

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041305.D
 Acq On : 4 Jun 2024 13:49
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL060424

Quant Time: Jun 05 06:37:09 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Wed Jun 05 04:42:10 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1015400	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2631997	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2561904	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.770	95	1971809	9.969	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1421851	8.769	ppbv	99
3) Chlorodifluoromethane	2.700	51	1448097	9.024	ppbv	99
4) Chloromethane	2.838	50	547628	9.067	ppbv	99
5) Vinyl Chloride	2.944	62	574956	9.450	ppbv	99
6) Bromomethane	3.140	94	174584	8.070	ppbv	95
7) Chloroethane	3.218	64	197192	9.413	ppbv	100
8) Dichlorotetrafluoroethane	2.880	85	1360663	9.124	ppbv	99
9) Propene	2.719	41	508912	8.904	ppbv	98
10) Heptane	7.584	43	1273231	9.399	ppbv	99
11) Trichlorofluoromethane	3.581	101	1364364	9.153	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.082	101	973152	9.243	ppbv	99
13) Ethanol	3.259	45	113174	7.611	ppbv	91
14) Bromoethene	3.385	108	396818	9.312	ppbv	97
15) Acetone	3.488	43	1039582	8.967	ppbv	100
16) 1,3-Butadiene	3.009	39	559190	9.595	ppbv	98
17) tert-Butyl alcohol	3.893	59	1061332	9.943	ppbv	99
18) 1,1-Dichloroethene	3.896	96	434548	9.675	ppbv	94
19) Isopropyl Alcohol	3.591	45	761438	10.454	ppbv	100
20) Methylene Chloride	3.947	84	356452	8.459	ppbv	96
21) Allyl Chloride	4.012	41	694244	9.452	ppbv	100
22) trans-1,2-Dichloroethene	4.459	96	446755	9.545	ppbv	92
23) Vinyl Acetate	4.639	43	1223957	10.323	ppbv	99
24) 1,1-Dichloroethane	4.578	63	962576	9.229	ppbv	100
25) Ethyl Acetate	5.214	43	2135121	9.309	ppbv	99
26) Hexane	5.224	57	928772	9.005	ppbv	99
27) Carbon Disulfide	4.140	76	1151011	10.075	ppbv	99
28) Methyl tert-Butyl Ether	4.597	73	713582	9.335	ppbv	100
29) Chloroform	5.285	83	1450560	9.167	ppbv	100
30) Cyclohexane	6.606	84	782017	9.354	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	930400	9.546	ppbv	97
32) 1,1,1-Trichloroethane	6.012	97	1441315	9.616	ppbv	100
34) 2-Butanone	4.800	43	1300088	10.311	ppbv	100
35) Carbon Tetrachloride	6.500	117	1447189	9.674	ppbv	98
36) Benzene	6.378	78	1962676	9.621	ppbv	97
37) 1,2-Dichloroethane	5.816	62	1143570	9.615	ppbv	100
38) Trichloroethene	7.295	130	761534	9.211	ppbv	97
39) 1,2-Dichloropropane	7.079	63	758697	9.340	ppbv	98
40) 1,4-Dioxane	7.291	88	287404	9.661	ppbv #	1
41) Tetrahydrofuran	5.565	42	828663	10.100	ppbv	99
42) Bromodichloromethane	7.253	83	1633077	9.560	ppbv	98
43) Methyl Methacrylate	7.478	69	801217	10.308	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3296936	9.397	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	510433	9.732	ppbv	97

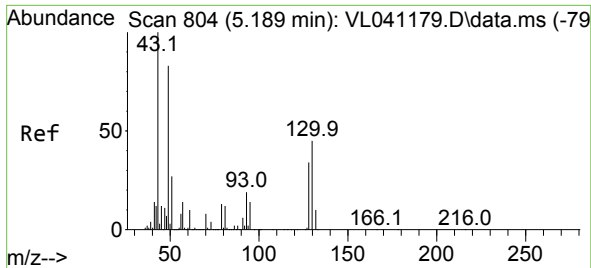
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
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Quant Time: Jun 05 06:37:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	643696	9.534	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	814471	9.595	ppbv	96
48) Dibromochloromethane	9.709	129	1375187	9.830	ppbv	100
49) Bromoform	12.404	173	1145558	10.161	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2050428	9.824	ppbv	99
51) 2-Hexanone	9.549	43	1511786	10.190	ppbv #	100
52) Tetrachloroethene	10.613	164	702946	9.449	ppbv	97
53) Toluene	9.221	91	2311268	9.850	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1075862	9.722	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	996773	9.199	ppbv	98
57) Chlorobenzene	11.523	112	1730359	9.093	ppbv	98
58) Ethyl Benzene	12.085	91	3105379	9.456	ppbv	96
59) m/p-Xylene	12.368	91	2730642	9.705	ppbv #	37
60) o-Xylene	13.056	91	2478605	9.241	ppbv	99
61) Styrene	12.896	104	1320394	10.041	ppbv	100
62) Isopropylbenzene	14.027	105	3706746	9.138	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	1751798	9.180	ppbv	100
64) n-propylbenzene	14.912	120	967525	9.254	ppbv	96
65) tert-Butylbenzene	16.085	119	3271756	9.072	ppbv	99
66) Benzyl Chloride	16.323	91	156253	6.585	ppbv #	95
67) sec-Butylbenzene	16.629	105	4669149	9.165	ppbv	100
69) p-Isopropyltoluene	16.989	119	3899363	9.287	ppbv	100
70) n-Butylbenzene	17.883	91	4114745	9.446	ppbv	100
71) 2-Chlorotoluene	14.796	91	2848803	9.176	ppbv	98
72) 4-Ethyltoluene	15.188	105	2916868	9.334	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2606164	9.609	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	2843405	9.270	ppbv	93
75) 1,3-Dichlorobenzene	16.326	146	1702142	9.453	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1674665	9.308	ppbv	100
77) 1,2-Dichlorobenzene	17.137	146	1672328	9.278	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1222869	8.278	ppbv	99
79) Naphthalene	21.374	128	2993179	11.246	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	1029946	11.459	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1434830	9.668	ppbv #	99

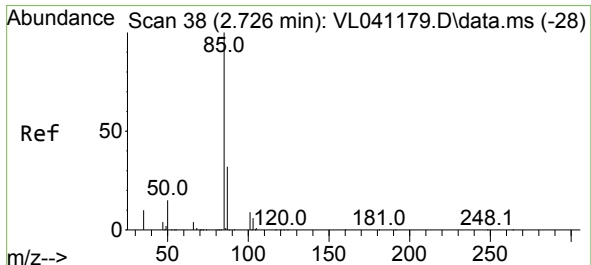
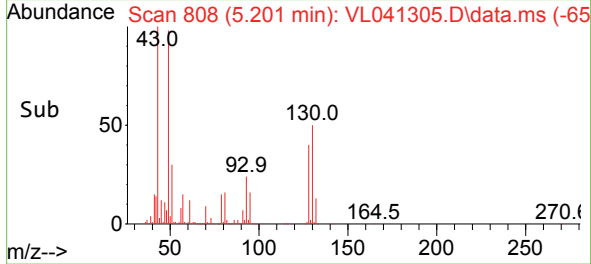
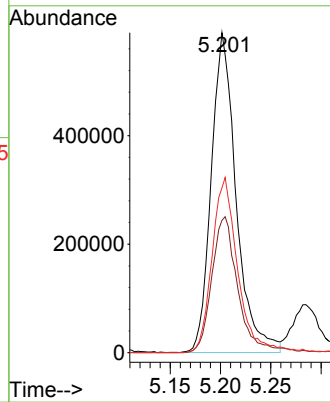
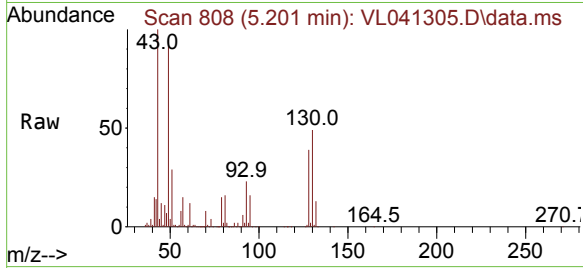
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. -0.004 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

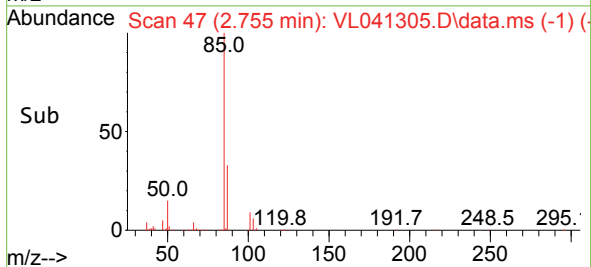
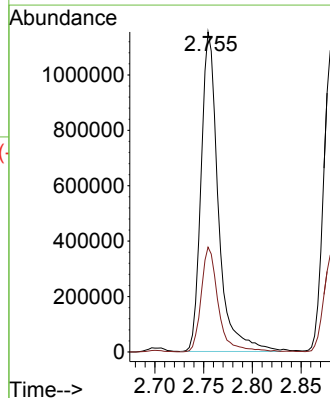
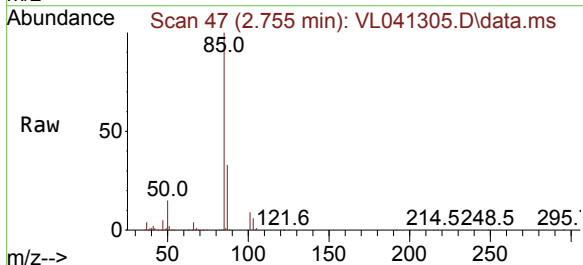
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060424

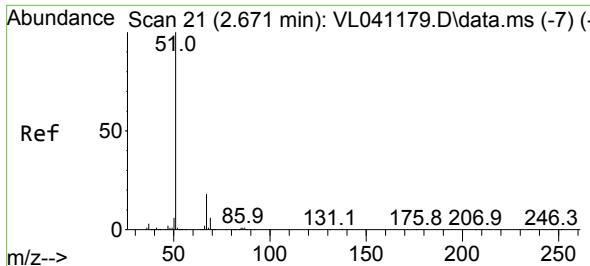
Tgt Ion: 49 Resp: 1015400
 Ion Ratio Lower Upper
 49 100
 128 45.7 22.8 68.3
 130 57.7 28.4 85.3



#2
 Dichlorodifluoromethane
 Concen: 8.769 ppbv
 RT: 2.755 min Scan# 47
 Delta R.T. -0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Tgt Ion: 85 Resp: 1421851
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.5 39.7

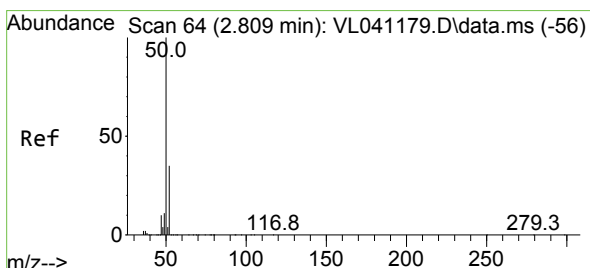
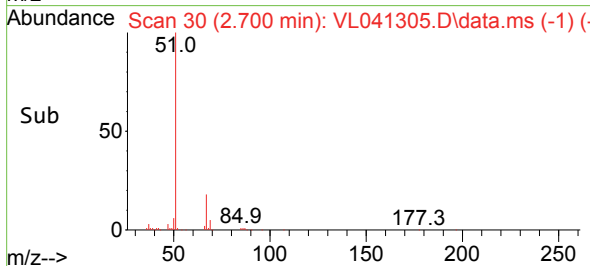
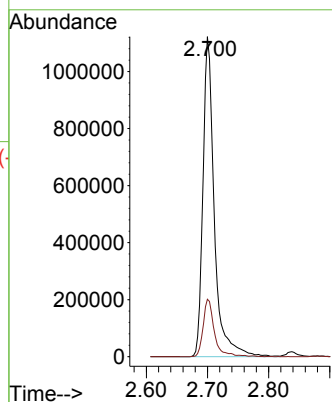
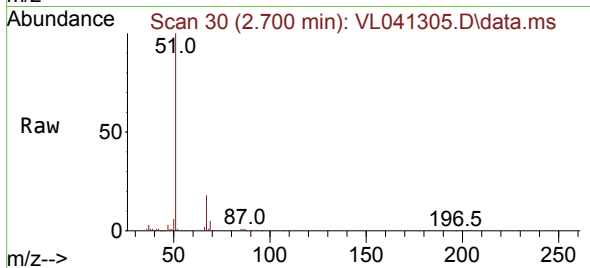




#3
Chlorodifluoromethane
Concen: 9.024 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

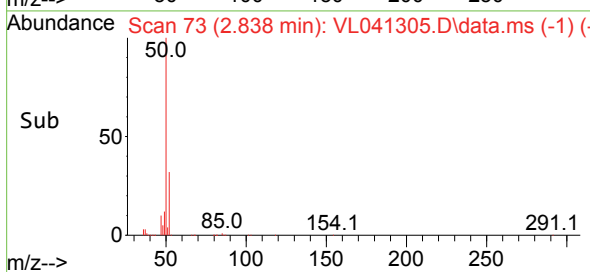
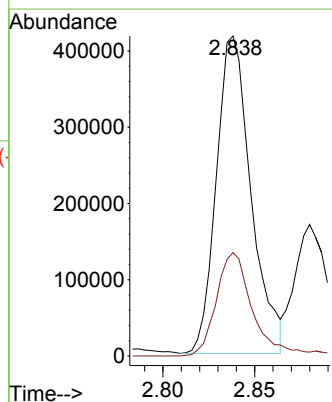
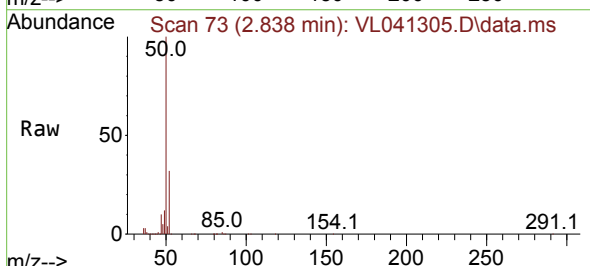
Instrument :
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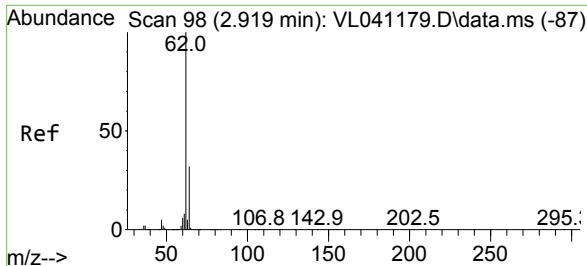
Tgt Ion: 51 Resp: 1448097
Ion Ratio Lower Upper
51 100
67 18.0 14.7 22.1



#4
Chloromethane
Concen: 9.067 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 50 Resp: 547628
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4

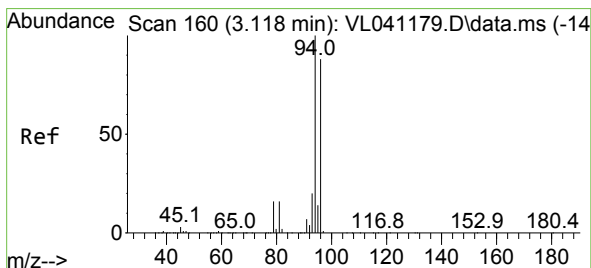
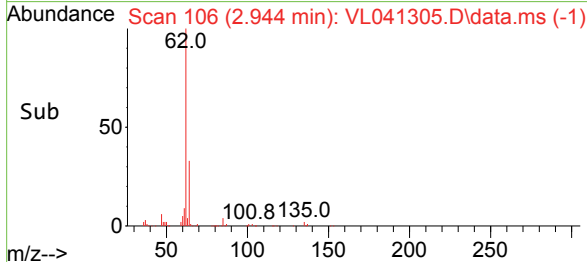
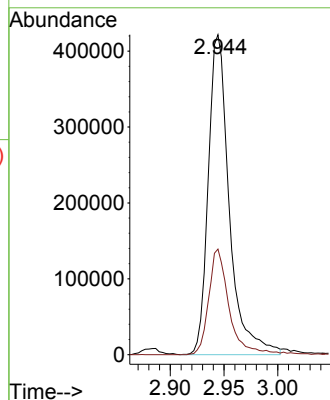
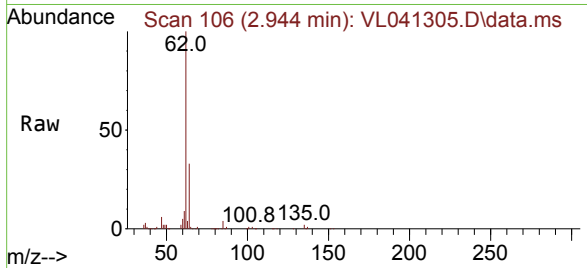




#5
 Vinyl Chloride
 Concen: 9.450 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. -0.000 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

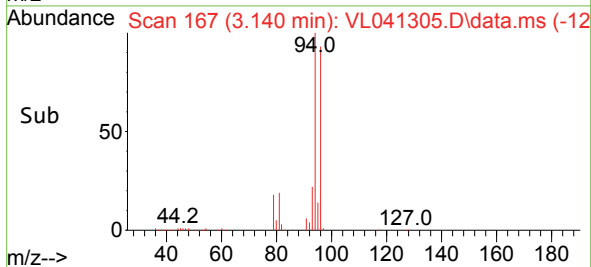
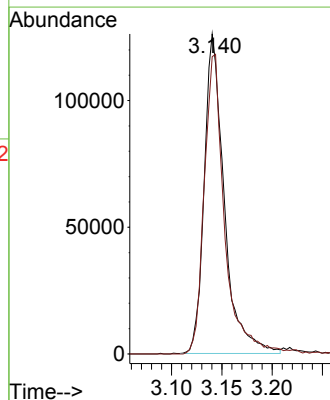
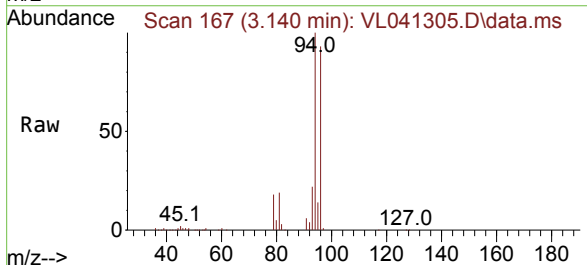
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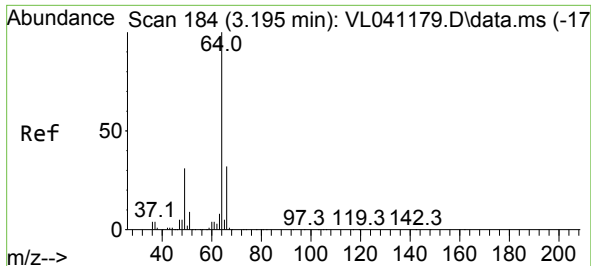
Tgt Ion: 62 Resp: 574956
 Ion Ratio Lower Upper
 62 100
 64 33.0 26.6 40.0



#6
 Bromomethane
 Concen: 8.070 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. -0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Tgt Ion: 94 Resp: 174584
 Ion Ratio Lower Upper
 94 100
 96 93.1 78.6 117.8

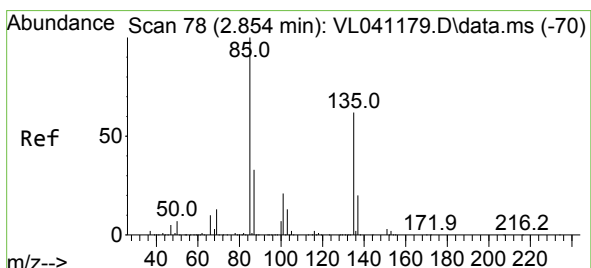
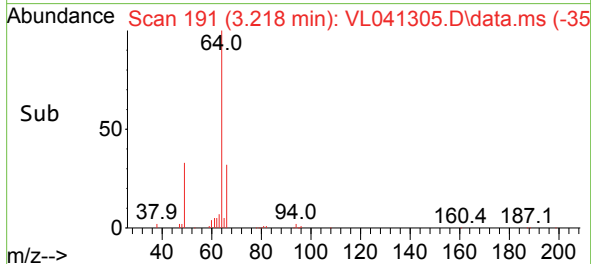
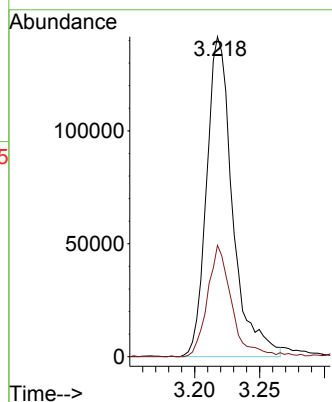
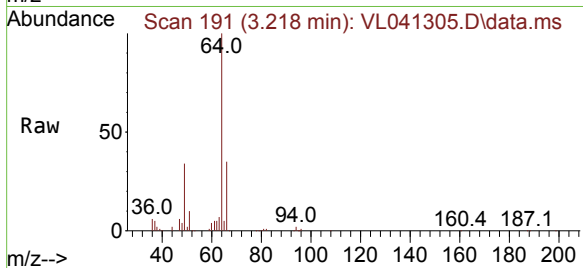




#7
Chloroethane
Concen: 9.413 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

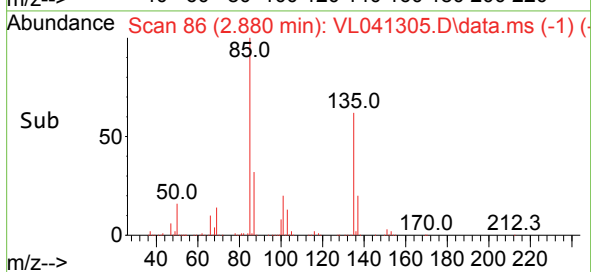
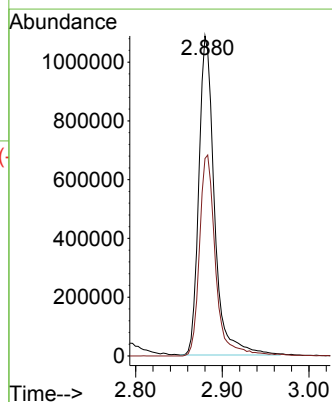
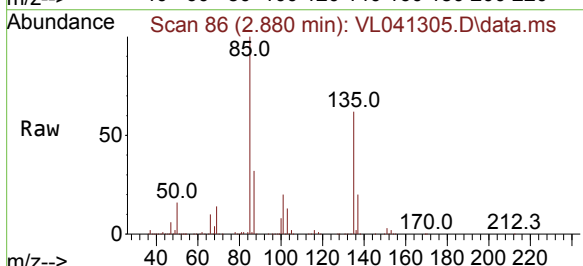
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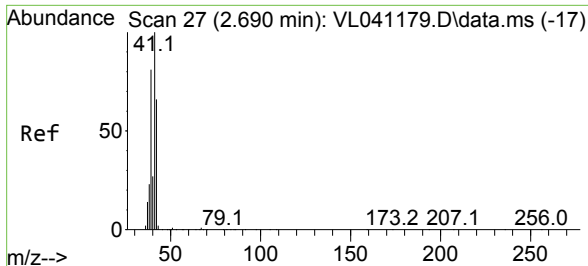
Tgt Ion: 64 Resp: 197192
Ion Ratio Lower Upper
64 100
66 34.8 28.1 42.1



#8
Dichlorotetrafluoroethane
Concen: 9.124 ppbv
RT: 2.880 min Scan# 86
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 85 Resp: 1360663
Ion Ratio Lower Upper
85 100
135 65.5 51.7 77.5

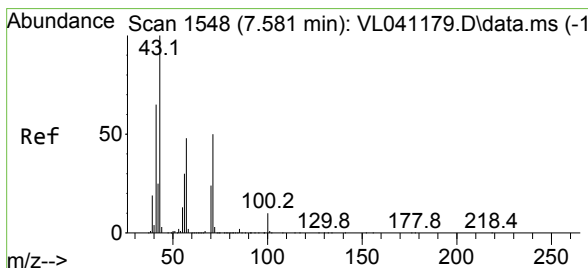
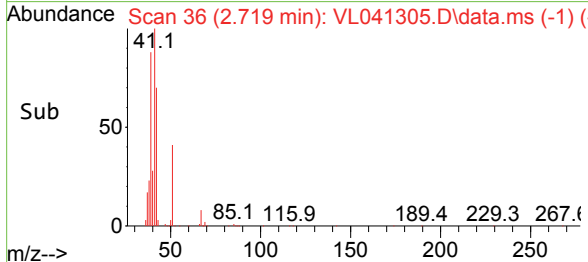
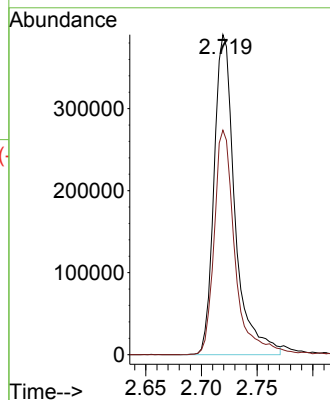
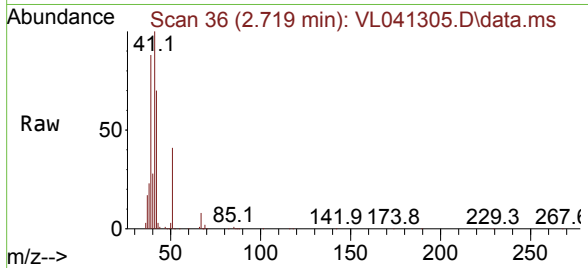




#9
 Propene
 Concen: 8.904 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

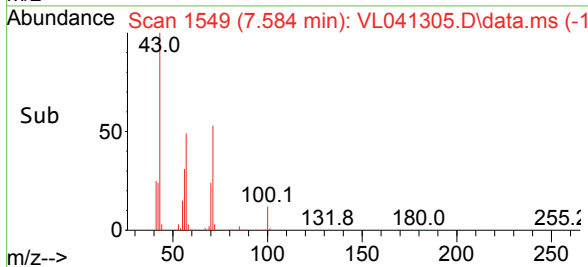
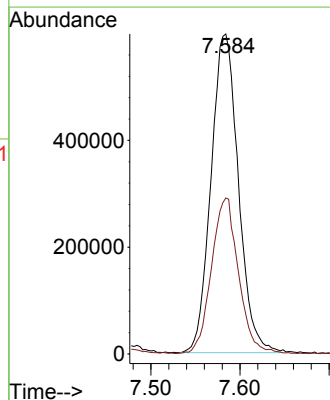
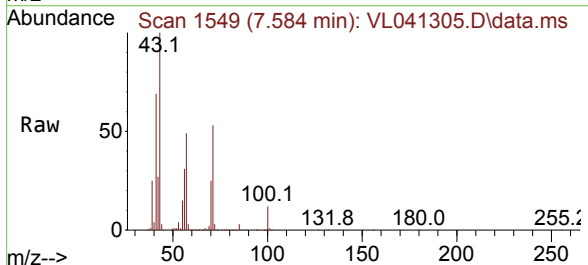
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060424

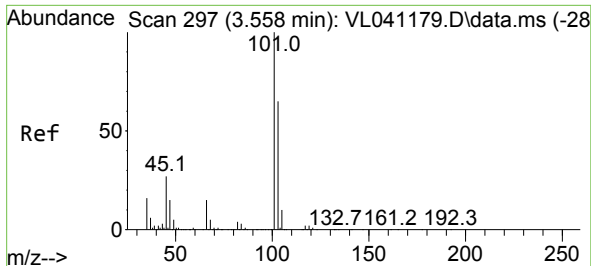
Tgt Ion: 41 Resp: 508912
 Ion Ratio Lower Upper
 41 100
 42 70.8 55.2 82.8



#10
 Heptane
 Concen: 9.399 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Tgt Ion: 43 Resp: 1273231
 Ion Ratio Lower Upper
 43 100
 57 48.2 39.0 58.4

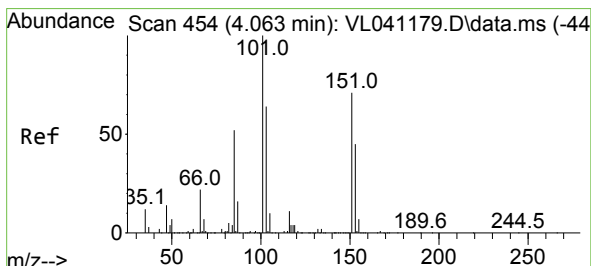
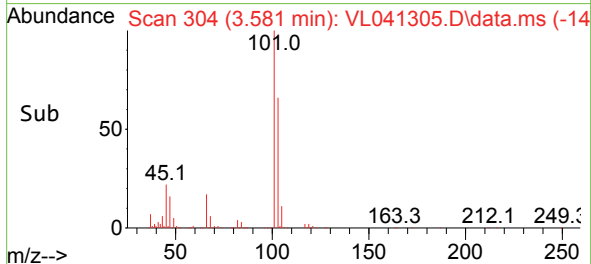
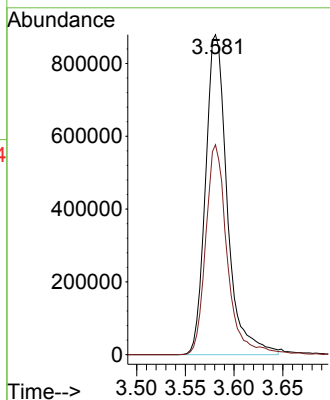
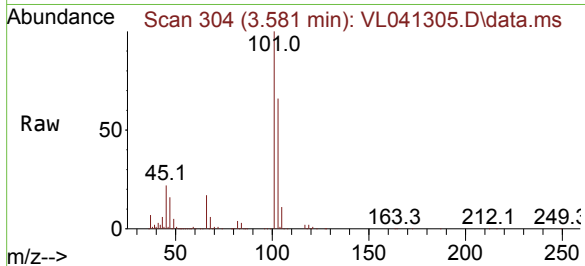




#11
 Trichlorofluoromethane
 Concen: 9.153 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. -0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

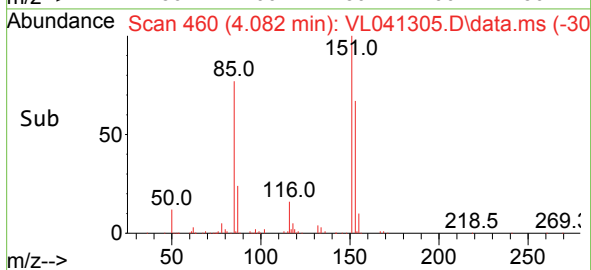
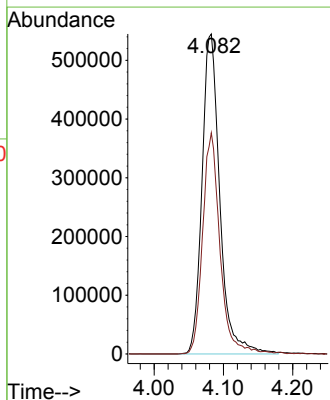
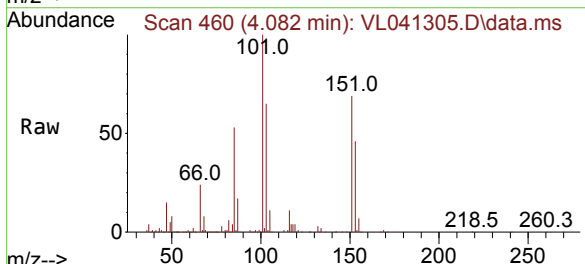
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060424

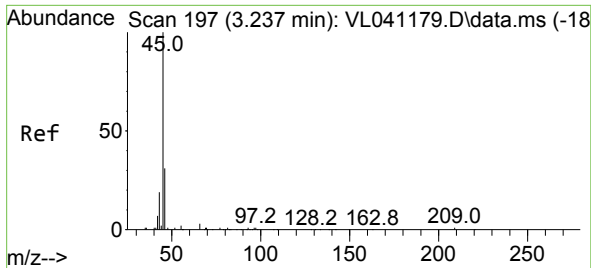
Tgt Ion:101 Resp: 1364364
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.243 ppbv
 RT: 4.082 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Tgt Ion:101 Resp: 973152
 Ion Ratio Lower Upper
 101 100
 151 67.6 54.8 82.2

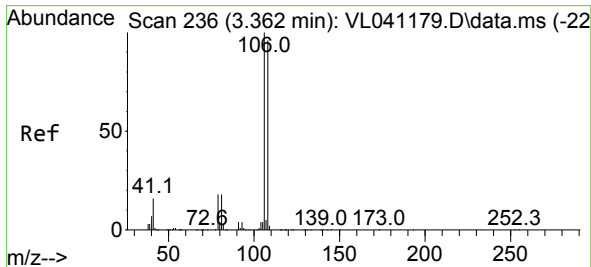
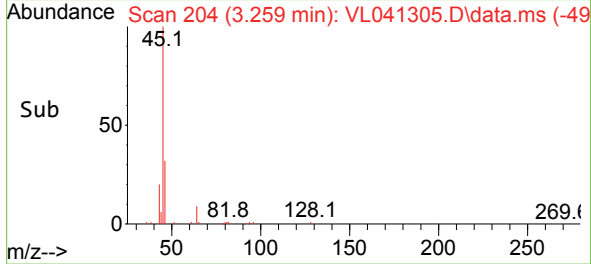
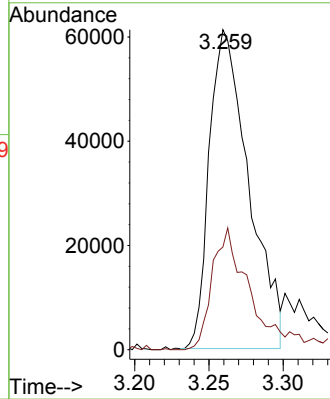
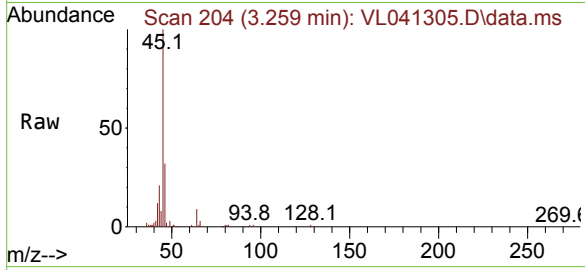




#13
Ethanol
Concen: 7.611 ppbv
RT: 3.259 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

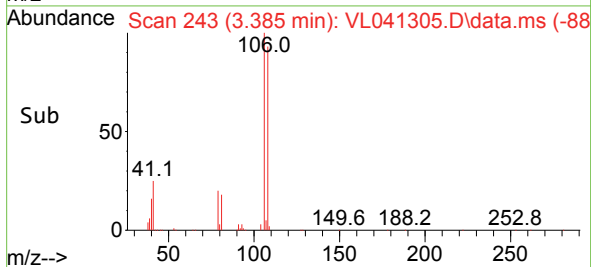
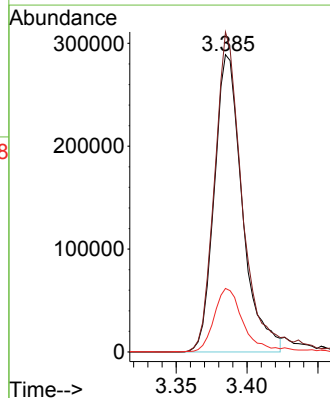
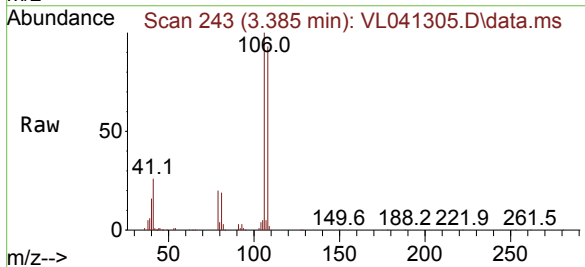
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

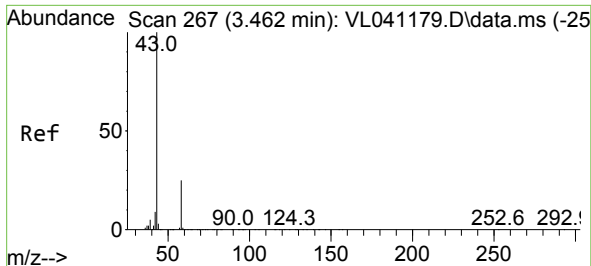
Tgt Ion: 45 Resp: 113174
Ion Ratio Lower Upper
45 100
46 40.6 14.2 56.6



#14
Bromoethene
Concen: 9.312 ppbv
RT: 3.385 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion:108 Resp: 396818
Ion Ratio Lower Upper
108 100
106 110.0 85.4 128.0
79 23.5 17.8 26.8

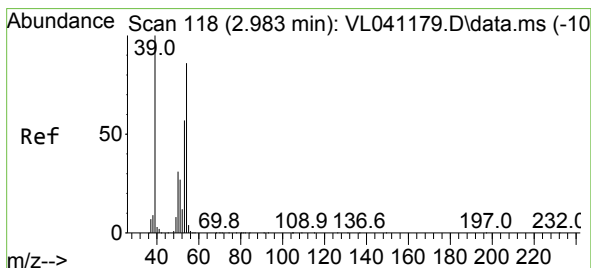
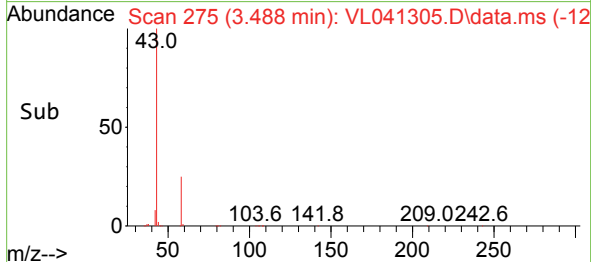
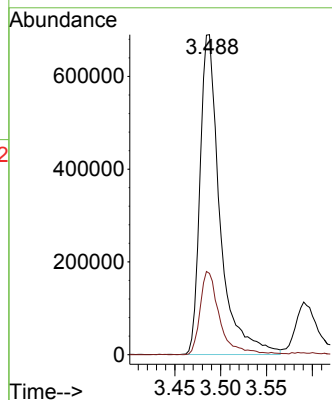
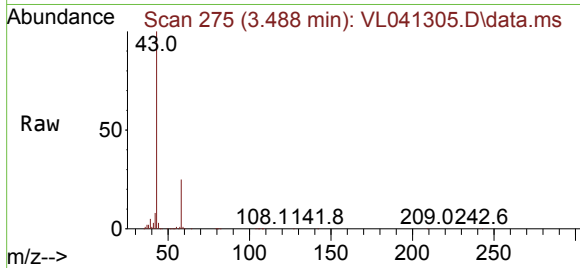




#15
Acetone
Concen: 8.967 ppbv
RT: 3.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

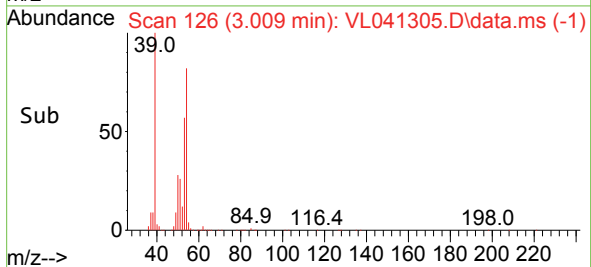
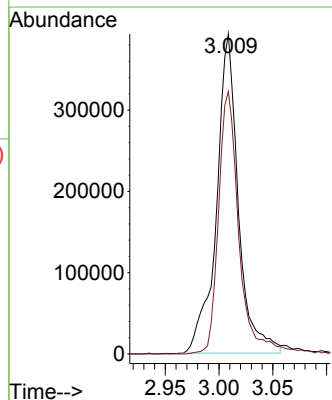
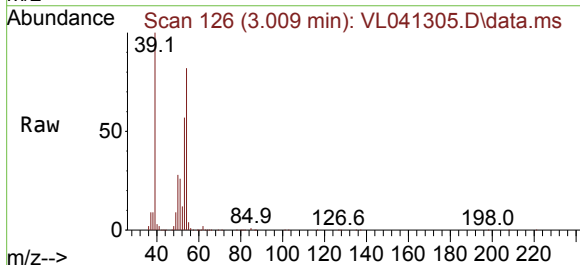
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

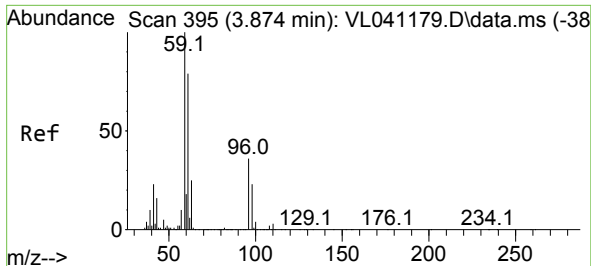
Tgt Ion: 43 Resp: 1039582
Ion Ratio Lower Upper
43 100
58 25.9 20.6 31.0



#16
1,3-Butadiene
Concen: 9.595 ppbv
RT: 3.009 min Scan# 126
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 39 Resp: 559190
Ion Ratio Lower Upper
39 100
54 77.2 60.5 90.7

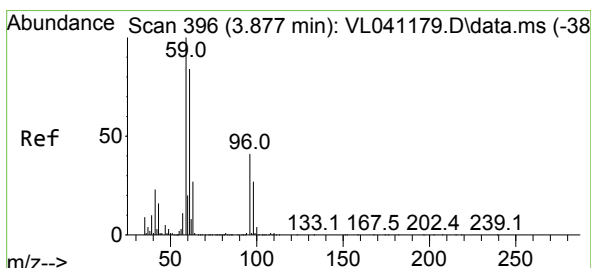
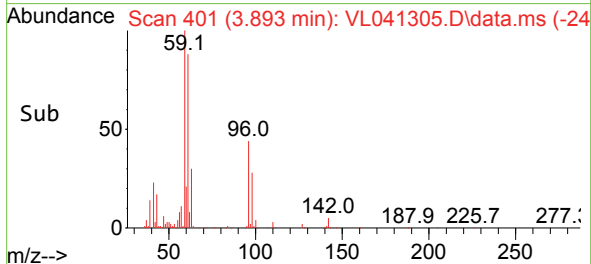
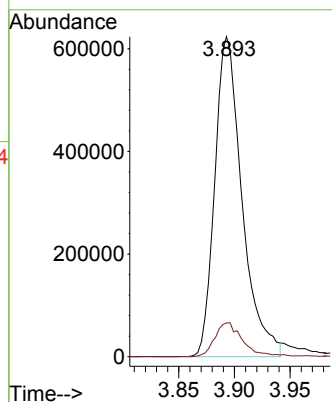
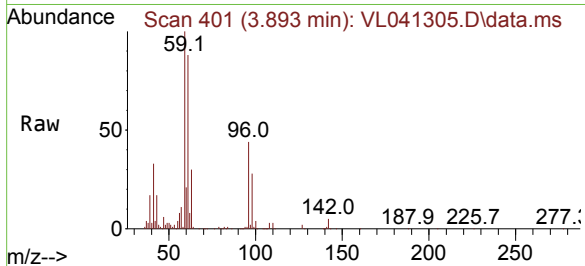




#17
tert-Butyl alcohol
Concen: 9.943 ppbv
RT: 3.893 min Scan# 401
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

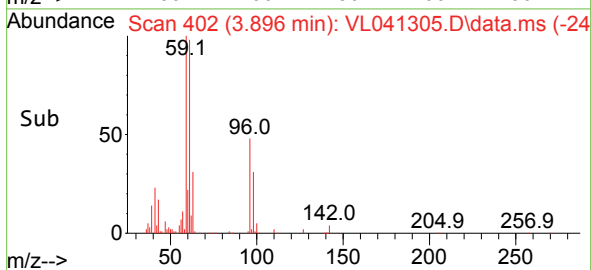
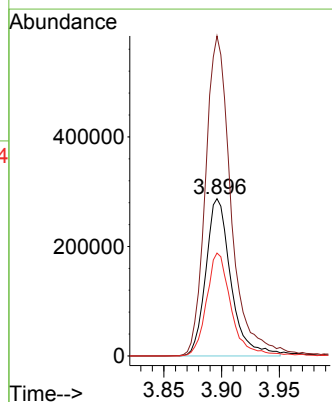
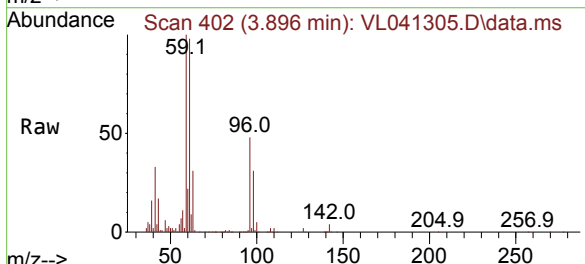
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

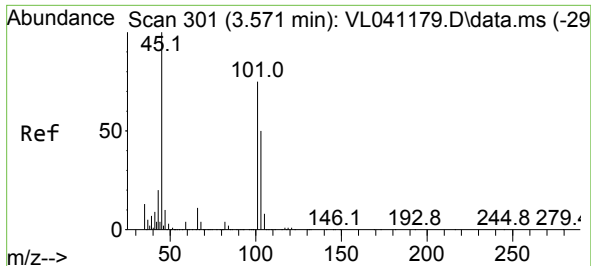
Tgt Ion: 59 Resp: 1061332
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4



#18
1,1-Dichloroethene
Concen: 9.675 ppbv
RT: 3.896 min Scan# 402
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 96 Resp: 434548
Ion Ratio Lower Upper
96 100
61 203.1 171.8 257.8
98 65.3 53.1 79.7

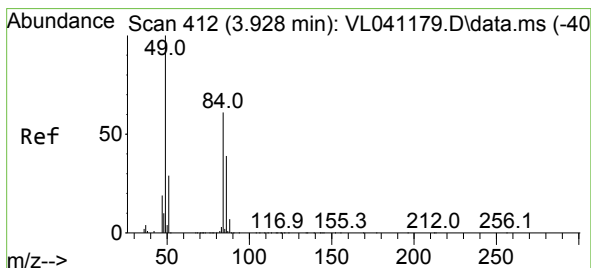
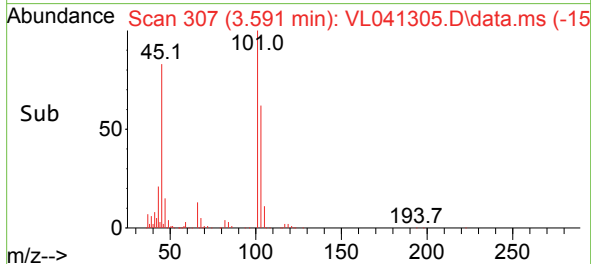
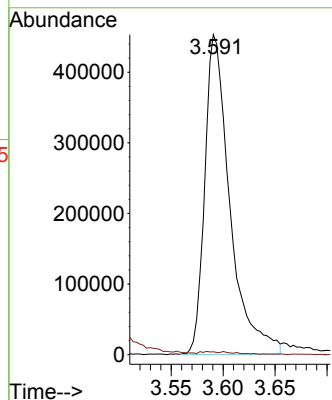
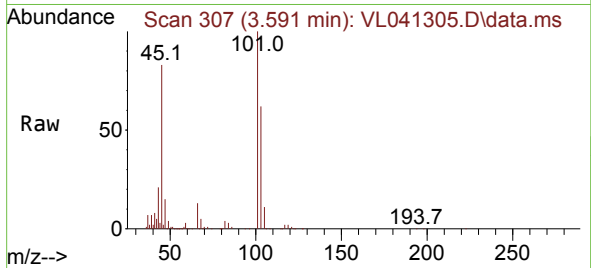




#19
Isopropyl Alcohol
Concen: 10.454 ppbv
RT: 3.591 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

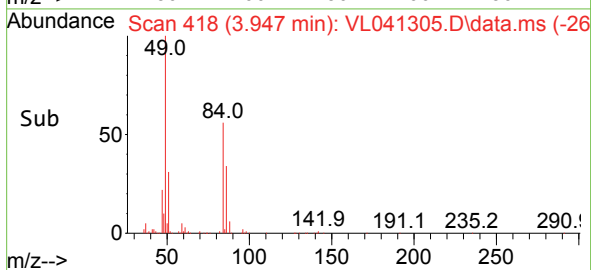
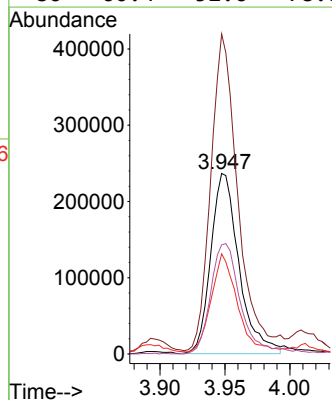
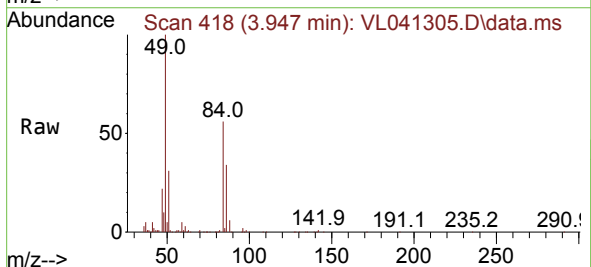
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

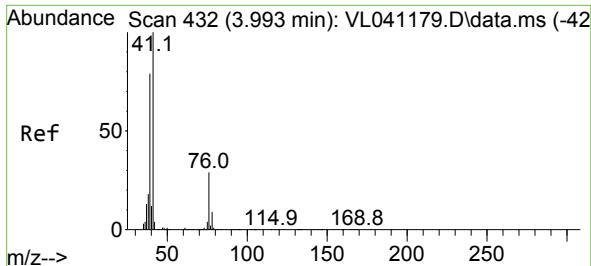
Tgt Ion: 45 Resp: 761438
Ion Ratio Lower Upper
45 100
58 1.6 1.4 2.2



#20
Methylene Chloride
Concen: 8.459 ppbv
RT: 3.947 min Scan# 418
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 84 Resp: 356452
Ion Ratio Lower Upper
84 100
49 175.4 136.2 204.2
51 54.3 41.9 62.9
86 60.4 52.6 78.8





#21

Allyl Chloride

Concen: 9.452 ppbv

RT: 4.012 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

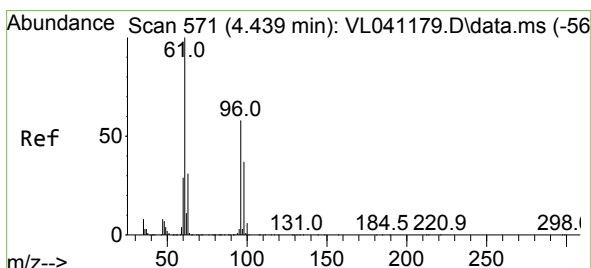
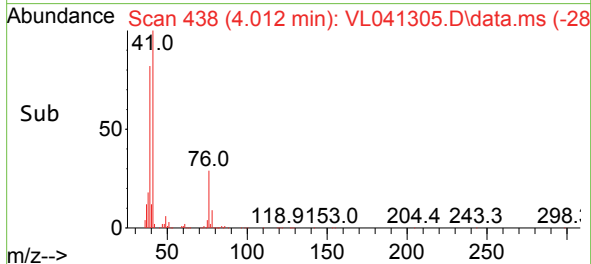
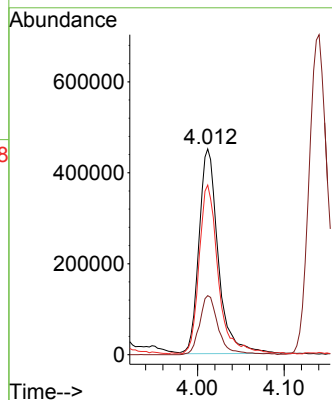
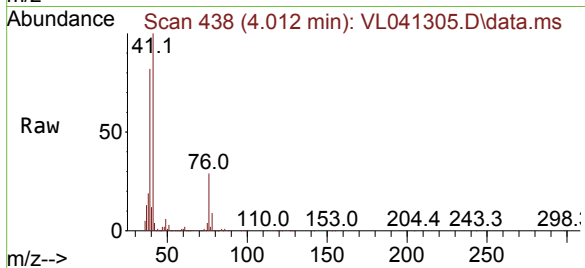
Tgt Ion: 41 Resp: 694244

Ion Ratio Lower Upper

41 100

76 28.3 22.3 33.5

39 82.7 66.3 99.5



#22

trans-1,2-Dichloroethene

Concen: 9.545 ppbv

RT: 4.459 min Scan# 577

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

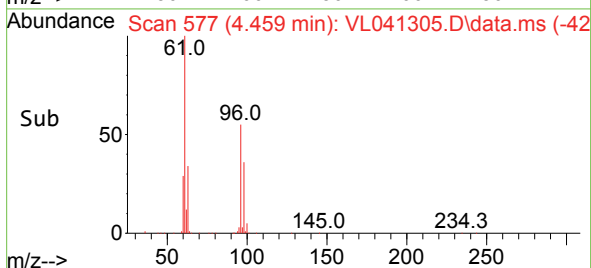
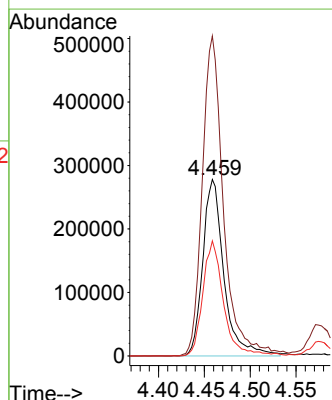
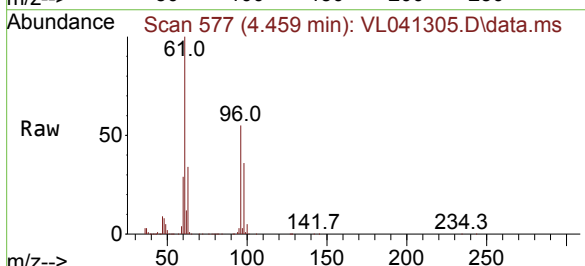
Tgt Ion: 96 Resp: 446755

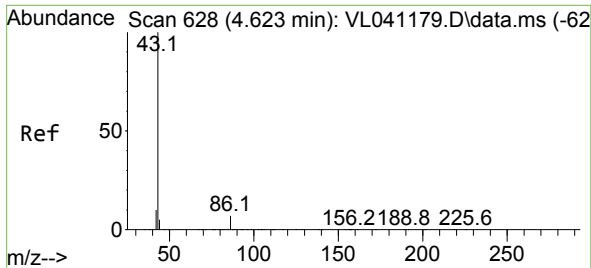
Ion Ratio Lower Upper

96 100

61 181.1 135.5 203.3

98 65.1 47.6 71.4



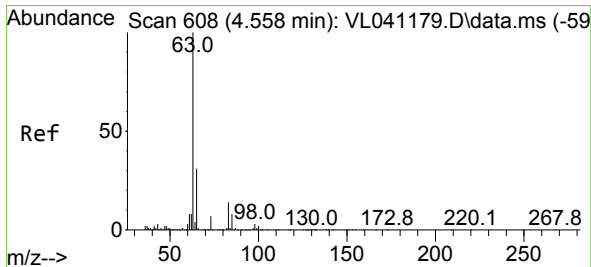
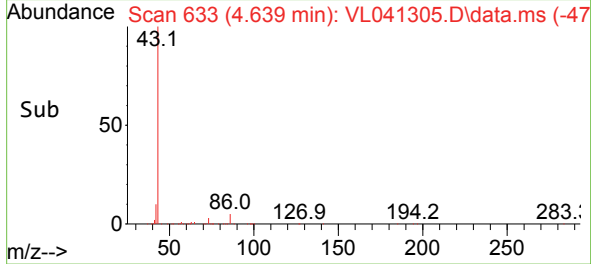
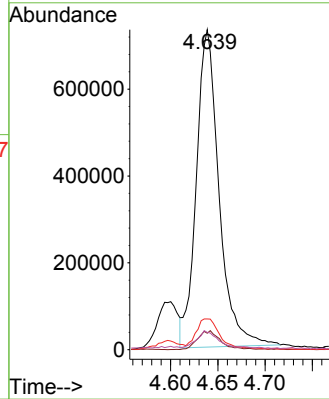
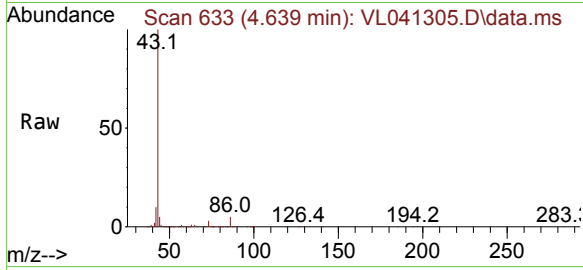


#23
Vinyl Acetate
Concen: 10.323 ppbv
RT: 4.639 min Scan# 614
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

Tgt Ion: 43 Resp: 1223957

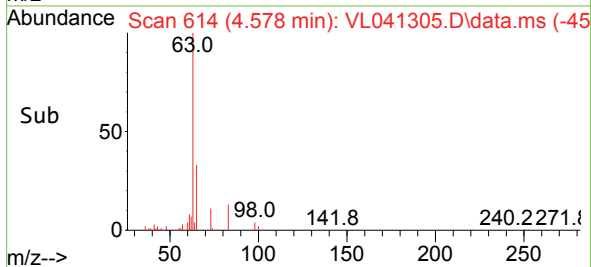
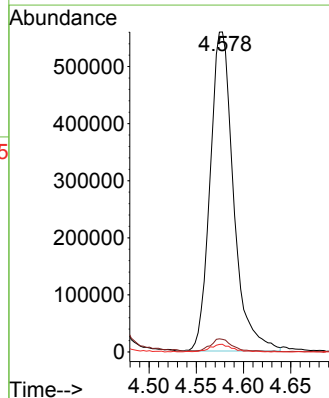
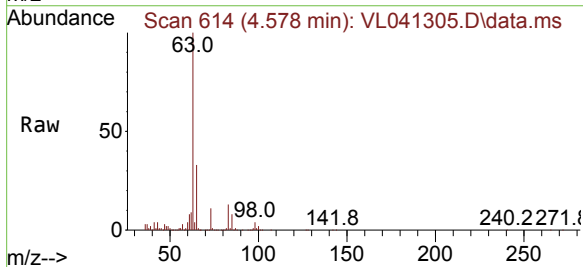
Ion	Ratio	Lower	Upper
43	100		
86	5.1	4.7	7.1
42	9.5	8.0	12.0
44	5.2	4.2	6.4

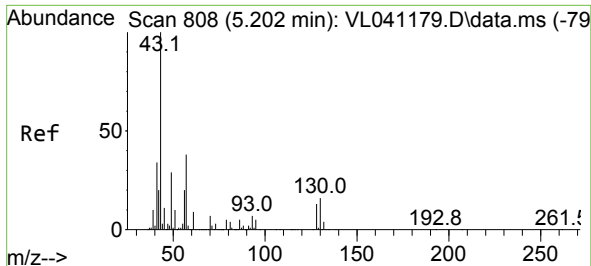


#24
1,1-Dichloroethane
Concen: 9.229 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 63 Resp: 962576

Ion	Ratio	Lower	Upper
63	100		
98	3.8	1.9	5.7
100	2.4	1.1	3.5



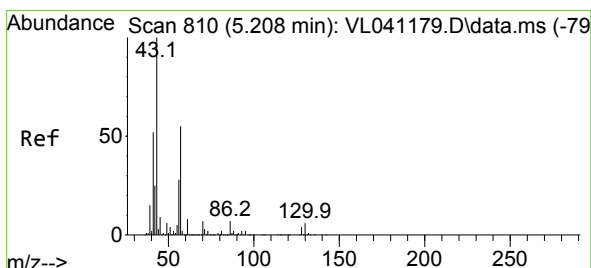
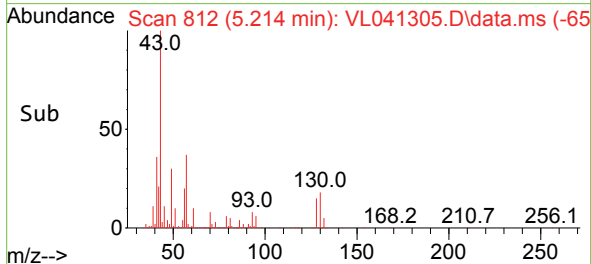
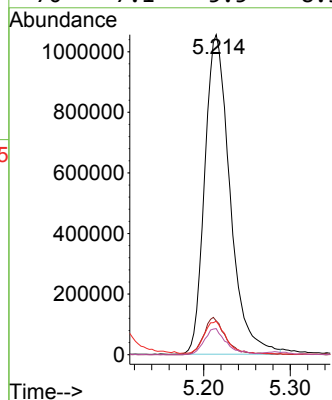
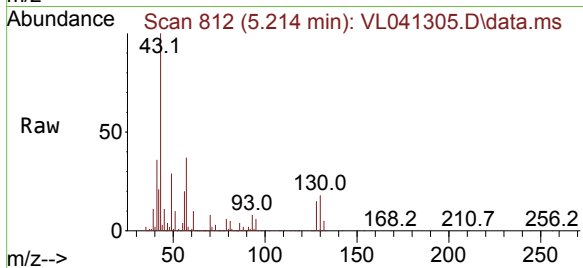


#25
Ethyl Acetate
Concen: 9.309 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

Tgt Ion: 43 Resp: 2135121

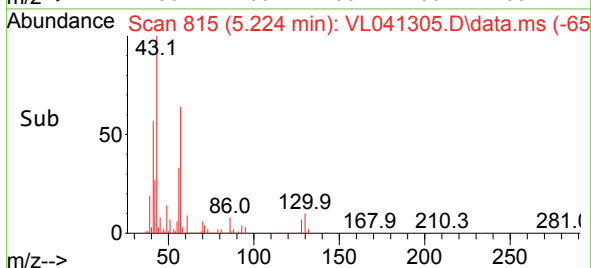
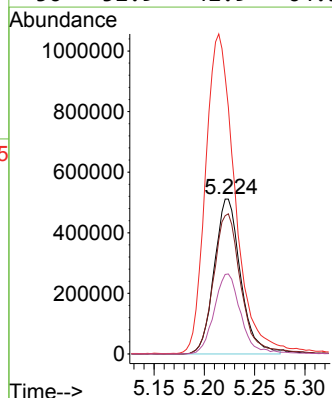
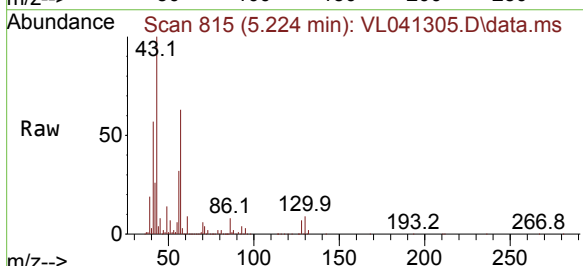
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.1	12.1
61	10.3	7.4	11.0
70	7.1	5.5	8.3

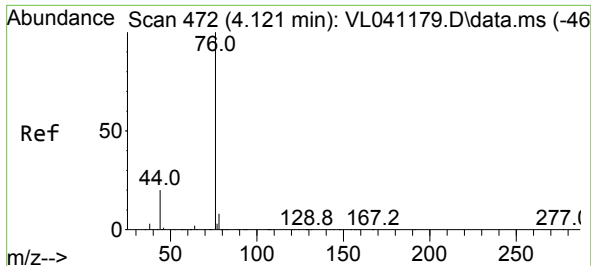


#26
Hexane
Concen: 9.005 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 57 Resp: 928772

Ion	Ratio	Lower	Upper
57	100		
41	94.7	77.1	115.7
43	234.4	186.1	279.1
56	52.9	42.9	64.3



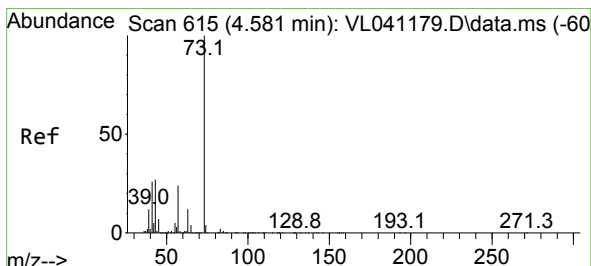
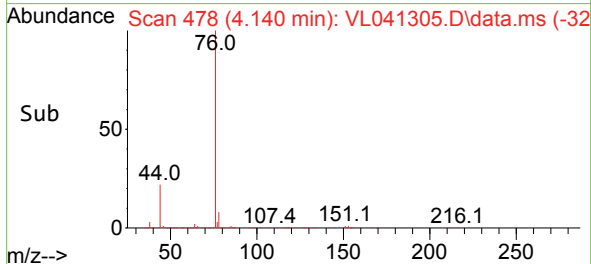
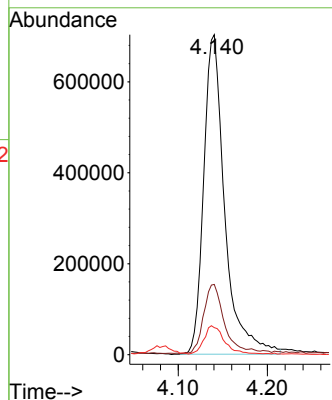
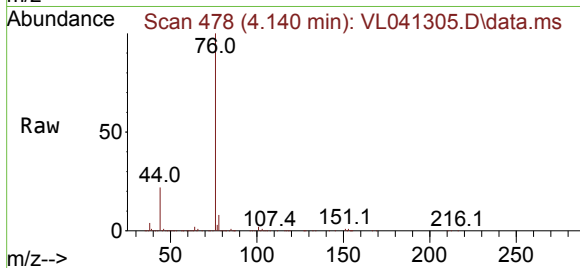


#27
Carbon Disulfide
Concen: 10.075 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

Tgt Ion: 76 Resp: 1151011

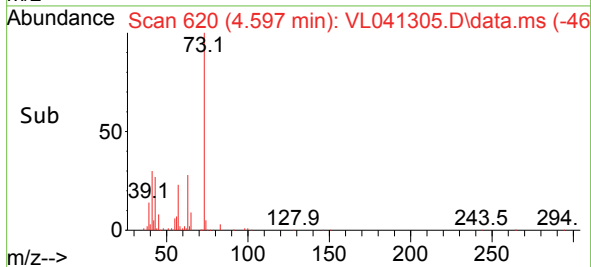
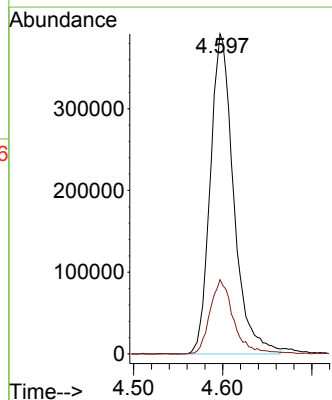
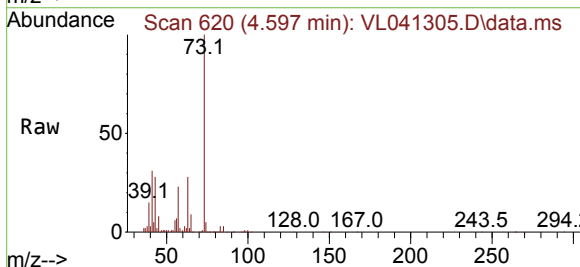
Ion	Ratio	Lower	Upper
76	100		
44	22.5	17.7	26.5
78	9.3	7.8	11.6

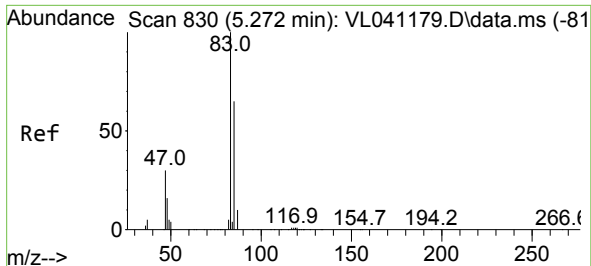


#28
Methyl tert-Butyl Ether
Concen: 9.335 ppbv
RT: 4.597 min Scan# 620
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 73 Resp: 713582

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.2	28.8

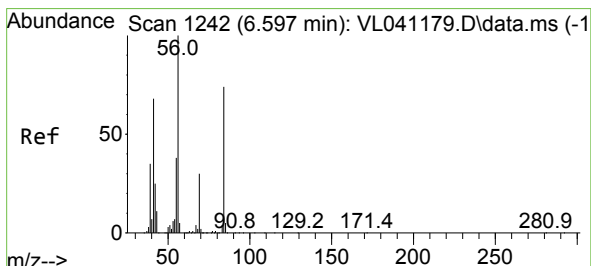
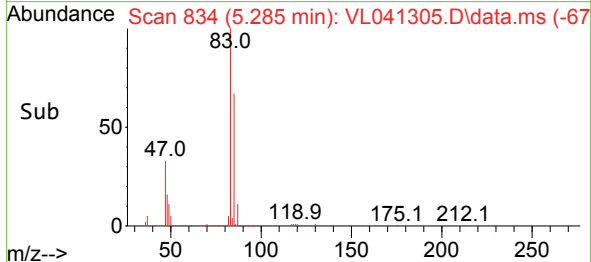
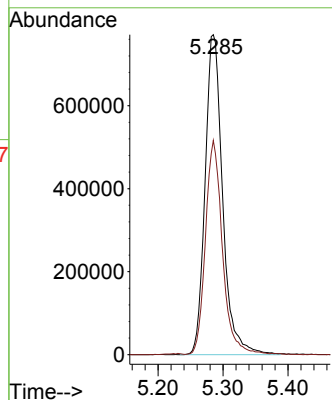
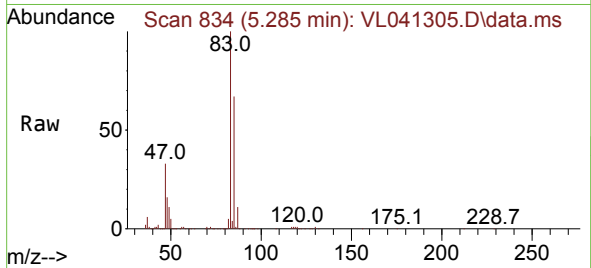




#29
Chloroform
Concen: 9.167 ppbv
RT: 5.285 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

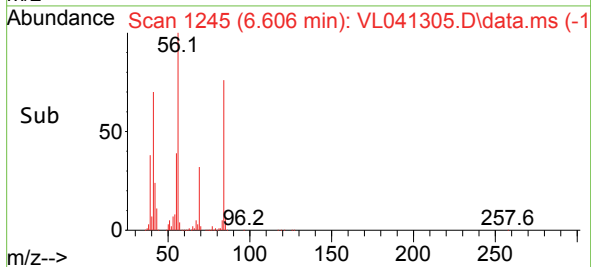
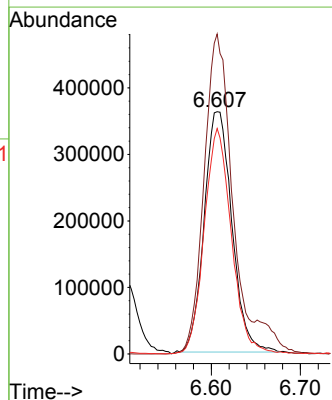
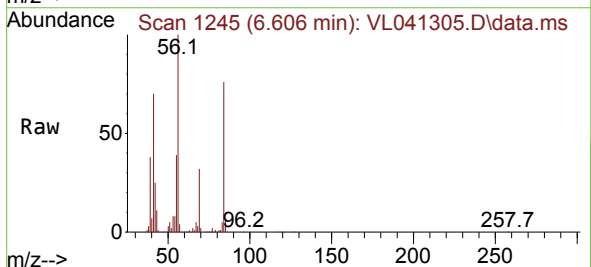
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

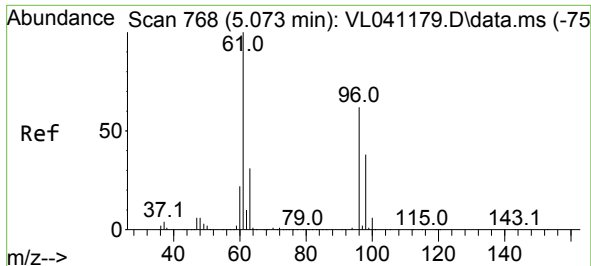
Tgt Ion: 83 Resp: 1450560
Ion Ratio Lower Upper
83 100
85 66.7 53.3 79.9



#30
Cyclohexane
Concen: 9.354 ppbv
RT: 6.606 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 84 Resp: 782017
Ion Ratio Lower Upper
84 100
56 141.5 114.9 172.3
41 91.9 74.4 111.6

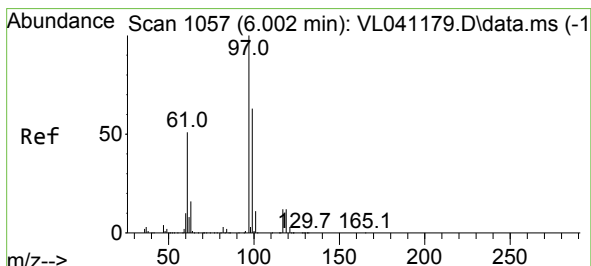
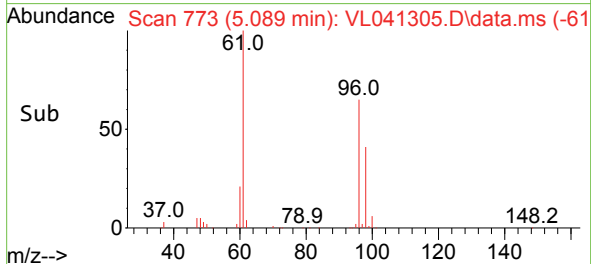
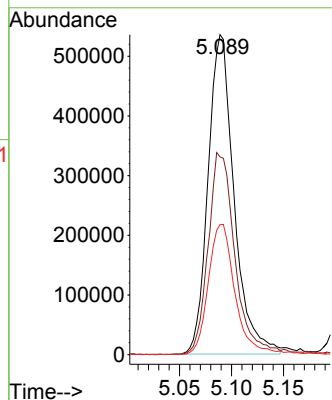
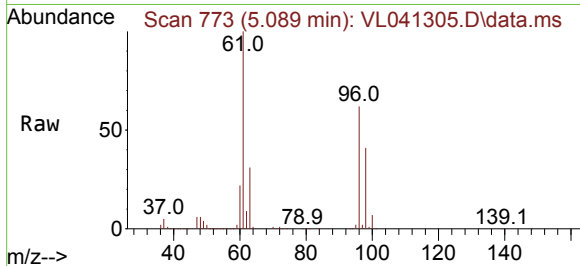




#31
 cis-1,2-Dichloroethene
 Concen: 9.546 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

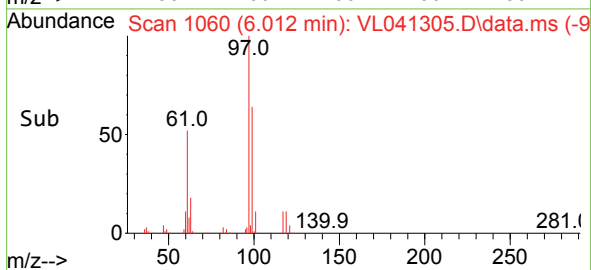
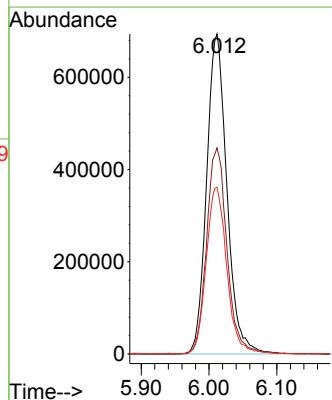
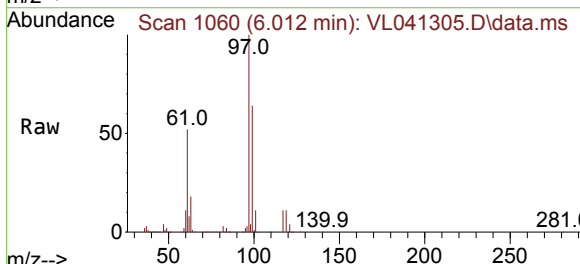
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060424

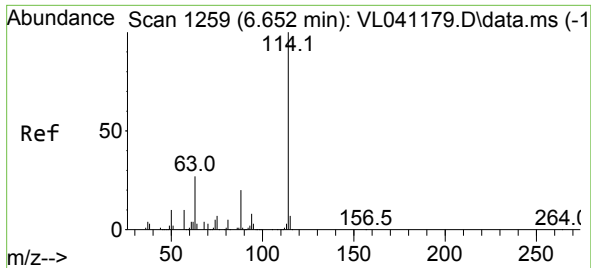
Tgt Ion: 61 Resp: 930400
 Ion Ratio Lower Upper
 61 100
 96 61.8 52.1 78.1
 98 40.7 33.1 49.7



#32
 1,1,1-Trichloroethane
 Concen: 9.616 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Tgt Ion: 97 Resp: 1441315
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.9 77.9
 61 53.1 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

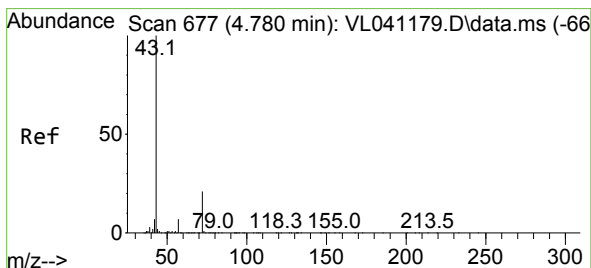
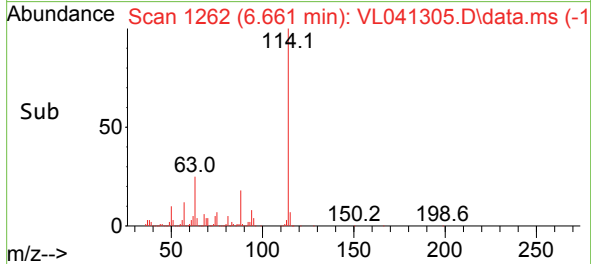
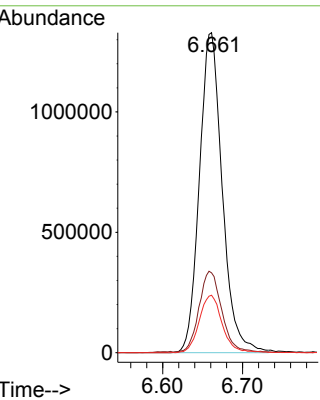
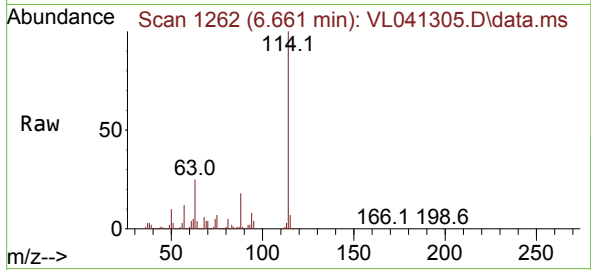
Tgt Ion:114 Resp: 2631997

Ion Ratio Lower Upper

114 100

63 25.9 20.6 30.8

88 18.1 14.5 21.7



#34

2-Butanone

Concen: 10.311 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL041305.D

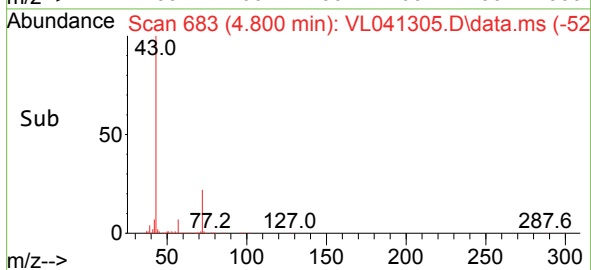
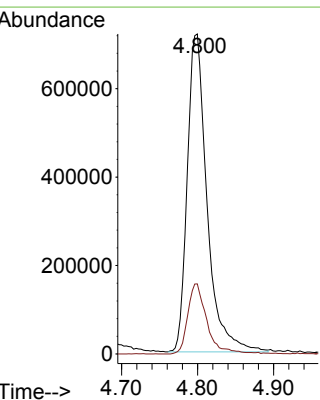
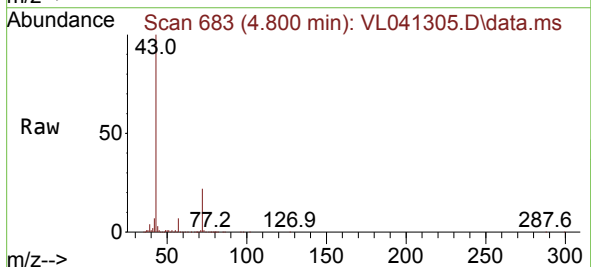
Acq: 4 Jun 2024 13:49

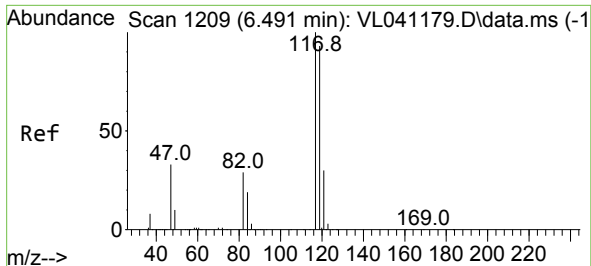
Tgt Ion: 43 Resp: 1300088

Ion Ratio Lower Upper

43 100

72 21.6 17.4 26.0

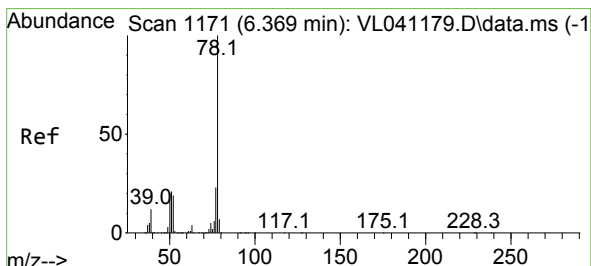
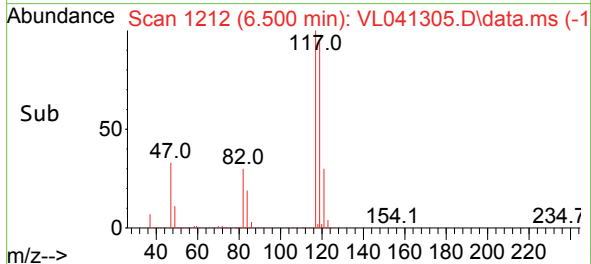
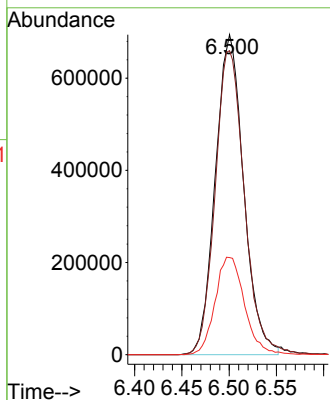
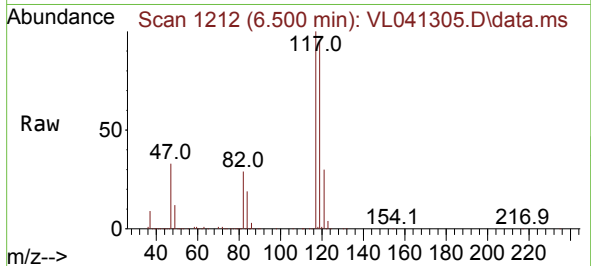




#35
Carbon Tetrachloride
Concen: 9.674 ppbv
RT: 6.500 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

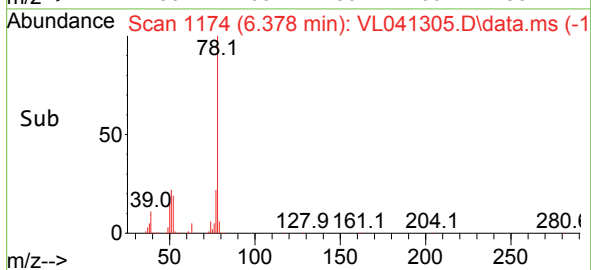
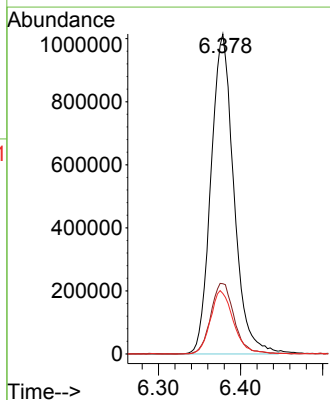
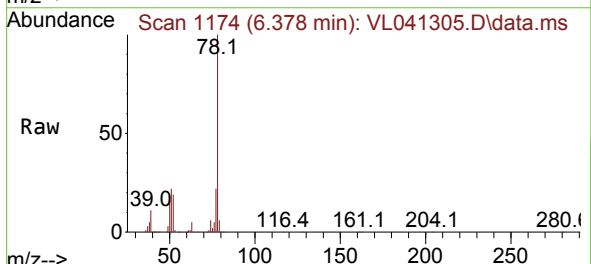
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

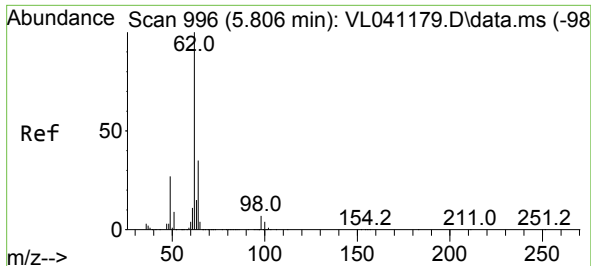
Tgt Ion:117 Resp: 1447189
Ion Ratio Lower Upper
117 100
119 95.0 74.0 111.0
121 30.4 24.8 37.2



#36
Benzene
Concen: 9.621 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 78 Resp: 1962676
Ion Ratio Lower Upper
78 100
77 21.9 18.6 28.0
50 18.9 16.0 24.0





#37

1,2-Dichloroethane

Concen: 9.615 ppbv

RT: 5.816 min Scan# 996

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

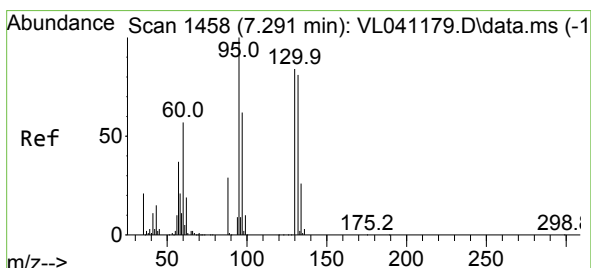
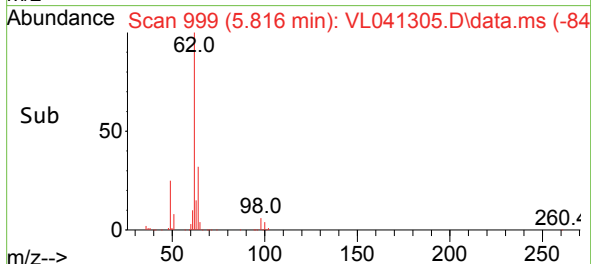
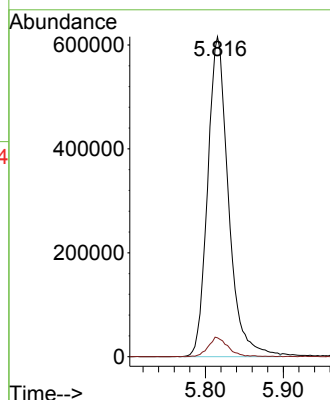
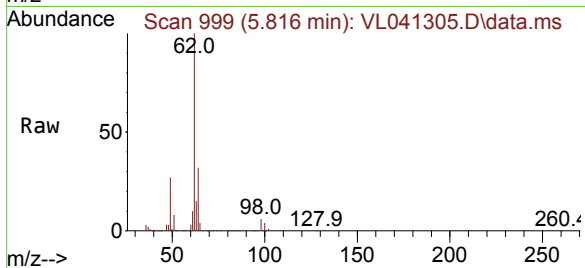
ICVVL060424

Tgt Ion: 62 Resp: 1143570

Ion Ratio Lower Upper

62 100

98 6.0 4.8 7.2



#38

Trichloroethene

Concen: 9.211 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Tgt Ion:130 Resp: 761534

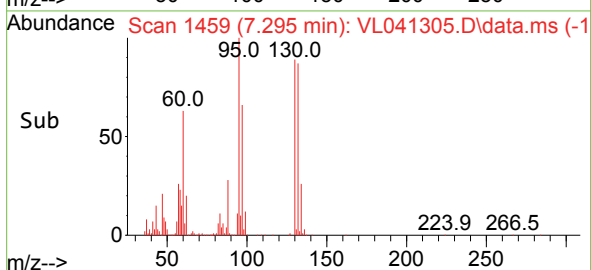
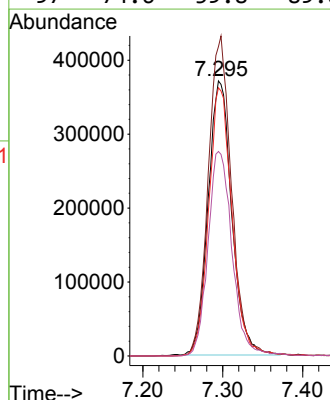
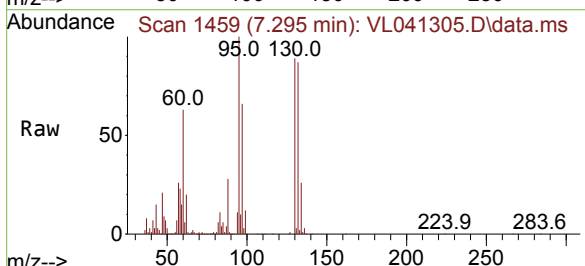
Ion Ratio Lower Upper

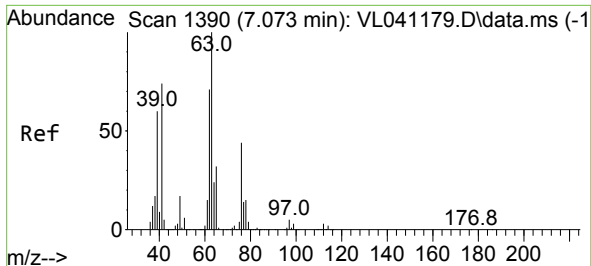
130 100

95 112.6 94.0 141.0

132 97.8 76.7 115.1

97 74.6 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.340 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

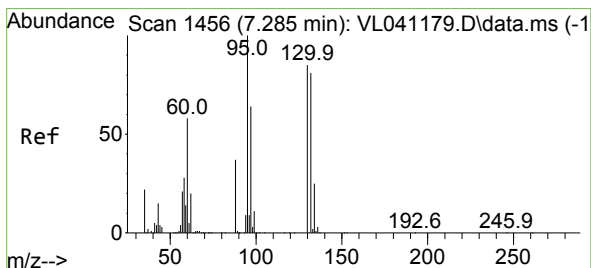
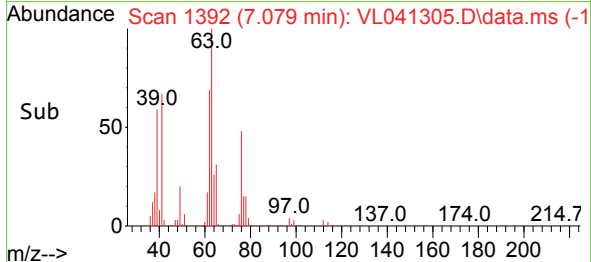
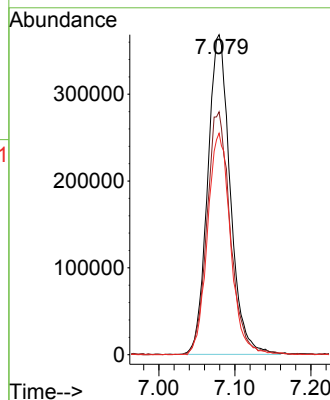
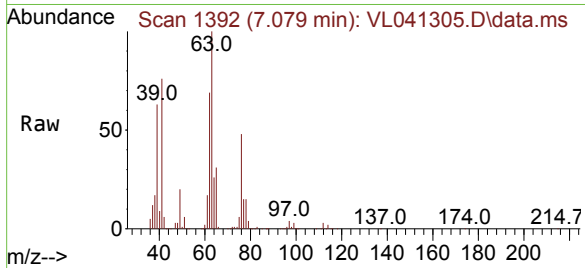
Tgt Ion: 63 Resp: 758697

Ion Ratio Lower Upper

63 100

41 75.9 59.9 89.9

62 69.2 53.8 80.6



#40

1,4-Dioxane

Concen: 9.661 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. -0.004 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Tgt Ion: 88 Resp: 287404

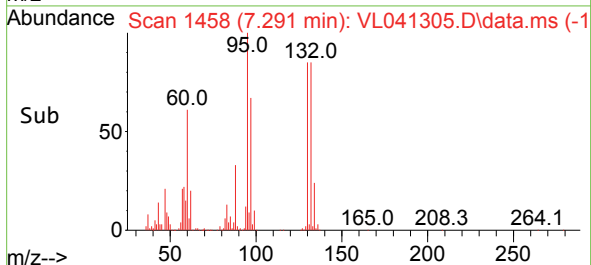
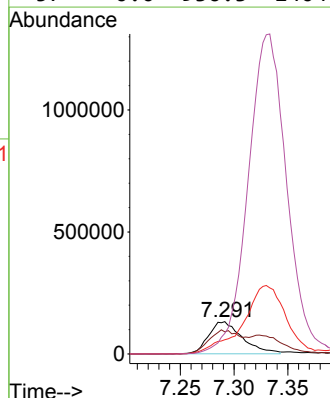
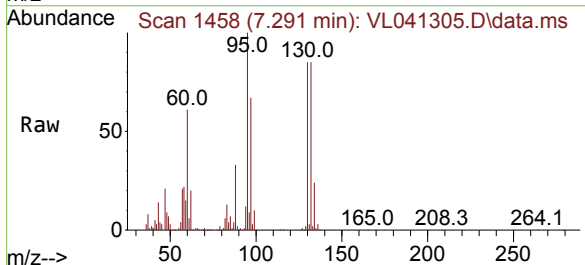
Ion Ratio Lower Upper

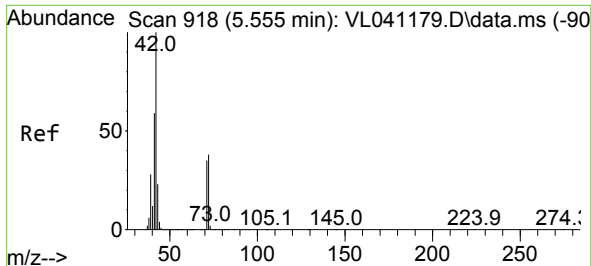
88 100

58 129.9 107.5 161.3

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#

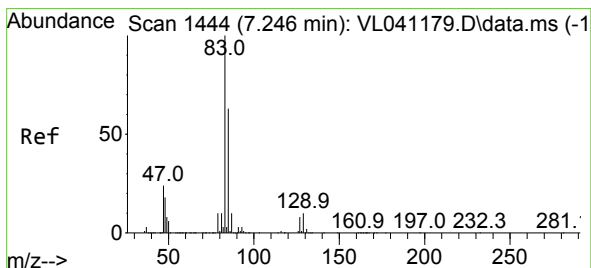
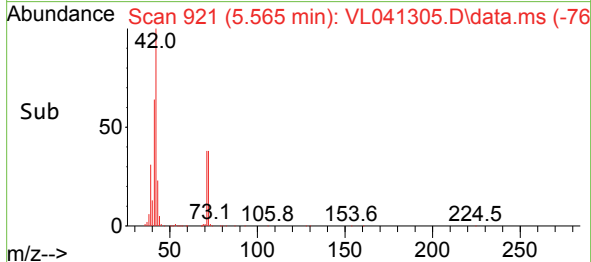
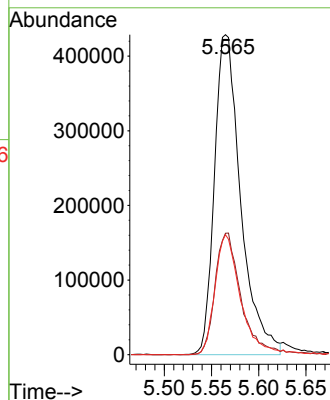
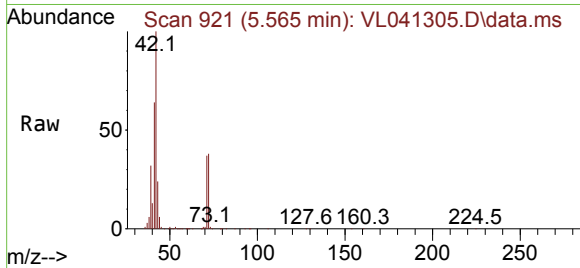




#41
Tetrahydrofuran
Concen: 10.100 ppbv
RT: 5.565 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

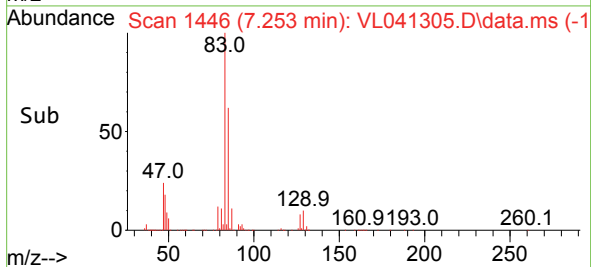
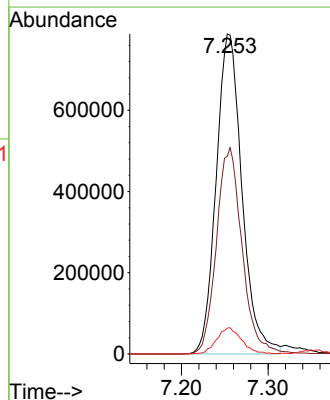
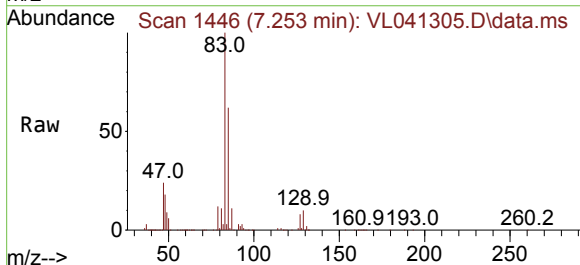
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

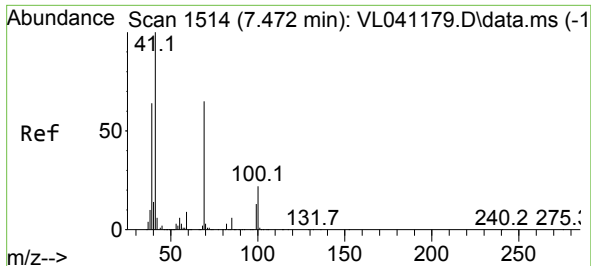
Tgt Ion: 42 Resp: 828663
Ion Ratio Lower Upper
42 100
72 38.4 30.2 45.4
71 37.0 30.3 45.5



#42
Bromodichloromethane
Concen: 9.560 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 83 Resp: 1633077
Ion Ratio Lower Upper
83 100
85 61.8 50.6 75.8
127 8.1 5.6 8.4

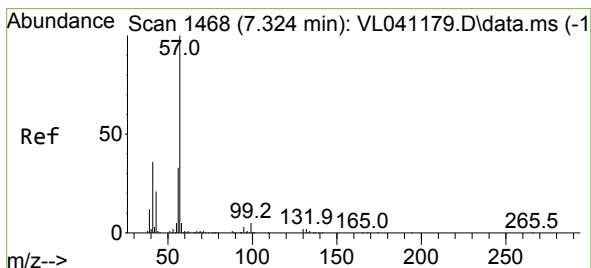
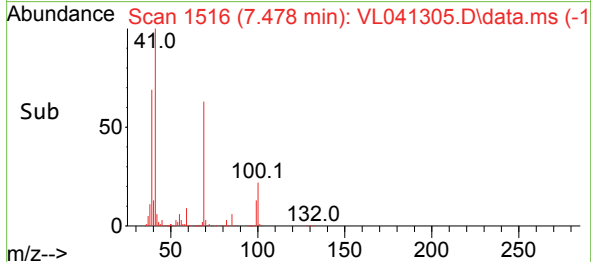
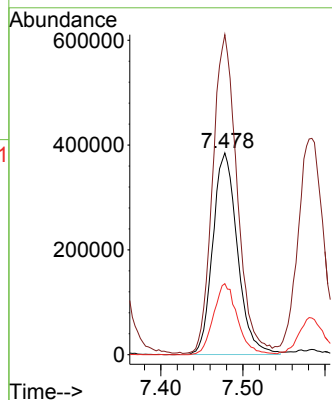
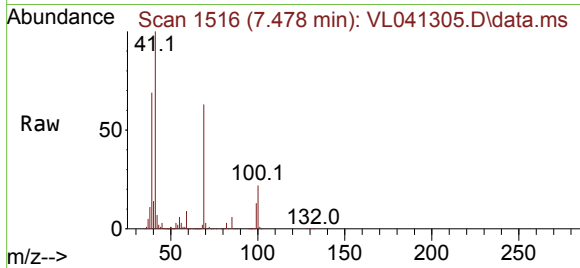




#43
Methyl Methacrylate
Concen: 10.308 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

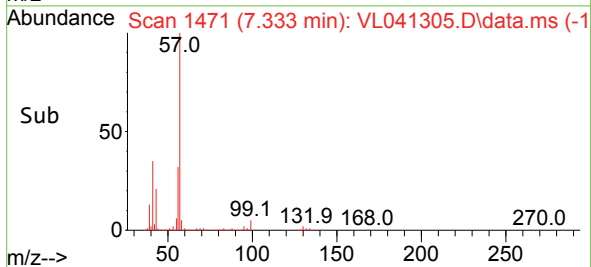
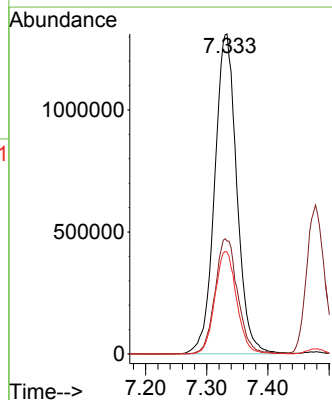
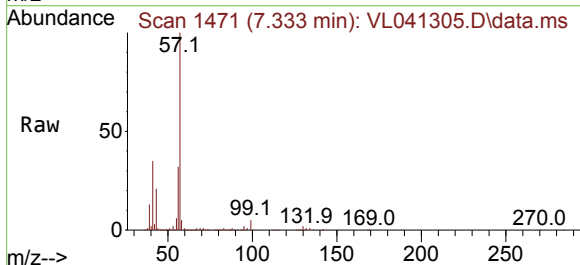
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

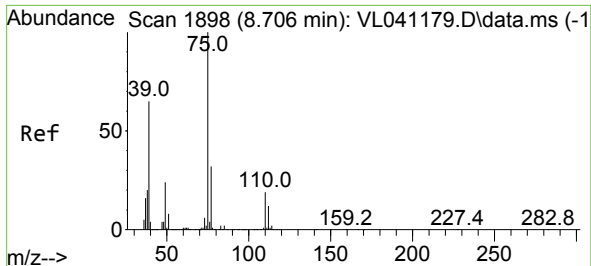
Tgt Ion: 69 Resp: 801217
Ion Ratio Lower Upper
69 100
41 158.0 125.8 188.6
100 34.4 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 9.397 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 57 Resp: 3296936
Ion Ratio Lower Upper
57 100
41 36.9 29.4 44.2
56 31.6 25.0 37.4





#45

t-1,3-Dichloropropene

Concen: 9.732 ppbv

RT: 8.713 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

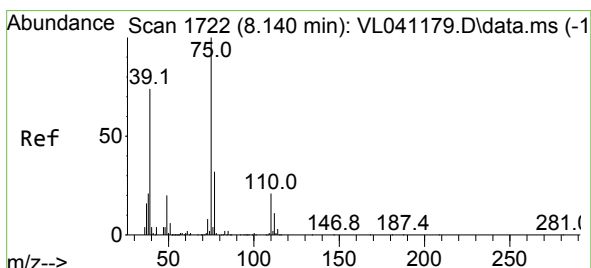
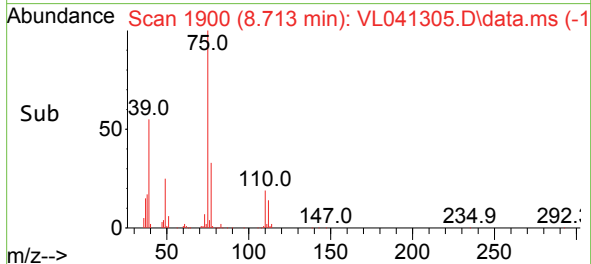
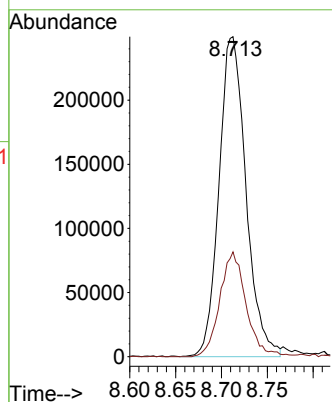
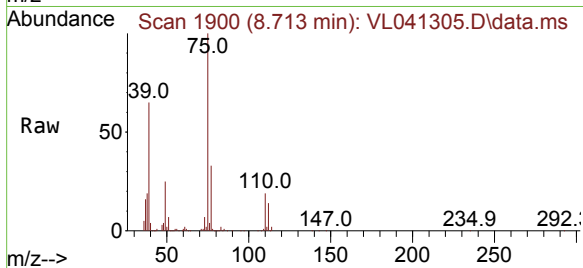
ICVVL060424

Tgt Ion: 75 Resp: 510433

Ion Ratio Lower Upper

75 100

77 32.7 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 9.534 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

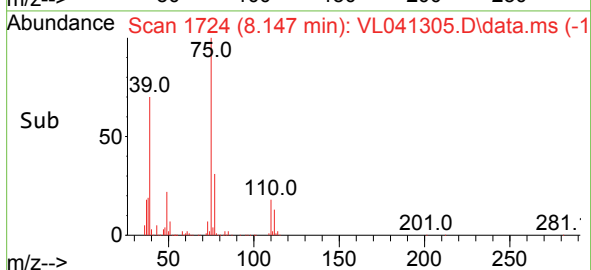
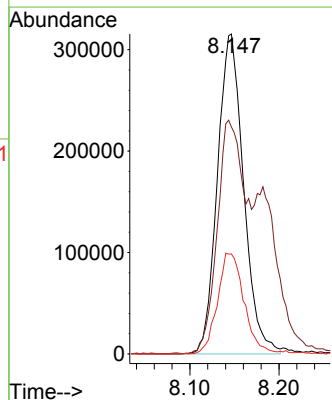
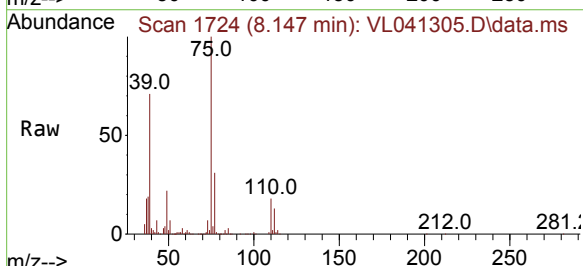
Tgt Ion: 75 Resp: 643696

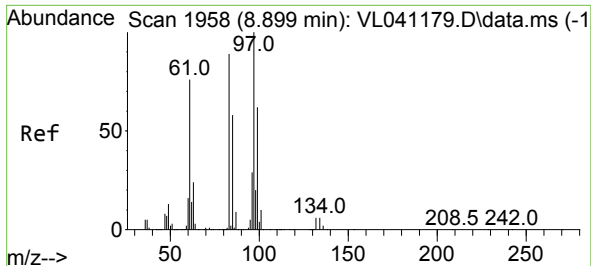
Ion Ratio Lower Upper

75 100

39 70.8 59.2 88.8

77 31.2 25.0 37.6





#47

1,1,2-Trichloroethane

Concen: 9.595 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

Tgt Ion: 97 Resp: 814471

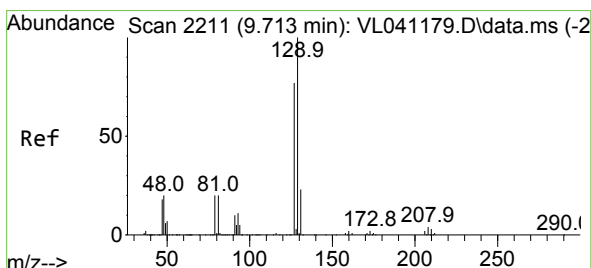
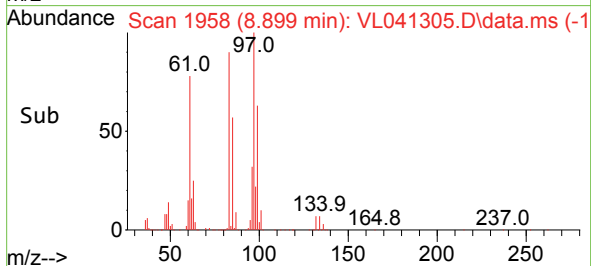
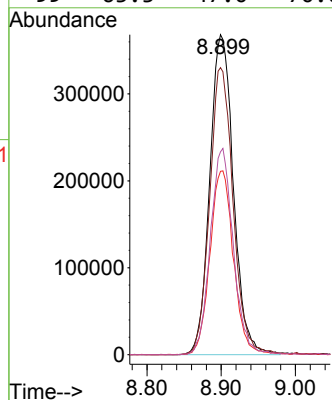
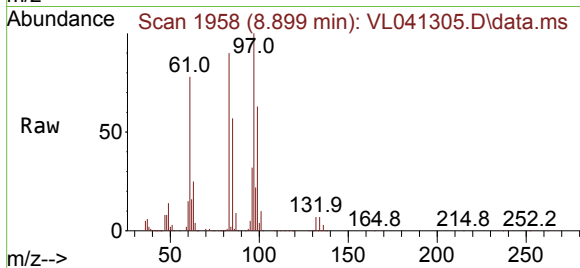
Ion Ratio Lower Upper

97 100

83 89.6 69.7 104.5

85 57.3 43.1 64.7

99 63.3 47.0 70.6



#48

Dibromochloromethane

Concen: 9.830 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VL041305.D

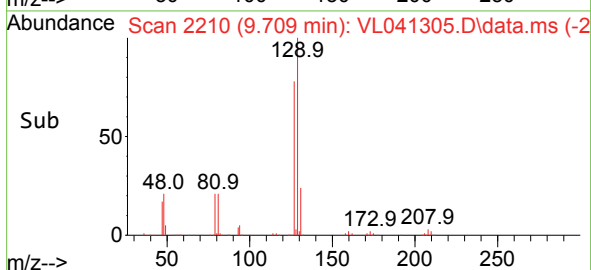
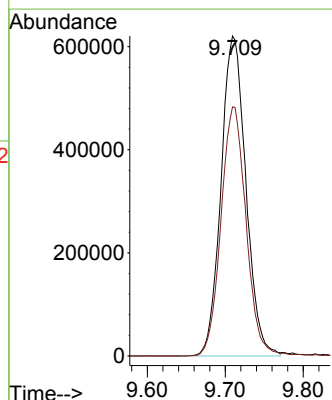
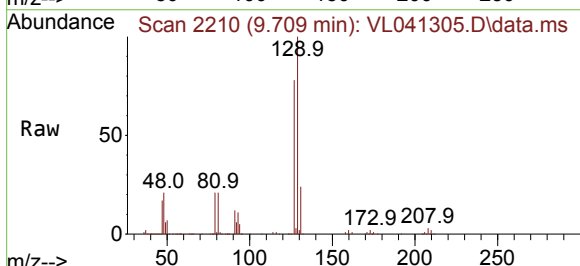
Acq: 4 Jun 2024 13:49

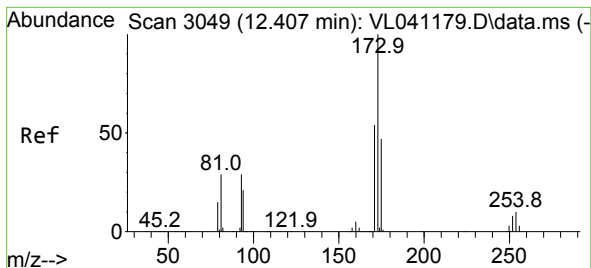
Tgt Ion: 129 Resp: 1375187

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.5





#49

Bromoform

Concen: 10.161 ppbv

RT: 12.404 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

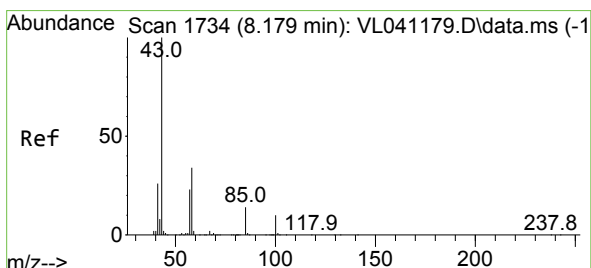
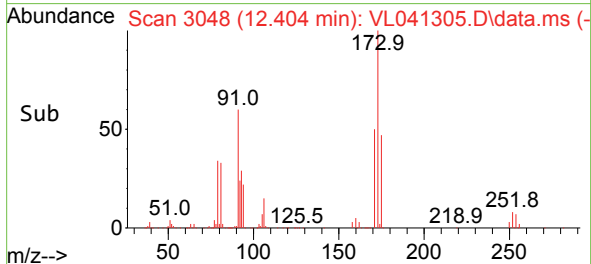
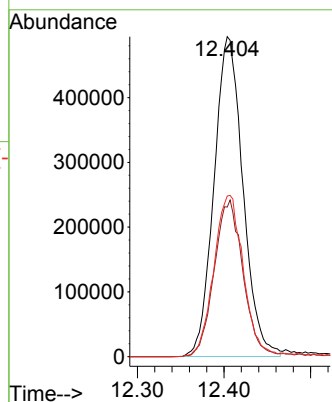
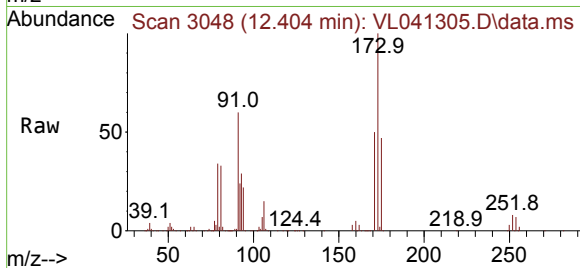
Tgt Ion:173 Resp: 1145558

Ion Ratio Lower Upper

173 100

175 49.8 39.9 59.9

171 52.5 42.6 63.8



#50

4-Methyl-2-Pentanone

Concen: 9.824 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.003 min

Lab File: VL041305.D

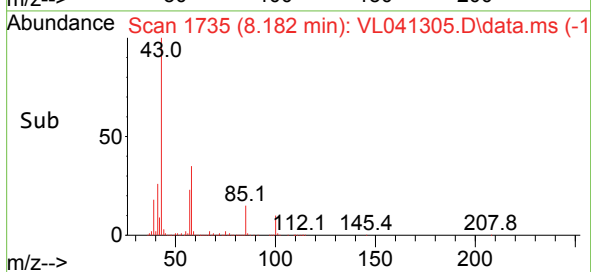
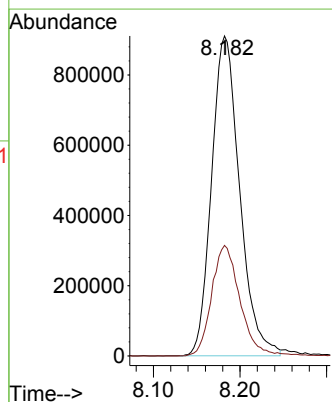
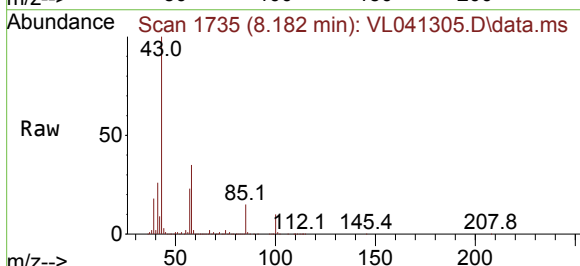
Acq: 4 Jun 2024 13:49

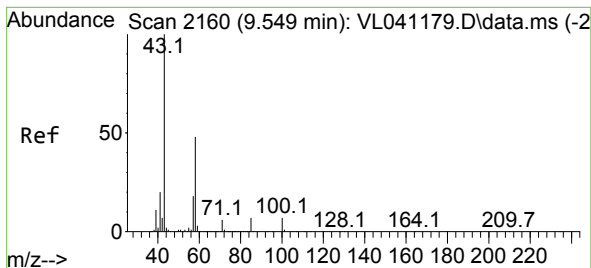
Tgt Ion: 43 Resp: 2050428

Ion Ratio Lower Upper

43 100

58 35.1 27.7 41.5





#51

2-Hexanone

Concen: 10.190 ppbv

RT: 9.549 min Scan# 2160

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

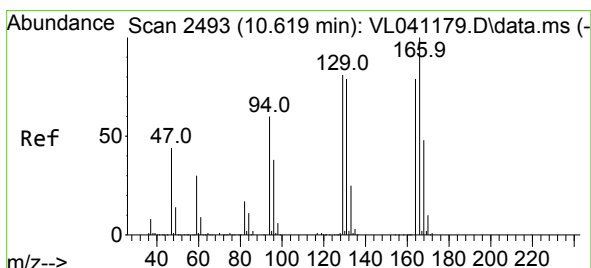
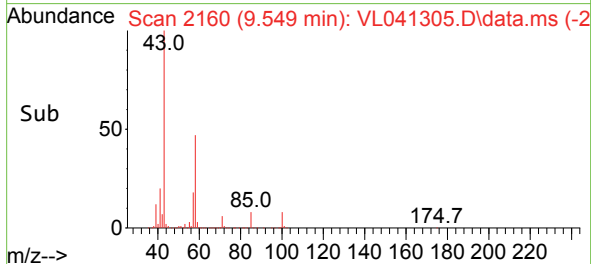
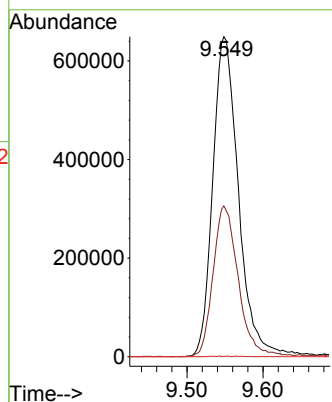
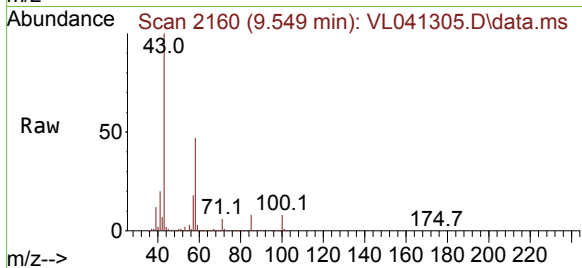
MSVOA_L

ClientSampleId :

ICVVL060424

Tgt Ion: 43 Resp: 1511786

Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.4	56.0
98	0.2	0.2	0.4



#52

Tetrachloroethene

Concen: 9.449 ppbv

RT: 10.613 min Scan# 2491

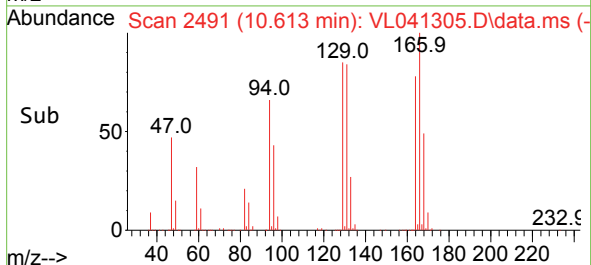
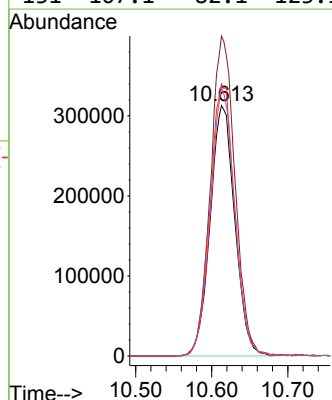
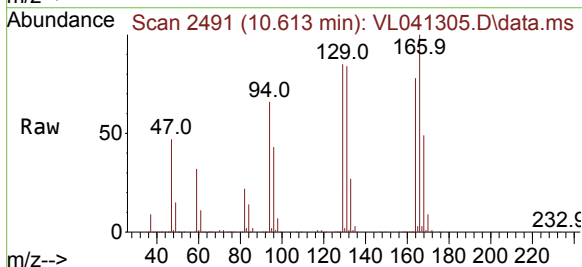
Delta R.T. -0.000 min

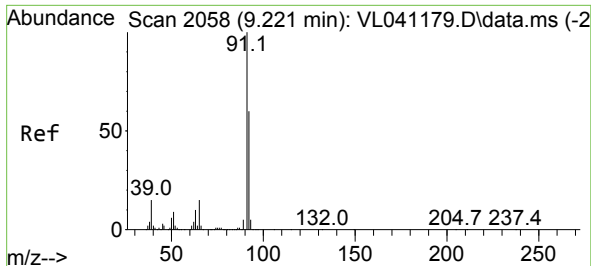
Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Tgt Ion: 164 Resp: 702946

Ion	Ratio	Lower	Upper
164	100		
166	127.7	99.4	149.0
129	108.5	85.4	128.2
131	107.1	82.1	123.1

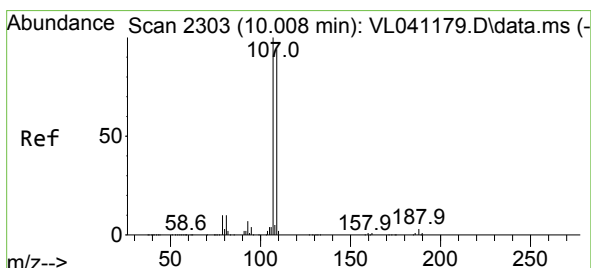
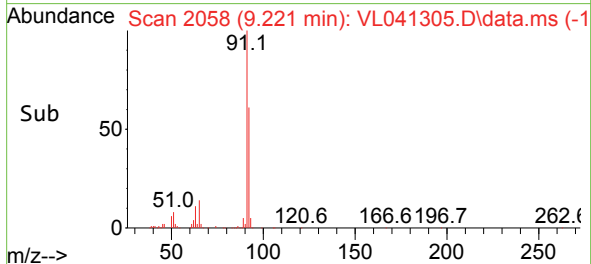
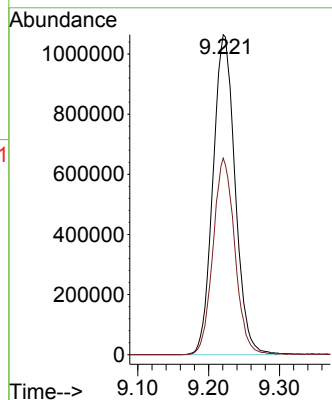
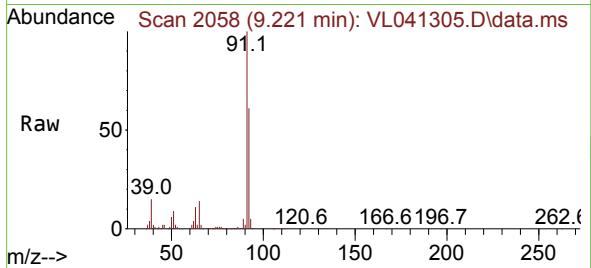




#53
Toluene
Concen: 9.850 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

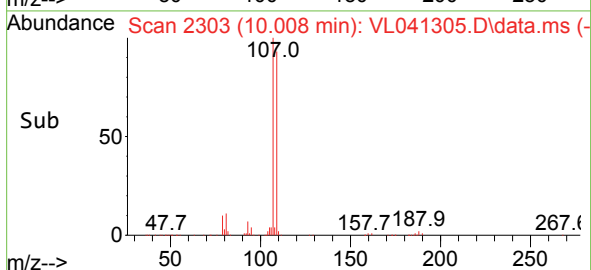
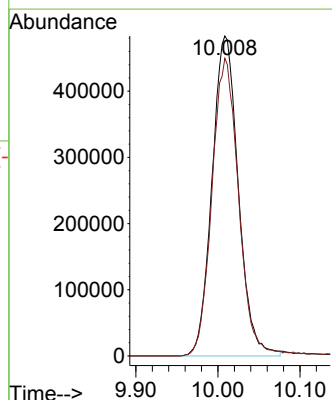
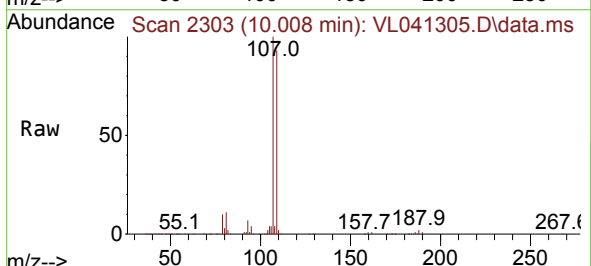
Instrument : MSVOA_L
ClientSampleId : ICVVL060424

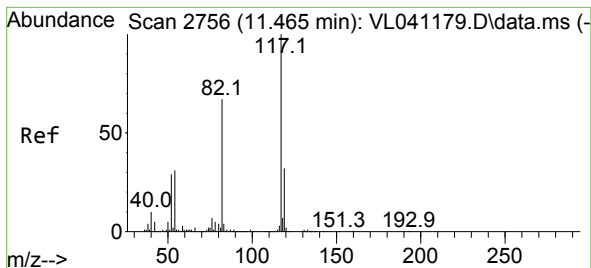
Tgt Ion: 91 Resp: 2311268
Ion Ratio Lower Upper
91 100
92 60.6 49.2 73.8



#54
1,2-Dibromoethane
Concen: 9.722 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 107 Resp: 1075862
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2756

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

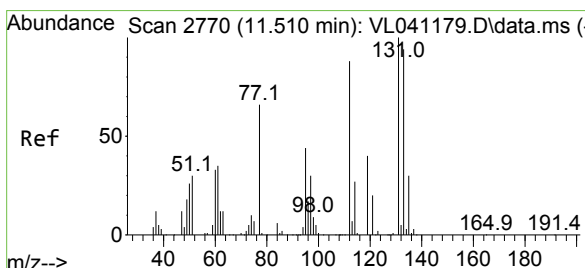
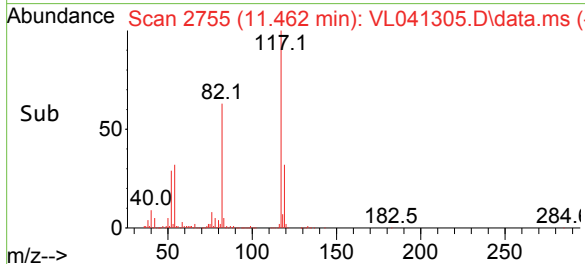
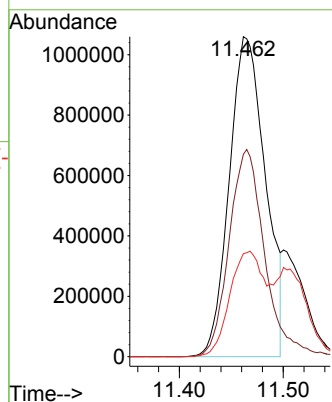
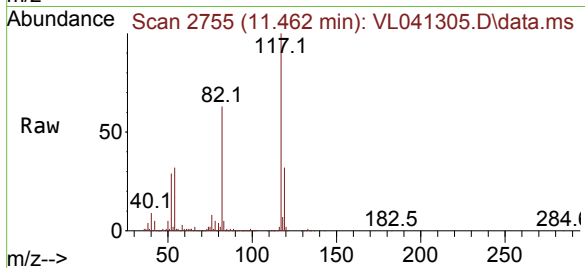
Tgt Ion:117 Resp: 2561904

Ion Ratio Lower Upper

117 100

82 64.8 52.3 78.5

119 31.9 26.2 39.2



#56

1,1,1,2-Tetrachloroethane

Concen: 9.199 ppbv

RT: 11.507 min Scan# 2769

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

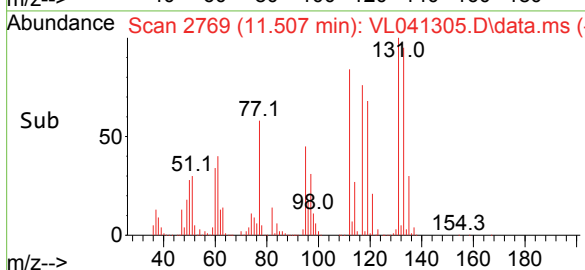
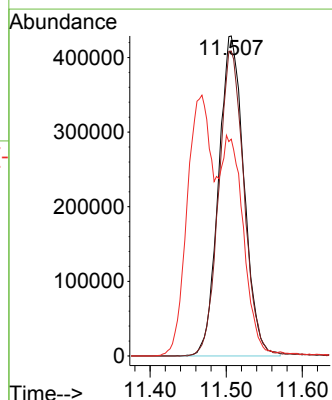
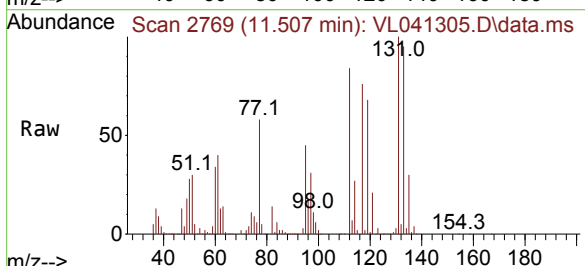
Tgt Ion:131 Resp: 996773

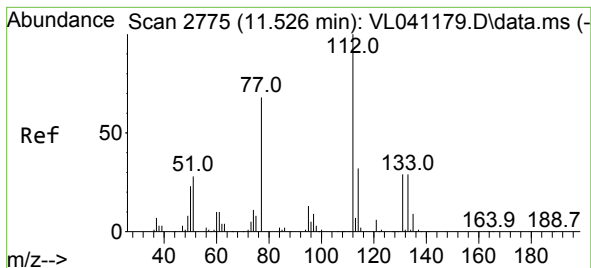
Ion Ratio Lower Upper

131 100

133 95.5 75.8 113.6

119 63.2 48.3 72.5

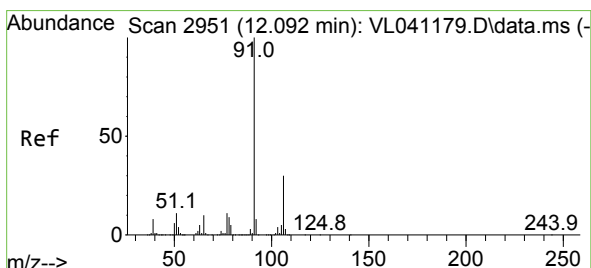
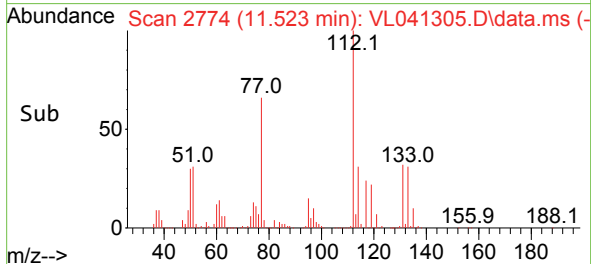
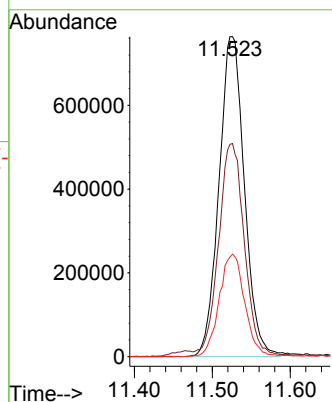
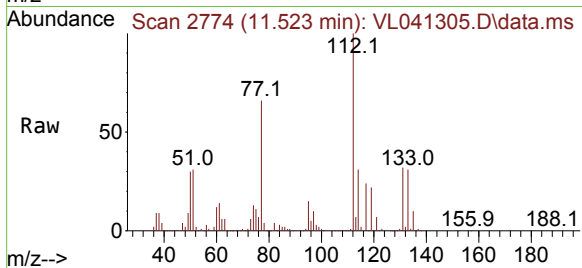




#57
Chlorobenzene
Concen: 9.093 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

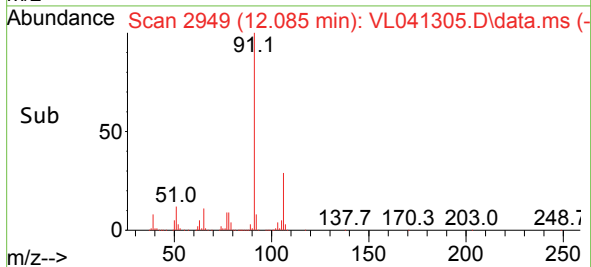
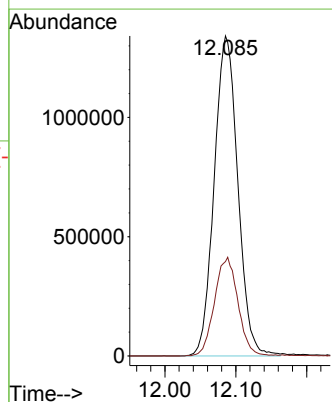
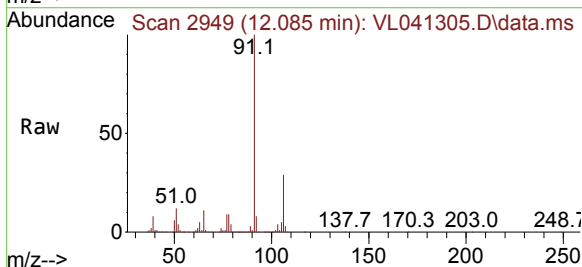
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

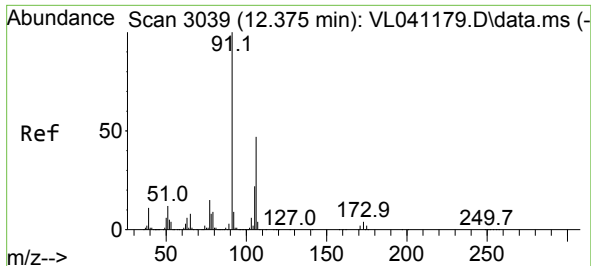
Tgt Ion:112 Resp: 1730359
Ion Ratio Lower Upper
112 100
77 65.7 52.0 78.0
114 31.0 29.8 36.4



#58
Ethyl Benzene
Concen: 9.456 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 91 Resp: 3105379
Ion Ratio Lower Upper
91 100
106 29.5 25.5 38.3





#59

m/p-Xylene

Concen: 9.705 ppbv

RT: 12.368 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

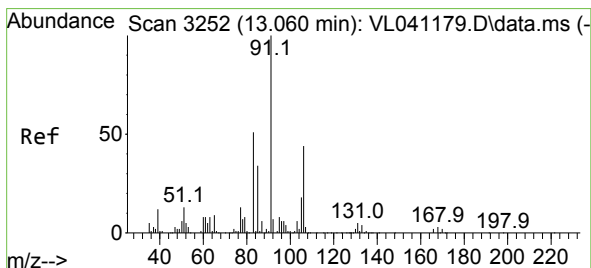
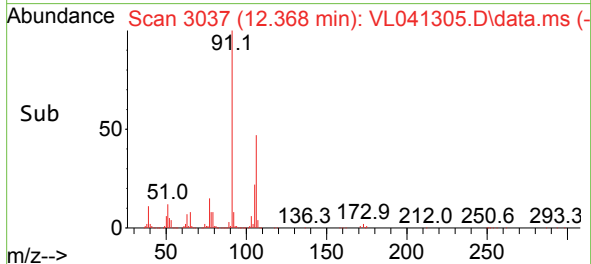
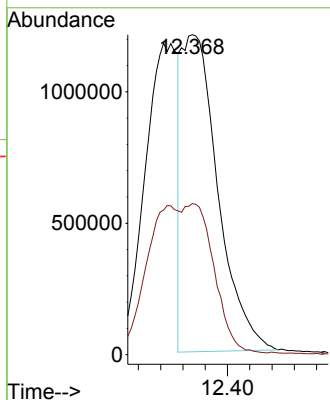
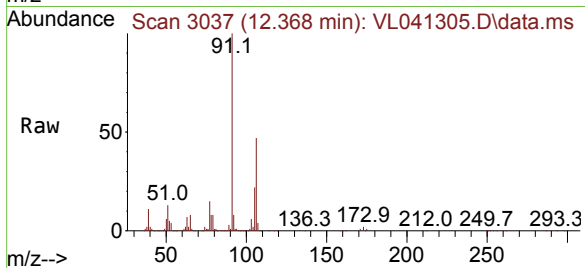
ICVVL060424

Tgt Ion: 91 Resp: 2730642

Ion Ratio Lower Upper

91 100

106 85.6 35.7 53.5#



#60

o-Xylene

Concen: 9.241 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VL041305.D

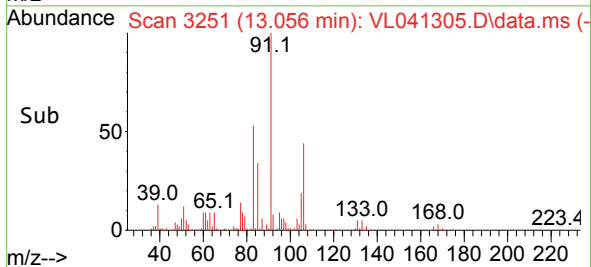
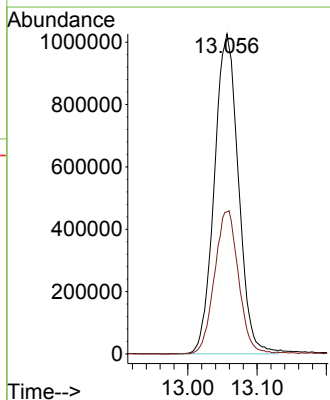
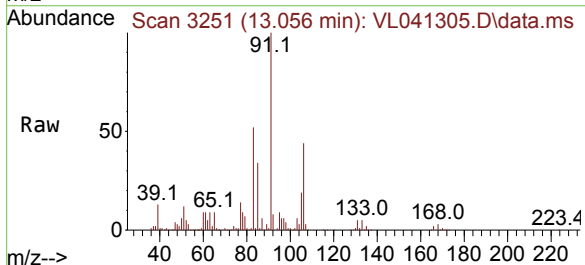
Acq: 4 Jun 2024 13:49

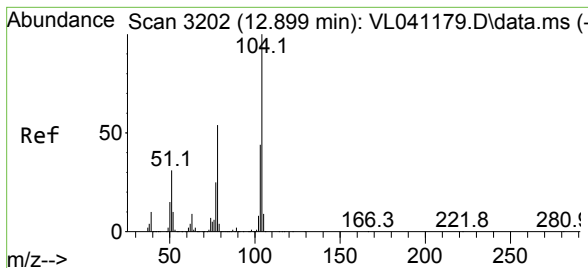
Tgt Ion: 91 Resp: 2478605

Ion Ratio Lower Upper

91 100

106 45.1 22.8 68.4





#61

Styrene

Concen: 10.041 ppbv

RT: 12.896 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

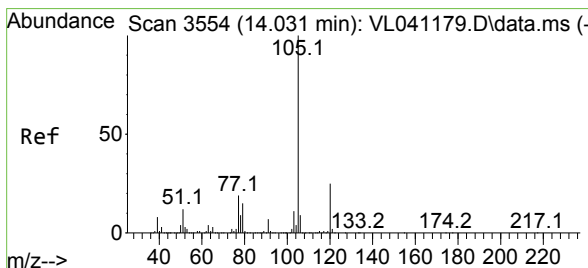
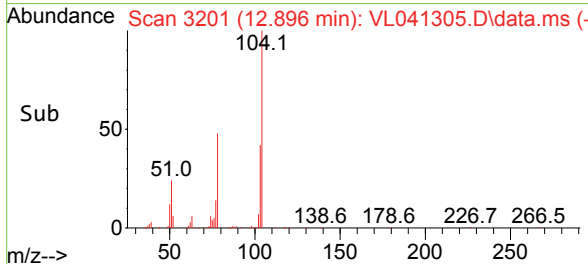
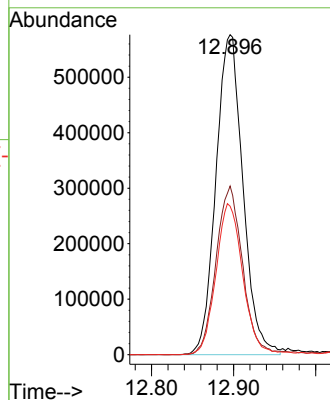
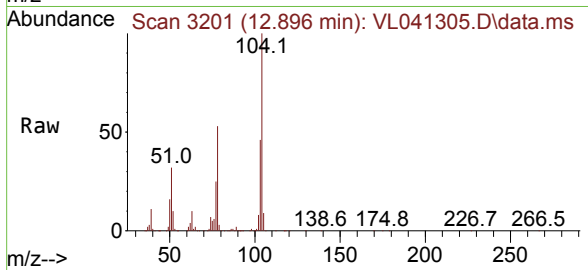
Tgt Ion:104 Resp: 1320394

Ion Ratio Lower Upper

104 100

78 52.4 42.2 63.4

103 47.6 37.9 56.9



#62

Isopropylbenzene

Concen: 9.138 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.006 min

Lab File: VL041305.D

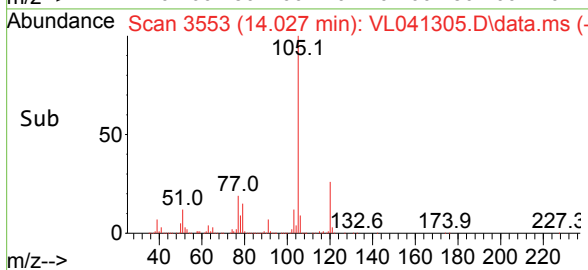
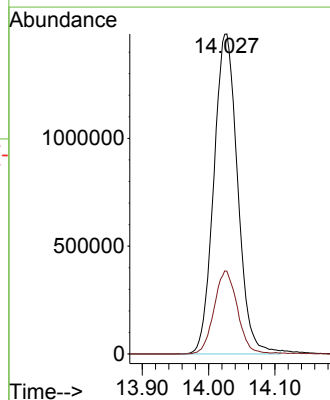
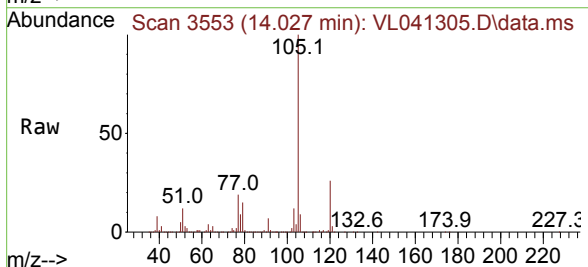
Acq: 4 Jun 2024 13:49

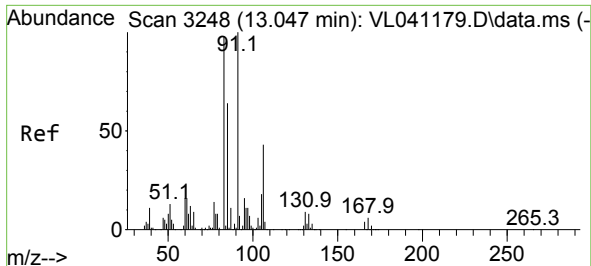
Tgt Ion:105 Resp: 3706746

Ion Ratio Lower Upper

105 100

120 25.7 20.4 30.6

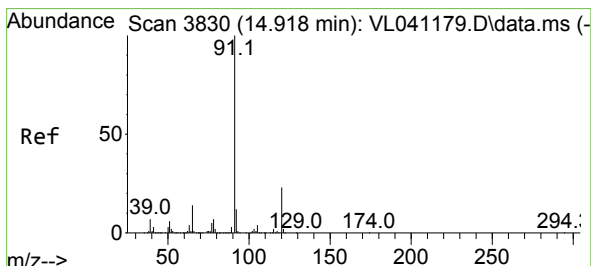
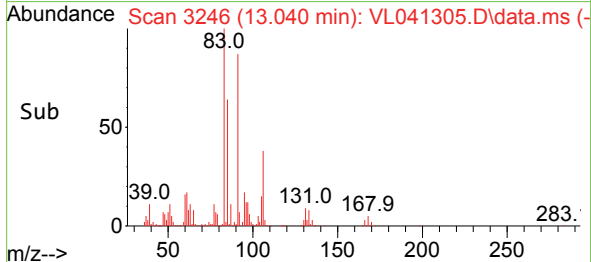
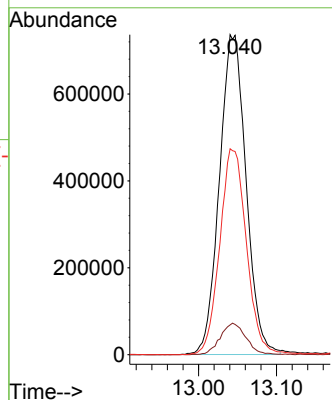
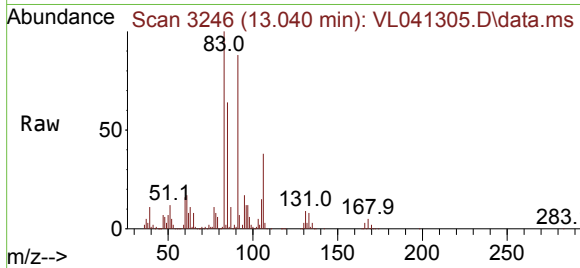




#63
1,1,2,2-Tetrachloroethane
Concen: 9.180 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

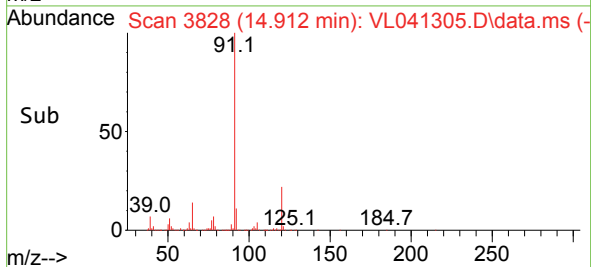
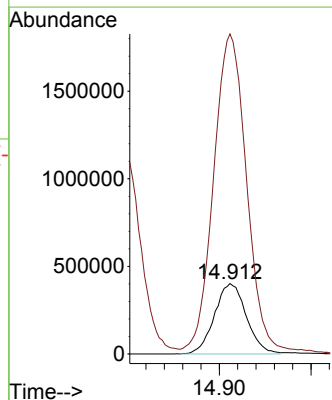
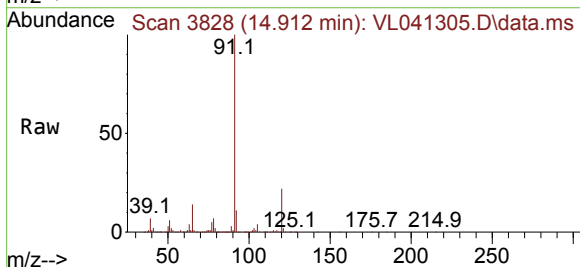
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

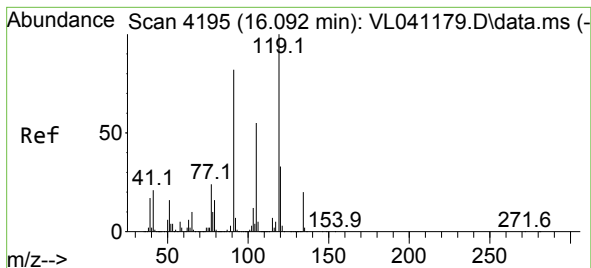
Tgt Ion: 83 Resp: 1751798
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.8 32.6 97.7



#64
n-propylbenzene
Concen: 9.254 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.004 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion:120 Resp: 967525
Ion Ratio Lower Upper
120 100
91 477.3 374.2 561.2





#65

tert-Butylbenzene

Concen: 9.072 ppbv

RT: 16.085 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

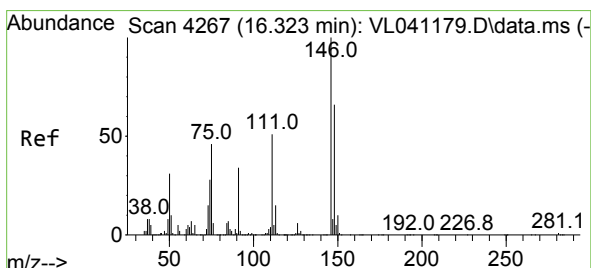
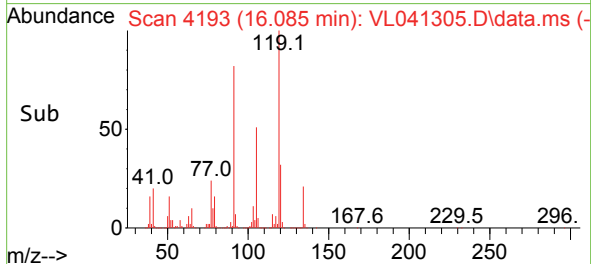
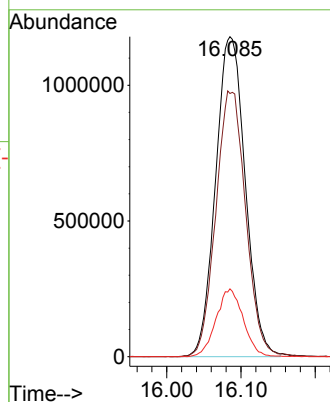
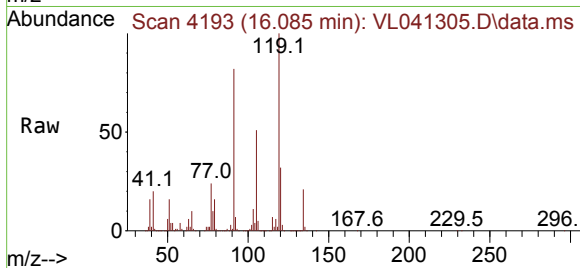
Tgt Ion:119 Resp: 3271756

Ion Ratio Lower Upper

119 100

91 83.8 66.5 99.7

134 19.5 15.7 23.5



#66

Benzyl Chloride

Concen: 6.585 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

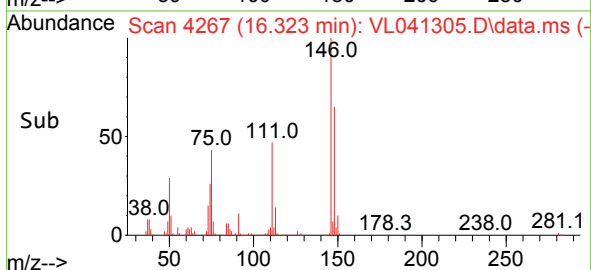
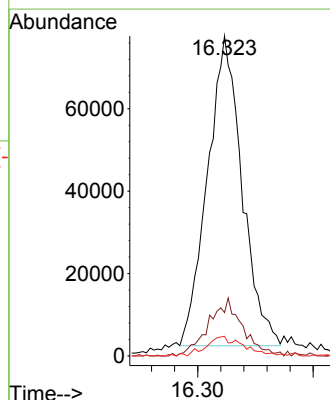
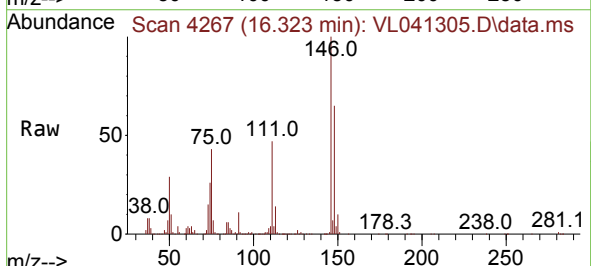
Tgt Ion: 91 Resp: 156253

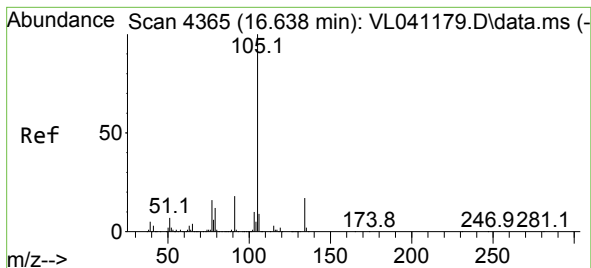
Ion Ratio Lower Upper

91 100

126 18.8 13.4 20.2

128 7.3 4.6 6.8#





#67

sec-Butylbenzene

Concen: 9.165 ppbv

RT: 16.629 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

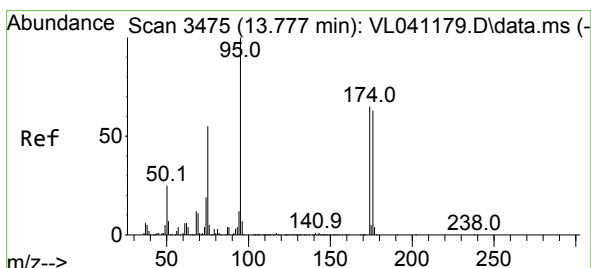
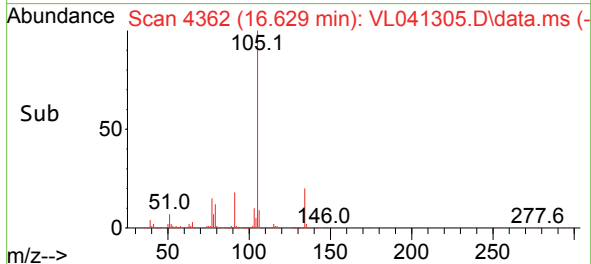
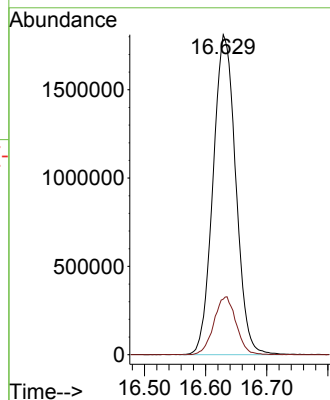
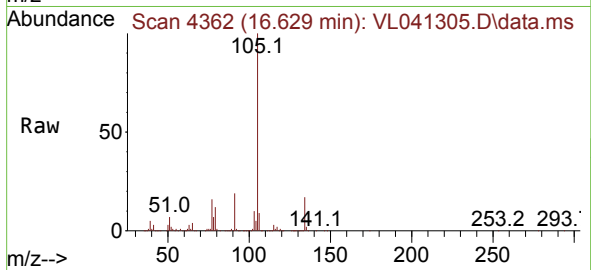
ICVVL060424

Tgt Ion:105 Resp: 4669149

Ion Ratio Lower Upper

105 100

134 17.8 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.969 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

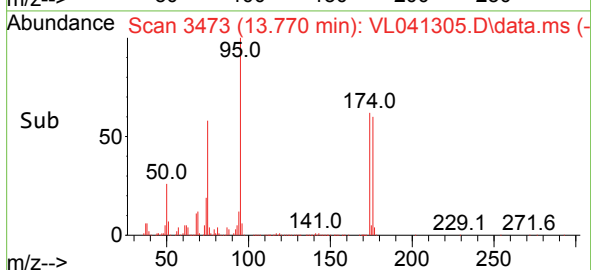
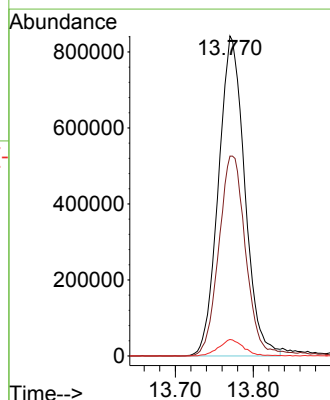
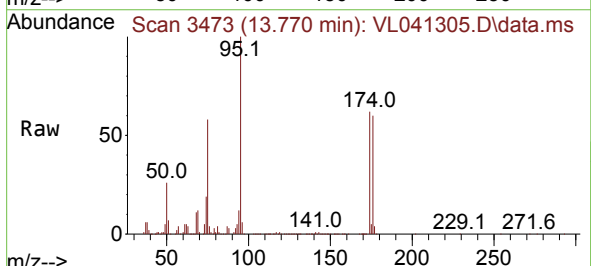
Tgt Ion: 95 Resp: 1971809

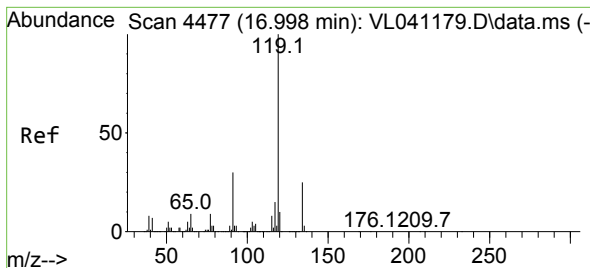
Ion Ratio Lower Upper

95 100

174 65.4 52.2 78.2

175 4.9 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.287 ppbv

RT: 16.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

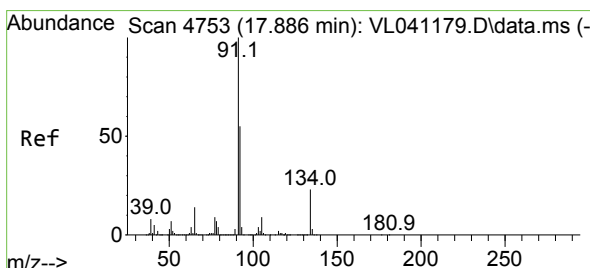
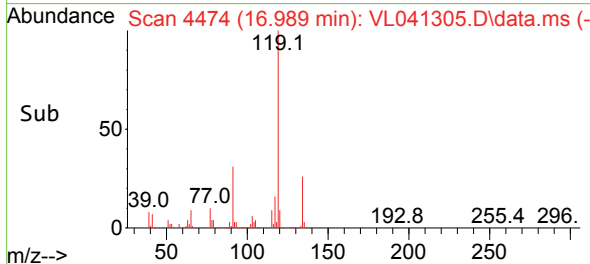
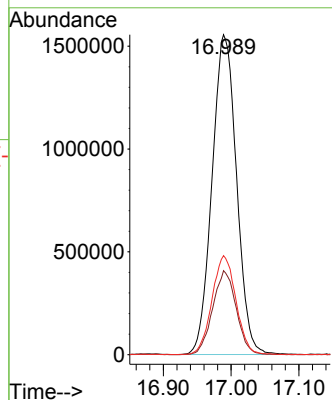
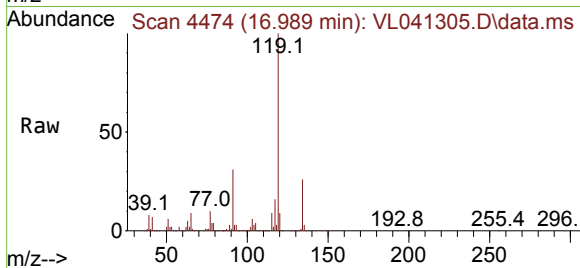
Tgt Ion:119 Resp: 3899363

Ion Ratio Lower Upper

119 100

134 25.3 20.1 30.1

91 30.4 24.1 36.1



#70

n-Butylbenzene

Concen: 9.446 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. 0.006 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

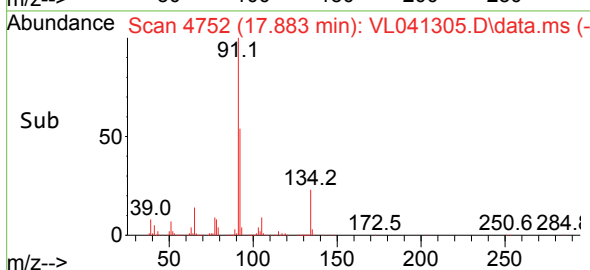
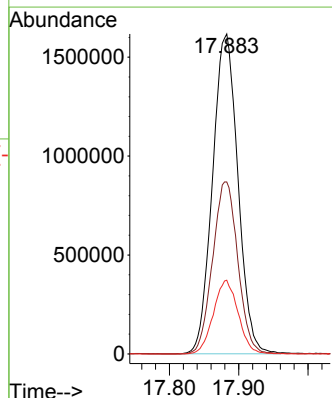
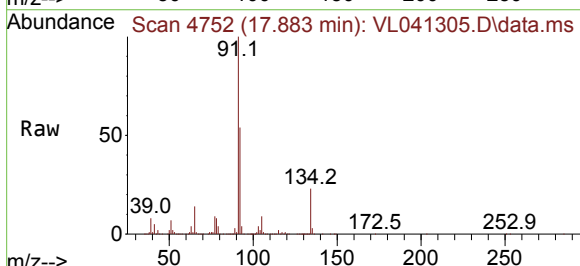
Tgt Ion: 91 Resp: 4114745

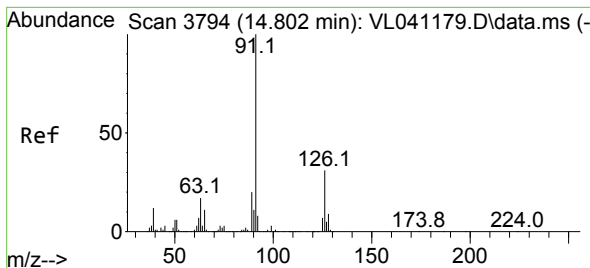
Ion Ratio Lower Upper

91 100

92 53.6 42.9 64.3

134 22.6 17.9 26.9

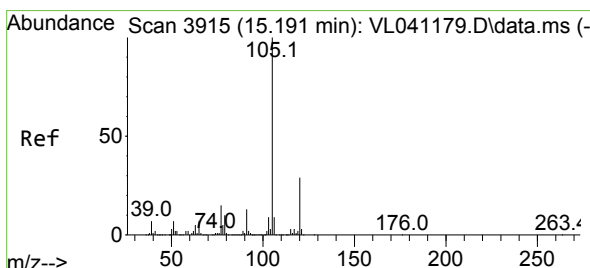
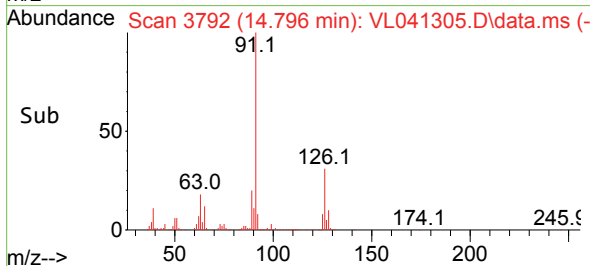
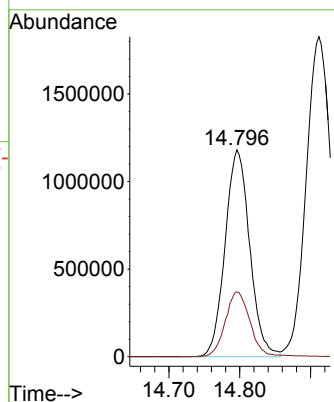
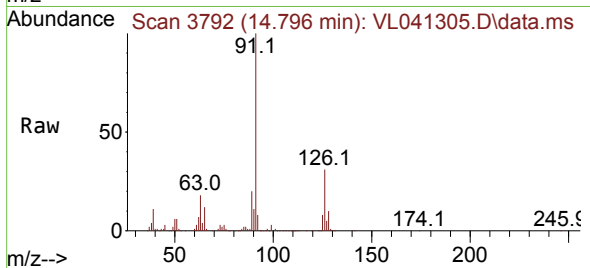




#71
2-Chlorotoluene
Concen: 9.176 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

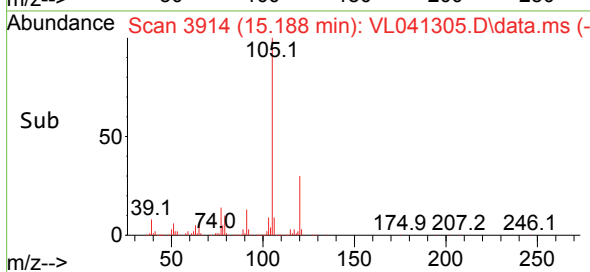
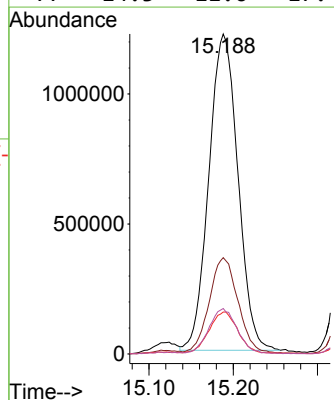
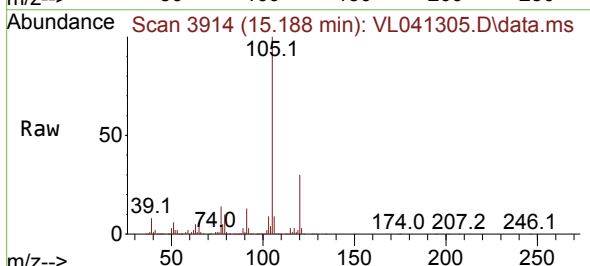
Instrument :
MSVOA_L
ClientSampleId :
ICVVL060424

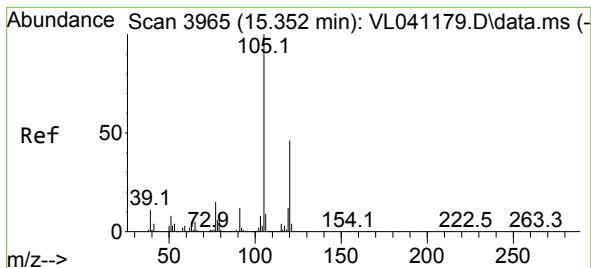
Tgt Ion: 91 Resp: 2848803
Ion Ratio Lower Upper
91 100
126 32.0 12.4 49.8



#72
4-Ethyltoluene
Concen: 9.334 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.000 min
Lab File: VL041305.D
Acq: 4 Jun 2024 13:49

Tgt Ion: 105 Resp: 2916868
Ion Ratio Lower Upper
105 100
120 30.7 23.7 35.5
91 13.2 10.6 16.0
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.609 ppbv

RT: 15.346 min Scan# 3965

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

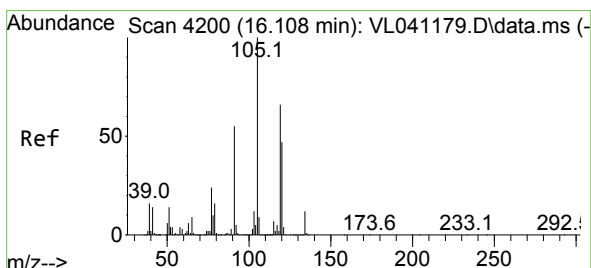
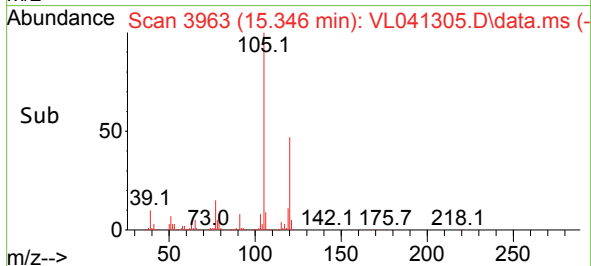
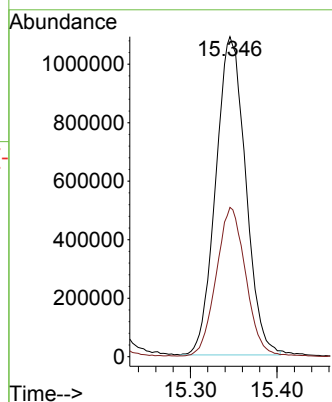
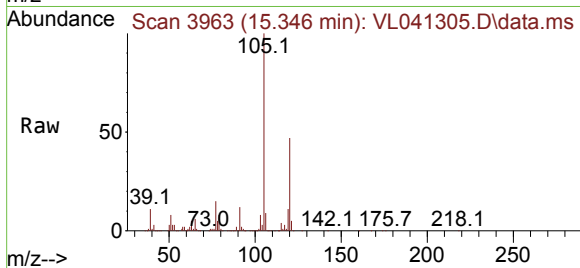
ICVVL060424

Tgt Ion:105 Resp: 2606164

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.8



#74

1,2,4-Trimethylbenzene

Concen: 9.270 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Tgt Ion:105 Resp: 2843405

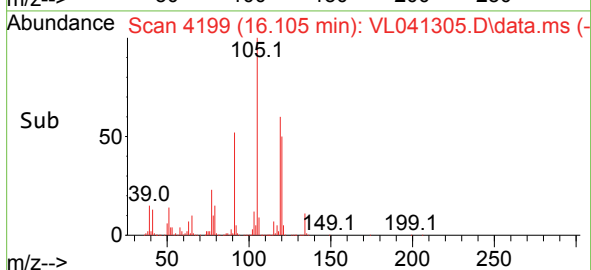
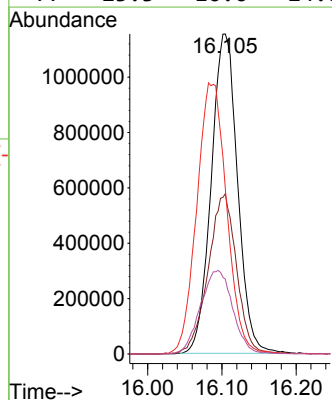
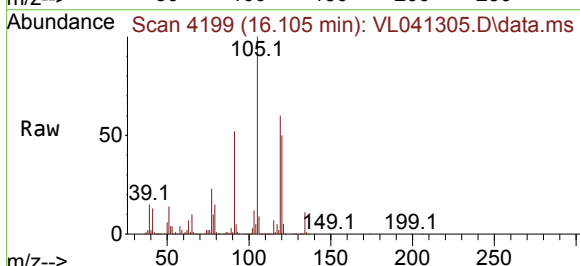
Ion Ratio Lower Upper

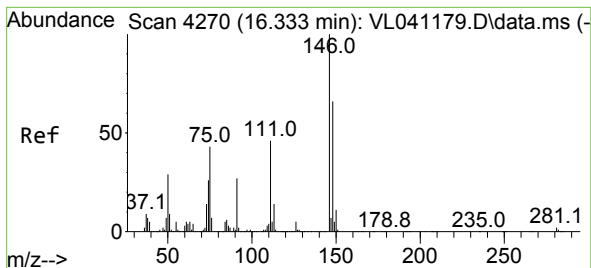
105 100

120 49.9 37.0 55.6

91 51.5 36.2 54.4

77 23.3 16.6 24.8





#75

1,3-Dichlorobenzene

Concen: 9.453 ppbv

RT: 16.326 min Scan# 4312

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

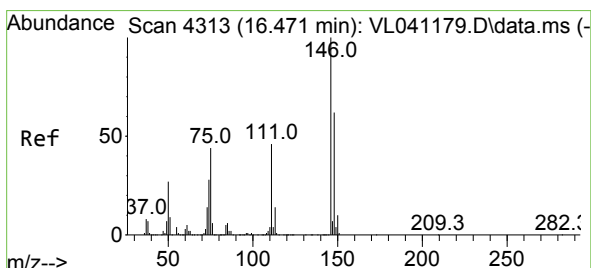
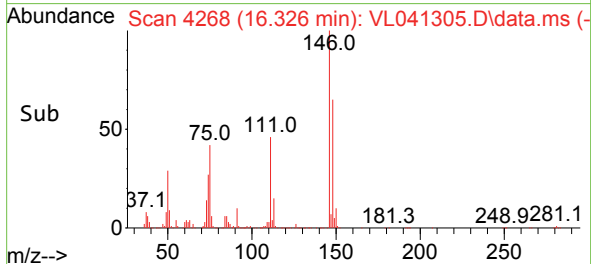
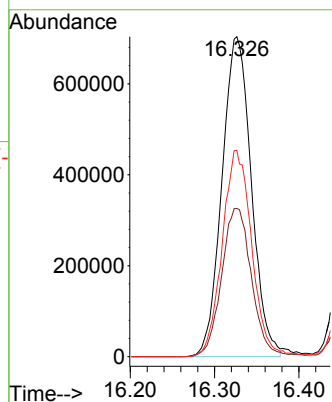
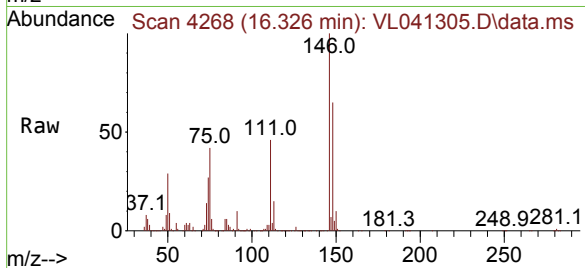
Tgt Ion:146 Resp: 1702142

Ion Ratio Lower Upper

146 100

111 47.4 23.3 69.8

148 64.9 32.2 96.6



#76

1,4-Dichlorobenzene

Concen: 9.308 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

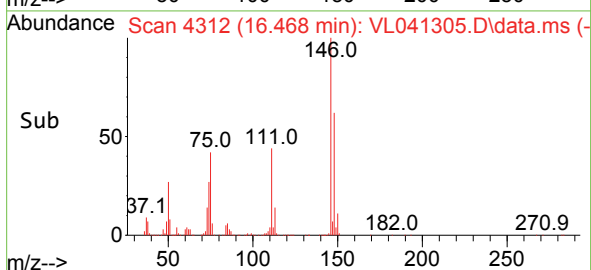
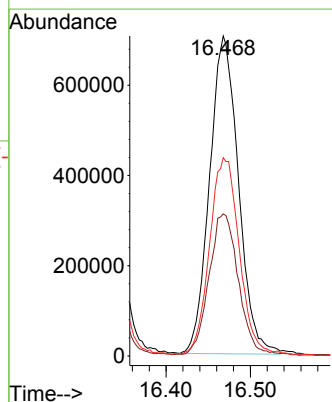
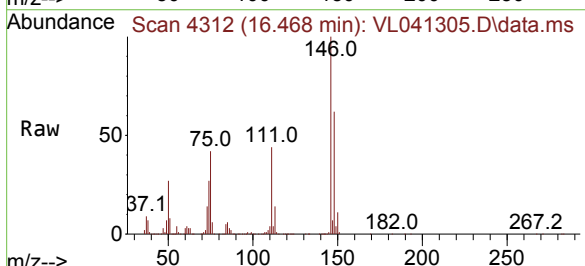
Tgt Ion:146 Resp: 1674665

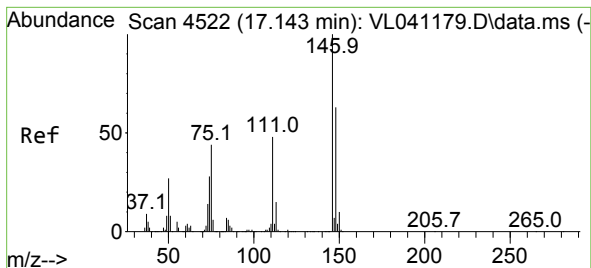
Ion Ratio Lower Upper

146 100

111 46.3 23.3 69.9

148 65.6 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.278 ppbv

RT: 17.137 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

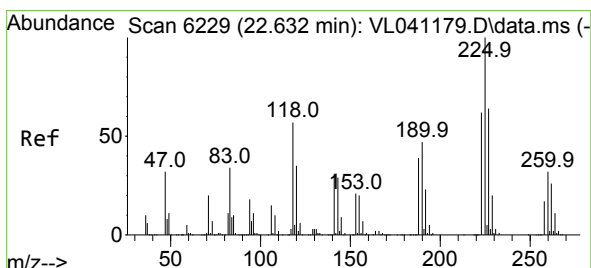
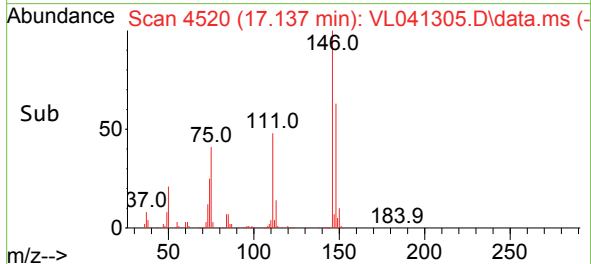
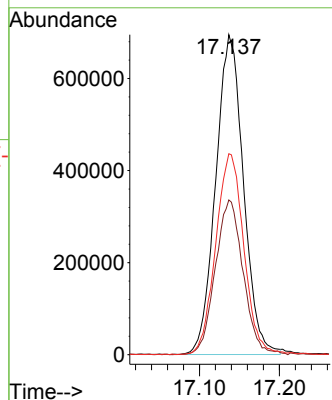
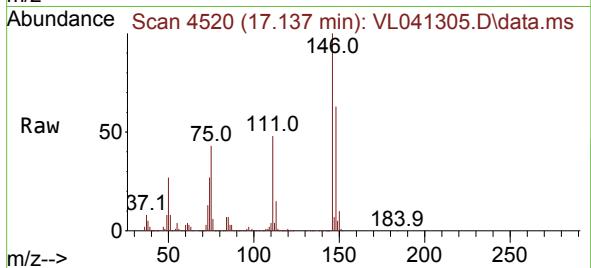
Tgt Ion:146 Resp: 1672328

Ion Ratio Lower Upper

146 100

111 48.7 24.3 72.9

148 63.9 32.0 96.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.278 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

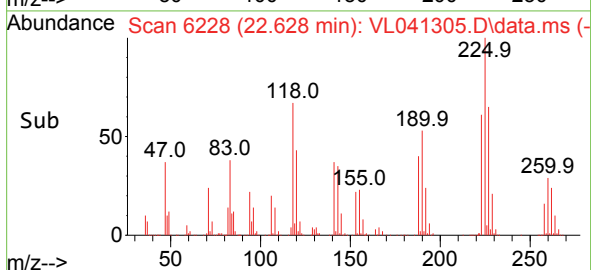
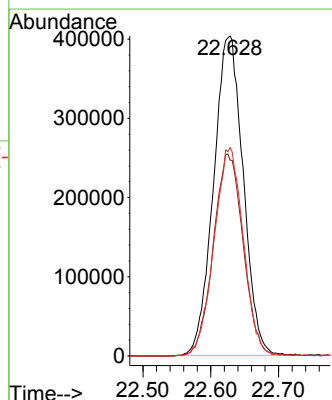
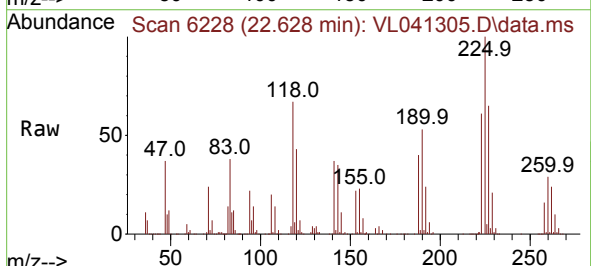
Tgt Ion:225 Resp: 1222869

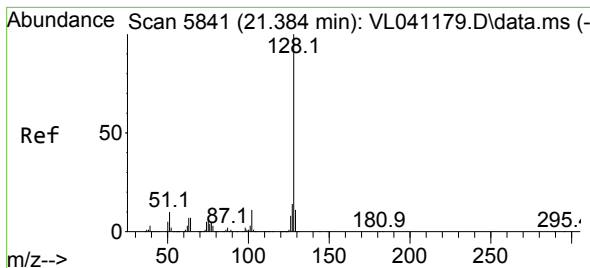
Ion Ratio Lower Upper

225 100

223 64.0 51.0 76.6

227 64.8 51.1 76.7





#79

Naphthalene

Concen: 11.246 ppbv

RT: 21.374 min Scan# 5838

Delta R.T. 0.003 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

Instrument :

MSVOA_L

ClientSampleId :

ICVVL060424

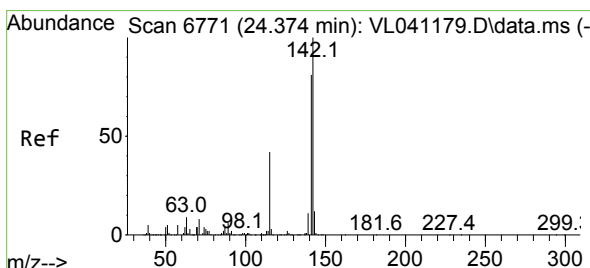
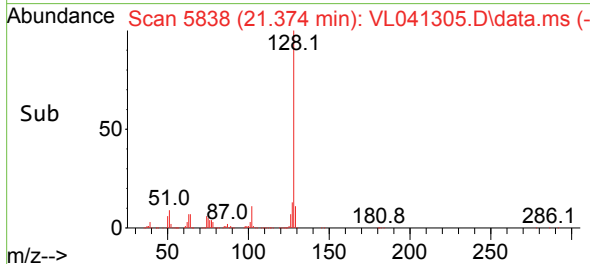
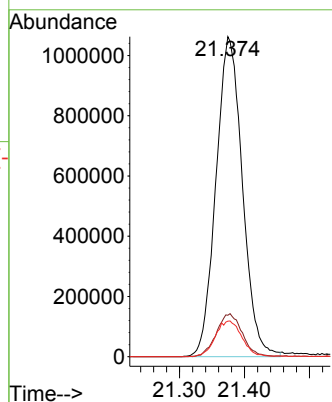
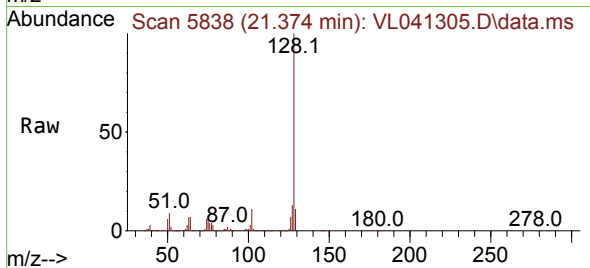
Tgt Ion:128 Resp: 2993179

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.1 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 11.459 ppbv

RT: 24.365 min Scan# 6768

Delta R.T. -0.000 min

Lab File: VL041305.D

Acq: 4 Jun 2024 13:49

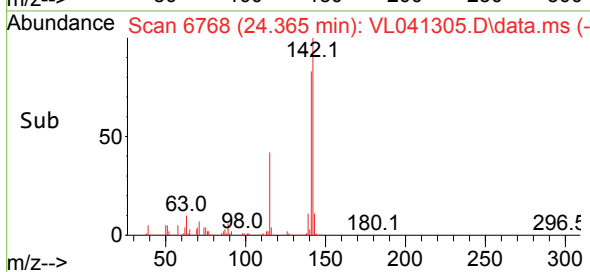
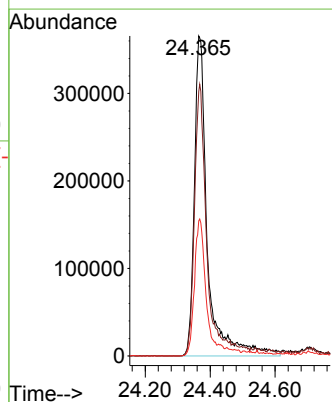
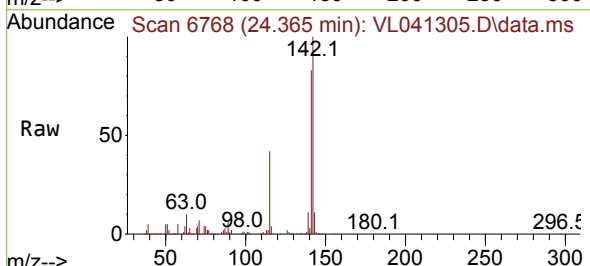
Tgt Ion:142 Resp: 1029946

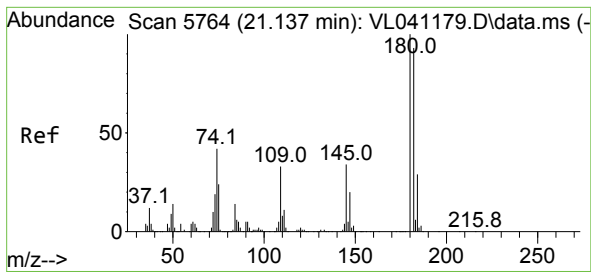
Ion Ratio Lower Upper

142 100

141 80.8 68.5 102.7

115 42.2 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.668 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041305.D
 Acq: 4 Jun 2024 13:49

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL060424

Tgt Ion:180 Resp: 1434830
 Ion Ratio Lower Upper
 180 100
 182 97.6 77.0 115.6
 184 30.7 0.0 0.0#

