

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040355.D
 Acq On : 13 Apr 2023 10:45
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC002

Quant Time: Apr 14 05:47:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1087387	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2780148	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2662947	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2126856	9.658	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	390441	1.991	ppbv	95
3) Chlorodifluoromethane	2.661	51	304742	2.145	ppbv	99
4) Chloromethane	2.803	50	201209	2.242	ppbv	96
5) Vinyl Chloride	2.912	62	165217	2.230	ppbv	96
6) Bromomethane	3.112	94	50650	2.075	ppbv	100
7) Chloroethane	3.189	64	58615	2.089	ppbv	94
8) Dichlorotetrafluoroethane	2.845	85	405045	2.114	ppbv	96
9) Propene	2.681	41	124148	2.212	ppbv	100
10) Heptane	7.578	43	287536	2.254	ppbv	99
11) Trichlorofluoromethane	3.555	101	430745	2.170	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	296671	2.137	ppbv	98
13) Ethanol	3.247	45	3298	0.704	ppbv #	1
14) Bromoethene	3.356	108	123321	2.173	ppbv	98
15) Acetone	3.462	43	340274	2.209	ppbv	98
16) 1,3-Butadiene	2.973	39	142504	2.236	ppbv	99
17) tert-Butyl alcohol	3.874	59	310870	2.198	ppbv	99
18) 1,1-Dichloroethene	3.874	96	132327	2.114	ppbv	100
19) Isopropyl Alcohol	3.571	45	161887	2.304	ppbv #	96
20) Methylene Chloride	3.925	84	133108	2.165	ppbv	96
21) Allyl Chloride	3.986	41	189648	2.167	ppbv	99
22) trans-1,2-Dichloroethene	4.439	96	132074	2.110	ppbv	98
23) Vinyl Acetate	4.623	43	78850	2.011	ppbv #	95
24) 1,1-Dichloroethane	4.558	63	284761	2.182	ppbv	99
25) Ethyl Acetate	5.205	43	578425	2.232	ppbv	99
26) Hexane	5.208	57	244870	2.241	ppbv	97
27) Carbon Disulfide	4.118	76	302269	2.138	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	247918	2.198	ppbv	100
29) Chloroform	5.269	83	428221	2.200	ppbv	100
30) Cyclohexane	6.600	84	186938	2.209	ppbv	97
31) cis-1,2-Dichloroethene	5.079	61	235891	2.178	ppbv	93
32) 1,1,1-Trichloroethane	6.002	97	409809	2.167	ppbv	98
34) 2-Butanone	4.787	43	325796	2.173	ppbv	98
35) Carbon Tetrachloride	6.494	117	414146	2.116	ppbv	96
36) Benzene	6.369	78	493848	2.177	ppbv	98
37) 1,2-Dichloroethane	5.803	62	310405	2.083	ppbv	99
38) Trichloroethene	7.295	130	293013	2.270	ppbv	95
39) 1,2-Dichloropropane	7.076	63	190350	2.133	ppbv	94
40) 1,4-Dioxane	7.304	88	69924	2.046	ppbv #	91
41) Tetrahydrofuran	5.562	42	175973	2.143	ppbv	98
42) Bromodichloromethane	7.250	83	436827	2.147	ppbv	97
43) Methyl Methacrylate	7.478	69	182214	2.163	ppbv	97
44) 2,2,4-Trimethylpentane	7.324	57	838369	2.213	ppbv	98
45) t-1,3-Dichloropropene	8.716	75	151111	2.008	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041323\
 Data File : VL040355.D
 Acq On : 13 Apr 2023 10:45
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 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC002

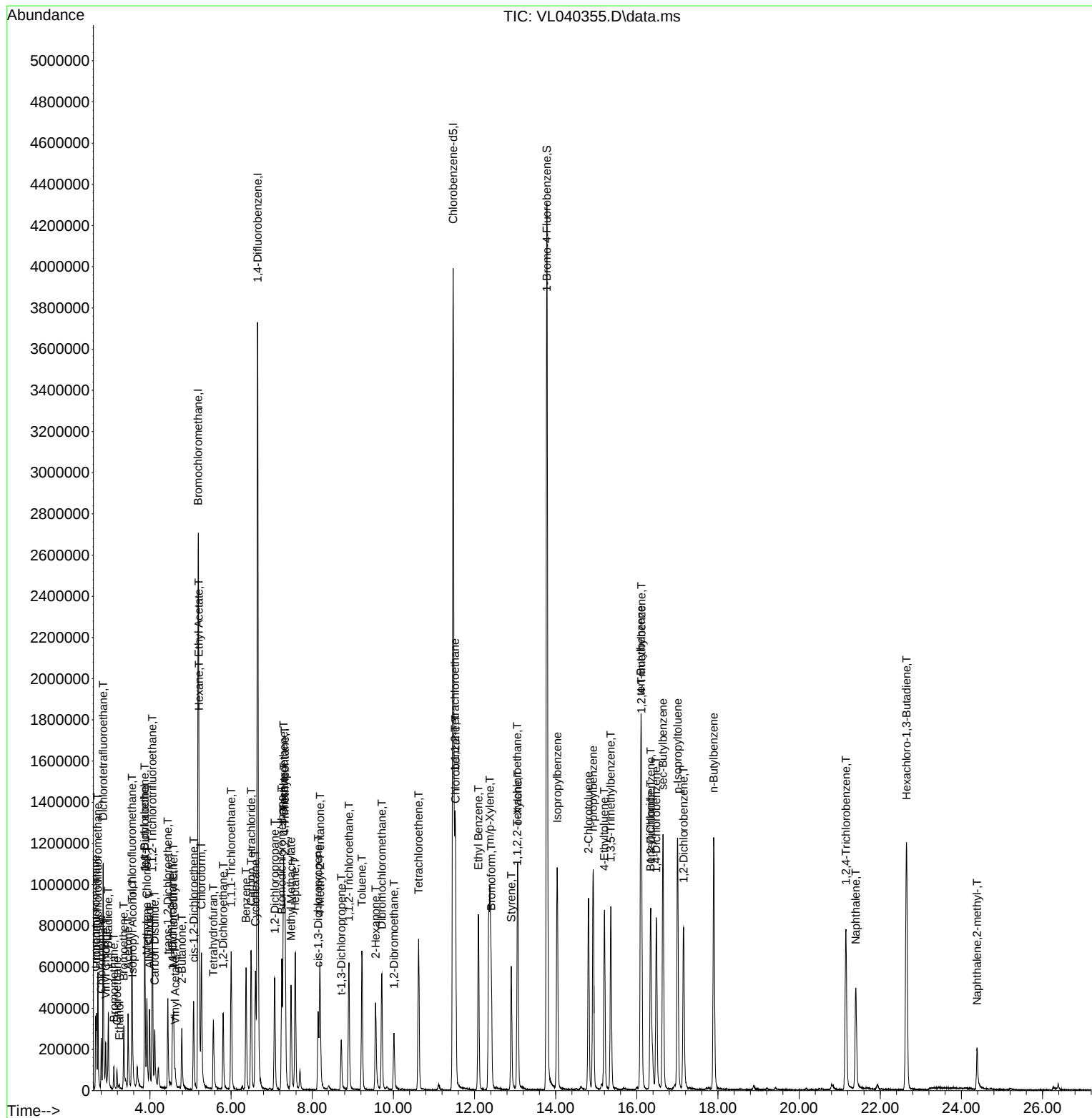
Quant Time: Apr 14 05:47:56 2023
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

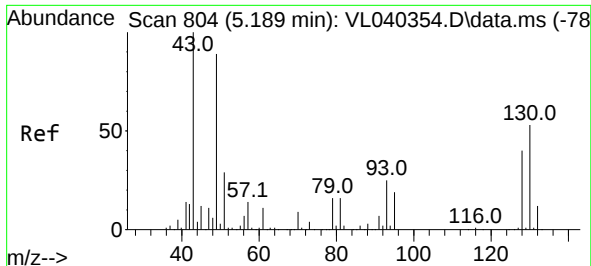
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	215869	2.061	ppbv	97
47) 1,1,2-Trichloroethane	8.902	97	210541	2.152	ppbv	91
48) Dibromochloromethane	9.716	129	334708	2.124	ppbv	99
49) Bromoform	12.410	173	263003	2.140	ppbv	98
50) 4-Methyl-2-Pentanone	8.192	43	509576	2.242	ppbv	98
51) 2-Hexanone	9.561	43	372240	2.216	ppbv #	97
52) Tetrachloroethene	10.622	164	161098	2.271	ppbv	96
53) Toluene	9.224	91	526518	2.190	ppbv	100
54) 1,2-Dibromoethane	10.015	107	218591	2.203	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	257810	2.121	ppbv #	1
57) Chlorobenzene	11.532	112	437555	2.099	ppbv	98
58) Ethyl Benzene	12.095	91	730624	2.230	ppbv	99
59) m/p-Xylene	12.381	91	714060	2.370	ppbv #	44
60) o-Xylene	13.066	91	636519	2.202	ppbv	100
61) Styrene	12.905	104	318253	2.198	ppbv	98
62) Isopropylbenzene	14.037	105	922467	2.216	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	221274	2.091	ppbv	98
64) n-propylbenzene	14.921	120	225105	2.197	ppbv	90
65) tert-Butylbenzene	16.098	119	833595	2.276	ppbv	99
66) Benzyl Chloride	16.336	91	31721	1.399	ppbv #	84
67) sec-Butylbenzene	16.645	105	1198417	2.278	ppbv	99
69) p-Isopropyltoluene	17.005	119	945818	2.302	ppbv	99
70) n-Butylbenzene	17.896	91	1074288	2.359	ppbv	97
71) 2-Chlorotoluene	14.809	91	711070	2.224	ppbv	98
72) 4-Ethyltoluene	15.198	105	720822	2.258	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	667005	2.262	ppbv	97
74) 1,2,4-Trimethylbenzene	16.114	105	437858	1.299	ppbv	95
75) 1,3-Dichlorobenzene	16.343	146	403300	2.185	ppbv	98
76) 1,4-Dichlorobenzene	16.481	146	400316	2.195	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	407077	2.230	ppbv	99
78) Hexachloro-1,3-Butadiene	22.645	225	316609	2.164	ppbv	98
79) Naphthalene	21.394	128	585397	2.574	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	136526	2.016	ppbv	93
81) 1,2,4-Trichlorobenzene	21.156	180	147780	1.057	ppbv #	1

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

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
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QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration

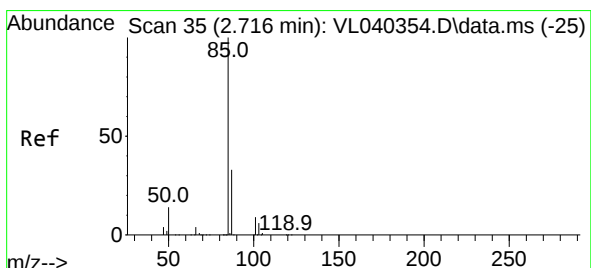
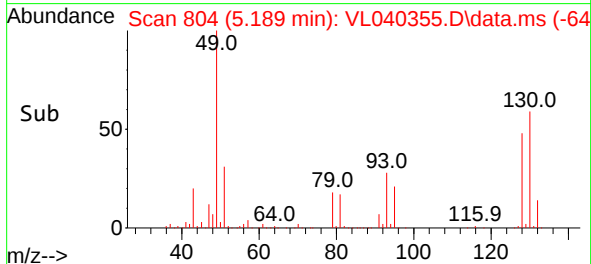
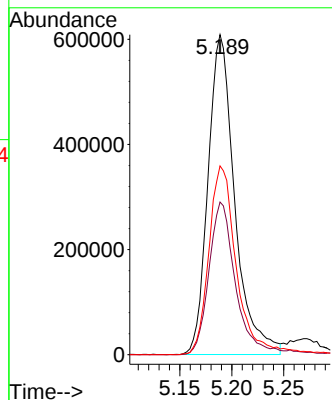
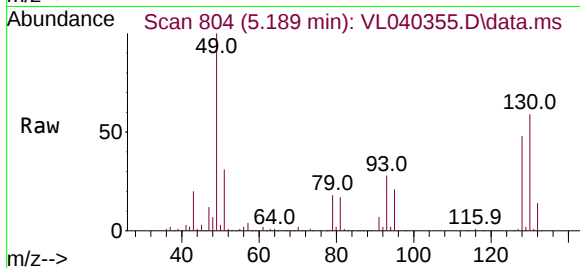




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

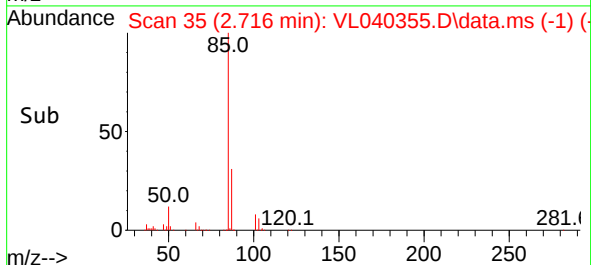
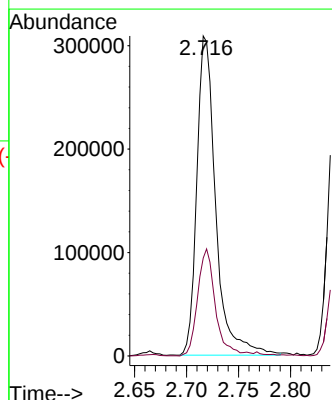
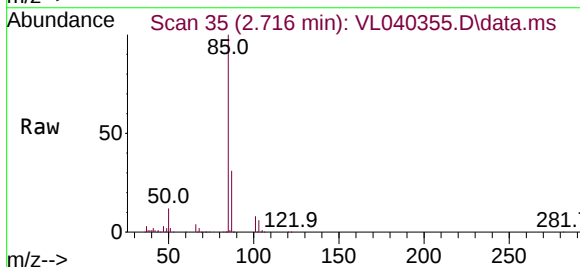
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

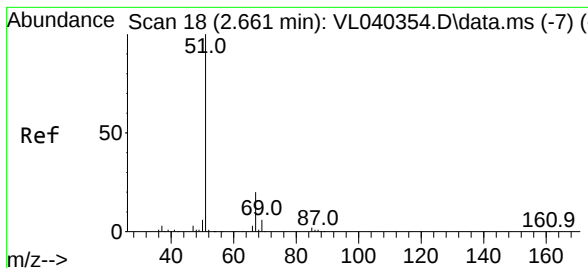
Tgt Ion: 49 Resp: 1087387
Ion Ratio Lower Upper
49 100
128 49.1 23.7 71.1
130 62.4 29.9 89.8



#2
Dichlorodifluoromethane
Concen: 1.991 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 85 Resp: 390441
Ion Ratio Lower Upper
85 100
87 30.7 26.6 40.0





#3

Chlorodifluoromethane

Concen: 2.145 ppbv

RT: 2.661 min Scan# 18

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

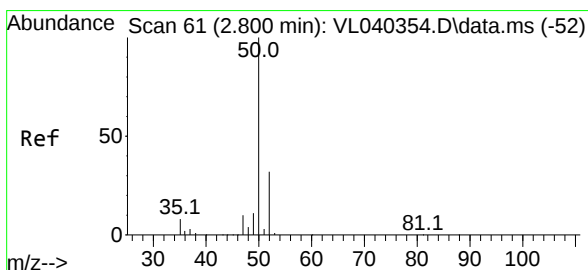
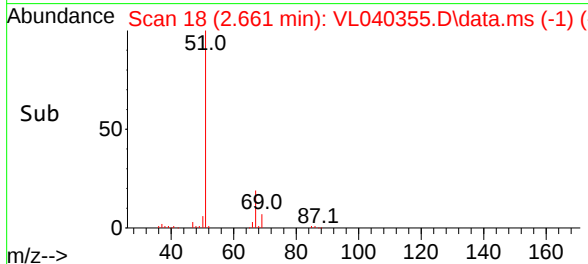
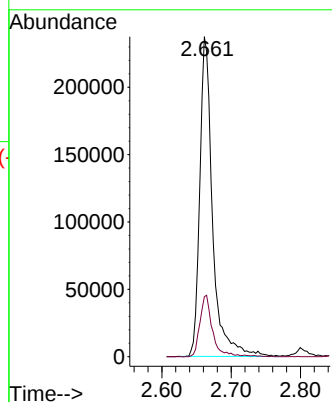
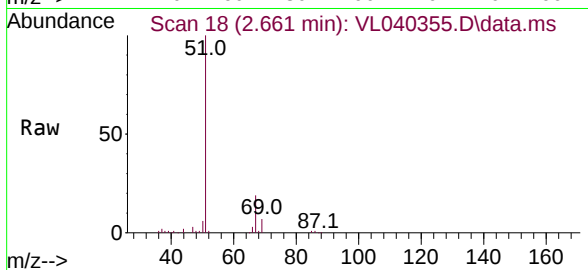
VSTDIC002

Tgt Ion: 51 Resp: 304742

Ion Ratio Lower Upper

51 100

67 19.1 15.5 23.3



#4

Chloromethane

Concen: 2.242 ppbv

RT: 2.803 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL040355.D

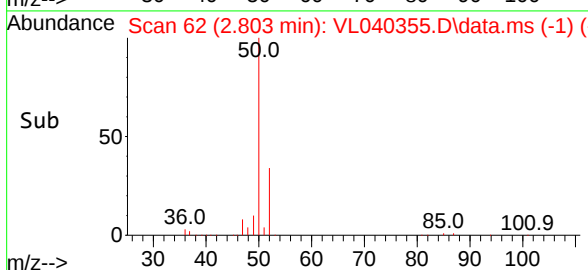
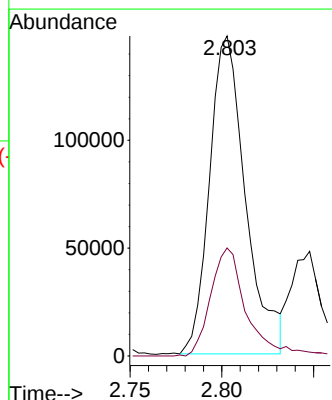
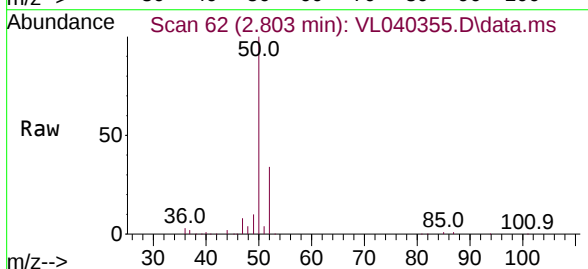
Acq: 13 Apr 2023 10:45

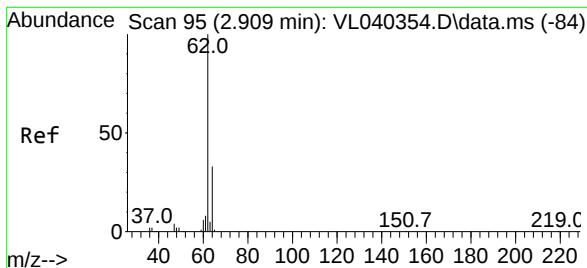
Tgt Ion: 50 Resp: 201209

Ion Ratio Lower Upper

50 100

52 33.7 25.3 37.9

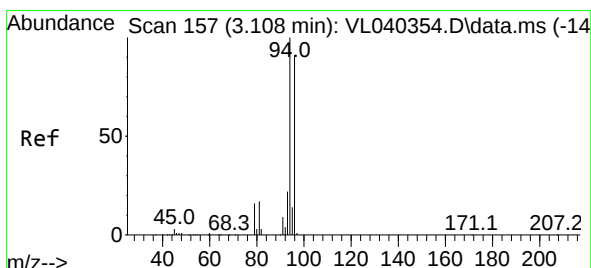
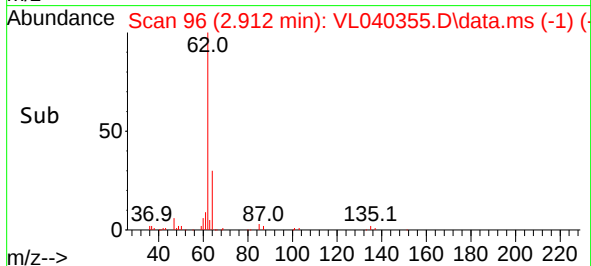
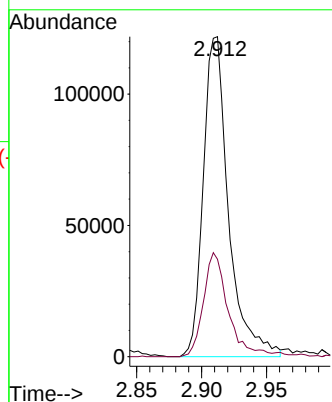
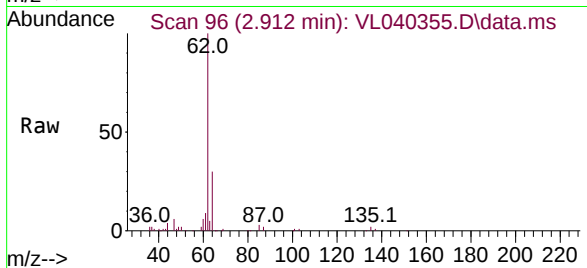




#5
 Vinyl Chloride
 Concen: 2.230 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

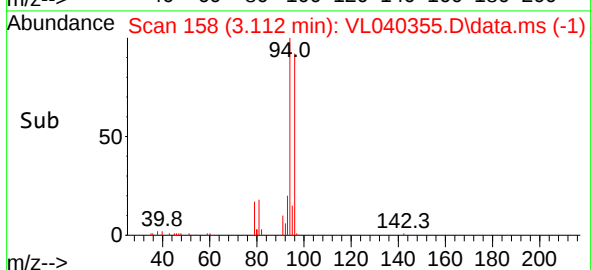
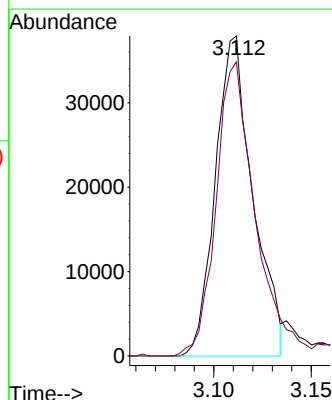
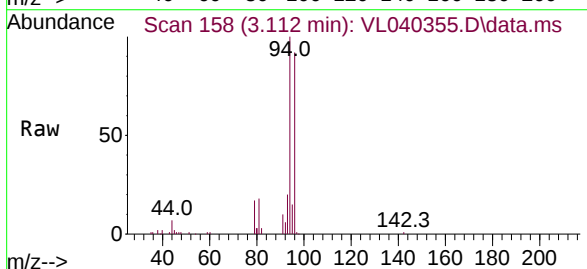
Instrument :
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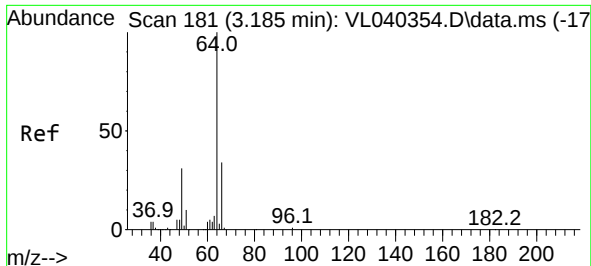
Tgt Ion: 62 Resp: 165217
 Ion Ratio Lower Upper
 62 100
 64 30.4 26.3 39.5



#6
 Bromomethane
 Concen: 2.075 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 94 Resp: 50650
 Ion Ratio Lower Upper
 94 100
 96 91.0 72.6 108.8

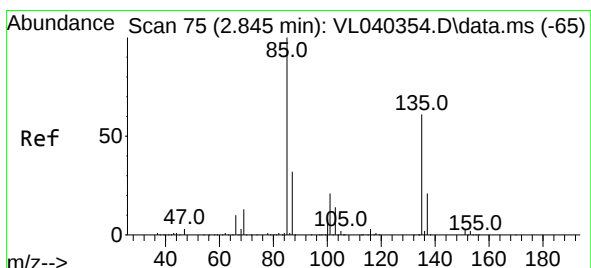
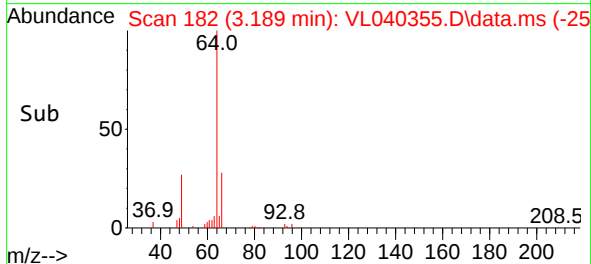
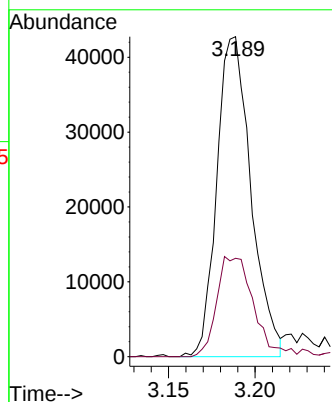
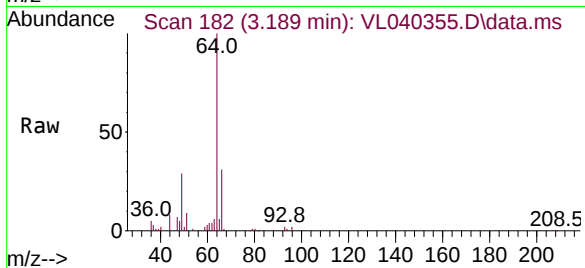




#7
Chloroethane
Concen: 2.089 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

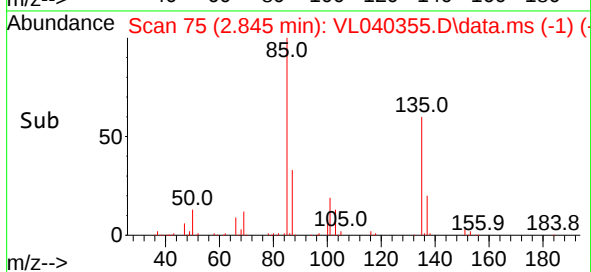
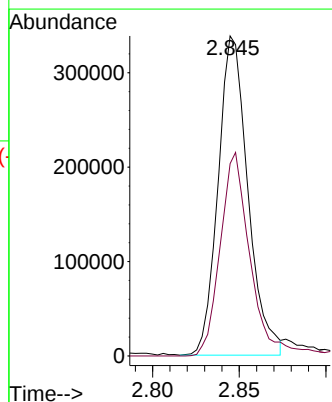
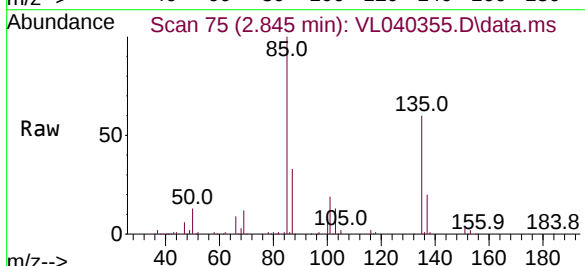
Instrument :
MSVOA_V
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VSTDIC002

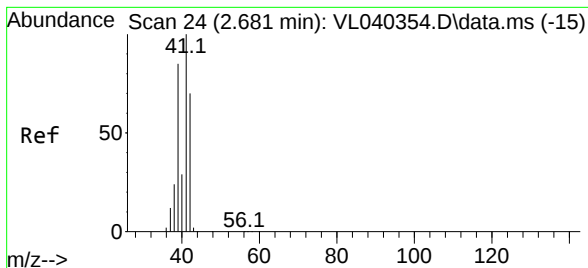
Tgt Ion: 64 Resp: 58615
Ion Ratio Lower Upper
64 100
66 30.7 27.5 41.3



#8
Dichlorotetrafluoroethane
Concen: 2.114 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 85 Resp: 405045
Ion Ratio Lower Upper
85 100
135 66.2 50.7 76.1





#9

Propene

Concen: 2.212 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

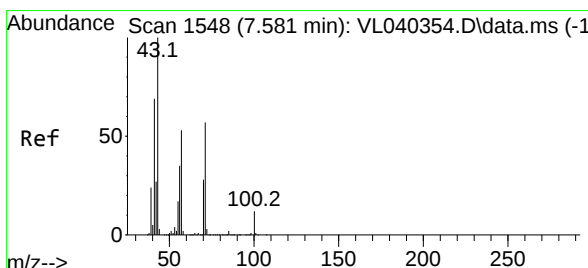
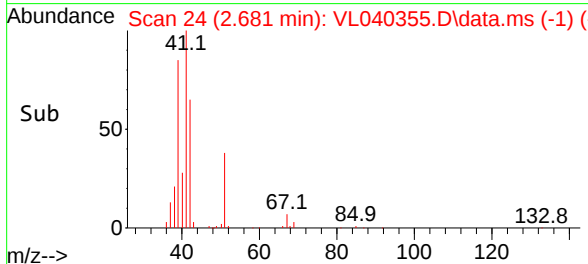
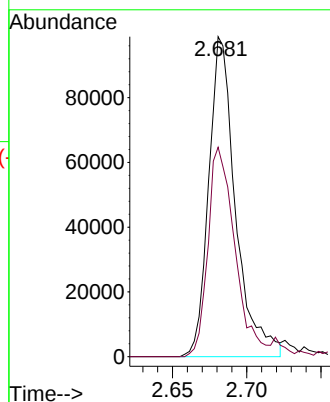
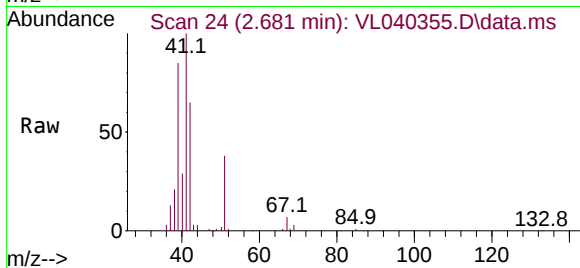
VSTDIC002

Tgt Ion: 41 Resp: 124148

Ion Ratio Lower Upper

41 100

42 70.9 56.5 84.7



#10

Heptane

Concen: 2.254 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.003 min

Lab File: VL040355.D

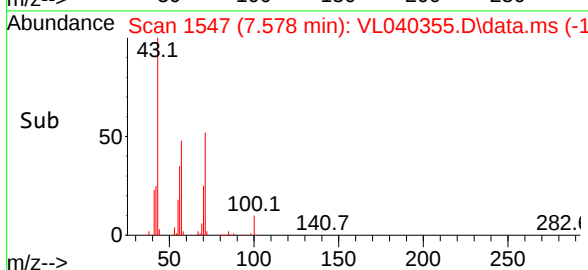
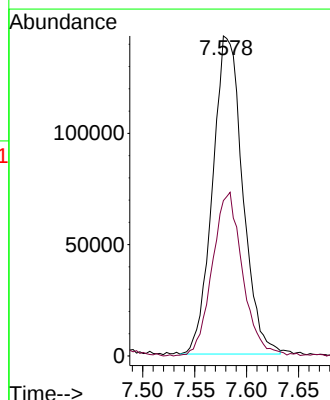
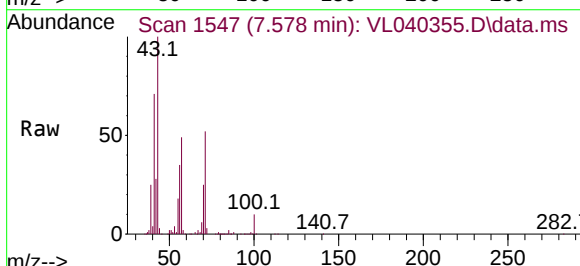
Acq: 13 Apr 2023 10:45

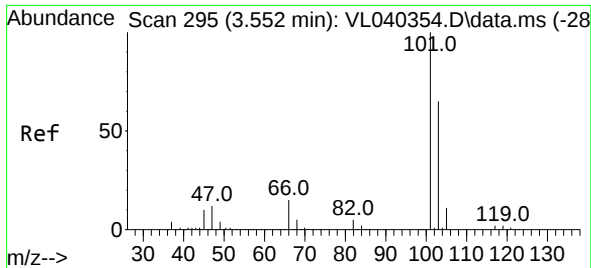
Tgt Ion: 43 Resp: 287536

Ion Ratio Lower Upper

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57 52.0 42.2 63.4

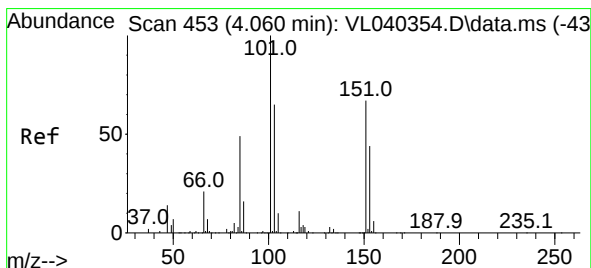
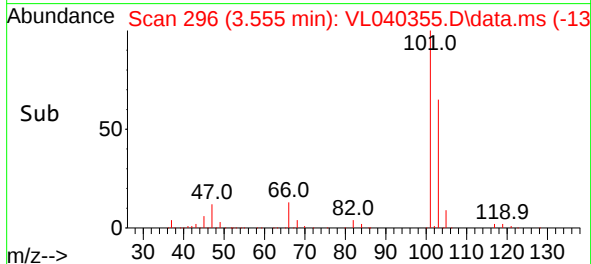
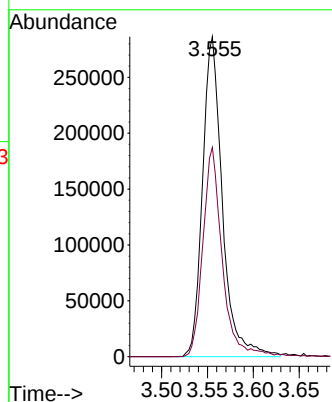
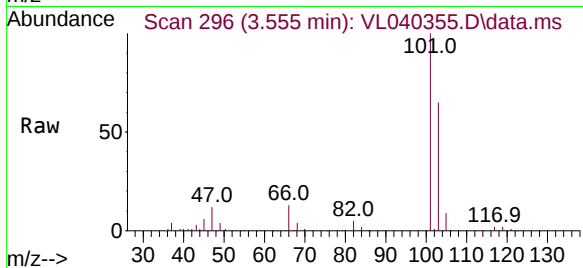




#11
 Trichlorofluoromethane
 Concen: 2.170 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

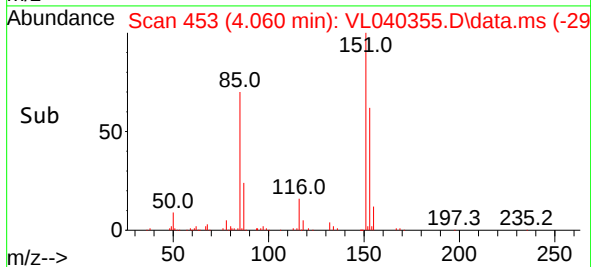
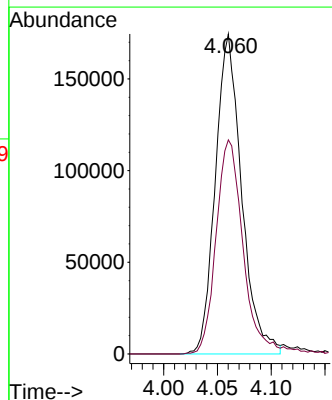
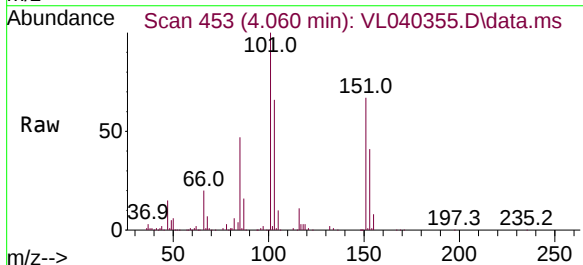
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

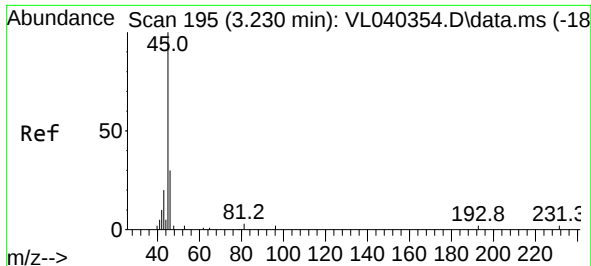
Tgt Ion:101 Resp: 430745
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.137 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion:101 Resp: 296671
 Ion Ratio Lower Upper
 101 100
 151 69.8 54.7 82.1

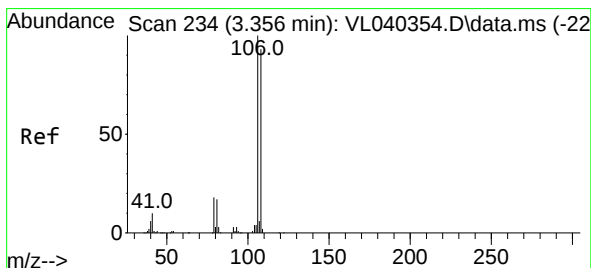
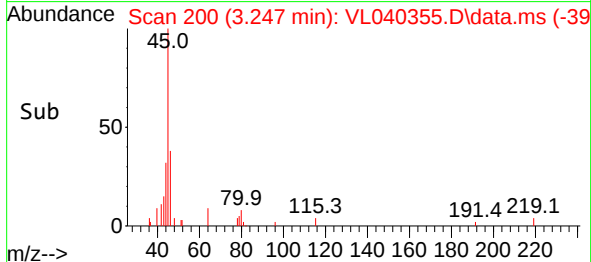
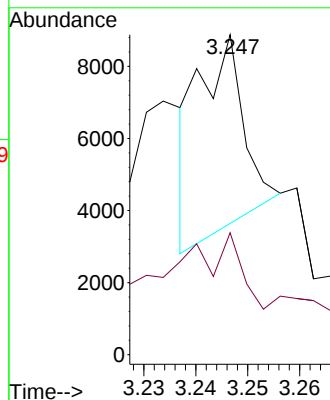
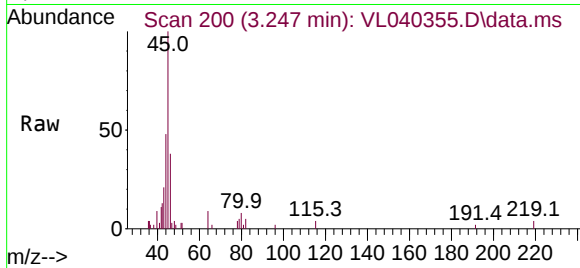




#13
Ethanol
Concen: 0.704 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.016 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

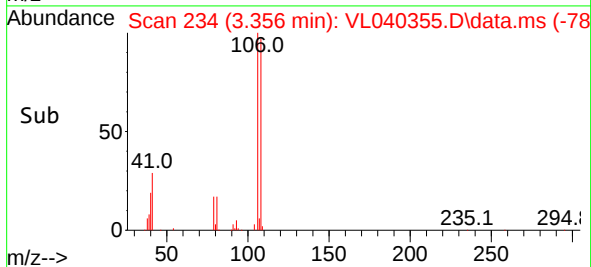
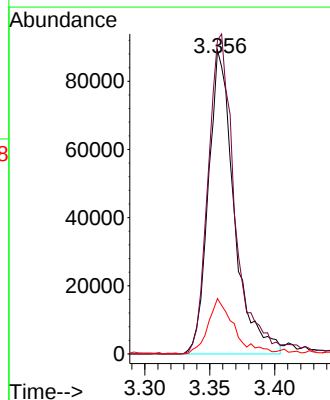
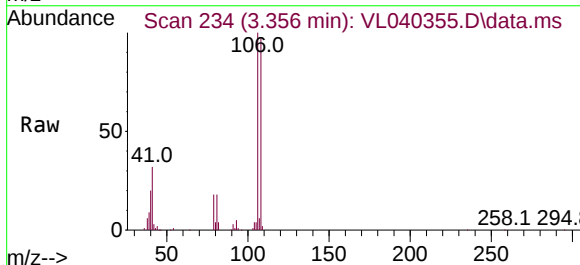
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

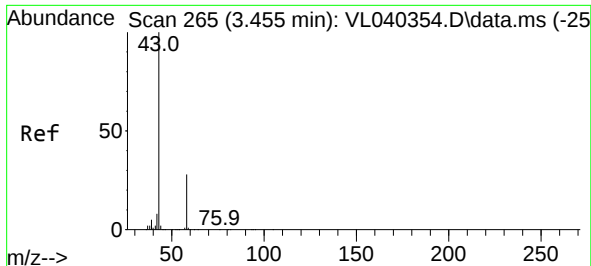
Tgt Ion: 45 Resp: 3298
Ion Ratio Lower Upper
45 100
46 204.4 15.3 61.3#



#14
Bromoethene
Concen: 2.173 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:108 Resp: 123321
Ion Ratio Lower Upper
108 100
106 112.6 88.3 132.5
79 20.1 16.1 24.1

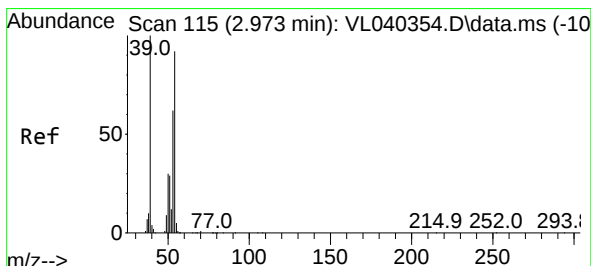
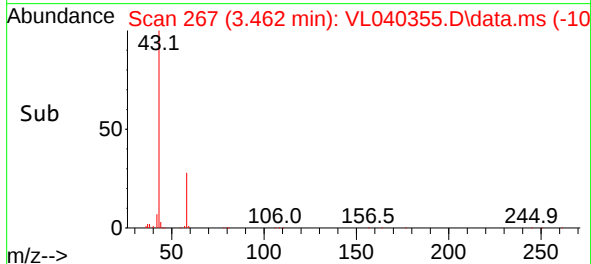
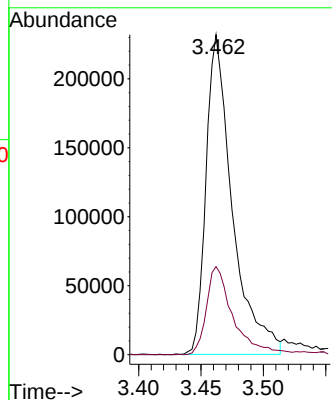
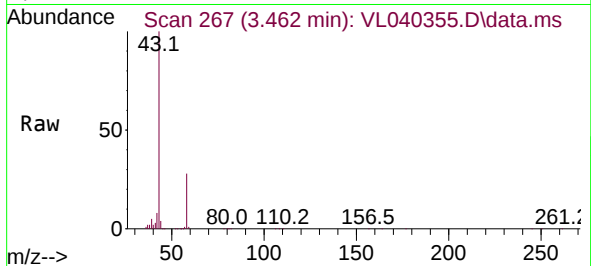




#15
Acetone
Concen: 2.209 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

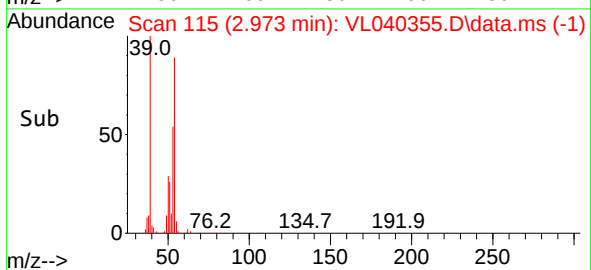
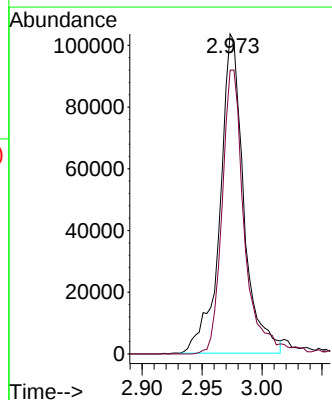
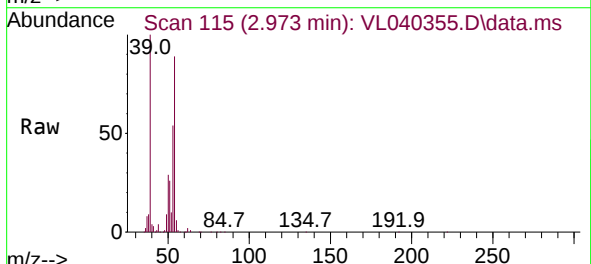
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

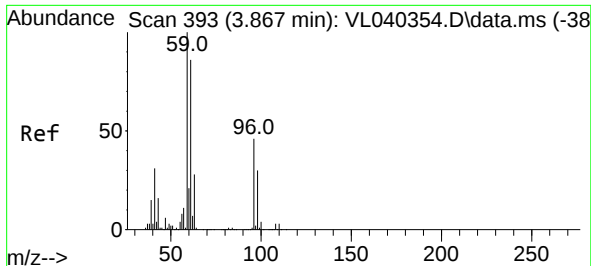
Tgt Ion: 43 Resp: 340274
Ion Ratio Lower Upper
43 100
58 28.8 22.2 33.2



#16
1,3-Butadiene
Concen: 2.236 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 39 Resp: 142504
Ion Ratio Lower Upper
39 100
54 85.4 68.8 103.2

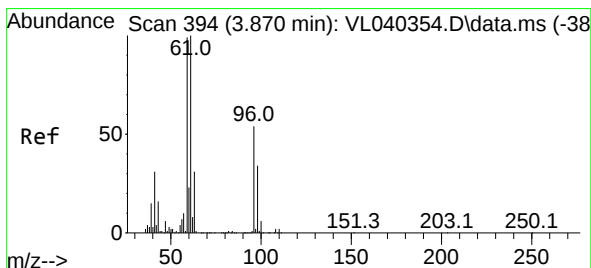
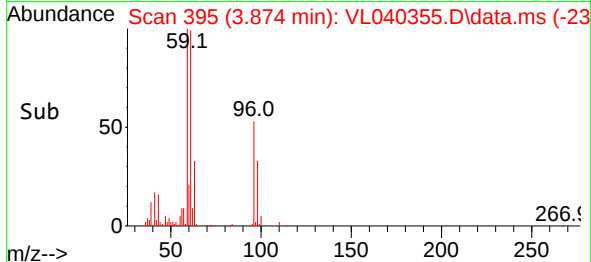
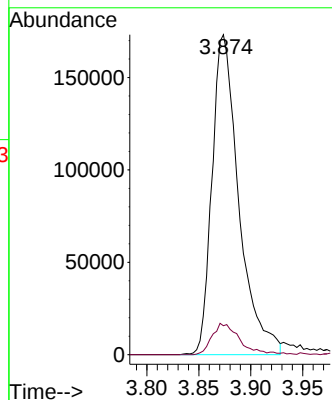
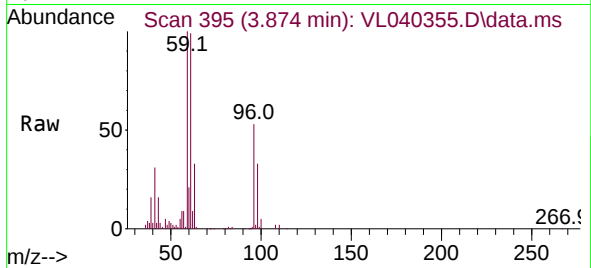




#17
tert-Butyl alcohol
Concen: 2.198 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

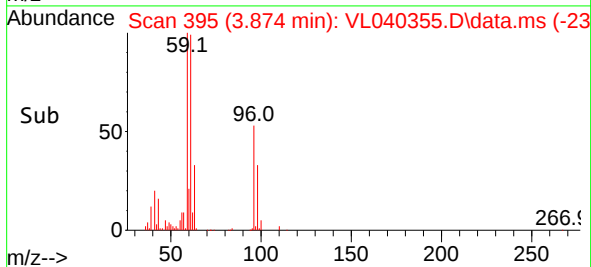
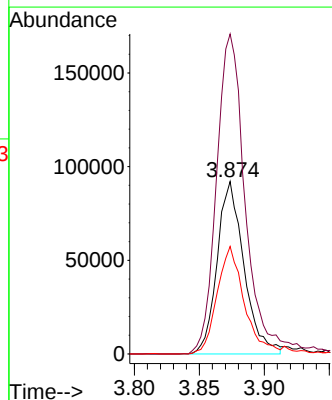
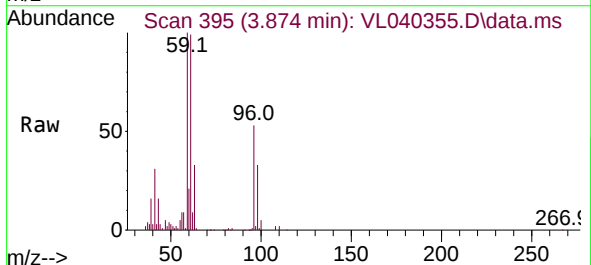
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

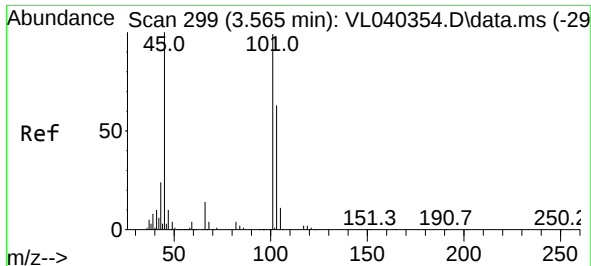
Tgt Ion: 59 Resp: 310870
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7



#18
1,1-Dichloroethene
Concen: 2.114 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 96 Resp: 132327
Ion Ratio Lower Upper
96 100
61 185.6 148.3 222.5
98 62.3 49.8 74.8





#19

Isopropyl Alcohol

Concen: 2.304 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.007 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

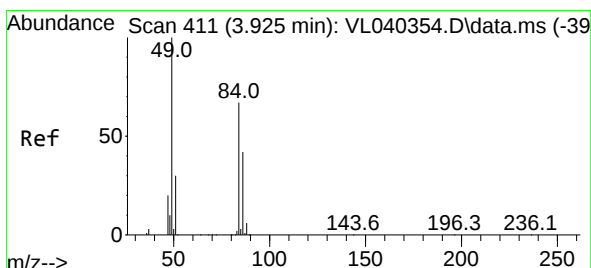
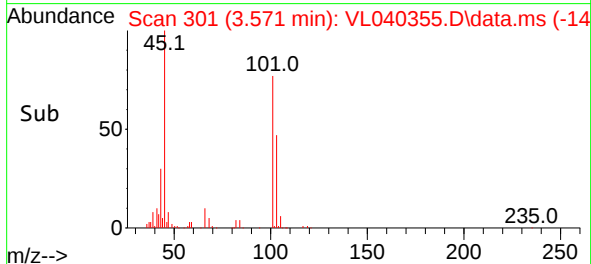
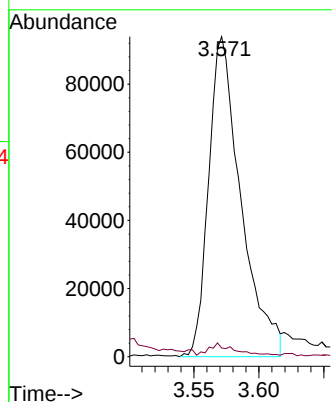
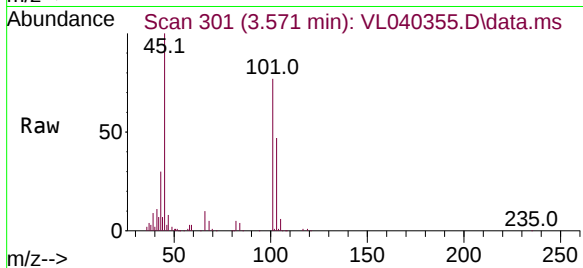
VSTDICC002

Tgt Ion: 45 Resp: 161887

Ion Ratio Lower Upper

45 100

58 4.5 2.6 4.0#



#20

Methylene Chloride

Concen: 2.165 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Tgt Ion: 84 Resp: 133108

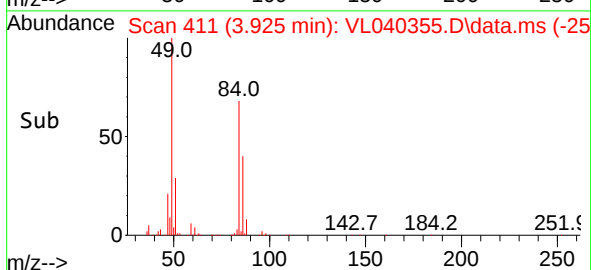
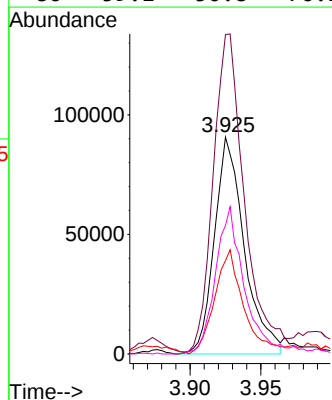
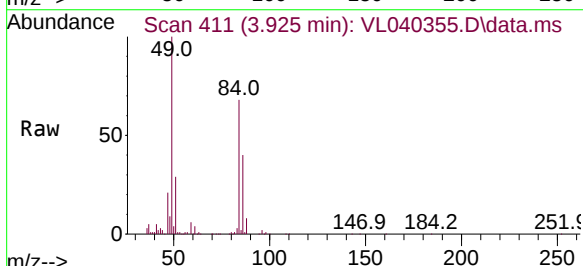
Ion Ratio Lower Upper

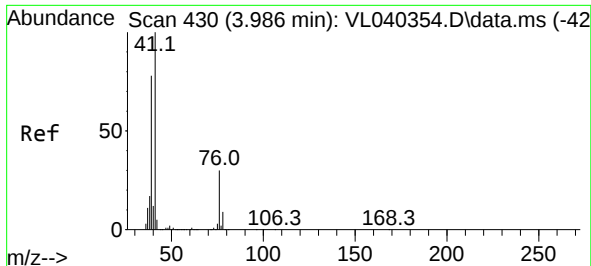
84 100

49 146.4 120.1 180.1

51 42.0 36.3 54.5

86 59.1 50.8 76.2

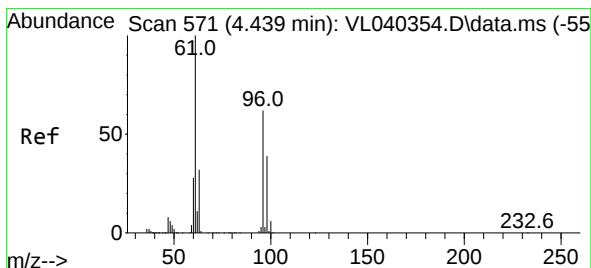
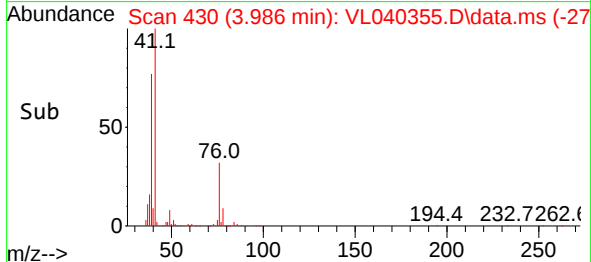
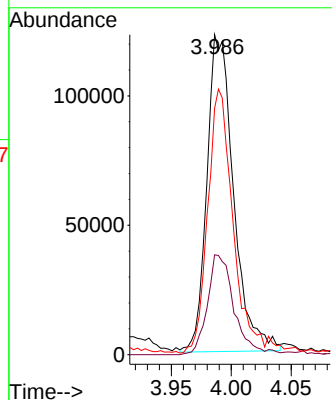
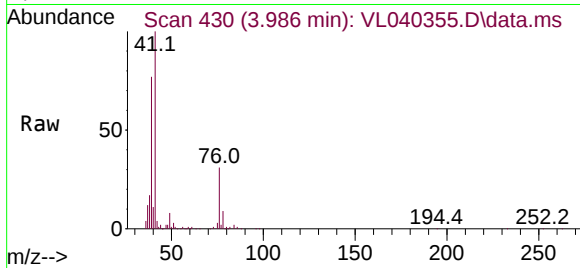




#21
 Allyl Chloride
 Concen: 2.167 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

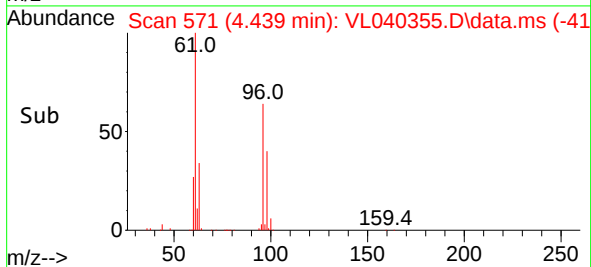
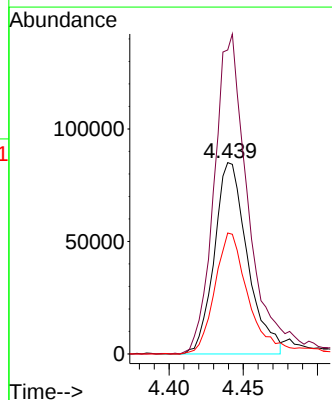
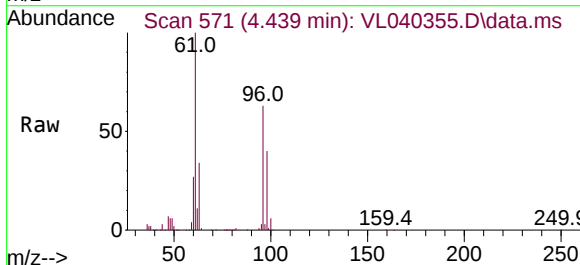
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

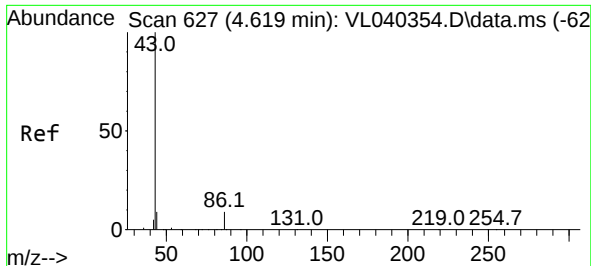
Tgt Ion: 41 Resp: 189648
 Ion Ratio Lower Upper
 41 100
 76 32.1 25.5 38.3
 39 80.9 64.0 96.0



#22
 trans-1,2-Dichloroethene
 Concen: 2.110 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 96 Resp: 132074
 Ion Ratio Lower Upper
 96 100
 61 158.9 129.4 194.2
 98 63.2 51.0 76.4

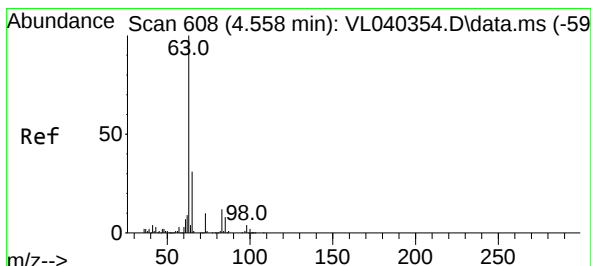
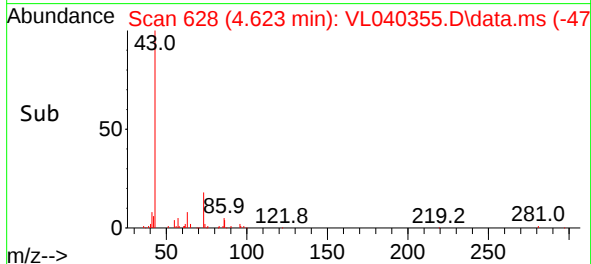
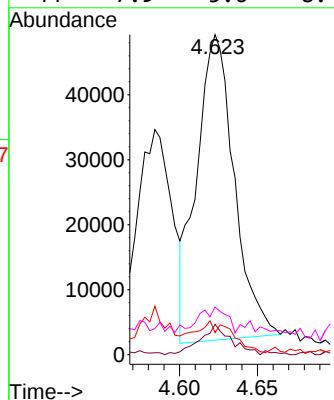
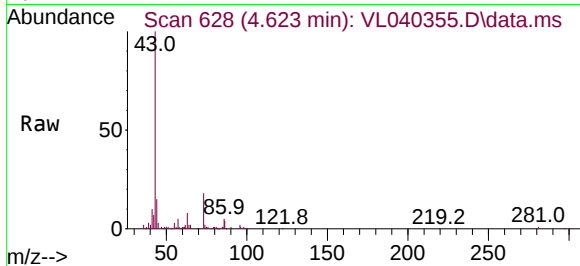




#23
 Vinyl Acetate
 Concen: 2.011 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

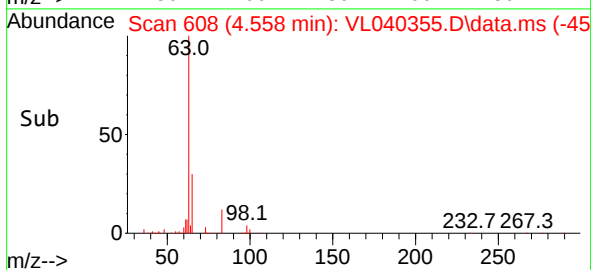
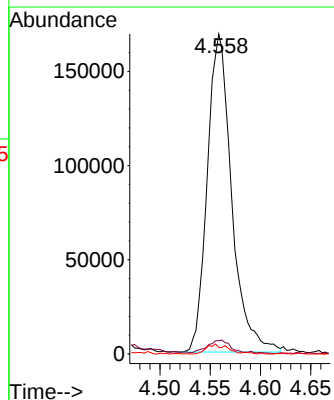
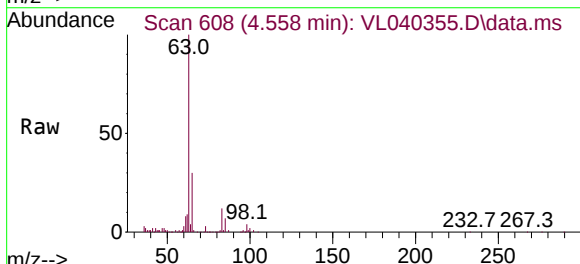
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

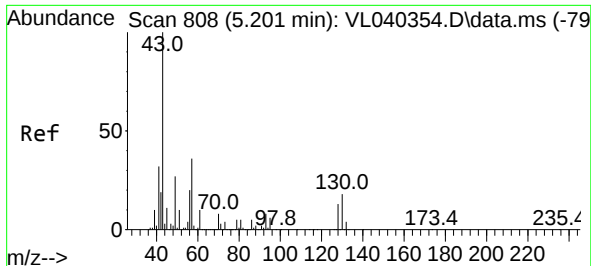
Tgt Ion: 43	Resp: 78850
Ion Ratio	Lower Upper
43 100	
86 9.7	6.0 9.0#
42 6.2	6.4 9.6#
44 7.9	5.6 8.4



#24
 1,1-Dichloroethane
 Concen: 2.182 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 63	Resp: 284761
Ion Ratio	Lower Upper
63 100	
98 3.8	2.1 6.2
100 1.9	1.2 3.6



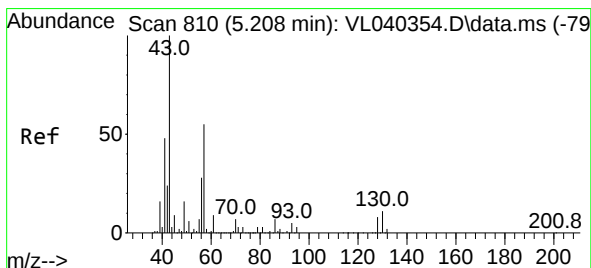
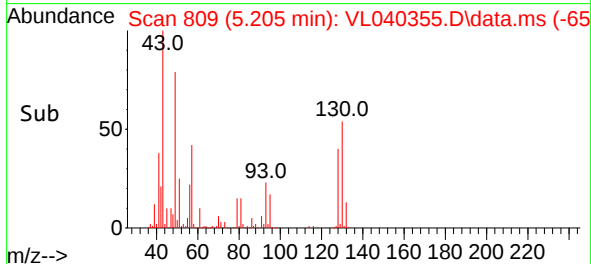
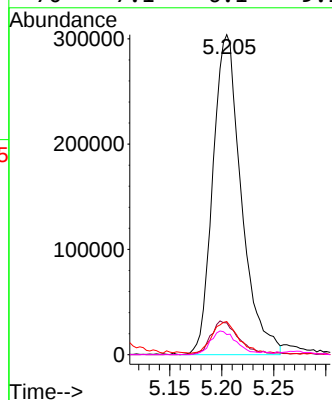
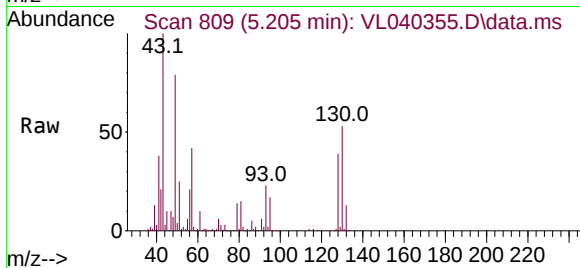


#25
Ethyl Acetate
Concen: 2.232 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 578425

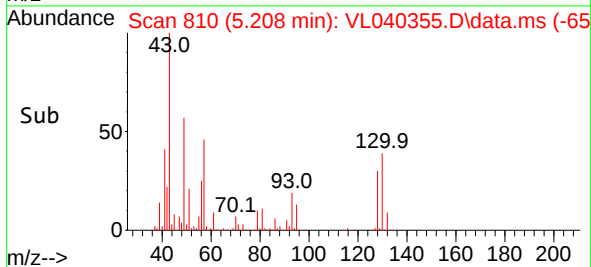
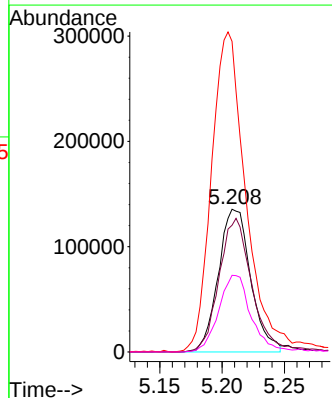
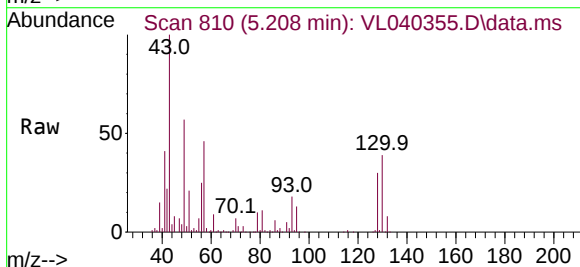
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.5	12.7
61	10.7	8.5	12.7
70	7.1	6.1	9.1

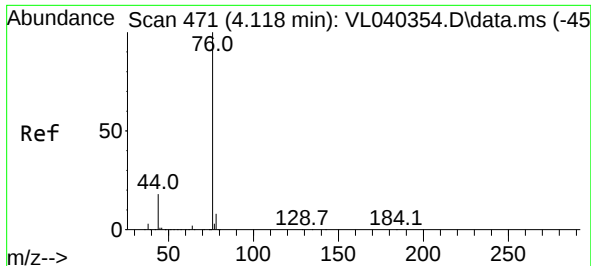


#26
Hexane
Concen: 2.241 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 57 Resp: 244870

Ion	Ratio	Lower	Upper
57	100		
41	97.4	74.8	112.2
43	245.2	192.7	289.1
56	54.9	42.6	64.0

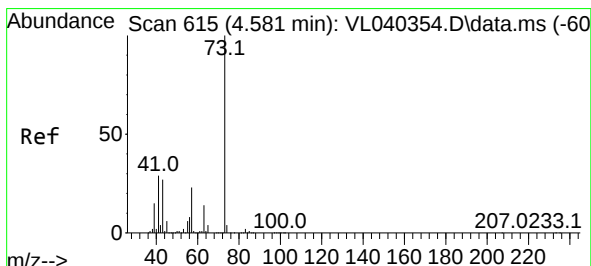
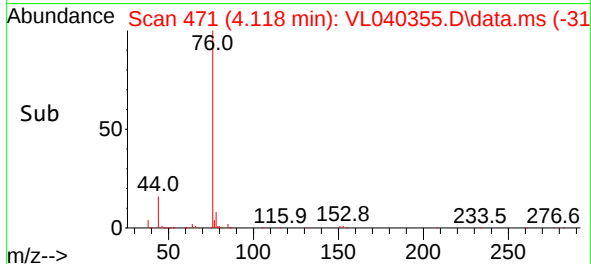
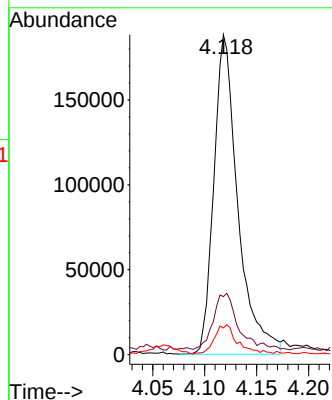
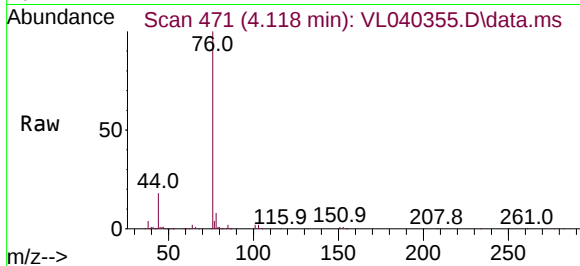




#27
Carbon Disulfide
Concen: 2.138 ppbv
RT: 4.118 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

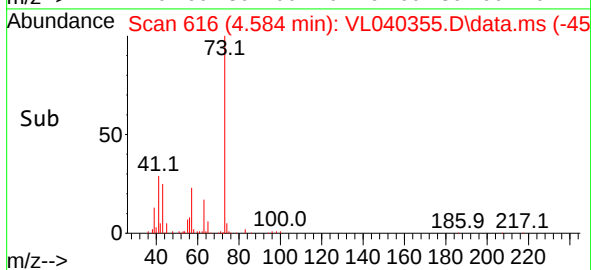
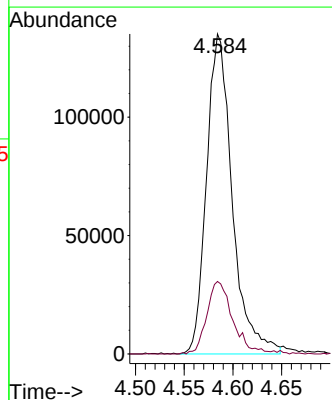
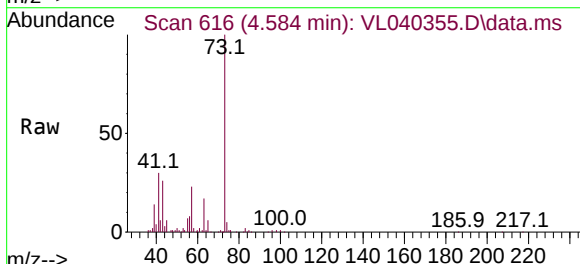
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

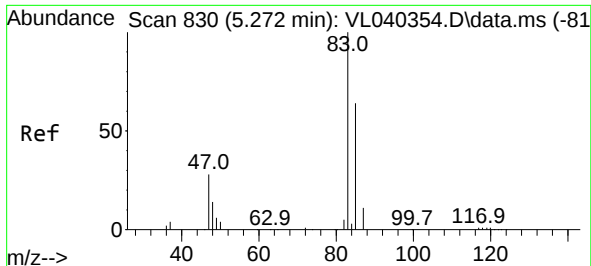
Tgt Ion: 76 Resp: 302269
Ion Ratio Lower Upper
76 100
44 19.0 14.7 22.1
78 9.8 7.7 11.5



#28
Methyl tert-Butyl Ether
Concen: 2.198 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 73 Resp: 247918
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29

Chloroform

Concen: 2.200 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

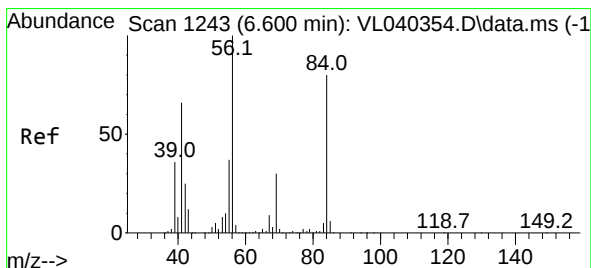
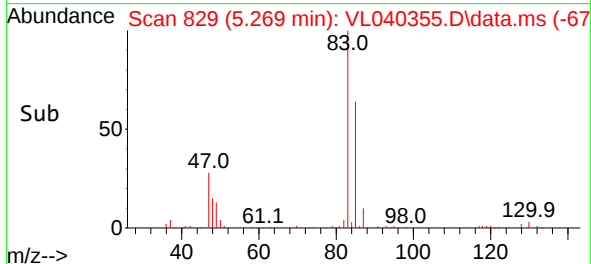
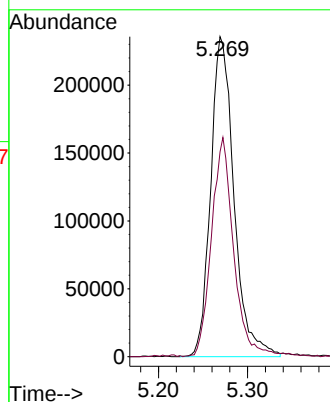
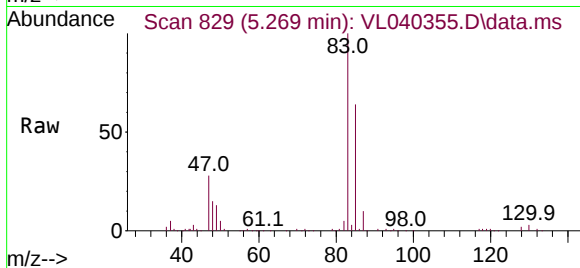
VSTDIC002

Tgt Ion: 83 Resp: 428221

Ion Ratio Lower Upper

83 100

85 63.6 51.0 76.4



#30

Cyclohexane

Concen: 2.209 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

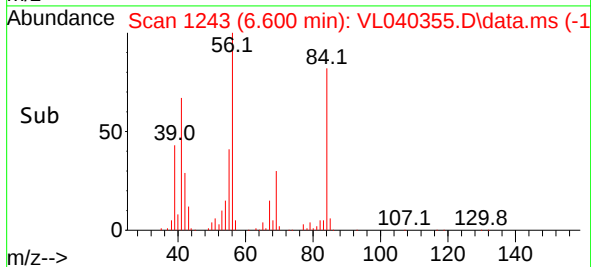
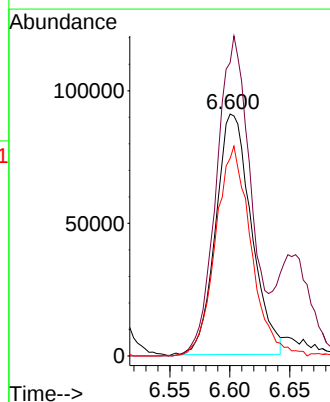
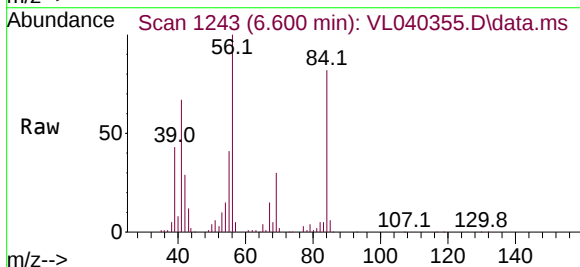
Tgt Ion: 84 Resp: 186938

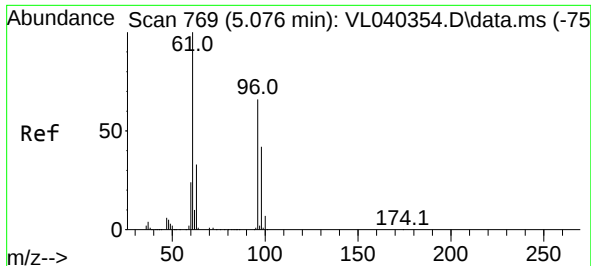
Ion Ratio Lower Upper

84 100

56 132.2 107.0 160.6

41 87.6 66.7 100.1

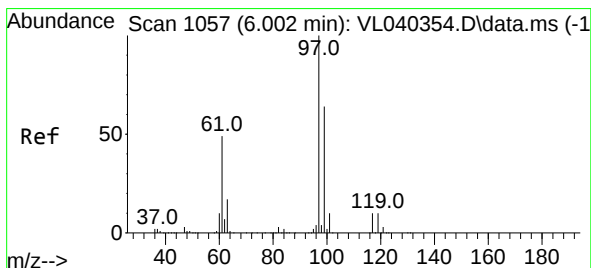
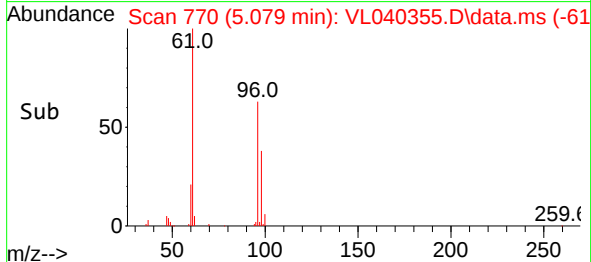
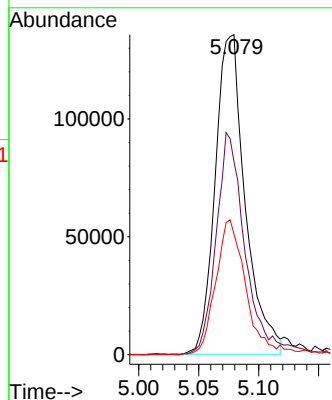
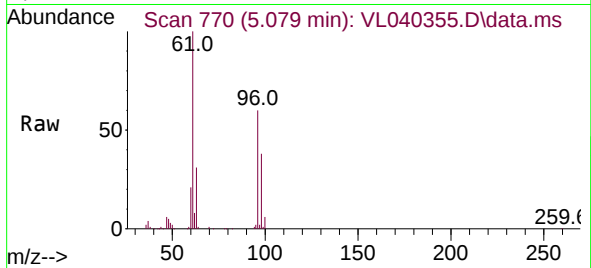




#31
 cis-1,2-Dichloroethene
 Concen: 2.178 ppbv
 RT: 5.079 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

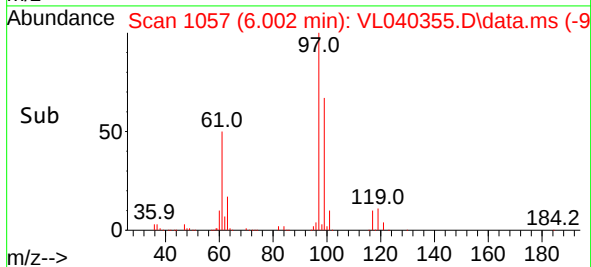
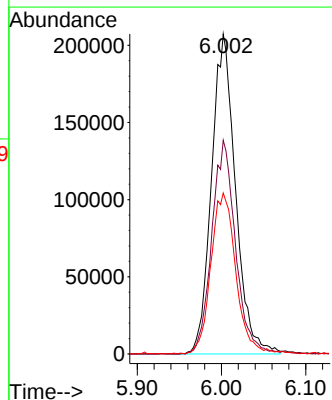
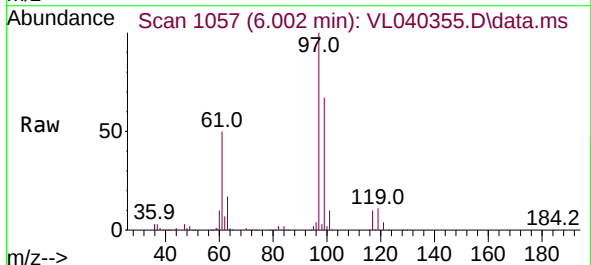
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

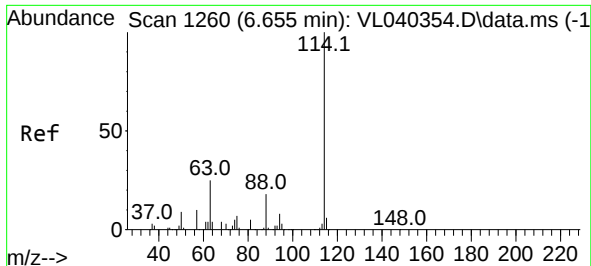
Tgt Ion: 61 Resp: 235891
 Ion Ratio Lower Upper
 61 100
 96 60.5 53.0 79.4
 98 37.8 33.8 50.8



#32
 1,1,1-Trichloroethane
 Concen: 2.167 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 97 Resp: 409809
 Ion Ratio Lower Upper
 97 100
 99 66.4 51.8 77.8
 61 52.1 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC002

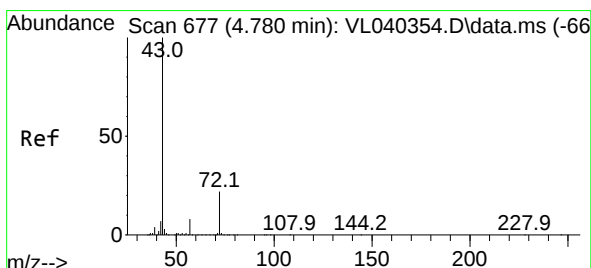
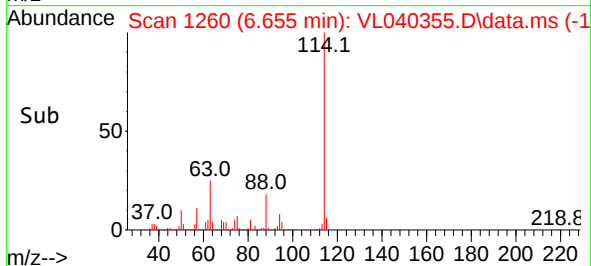
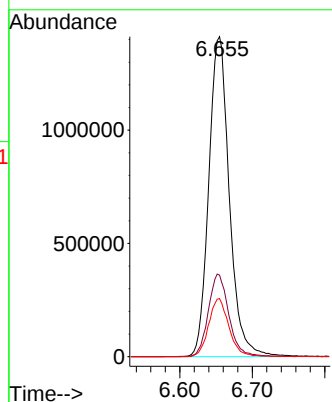
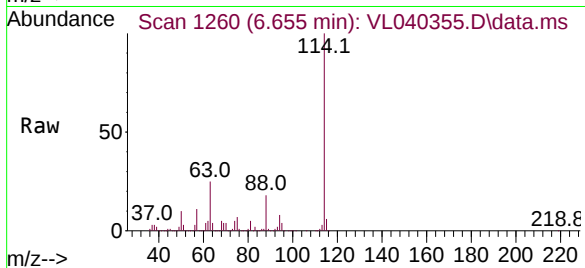
Tgt Ion:114 Resp: 2780148

Ion Ratio Lower Upper

114 100

63 26.0 21.4 32.0

88 18.0 14.6 22.0



#34

2-Butanone

Concen: 2.173 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040355.D

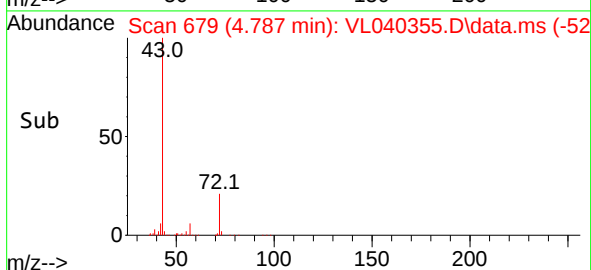
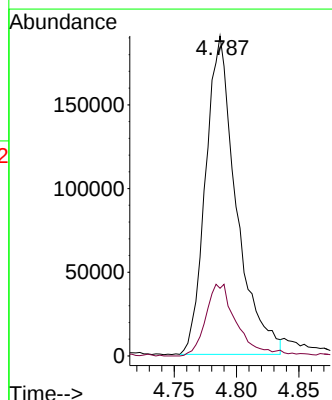
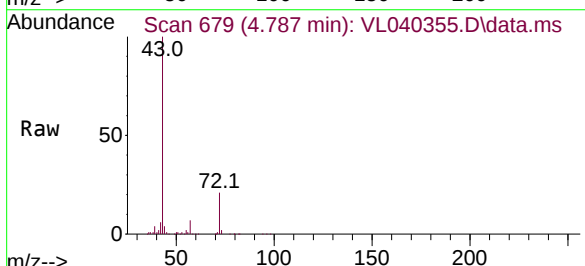
Acq: 13 Apr 2023 10:45

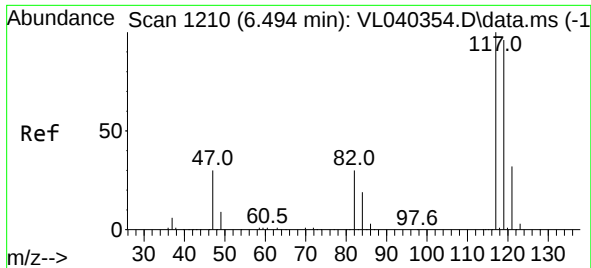
Tgt Ion: 43 Resp: 325796

Ion Ratio Lower Upper

43 100

72 23.7 18.4 27.6

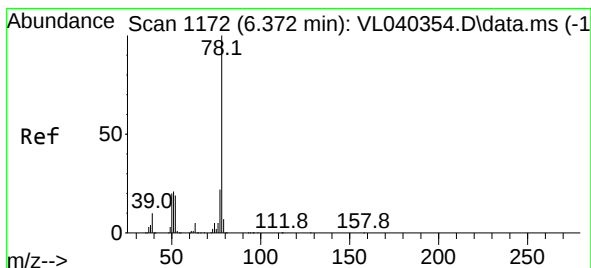
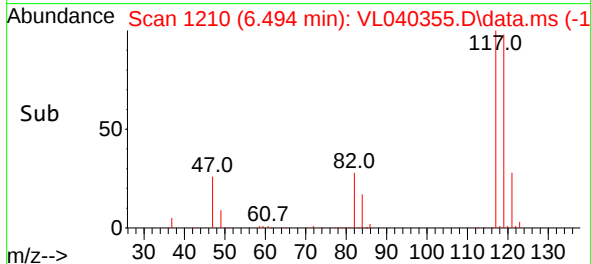
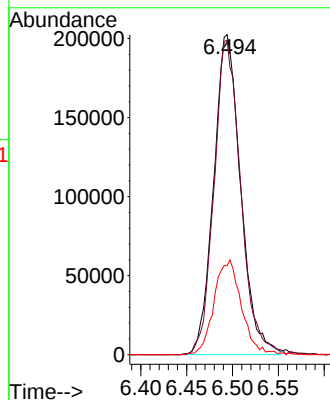
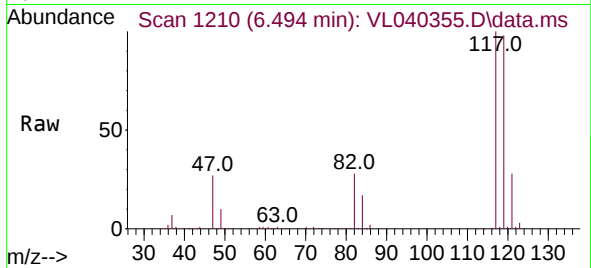




#35
Carbon Tetrachloride
Concen: 2.116 ppbv
RT: 6.494 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

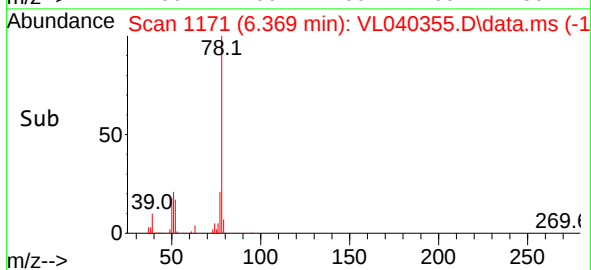
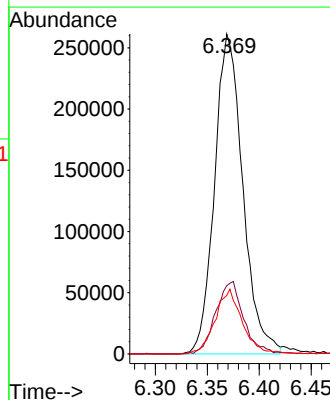
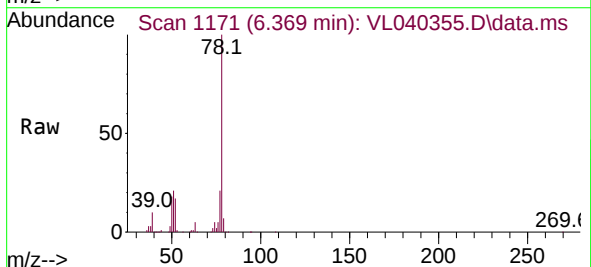
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

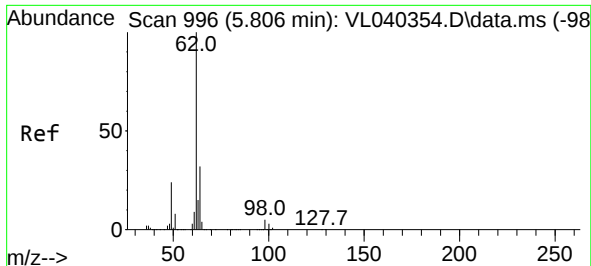
Tgt Ion:117 Resp: 414146
Ion Ratio Lower Upper
117 100
119 98.3 76.6 114.8
121 27.8 25.3 37.9



#36
Benzene
Concen: 2.177 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 78 Resp: 493848
Ion Ratio Lower Upper
78 100
77 21.3 17.8 26.8
50 18.3 15.6 23.4

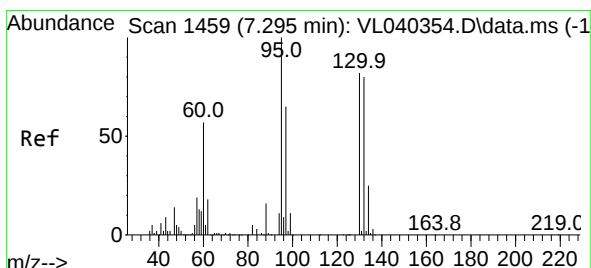
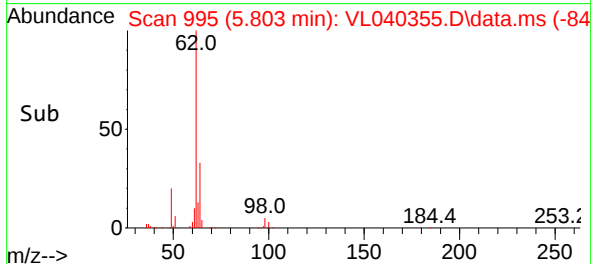
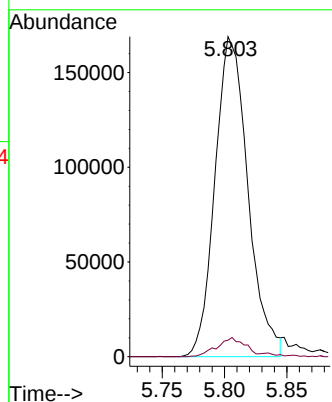
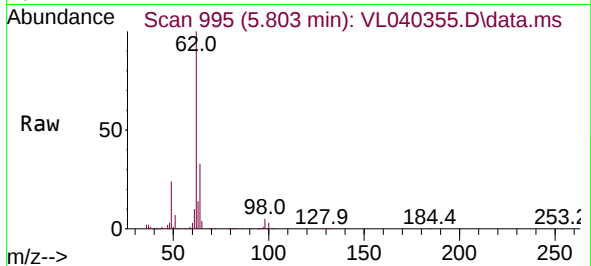




#37
1,2-Dichloroethane
Concen: 2.083 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

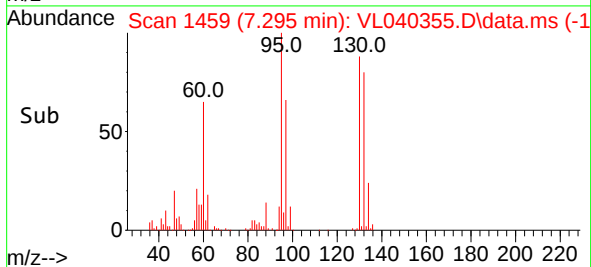
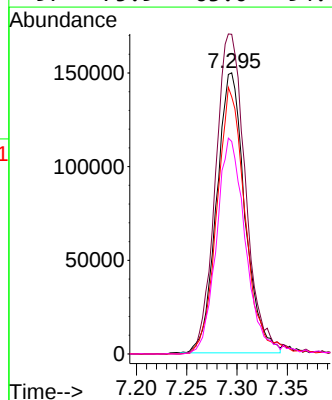
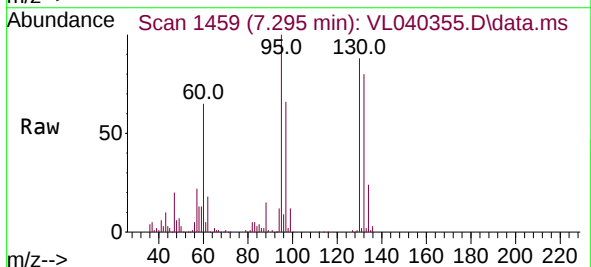
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

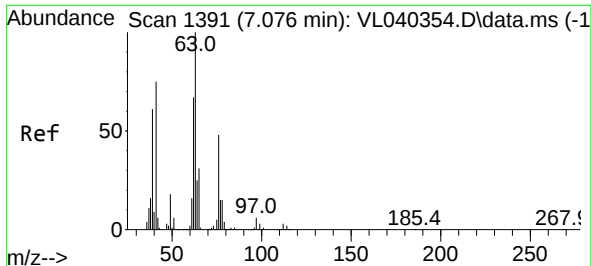
Tgt Ion: 62 Resp: 310405
Ion Ratio Lower Upper
62 100
98 5.8 4.4 6.6



#38
Trichloroethene
Concen: 2.270 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:130 Resp: 293013
Ion Ratio Lower Upper
130 100
95 114.2 97.4 146.0
132 91.8 77.5 116.3
97 75.9 63.0 94.4





#39

1,2-Dichloropropane

Concen: 2.133 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC002

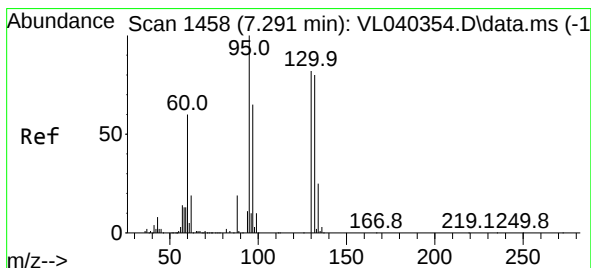
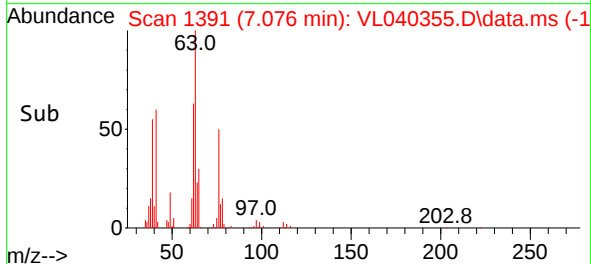
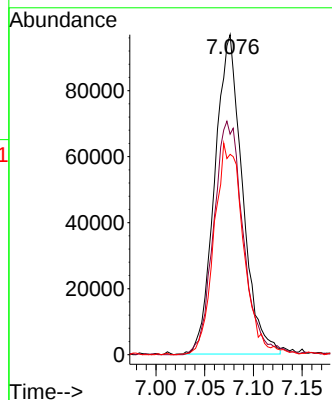
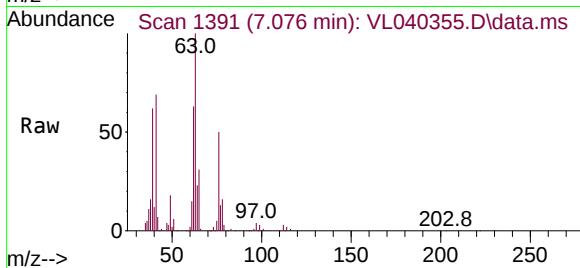
Tgt Ion: 63 Resp: 190350

Ion Ratio Lower Upper

63 100

41 69.0 59.6 89.4

62 62.6 53.9 80.9



#40

1,4-Dioxane

Concen: 2.046 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.013 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Tgt Ion: 88 Resp: 69924

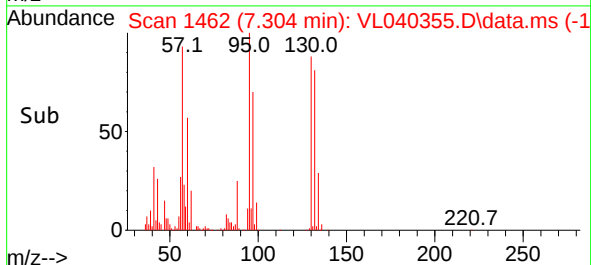
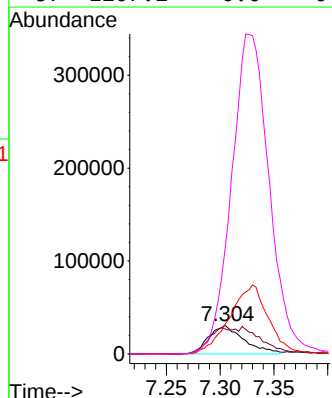
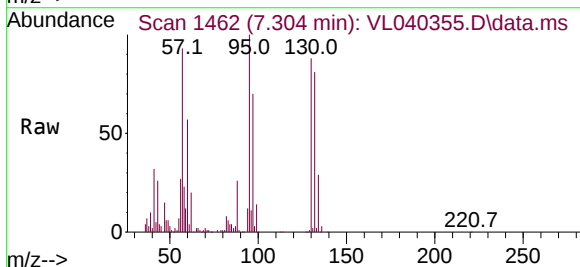
Ion Ratio Lower Upper

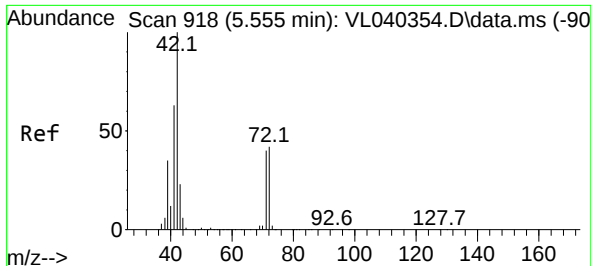
88 100

58 135.8 100.8 151.2

43 268.5 0.0 0.0#

57 1207.2 0.0 0.0#





#41

Tetrahydrofuran

Concen: 2.143 ppbv

RT: 5.562 min Scan# 918

Delta R.T. 0.006 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002

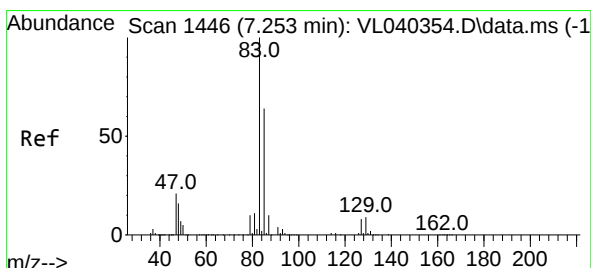
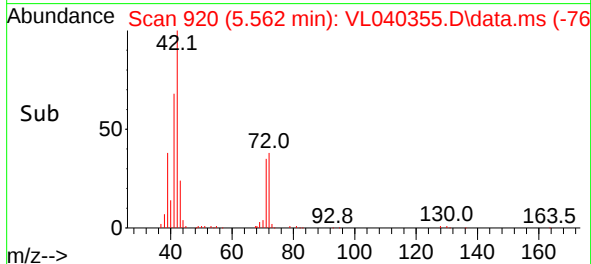
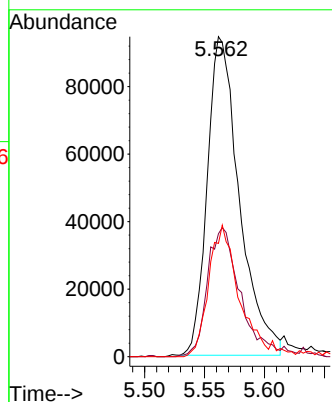
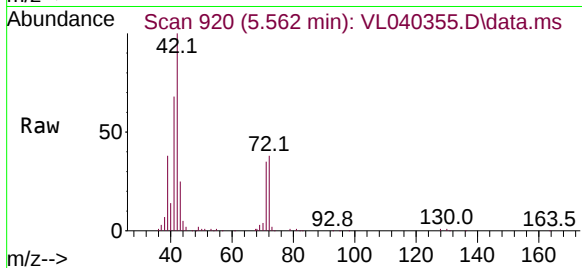
Tgt Ion: 42 Resp: 175973

Ion Ratio Lower Upper

42 100

72 43.1 33.7 50.5

71 41.1 32.2 48.2



#42

Bromodichloromethane

Concen: 2.147 ppbv

RT: 7.250 min Scan# 1445

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

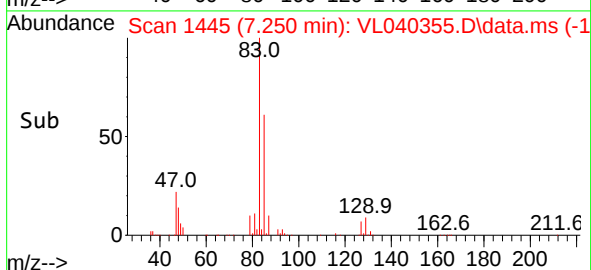
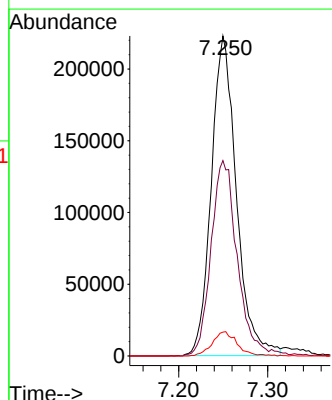
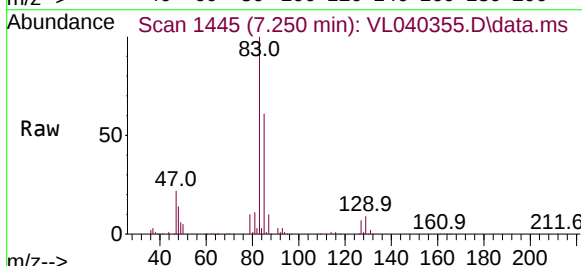
Tgt Ion: 83 Resp: 436827

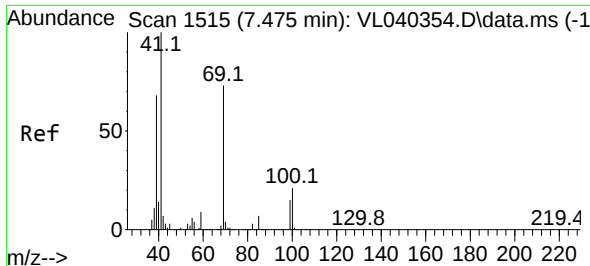
Ion Ratio Lower Upper

83 100

85 61.1 50.9 76.3

127 7.5 6.4 9.6

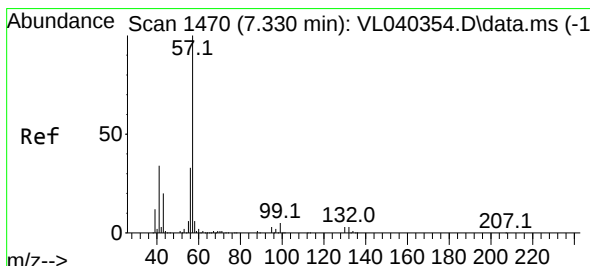
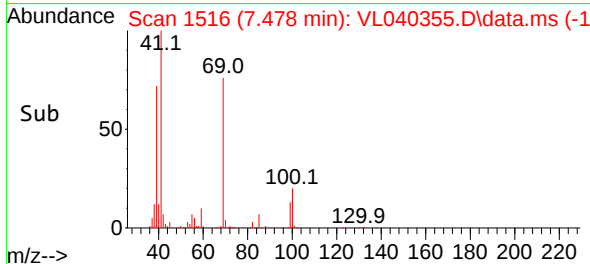
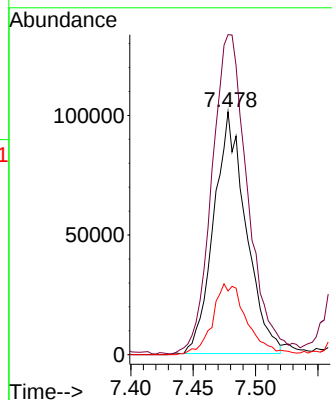
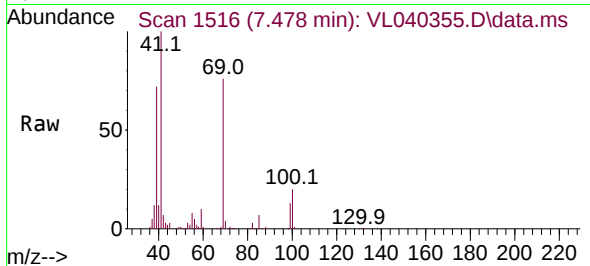




#43
Methyl Methacrylate
Concen: 2.163 ppbv
RT: 7.478 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

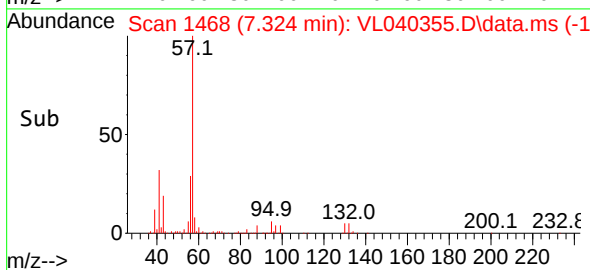
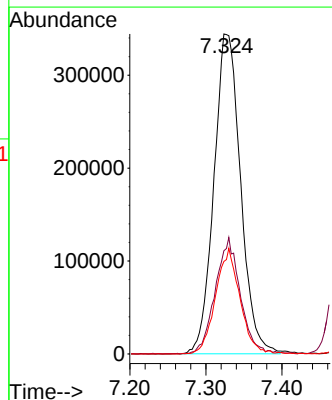
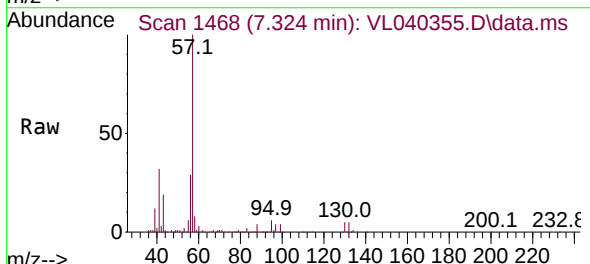
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

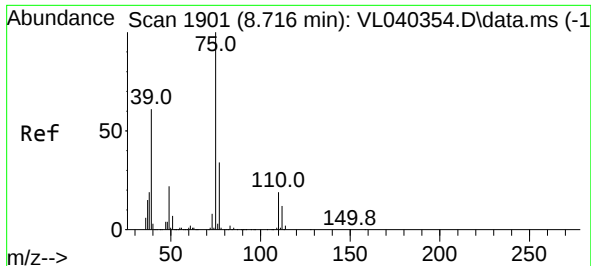
Tgt Ion: 69 Resp: 182214
Ion Ratio Lower Upper
69 100
41 146.6 114.3 171.5
100 31.0 24.5 36.7



#44
2,2,4-Trimethylpentane
Concen: 2.213 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 57 Resp: 838369
Ion Ratio Lower Upper
57 100
41 34.3 26.9 40.3
56 30.4 25.1 37.7

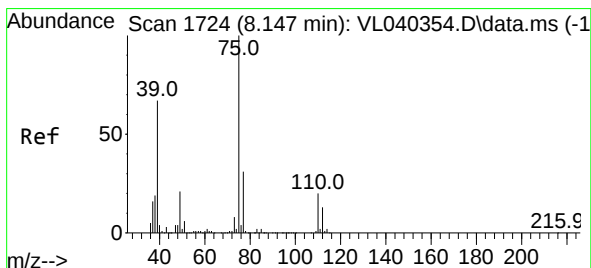
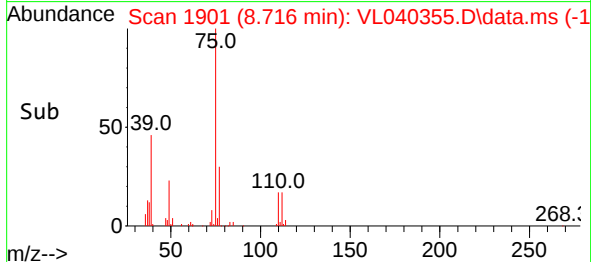
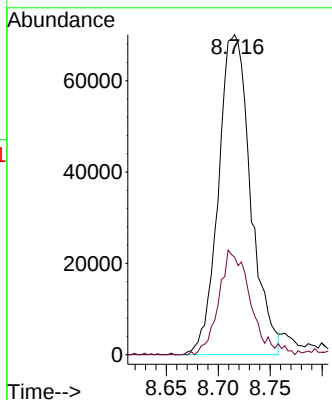
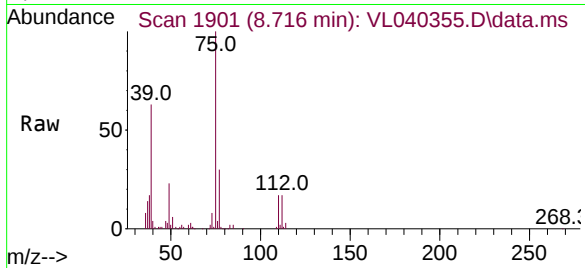




#45
 t-1,3-Dichloropropene
 Concen: 2.008 ppbv
 RT: 8.716 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

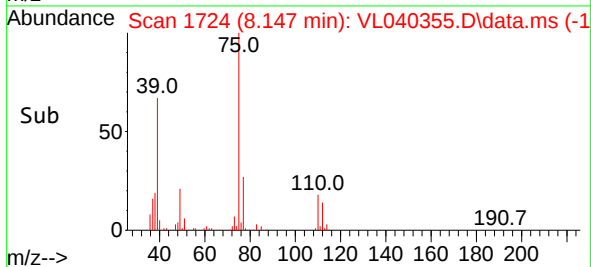
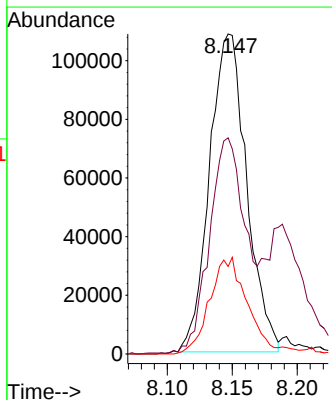
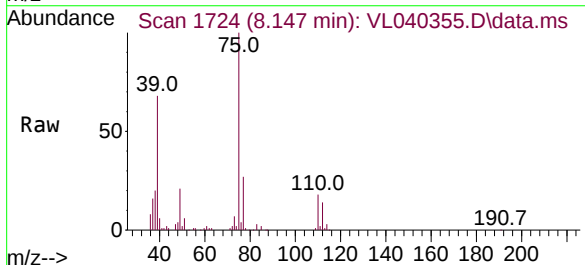
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

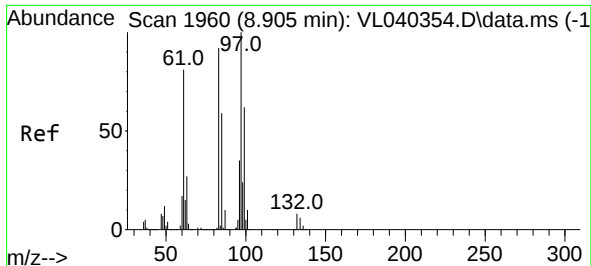
Tgt Ion: 75 Resp: 151111
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.8 40.2



#46
 cis-1,3-Dichloropropene
 Concen: 2.061 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.000 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion: 75 Resp: 215869
 Ion Ratio Lower Upper
 75 100
 39 67.4 53.4 80.2
 77 27.1 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 2.152 ppbv

RT: 8.902 min Scan# 1960

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 210541

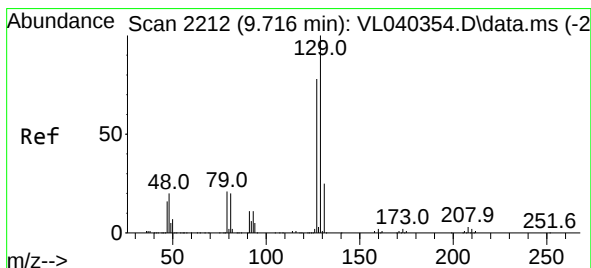
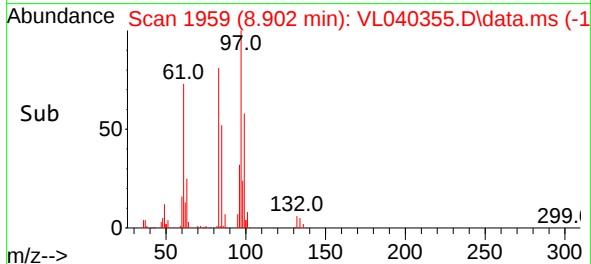
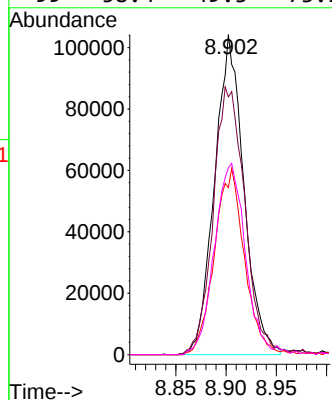
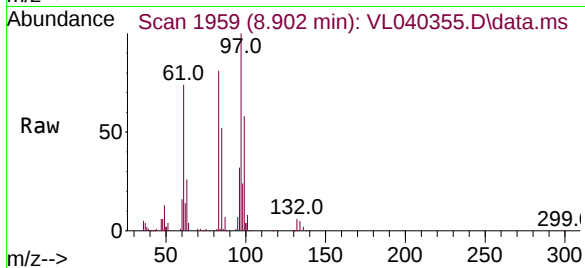
Ion Ratio Lower Upper

97 100

83 80.2 73.3 109.9

85 52.2 46.9 70.3

99 58.4 49.3 73.9



#48

Dibromochloromethane

Concen: 2.124 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VL040355.D

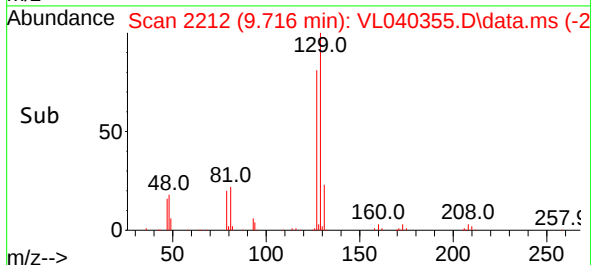
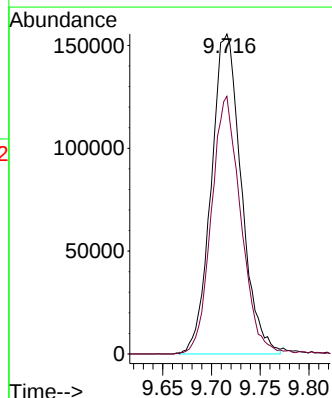
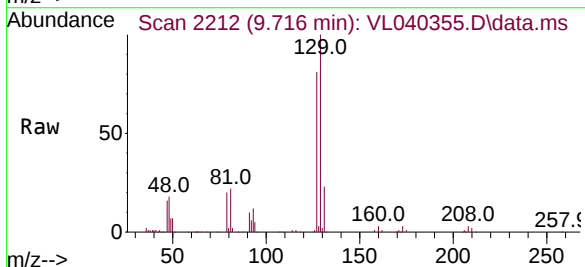
Acq: 13 Apr 2023 10:45

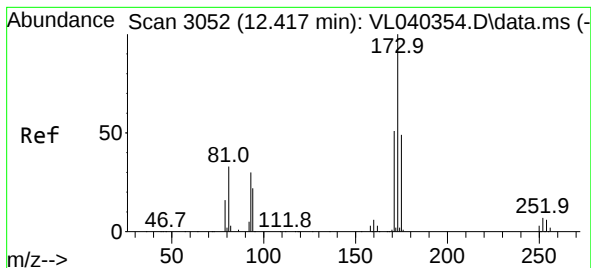
Tgt Ion: 129 Resp: 334708

Ion Ratio Lower Upper

129 100

127 79.2 39.2 117.6





#49

Bromoform

Concen: 2.140 ppbv

RT: 12.410 min Scan# 3052

Delta R.T. -0.006 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002

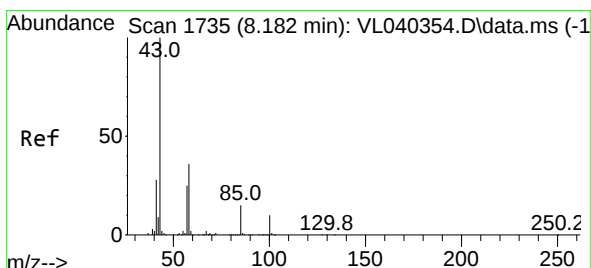
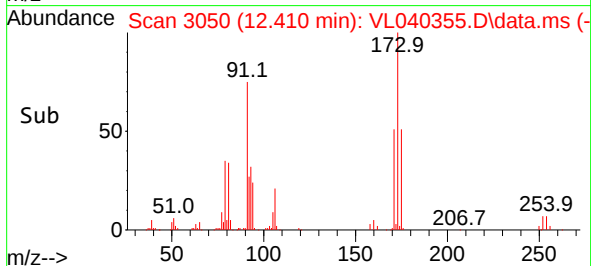
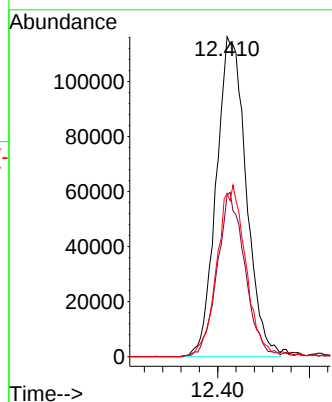
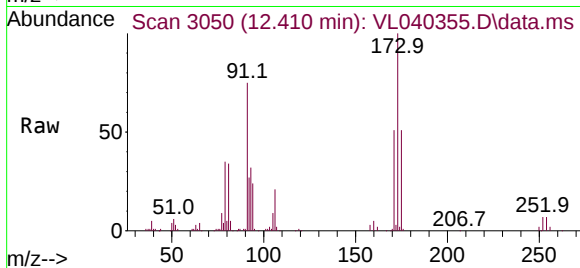
Tgt Ion:173 Resp: 263003

Ion Ratio Lower Upper

173 100

175 47.7 39.8 59.8

171 52.7 42.2 63.2



#50

4-Methyl-2-Pentanone

Concen: 2.242 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.010 min

Lab File: VL040355.D

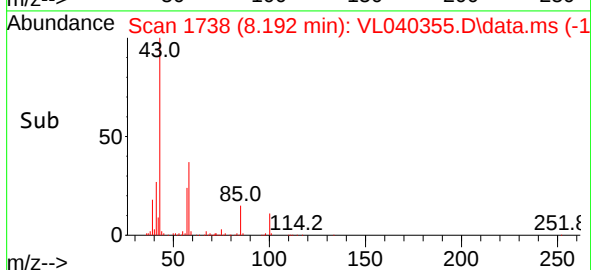
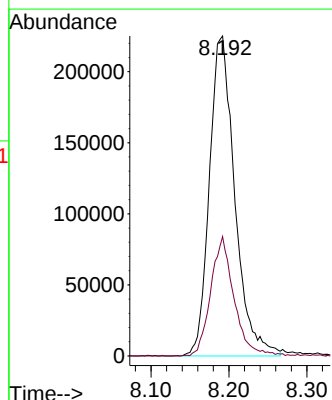
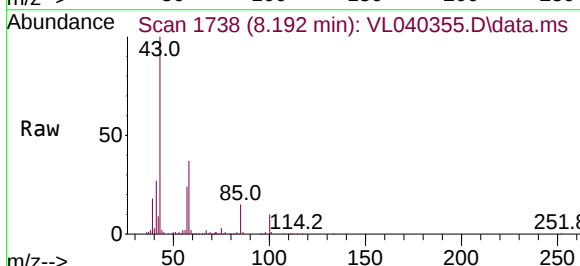
Acq: 13 Apr 2023 10:45

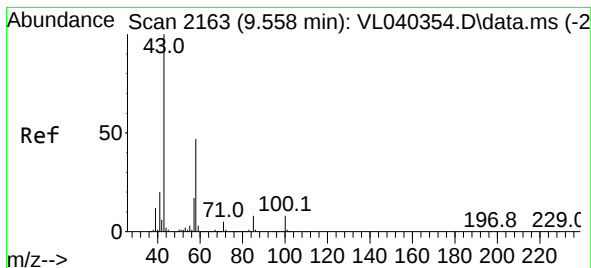
Tgt Ion: 43 Resp: 509576

Ion Ratio Lower Upper

43 100

58 34.6 28.6 43.0

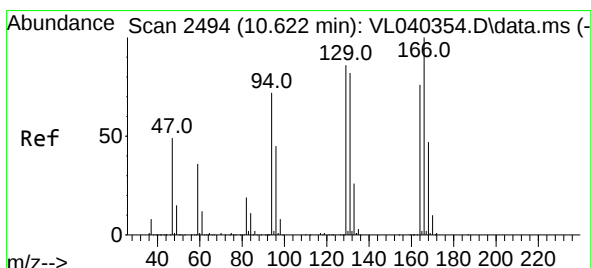
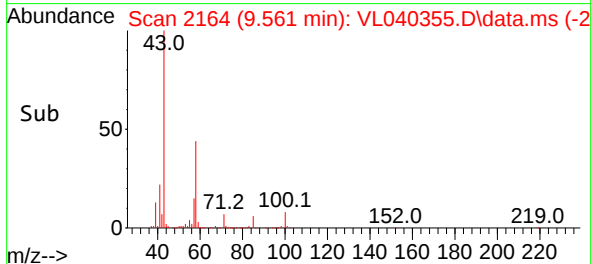
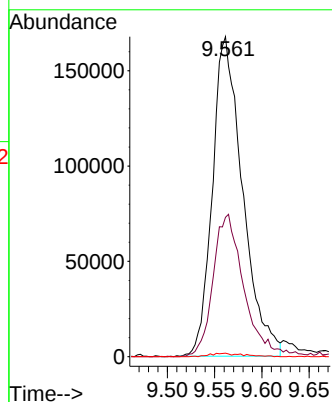
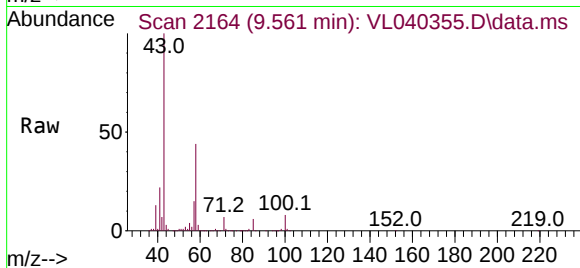




#51
2-Hexanone
Concen: 2.216 ppbv
RT: 9.561 min Scan# 2163
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

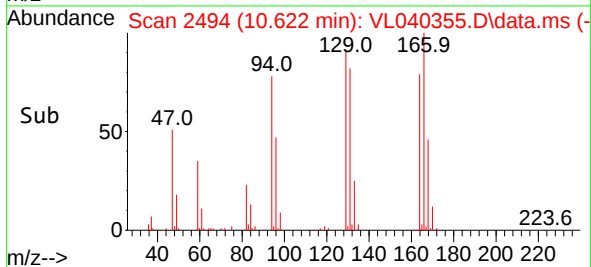
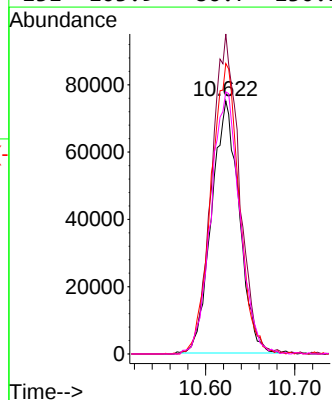
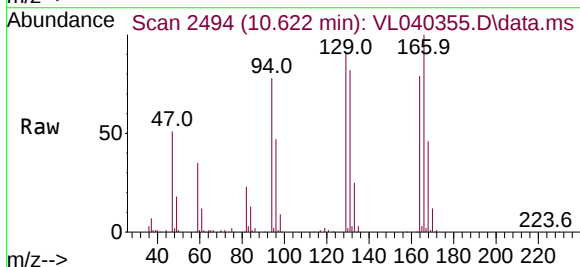
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

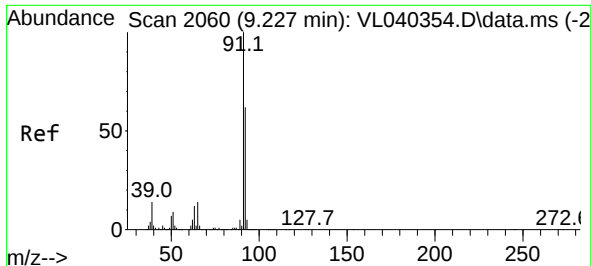
Tgt Ion: 43 Resp: 372240
Ion Ratio Lower Upper
43 100
58 45.8 38.3 57.5
98 1.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 2.271 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:164 Resp: 161098
Ion Ratio Lower Upper
164 100
166 126.4 105.2 157.8
129 115.2 90.3 135.5
131 103.9 86.7 130.1

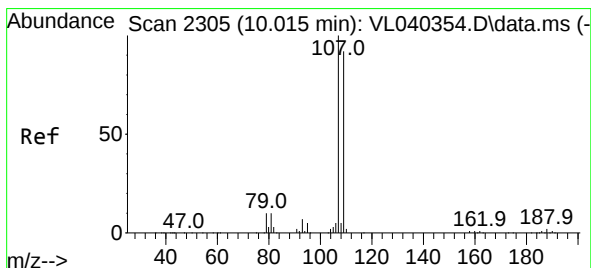
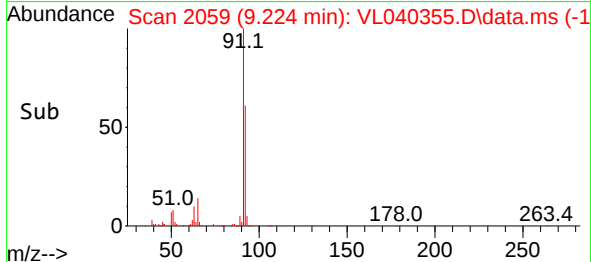
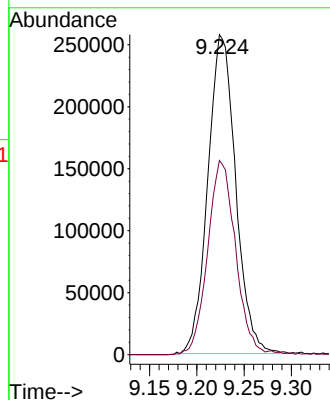
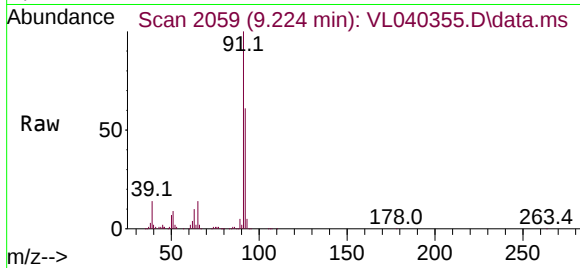




#53
Toluene
Concen: 2.190 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

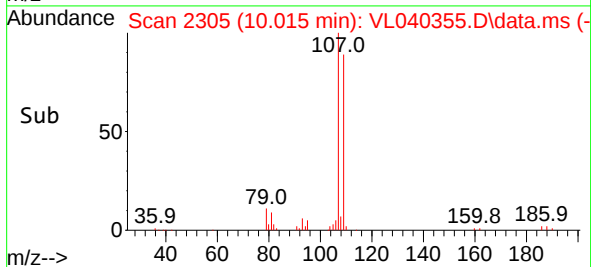
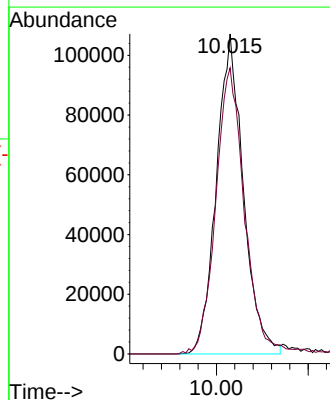
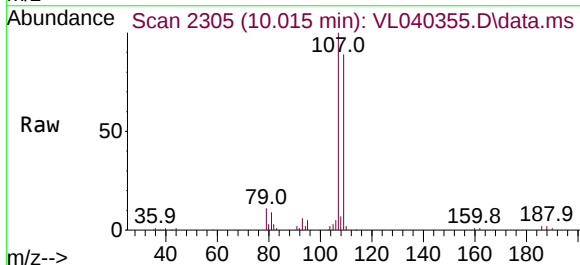
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

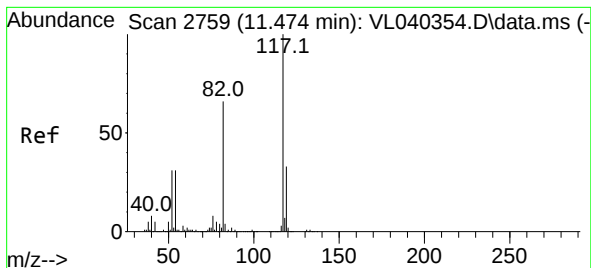
Tgt Ion: 91 Resp: 526518
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3



#54
1,2-Dibromoethane
Concen: 2.203 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 107 Resp: 218591
Ion Ratio Lower Upper
107 100
109 89.2 73.6 110.4

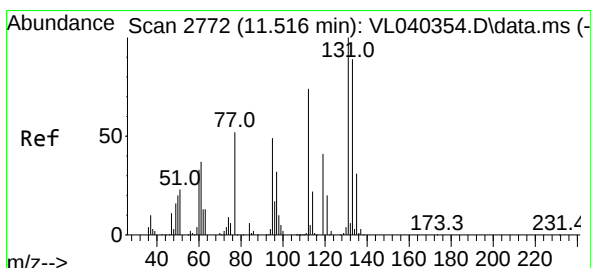
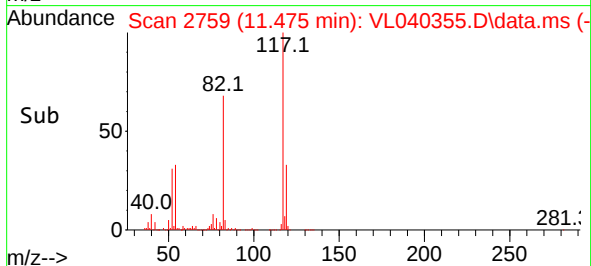
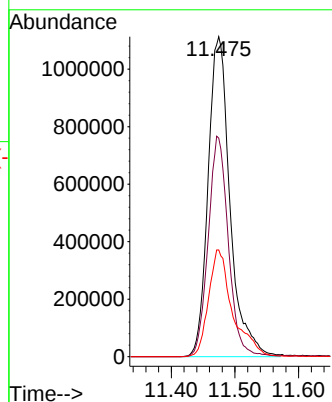
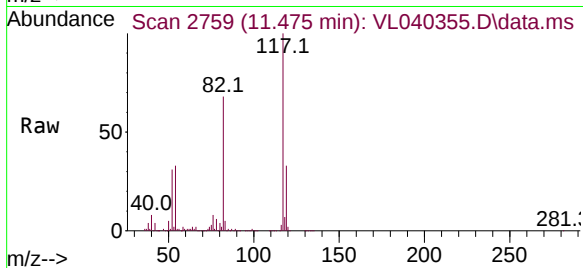




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

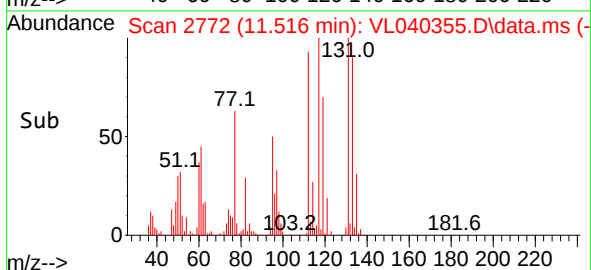
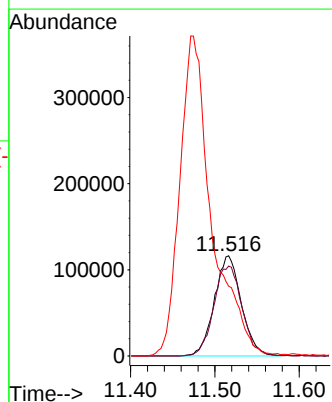
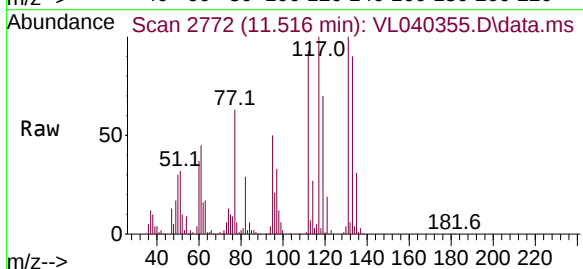
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

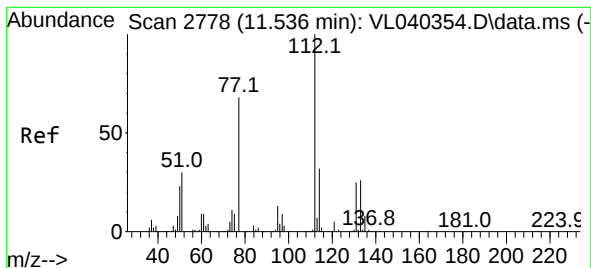
Tgt Ion:117 Resp: 2662947
Ion Ratio Lower Upper
117 100
82 63.7 52.5 78.7
119 36.8 24.3 36.5#



#56
1,1,1,2-Tetrachloroethane
Concen: 2.121 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:131 Resp: 257810
Ion Ratio Lower Upper
131 100
133 94.3 75.3 112.9
119 380.1 53.9 80.9#





#57

Chlorobenzene

Concen: 2.099 ppbv

RT: 11.532 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC002

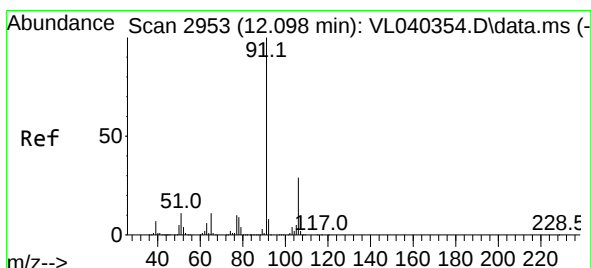
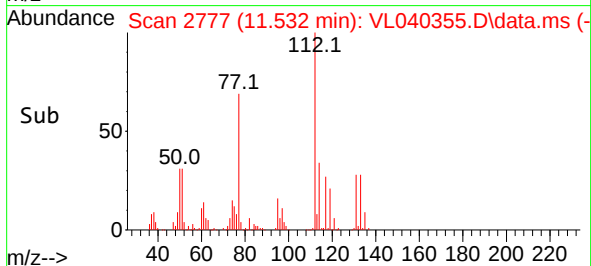
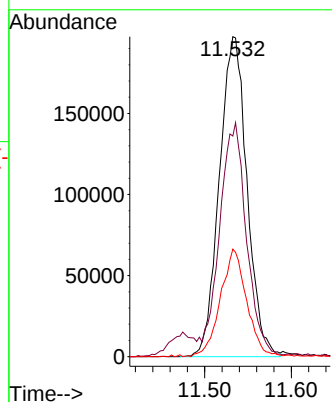
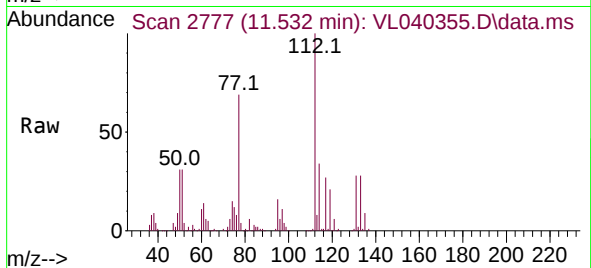
Tgt Ion:112 Resp: 437555

Ion Ratio Lower Upper

112 100

77 68.2 55.8 83.8

114 33.1 29.1 35.5



#58

Ethyl Benzene

Concen: 2.230 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VL040355.D

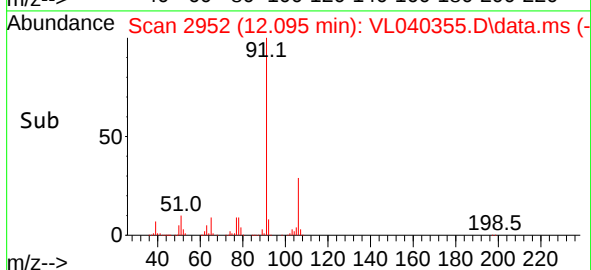
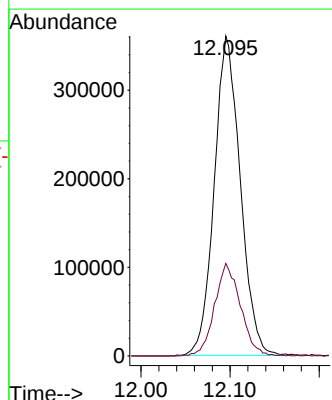
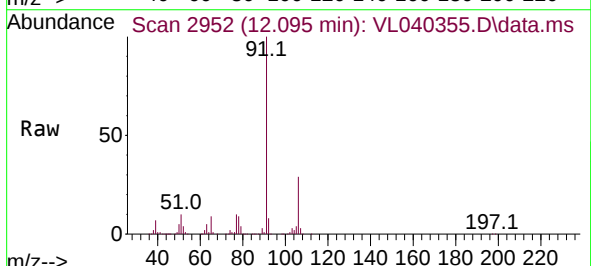
Acq: 13 Apr 2023 10:45

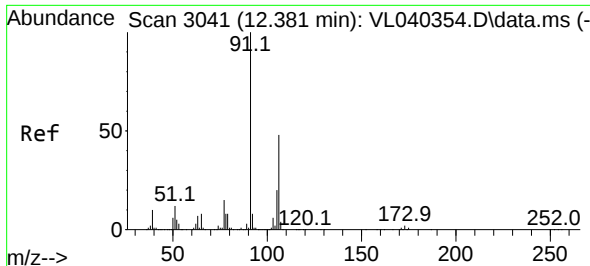
Tgt Ion: 91 Resp: 730624

Ion Ratio Lower Upper

91 100

106 28.9 23.5 35.3





#59

m/p-Xylene

Concen: 2.370 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

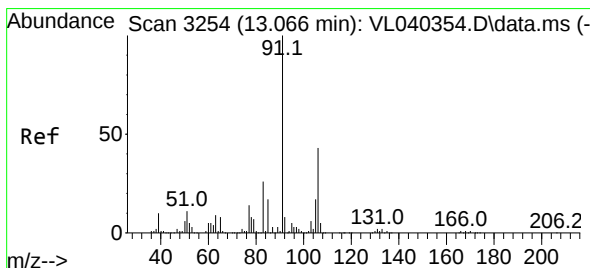
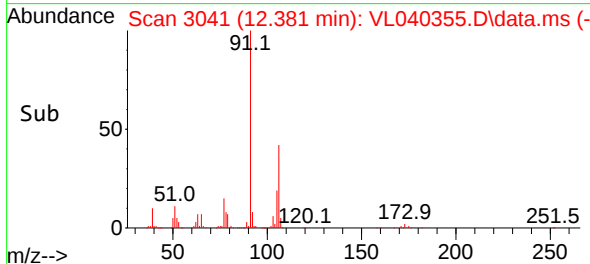
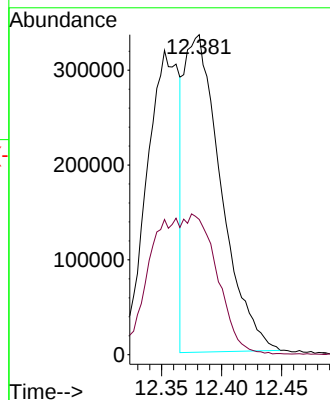
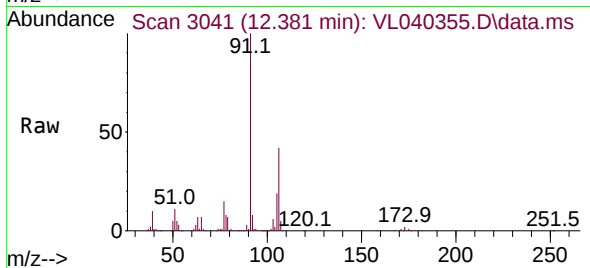
VSTDIC002

Tgt Ion: 91 Resp: 714060

Ion Ratio Lower Upper

91 100

106 79.1 34.7 52.1#



#60

o-Xylene

Concen: 2.202 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.000 min

Lab File: VL040355.D

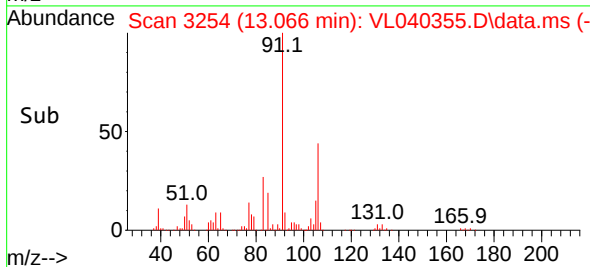
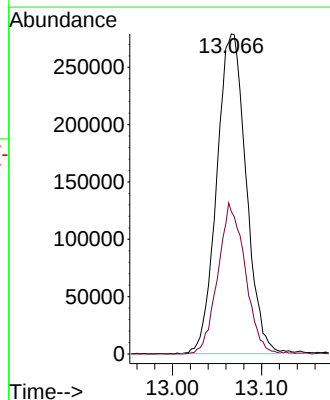
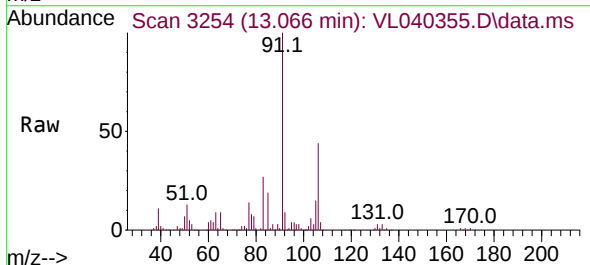
Acq: 13 Apr 2023 10:45

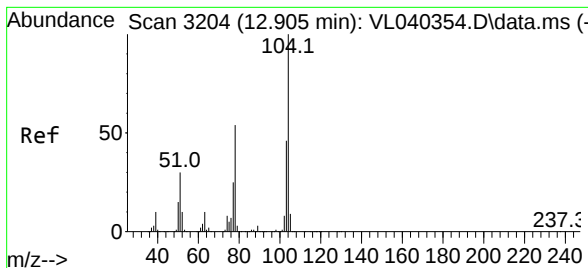
Tgt Ion: 91 Resp: 636519

Ion Ratio Lower Upper

91 100

106 44.2 21.9 65.8





#61

Styrene

Concen: 2.198 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002

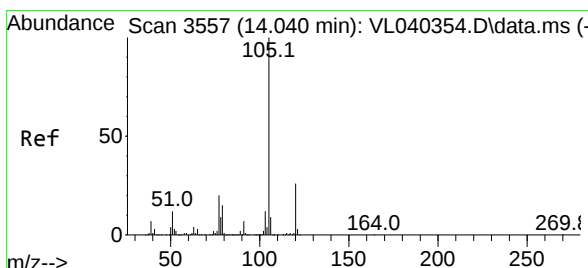
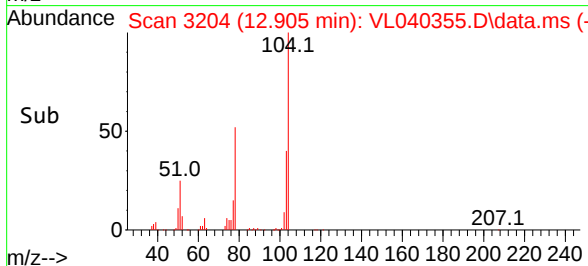
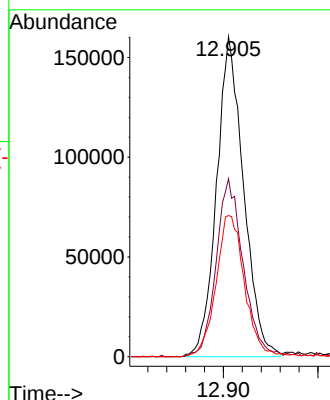
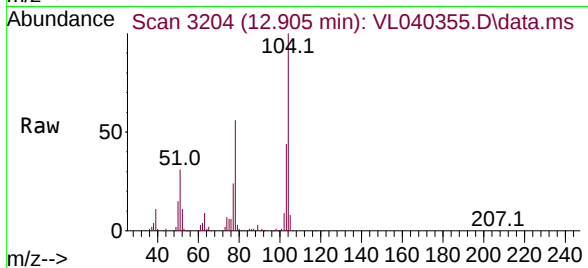
Tgt Ion:104 Resp: 318253

Ion Ratio Lower Upper

104 100

78 56.5 43.4 65.0

103 46.8 37.0 55.4



#62

Isopropylbenzene

Concen: 2.216 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040355.D

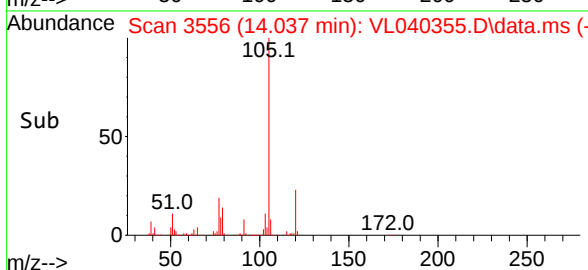
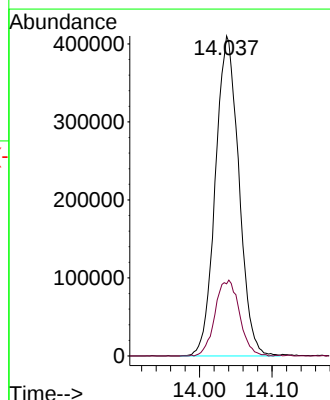
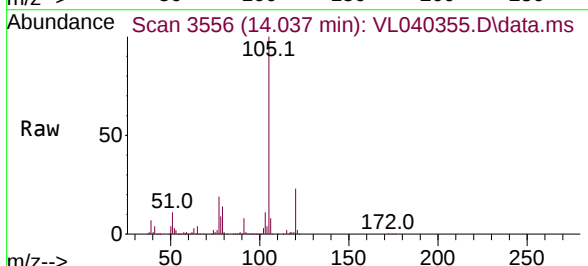
Acq: 13 Apr 2023 10:45

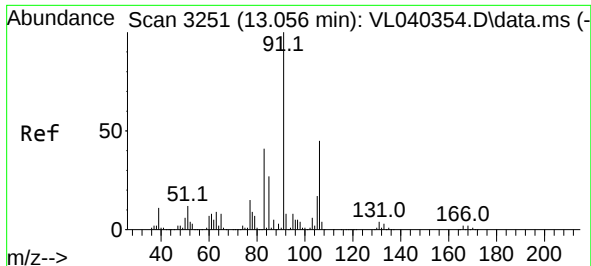
Tgt Ion:105 Resp: 922467

Ion Ratio Lower Upper

105 100

120 24.8 19.9 29.9

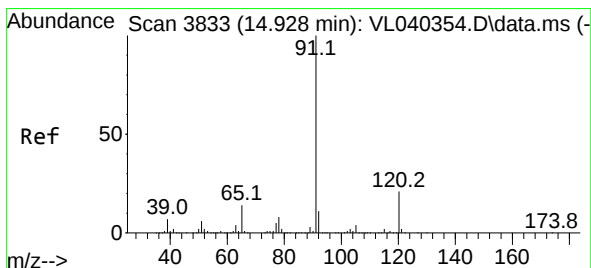
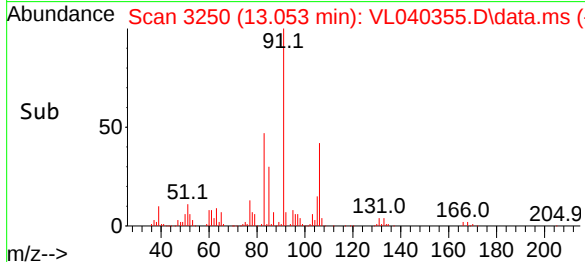
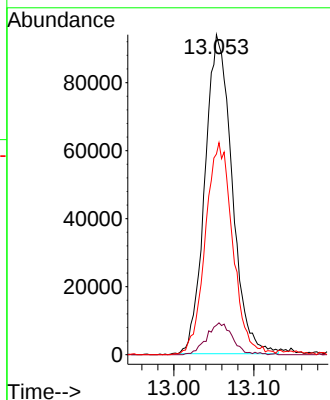
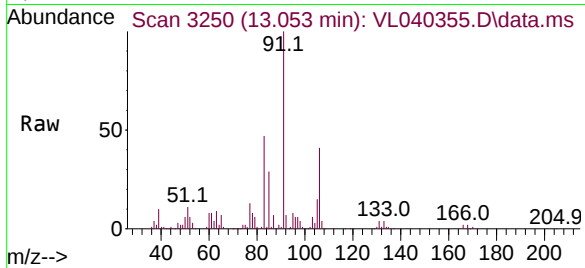




#63
1,1,2,2-Tetrachloroethane
Concen: 2.091 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

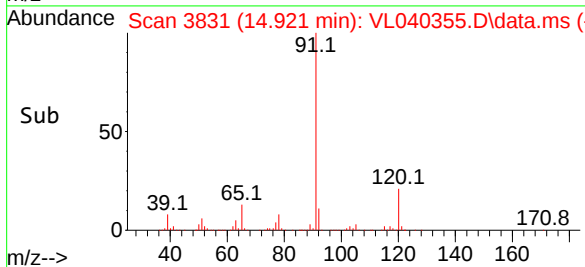
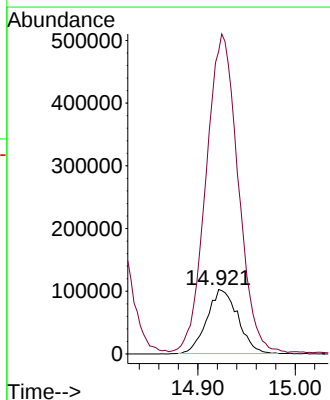
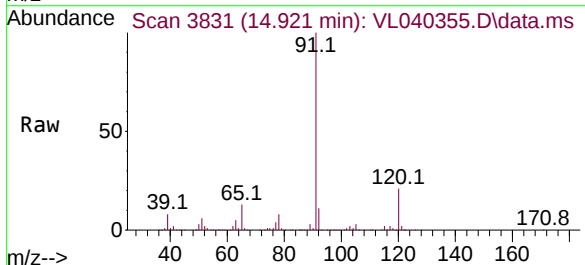
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

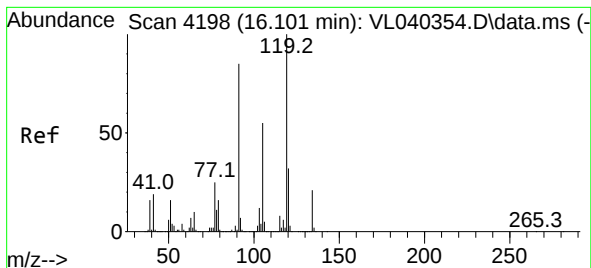
Tgt Ion: 83 Resp: 221274
Ion Ratio Lower Upper
83 100
131 9.6 4.3 13.1
85 67.1 32.9 98.6



#64
n-propylbenzene
Concen: 2.197 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 120 Resp: 225105
Ion Ratio Lower Upper
120 100
91 524.9 397.4 596.0

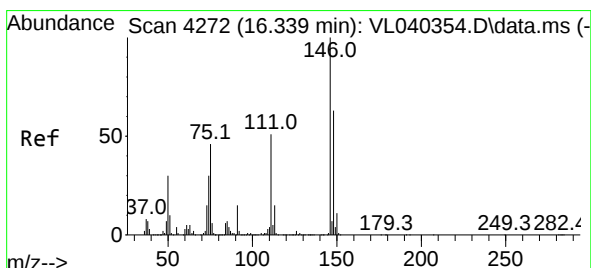
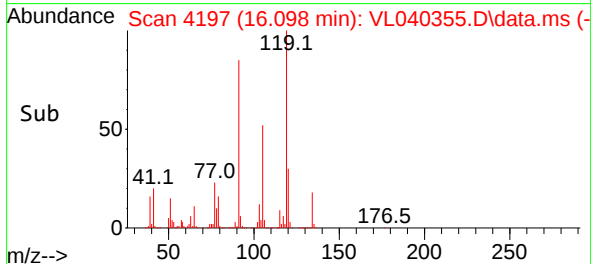
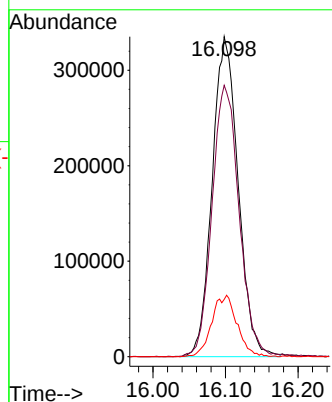
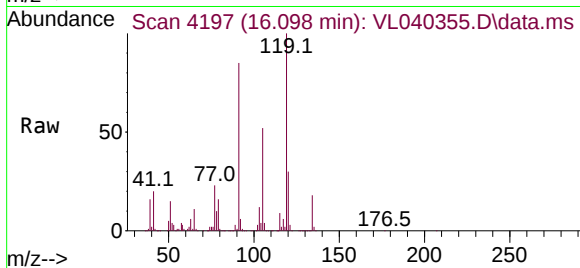




#65
tert-Butylbenzene
Concen: 2.276 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

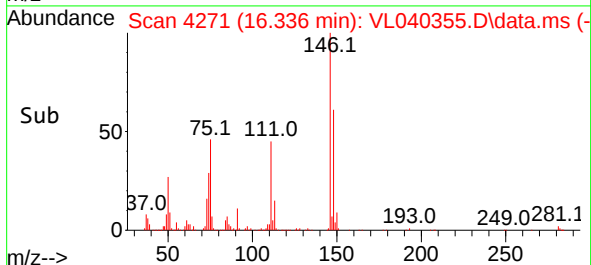
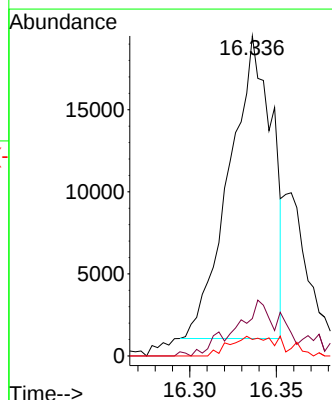
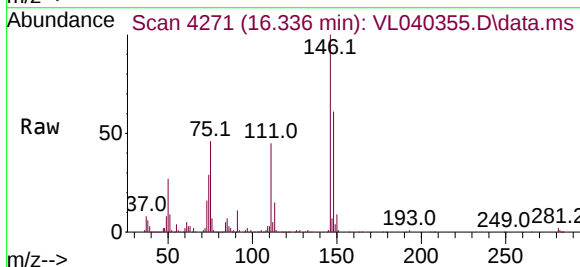
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

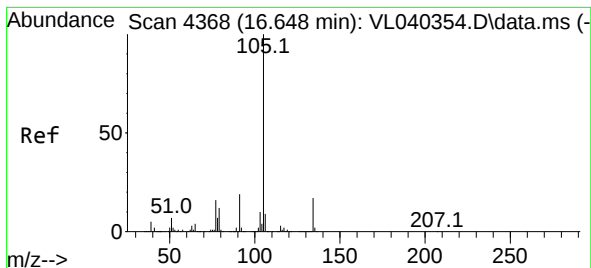
Tgt Ion:119 Resp: 833595
Ion Ratio Lower Upper
119 100
91 88.8 70.1 105.1
134 18.8 15.6 23.4



#66
Benzyl Chloride
Concen: 1.399 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 91 Resp: 31721
Ion Ratio Lower Upper
91 100
126 23.1 12.3 18.5#
128 8.1 4.1 6.1#





#67

sec-Butylbenzene

Concen: 2.278 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

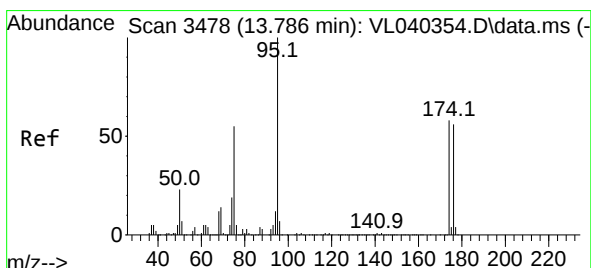
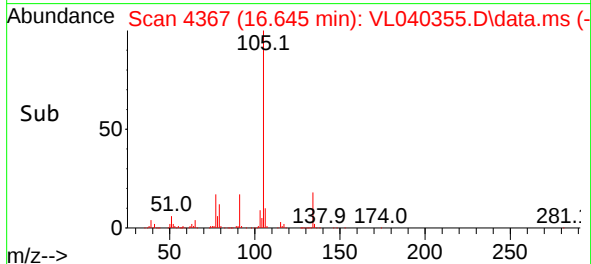
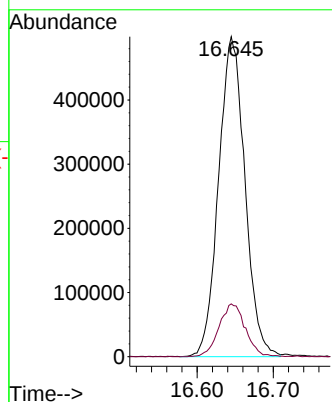
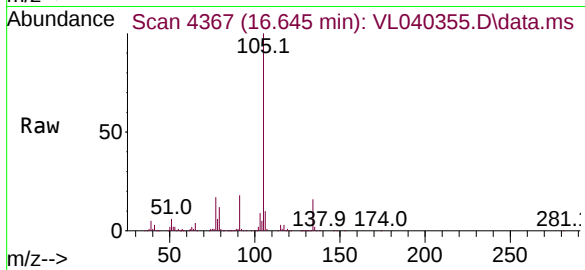
VSTDICC002

Tgt Ion:105 Resp: 1198417

Ion Ratio Lower Upper

105 100

134 16.6 13.8 20.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.658 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

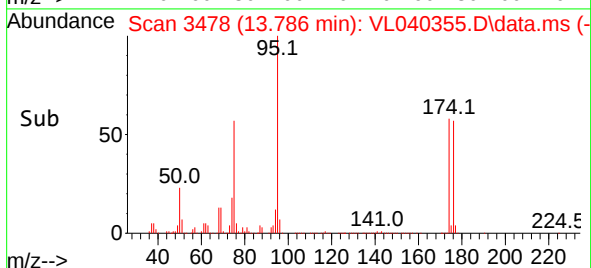
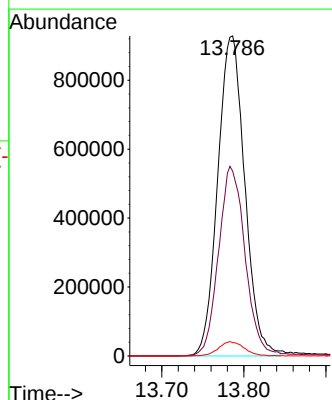
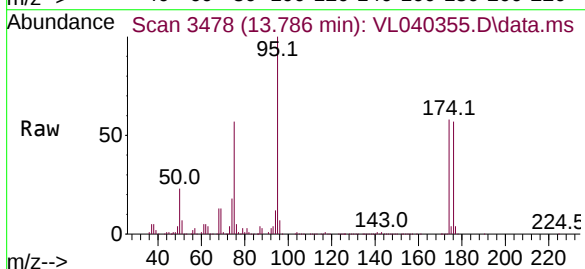
Tgt Ion: 95 Resp: 2126856

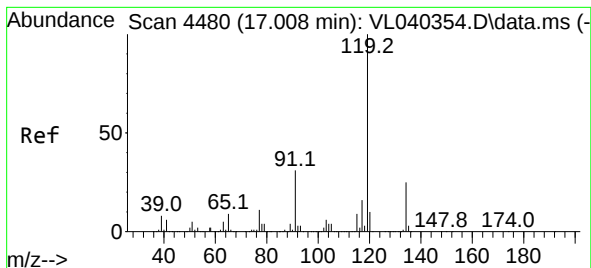
Ion Ratio Lower Upper

95 100

174 58.7 47.2 70.8

175 4.3 3.5 5.3





#69

p-Isopropyltoluene

Concen: 2.302 ppbv

RT: 17.005 min Scan# 4480

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002

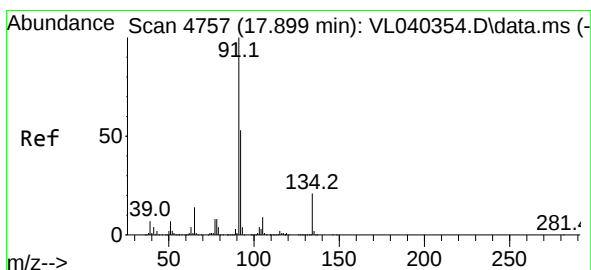
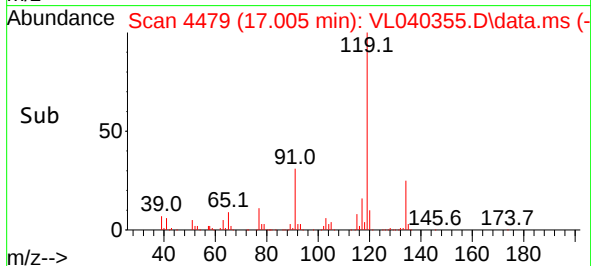
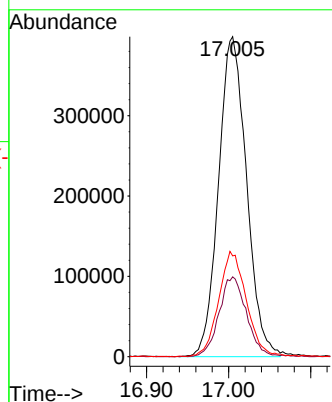
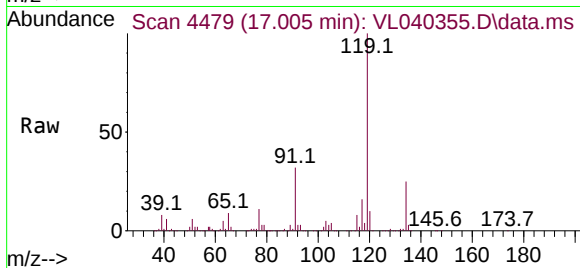
Tgt Ion:119 Resp: 945818

Ion Ratio Lower Upper

119 100

134 24.6 20.2 30.4

91 33.0 25.7 38.5



#70

n-Butylbenzene

Concen: 2.359 ppbv

RT: 17.896 min Scan# 4756

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

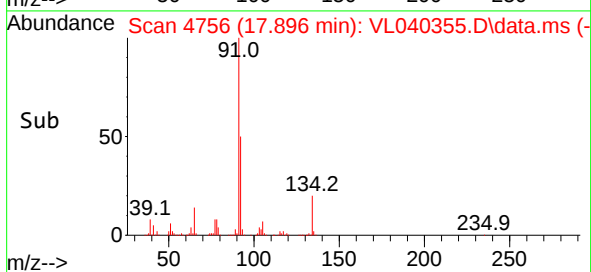
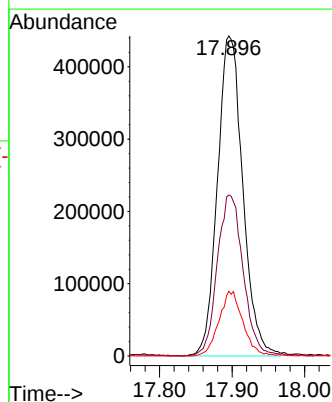
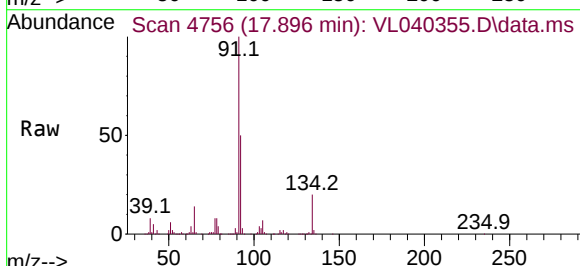
Tgt Ion: 91 Resp: 1074288

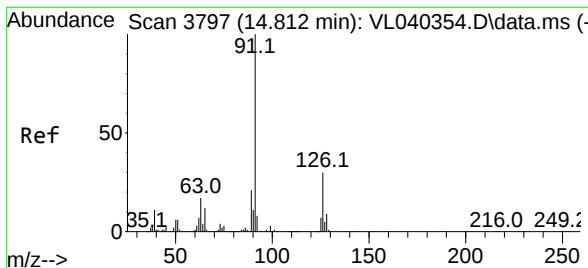
Ion Ratio Lower Upper

91 100

92 51.8 43.0 64.4

134 19.3 16.6 25.0

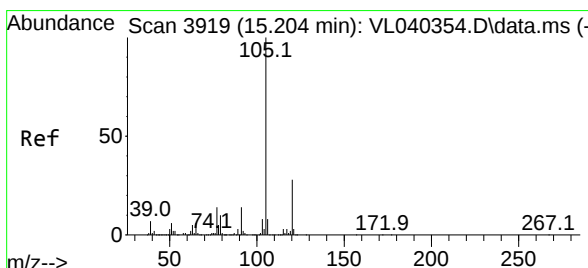
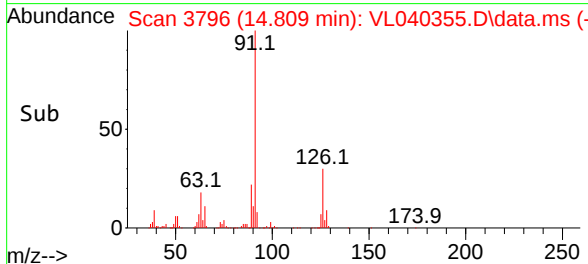
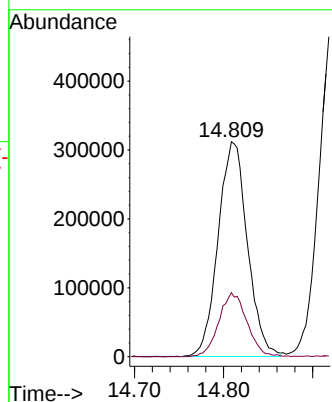
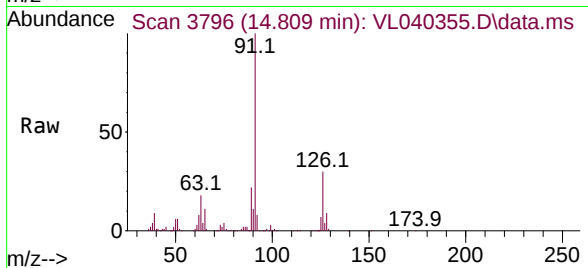




#71
2-Chlorotoluene
Concen: 2.224 ppbv
RT: 14.809 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

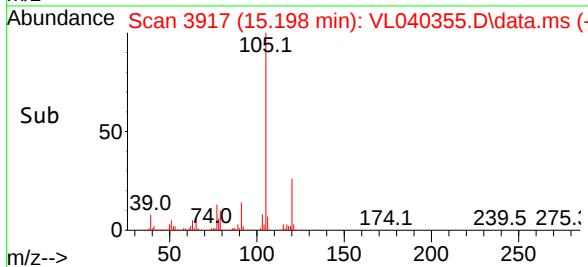
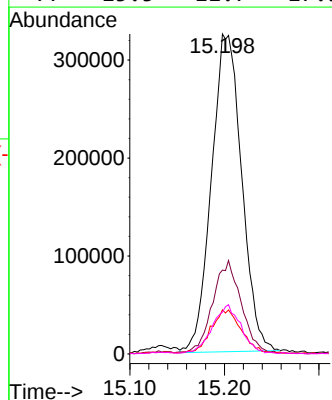
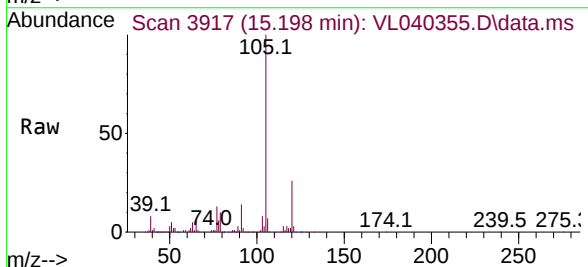
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

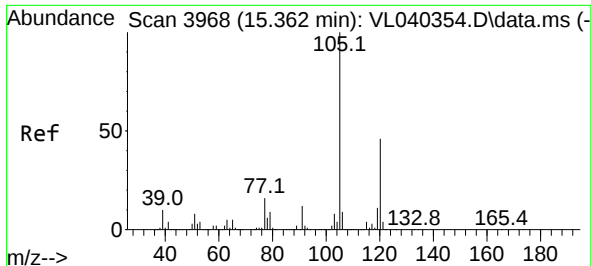
Tgt Ion: 91 Resp: 711070
Ion Ratio Lower Upper
91 100
126 28.7 11.8 47.4



#72
4-Ethyltoluene
Concen: 2.258 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.006 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion: 105 Resp: 720822
Ion Ratio Lower Upper
105 100
120 29.0 23.0 34.6
91 14.0 11.3 16.9
77 15.5 11.7 17.5

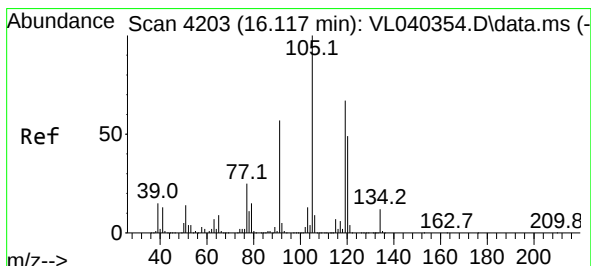
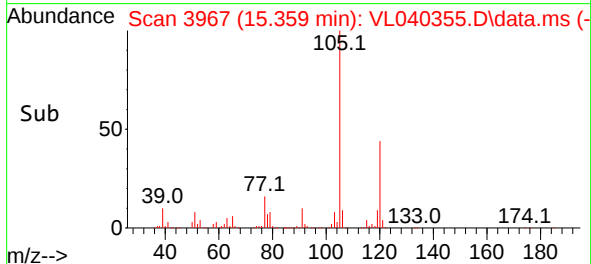
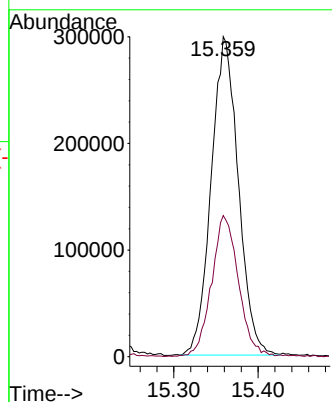
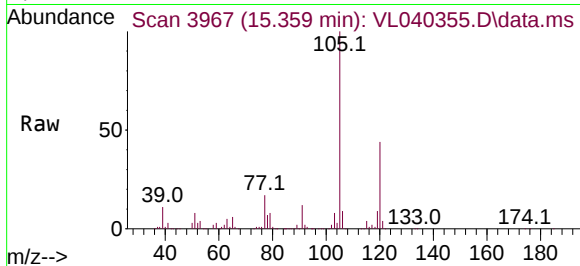




#73
 1,3,5-Trimethylbenzene
 Concen: 2.262 ppbv
 RT: 15.359 min Scan# 3968
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

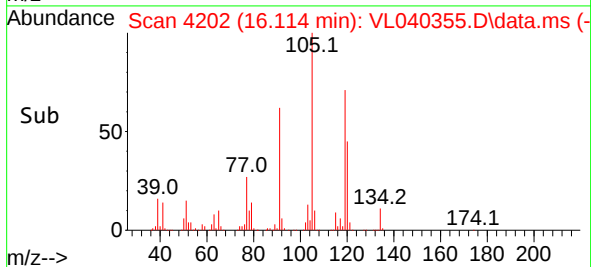
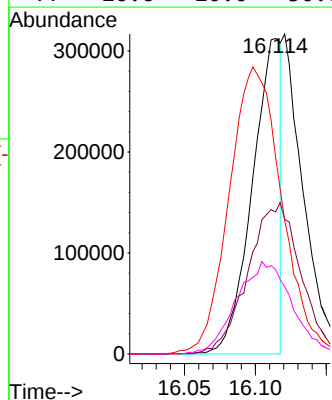
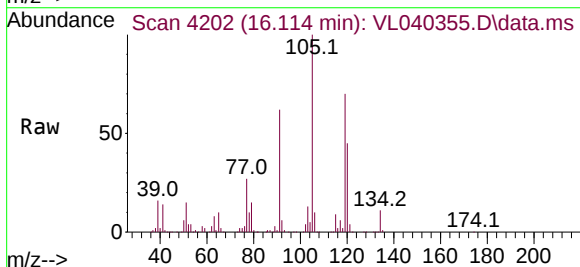
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC002

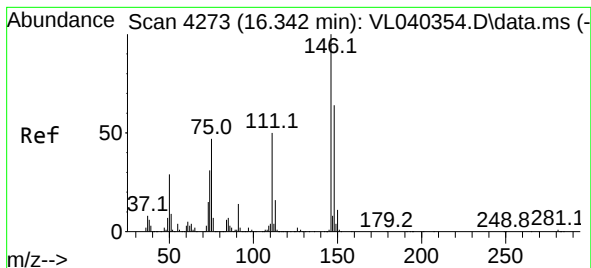
Tgt Ion:105 Resp: 667005
 Ion Ratio Lower Upper
 105 100
 120 43.9 36.9 55.3



#74
 1,2,4-Trimethylbenzene
 Concen: 1.299 ppbv
 RT: 16.114 min Scan# 4202
 Delta R.T. -0.003 min
 Lab File: VL040355.D
 Acq: 13 Apr 2023 10:45

Tgt Ion:105 Resp: 437858
 Ion Ratio Lower Upper
 105 100
 120 45.0 38.9 58.3
 91 61.4 46.0 69.0
 77 26.6 20.0 30.0





#75

1,3-Dichlorobenzene

Concen: 2.185 ppbv

RT: 16.343 min Scan# 4316

Delta R.T. 0.000 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC002

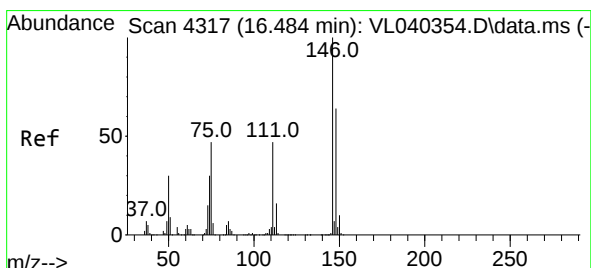
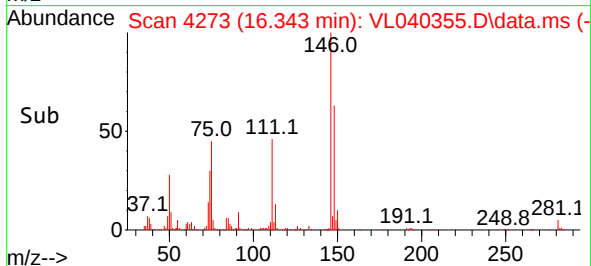
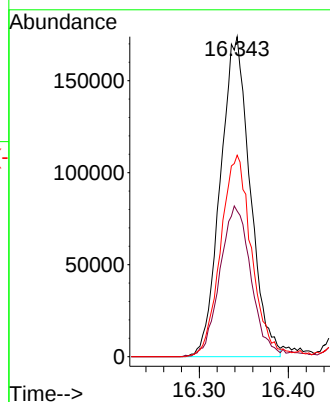
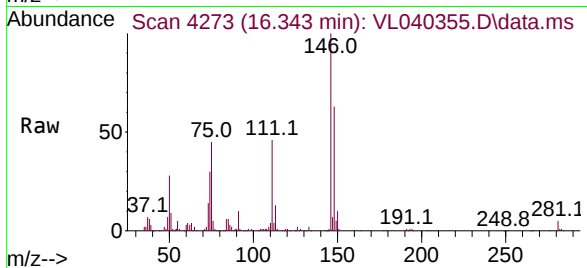
Tgt Ion:146 Resp: 403300

Ion Ratio Lower Upper

146 100

111 50.2 24.6 74.0

148 66.2 32.1 96.3



#76

1,4-Dichlorobenzene

Concen: 2.195 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.003 min

Lab File: VL040355.D

Acq: 13 Apr 2023 10:45

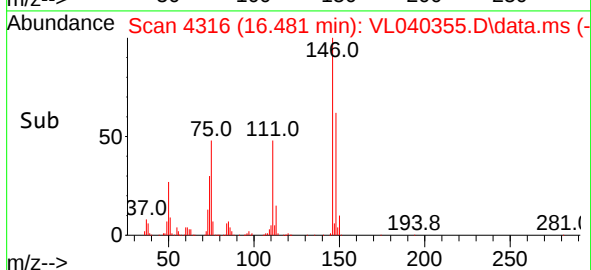
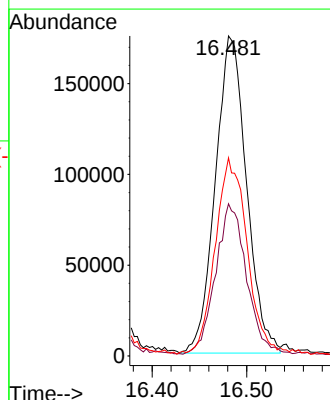
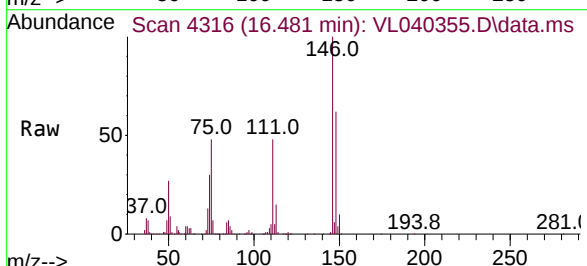
Tgt Ion:146 Resp: 400316

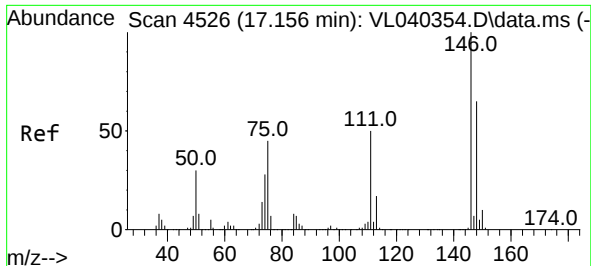
Ion Ratio Lower Upper

146 100

111 50.3 23.8 71.4

148 65.6 32.4 97.2

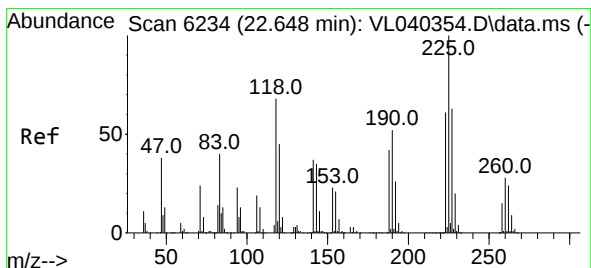
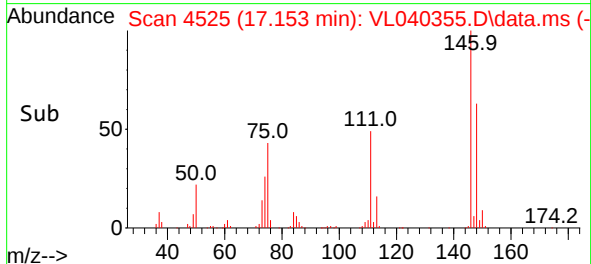
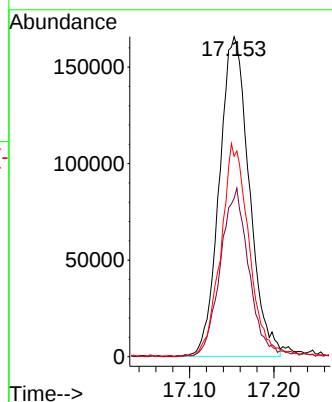
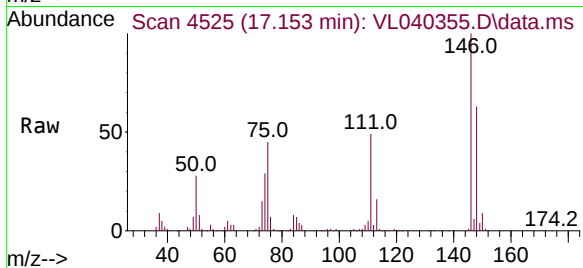




#77
1,2-Dichlorobenzene
Concen: 2.230 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

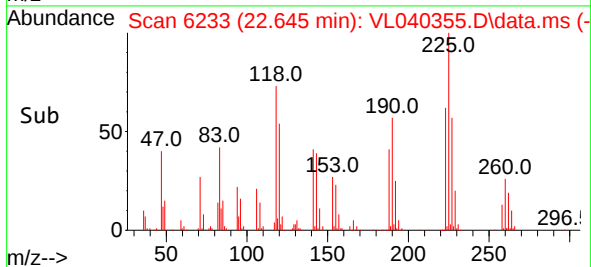
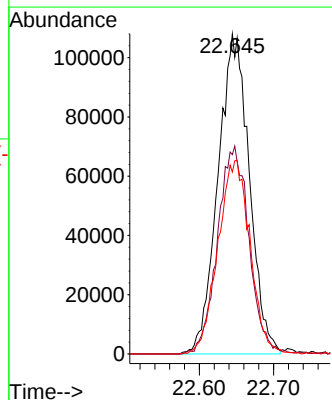
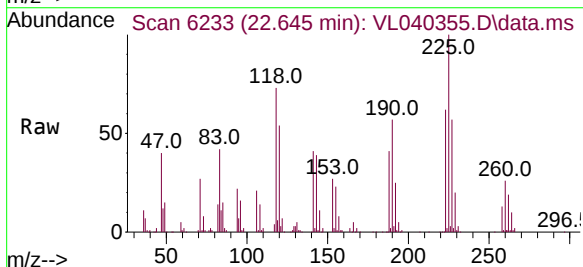
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC002

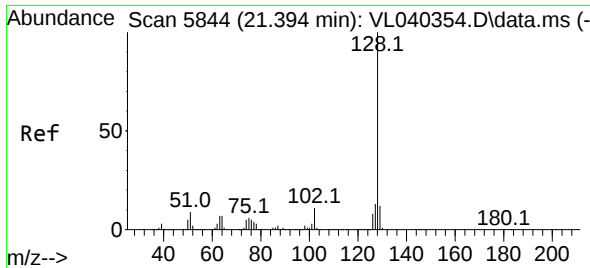
Tgt Ion:146 Resp: 407077
Ion Ratio Lower Upper
146 100
111 51.5 25.4 76.0
148 64.0 32.0 96.2



#78
Hexachloro-1,3-Butadiene
Concen: 2.164 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:225 Resp: 316609
Ion Ratio Lower Upper
225 100
223 65.1 50.7 76.1
227 62.2 51.0 76.4

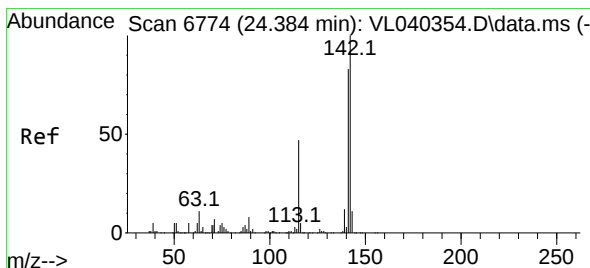
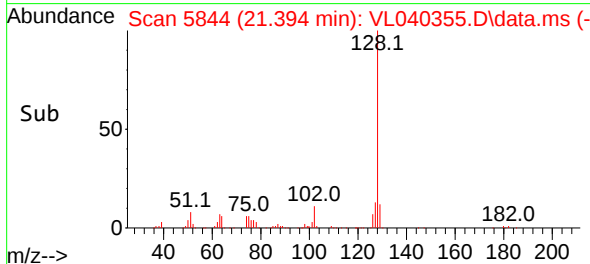
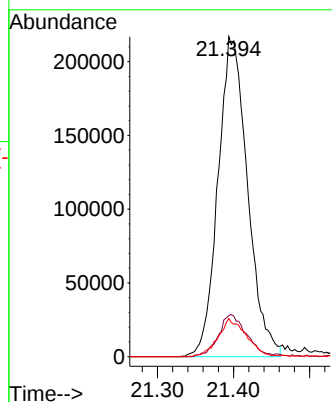
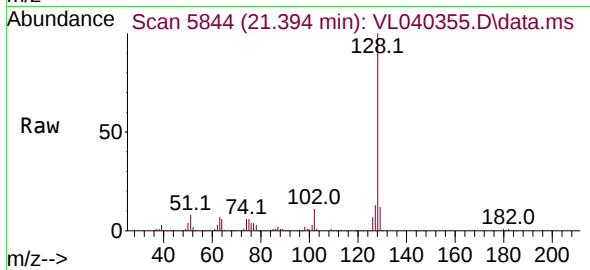




#79
Naphthalene
Concen: 2.574 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.000 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

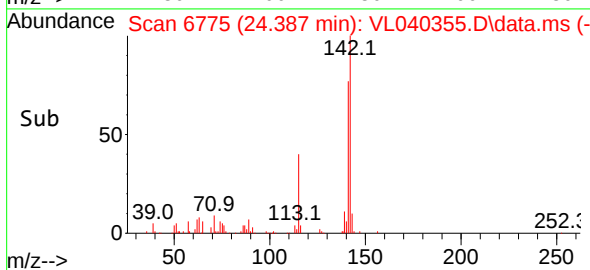
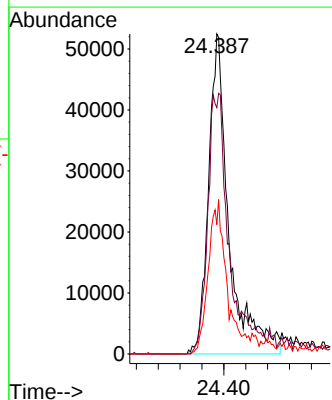
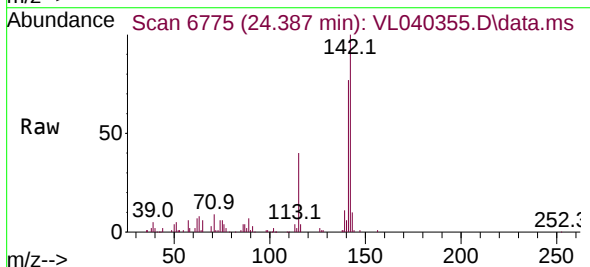
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC002

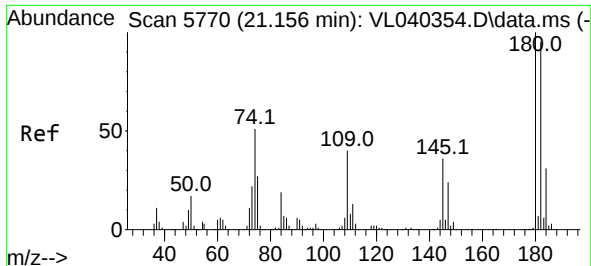
Tgt Ion:128 Resp: 585397
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.9 9.4 14.0



#80
Naphthalene,2-methyl-
Concen: 2.016 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.003 min
Lab File: VL040355.D
Acq: 13 Apr 2023 10:45

Tgt Ion:142 Resp: 136526
Ion Ratio Lower Upper
142 100
141 90.8 65.1 97.7
115 46.2 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 1.057 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040355.D

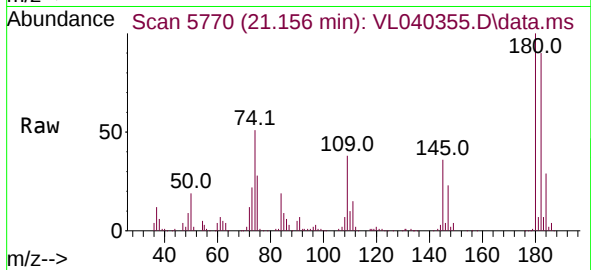
Acq: 13 Apr 2023 10:45

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 147780

Ion Ratio Lower Upper

180 100

182 208.2 77.7 116.5#

184 65.3 24.2 36.2#

