

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041300.D
 Acq On : 4 Jun 2024 10:31
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 05 04:13:31 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 : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	964499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2630717	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2507402	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1934504	10.219	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.755	85	176129	1.350	ppbv	98
3) Chlorodifluoromethane	2.700	51	167563	1.144	ppbv	100
4) Chloromethane	2.835	50	62065	1.080	ppbv #	85
5) Vinyl Chloride	2.944	62	62312	1.079	ppbv	97
6) Bromomethane	3.140	94	20769	0.986	ppbv	100
7) Chloroethane	3.218	64	19964	0.979	ppbv	98
8) Dichlorotetrafluoroethane	2.880	85	151226	1.120	ppbv	94
9) Propene	2.719	41	56235	0.981	ppbv	92
10) Heptane	7.581	43	138657	0.998	ppbv	100
11) Trichlorofluoromethane	3.581	101	157148	1.185	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	54223	0.553	ppbv #	13
13) Ethanol	3.269	45	15042	1.171	ppbv	88
14) Bromoethene	3.385	108	41391	1.023	ppbv #	92
15) Acetone	3.497	43	118050	1.037	ppbv	96
16) 1,3-Butadiene	2.986	39	6214	0.108	ppbv #	10
17) tert-Butyl alcohol	3.896	59	114519	0.933	ppbv	97
18) 1,1-Dichloroethene	3.896	96	45094	1.031	ppbv	96
19) Isopropyl Alcohol	3.603	45	76014	1.018	ppbv #	45
20) Methylene Chloride	3.951	84	41816	1.056	ppbv	92
21) Allyl Chloride	4.012	41	71099	0.958	ppbv	87
22) trans-1,2-Dichloroethene	4.456	96	44432	0.977	ppbv	93
23) Vinyl Acetate	4.639	43	110183	0.879	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	104995	1.077	ppbv	97
25) Ethyl Acetate	5.218	43	236179	1.040	ppbv	99
26) Hexane	5.218	57	106392	1.049	ppbv	98
27) Carbon Disulfide	4.140	76	110863	0.924	ppbv #	93
28) Methyl tert-Butyl Ether	4.603	73	80196	0.993	ppbv	100
29) Chloroform	5.282	83	166354	1.189	ppbv	95
30) Cyclohexane	6.607	84	81809	1.019	ppbv	87
31) cis-1,2-Dichloroethene	5.086	61	95638	1.008	ppbv	92
32) 1,1,1-Trichloroethane	6.005	97	157049	1.125	ppbv	98
34) 2-Butanone	4.806	43	126532	0.945	ppbv	99
35) Carbon Tetrachloride	6.497	117	152634	1.034	ppbv	88
36) Benzene	6.375	78	208963	0.947	ppbv	97
37) 1,2-Dichloroethane	5.816	62	117672	1.022	ppbv	99
38) Trichloroethene	7.295	130	80606	0.980	ppbv	93
39) 1,2-Dichloropropane	7.073	63	45693	0.537	ppbv	92
40) 1,4-Dioxane	7.311	88	24288	0.799	ppbv #	1
41) Tetrahydrofuran	5.578	42	79388	0.819	ppbv	91
42) Bromodichloromethane	7.250	83	172514	1.044	ppbv	97
43) Methyl Methacrylate	7.478	69	75140	0.842	ppbv	87
44) 2,2,4-Trimethylpentane	7.327	57	373210	0.980	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	45555	0.704	ppbv	97

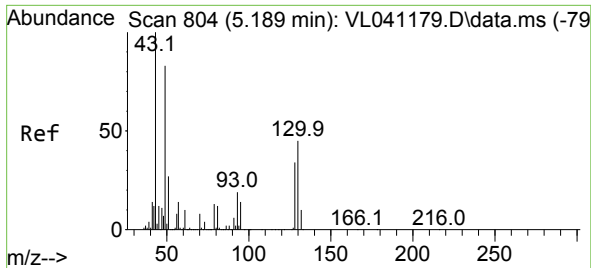
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041300.D
 Acq On : 4 Jun 2024 10:31
 Operator : SY/MD
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Instrument :
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 VSTDICC001

Quant Time: Jun 05 04:13:31 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 : Fri May 24 23:11:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	29684	0.375	ppbv	91
47) 1,1,2-Trichloroethane	8.896	97	85775	1.007	ppbv	92
48) Dibromochloromethane	9.709	129	139926	1.031	ppbv	99
49) Bromoform	12.401	173	108070	0.936	ppbv	98
50) 4-Methyl-2-Pentanone	8.192	43	214494	0.893	ppbv	100
51) 2-Hexanone	9.558	43	146506	0.822	ppbv #	96
52) Tetrachloroethene	10.610	164	76565	0.987	ppbv	92
53) Toluene	9.217	91	240375	0.939	ppbv	99
54) 1,2-Dibromoethane	10.005	107	116724	1.012	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.503	131	114489	1.126	ppbv #	1
57) Chlorobenzene	11.520	112	205567	1.119	ppbv	96
58) Ethyl Benzene	12.082	91	336367	0.978	ppbv	99
59) m/p-Xylene	12.362	91	79699	0.276	ppbv #	31
60) o-Xylene	13.047	91	136884	0.505	ppbv #	31
61) Styrene	12.892	104	126815	0.886	ppbv	100
62) Isopropylbenzene	14.024	105	426047	1.052	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	114358	0.619	ppbv #	41
64) n-propylbenzene	14.905	120	62862	0.622	ppbv	86
65) tert-Butylbenzene	16.085	119	383062	1.056	ppbv	99
66) Benzyl Chloride	16.317	91	6201	0.151	ppbv #	1
67) sec-Butylbenzene	16.632	105	542266	1.062	ppbv	100
69) p-Isopropyltoluene	16.986	119	451420	1.072	ppbv	99
70) n-Butylbenzene	17.876	91	454514	1.034	ppbv	98
71) 2-Chlorotoluene	14.790	91	323178	1.048	ppbv	100
72) 4-Ethyltoluene	15.188	105	312386	1.018	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	272731	0.982	ppbv	93
74) 1,2,4-Trimethylbenzene	16.095	105	326021	1.075	ppbv #	90
75) 1,3-Dichlorobenzene	16.323	146	185001	1.064	ppbv	98
76) 1,4-Dichlorobenzene	16.465	146	181212	1.084	ppbv	97
77) 1,2-Dichlorobenzene	17.133	146	181338	1.044	ppbv	95
78) Hexachloro-1,3-Butadiene	22.619	225	89321	0.578	ppbv #	18
79) Naphthalene	21.381	128	269330	0.933	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	55561	0.478	ppbv	89
81) 1,2,4-Trichlorobenzene	21.137	180	147494	0.968	ppbv	100

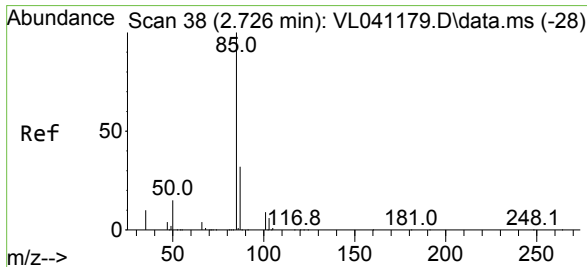
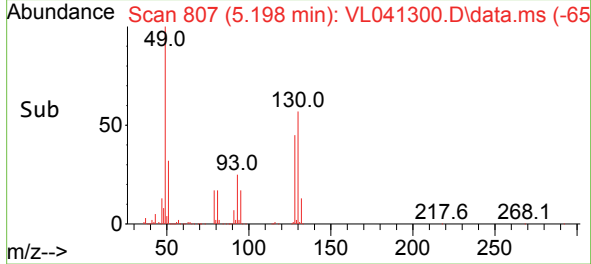
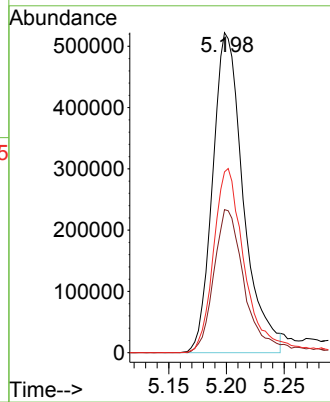
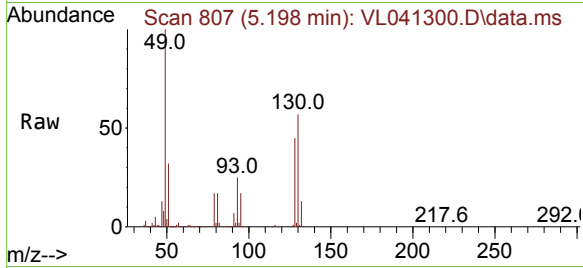
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

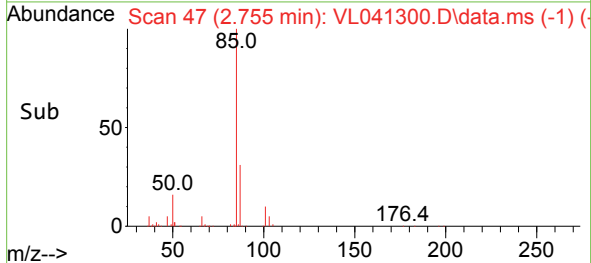
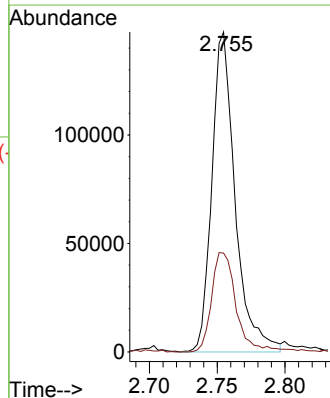
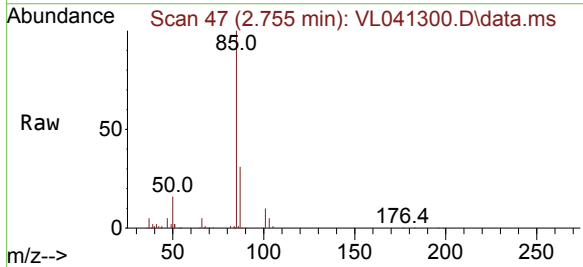
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

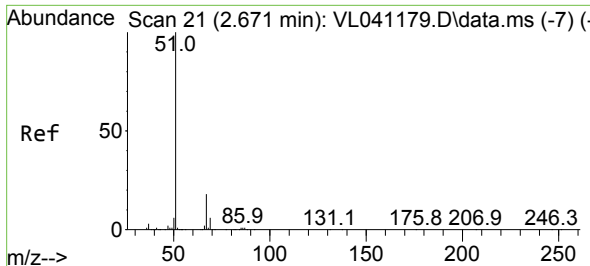
Tgt Ion: 49 Resp: 964499
Ion Ratio Lower Upper
49 100
128 47.0 21.5 64.5
130 61.2 27.2 81.6



#2
Dichlorodifluoromethane
Concen: 1.350 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.010 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 85 Resp: 176129
Ion Ratio Lower Upper
85 100
87 30.9 25.7 38.5

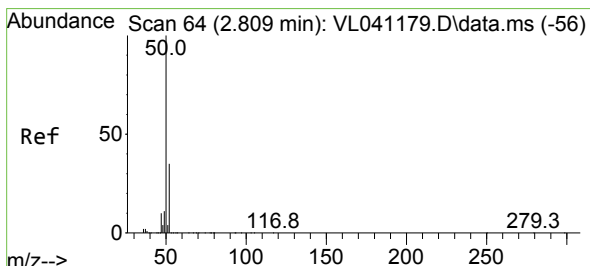
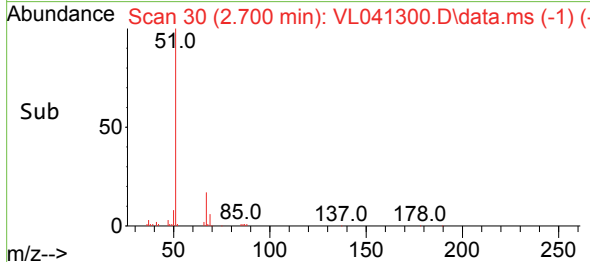
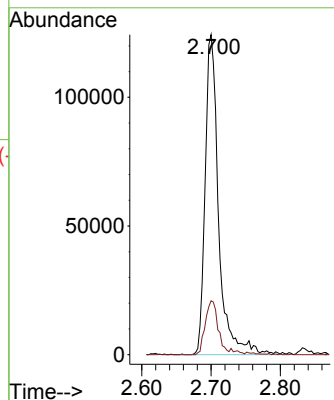
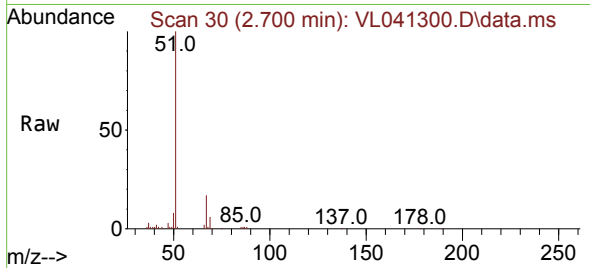




#3
Chlorodifluoromethane
Concen: 1.144 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

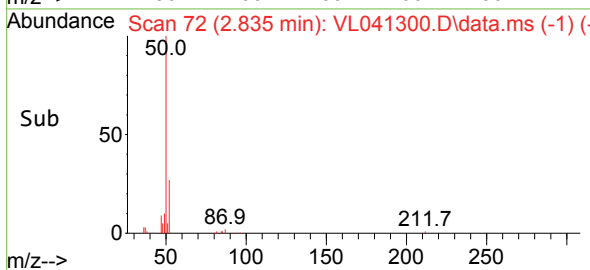
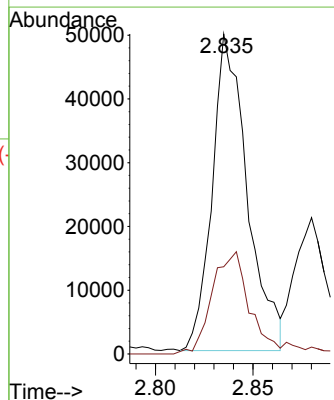
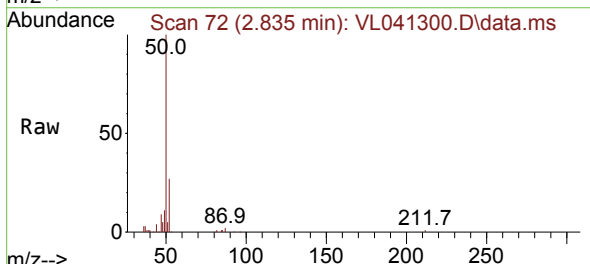
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ClientSampleId :
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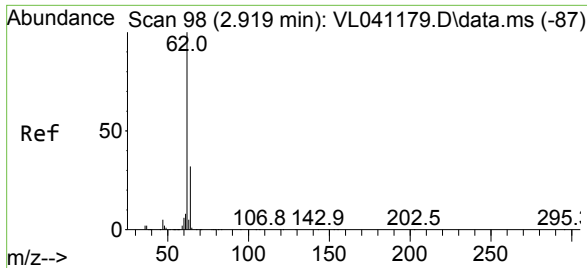
Tgt Ion: 51 Resp: 167563
Ion Ratio Lower Upper
51 100
67 17.6 14.0 21.0



#4
Chloromethane
Concen: 1.080 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.007 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 50 Resp: 62065
Ion Ratio Lower Upper
50 100
52 26.8 28.3 42.5#

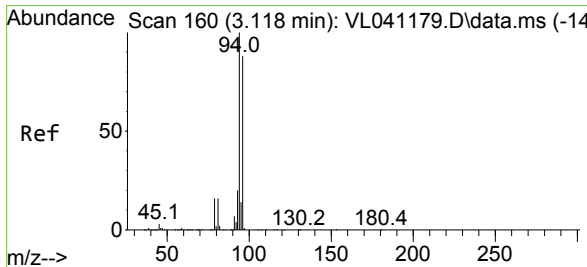
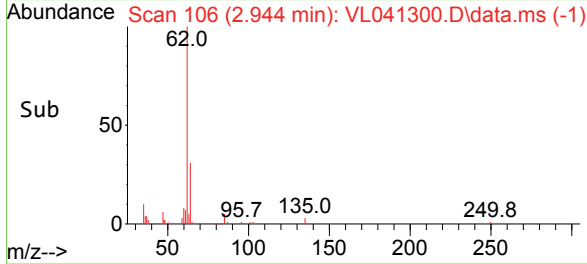
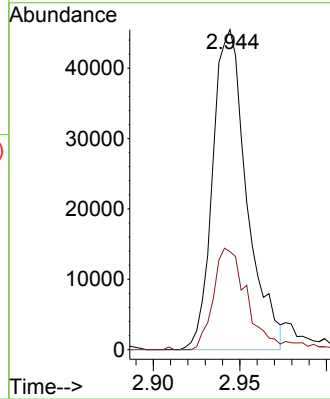
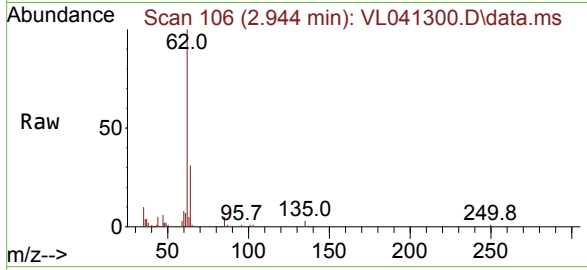




#5
 Vinyl Chloride
 Concen: 1.079 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.010 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

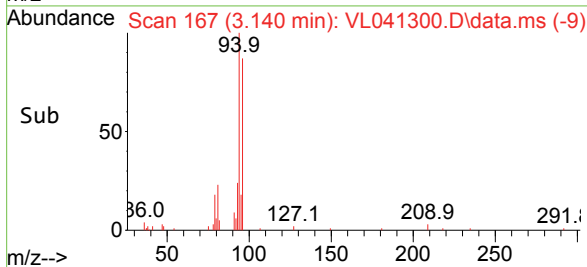
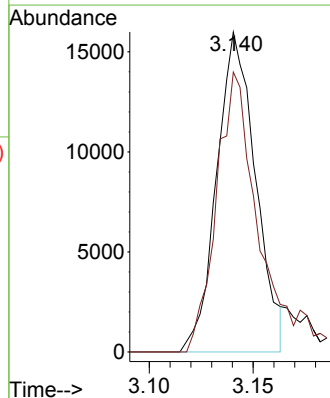
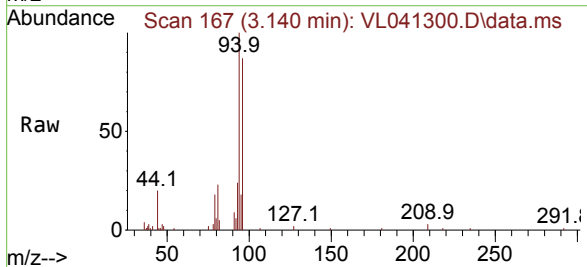
Instrument :
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 ClientSampleId :
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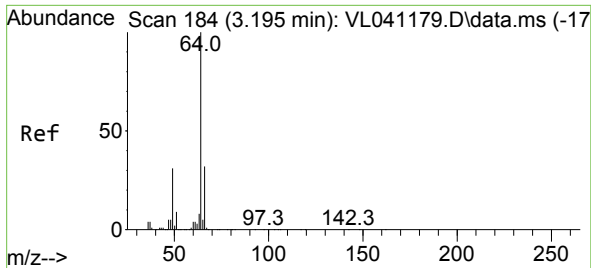
Tgt Ion: 62 Resp: 62312
 Ion Ratio Lower Upper
 62 100
 64 30.6 25.7 38.5



#6
 Bromomethane
 Concen: 0.986 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.006 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Tgt Ion: 94 Resp: 20769
 Ion Ratio Lower Upper
 94 100
 96 87.5 70.1 105.1

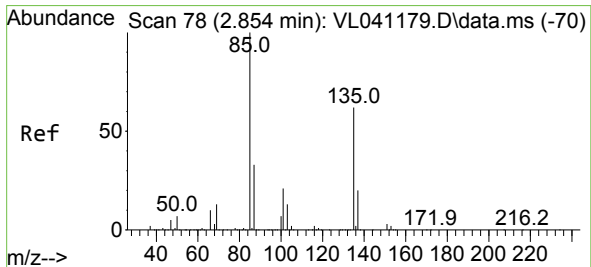
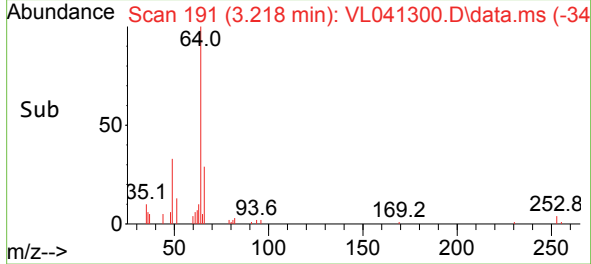
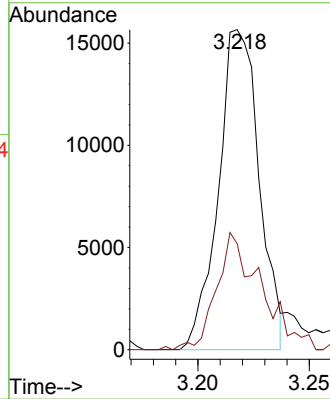
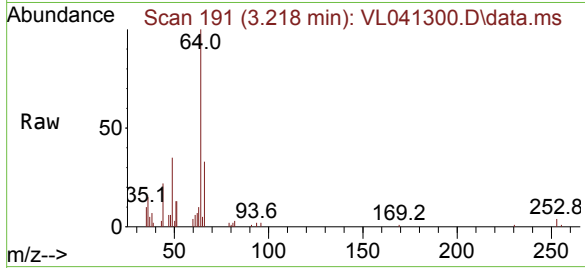




#7
Chloroethane
Concen: 0.979 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

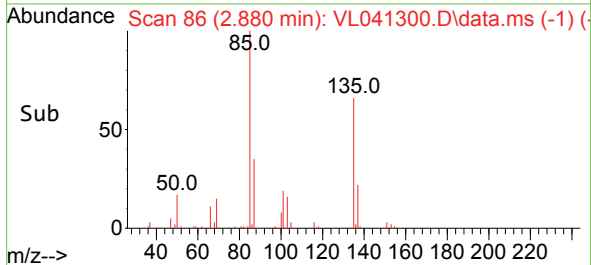
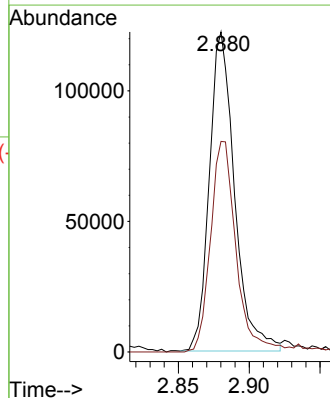
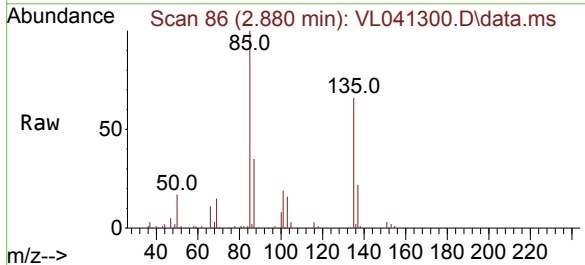
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

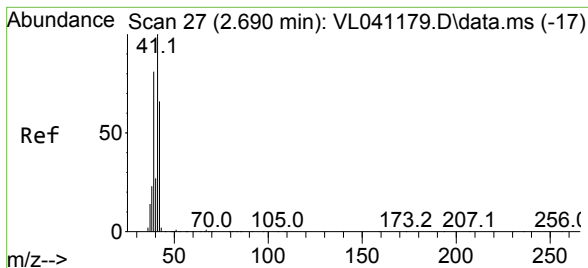
Tgt Ion: 64 Resp: 19964
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 1.120 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.007 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 85 Resp: 151226
Ion Ratio Lower Upper
85 100
135 69.0 51.5 77.3





#9

Propene

Concen: 0.981 ppbv

RT: 2.719 min Scan# 30

Delta R.T. 0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

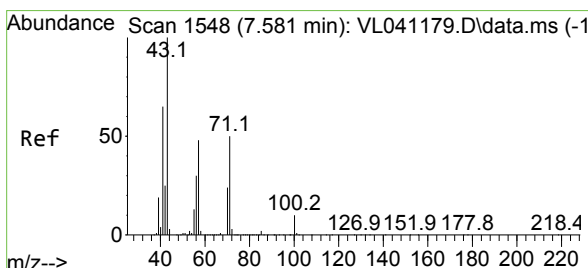
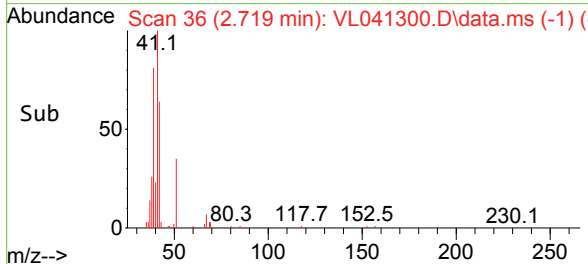
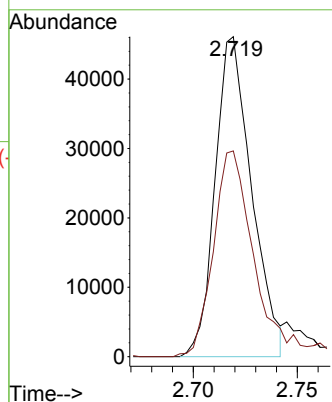
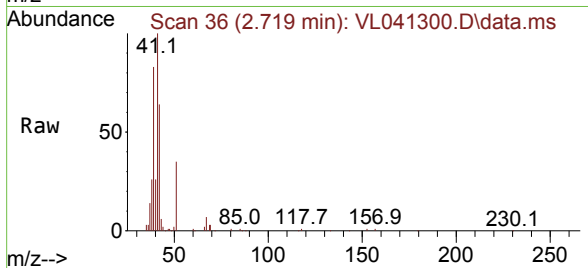
VSTDIC001

Tgt Ion: 41 Resp: 56235

Ion Ratio Lower Upper

41 100

42 75.9 55.3 82.9



#10

Heptane

Concen: 0.998 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.016 min

Lab File: VL041300.D

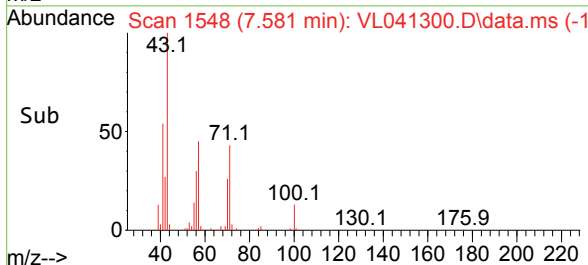
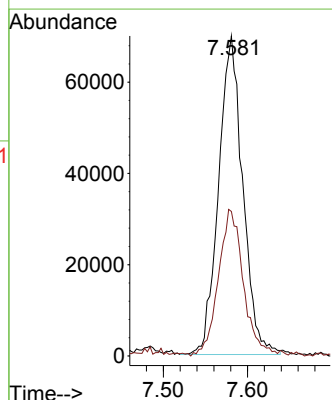
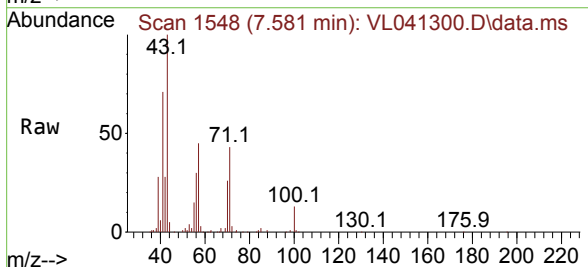
Acq: 4 Jun 2024 10:31

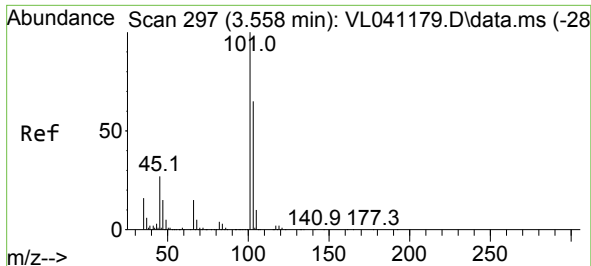
Tgt Ion: 43 Resp: 138657

Ion Ratio Lower Upper

43 100

57 48.6 38.7 58.1

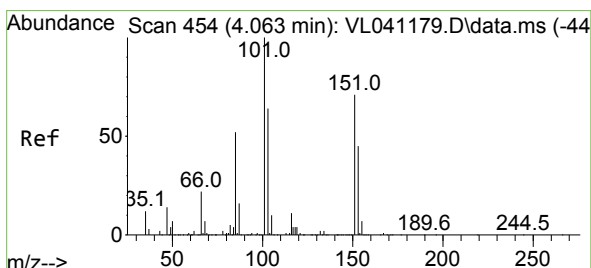
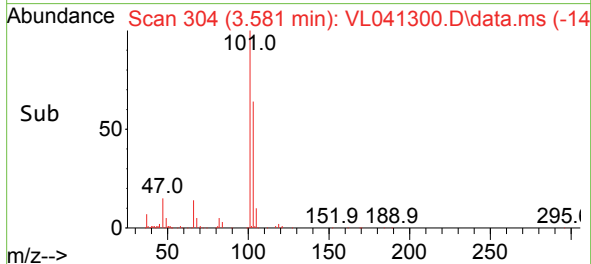
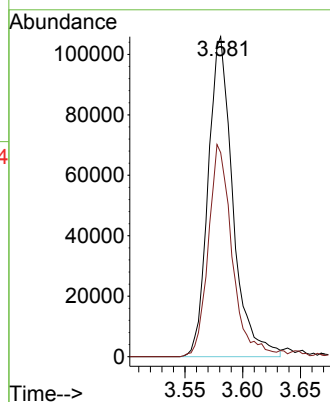
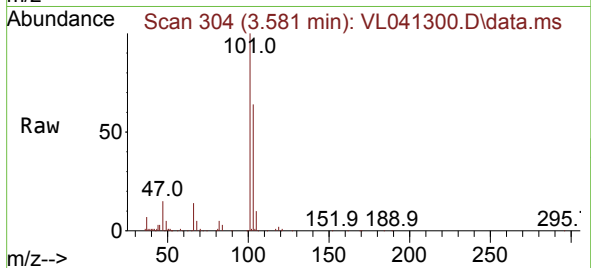




#11
 Trichlorofluoromethane
 Concen: 1.185 ppbv
 RT: 3.581 min Scan# 304
 Delta R.T. 0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

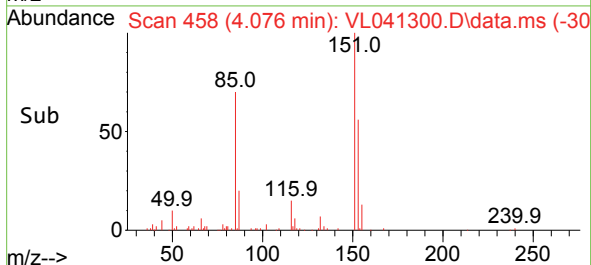
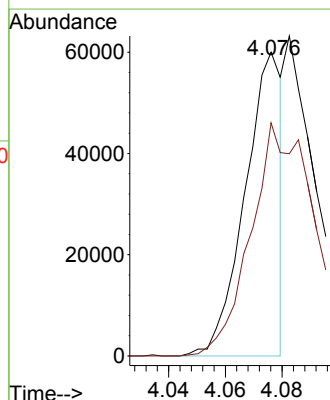
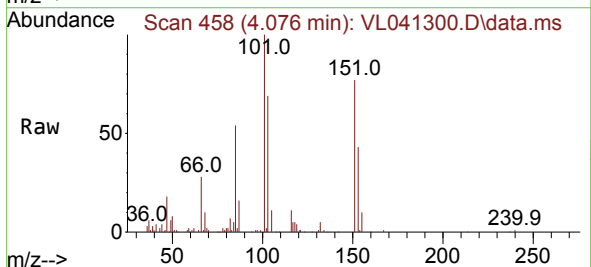
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

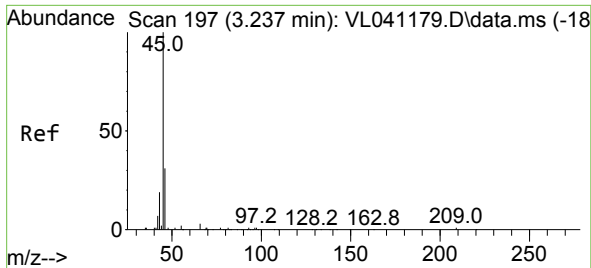
Tgt Ion:101 Resp: 157148
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.553 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. -0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Tgt Ion:101 Resp: 54223
 Ion Ratio Lower Upper
 101 100
 151 143.2 56.8 85.2#

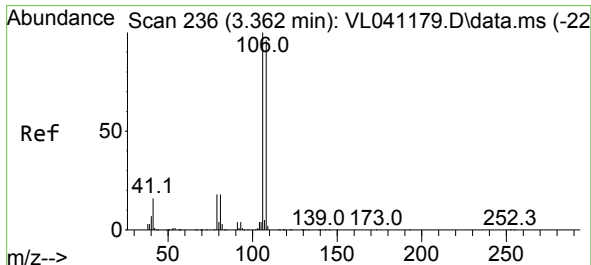
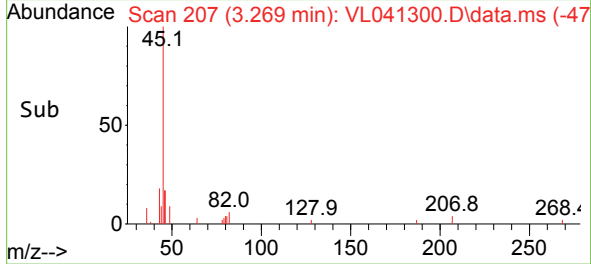
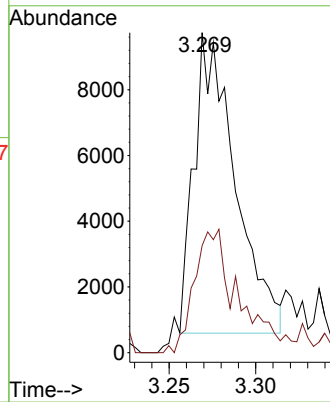
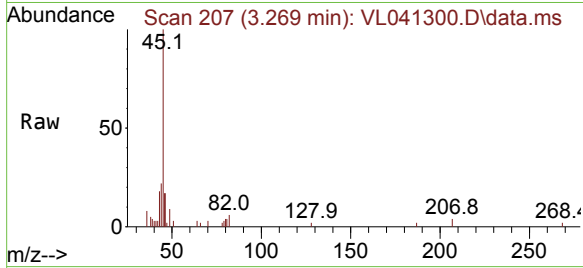




#13
Ethanol
Concen: 1.171 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.013 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

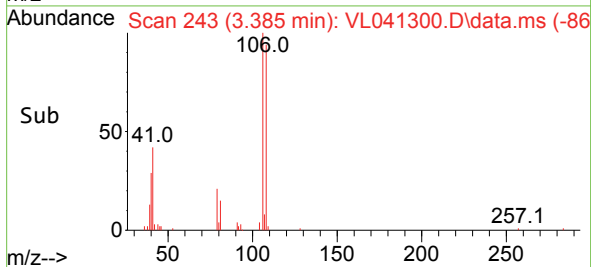
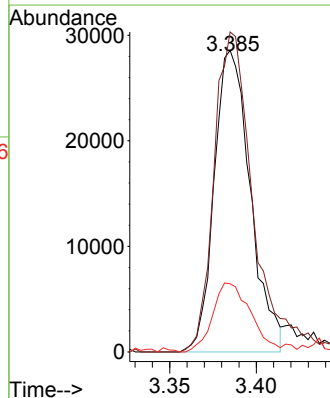
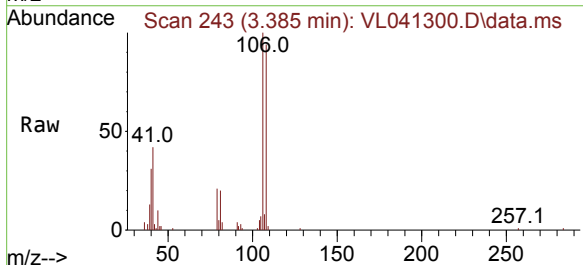
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

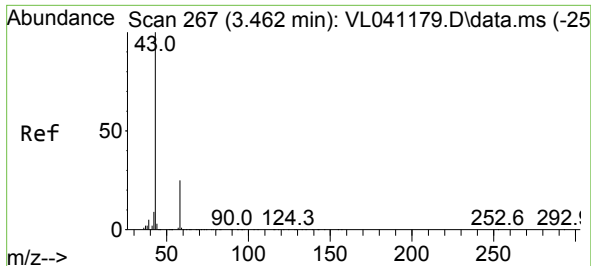
Tgt Ion: 45 Resp: 15042
Ion Ratio Lower Upper
45 100
46 43.9 14.8 59.0



#14
Bromoethene
Concen: 1.023 ppbv
RT: 3.385 min Scan# 243
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 108 Resp: 41391
Ion Ratio Lower Upper
108 100
106 118.0 88.2 132.4
79 26.5 17.4 26.0#





#15

Acetone

Concen: 1.037 ppbv

RT: 3.497 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

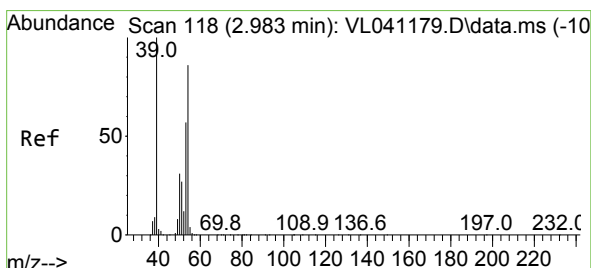
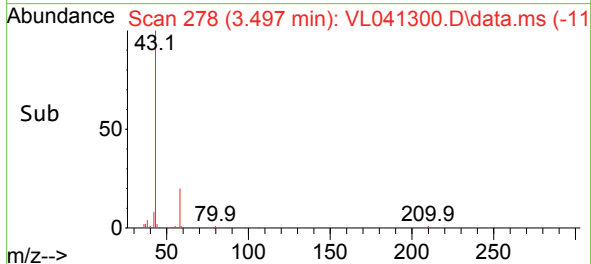
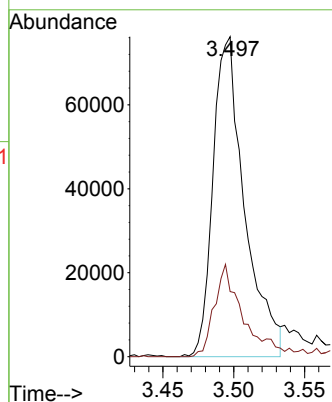
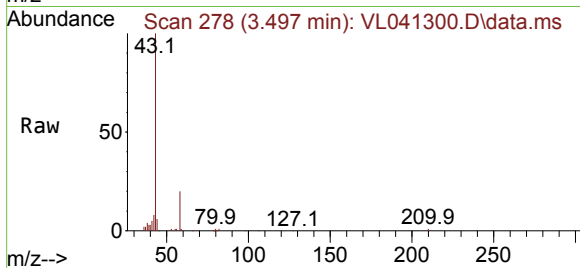
VSTDIC001

Tgt Ion: 43 Resp: 118050

Ion Ratio Lower Upper

43 100

58 28.6 21.4 32.0



#16

1,3-Butadiene

Concen: 0.108 ppbv

RT: 2.986 min Scan# 119

Delta R.T. -0.013 min

Lab File: VL041300.D

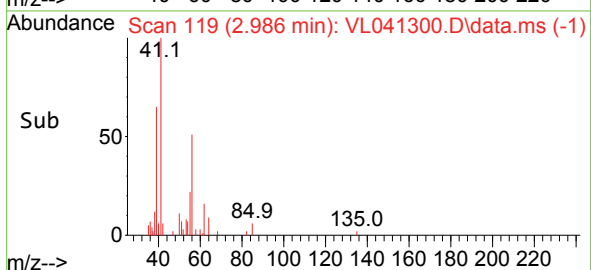
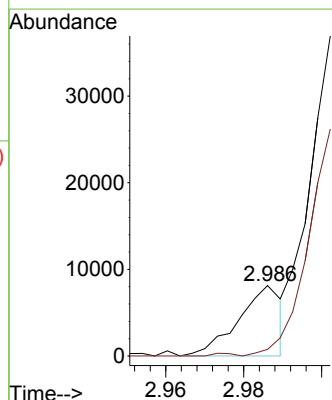
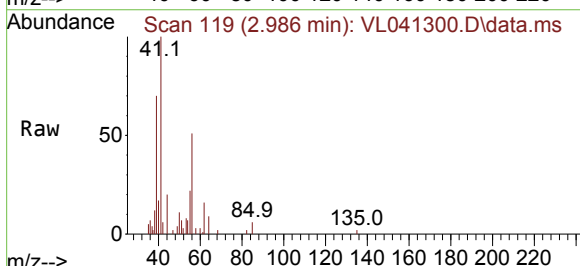
Acq: 4 Jun 2024 10:31

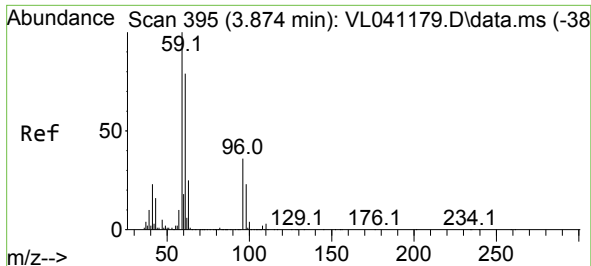
Tgt Ion: 39 Resp: 6214

Ion Ratio Lower Upper

39 100

54 0.0 62.2 93.4#





#17

tert-Butyl alcohol

Concen: 0.933 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.007 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

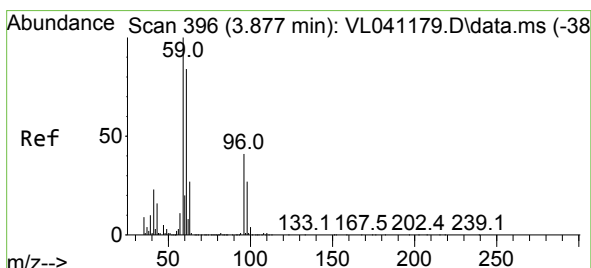
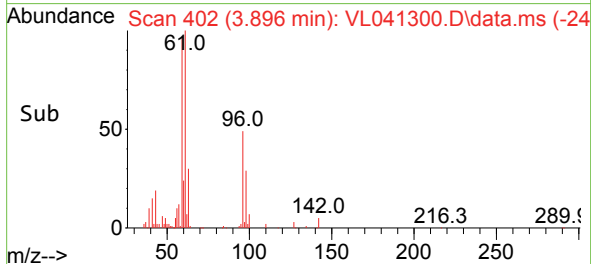
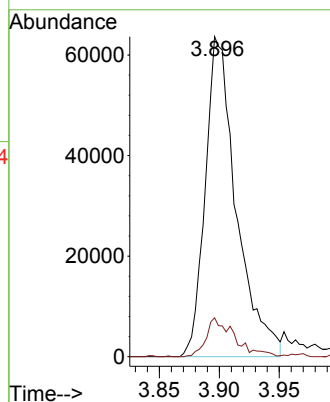
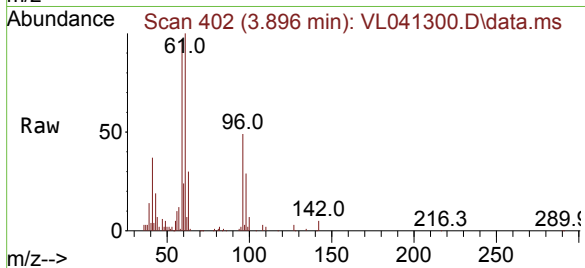
VSTDICC001

Tgt Ion: 59 Resp: 114519

Ion Ratio Lower Upper

59 100

57 11.7 8.4 12.6



#18

1,1-Dichloroethene

Concen: 1.031 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

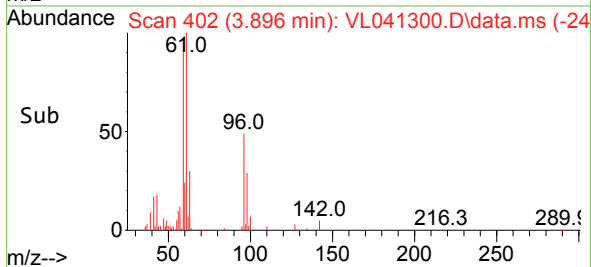
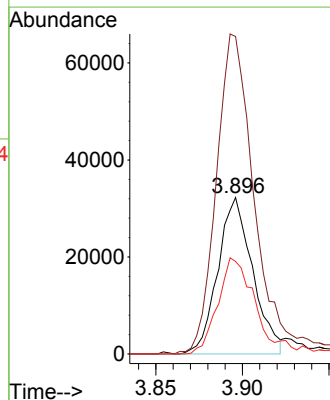
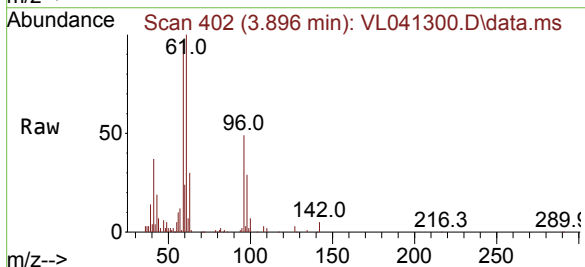
Tgt Ion: 96 Resp: 45094

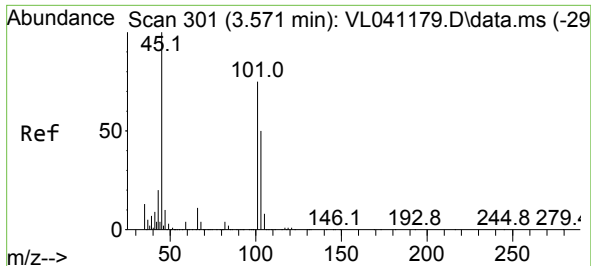
Ion Ratio Lower Upper

96 100

61 201.1 164.4 246.6

98 59.1 51.8 77.8





#19

Isopropyl Alcohol

Concen: 1.018 ppbv

RT: 3.603 min Scan# 311

Delta R.T. 0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

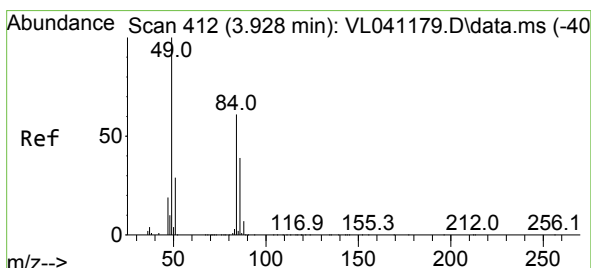
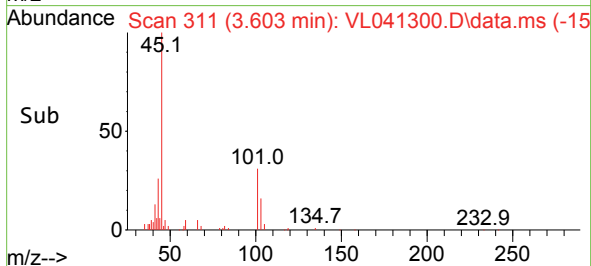
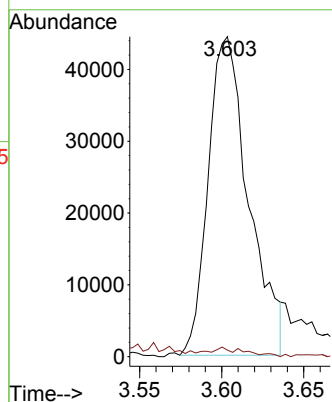
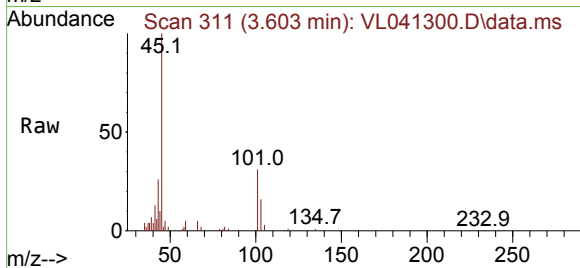
VSTDICC001

Tgt Ion: 45 Resp: 76014

Ion Ratio Lower Upper

45 100

58 2.5 26.8 40.2#



#20

Methylene Chloride

Concen: 1.056 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion: 84 Resp: 41816

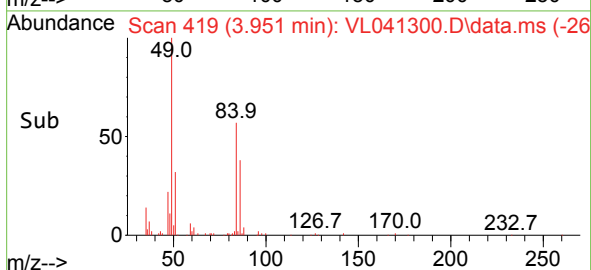
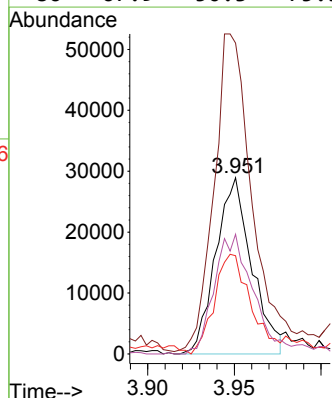
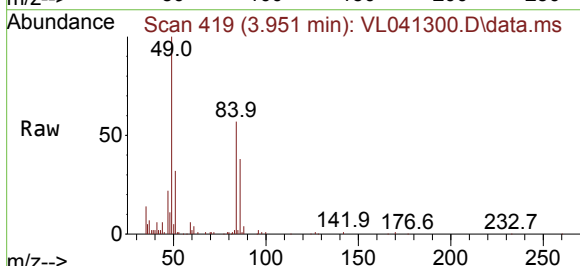
Ion Ratio Lower Upper

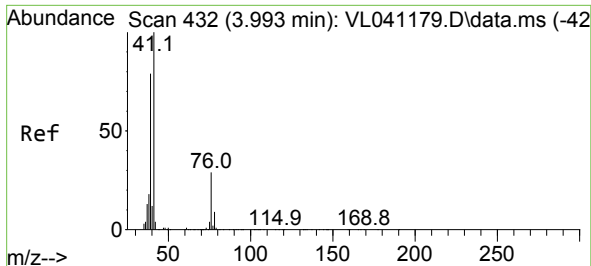
84 100

49 174.2 130.4 195.6

51 53.7 38.0 57.0

86 67.9 50.3 75.5





#21

Allyl Chloride

Concen: 0.958 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

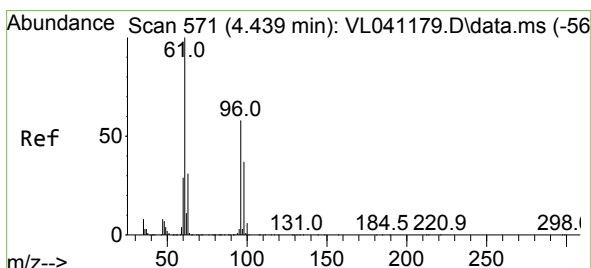
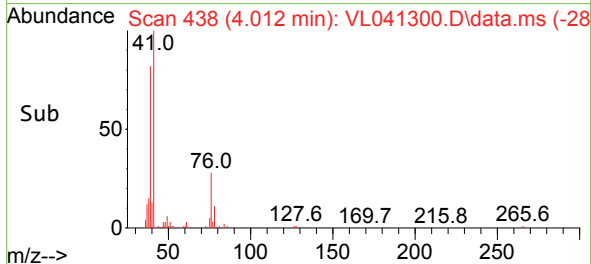
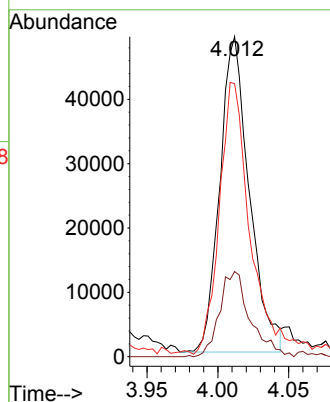
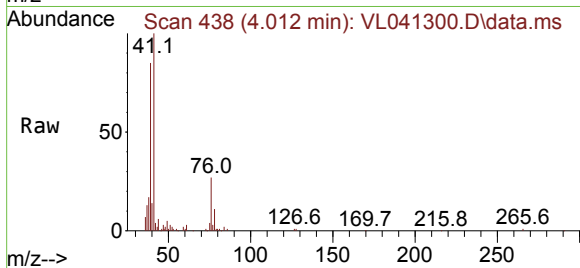
Tgt Ion: 41 Resp: 71099

Ion Ratio Lower Upper

41 100

76 28.8 23.7 35.5

39 96.6 64.7 97.1



#22

trans-1,2-Dichloroethene

Concen: 0.977 ppbv

RT: 4.456 min Scan# 576

Delta R.T. -0.006 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

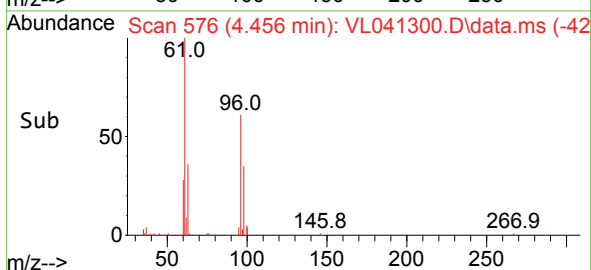
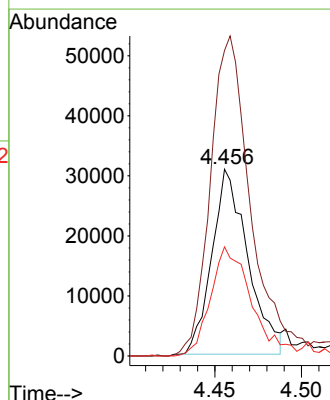
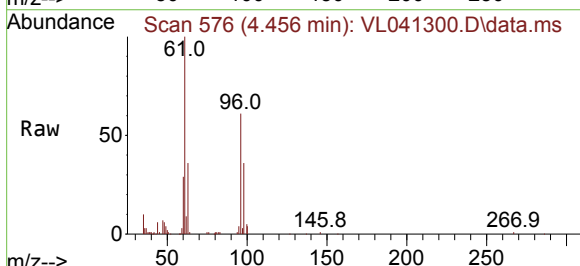
Tgt Ion: 96 Resp: 44432

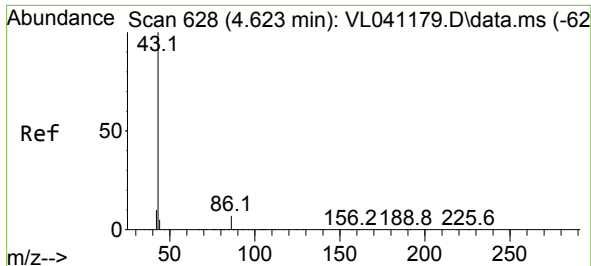
Ion Ratio Lower Upper

96 100

61 162.8 137.6 206.4

98 58.5 50.6 76.0



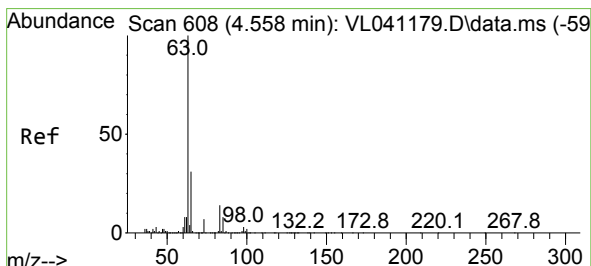
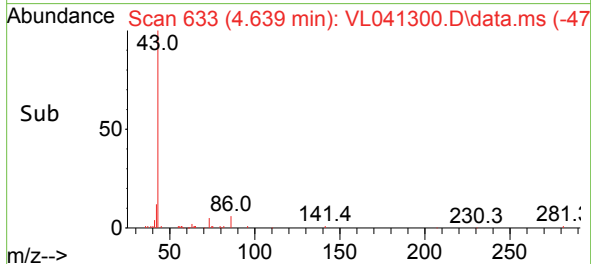
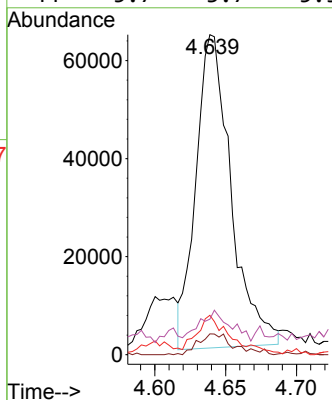
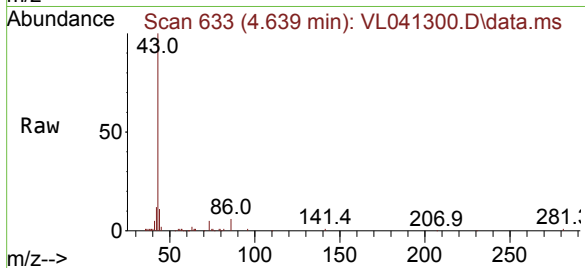


#23
Vinyl Acetate
Concen: 0.879 ppbv
RT: 4.639 min Scan# 613
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 110183

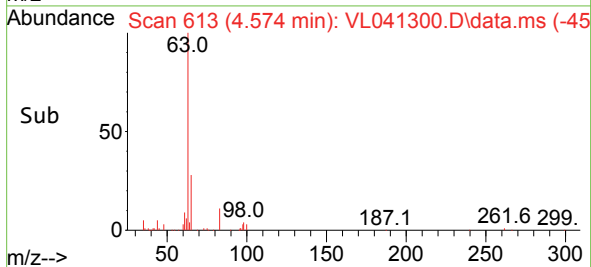
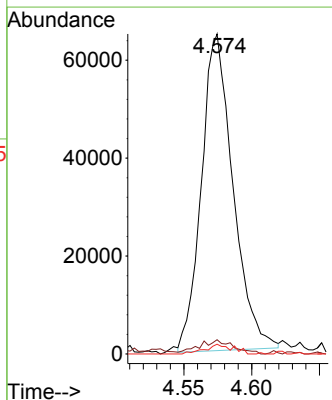
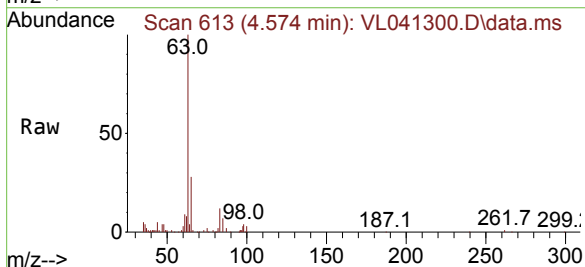
Ion	Ratio	Lower	Upper
43	100		
86	6.8	4.9	7.3
42	12.4	8.0	12.0#
44	5.7	3.7	5.5#

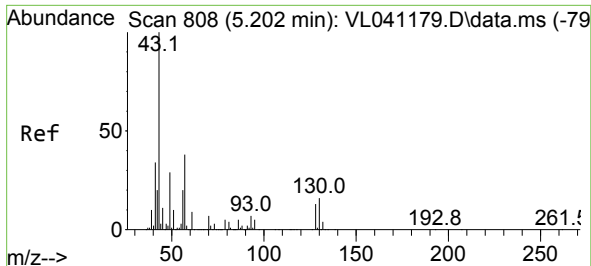


#24
1,1-Dichloroethane
Concen: 1.077 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 63 Resp: 104995

Ion	Ratio	Lower	Upper
63	100		
98	4.2	1.6	4.8
100	3.1	1.1	3.5





#25

Ethyl Acetate

Concen: 1.040 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 236179

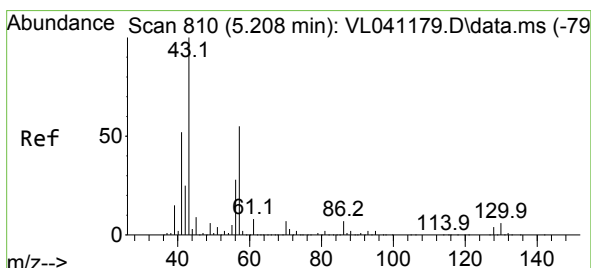
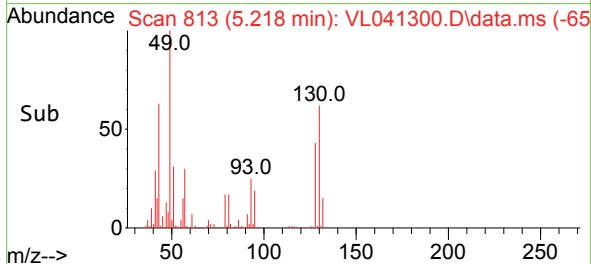
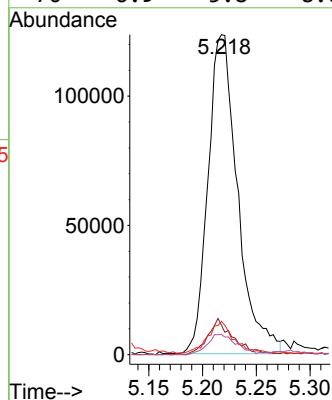
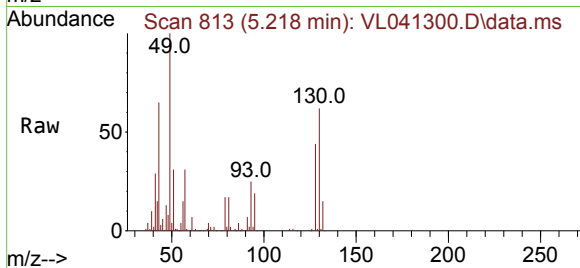
Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.2

61 10.4 7.7 11.5

70 6.9 5.8 8.6



#26

Hexane

Concen: 1.049 ppbv

RT: 5.218 min Scan# 813

Delta R.T. -0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion: 57 Resp: 106392

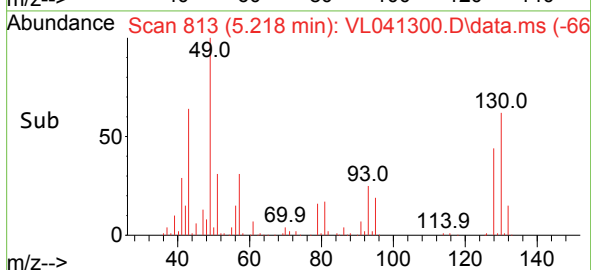
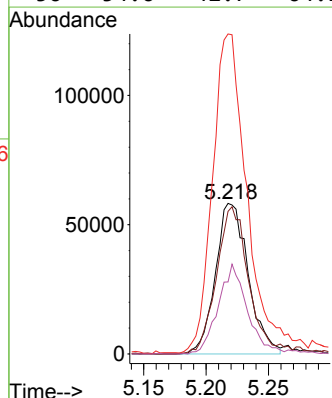
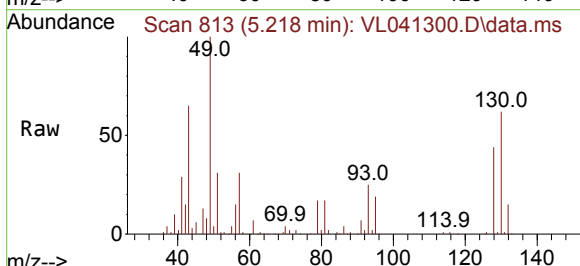
Ion Ratio Lower Upper

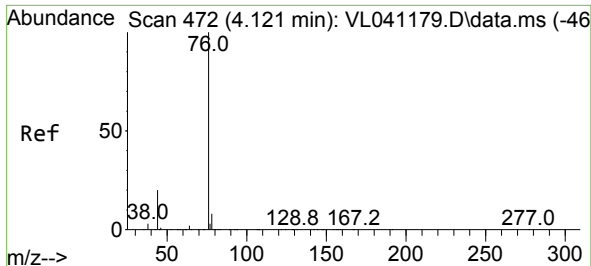
57 100

41 99.9 75.8 113.8

43 235.7 187.0 280.4

56 54.6 42.7 64.1

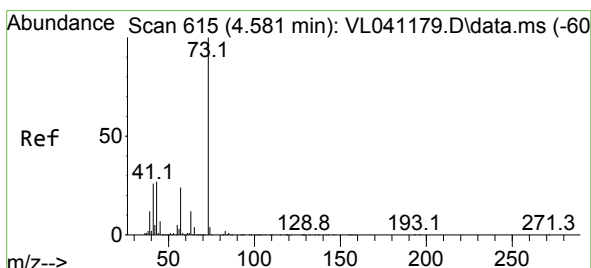
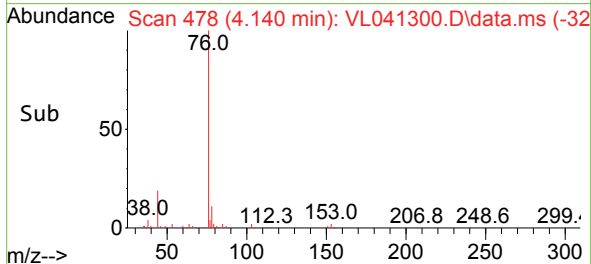
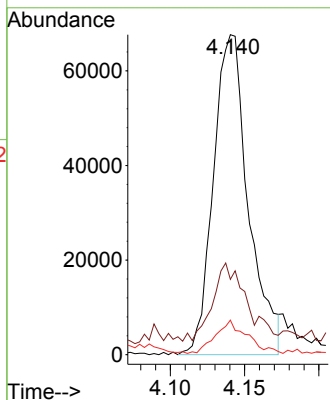
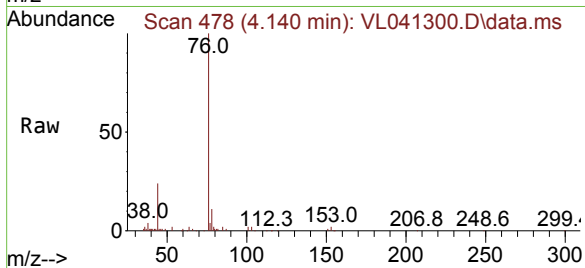




#27
Carbon Disulfide
Concen: 0.924 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

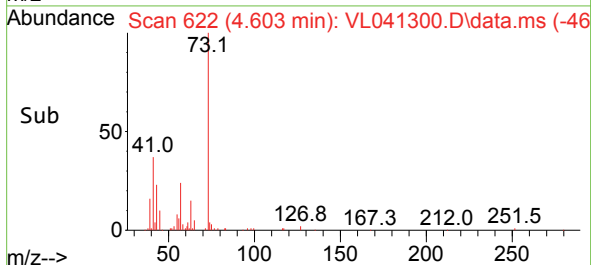
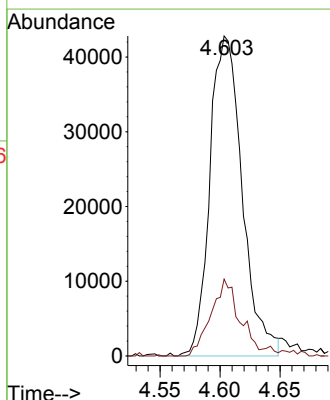
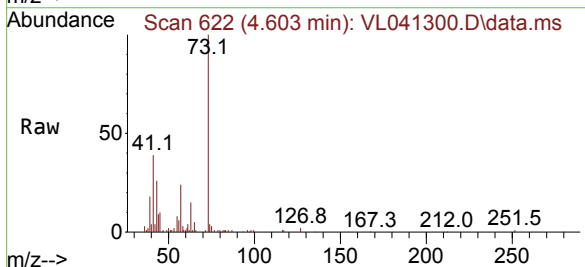
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

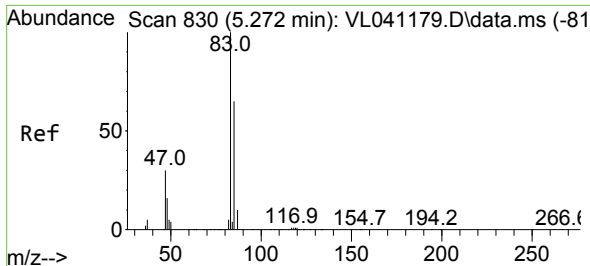
Tgt Ion: 76 Resp: 110863
Ion Ratio Lower Upper
76 100
44 25.2 16.3 24.5#
78 9.4 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 0.993 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 73 Resp: 80196
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 1.189 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

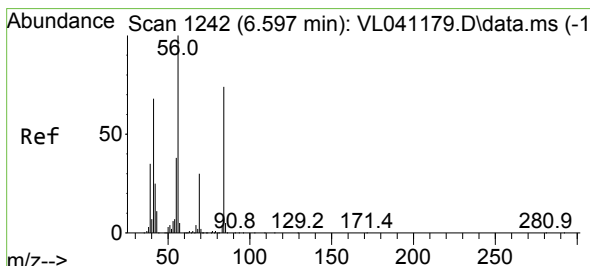
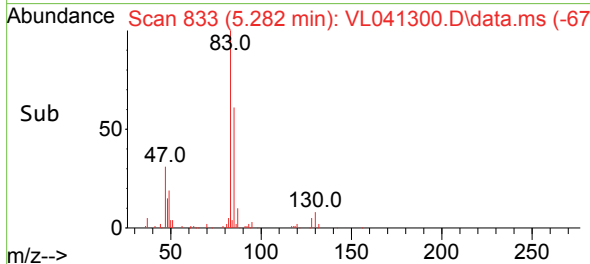
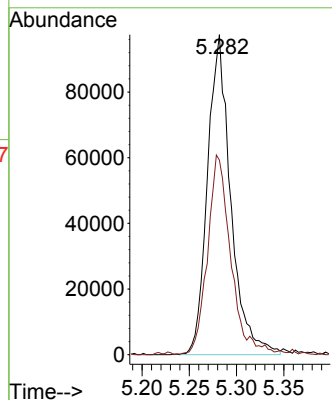
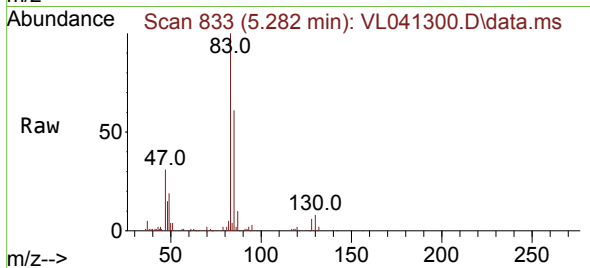
VSTDIC001

Tgt Ion: 83 Resp: 166354

Ion Ratio Lower Upper

83 100

85 60.6 51.7 77.5



#30

Cyclohexane

Concen: 1.019 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

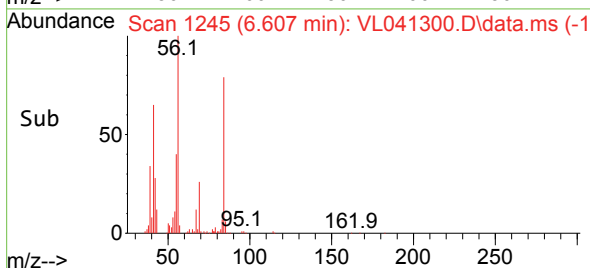
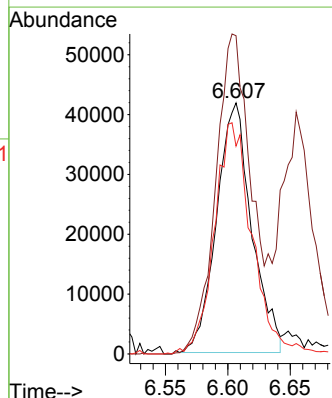
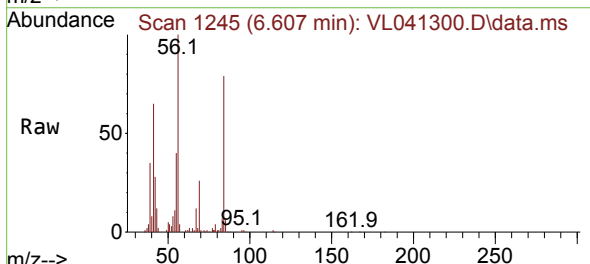
Tgt Ion: 84 Resp: 81809

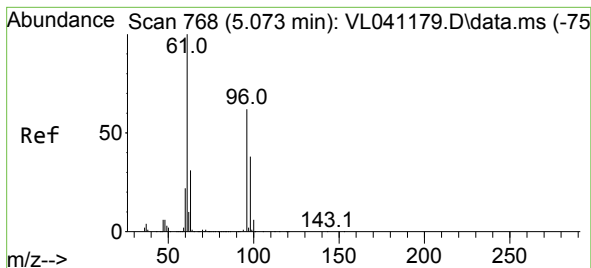
Ion Ratio Lower Upper

84 100

56 126.7 116.8 175.2

41 100.0 73.8 110.8





#31

cis-1,2-Dichloroethene

Concen: 1.008 ppbv

RT: 5.086 min Scan# 7

Delta R.T. -0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

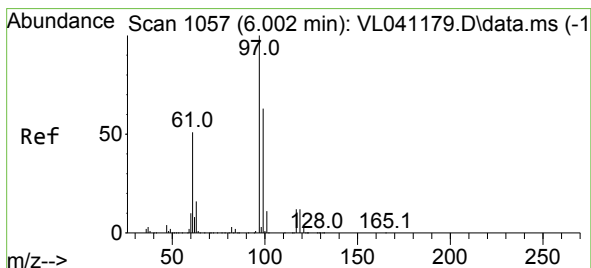
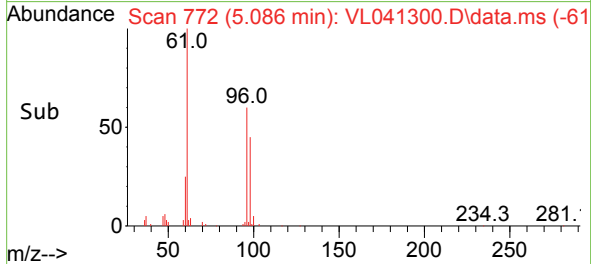
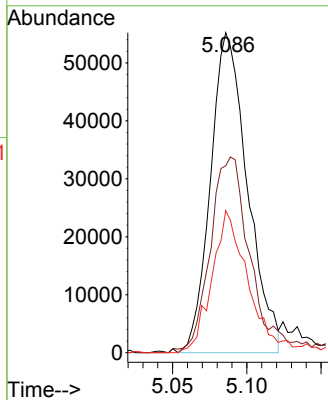
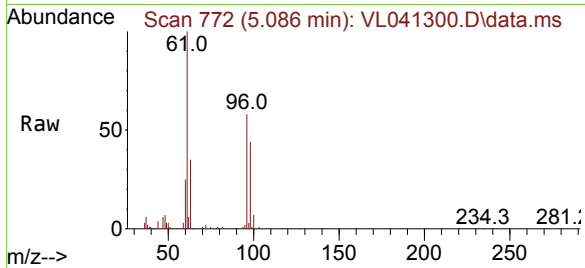
Tgt Ion: 61 Resp: 95638

Ion Ratio Lower Upper

61 100

96 57.3 49.8 74.6

98 44.4 30.0 45.0



#32

1,1,1-Trichloroethane

Concen: 1.125 ppbv

RT: 6.005 min Scan# 1058

Delta R.T. -0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

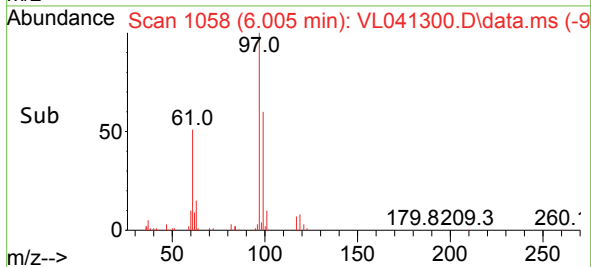
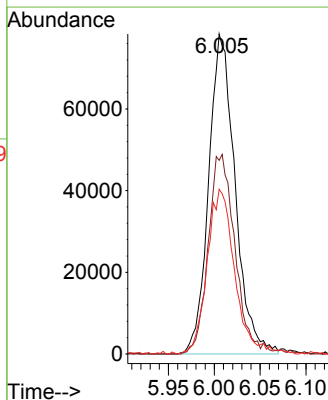
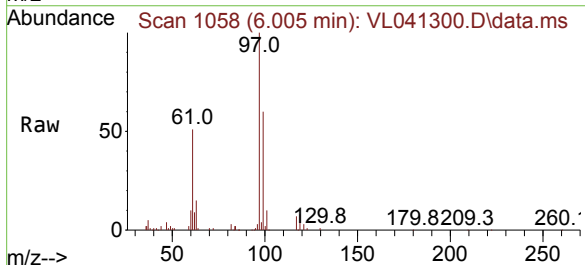
Tgt Ion: 97 Resp: 157049

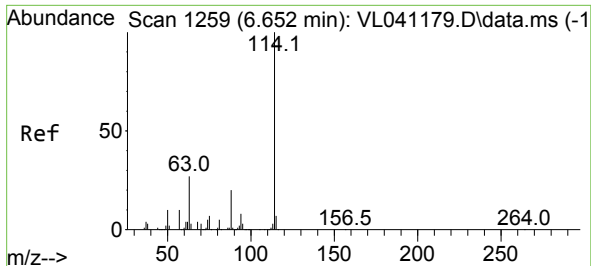
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 53.8 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

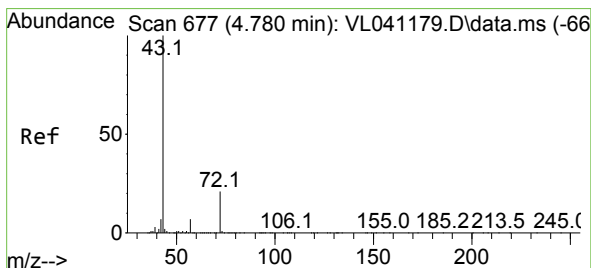
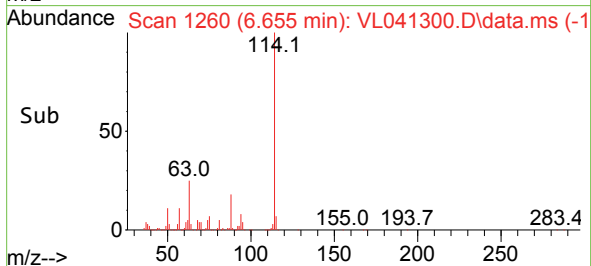
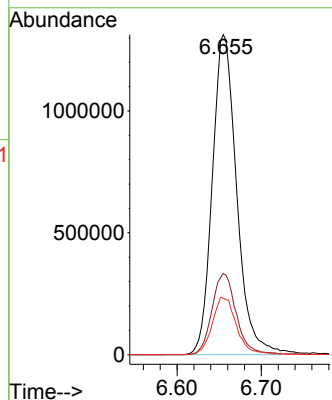
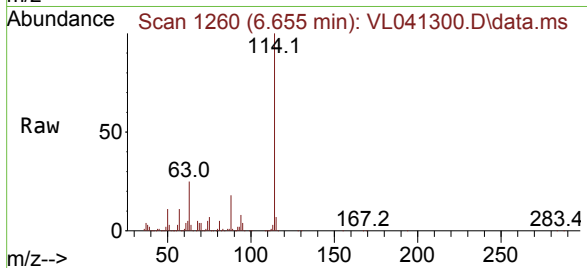
Tgt Ion:114 Resp: 2630717

Ion Ratio Lower Upper

114 100

63 25.7 21.8 32.6

88 18.1 15.2 22.8



#34

2-Butanone

Concen: 0.945 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.007 min

Lab File: VL041300.D

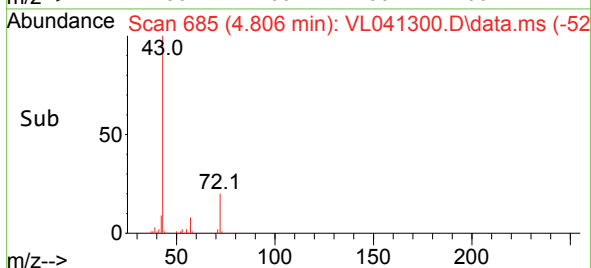
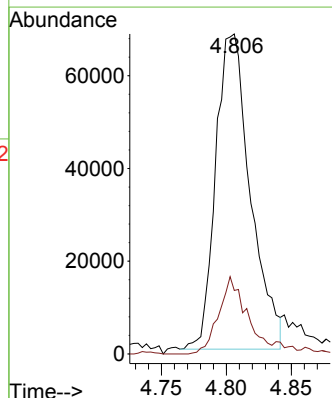
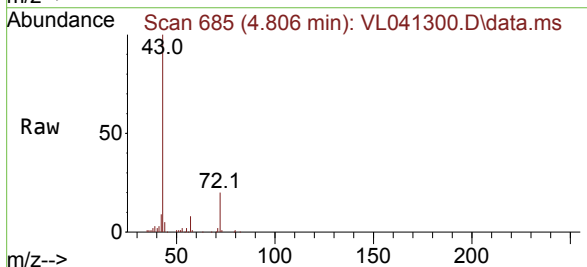
Acq: 4 Jun 2024 10:31

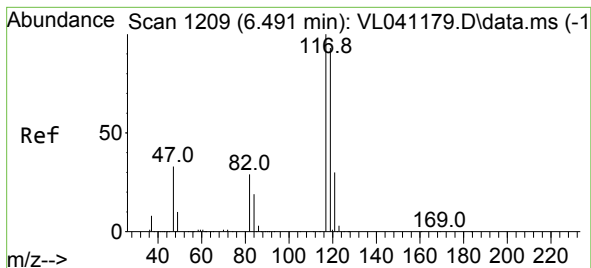
Tgt Ion: 43 Resp: 126532

Ion Ratio Lower Upper

43 100

72 22.3 17.3 25.9





#35

Carbon Tetrachloride

Concen: 1.034 ppbv

RT: 6.497 min Scan# 117

Delta R.T. -0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

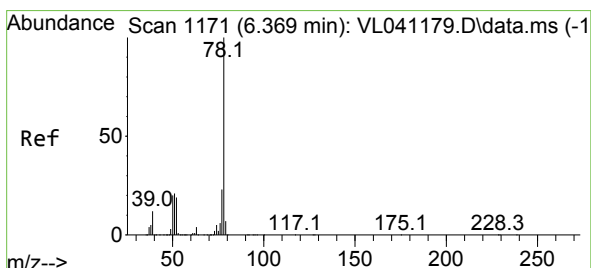
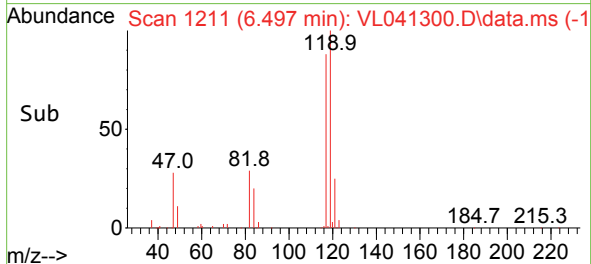
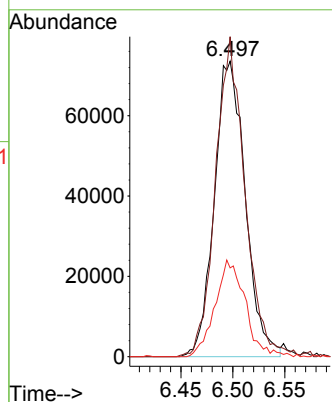
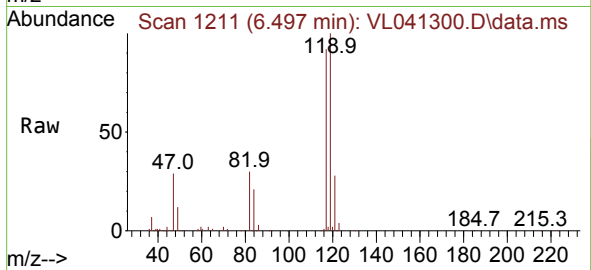
Tgt Ion:117 Resp: 152634

Ion Ratio Lower Upper

117 100

119 107.8 74.3 111.5

121 30.3 23.8 35.8



#36

Benzene

Concen: 0.947 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. -0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

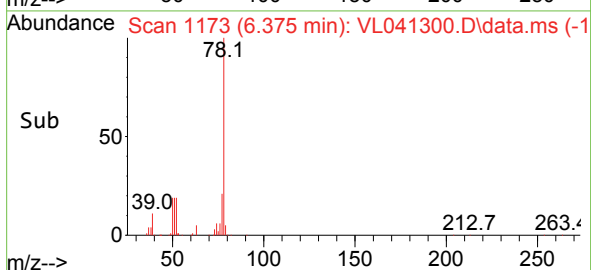
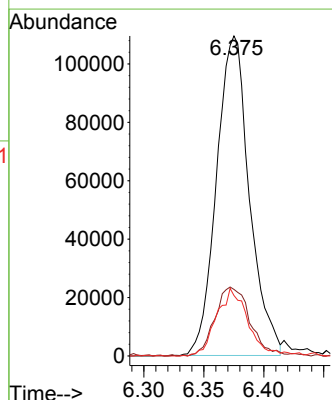
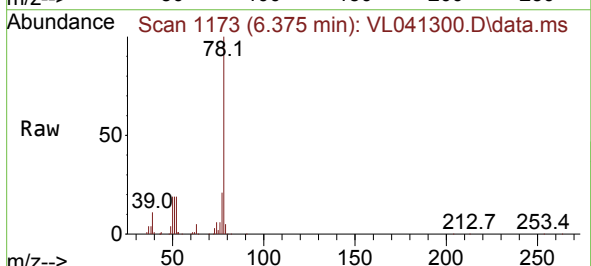
Tgt Ion: 78 Resp: 208963

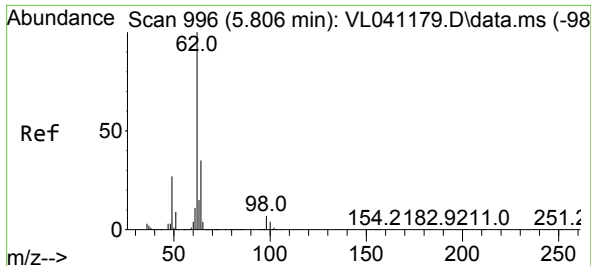
Ion Ratio Lower Upper

78 100

77 20.8 18.3 27.5

50 19.0 15.9 23.9

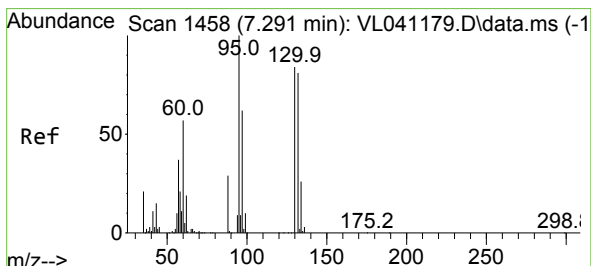
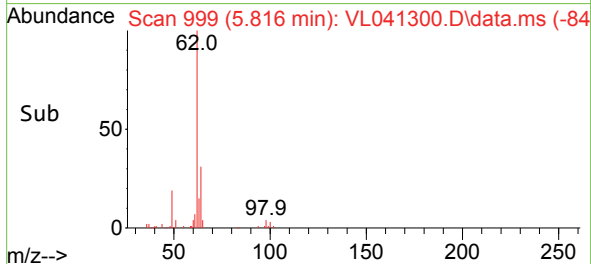
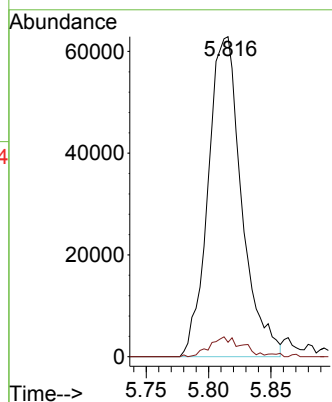
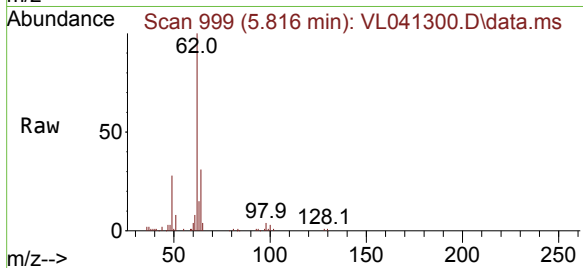




#37
1,2-Dichloroethane
Concen: 1.022 ppbv
RT: 5.816 min Scan# 996
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

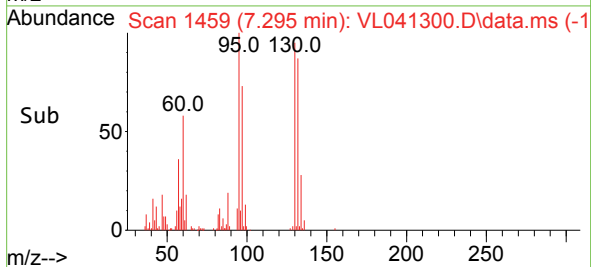
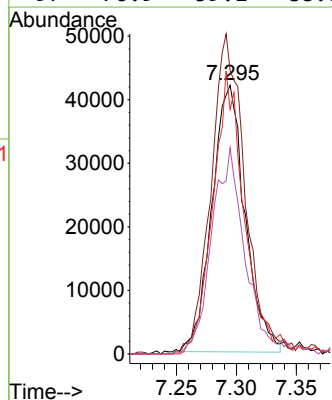
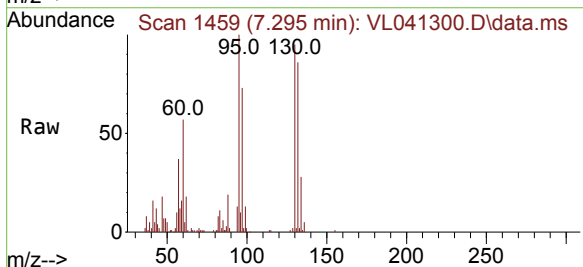
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

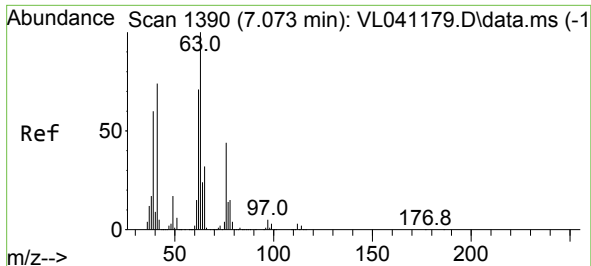
Tgt Ion: 62 Resp: 117672
Ion Ratio Lower Upper
62 100
98 6.4 5.0 7.4



#38
Trichloroethene
Concen: 0.980 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.013 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:130 Resp: 80606
Ion Ratio Lower Upper
130 100
95 105.0 95.0 142.6
132 91.9 77.0 115.4
97 76.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.537 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

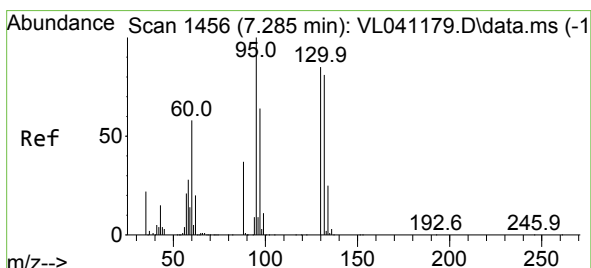
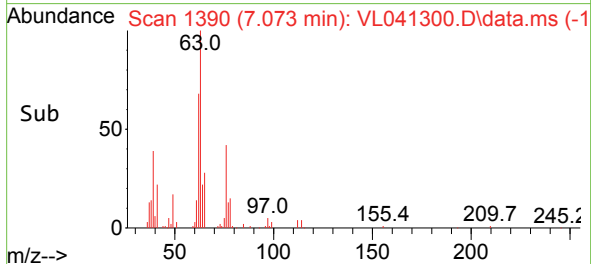
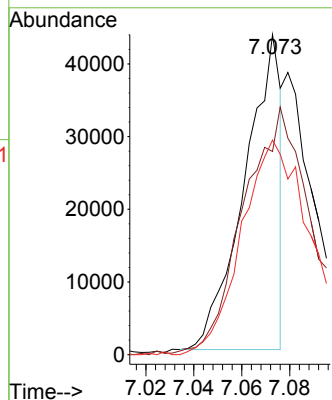
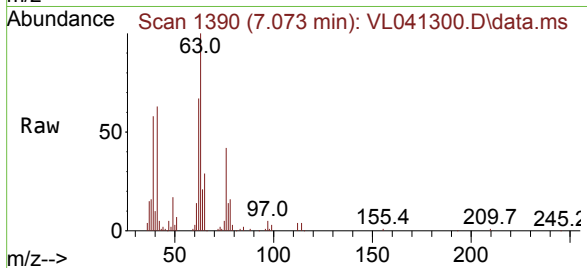
Tgt Ion: 63 Resp: 45693

Ion Ratio Lower Upper

63 100

41 63.4 59.4 89.0

62 68.2 56.8 85.2



#40

1,4-Dioxane

Concen: 0.799 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion: 88 Resp: 24288

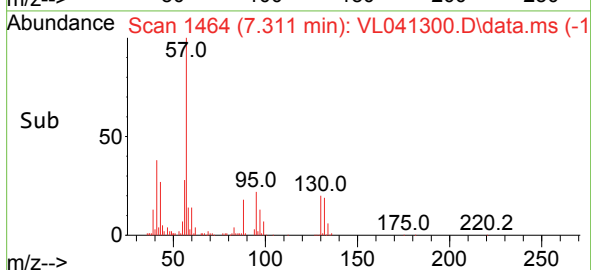
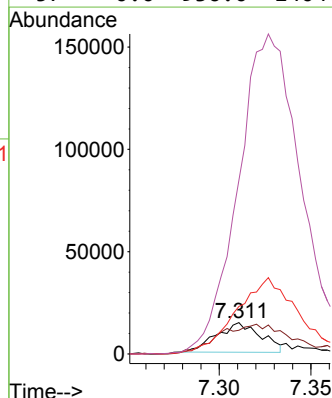
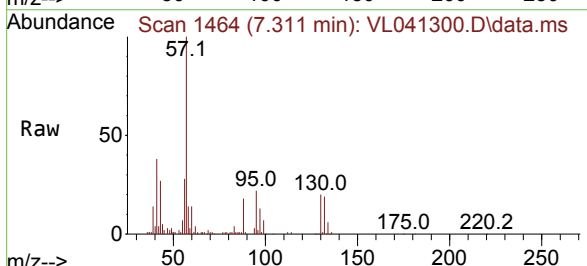
Ion Ratio Lower Upper

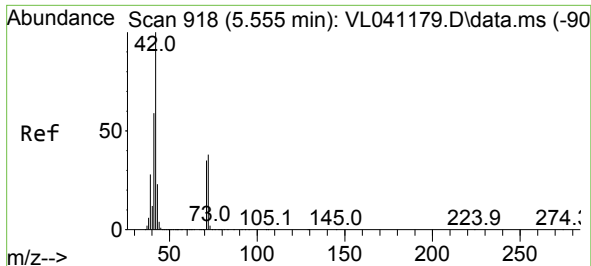
88 100

58 0.0 106.1 159.1#

43 0.0 219.8 329.6#

57 0.0 936.0 1404.0#





#41

Tetrahydrofuran

Concen: 0.819 ppbv

RT: 5.578 min Scan# 918

Delta R.T. 0.006 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

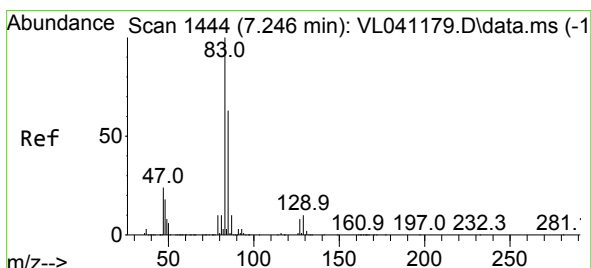
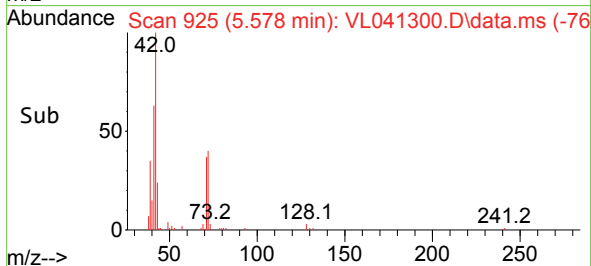
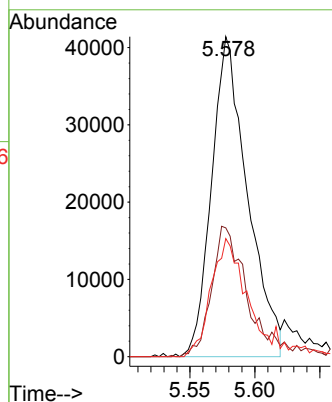
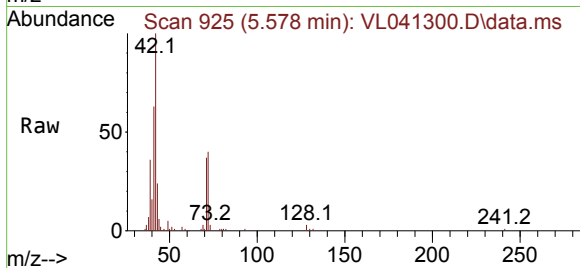
Tgt Ion: 42 Resp: 79388

Ion Ratio Lower Upper

42 100

72 43.3 29.4 44.0

71 39.9 29.1 43.7



#42

Bromodichloromethane

Concen: 1.044 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.013 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

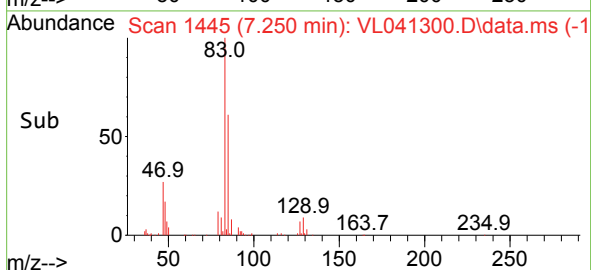
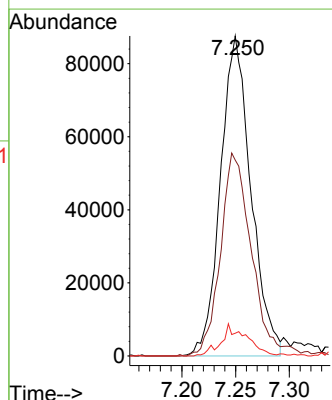
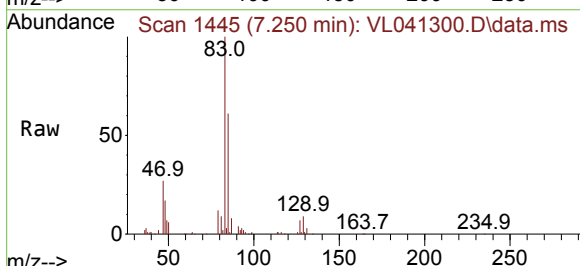
Tgt Ion: 83 Resp: 172514

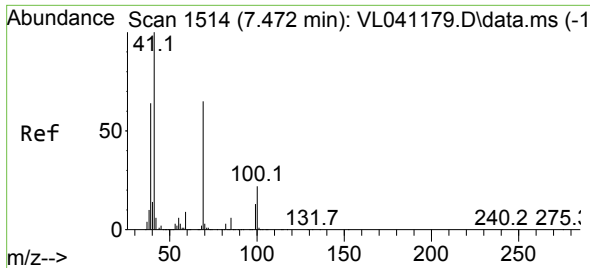
Ion Ratio Lower Upper

83 100

85 60.8 50.6 75.8

127 7.1 6.2 9.4

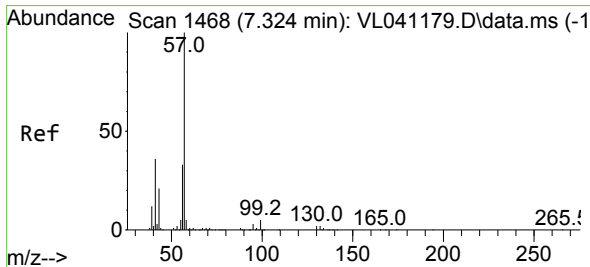
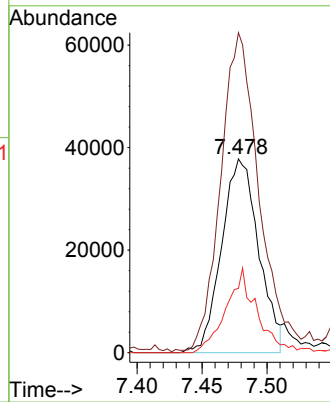
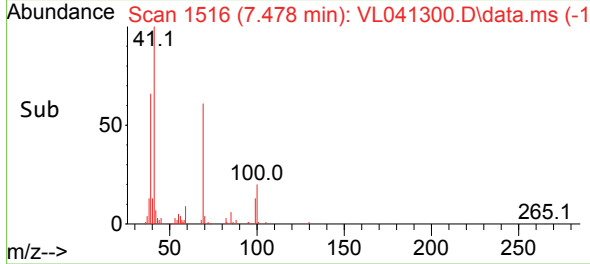
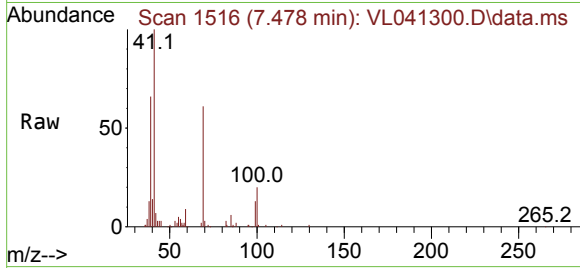




#43
Methyl Methacrylate
Concen: 0.842 ppbv
RT: 7.478 min Scan# 1514
Delta R.T. -0.010 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

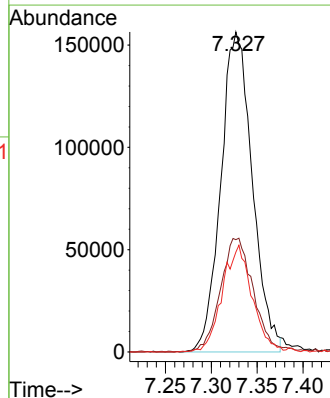
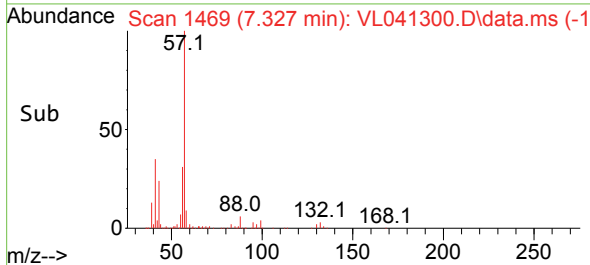
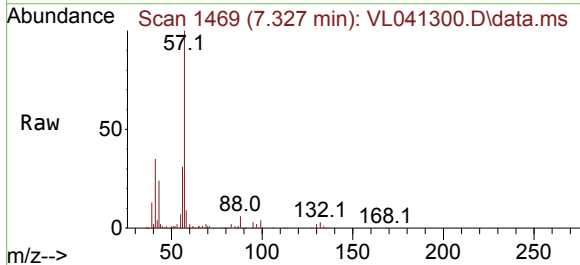
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

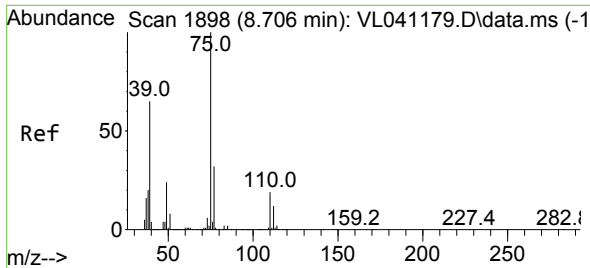
Tgt Ion: 69 Resp: 75140
Ion Ratio Lower Upper
69 100
41 175.0 125.2 187.8
100 36.9 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 0.980 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.013 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 57 Resp: 373210
Ion Ratio Lower Upper
57 100
41 37.4 29.5 44.3
56 32.2 25.3 37.9

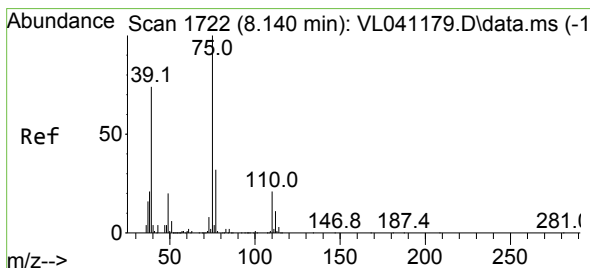
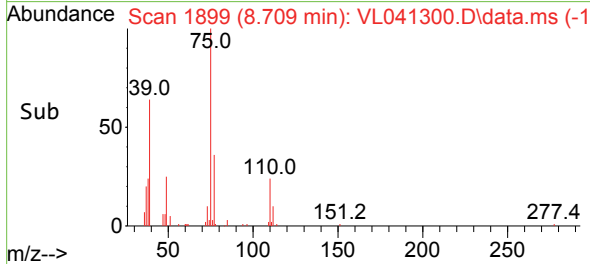
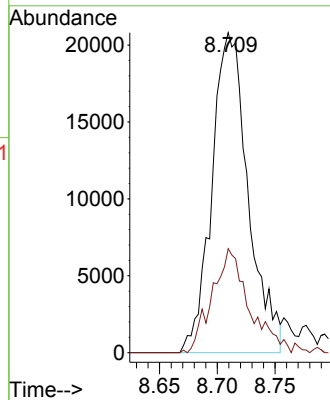
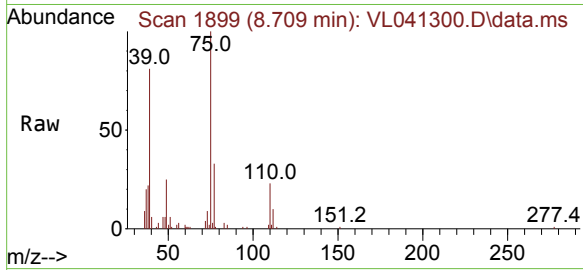




#45
 t-1,3-Dichloropropene
 Concen: 0.704 ppbv
 RT: 8.709 min Scan# 1899
 Delta R.T. -0.013 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

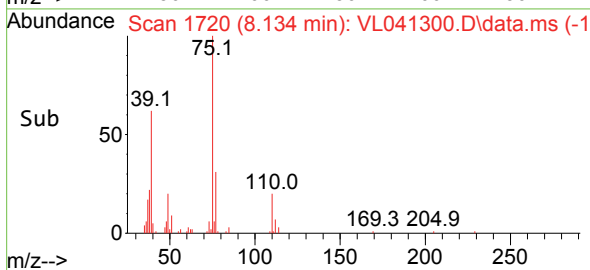
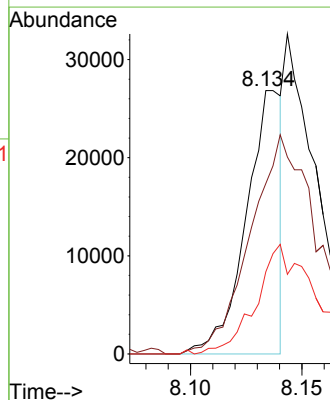
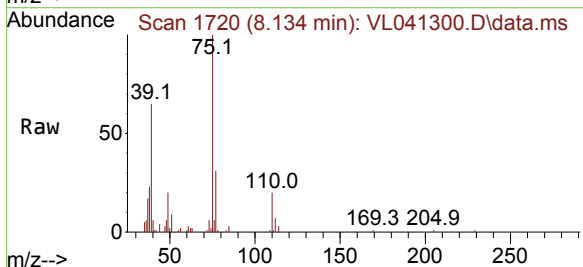
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

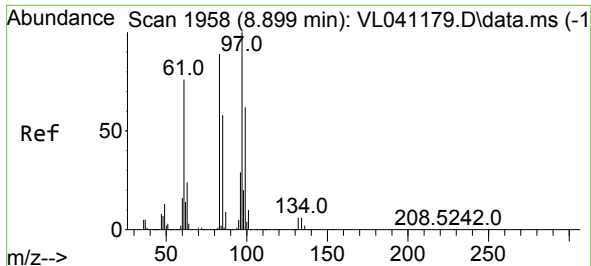
Tgt Ion: 75 Resp: 45555
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.6 38.4



#46
 cis-1,3-Dichloropropene
 Concen: 0.375 ppbv
 RT: 8.134 min Scan# 1720
 Delta R.T. -0.022 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Tgt Ion: 75 Resp: 29684
 Ion Ratio Lower Upper
 75 100
 39 64.7 59.4 89.2
 77 31.2 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 1.007 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. -0.019 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 85775

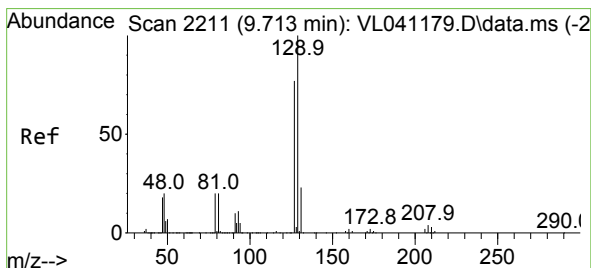
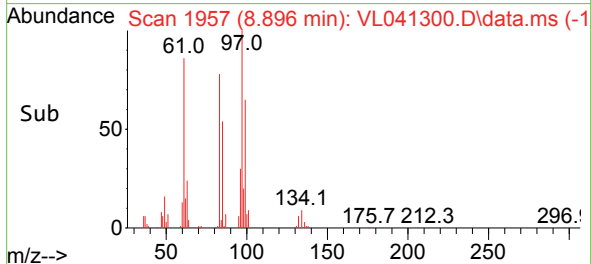
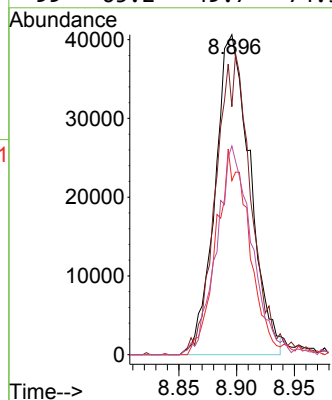
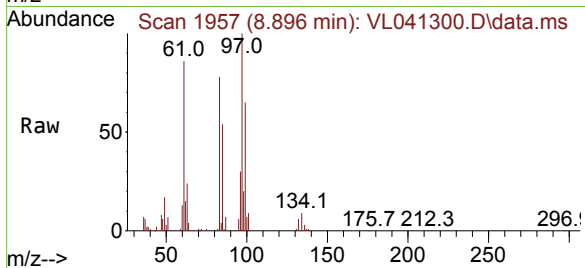
Ion Ratio Lower Upper

97 100

83 77.5 71.2 106.8

85 54.4 46.0 69.0

99 65.2 49.7 74.5



#48

Dibromochloromethane

Concen: 1.031 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.016 min

Lab File: VL041300.D

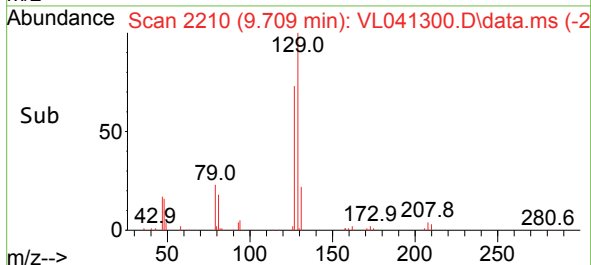
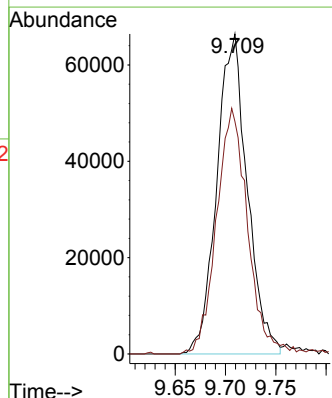
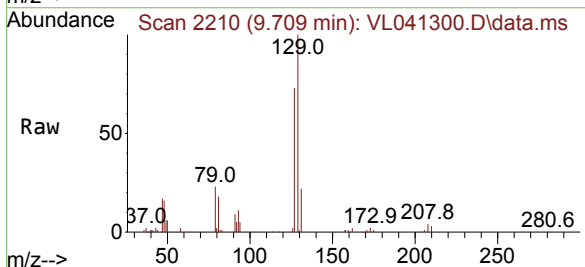
Acq: 4 Jun 2024 10:31

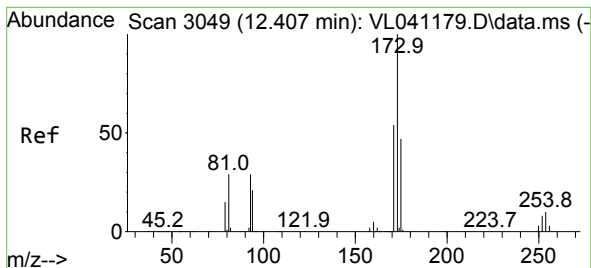
Tgt Ion: 129 Resp: 139926

Ion Ratio Lower Upper

129 100

127 79.3 39.1 117.5





#49

Bromoform

Concen: 0.936 ppbv

RT: 12.401 min Scan# 3049

Delta R.T. -0.019 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

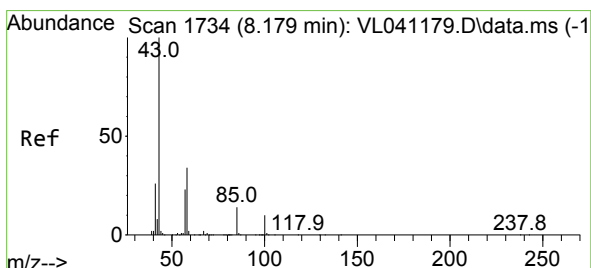
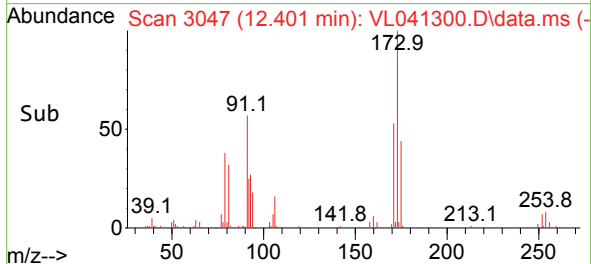
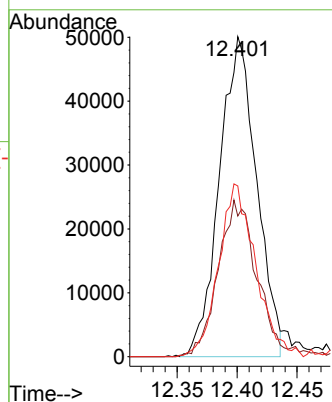
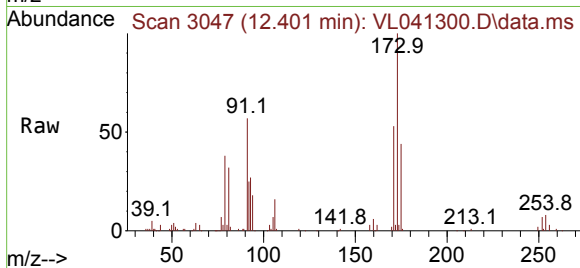
Tgt Ion:173 Resp: 108070

Ion Ratio Lower Upper

173 100

175 52.1 39.8 59.8

171 53.4 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 0.893 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. -0.003 min

Lab File: VL041300.D

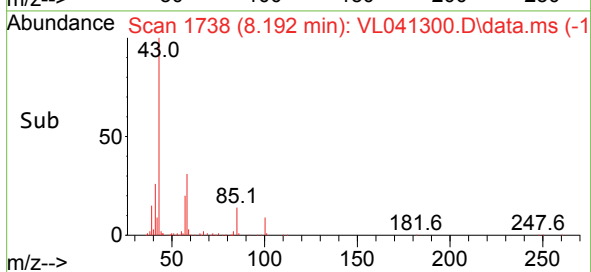
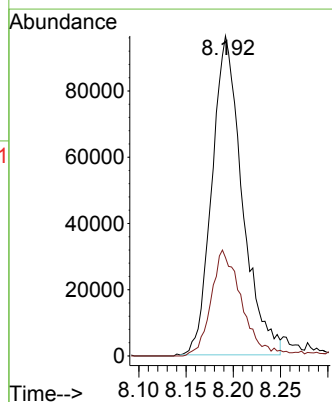
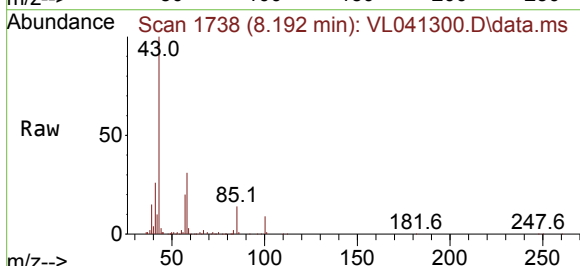
Acq: 4 Jun 2024 10:31

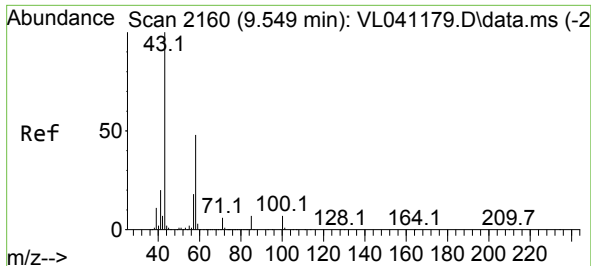
Tgt Ion: 43 Resp: 214494

Ion Ratio Lower Upper

43 100

58 34.9 27.7 41.5

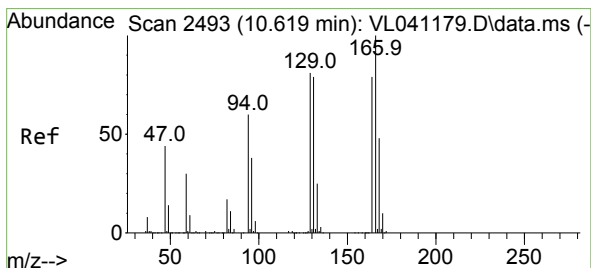
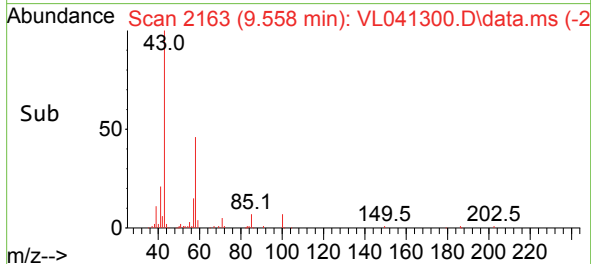
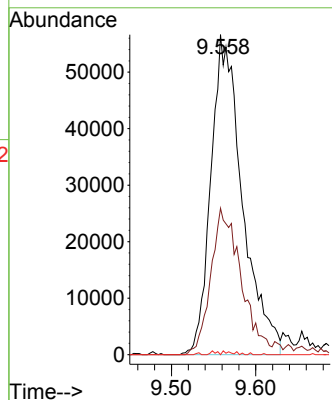
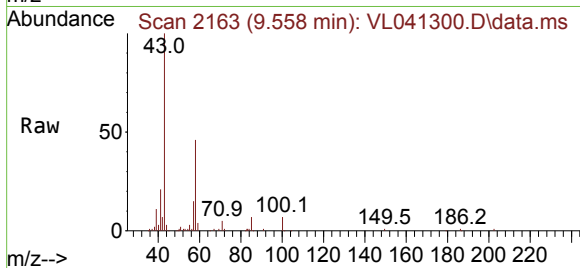




#51
2-Hexanone
Concen: 0.822 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

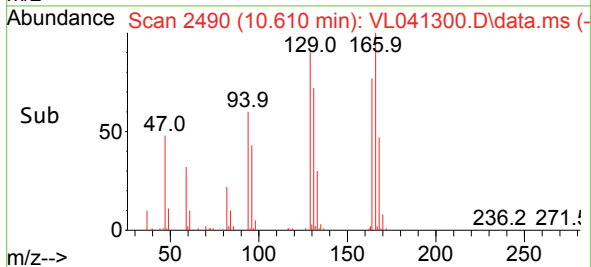
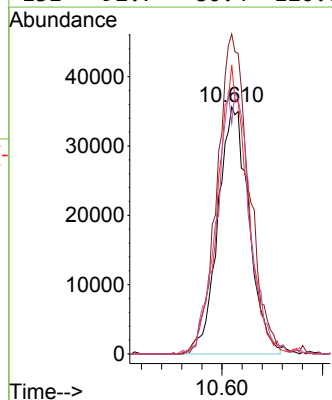
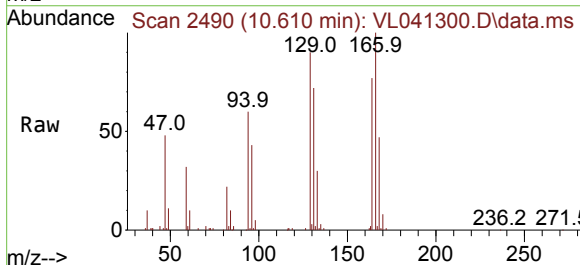
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

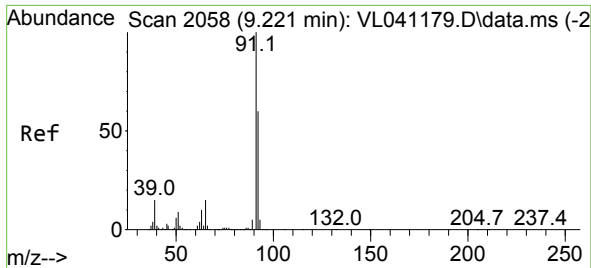
Tgt Ion: 43 Resp: 146506
Ion Ratio Lower Upper
43 100
58 45.6 38.4 57.6
98 0.3 0.0 0.0#



#52
Tetrachloroethene
Concen: 0.987 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 164 Resp: 76565
Ion Ratio Lower Upper
164 100
166 129.6 101.1 151.7
129 117.0 81.7 122.5
131 92.7 80.4 120.6

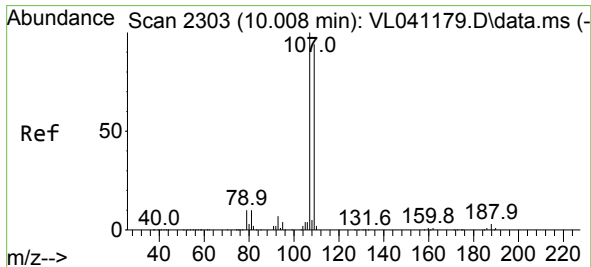
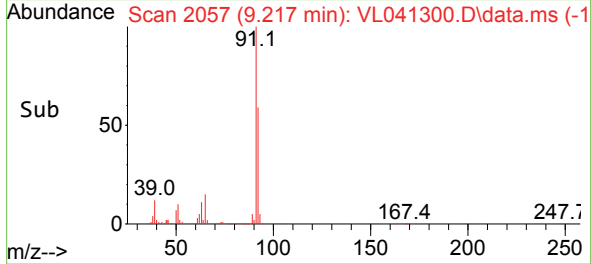
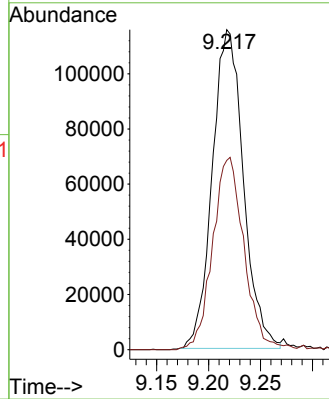
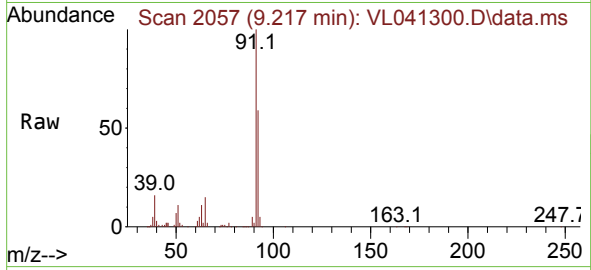




#53
Toluene
Concen: 0.939 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. -0.016 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

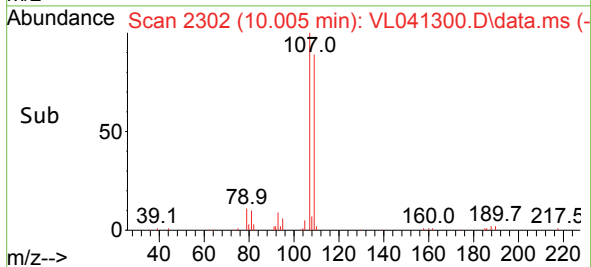
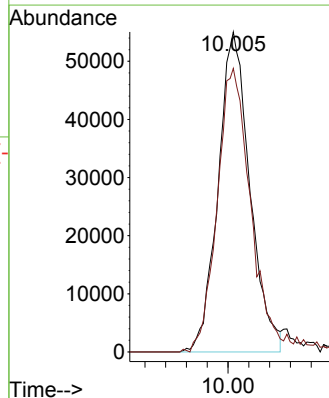
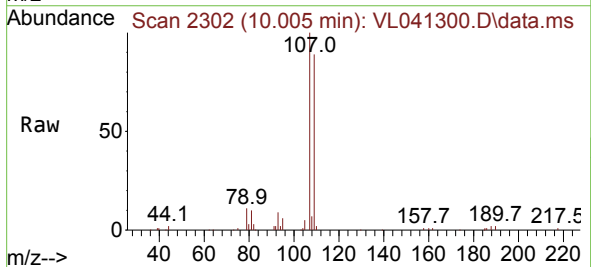
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

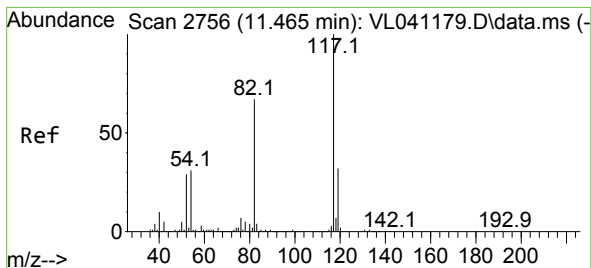
Tgt Ion: 91 Resp: 240375
Ion Ratio Lower Upper
91 100
92 61.2 48.2 72.4



#54
1,2-Dibromoethane
Concen: 1.012 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.016 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 107 Resp: 116724
Ion Ratio Lower Upper
107 100
109 88.6 75.2 112.8

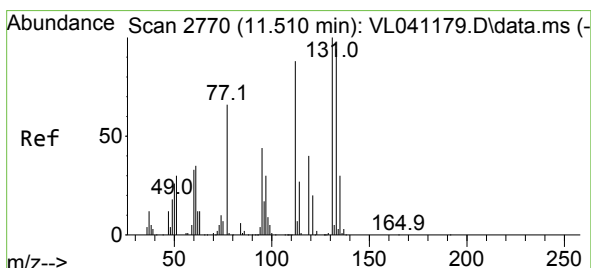
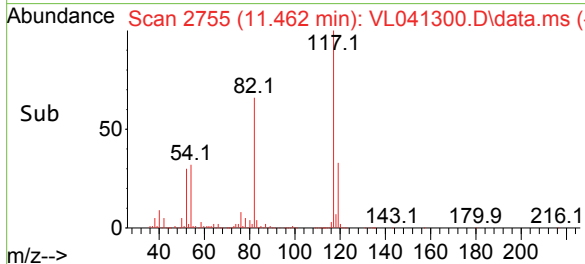
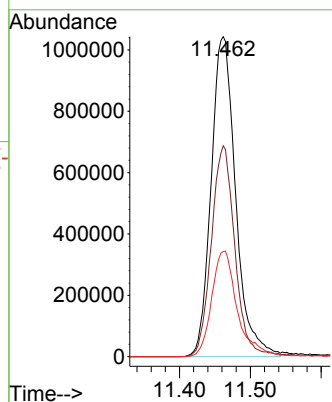
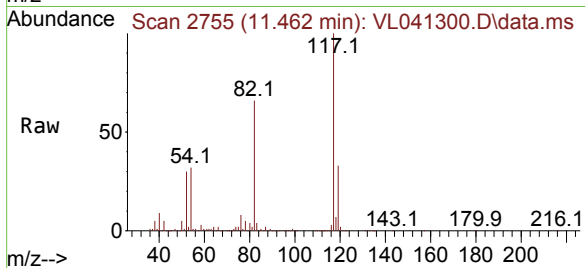




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

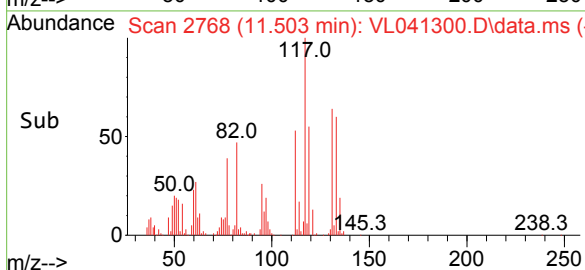
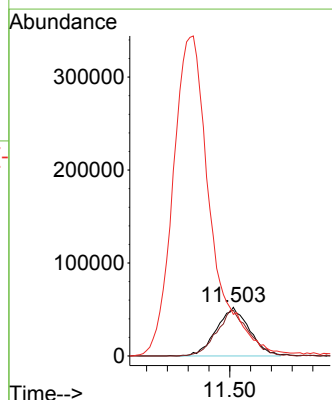
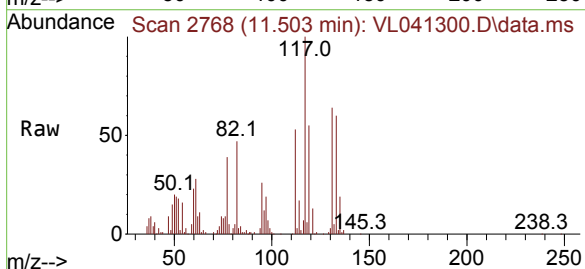
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

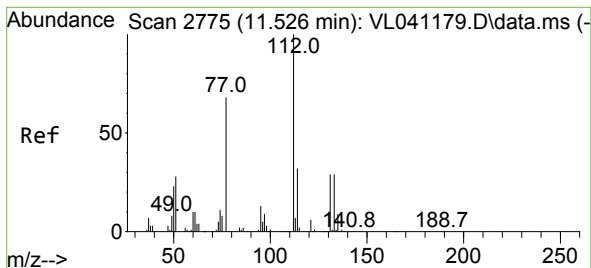
Tgt Ion:117 Resp: 2507402
Ion Ratio Lower Upper
117 100
82 64.3 53.6 80.4
119 34.6 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 1.126 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:131 Resp: 114489
Ion Ratio Lower Upper
131 100
133 92.5 76.3 114.5
119 764.4 49.4 74.2#





#57

Chlorobenzene

Concen: 1.119 ppbv

RT: 11.520 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

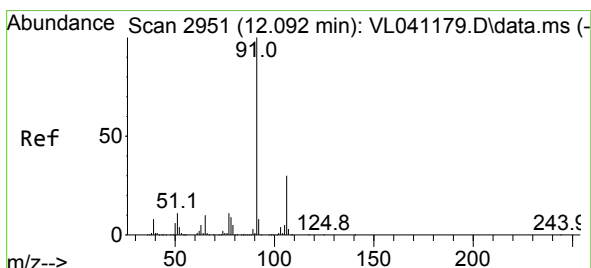
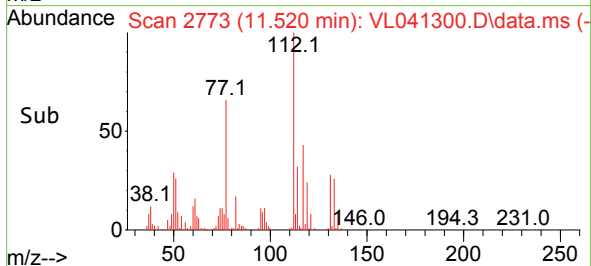
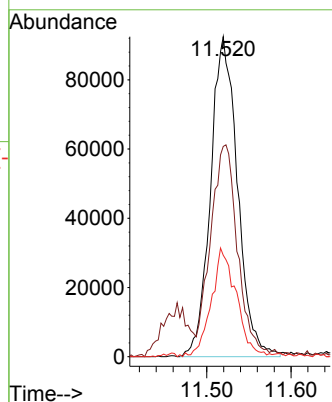
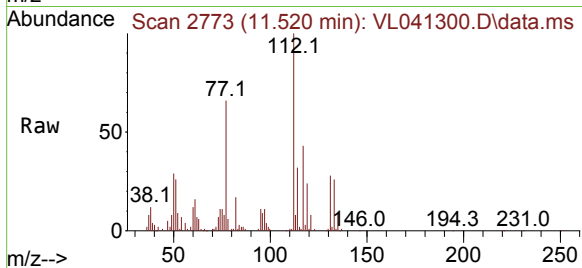
Tgt Ion:112 Resp: 205567

Ion Ratio Lower Upper

112 100

77 64.4 54.9 82.3

114 31.1 28.7 35.1



#58

Ethyl Benzene

Concen: 0.978 ppbv

RT: 12.082 min Scan# 2948

Delta R.T. -0.019 min

Lab File: VL041300.D

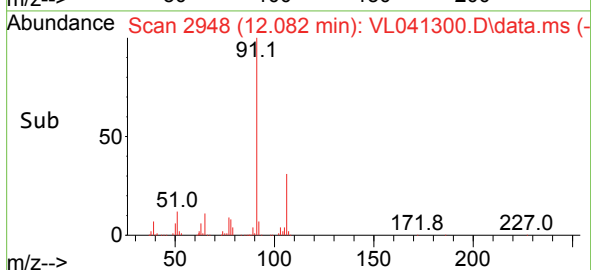
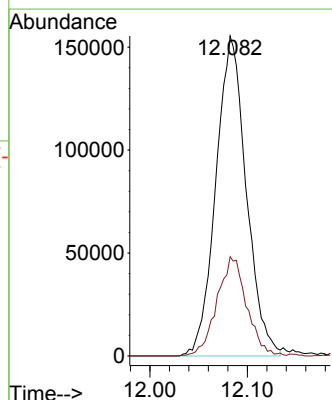
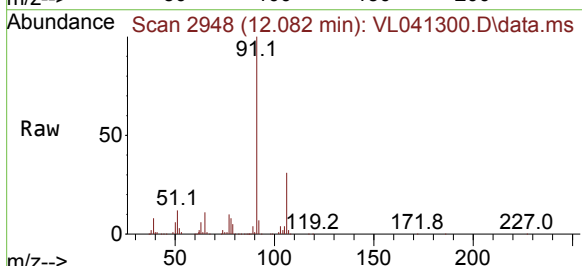
Acq: 4 Jun 2024 10:31

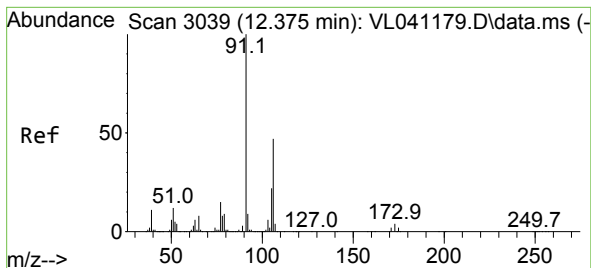
Tgt Ion: 91 Resp: 336367

Ion Ratio Lower Upper

91 100

106 30.9 24.3 36.5





#59

m/p-Xylene

Concen: 0.276 ppbv

RT: 12.362 min Scan# 3039

Delta R.T. -0.022 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

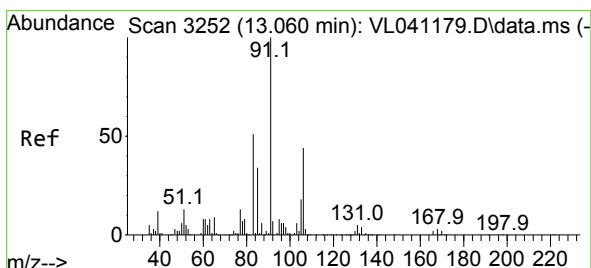
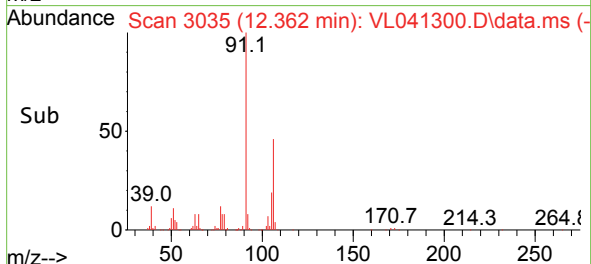
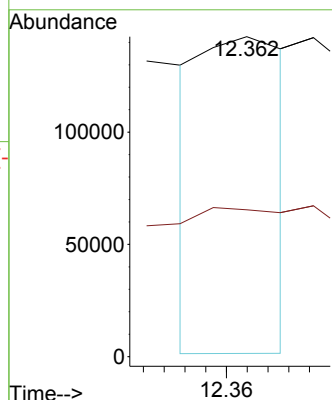
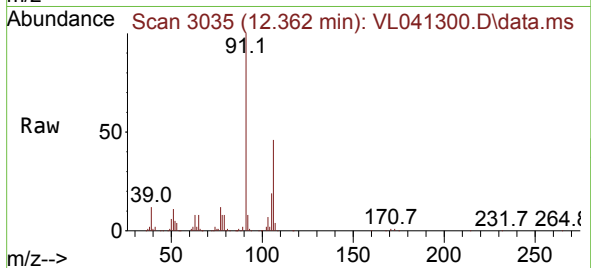
VSTDIC001

Tgt Ion: 91 Resp: 79699

Ion Ratio Lower Upper

91 100

106 0.0 35.7 53.5#



#60

o-Xylene

Concen: 0.505 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.022 min

Lab File: VL041300.D

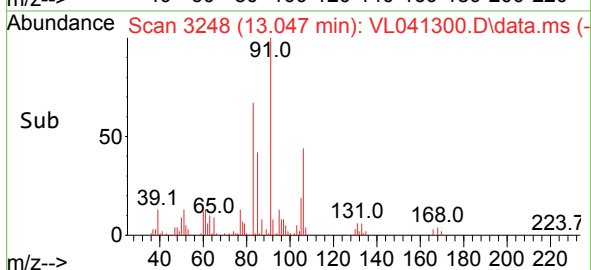
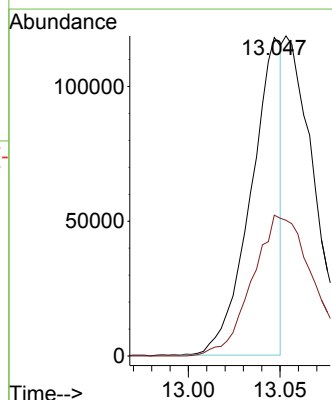
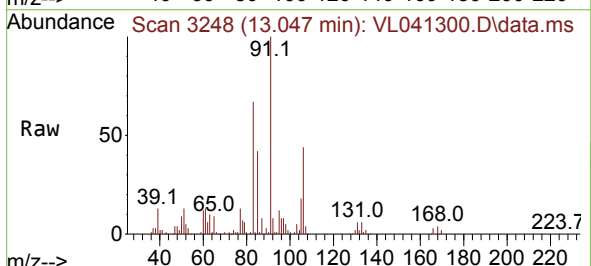
Acq: 4 Jun 2024 10:31

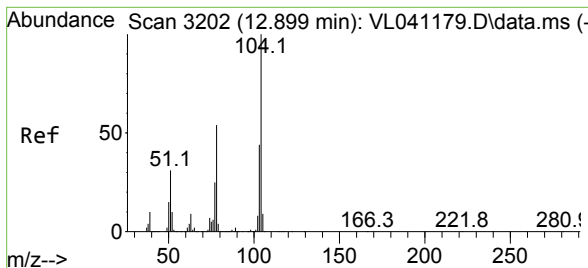
Tgt Ion: 91 Resp: 136884

Ion Ratio Lower Upper

91 100

106 89.7 22.4 67.3#





#61

Styrene

Concen: 0.886 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

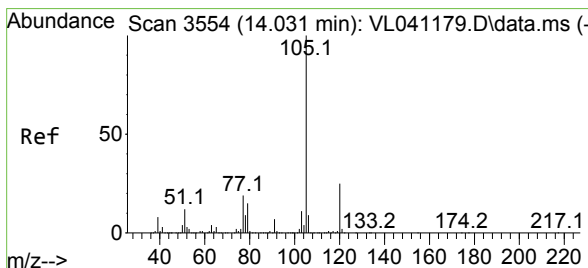
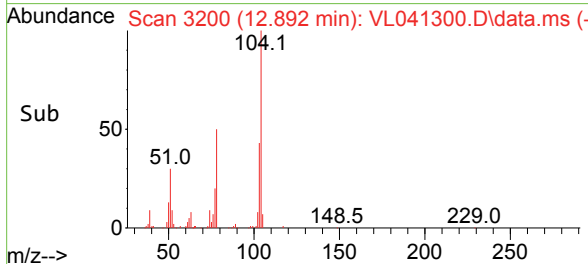
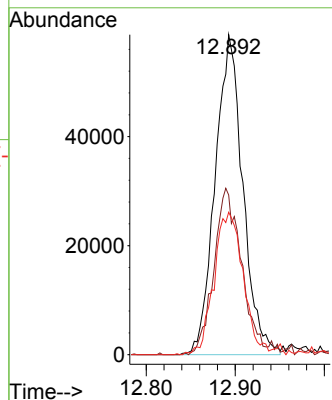
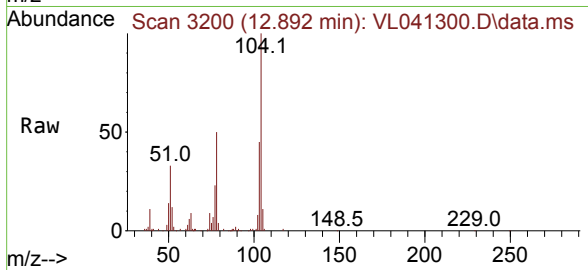
Tgt Ion:104 Resp: 126815

Ion Ratio Lower Upper

104 100

78 53.4 42.6 63.8

103 47.6 38.4 57.6



#62

Isopropylbenzene

Concen: 1.052 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.019 min

Lab File: VL041300.D

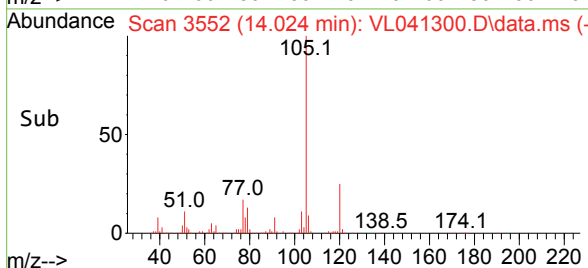
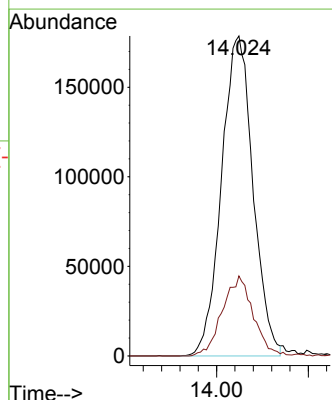
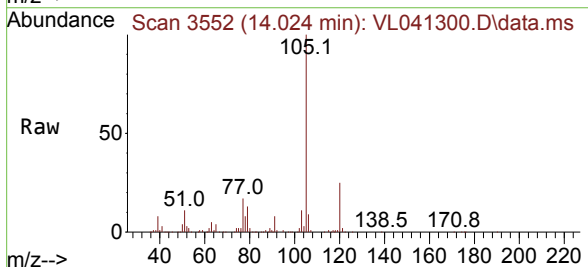
Acq: 4 Jun 2024 10:31

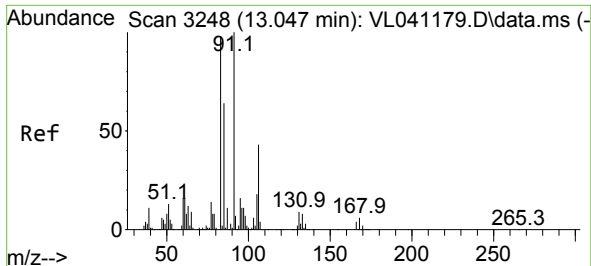
Tgt Ion:105 Resp: 426047

Ion Ratio Lower Upper

105 100

120 24.8 20.2 30.2

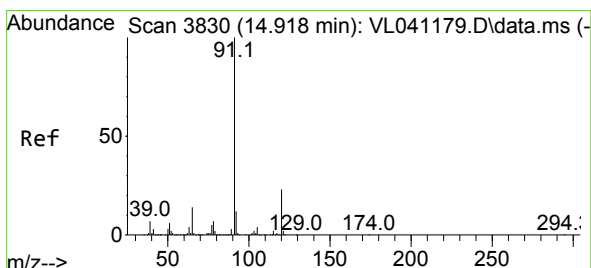
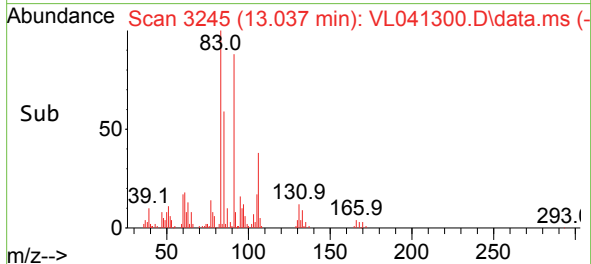
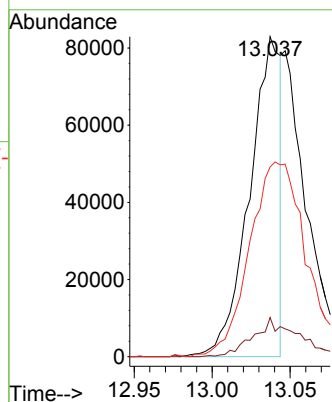
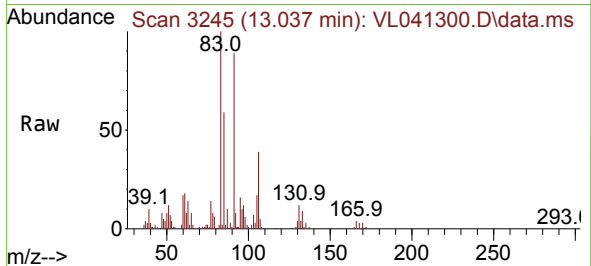




#63
1,1,2,2-Tetrachloroethane
Concen: 0.619 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

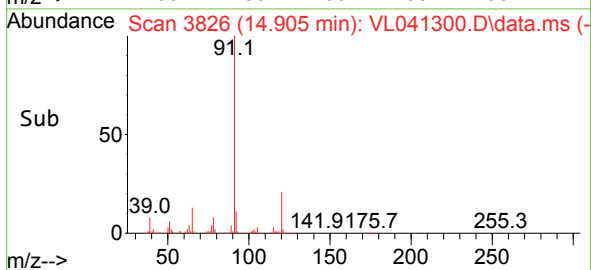
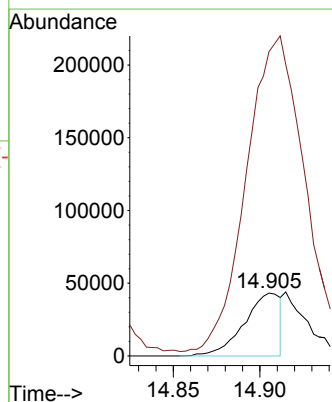
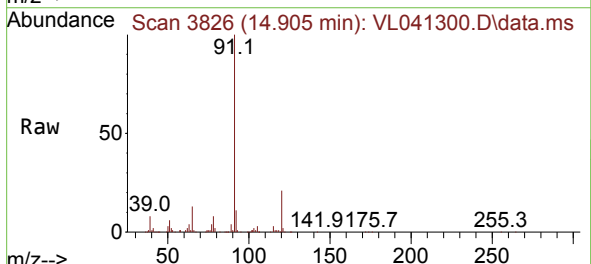
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

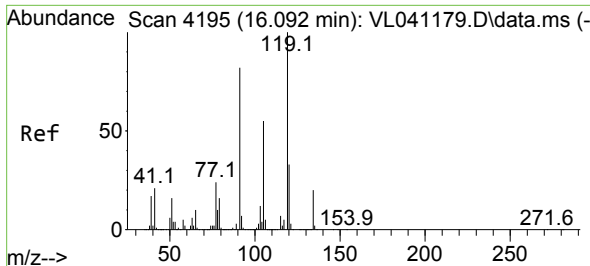
Tgt Ion: 83 Resp: 114358
Ion Ratio Lower Upper
83 100
131 18.3 4.5 13.5#
85 115.4 32.7 98.1#



#64
n-propylbenzene
Concen: 0.622 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.026 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 120 Resp: 62862
Ion Ratio Lower Upper
120 100
91 519.3 384.8 577.2

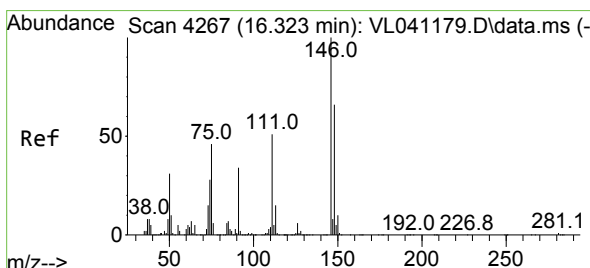
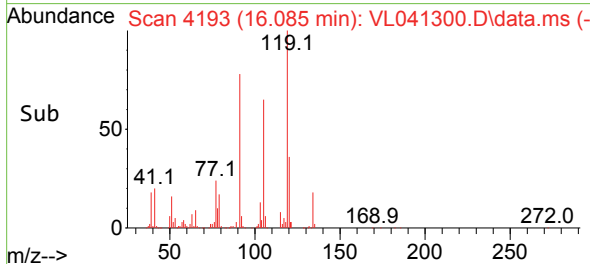
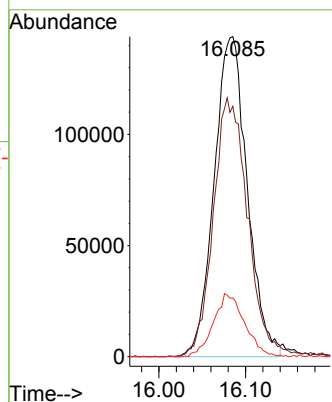
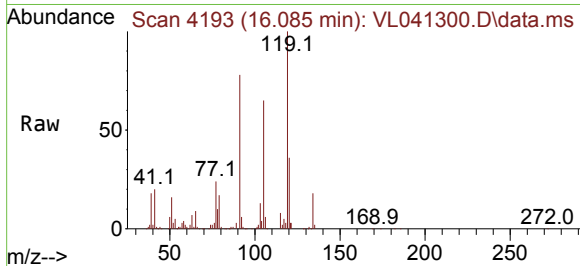




#65
tert-Butylbenzene
Concen: 1.056 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

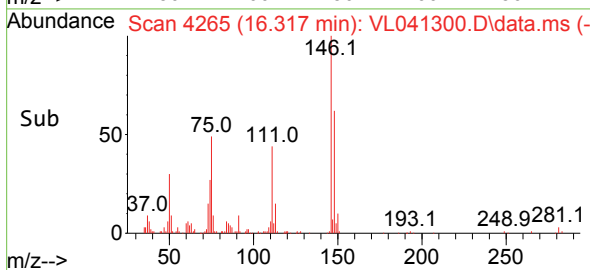
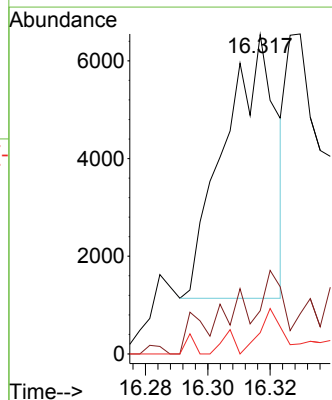
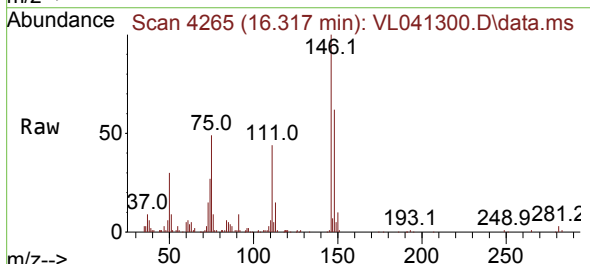
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

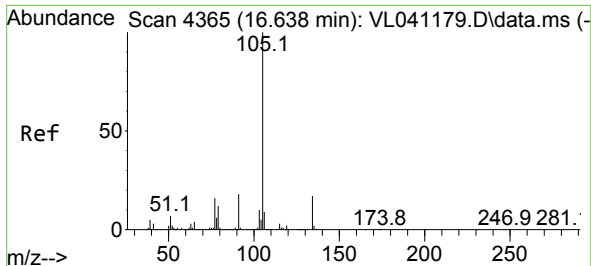
Tgt Ion:119 Resp: 383062
Ion Ratio Lower Upper
119 100
91 84.5 67.0 100.4
134 18.5 15.2 22.8



#66
Benzyl Chloride
Concen: 0.151 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. -0.029 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 91 Resp: 6201
Ion Ratio Lower Upper
91 100
126 72.1 14.6 21.8#
128 15.9 4.7 7.1#





#67

sec-Butylbenzene

Concen: 1.062 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

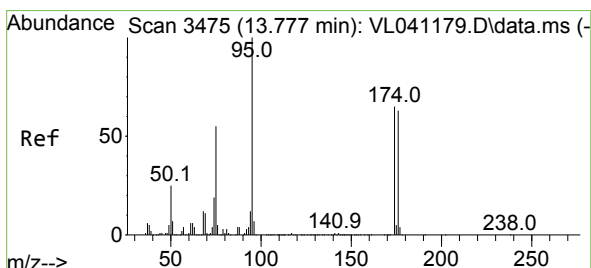
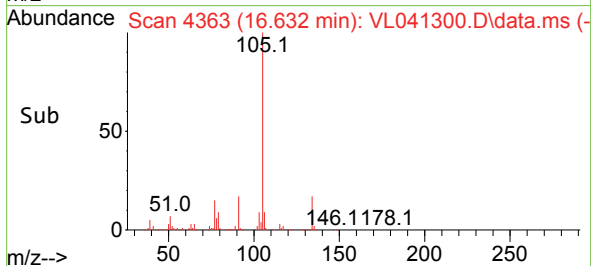
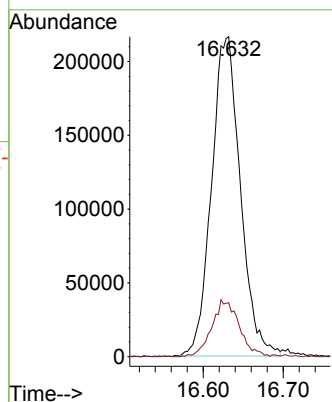
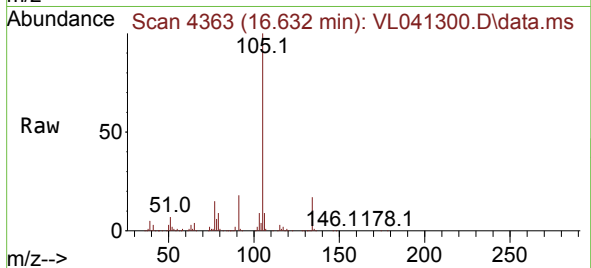
VSTDIC001

Tgt Ion:105 Resp: 542266

Ion Ratio Lower Upper

105 100

134 17.2 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.219 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.016 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

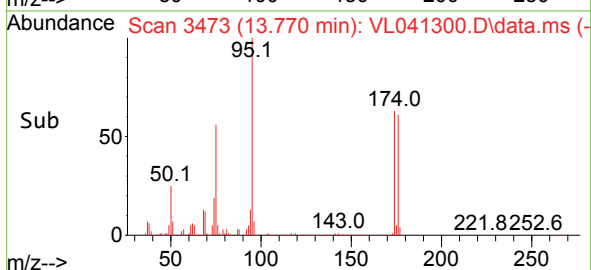
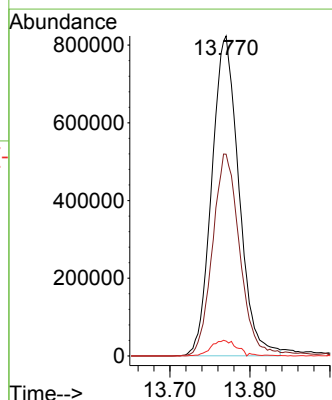
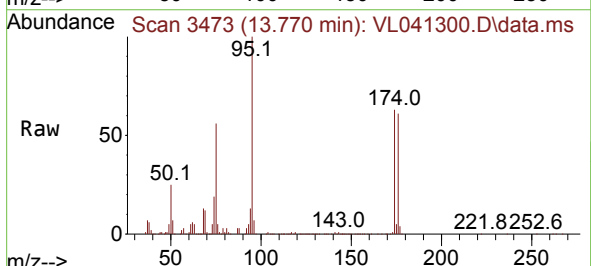
Tgt Ion: 95 Resp: 1934504

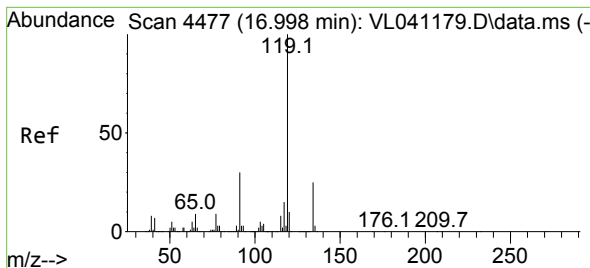
Ion Ratio Lower Upper

95 100

174 64.2 53.6 80.4

175 4.9 4.2 6.4





#69

p-Isopropyltoluene

Concen: 1.072 ppbv

RT: 16.986 min Scan# 4473

Delta R.T. -0.022 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

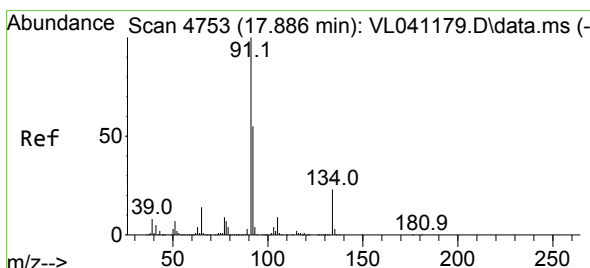
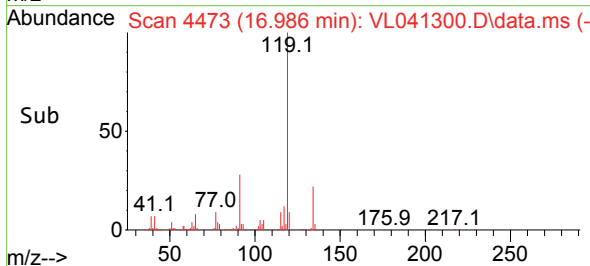
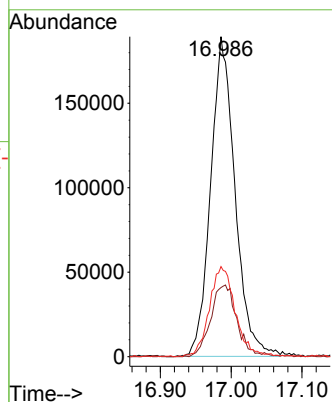
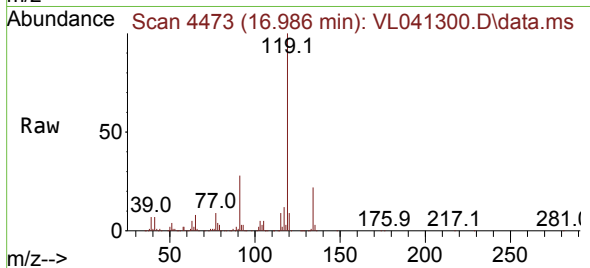
Tgt Ion:119 Resp: 451420

Ion Ratio Lower Upper

119 100

134 24.4 20.1 30.1

91 30.1 24.2 36.2



#70

n-Butylbenzene

Concen: 1.034 ppbv

RT: 17.876 min Scan# 4750

Delta R.T. -0.022 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

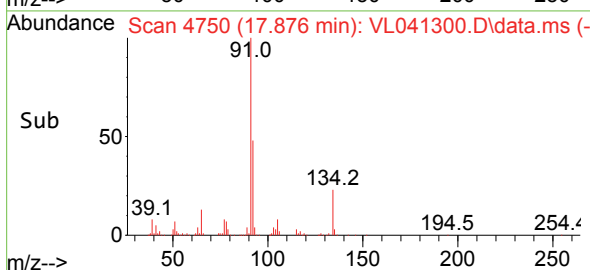
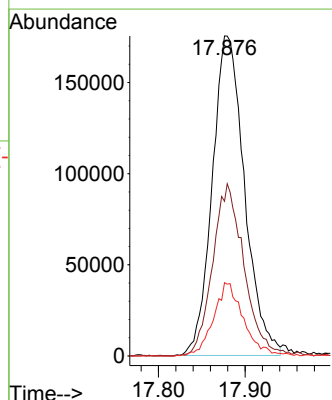
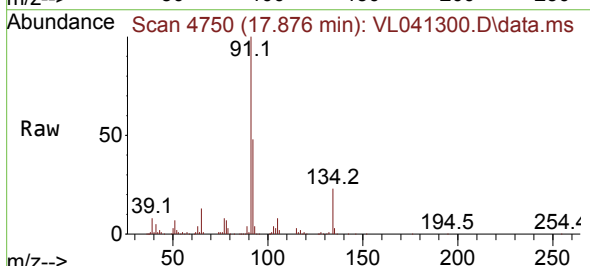
Tgt Ion: 91 Resp: 454514

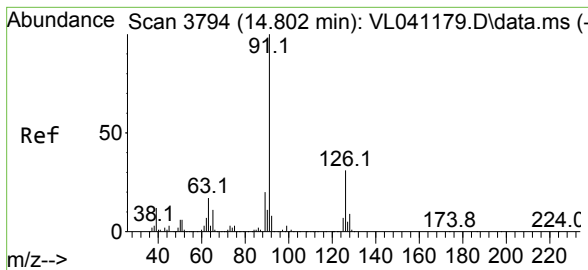
Ion Ratio Lower Upper

91 100

92 52.8 43.3 64.9

134 21.4 17.8 26.8

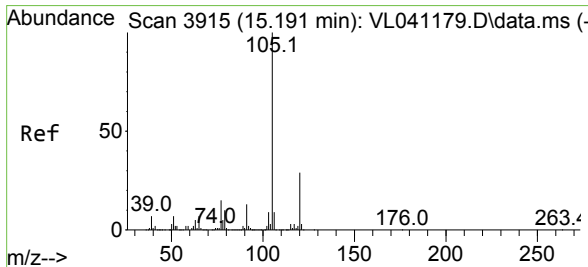
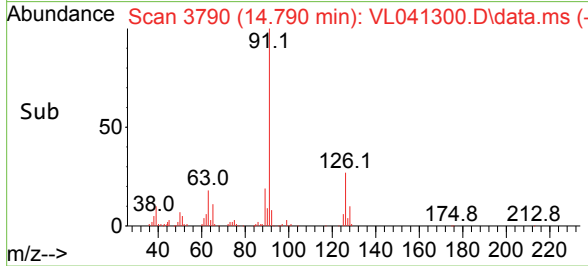
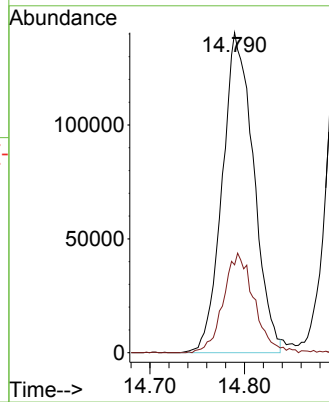
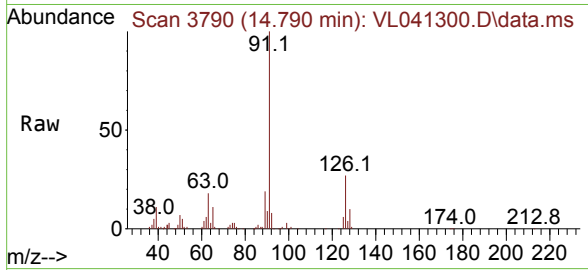




#71
2-Chlorotoluene
Concen: 1.048 ppbv
RT: 14.790 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

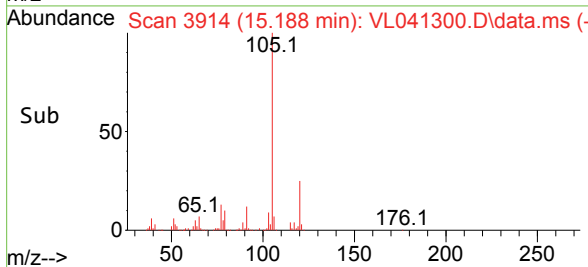
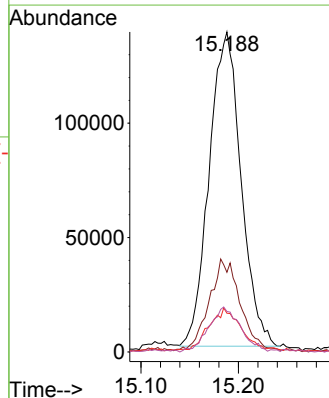
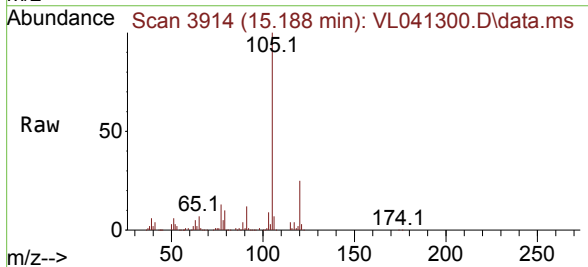
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

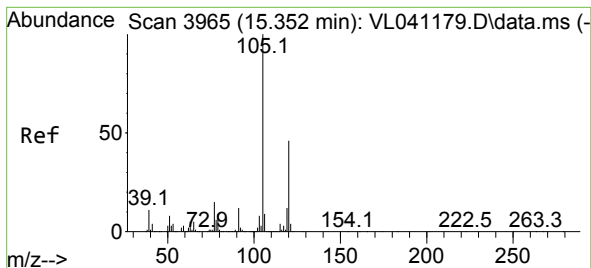
Tgt Ion: 91 Resp: 323178
Ion Ratio Lower Upper
91 100
126 30.7 12.2 48.8



#72
4-Ethyltoluene
Concen: 1.018 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 105 Resp: 312386
Ion Ratio Lower Upper
105 100
120 29.8 24.7 37.1
91 14.4 10.3 15.5
77 15.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.982 ppbv

RT: 15.346 min Scan# 3965

Delta R.T. -0.019 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

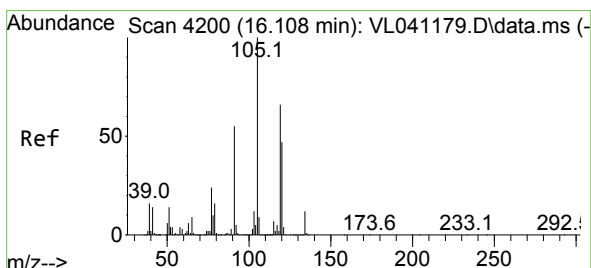
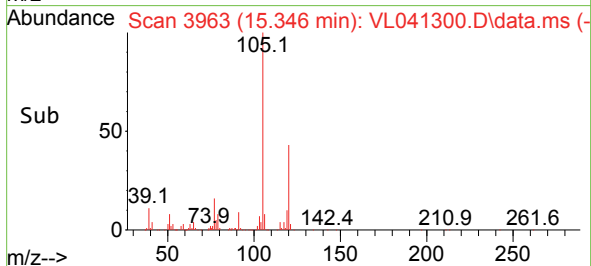
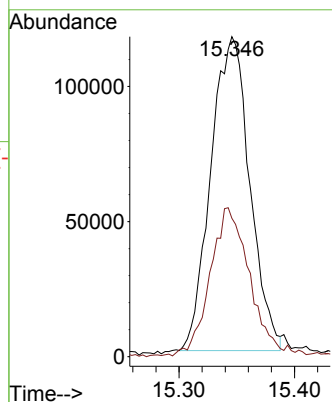
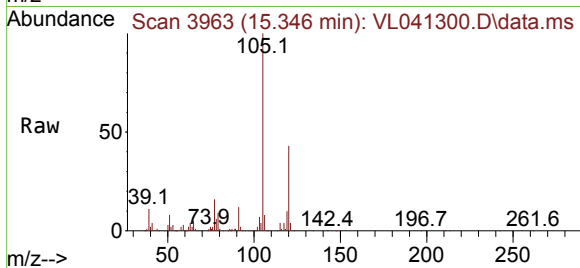
VSTDIC001

Tgt Ion:105 Resp: 272731

Ion Ratio Lower Upper

105 100

120 41.8 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 1.075 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.026 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion:105 Resp: 326021

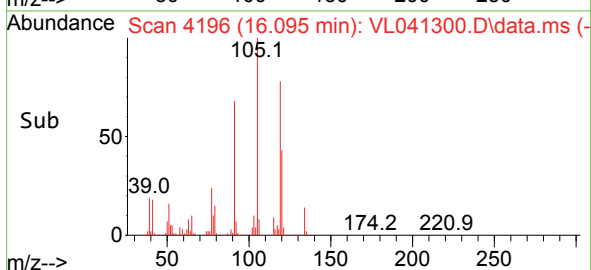
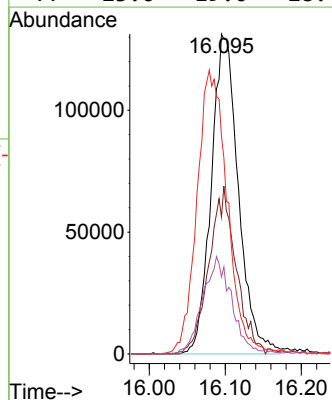
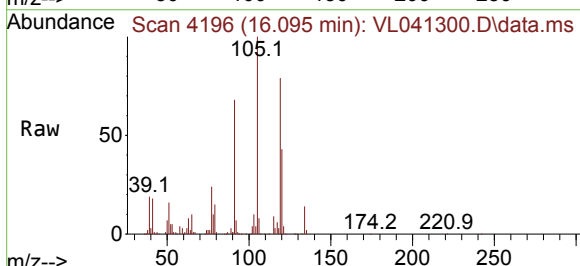
Ion Ratio Lower Upper

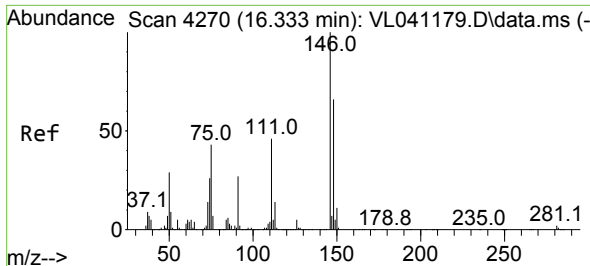
105 100

120 42.1 37.8 56.6

91 67.1 44.3 66.5#

77 23.6 19.0 28.4

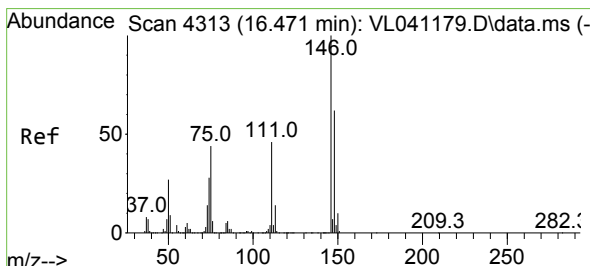
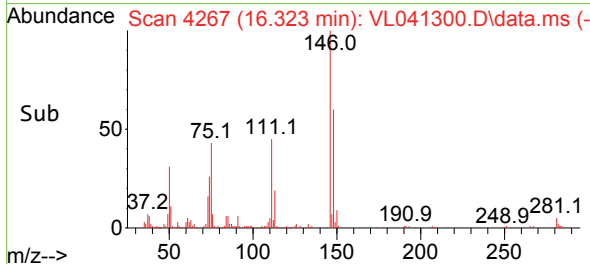
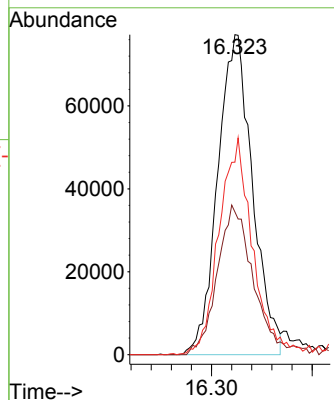
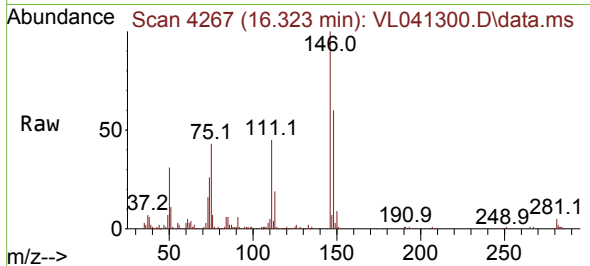




#75
1,3-Dichlorobenzene
Concen: 1.064 ppbv
RT: 16.323 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

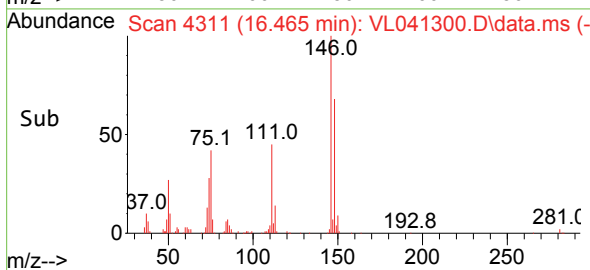
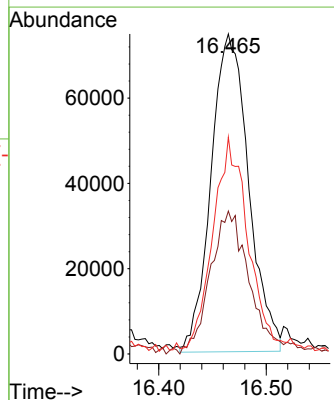
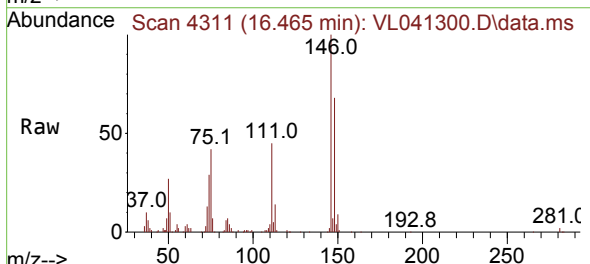
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

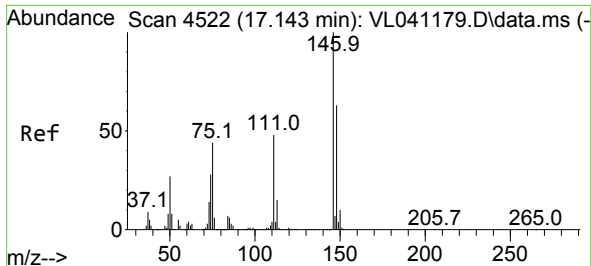
Tgt Ion:146 Resp: 185001
Ion Ratio Lower Upper
146 100
111 49.2 23.7 71.1
148 66.3 32.5 97.4



#76
1,4-Dichlorobenzene
Concen: 1.084 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:146 Resp: 181212
Ion Ratio Lower Upper
146 100
111 48.9 23.3 69.8
148 67.1 32.6 97.7

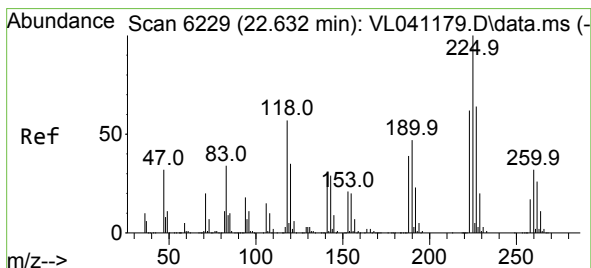
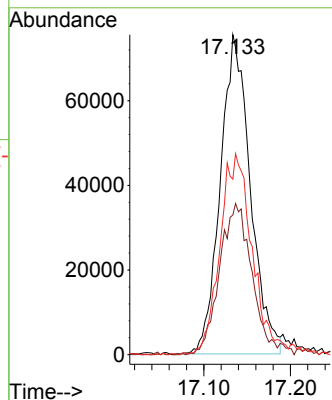
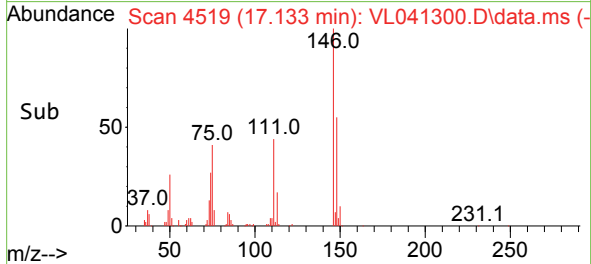
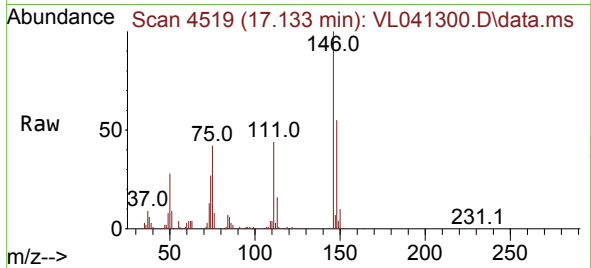




#77
1,2-Dichlorobenzene
Concen: 1.044 ppbv
RT: 17.133 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

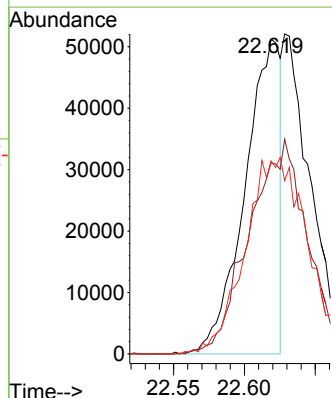
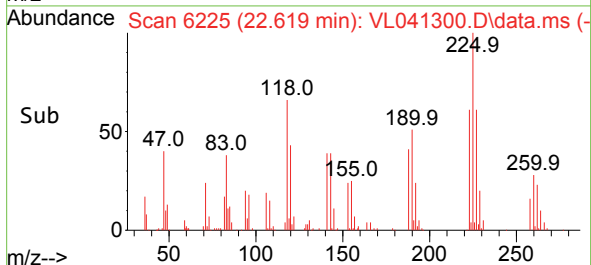
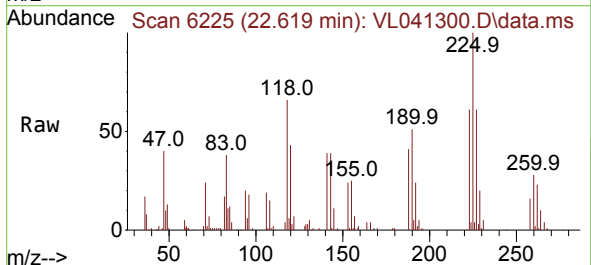
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

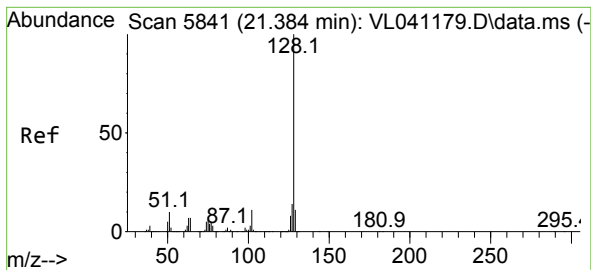
Tgt Ion:146 Resp: 181338
Ion Ratio Lower Upper
146 100
111 52.6 24.5 73.5
148 69.4 32.6 98.0



#78
Hexachloro-1,3-Butadiene
Concen: 0.578 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:225 Resp: 89321
Ion Ratio Lower Upper
225 100
223 0.0 50.9 76.3#
227 0.0 52.0 78.0#

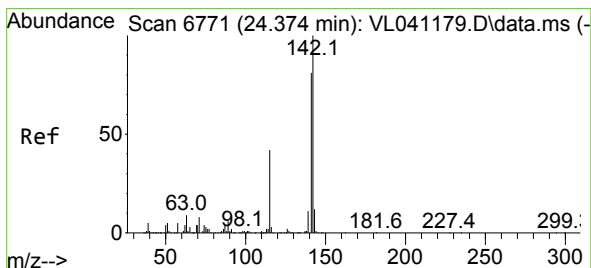
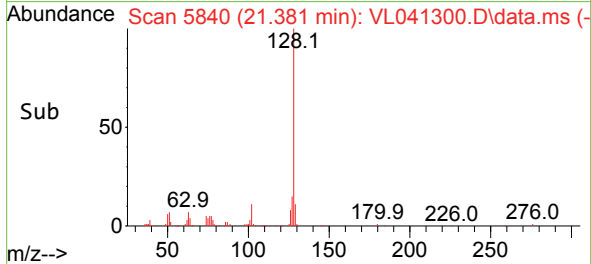
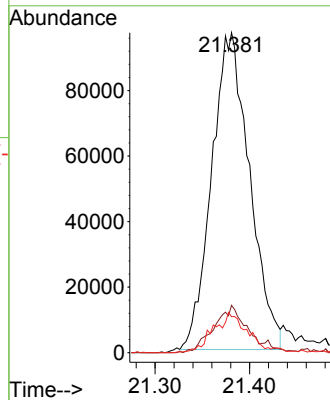
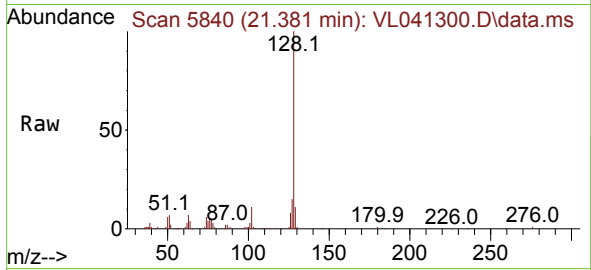




#79
Naphthalene
Concen: 0.933 ppbv
RT: 21.381 min Scan# 5840
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

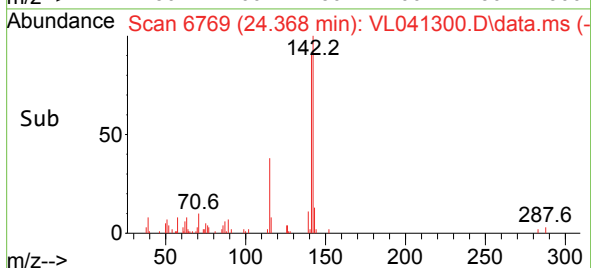
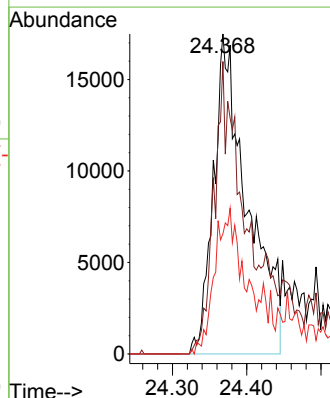
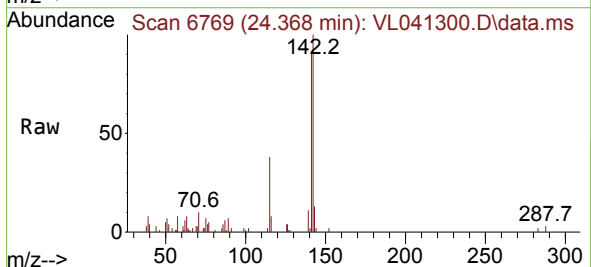
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

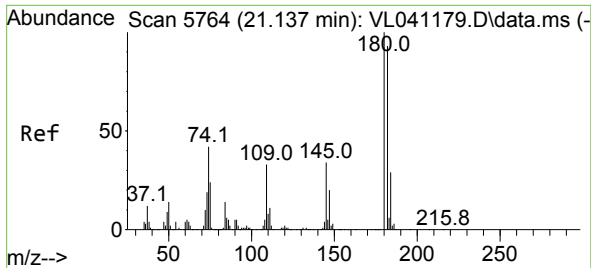
Tgt Ion:128 Resp: 269330
Ion Ratio Lower Upper
128 100
127 14.4 10.8 16.2
129 11.1 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 0.478 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.019 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:142 Resp: 55561
Ion Ratio Lower Upper
142 100
141 95.2 67.9 101.9
115 44.7 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.968 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Tgt Ion:180 Resp: 147494
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.2 115.8
 184 30.4 24.6 36.8

