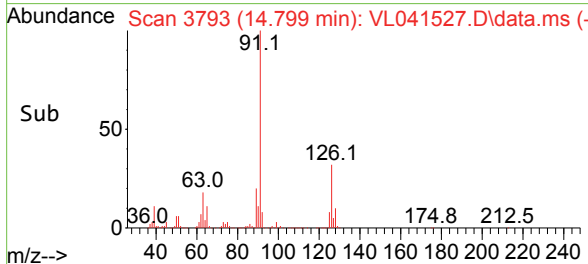
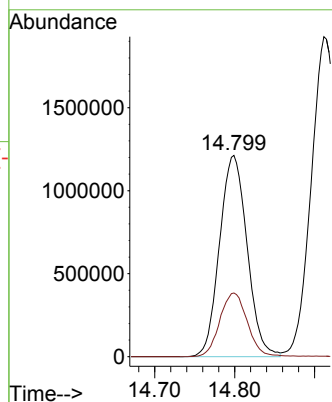
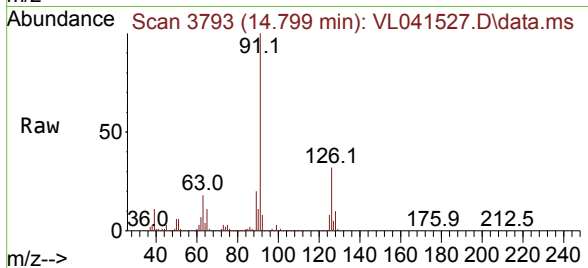




#71
2-Chlorotoluene
Concen: 8.900 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

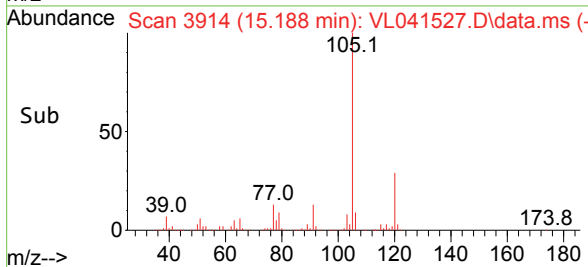
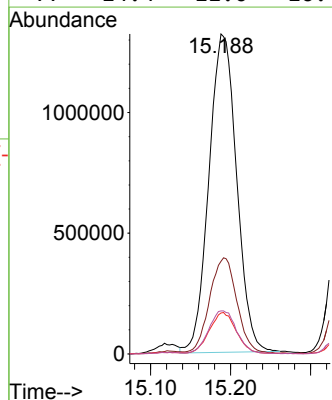
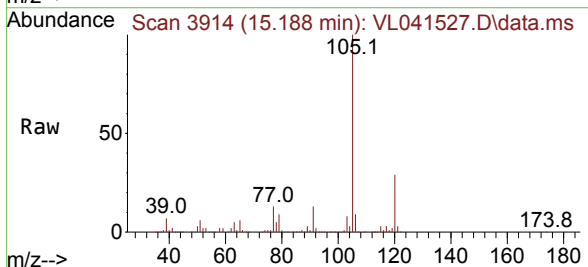
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

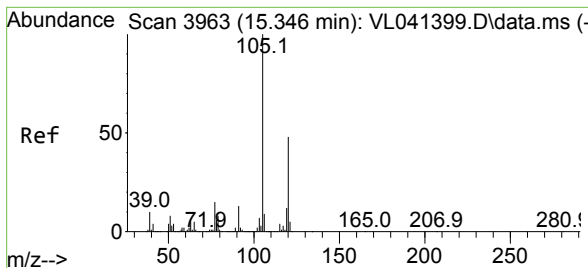
Tgt Ion: 91 Resp: 2902468
Ion Ratio Lower Upper
91 100
126 32.1 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.262 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion: 105 Resp: 3172041
Ion Ratio Lower Upper
105 100
120 31.1 24.2 36.2
91 12.7 10.4 15.6
77 14.4 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.192 ppbv

RT: 15.346 min Scan# 3963

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

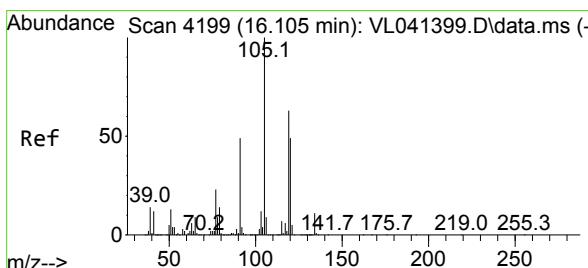
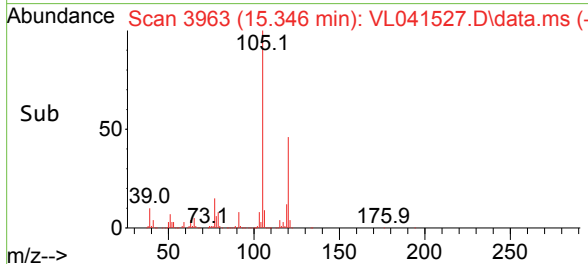
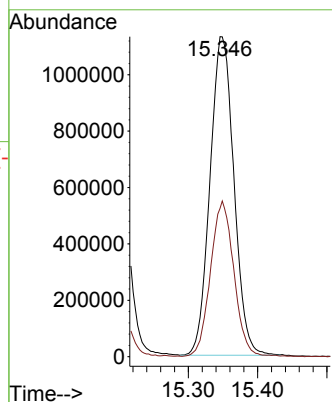
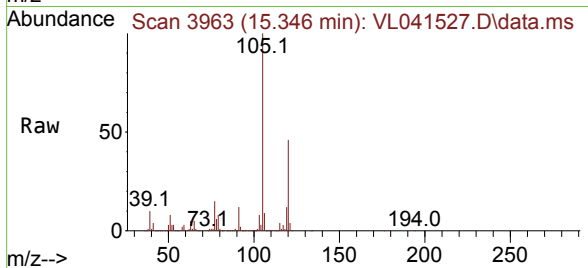
VSTDCCC010

Tgt Ion:105 Resp: 2711766

Ion Ratio Lower Upper

105 100

120 46.4 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.856 ppbv

RT: 16.104 min Scan# 4199

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Tgt Ion:105 Resp: 3037676

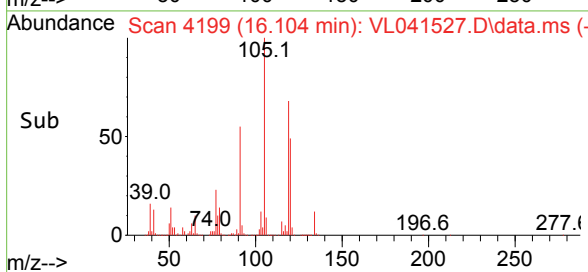
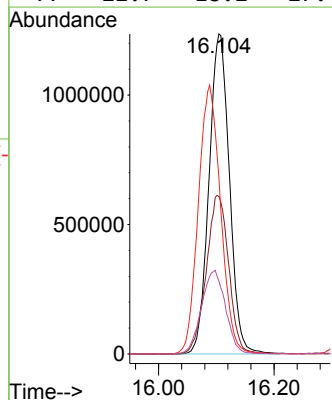
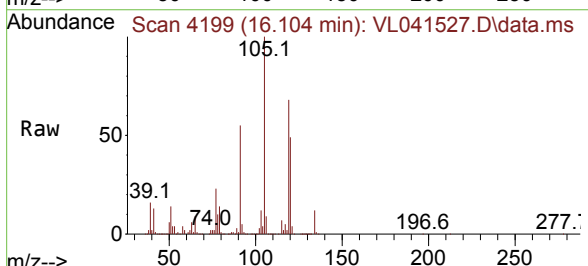
Ion Ratio Lower Upper

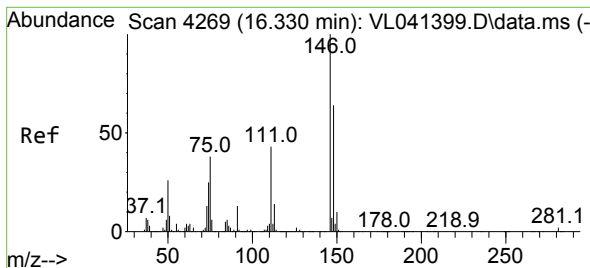
105 100

120 49.1 39.5 59.3

91 54.8 39.8 59.8

77 22.7 18.2 27.4





#75

1,3-Dichlorobenzene

Concen: 8.736 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

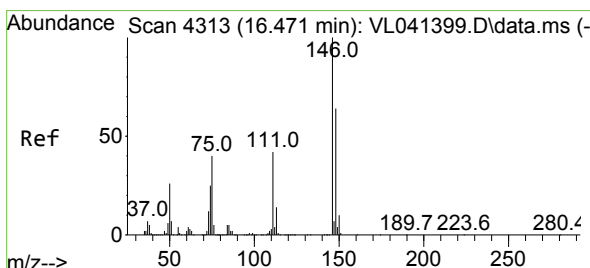
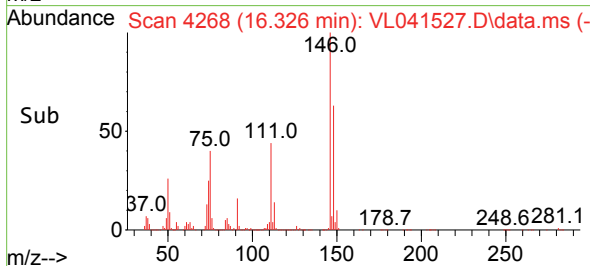
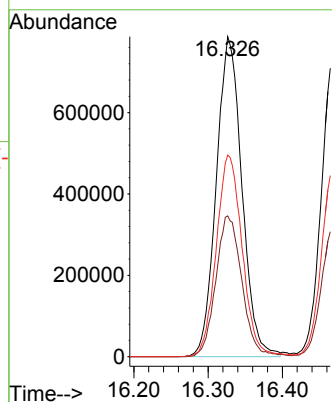
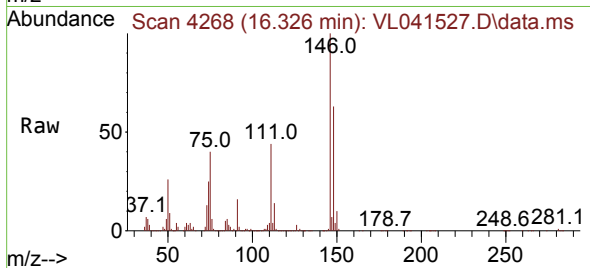
Tgt Ion:146 Resp: 1883631

Ion Ratio Lower Upper

146 100

111 44.8 22.6 67.8

148 63.9 32.3 96.8



#76

1,4-Dichlorobenzene

Concen: 8.791 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

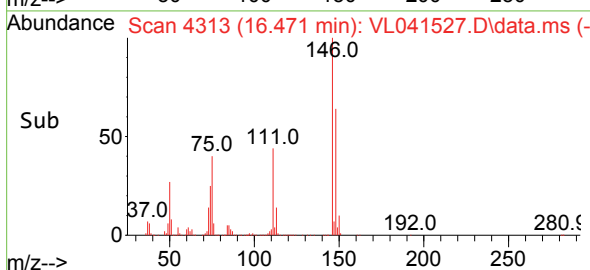
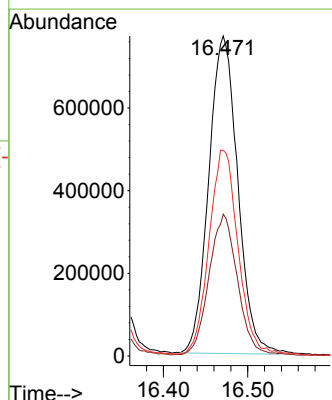
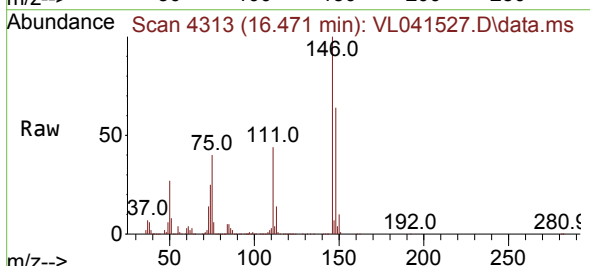
Tgt Ion:146 Resp: 1835391

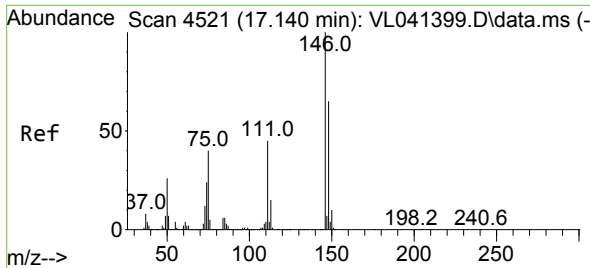
Ion Ratio Lower Upper

146 100

111 44.4 22.4 67.0

148 65.9 33.1 99.5

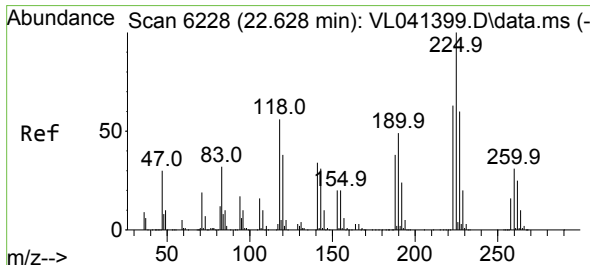
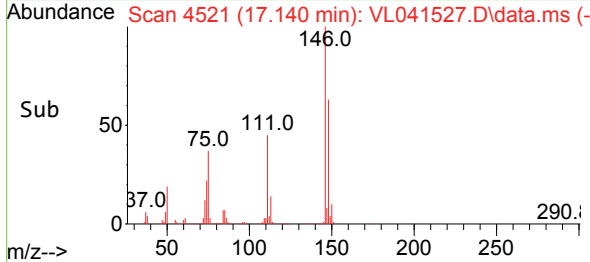
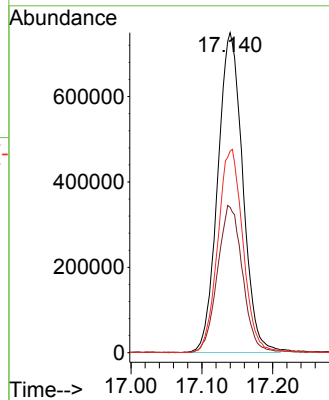
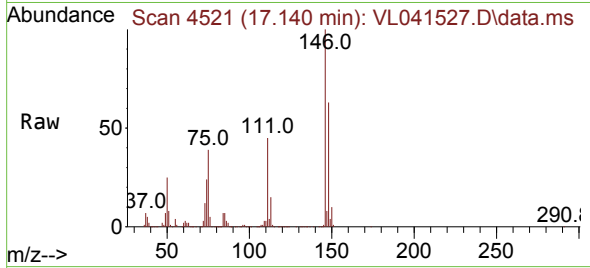




#77
1,2-Dichlorobenzene
Concen: 8.574 ppbv
RT: 17.140 min Scan# 4521
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

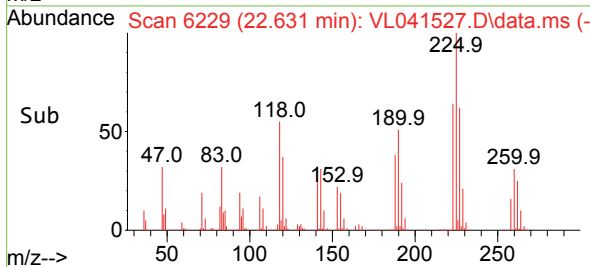
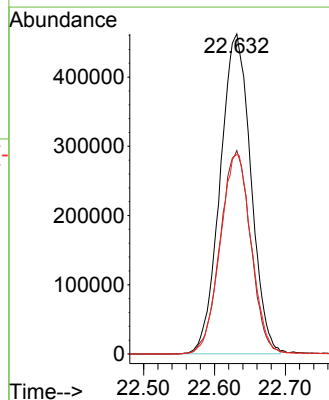
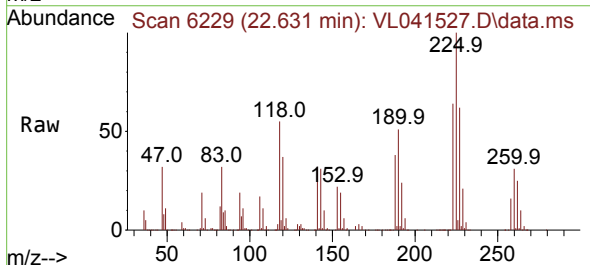
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

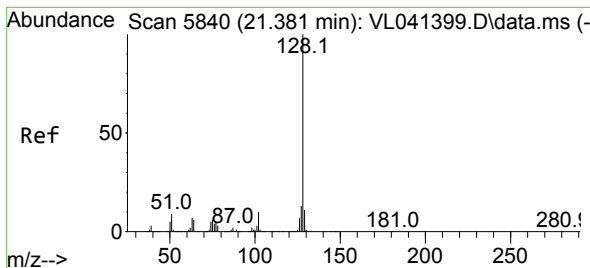
Tgt Ion:146 Resp: 1832533
Ion Ratio Lower Upper
146 100
111 46.4 23.4 70.0
148 64.2 32.2 96.6



#78
Hexachloro-1,3-Butadiene
Concen: 7.629 ppbv
RT: 22.631 min Scan# 6229
Delta R.T. 0.000 min
Lab File: VL041527.D
Acq: 12 Aug 2024 8:46

Tgt Ion:225 Resp: 1390607
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 63.4 50.8 76.2





#79

Naphthalene

Concen: 10.192 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

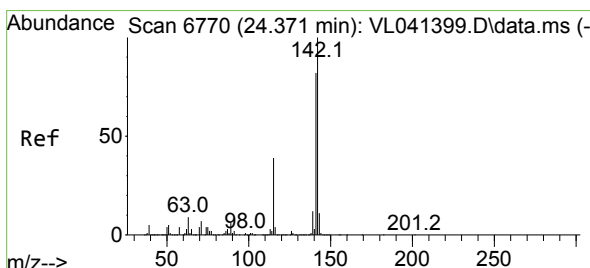
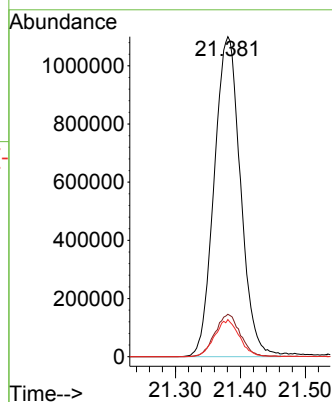
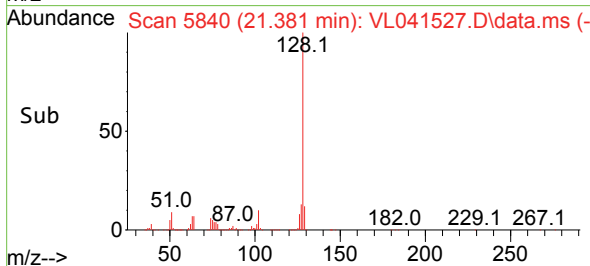
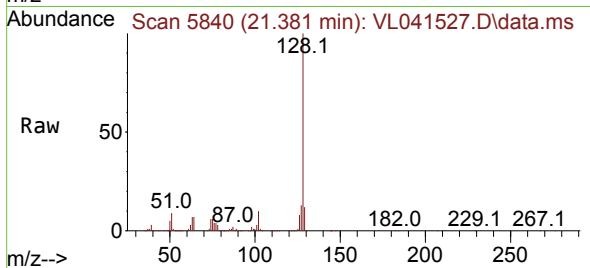
Tgt Ion:128 Resp: 3085623

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.320 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.000 min

Lab File: VL041527.D

Acq: 12 Aug 2024 8:46

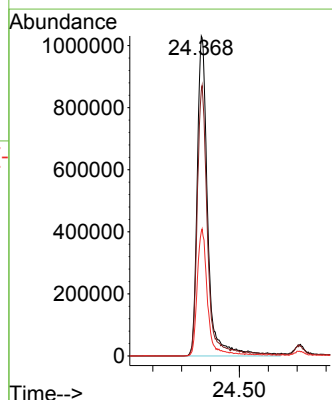
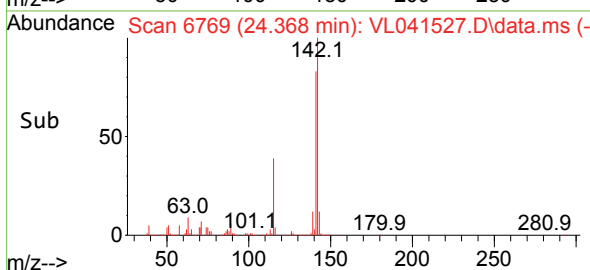
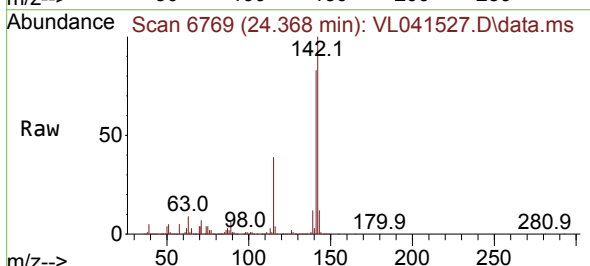
Tgt Ion:142 Resp: 2619024

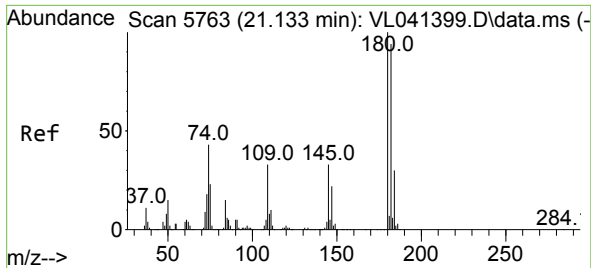
Ion Ratio Lower Upper

142 100

141 83.3 67.0 100.4

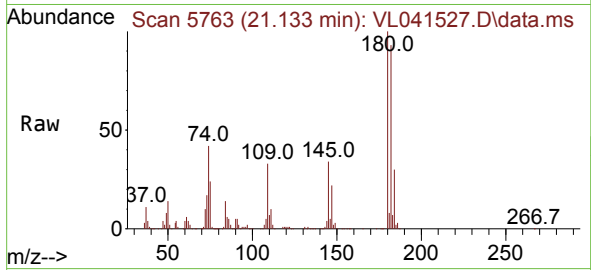
115 39.3 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.025 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041527.D
 Acq: 12 Aug 2024 8:46

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1625845

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
184	31.0	24.5	36.7

