

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041589.D
 Acq On : 22 Aug 2024 16:37
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Quant Time: Aug 23 01:33:46 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	5.195	49	926570	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2445888	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2868650	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1850686	8.383	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	83.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.748	85	1135672	7.125	ppbv	100
3) Chlorodifluoromethane	2.693	51	997111	9.040	ppbv	98
4) Chloromethane	2.832	50	540646	9.215	ppbv	99
5) Vinyl Chloride	2.938	62	530749	9.178	ppbv	96
6) Bromomethane	3.134	94	226564	7.623	ppbv	99
7) Chloroethane	3.211	64	184112	9.225	ppbv	98
8) Dichlorotetrafluoroethane	2.873	85	1266780	8.969	ppbv	98
9) Propene	2.713	41	448290	8.847	ppbv	99
10) Heptane	7.574	43	1112359	9.770	ppbv	99
11) Trichlorofluoromethane	3.571	101	1252649	8.849	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	904063	8.869	ppbv	99
13) Ethanol	3.253	45	30838	6.809	ppbv	85
14) Bromoethene	3.378	108	355174	8.937	ppbv	97
15) Acetone	3.478	43	928317	8.818	ppbv	99
16) 1,3-Butadiene	3.002	39	515989	9.174	ppbv	99
17) tert-Butyl alcohol	3.886	59	1004284	10.460	ppbv	100
18) 1,1-Dichloroethene	3.889	96	404195	9.269	ppbv	97
19) Isopropyl Alcohol	3.587	45	585434	9.512	ppbv #	98
20) Methylene Chloride	3.941	84	337371	8.594	ppbv	97
21) Allyl Chloride	4.005	41	612658	8.874	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	391034	8.969	ppbv	97
23) Vinyl Acetate	4.629	43	659106	8.197	ppbv #	97
24) 1,1-Dichloroethane	4.568	63	869793	9.188	ppbv	100
25) Ethyl Acetate	5.205	43	1996557	9.546	ppbv	100
26) Hexane	5.214	57	822742	9.483	ppbv	97
27) Carbon Disulfide	4.131	76	927543	9.138	ppbv	99
28) Methyl tert-Butyl Ether	4.590	73	497219	9.087	ppbv	99
29) Chloroform	5.275	83	1273995	9.003	ppbv	97
30) Cyclohexane	6.597	84	680092	9.626	ppbv	96
31) cis-1,2-Dichloroethene	5.082	61	789017	9.206	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1243610	9.028	ppbv	100
34) 2-Butanone	4.790	43	1188515	10.045	ppbv	98
35) Carbon Tetrachloride	6.491	117	1312342	9.728	ppbv	98
36) Benzene	6.368	78	1757748	9.835	ppbv	99
37) 1,2-Dichloroethane	5.806	62	969873	9.696	ppbv	99
38) Trichloroethene	7.288	130	846367	10.337	ppbv	98
39) 1,2-Dichloropropane	7.069	63	682748	9.978	ppbv	99
40) 1,4-Dioxane	7.278	88	158421	5.764	ppbv #	1
41) Tetrahydrofuran	5.558	42	706495	10.440	ppbv	98
42) Bromodichloromethane	7.243	83	1398254	9.681	ppbv	99
43) Methyl Methacrylate	7.468	69	686835	10.717	ppbv	98
44) 2,2,4-Trimethylpentane	7.320	57	3007382	10.075	ppbv	100
45) t-1,3-Dichloropropene	8.700	75	557009	9.443	ppbv	97

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Quant Time: Aug 23 01:33:46 2024
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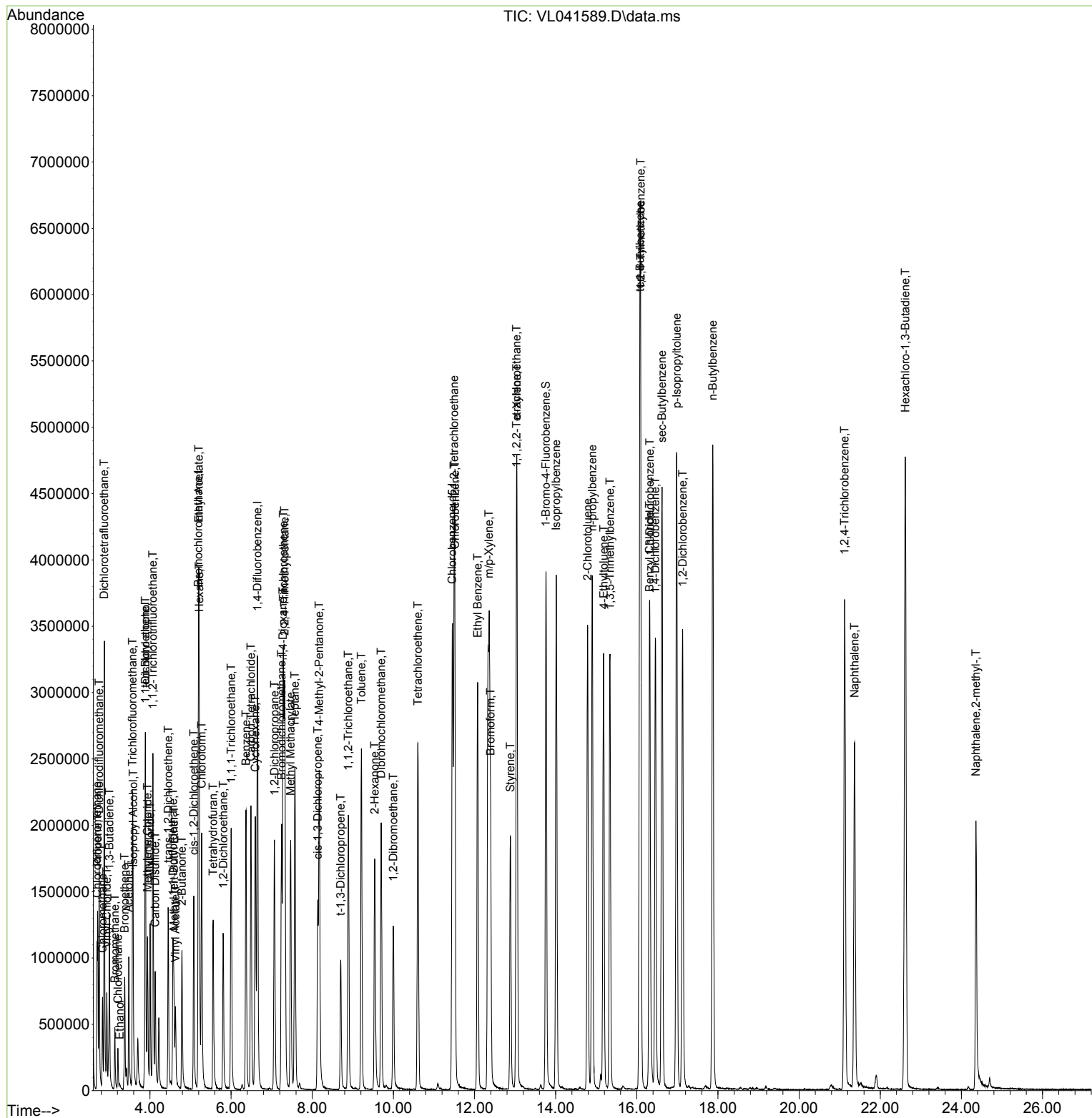
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	773479	9.080	ppbv	94
47) 1,1,2-Trichloroethane	8.889	97	741553	9.832	ppbv	97
48) Dibromochloromethane	9.700	129	1228287	10.109	ppbv	100
49) Bromoform	12.397	173	1137650	11.084	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	1982075	10.618	ppbv	100
51) 2-Hexanone	9.539	43	1595130	11.301	ppbv #	98
52) Tetrachloroethene	10.600	164	667789	9.670	ppbv	98
53) Toluene	9.211	91	2042791	10.262	ppbv	100
54) 1,2-Dibromoethane	9.999	107	1022248	10.183	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.497	131	919718	8.267	ppbv #	57
57) Chlorobenzene	11.516	112	1653755	8.097	ppbv	98
58) Ethyl Benzene	12.076	91	2827947	8.553	ppbv	100
59) m/p-Xylene	12.355	91	43525	0.152	ppbv #	1
60) o-Xylene	13.043	91	2372242	8.786	ppbv	100
61) Styrene	12.886	104	1149764	9.439	ppbv	99
62) Isopropylbenzene	14.014	105	3510869	8.553	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.034	83	1457884	8.551	ppbv	100
64) n-propylbenzene	14.902	120	958647	8.933	ppbv	96
65) tert-Butylbenzene	16.079	119	3318226	8.950	ppbv	99
66) Benzyl Chloride	16.310	91	213625	8.983	ppbv	99
67) sec-Butylbenzene	16.622	105	4710244	9.221	ppbv	100
69) p-Isopropyltoluene	16.982	119	3971714	9.370	ppbv	99
70) n-Butylbenzene	17.873	91	4271239	9.829	ppbv	100
71) 2-Chlorotoluene	14.786	91	2723204	8.996	ppbv	100
72) 4-Ethyltoluene	15.182	105	2963454	9.323	ppbv	99
73) 1,3,5-Trimethylbenzene	15.339	105	2583010	9.432	ppbv	100
74) 1,2,4-Trimethylbenzene	16.095	105	2949571	9.264	ppbv	97
75) 1,3-Dichlorobenzene	16.317	146	1877791	9.383	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1813964	9.361	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1899169	9.572	ppbv	100
78) Hexachloro-1,3-Butadiene	22.615	225	1492560	8.822	ppbv	100
79) Naphthalene	21.368	128	3291851	11.714	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	1493871	6.342	ppbv	97
81) 1,2,4-Trichlorobenzene	21.123	180	1699381	10.162	ppbv	99

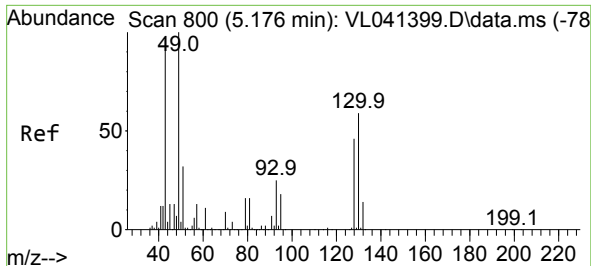
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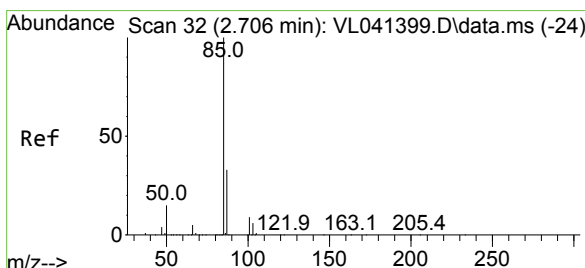
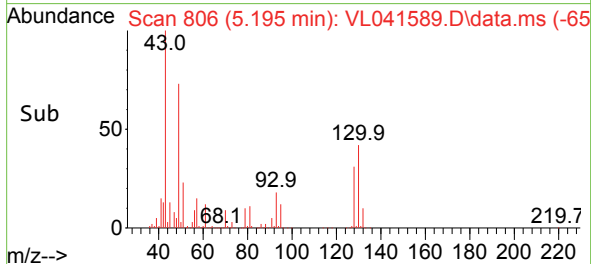
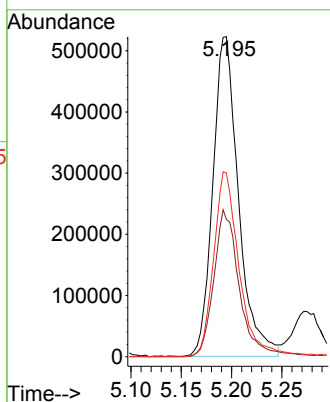
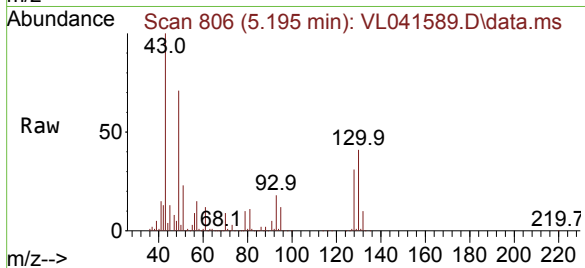




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

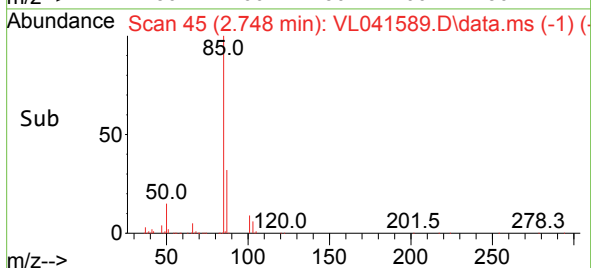
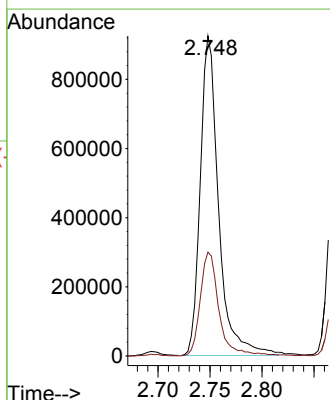
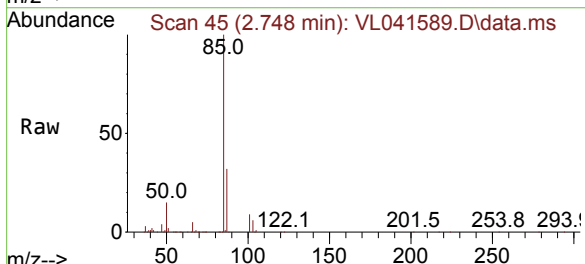
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MSVOA_L
ClientSampleId :
VSTDCCC010EC

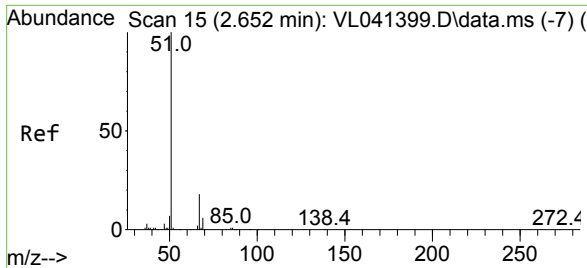
Tgt Ion: 49 Resp: 926570
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.4
130 58.5 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 7.125 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 85 Resp: 1135672
Ion Ratio Lower Upper
85 100
87 32.4 26.0 39.0

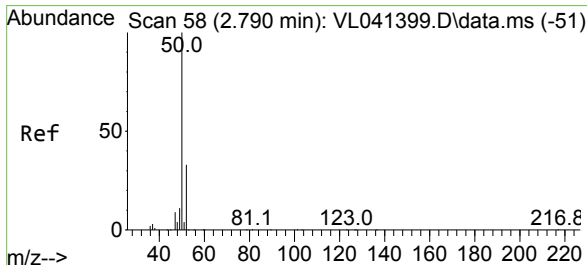
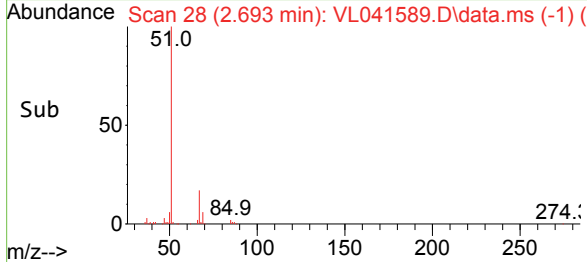
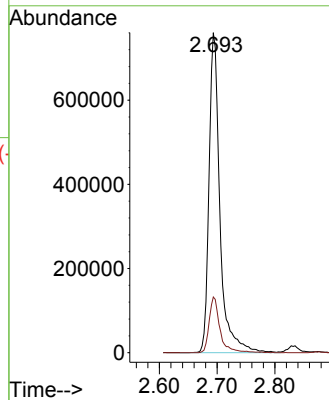
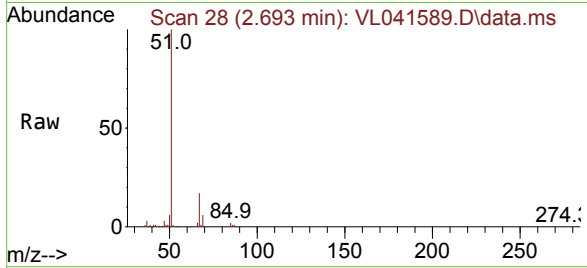




#3
Chlorodifluoromethane
Concen: 9.040 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

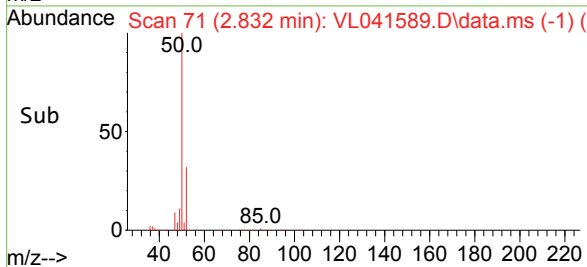
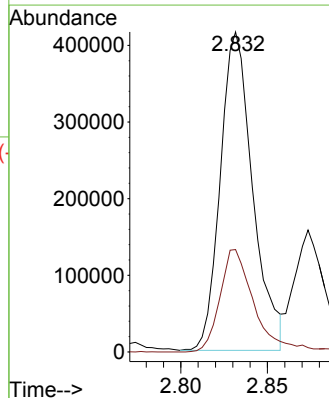
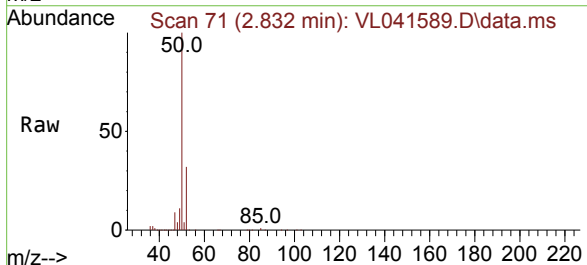
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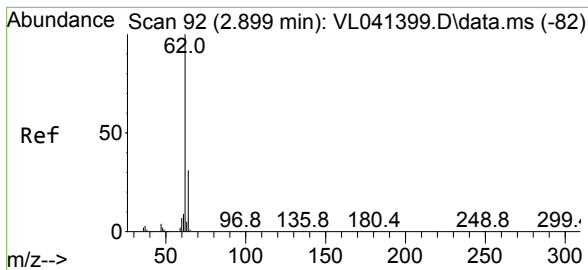
Tgt Ion: 51 Resp: 997111
Ion Ratio Lower Upper
51 100
67 17.4 14.5 21.7



#4
Chloromethane
Concen: 9.215 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 50 Resp: 540646
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

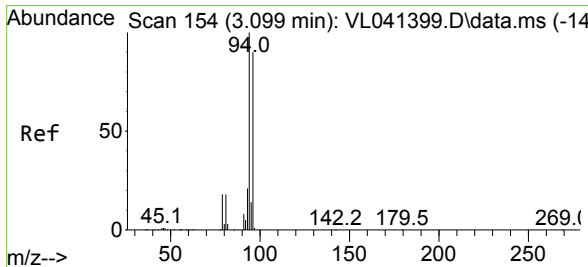
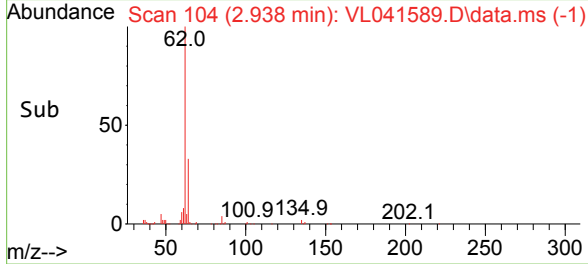
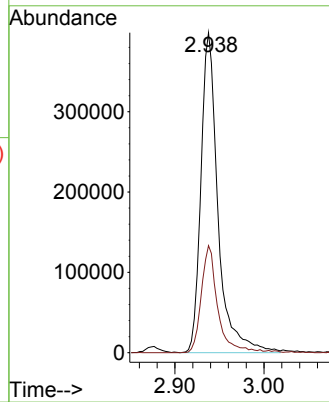
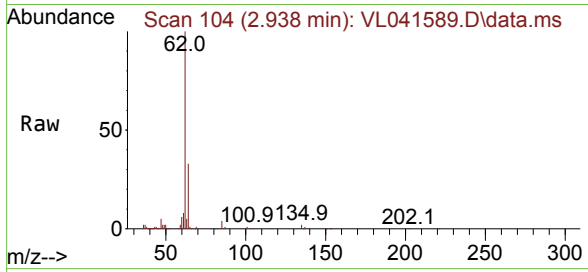




#5
 Vinyl Chloride
 Concen: 9.178 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.006 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

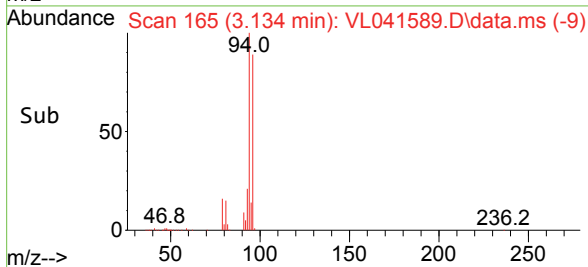
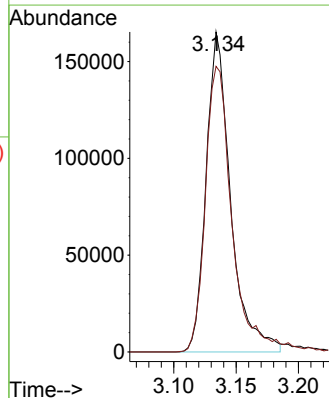
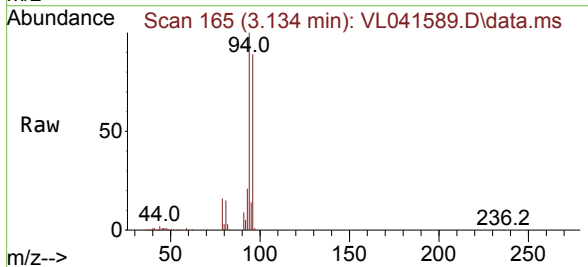
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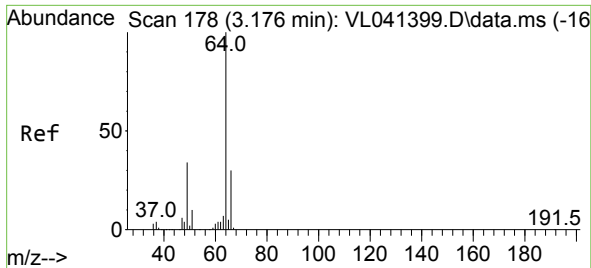
Tgt Ion: 62 Resp: 530749
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.0 37.4



#6
 Bromomethane
 Concen: 7.623 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion: 94 Resp: 226564
 Ion Ratio Lower Upper
 94 100
 96 89.1 72.3 108.5

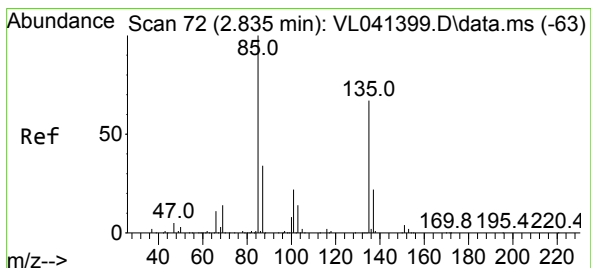
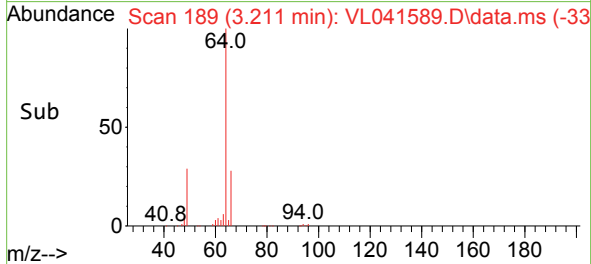
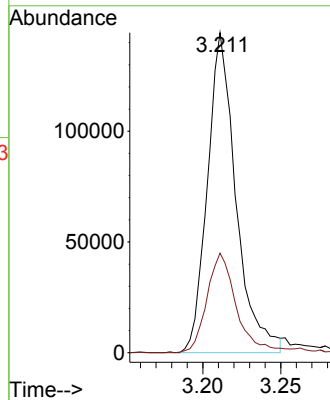
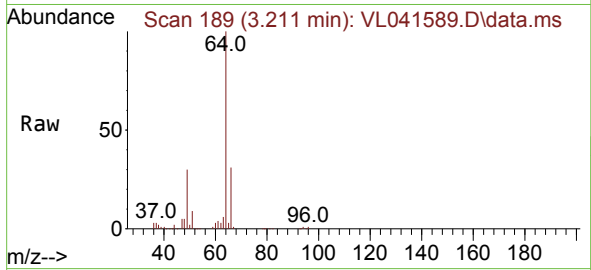




#7
Chloroethane
Concen: 9.225 ppbv
RT: 3.211 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

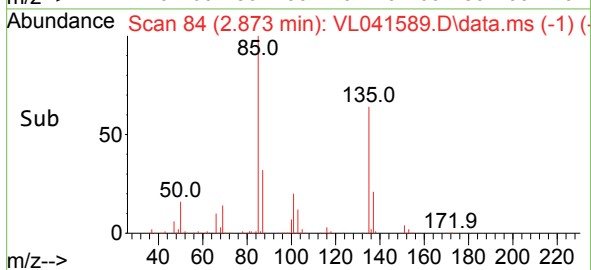
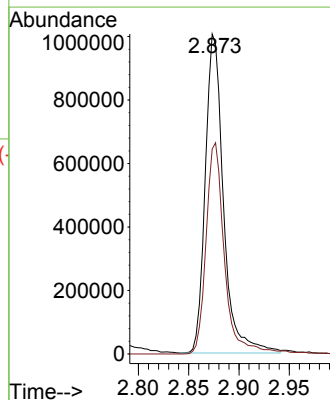
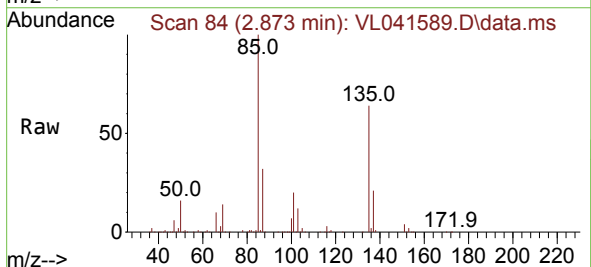
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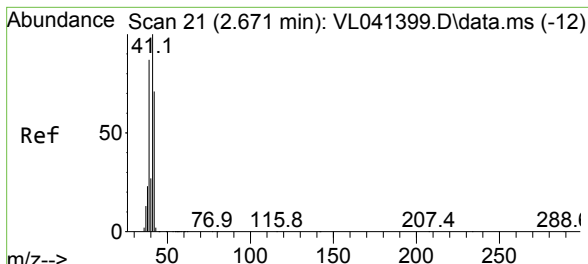
Tgt Ion: 64 Resp: 184112
Ion Ratio Lower Upper
64 100
66 31.1 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 8.969 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.003 min
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Acq: 22 Aug 2024 16:37

Tgt Ion: 85 Resp: 1266780
Ion Ratio Lower Upper
85 100
135 67.6 55.4 83.0

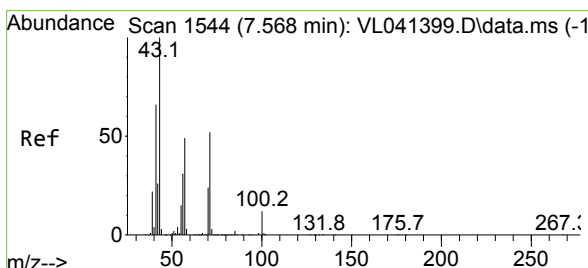
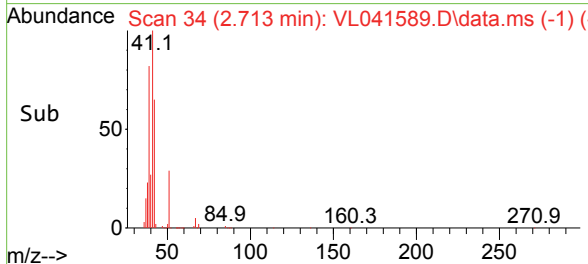
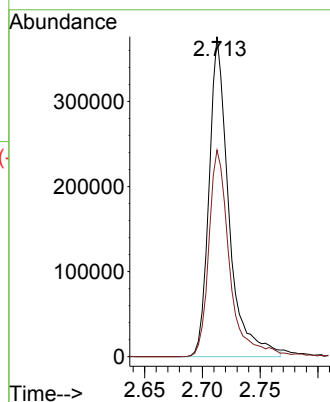
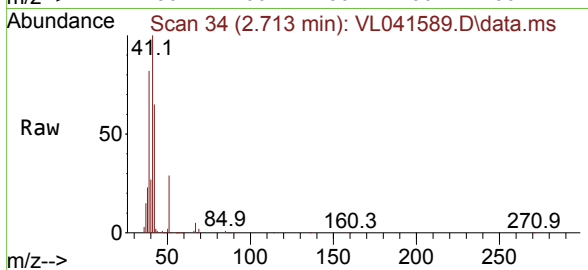




#9
 Propene
 Concen: 8.847 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

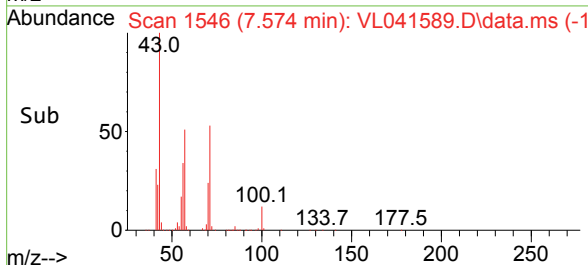
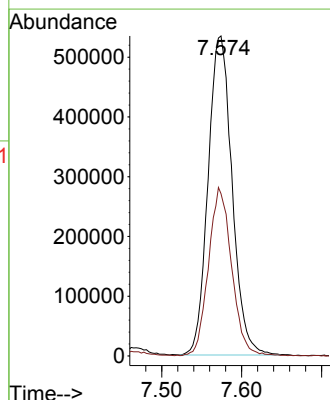
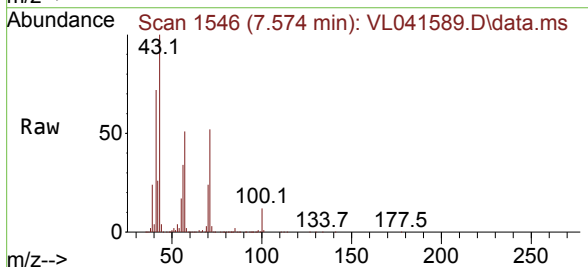
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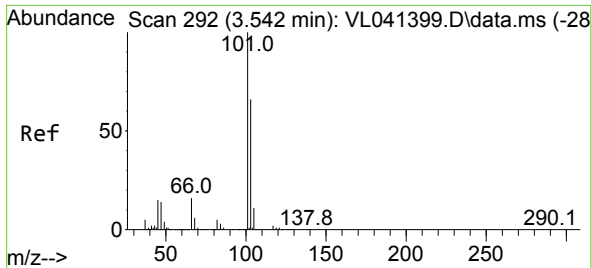
Tgt Ion: 41 Resp: 448290
 Ion Ratio Lower Upper
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 42 68.9 55.9 83.9



#10
 Heptane
 Concen: 9.770 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.000 min
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Tgt Ion: 43 Resp: 1112359
 Ion Ratio Lower Upper
 43 100
 57 51.2 40.5 60.7

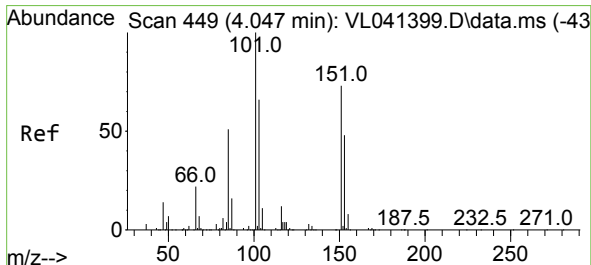
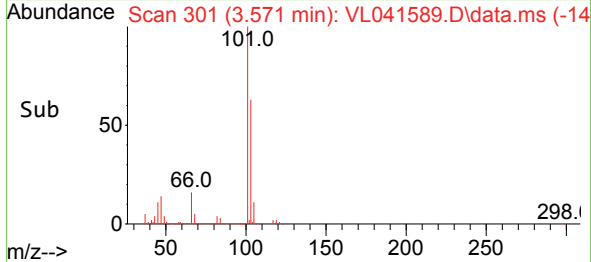
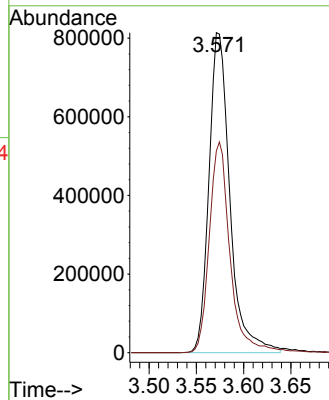
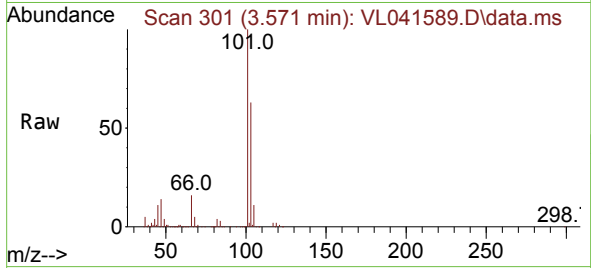




#11
 Trichlorofluoromethane
 Concen: 8.849 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

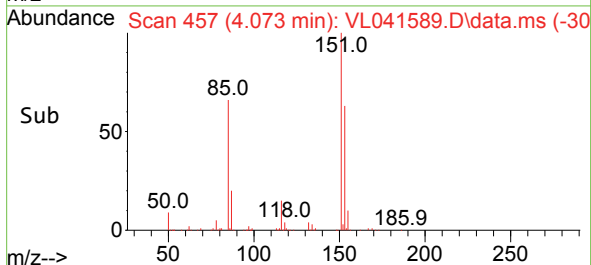
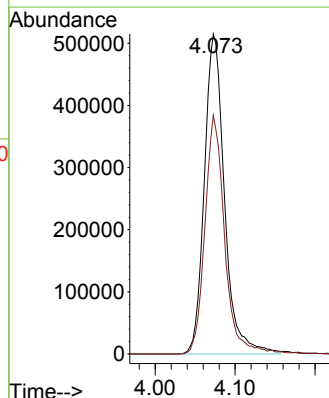
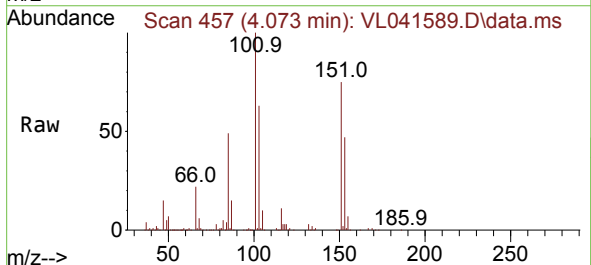
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

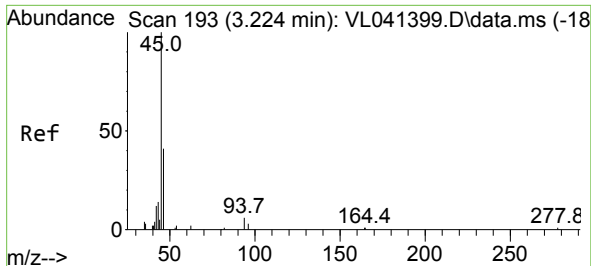
Tgt Ion:101 Resp: 1252649
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.869 ppbv
 RT: 4.073 min Scan# 457
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion:101 Resp: 904063
 Ion Ratio Lower Upper
 101 100
 151 73.2 59.4 89.2

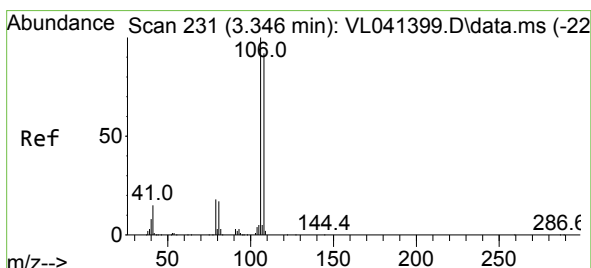
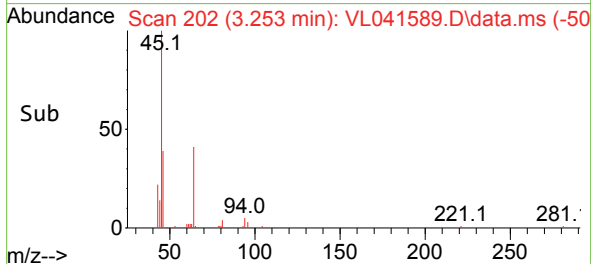
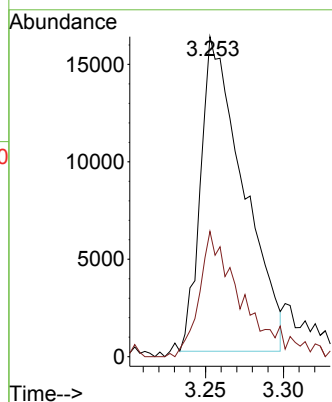
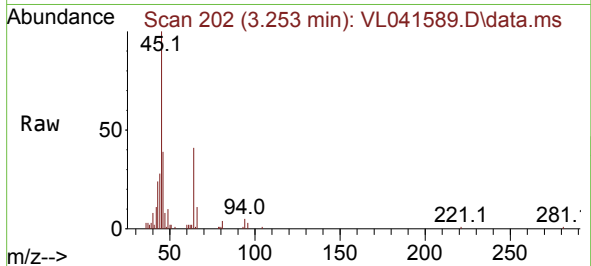




#13
Ethanol
Concen: 6.809 ppbv
RT: 3.253 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

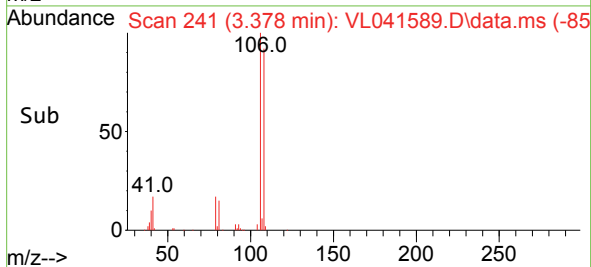
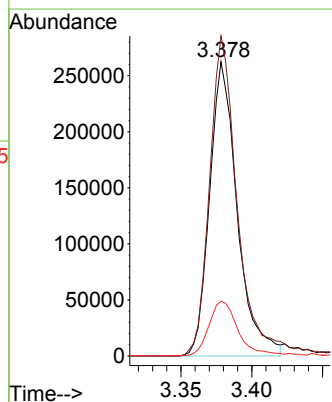
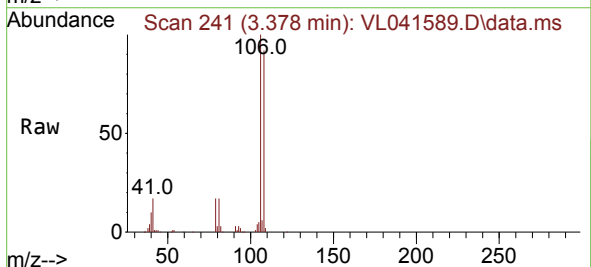
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

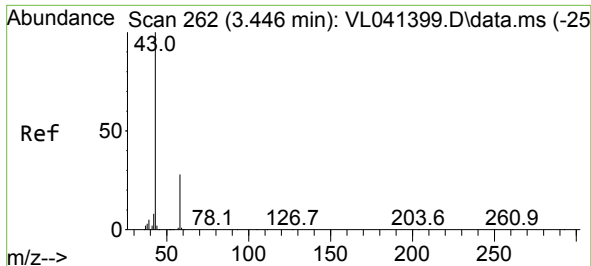
Tgt Ion: 45 Resp: 30838
Ion Ratio Lower Upper
45 100
46 41.8 13.4 53.4



#14
Bromoethene
Concen: 8.937 ppbv
RT: 3.378 min Scan# 241
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:108 Resp: 355174
Ion Ratio Lower Upper
108 100
106 112.3 86.9 130.3
79 20.9 16.2 24.4

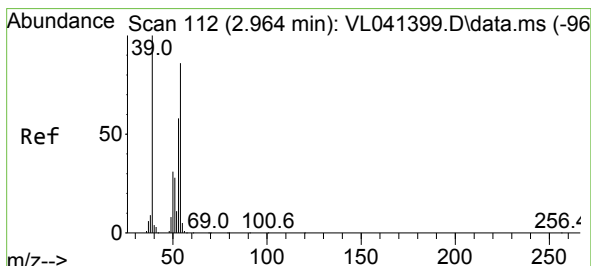
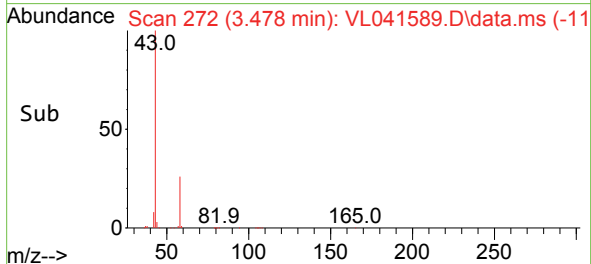
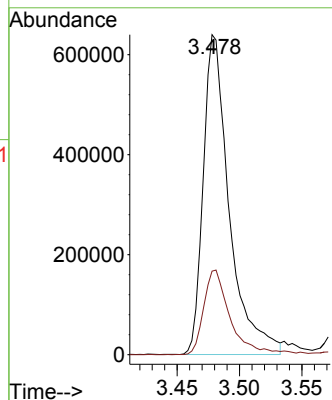
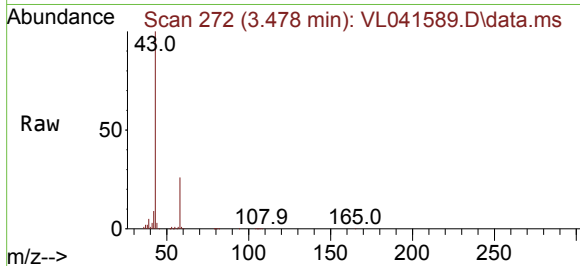




#15
Acetone
Concen: 8.818 ppbv
RT: 3.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

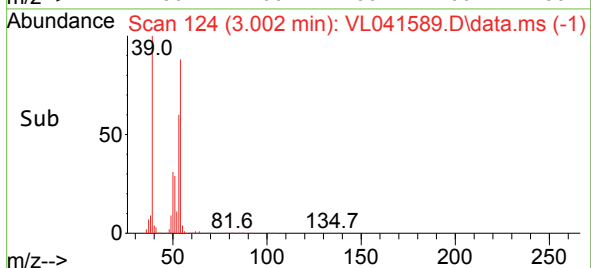
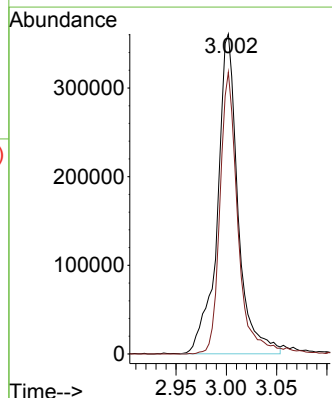
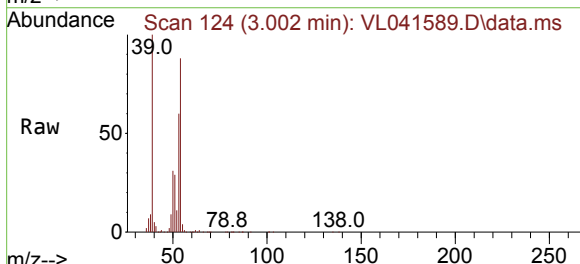
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

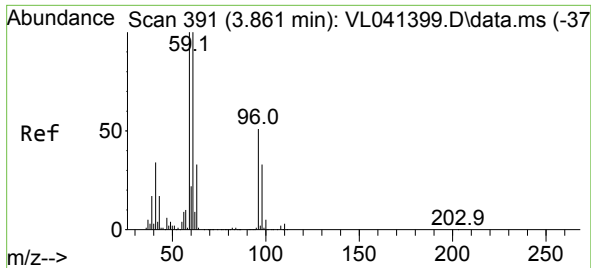
Tgt Ion: 43 Resp: 928317
Ion Ratio Lower Upper
43 100
58 27.3 21.4 32.2



#16
1,3-Butadiene
Concen: 9.174 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.006 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 39 Resp: 515989
Ion Ratio Lower Upper
39 100
54 77.3 62.5 93.7





#17

tert-Butyl alcohol

Concen: 10.460 ppbv

RT: 3.886 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

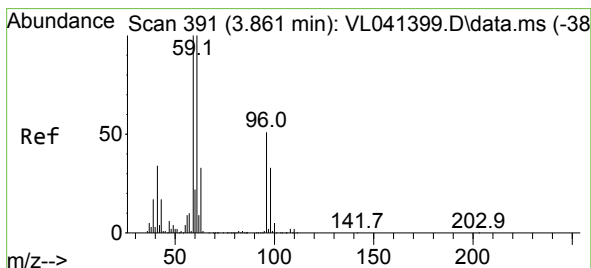
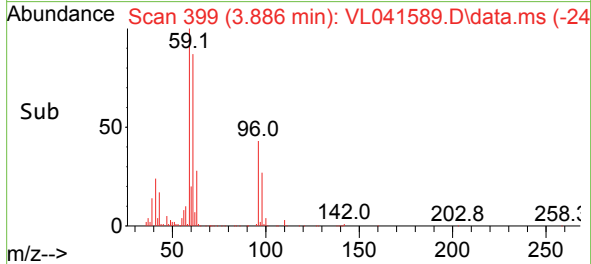
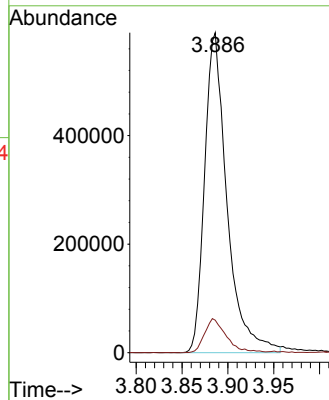
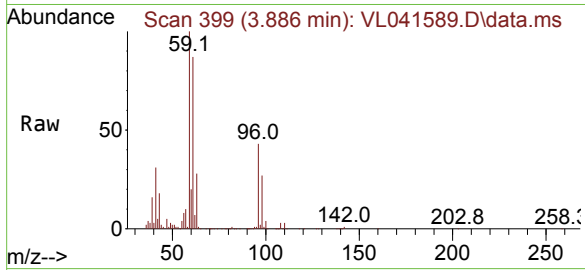
VSTDCCC010EC

Tgt Ion: 59 Resp: 1004284

Ion Ratio Lower Upper

59 100

57 10.6 8.6 12.8



#18

1,1-Dichloroethene

Concen: 9.269 ppbv

RT: 3.889 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

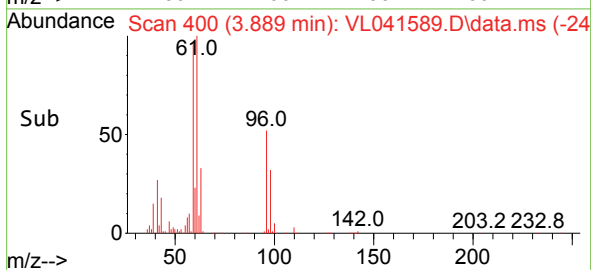
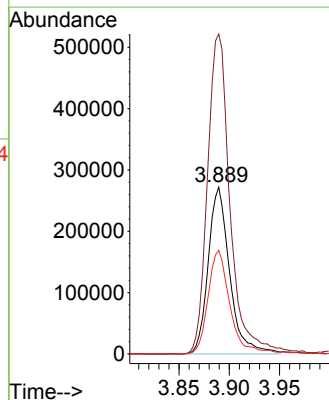
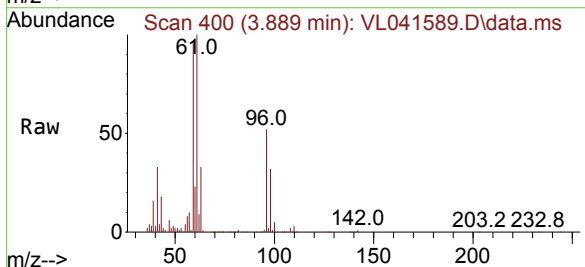
Tgt Ion: 96 Resp: 404195

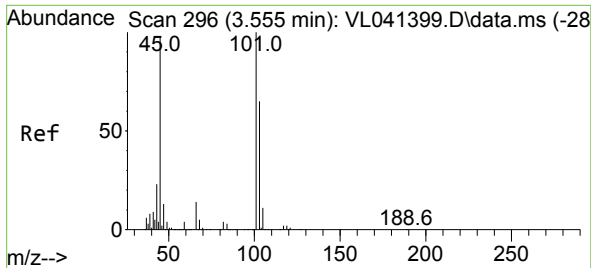
Ion Ratio Lower Upper

96 100

61 191.9 157.5 236.3

98 62.2 51.2 76.8

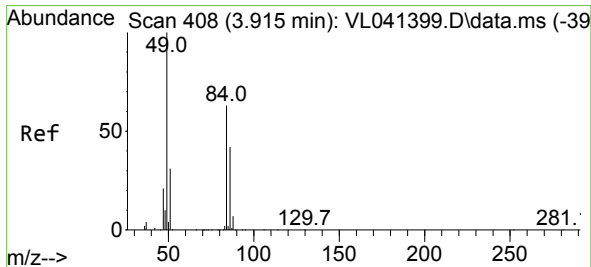
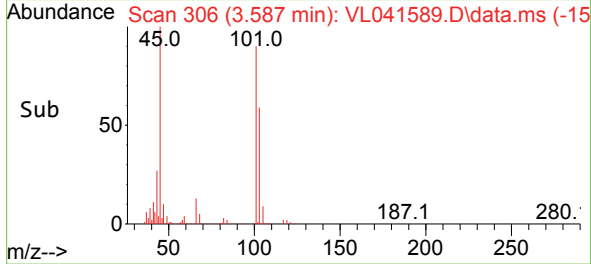
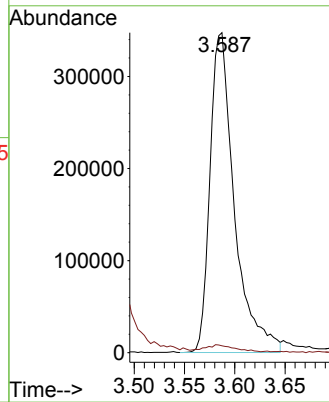
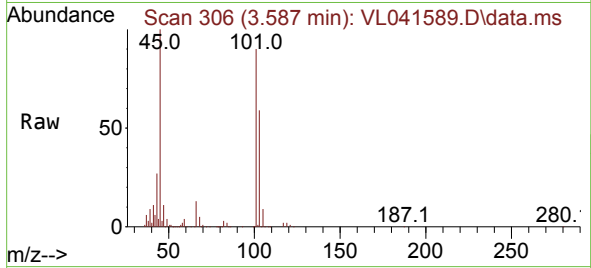




#19
Isopropyl Alcohol
Concen: 9.512 ppbv
RT: 3.587 min Scan# 306
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

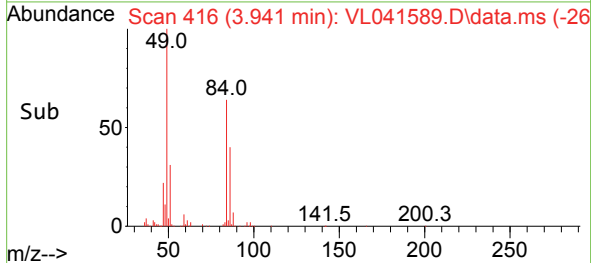
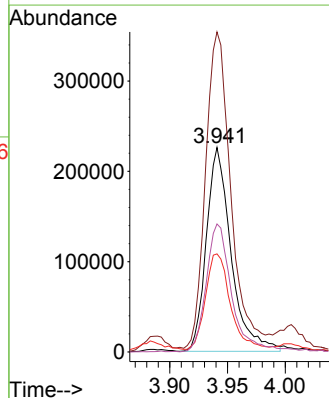
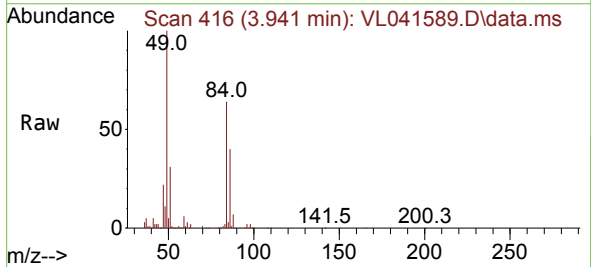
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

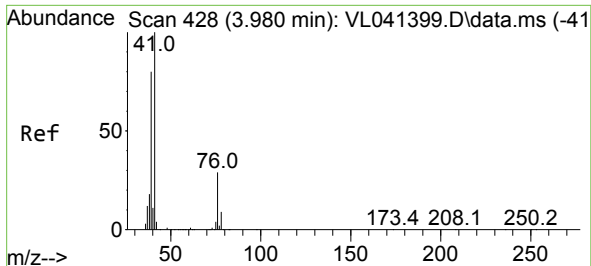
Tgt Ion: 45 Resp: 585434
Ion Ratio Lower Upper
45 100
58 3.1 1.9 2.9#



#20
Methylene Chloride
Concen: 8.594 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 84 Resp: 337371
Ion Ratio Lower Upper
84 100
49 154.7 126.6 190.0
51 46.6 38.6 58.0
86 62.7 53.0 79.4

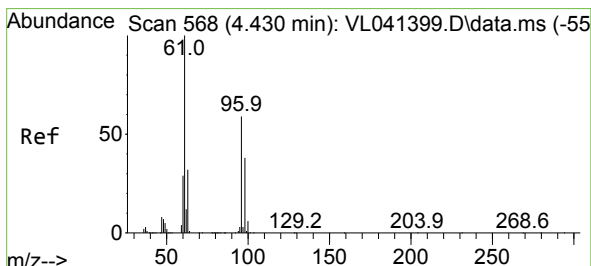
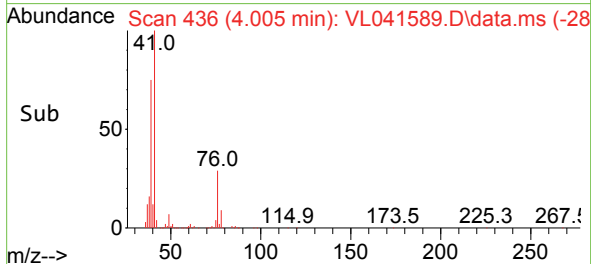
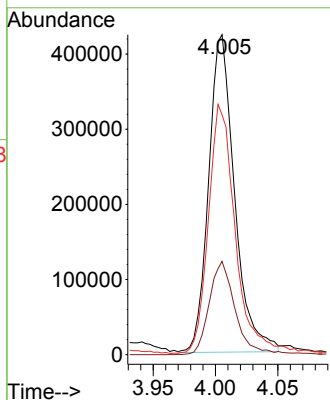
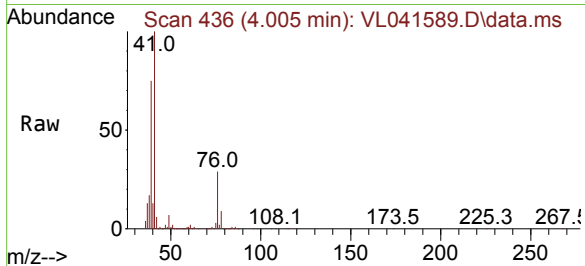




#21
 Allyl Chloride
 Concen: 8.874 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

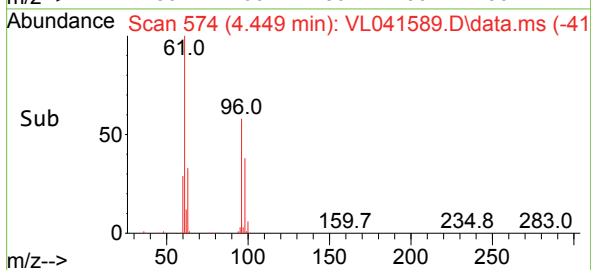
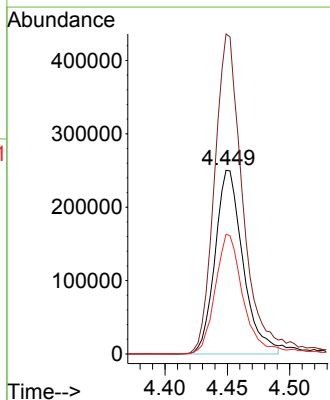
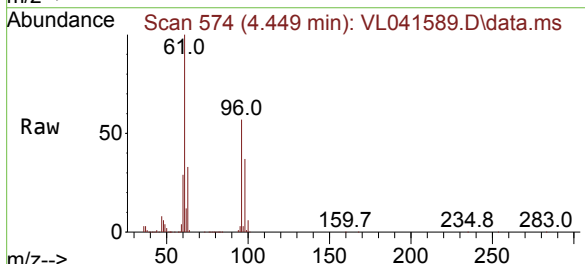
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

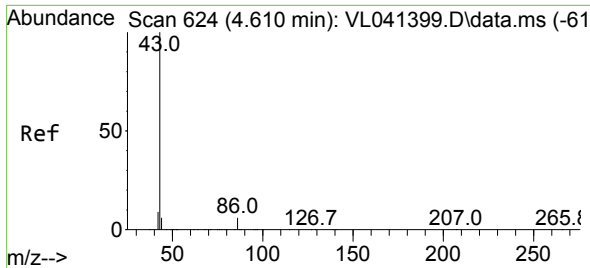
Tgt Ion: 41 Resp: 612658
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.7 35.5
 39 82.0 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 8.969 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion: 96 Resp: 391034
 Ion Ratio Lower Upper
 96 100
 61 174.1 135.4 203.2
 98 65.1 51.0 76.4

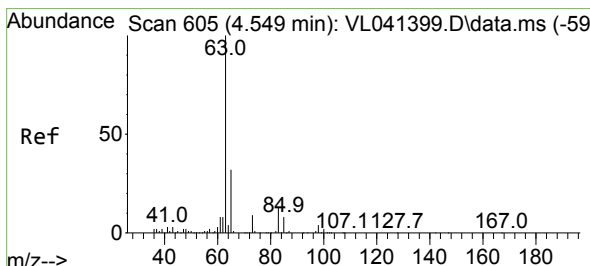
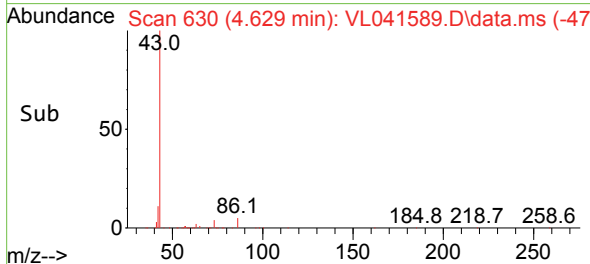
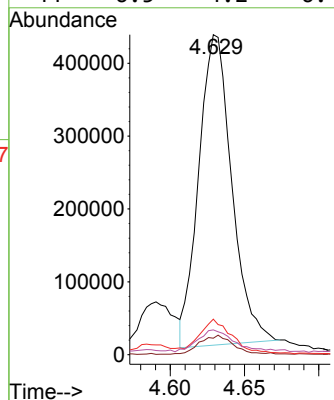
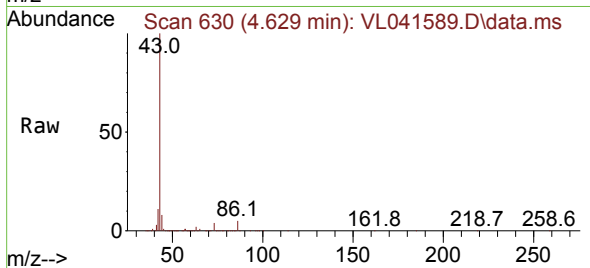




#23
 Vinyl Acetate
 Concen: 8.197 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

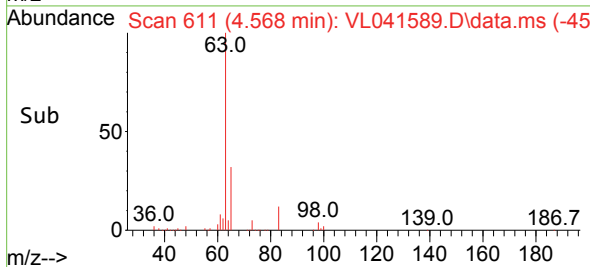
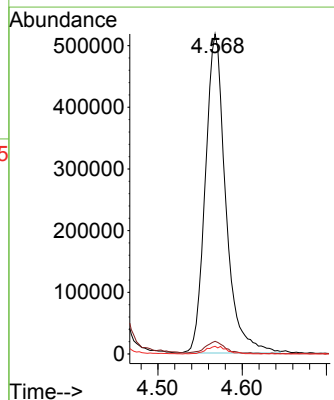
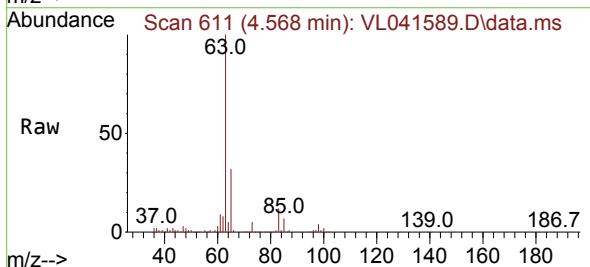
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

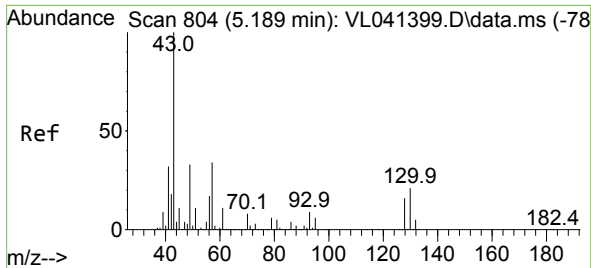
Tgt Ion:	43	Resp:	659106
Ion	Ratio	Lower	Upper
43	100		
86	5.1	4.6	6.8
42	11.0	7.9	11.9
44	6.5	4.2	6.4



#24
 1,1-Dichloroethane
 Concen: 9.188 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion:	63	Resp:	869793
Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.0	6.0
100	2.4	1.2	3.6



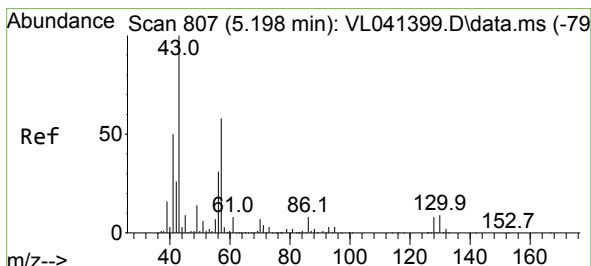
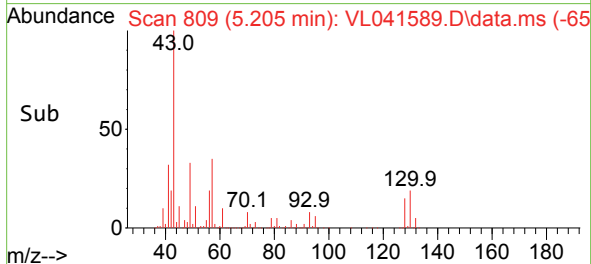
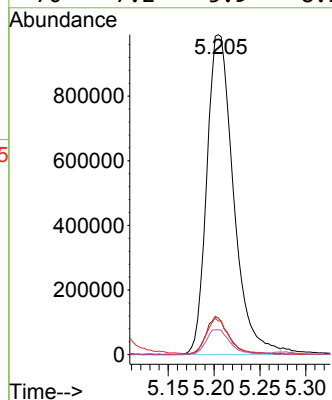
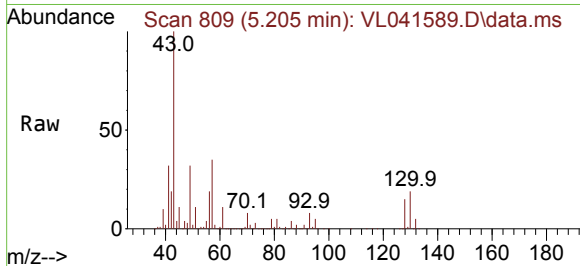


#25
Ethyl Acetate
Concen: 9.546 ppbv
RT: 5.205 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1996557

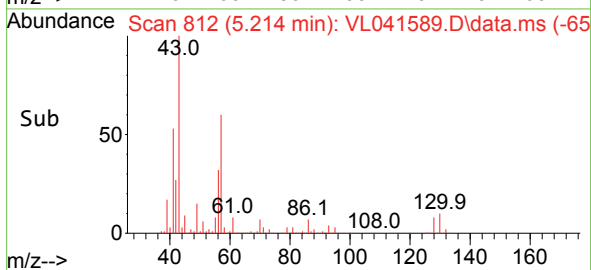
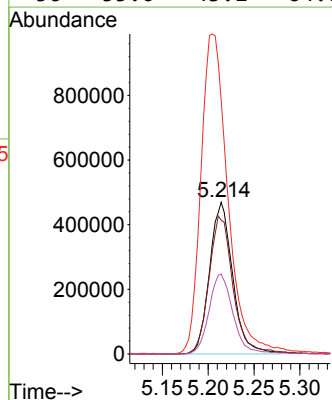
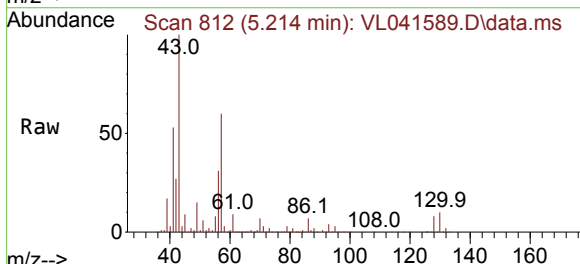
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	10.1	8.0	12.0
70	7.2	5.9	8.9

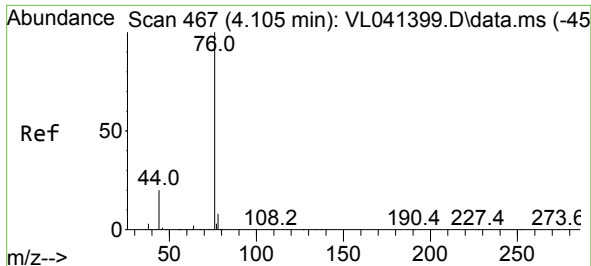


#26
Hexane
Concen: 9.483 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 57 Resp: 822742

Ion	Ratio	Lower	Upper
57	100		
41	95.3	74.0	111.0
43	246.9	193.6	290.4
56	55.0	43.1	64.7

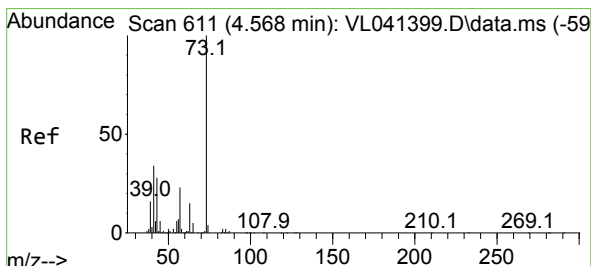
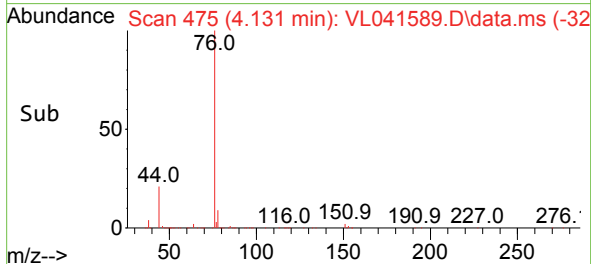
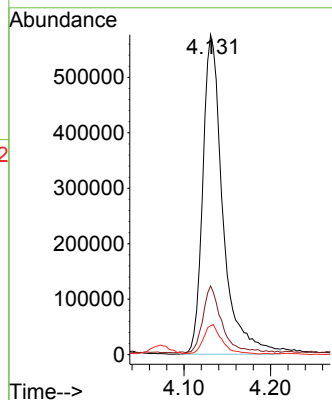
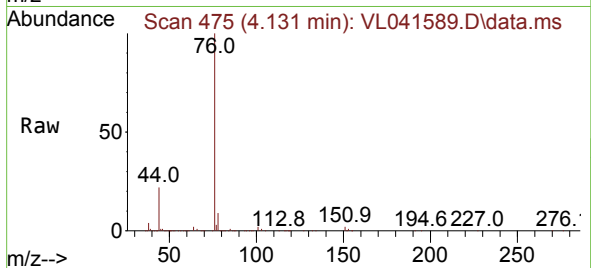




#27
Carbon Disulfide
Concen: 9.138 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

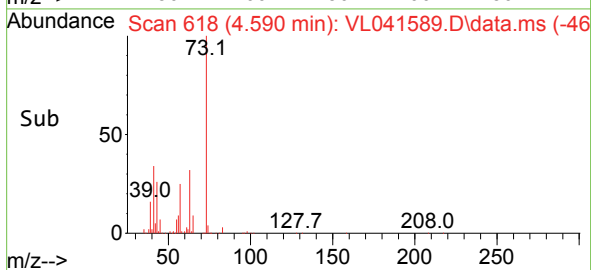
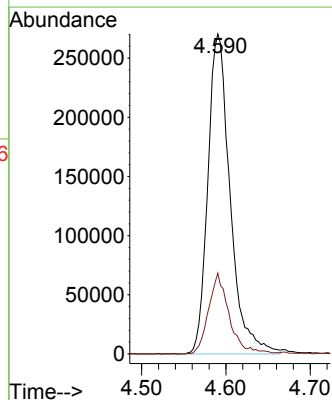
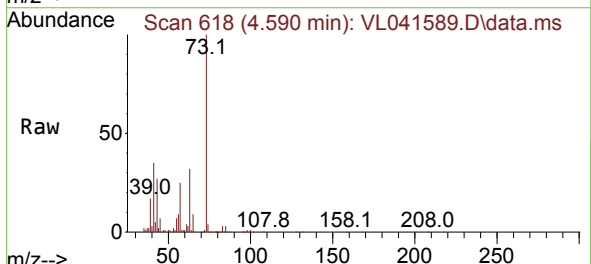
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

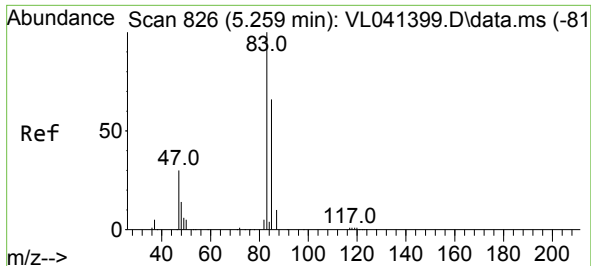
Tgt Ion: 76 Resp: 927543
Ion Ratio Lower Upper
76 100
44 19.9 15.6 23.4
78 9.2 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 9.087 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 73 Resp: 497219
Ion Ratio Lower Upper
73 100
57 24.0 18.9 28.3





#29

Chloroform

Concen: 9.003 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

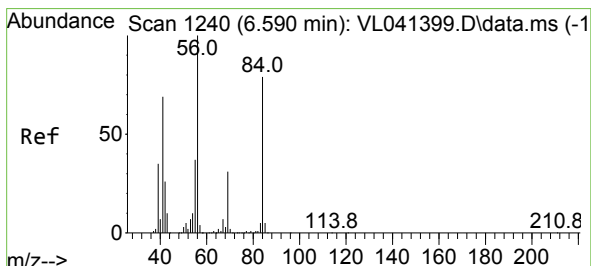
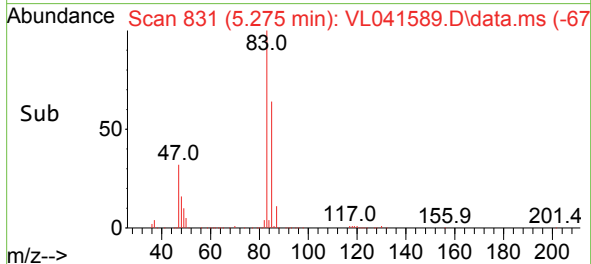
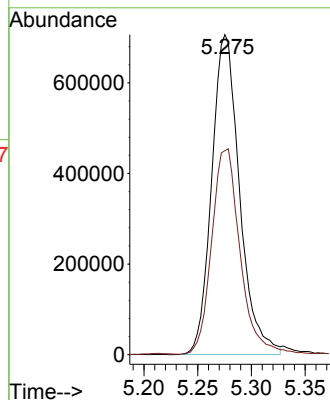
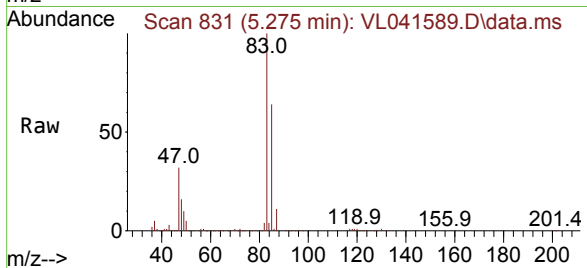
VSTDCCC010EC

Tgt Ion: 83 Resp: 1273995

Ion Ratio Lower Upper

83 100

85 63.6 53.1 79.7



#30

Cyclohexane

Concen: 9.626 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

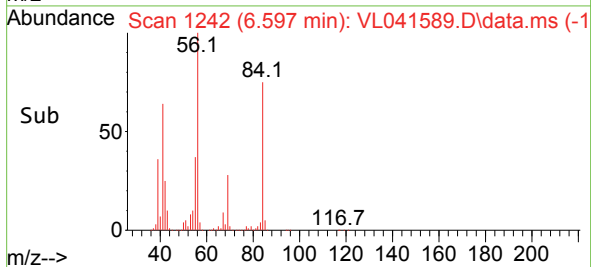
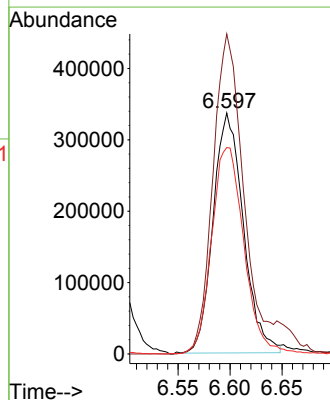
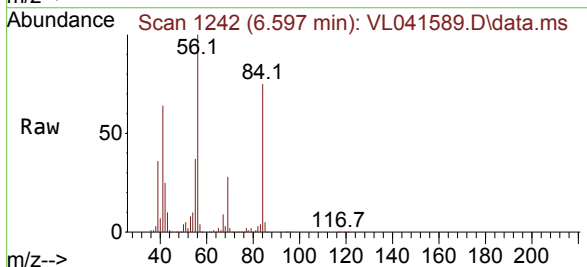
Tgt Ion: 84 Resp: 680092

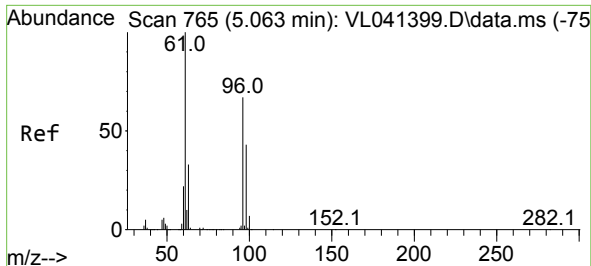
Ion Ratio Lower Upper

84 100

56 143.5 111.2 166.8

41 92.2 70.3 105.5

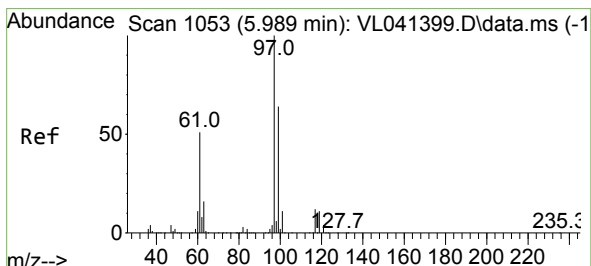
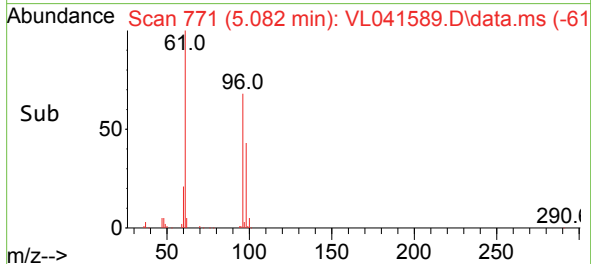
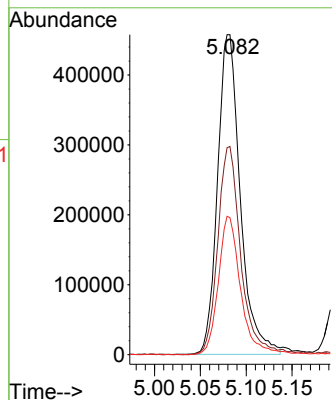
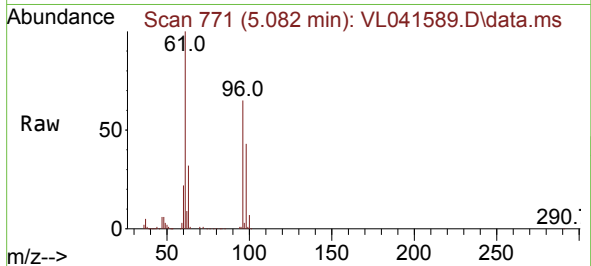




#31
 cis-1,2-Dichloroethene
 Concen: 9.206 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

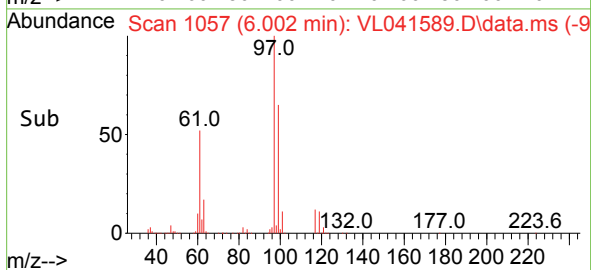
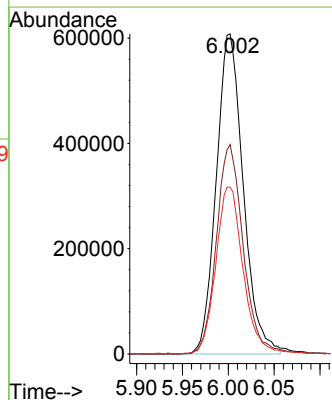
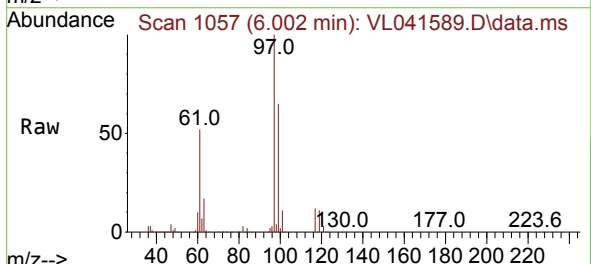
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

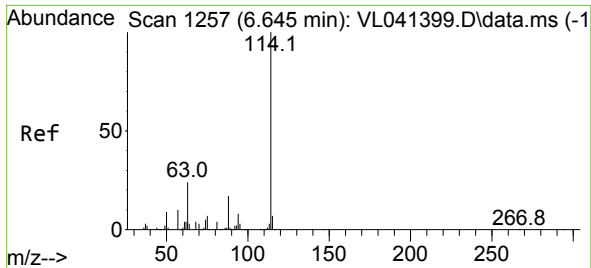
Tgt Ion: 61 Resp: 789017
 Ion Ratio Lower Upper
 61 100
 96 65.0 53.4 80.2
 98 42.8 34.4 51.6



#32
 1,1,1-Trichloroethane
 Concen: 9.028 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion: 97 Resp: 1243610
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 52.9 41.8 62.8

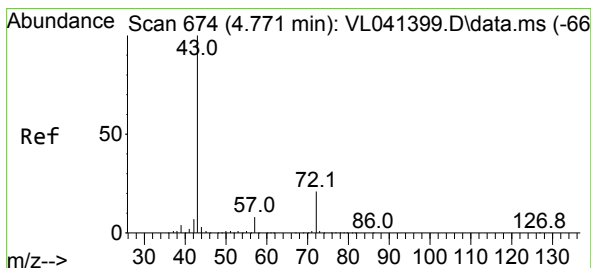
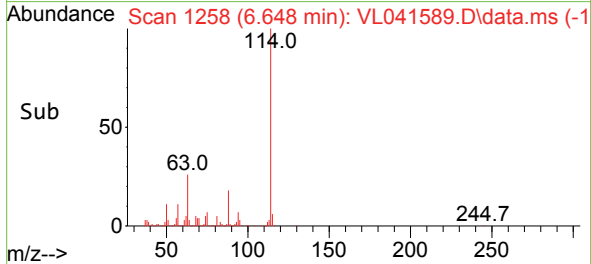
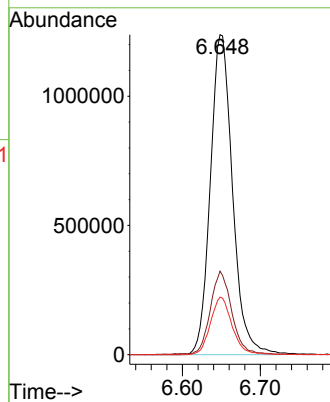
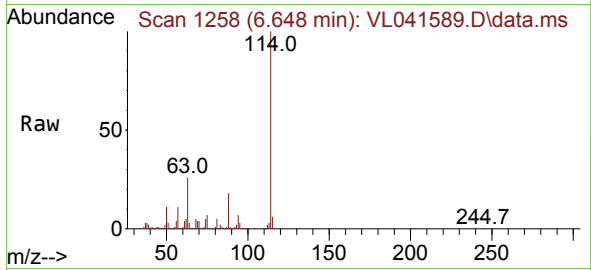




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

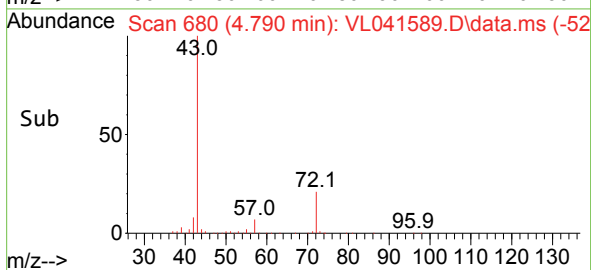
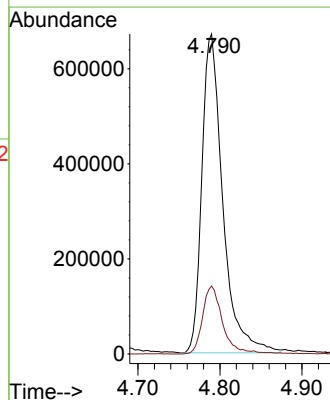
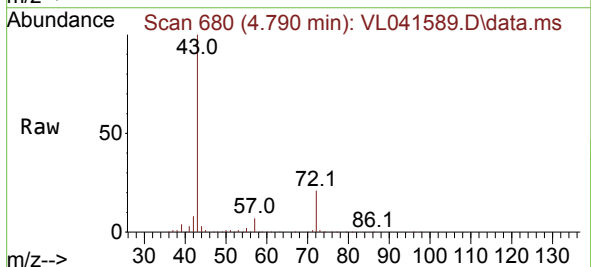
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

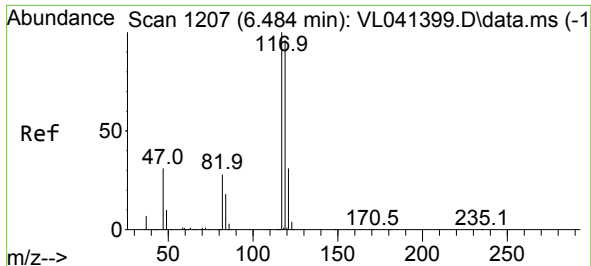
Tgt Ion:114 Resp: 2445888
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 17.6 14.3 21.5



#34
2-Butanone
Concen: 10.045 ppbv
RT: 4.790 min Scan# 680
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 43 Resp: 1188515
Ion Ratio Lower Upper
43 100
72 20.9 17.3 25.9

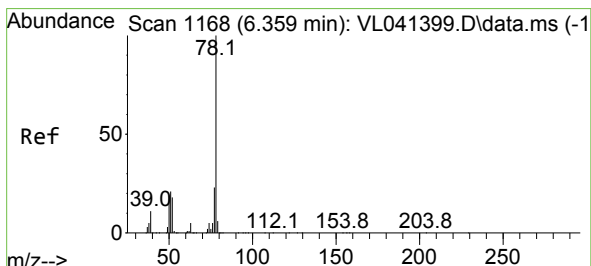
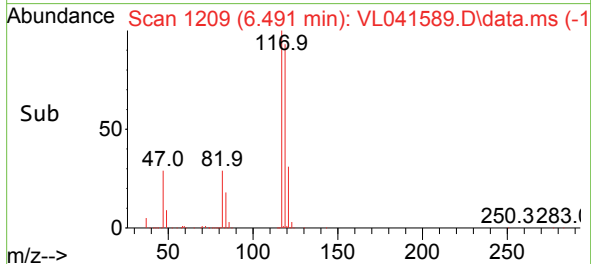
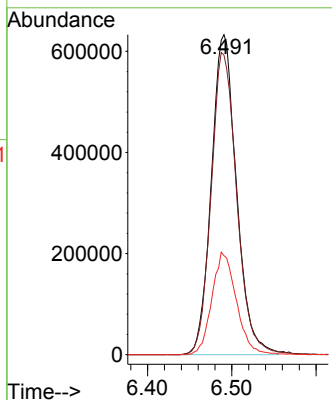
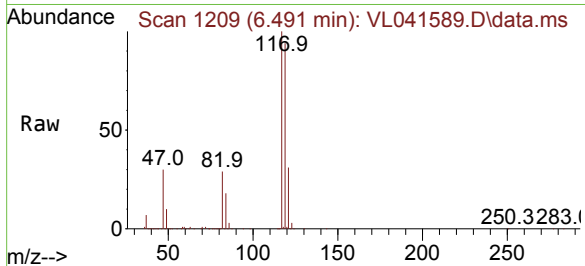




#35
Carbon Tetrachloride
Concen: 9.728 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

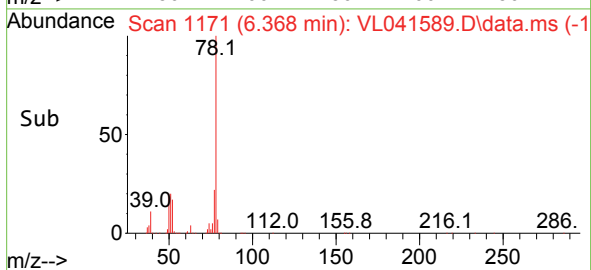
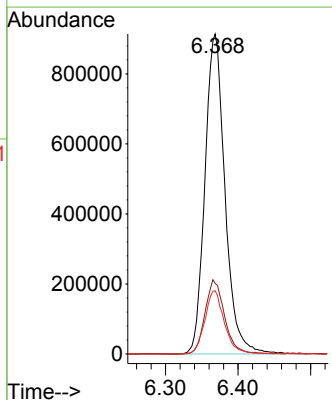
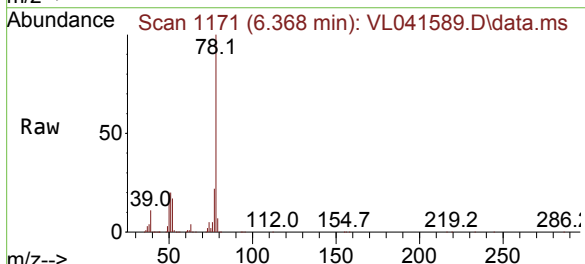
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

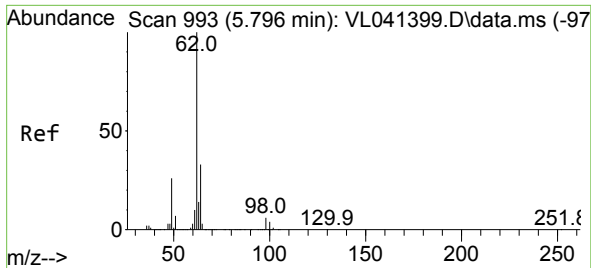
Tgt Ion:117 Resp: 1312342
Ion Ratio Lower Upper
117 100
119 93.7 76.6 115.0
121 31.0 25.1 37.7



#36
Benzene
Concen: 9.835 ppbv
RT: 6.368 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 78 Resp: 1757748
Ion Ratio Lower Upper
78 100
77 22.1 18.1 27.1
50 19.7 15.5 23.3

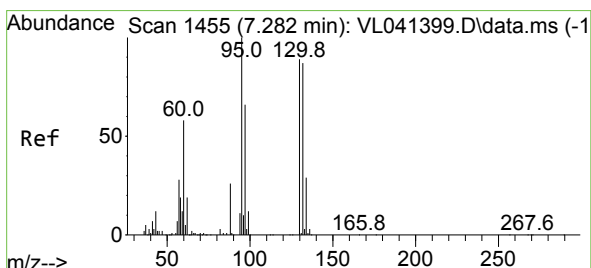
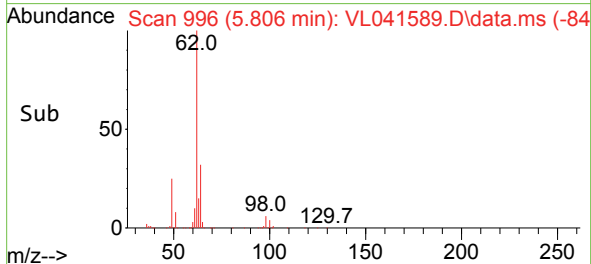
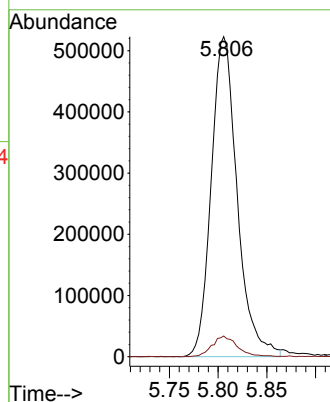
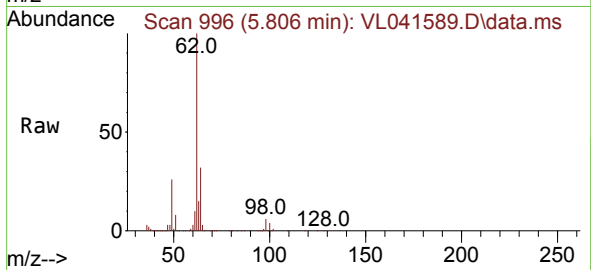




#37
1,2-Dichloroethane
Concen: 9.696 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

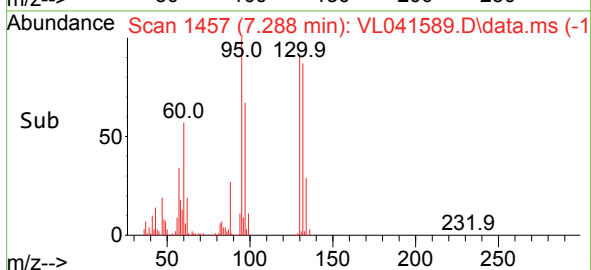
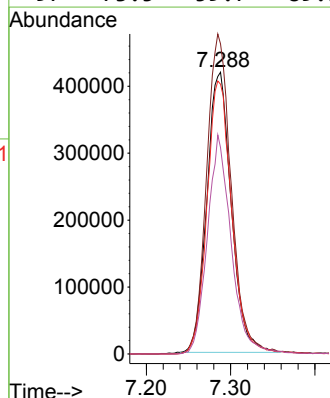
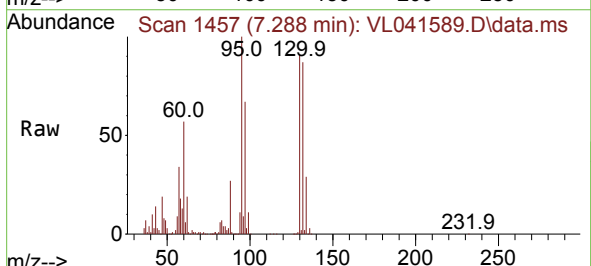
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

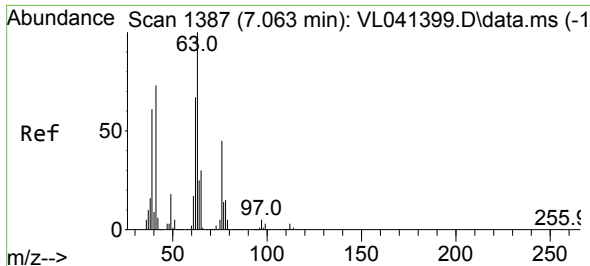
Tgt Ion: 62 Resp: 969873
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4



#38
Trichloroethene
Concen: 10.337 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:130 Resp: 846367
Ion Ratio Lower Upper
130 100
95 110.5 90.2 135.2
132 96.2 78.1 117.1
97 73.5 59.7 89.5





#39

1,2-Dichloropropane

Concen: 9.978 ppbv

RT: 7.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

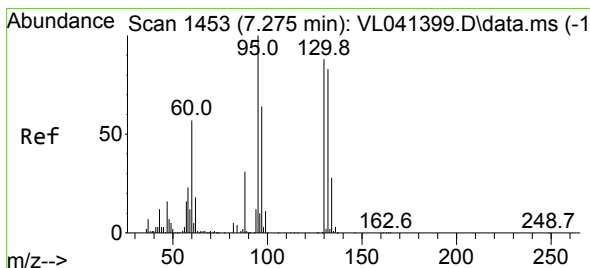
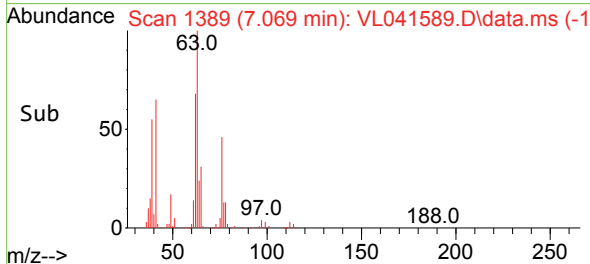
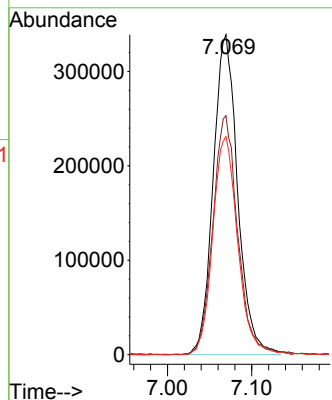
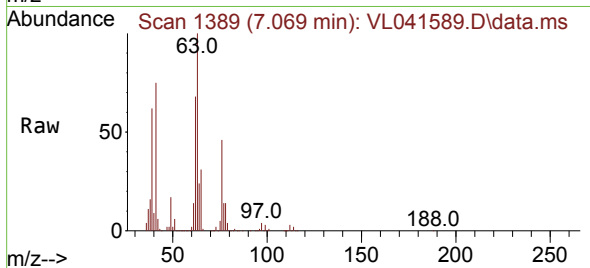
Tgt Ion: 63 Resp: 682748

Ion Ratio Lower Upper

63 100

41 74.6 58.3 87.5

62 68.1 53.9 80.9



#40

1,4-Dioxane

Concen: 5.764 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Tgt Ion: 88 Resp: 158421

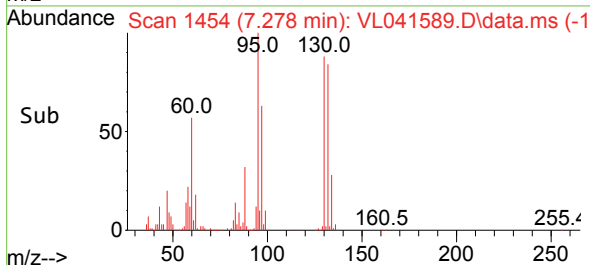
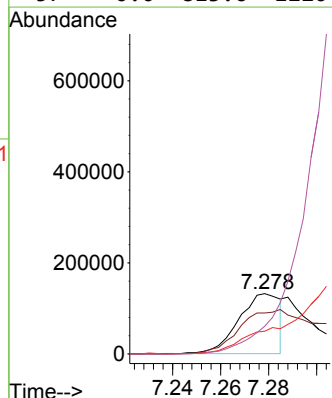
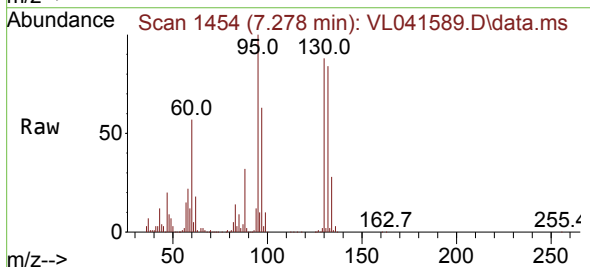
Ion Ratio Lower Upper

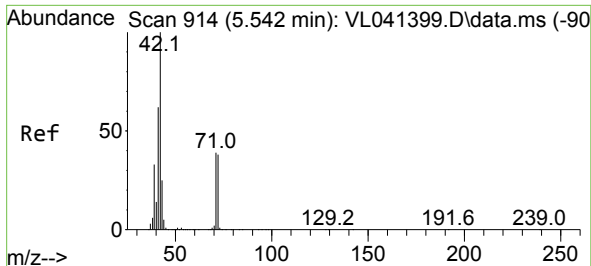
88 100

58 0.0 95.8 143.6#

43 0.0 188.2 282.2#

57 0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 10.440 ppbv

RT: 5.558 min Scan# 914

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

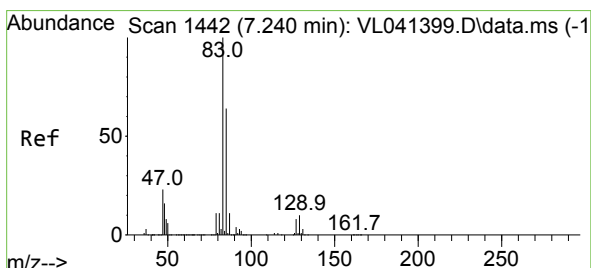
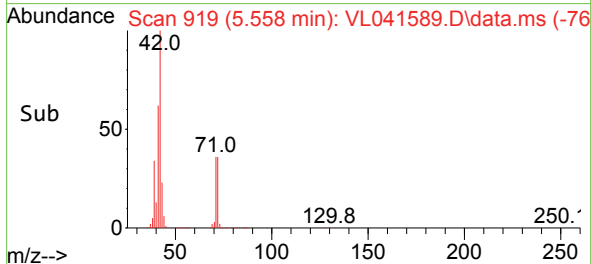
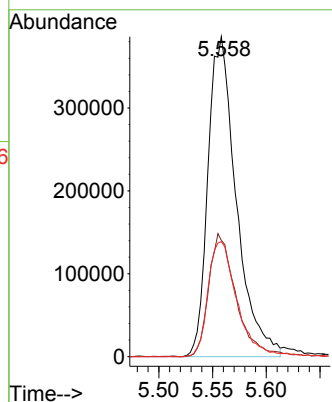
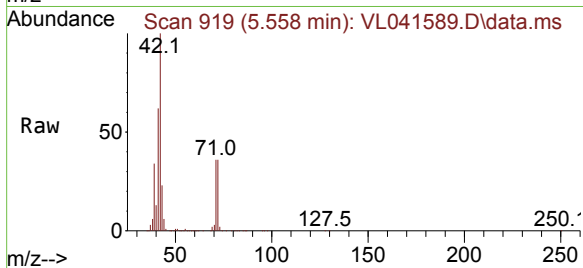
Tgt Ion: 42 Resp: 706495

Ion Ratio Lower Upper

42 100

72 37.9 31.2 46.8

71 37.3 30.5 45.7



#42

Bromodichloromethane

Concen: 9.681 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

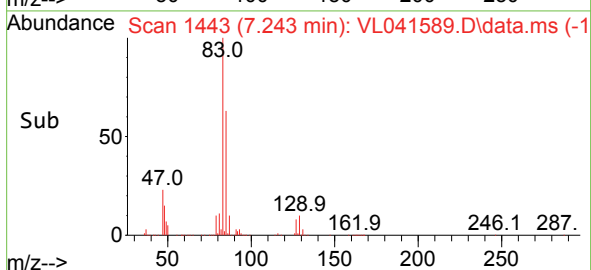
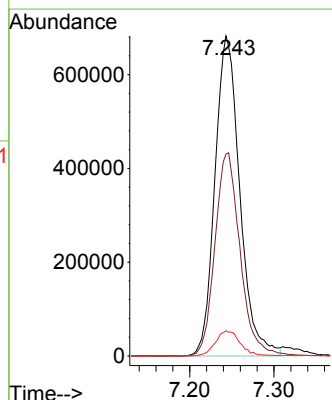
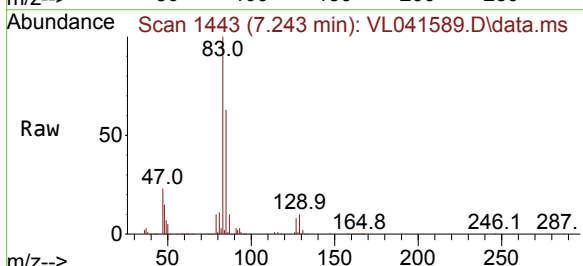
Tgt Ion: 83 Resp: 1398254

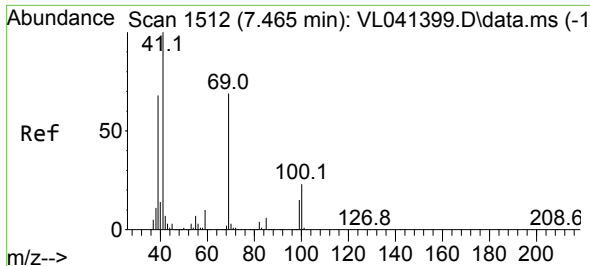
Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 7.9 6.7 10.1

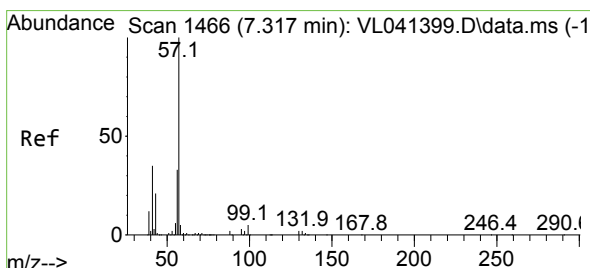
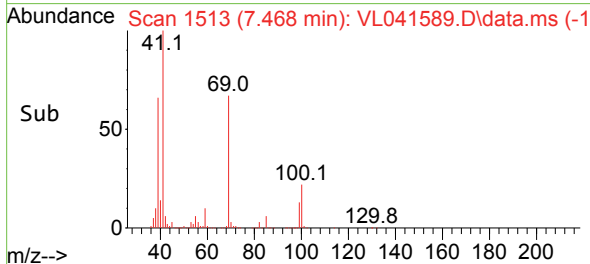
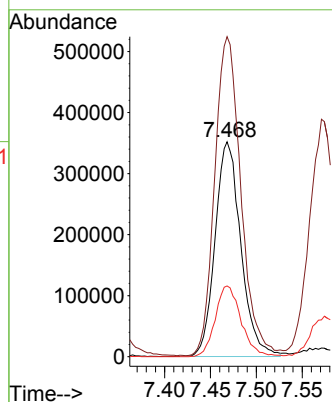
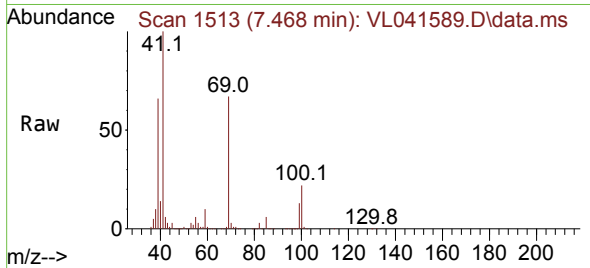




#43
Methyl Methacrylate
Concen: 10.717 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

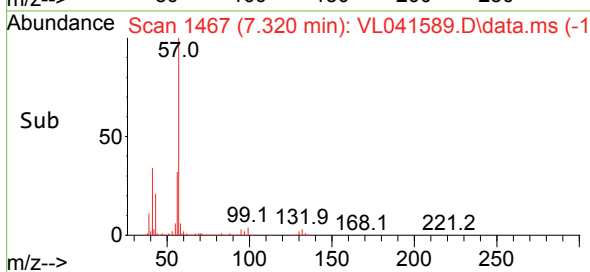
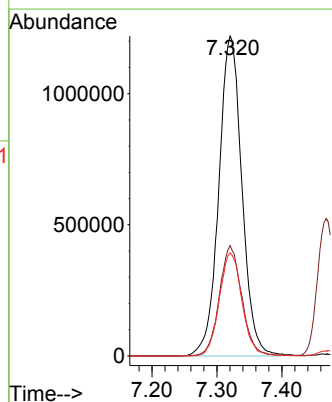
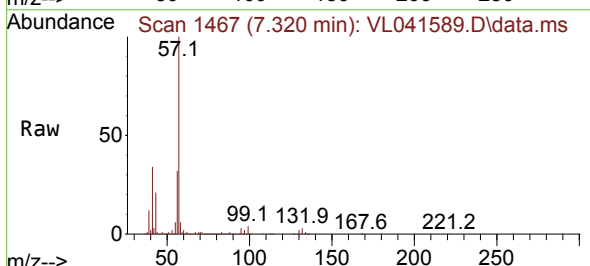
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

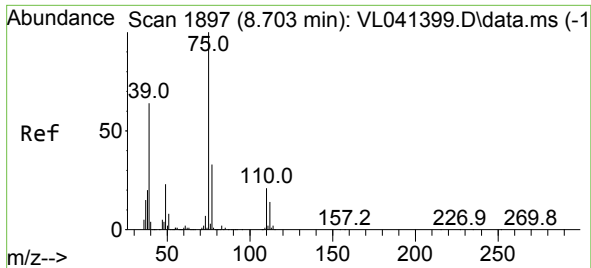
Tgt Ion: 69 Resp: 686835
Ion Ratio Lower Upper
69 100
41 151.5 118.7 178.1
100 33.1 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.075 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 57 Resp: 3007382
Ion Ratio Lower Upper
57 100
41 33.7 27.0 40.6
56 31.6 25.2 37.8

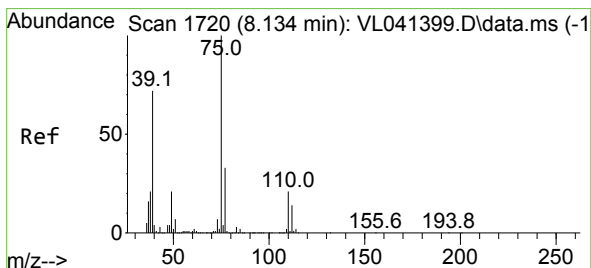
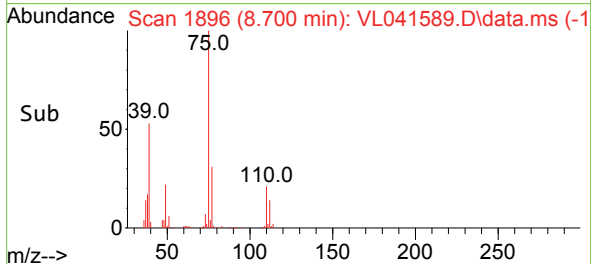
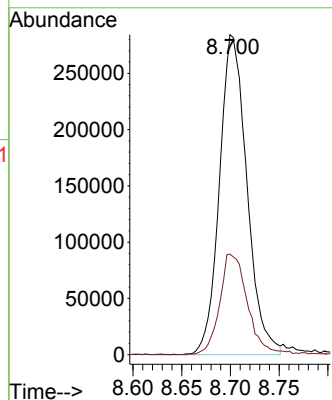
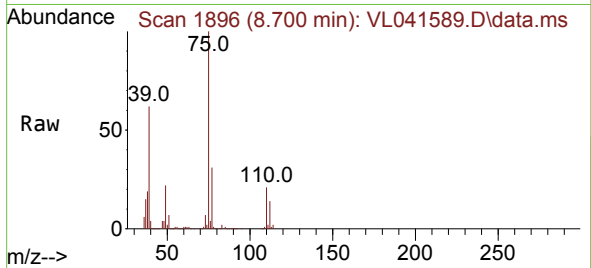




#45
 t-1,3-Dichloropropene
 Concen: 9.443 ppbv
 RT: 8.700 min Scan# 1897
 Delta R.T. -0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

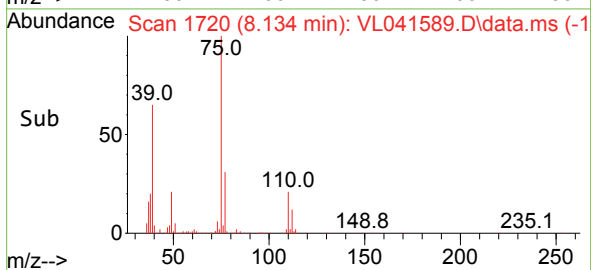
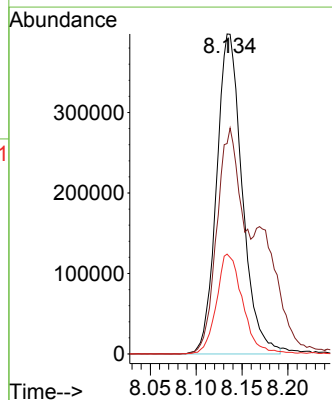
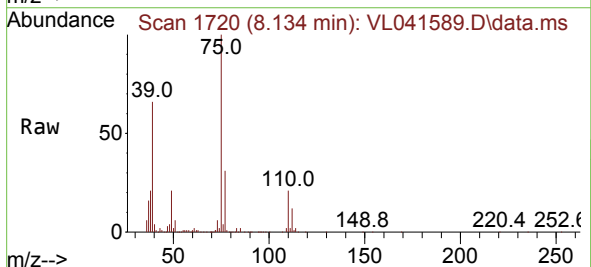
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

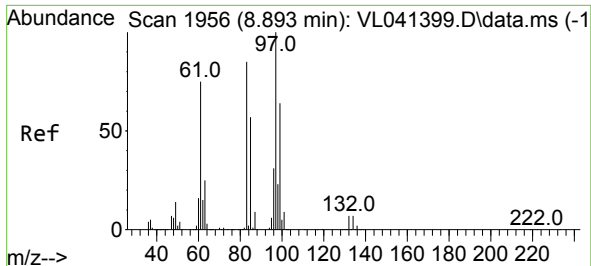
Tgt Ion: 75 Resp: 557009
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.5 39.7



#46
 cis-1,3-Dichloropropene
 Concen: 9.080 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. -0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion: 75 Resp: 773479
 Ion Ratio Lower Upper
 75 100
 39 65.7 57.3 85.9
 77 31.2 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 9.832 ppbv

RT: 8.889 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 741553

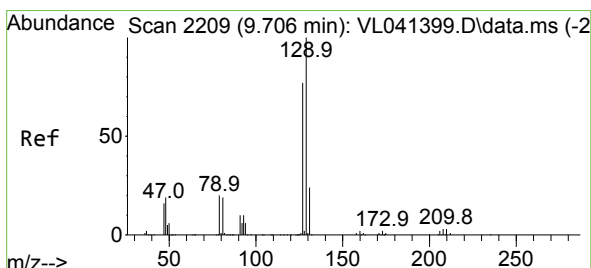
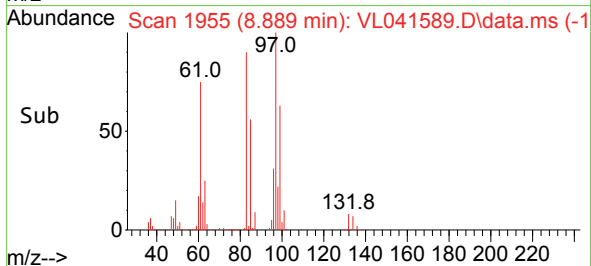
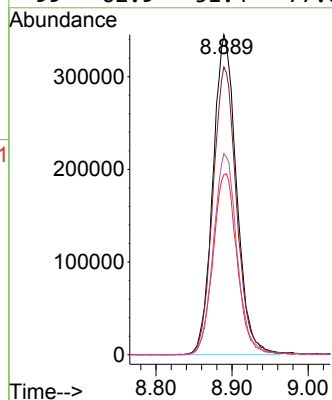
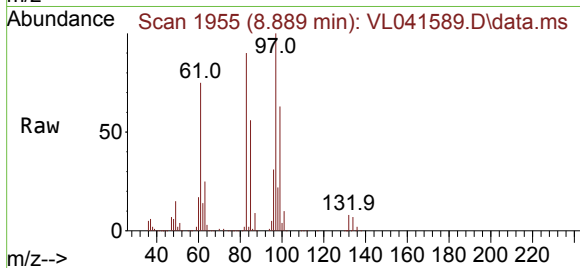
Ion Ratio Lower Upper

97 100

83 89.8 67.6 101.4

85 56.3 45.9 68.9

99 62.9 51.4 77.0



#48

Dibromochloromethane

Concen: 10.109 ppbv

RT: 9.700 min Scan# 2207

Delta R.T. -0.003 min

Lab File: VL041589.D

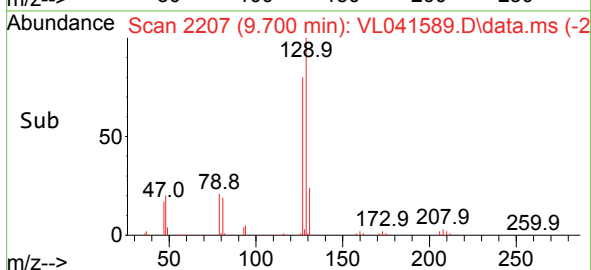
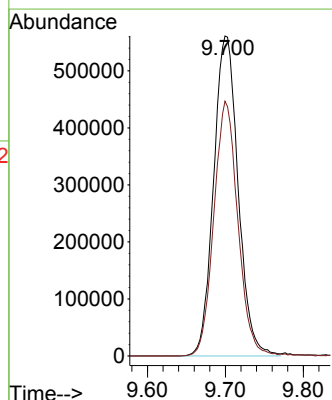
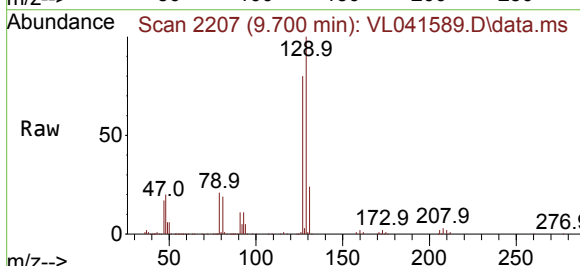
Acq: 22 Aug 2024 16:37

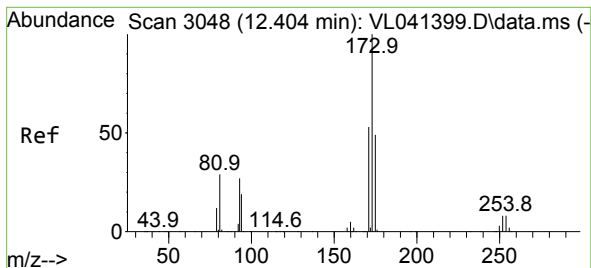
Tgt Ion: 129 Resp: 1228287

Ion Ratio Lower Upper

129 100

127 78.4 39.3 117.8





#49

Bromoform

Concen: 11.084 ppbv

RT: 12.397 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

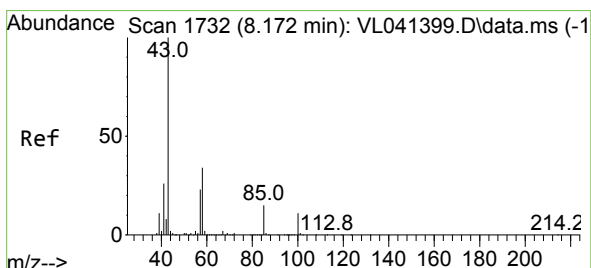
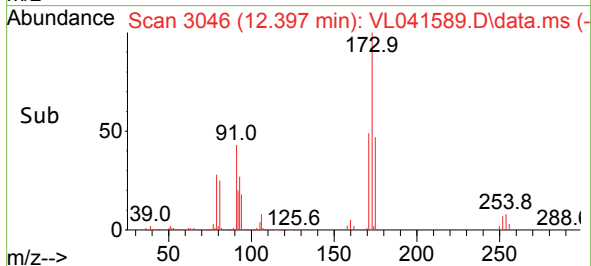
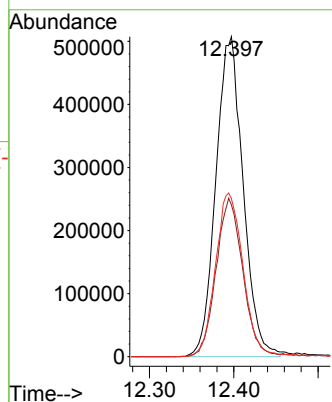
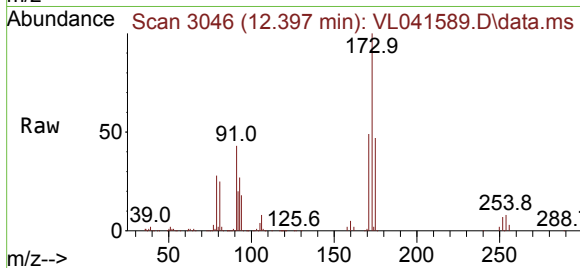
Tgt Ion:173 Resp: 1137650

Ion Ratio Lower Upper

173 100

175 49.4 39.9 59.9

171 52.5 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.618 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VL041589.D

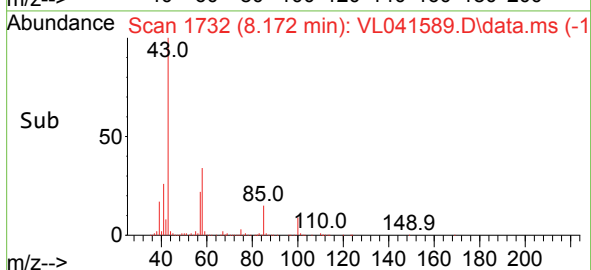
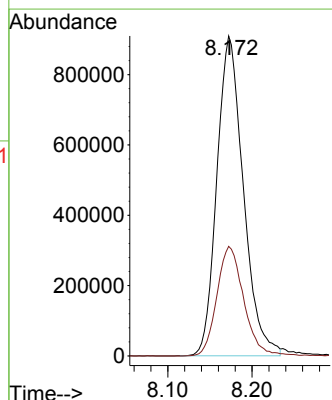
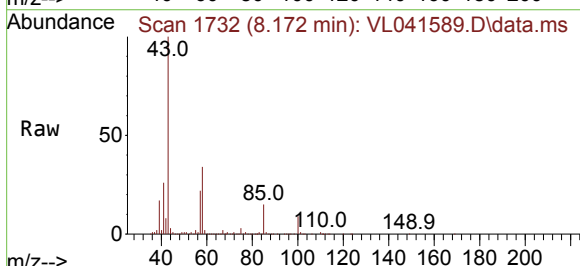
Acq: 22 Aug 2024 16:37

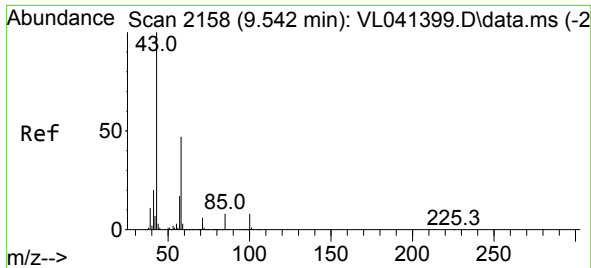
Tgt Ion: 43 Resp: 1982075

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

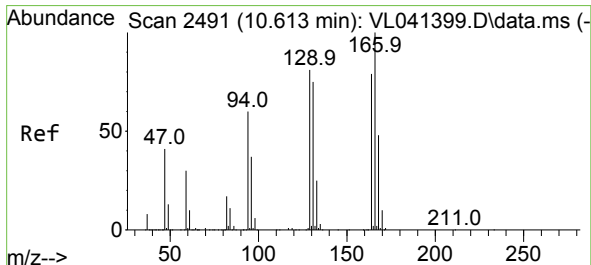
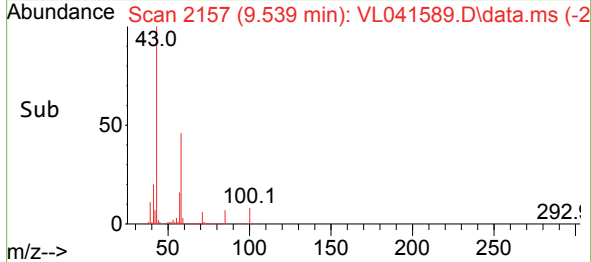
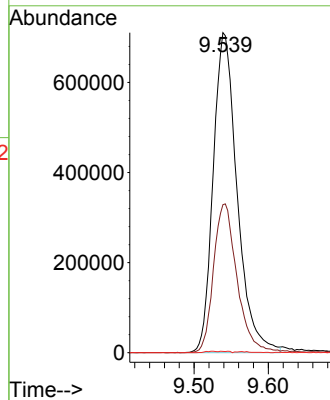
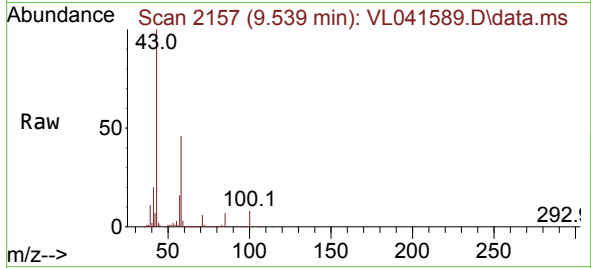




#51
2-Hexanone
Concen: 11.301 ppbv
RT: 9.539 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

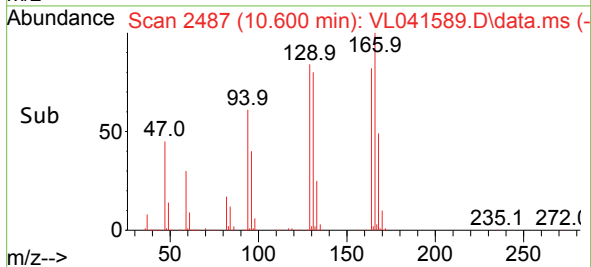
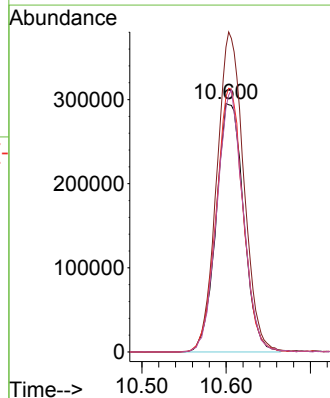
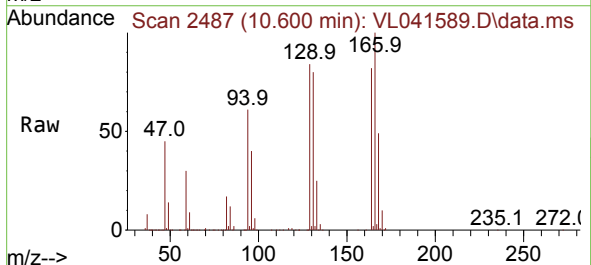
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

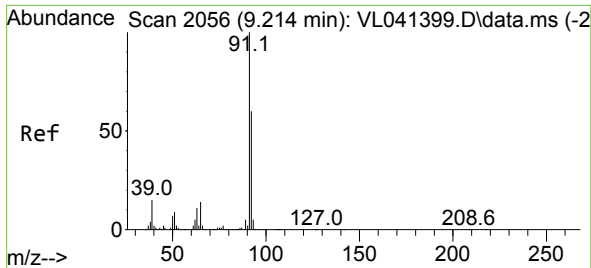
Tgt Ion: 43 Resp: 1595130
Ion Ratio Lower Upper
43 100
58 46.2 38.2 57.2
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 9.670 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.007 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 164 Resp: 667789
Ion Ratio Lower Upper
164 100
166 122.6 101.1 151.7
129 102.6 81.7 122.5
131 98.3 76.2 114.4

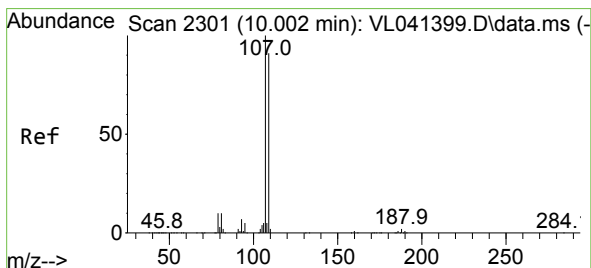
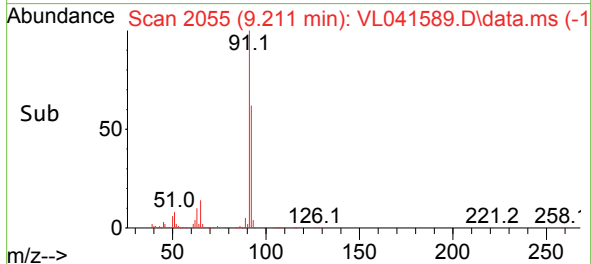
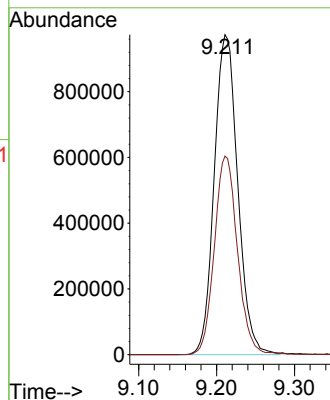
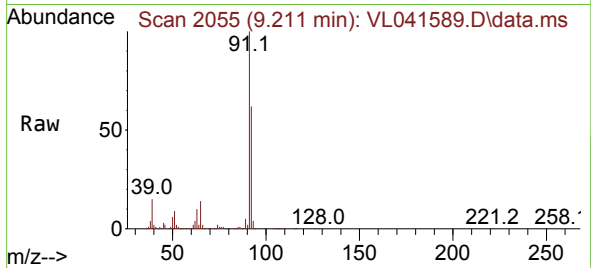




#53
Toluene
Concen: 10.262 ppbv
RT: 9.211 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

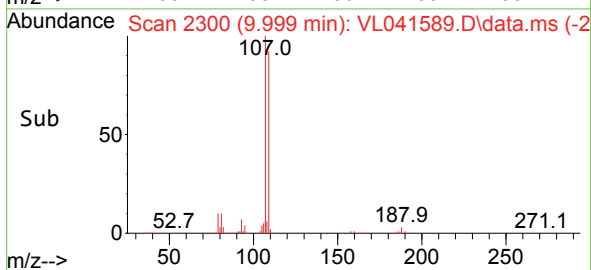
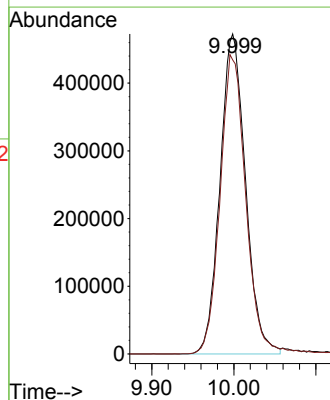
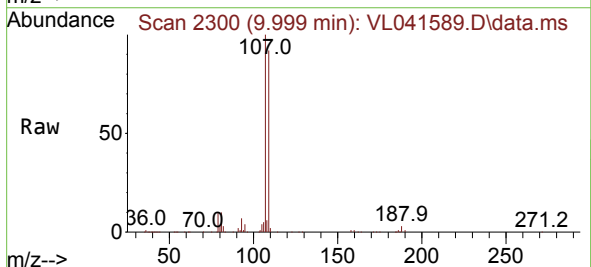
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

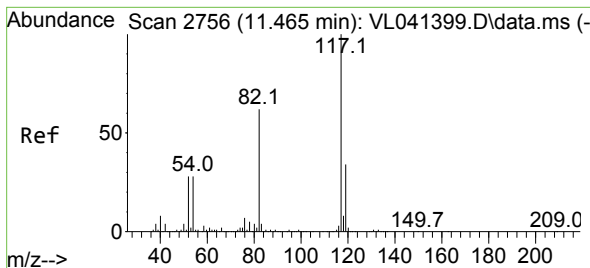
Tgt Ion: 91 Resp: 2042791
Ion Ratio Lower Upper
91 100
92 61.2 48.7 73.1



#54
1,2-Dibromoethane
Concen: 10.183 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 107 Resp: 1022248
Ion Ratio Lower Upper
107 100
109 91.9 72.7 109.1

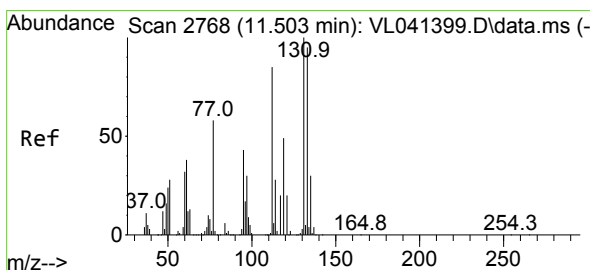
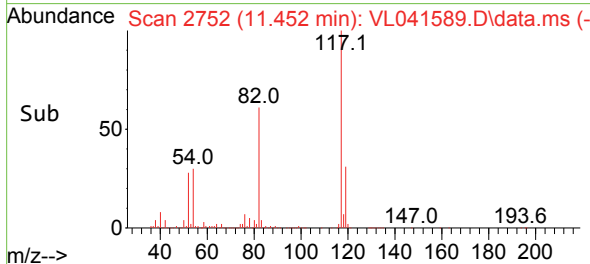
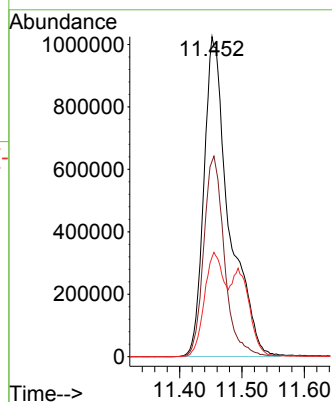
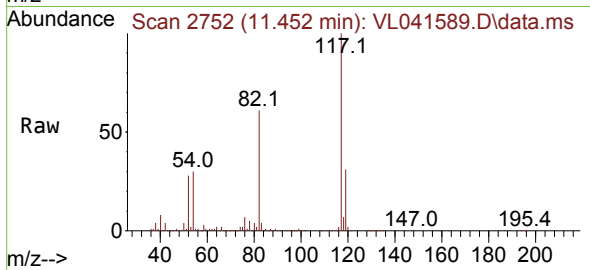




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

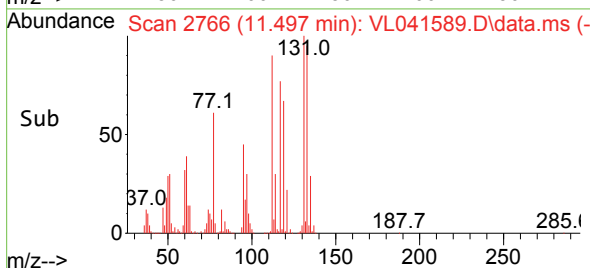
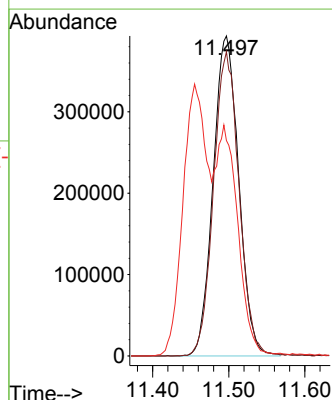
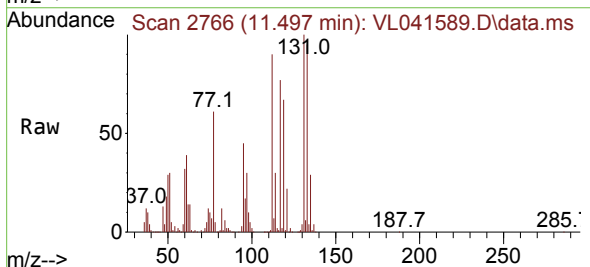
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

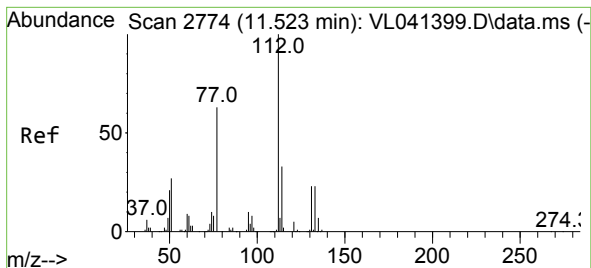
Tgt Ion:117 Resp: 2868650
Ion Ratio Lower Upper
117 100
82 52.1 51.0 76.6
119 29.2 45.2 67.8#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.267 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:131 Resp: 919718
Ion Ratio Lower Upper
131 100
133 95.2 77.0 115.4
119 63.8 121.5 182.3#

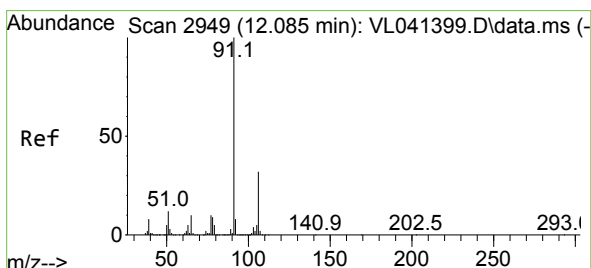
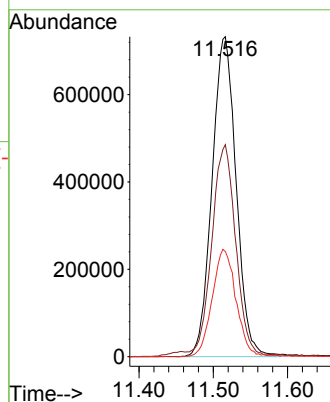
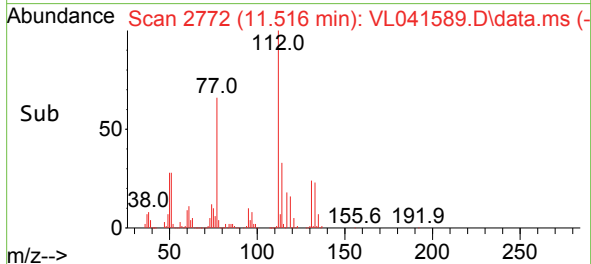
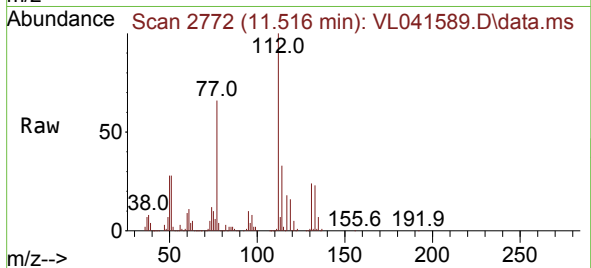




#57
Chlorobenzene
Concen: 8.097 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

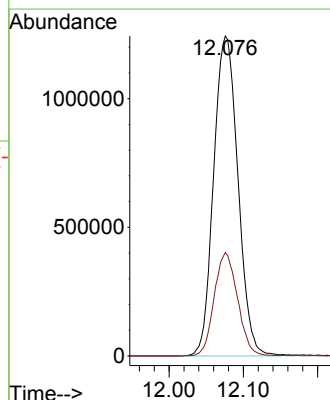
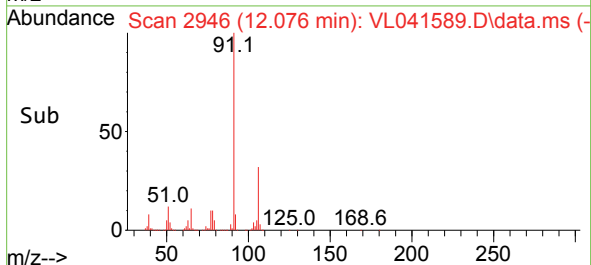
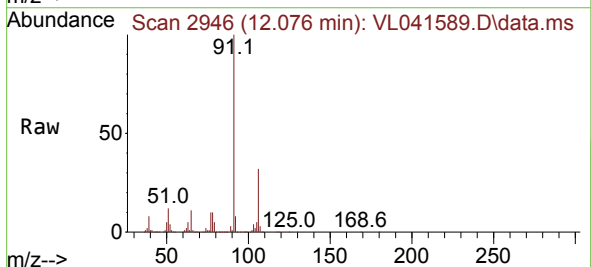
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

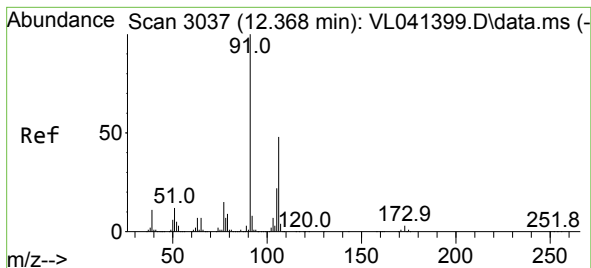
Tgt Ion:112 Resp: 1653755
Ion Ratio Lower Upper
112 100
77 65.8 51.1 76.7
114 32.9 29.5 36.1



#58
Ethyl Benzene
Concen: 8.553 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 91 Resp: 2827947
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.8

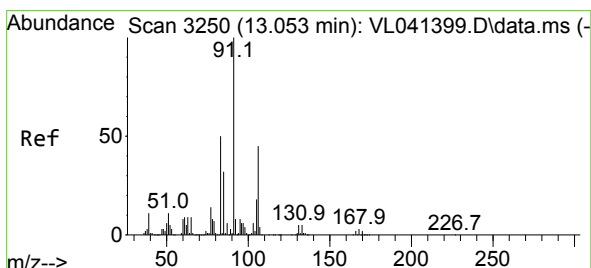
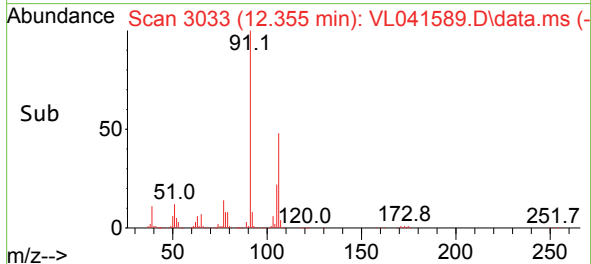
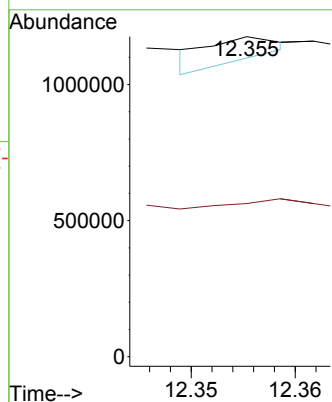
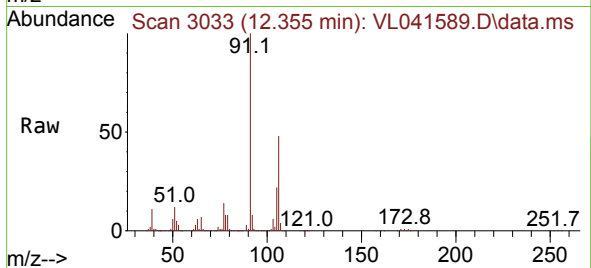




#59
m/p-Xylene
Concen: 0.152 ppbv
RT: 12.355 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

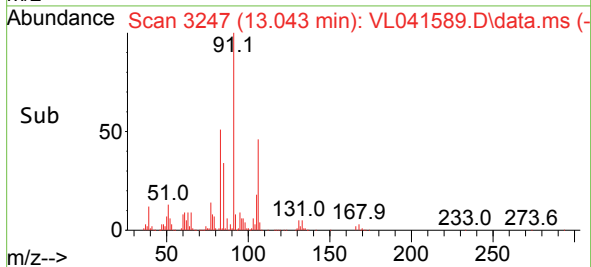
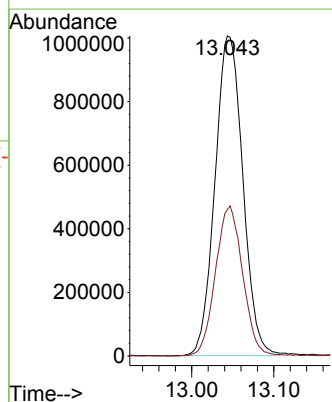
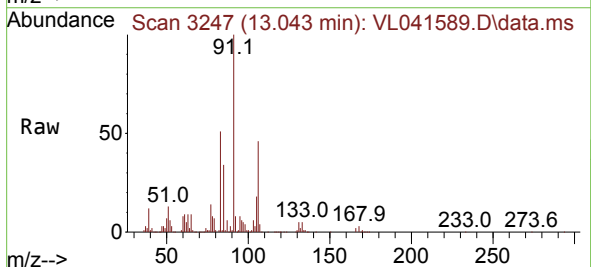
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

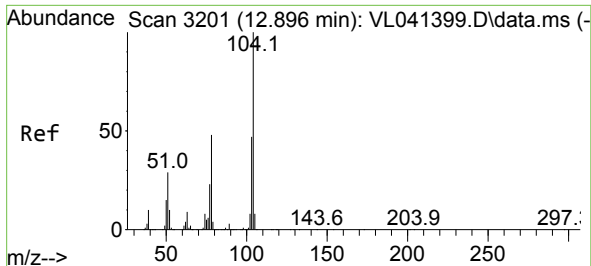
Tgt Ion: 91 Resp: 43525
Ion Ratio Lower Upper
91 100
106 5128.2 36.3 54.5#



#60
o-Xylene
Concen: 8.786 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. -0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 91 Resp: 2372242
Ion Ratio Lower Upper
91 100
106 46.1 23.1 69.3

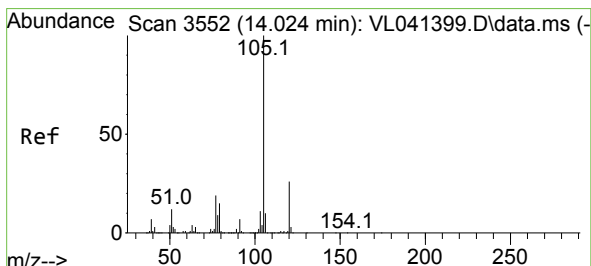
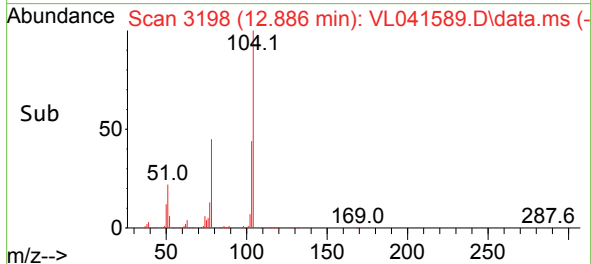
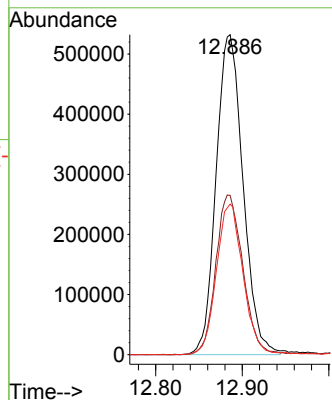
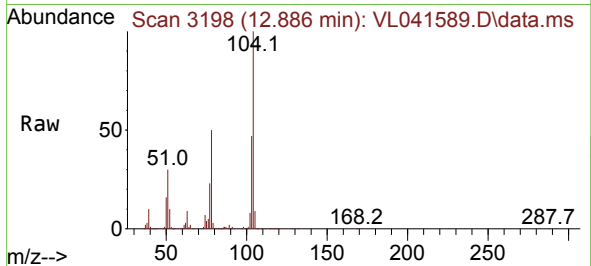




#61
Styrene
Concen: 9.439 ppbv
RT: 12.886 min Scan# 3198
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

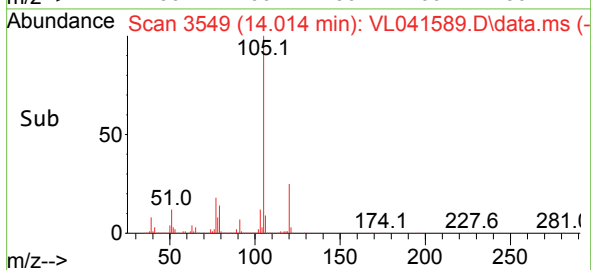
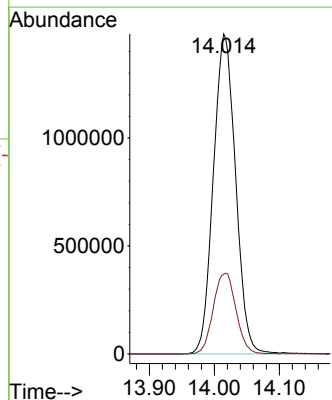
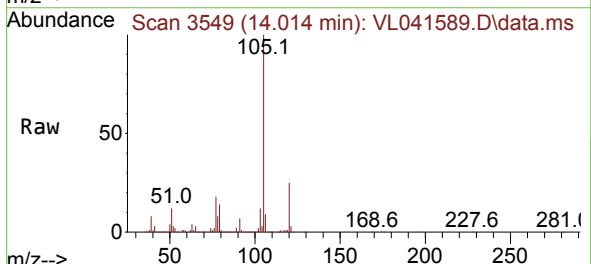
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

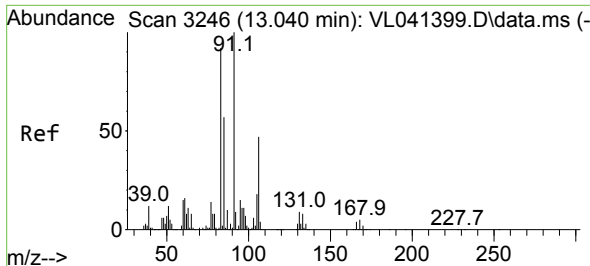
Tgt Ion:104 Resp: 1149764
Ion Ratio Lower Upper
104 100
78 50.4 40.8 61.2
103 46.9 38.2 57.4



#62
Isopropylbenzene
Concen: 8.553 ppbv
RT: 14.014 min Scan# 3549
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:105 Resp: 3510869
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4

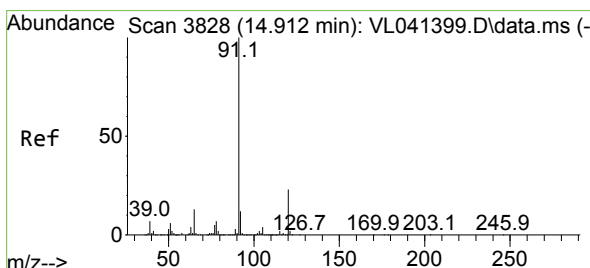
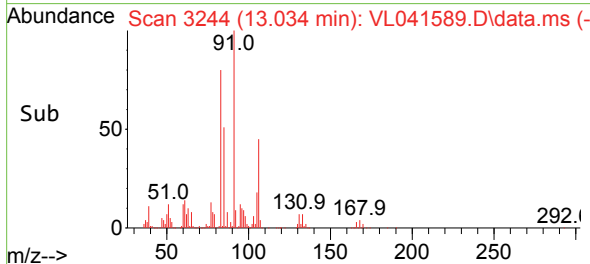
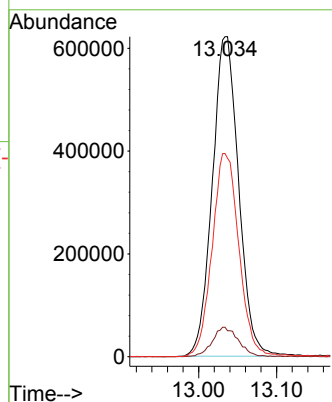
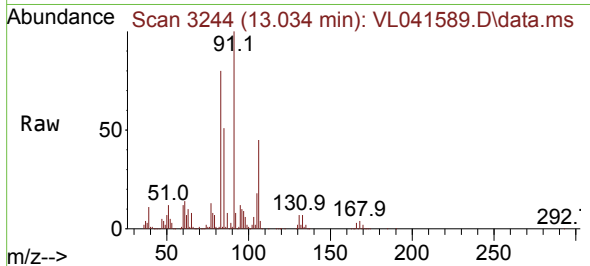




#63
1,1,2,2-Tetrachloroethane
Concen: 8.551 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

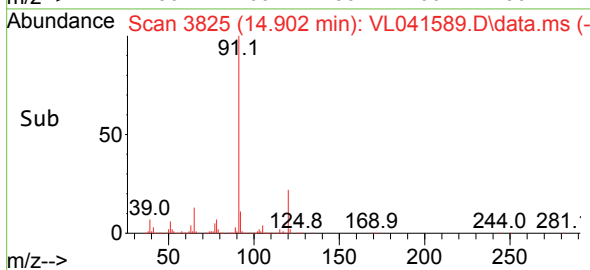
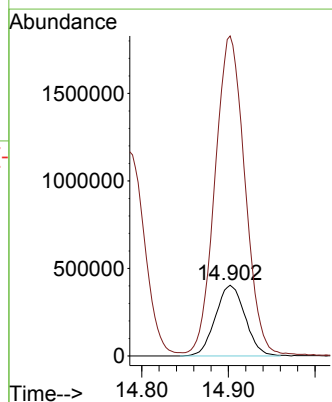
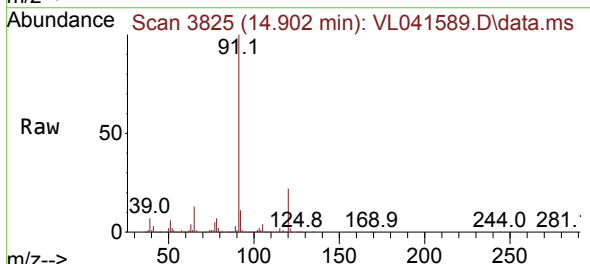
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

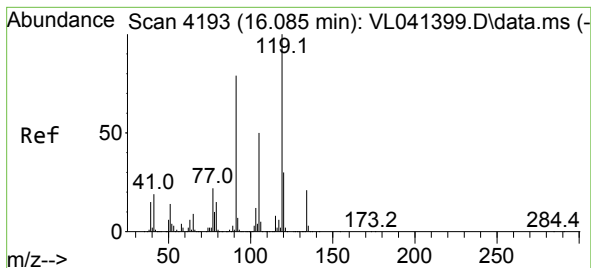
Tgt Ion: 83 Resp: 1457884
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.1 32.6 98.0



#64
n-propylbenzene
Concen: 8.933 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:120 Resp: 958647
Ion Ratio Lower Upper
120 100
91 462.3 361.4 542.0

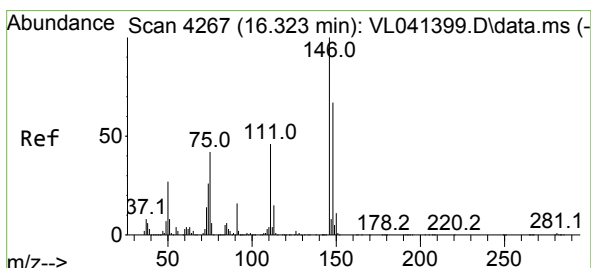
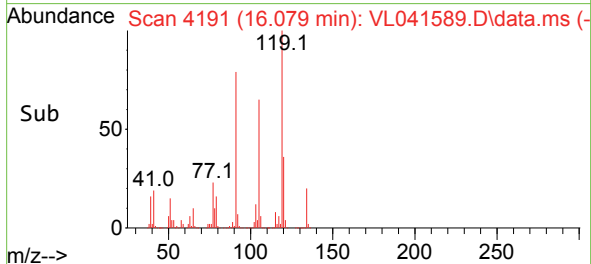
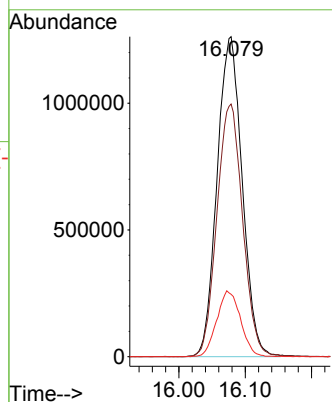
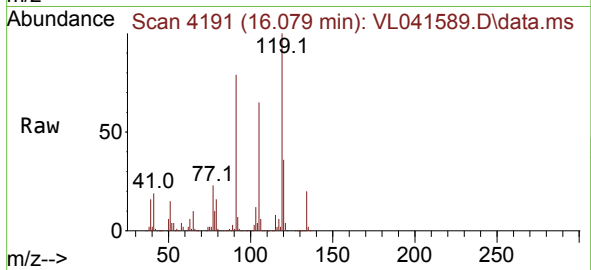




#65
tert-Butylbenzene
Concen: 8.950 ppbv
RT: 16.079 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

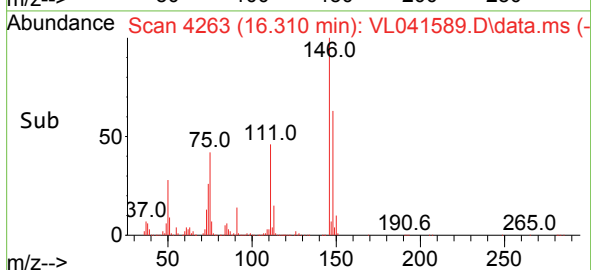
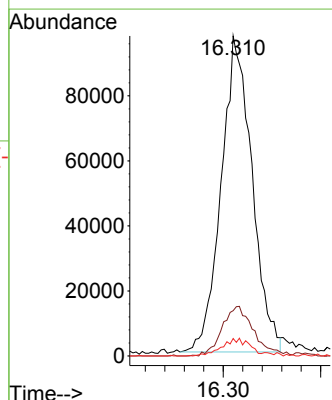
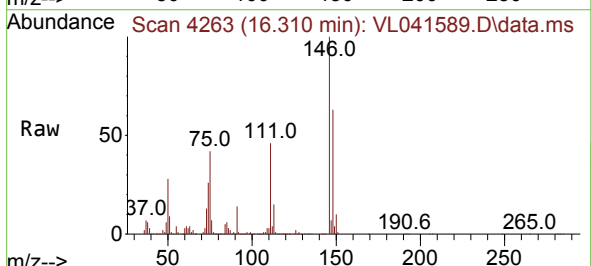
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

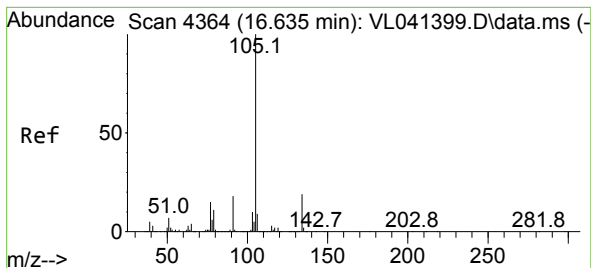
Tgt Ion:119 Resp: 3318226
Ion Ratio Lower Upper
119 100
91 80.9 64.2 96.2
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 8.983 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.007 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion: 91 Resp: 213625
Ion Ratio Lower Upper
91 100
126 16.6 13.8 20.8
128 5.4 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.221 ppbv

RT: 16.622 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

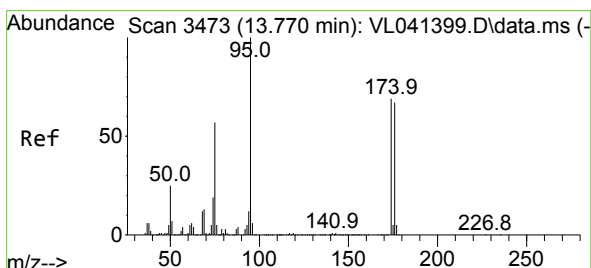
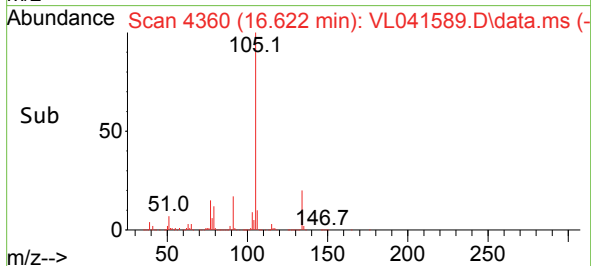
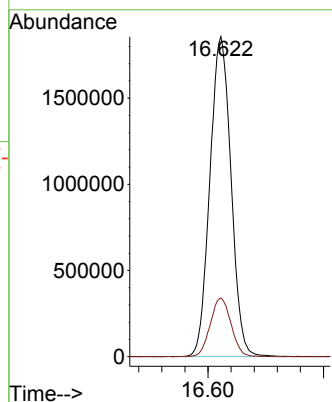
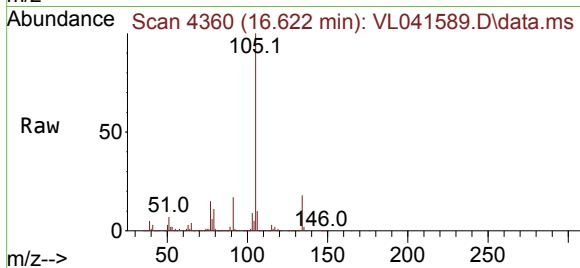
VSTDCCC010EC

Tgt Ion:105 Resp: 4710244

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 8.383 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. -0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

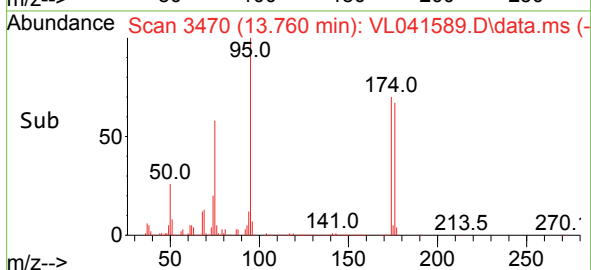
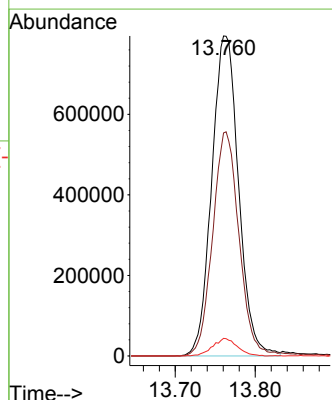
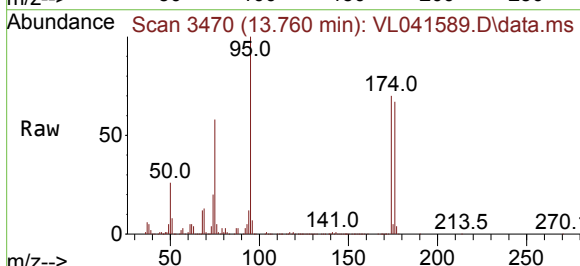
Tgt Ion: 95 Resp: 1850686

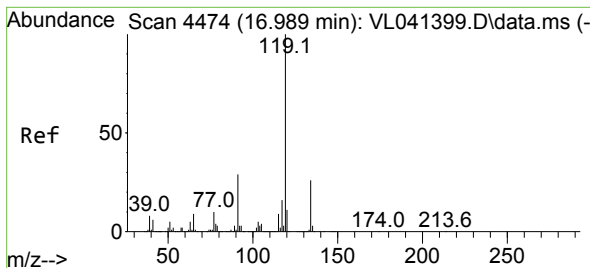
Ion Ratio Lower Upper

95 100

174 69.7 56.3 84.5

175 5.1 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.370 ppbv

RT: 16.982 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

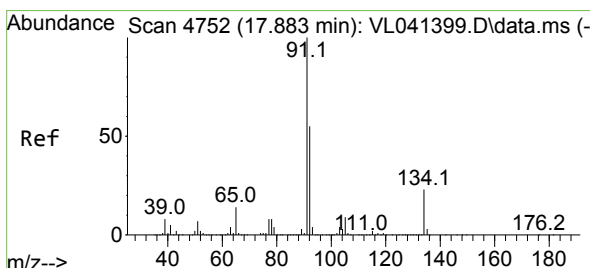
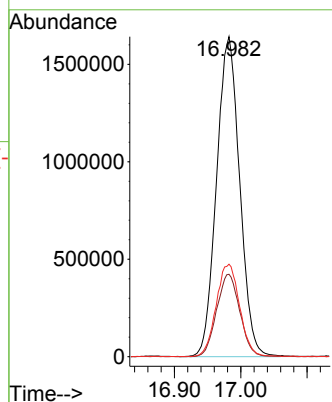
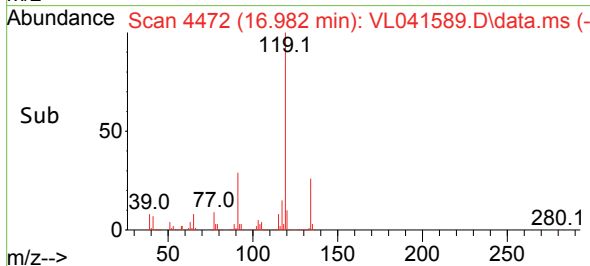
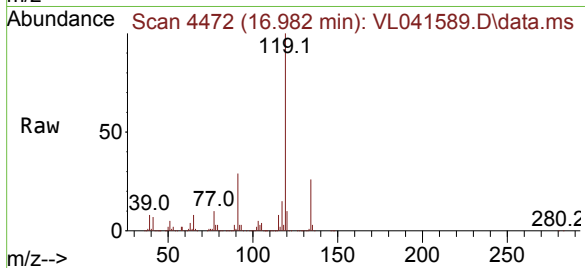
Tgt Ion:119 Resp: 3971714

Ion Ratio Lower Upper

119 100

134 25.9 20.5 30.7

91 29.3 23.2 34.8



#70

n-Butylbenzene

Concen: 9.829 ppbv

RT: 17.873 min Scan# 4749

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

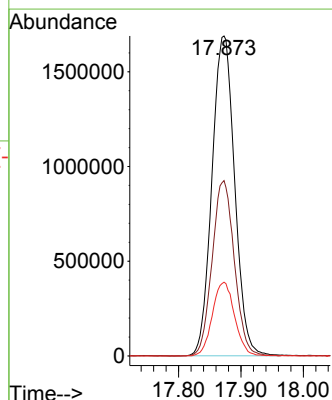
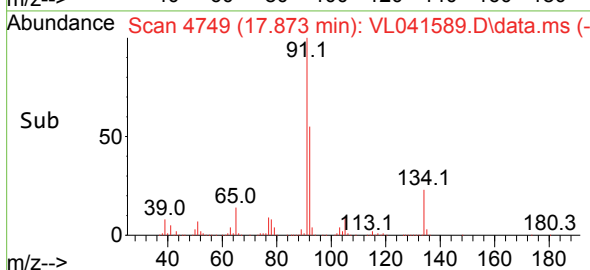
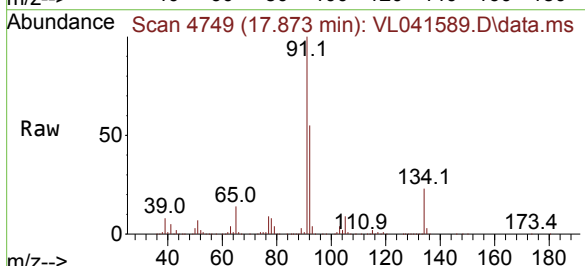
Tgt Ion: 91 Resp: 4271239

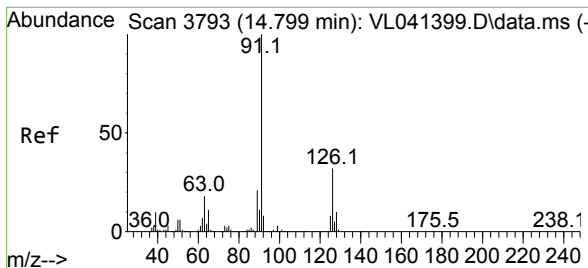
Ion Ratio Lower Upper

91 100

92 53.8 43.2 64.8

134 22.7 18.5 27.7

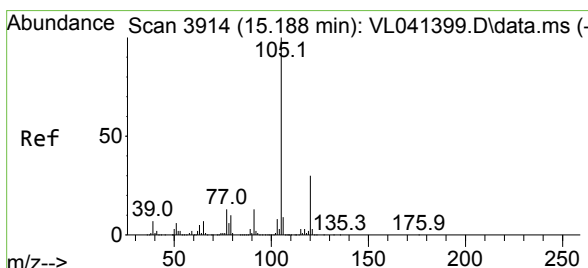
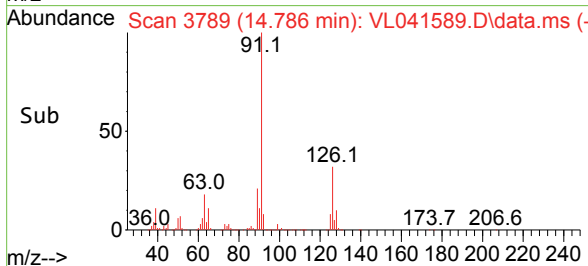
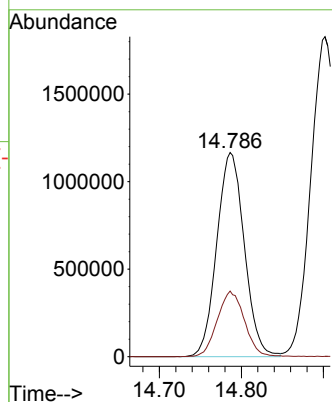
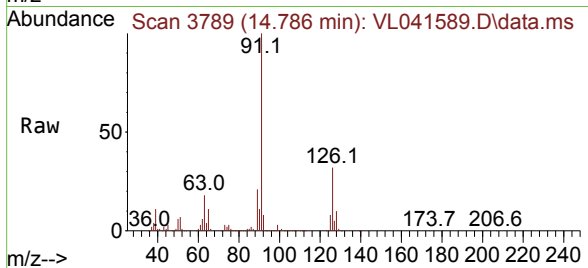




#71
2-Chlorotoluene
Concen: 8.996 ppbv
RT: 14.786 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

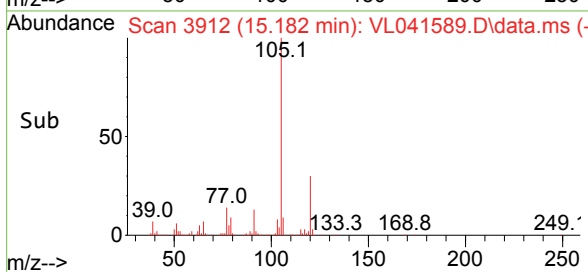
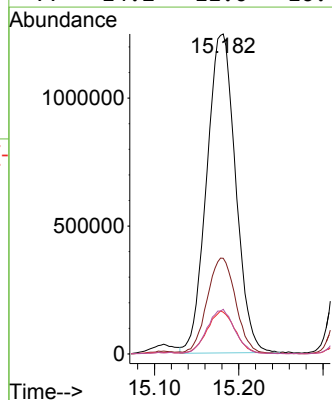
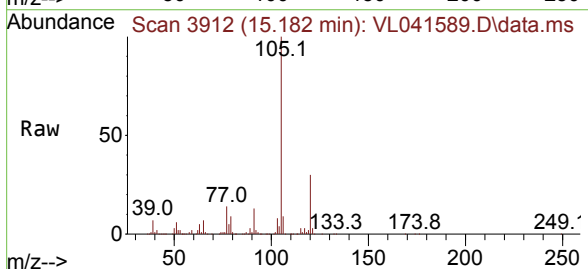
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

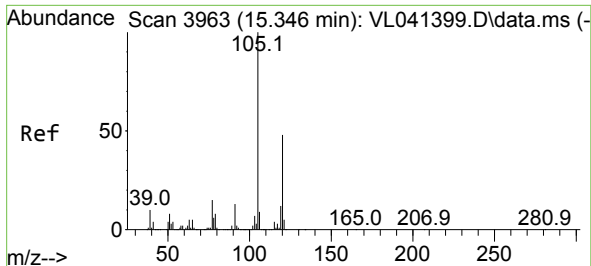
Tgt Ion: 91 Resp: 2723204
Ion Ratio Lower Upper
91 100
126 31.9 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.323 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:105 Resp: 2963454
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 13.7 10.4 15.6
77 14.2 11.0 16.4

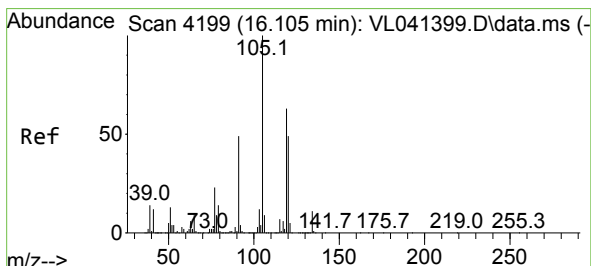
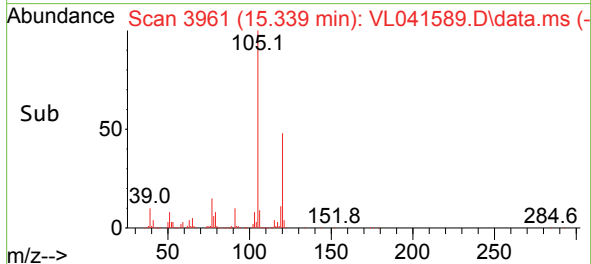
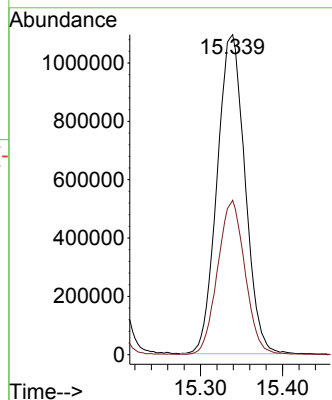
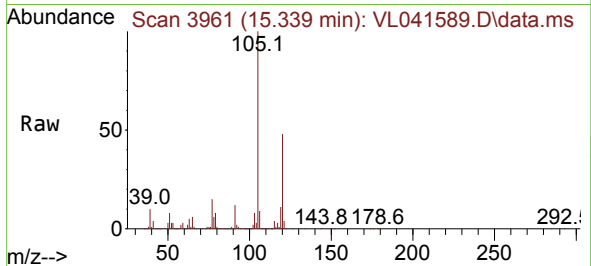




#73
 1,3,5-Trimethylbenzene
 Concen: 9.432 ppbv
 RT: 15.339 min Scan# 3961
 Delta R.T. 0.003 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

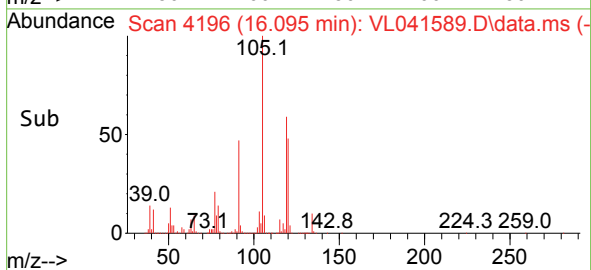
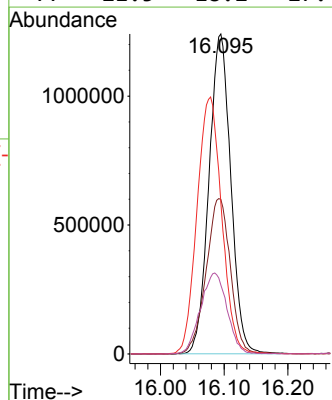
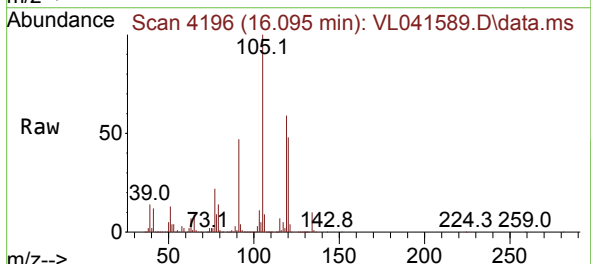
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

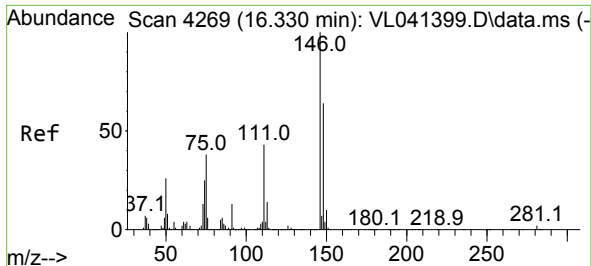
Tgt Ion:105 Resp: 2583010
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.6 57.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.264 ppbv
 RT: 16.095 min Scan# 4196
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Tgt Ion:105 Resp: 2949571
 Ion Ratio Lower Upper
 105 100
 120 48.2 39.5 59.3
 91 47.2 39.8 59.8
 77 21.5 18.2 27.4

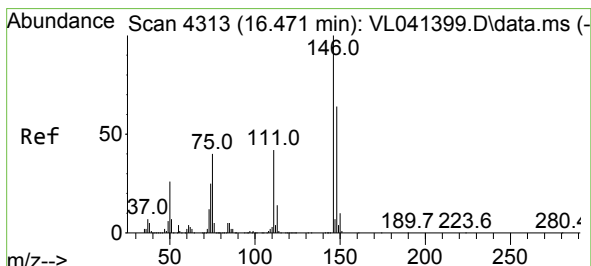
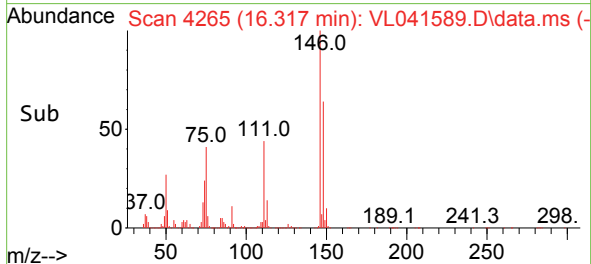
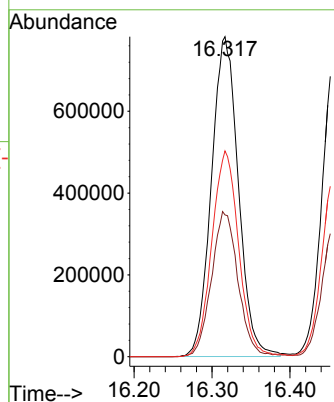
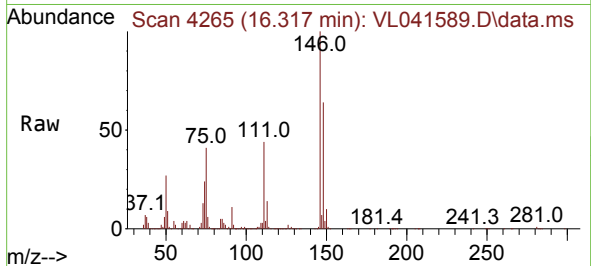




#75
1,3-Dichlorobenzene
Concen: 9.383 ppbv
RT: 16.317 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

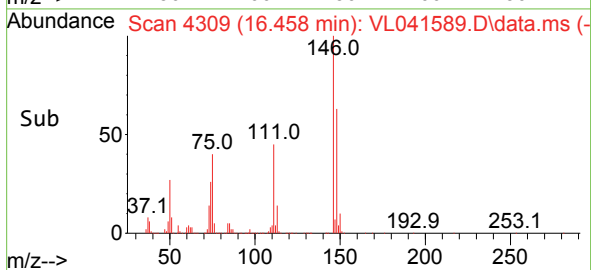
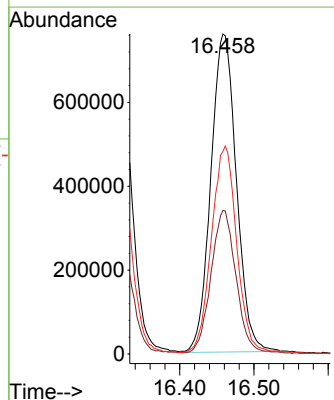
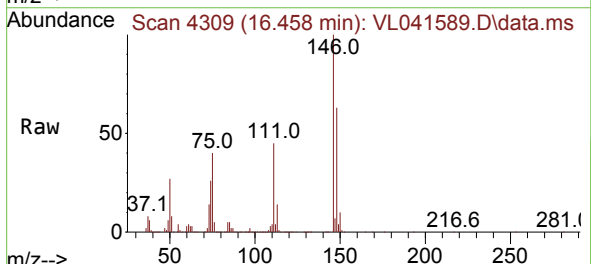
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

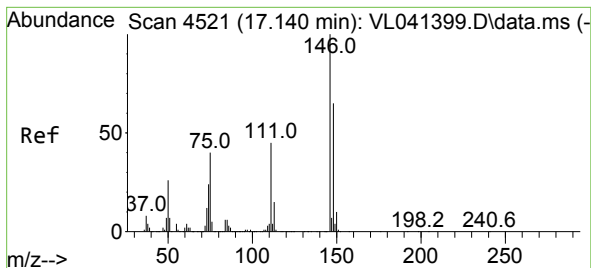
Tgt Ion:146 Resp: 1877791
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 64.3 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 9.361 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.000 min
Lab File: VL041589.D
Acq: 22 Aug 2024 16:37

Tgt Ion:146 Resp: 1813964
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 65.7 33.1 99.5





#77

1,2-Dichlorobenzene

Concen: 9.572 ppbv

RT: 17.130 min Scan# 4518

Delta R.T. 0.003 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

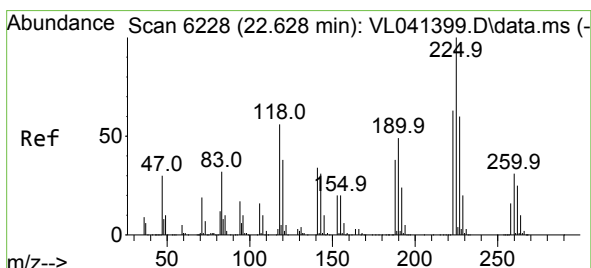
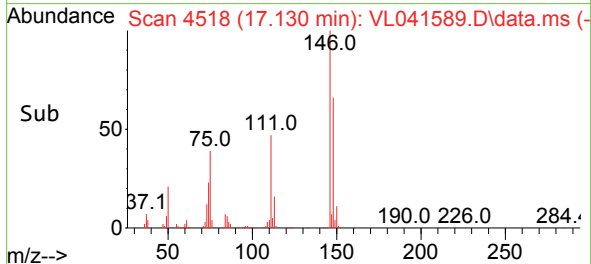
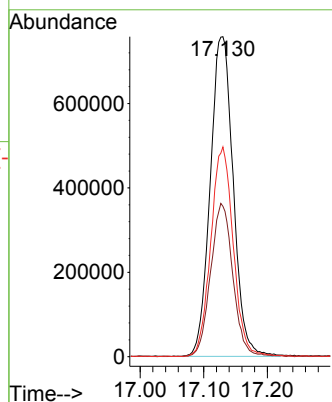
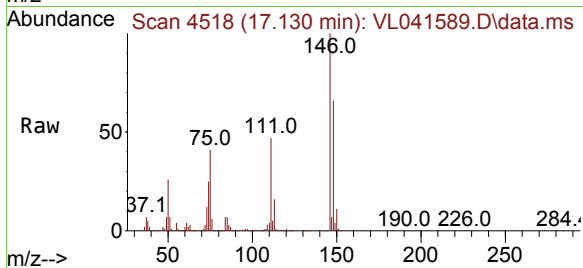
Tgt Ion:146 Resp: 1899169

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

148 64.1 32.2 96.6



#78

Hexachloro-1,3-Butadiene

Concen: 8.822 ppbv

RT: 22.615 min Scan# 6224

Delta R.T. -0.007 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

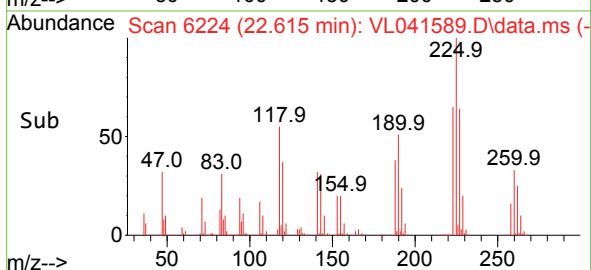
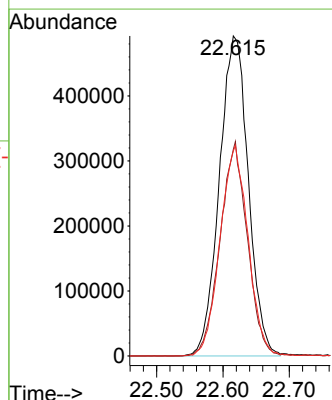
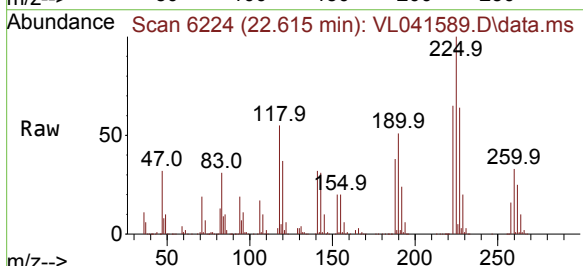
Tgt Ion:225 Resp: 1492560

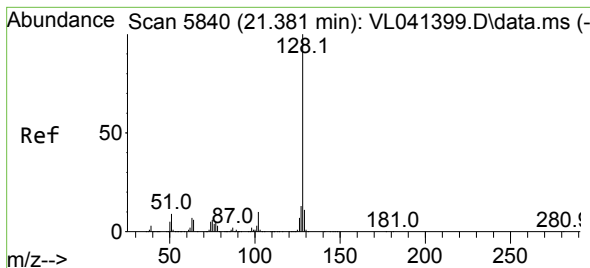
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 64.0 50.8 76.2





#79

Naphthalene

Concen: 11.714 ppbv

RT: 21.368 min Scan# 5836

Delta R.T. -0.000 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

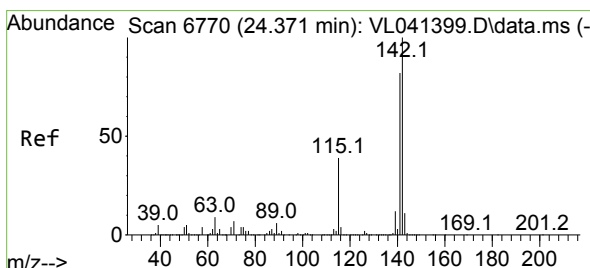
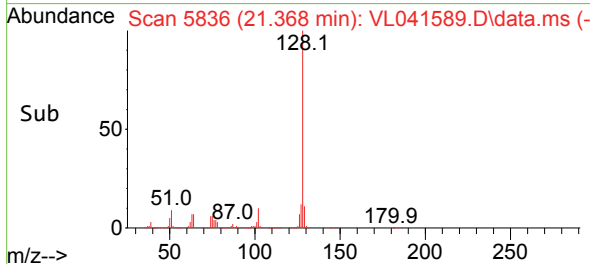
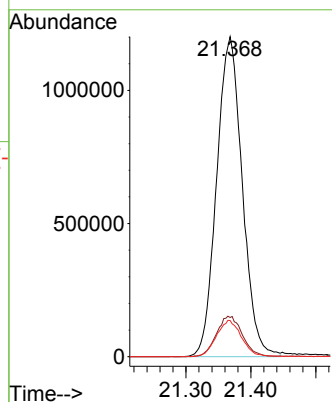
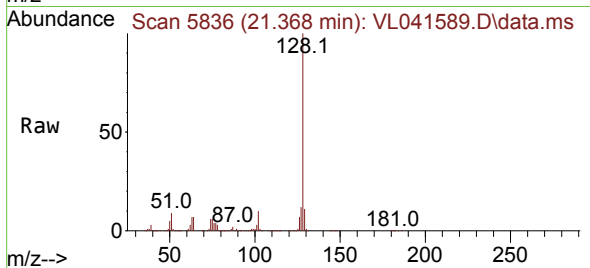
Tgt Ion:128 Resp: 3291851

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 11.3 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 6.342 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.007 min

Lab File: VL041589.D

Acq: 22 Aug 2024 16:37

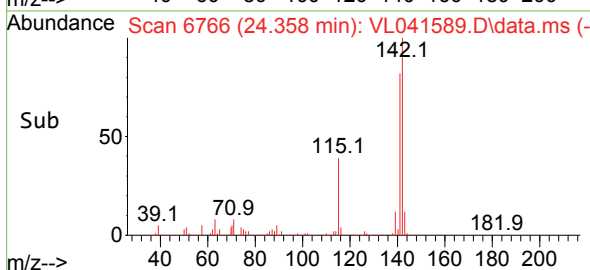
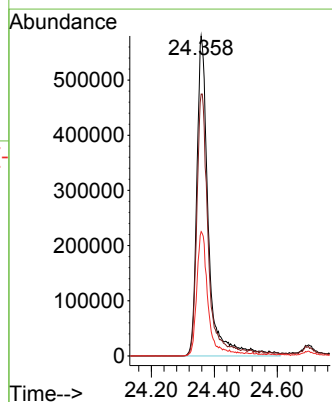
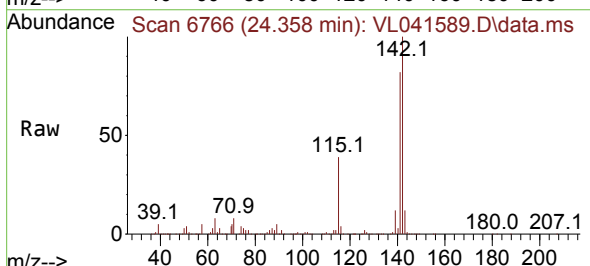
Tgt Ion:142 Resp: 1493871

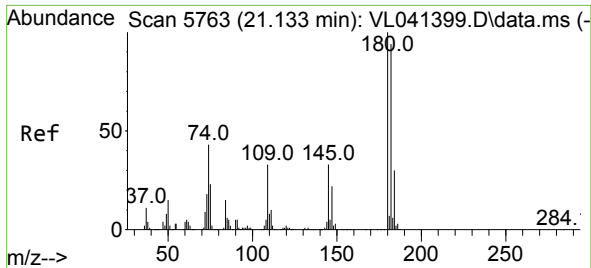
Ion Ratio Lower Upper

142 100

141 81.7 67.0 100.4

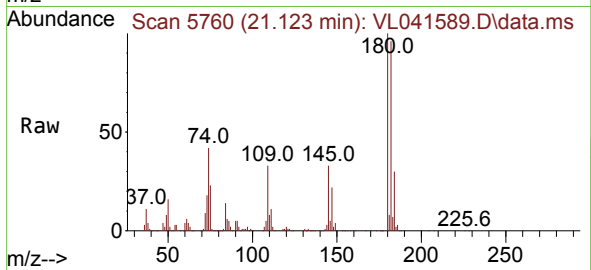
115 38.1 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.162 ppbv
 RT: 21.123 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041589.D
 Acq: 22 Aug 2024 16:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1699381

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.7	115.1
184	30.7	24.5	36.7

