

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040644.D
 Acq On : 5 Sep 2023 12:04
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 06 02:05:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	949012	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2481557	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2375217	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1999345	10.584	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1498610	7.331	ppbv	98
3) Chlorodifluoromethane	2.665	51	1451772	9.317	ppbv	96
4) Chloromethane	2.800	50	550437	9.057	ppbv	99
5) Vinyl Chloride	2.909	62	611173	9.471	ppbv	99
6) Bromomethane	3.108	94	310200	9.169	ppbv	98
7) Chloroethane	3.185	64	235089	9.987	ppbv	92
8) Dichlorotetrafluoroethane	2.845	85	1633217	9.872	ppbv	100
9) Propene	2.681	41	422043	8.741	ppbv	99
10) Heptane	7.578	43	1091002	9.813	ppbv	99
11) Trichlorofluoromethane	3.552	101	1731853	10.495	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1247452	10.184	ppbv	98
13) Ethanol	3.227	45	97675	7.249	ppbv	90
14) Bromoethene	3.356	108	511049	10.275	ppbv	98
15) Acetone	3.459	43	1099117	9.469	ppbv	100
16) 1,3-Butadiene	2.973	39	550772	9.541	ppbv	99
17) tert-Butyl alcohol	3.867	59	1274313	10.351	ppbv	100
18) 1,1-Dichloroethene	3.874	96	566566	10.207	ppbv	95
19) Isopropyl Alcohol	3.565	45	759006	10.312	ppbv #	97
20) Methylene Chloride	3.925	84	480513	8.471	ppbv	96
21) Allyl Chloride	3.989	41	729900	9.507	ppbv	96
22) trans-1,2-Dichloroethene	4.436	96	554182	10.170	ppbv	99
23) Vinyl Acetate	4.619	43	1265452	9.567	ppbv	99
24) 1,1-Dichloroethane	4.555	63	1138898	10.069	ppbv	99
25) Ethyl Acetate	5.198	43	2001354	9.181	ppbv	100
26) Hexane	5.205	57	878236	8.326	ppbv	97
27) Carbon Disulfide	4.115	76	1393531	11.098	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	791582	9.708	ppbv	100
29) Chloroform	5.269	83	1576508	9.443	ppbv	99
30) Cyclohexane	6.600	84	740366	9.174	ppbv	98
31) cis-1,2-Dichloroethene	5.073	61	894189	9.394	ppbv	97
32) 1,1,1-Trichloroethane	6.002	97	1637387	10.242	ppbv	99
34) 2-Butanone	4.780	43	1217009	9.725	ppbv	98
35) Carbon Tetrachloride	6.491	117	1691134	10.891	ppbv	97
36) Benzene	6.369	78	1843176	9.336	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1205795	10.127	ppbv	97
38) Trichloroethene	7.291	130	788671	10.317	ppbv	96
39) 1,2-Dichloropropane	7.073	63	694868	9.252	ppbv	97
40) 1,4-Dioxane	7.285	88	293154	10.302	ppbv #	1
41) Tetrahydrofuran	5.552	42	656193	9.277	ppbv	99
42) Bromodichloromethane	7.250	83	1733104	10.457	ppbv	97
43) Methyl Methacrylate	7.471	69	772880	10.456	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	3085432	9.669	ppbv	98
45) t-1,3-Dichloropropene	8.709	75	705234	11.947	ppbv	98

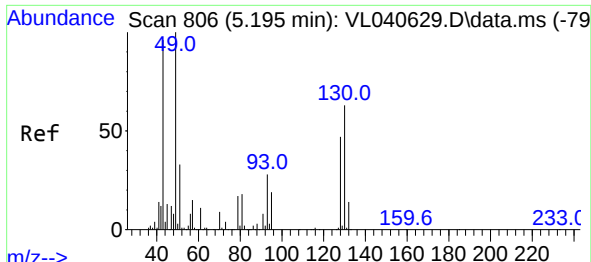
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040644.D
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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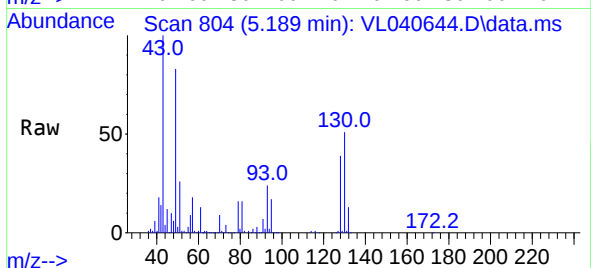
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	821355	11.406	ppbv	96
47) 1,1,2-Trichloroethane	8.902	97	808325	9.527	ppbv	96
48) Dibromochloromethane	9.713	129	1449690	10.918	ppbv	100
49) Bromoform	12.410	173	1228544	11.548	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	1848516	10.111	ppbv	99
51) 2-Hexanone	9.552	43	1389319	10.785	ppbv #	97
52) Tetrachloroethene	10.616	164	658217	10.646	ppbv	97
53) Toluene	9.224	91	2156920	10.281	ppbv	99
54) 1,2-Dibromoethane	10.012	107	1172639	10.855	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.513	131	1087106	9.892	ppbv	97
57) Chlorobenzene	11.529	112	1758711	9.594	ppbv	99
58) Ethyl Benzene	12.092	91	3004453	10.490	ppbv	100
59) m/p-Xylene	12.375	91	3311015	12.673	ppbv #	59
60) o-Xylene	13.060	91	2592846	10.470	ppbv	99
61) Styrene	12.899	104	1253980	11.557	ppbv	98
62) Isopropylbenzene	14.034	105	3781237	10.089	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	1843919	9.942	ppbv	99
64) n-propylbenzene	14.921	120	971273	10.254	ppbv	100
65) tert-Butylbenzene	16.095	119	3368417	10.370	ppbv	98
66) Benzyl Chloride	16.333	91	439560	10.761	ppbv	99
67) sec-Butylbenzene	16.638	105	4800031	10.129	ppbv	100
69) p-Isopropyltoluene	16.995	119	3876942	10.455	ppbv	99
70) n-Butylbenzene	17.889	91	4234116	10.459	ppbv	100
71) 2-Chlorotoluene	14.802	91	2923347	10.513	ppbv	99
72) 4-Ethyltoluene	15.198	105	3002434	10.740	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2612608	10.455	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2988367	10.240	ppbv	93
75) 1,3-Dichlorobenzene	16.333	146	1706126	10.111	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1664721	10.092	ppbv	98
77) 1,2-Dichlorobenzene	17.146	146	1649988	9.938	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1165409	9.252	ppbv	100
79) Naphthalene	21.387	128	2500006	12.971	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	888137	16.013	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	1395048	10.997	ppbv	100

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

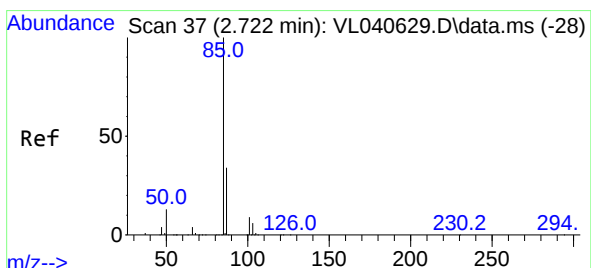
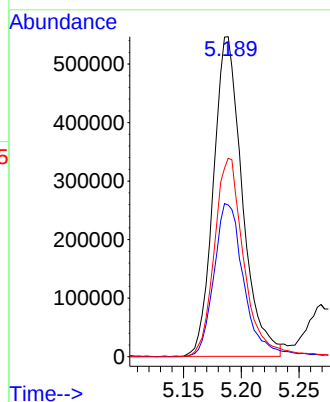
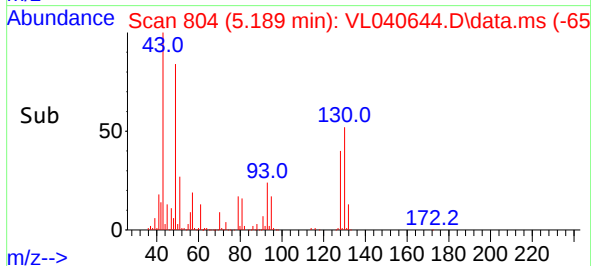


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

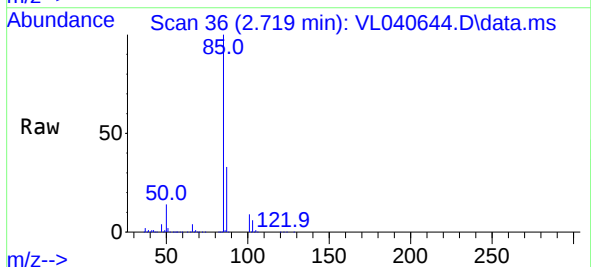
Instrument :
MSVOA_L
ClientSampleId :



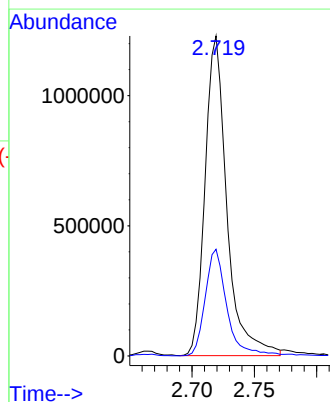
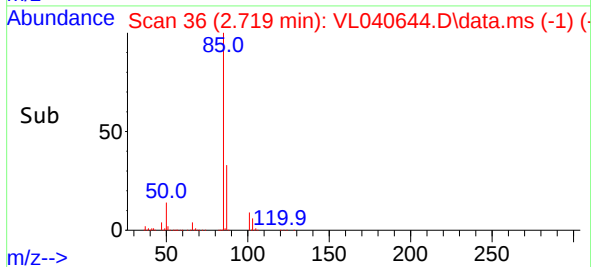
Tgt Ion: 49 Resp: 949012
Ion Ratio Lower Upper
49 100
128 50.6 24.9 74.7
130 64.8 32.2 96.6

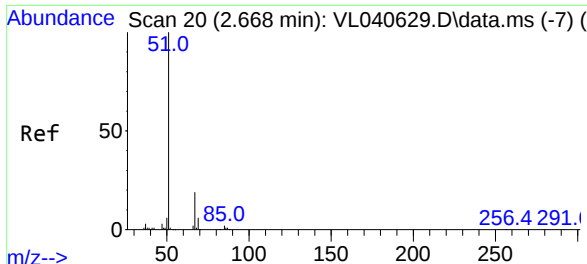


#2
Dichlorodifluoromethane
Concen: 7.331 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04



Tgt Ion: 85 Resp: 1498610
Ion Ratio Lower Upper
85 100
87 33.4 27.5 41.3





#3

Chlorodifluoromethane

Concen: 9.317 ppbv

RT: 2.665 min Scan# 19

Delta R.T. -0.003 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

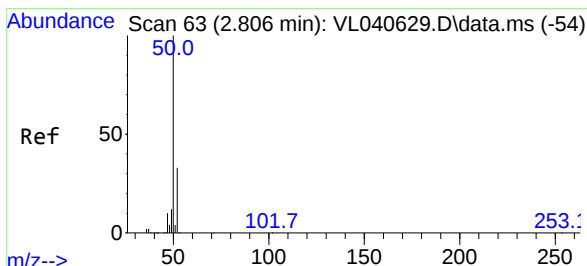
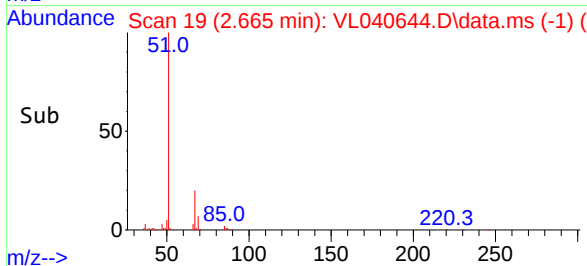
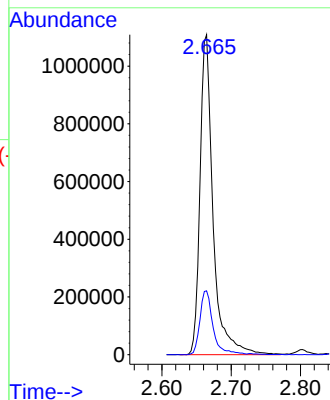
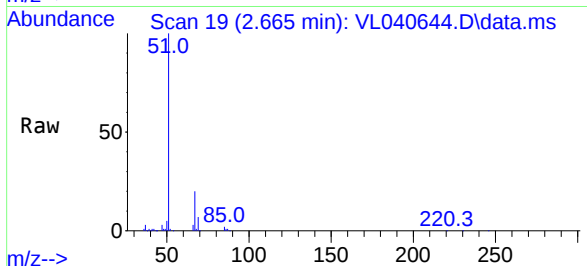
ClientSampleId :

Tgt Ion: 51 Resp: 1451772

Ion Ratio Lower Upper

51 100

67 20.4 15.0 22.6



#4

Chloromethane

Concen: 9.057 ppbv

RT: 2.800 min Scan# 61

Delta R.T. -0.006 min

Lab File: VL040644.D

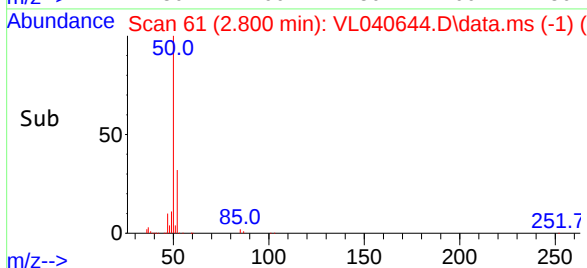
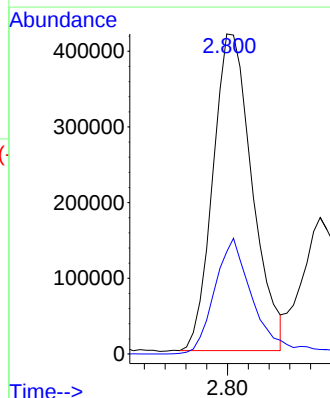
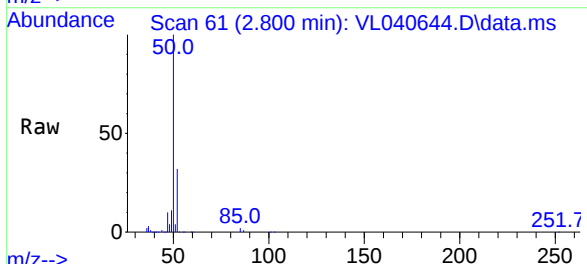
Acq: 5 Sep 2023 12:04

Tgt Ion: 50 Resp: 550437

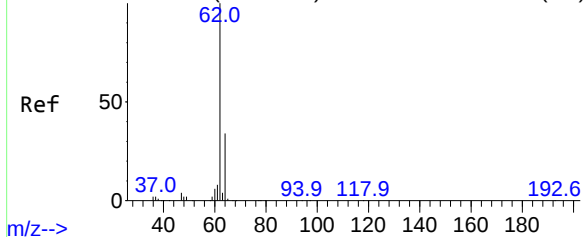
Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



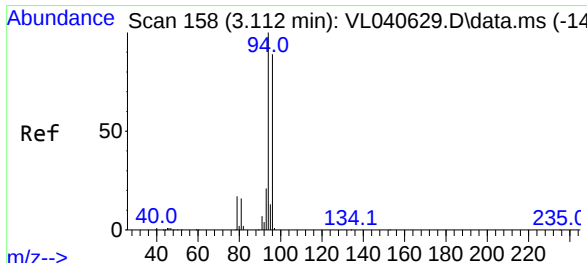
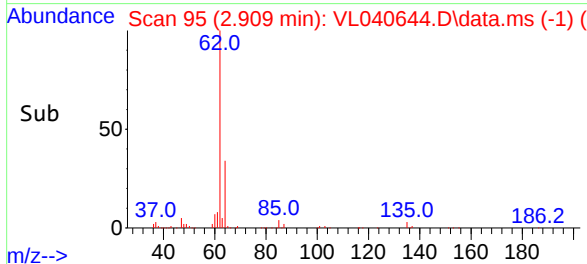
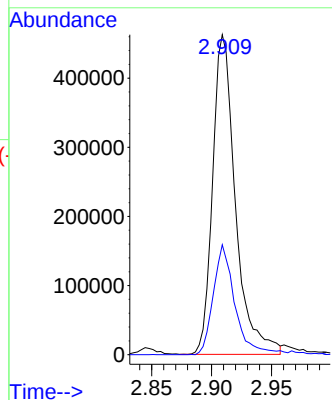
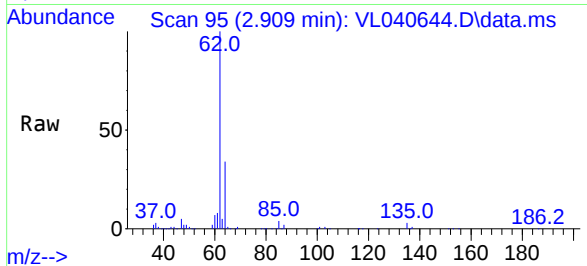
Abundance Scan 97 (2.915 min): VL040629.D\data.ms (-87)



#5
Vinyl Chloride
Concen: 9.471 ppbv
RT: 2.909 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

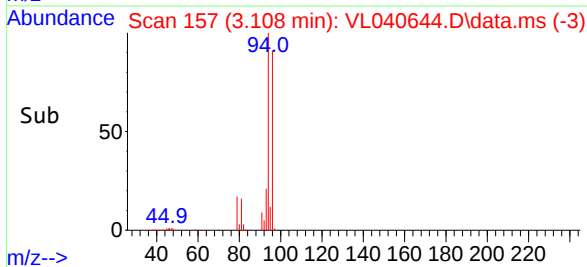
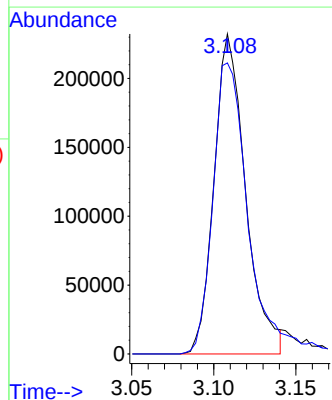
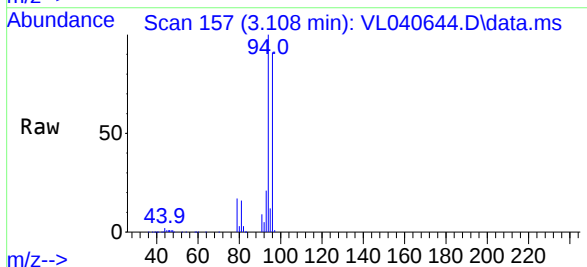
Instrument :
MSVOA_L
ClientSampleId :

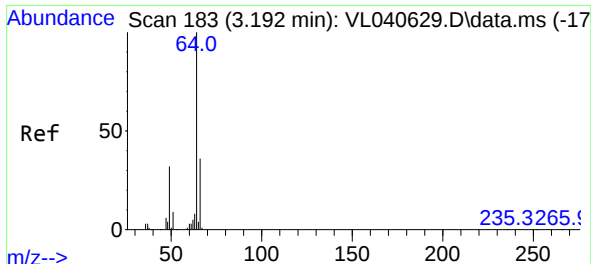
Tgt Ion: 62 Resp: 611173
Ion Ratio Lower Upper
62 100
64 34.4 27.0 40.6



#6
Bromomethane
Concen: 9.169 ppbv
RT: 3.108 min Scan# 157
Delta R.T. -0.003 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 94 Resp: 310200
Ion Ratio Lower Upper
94 100
96 91.0 71.5 107.3

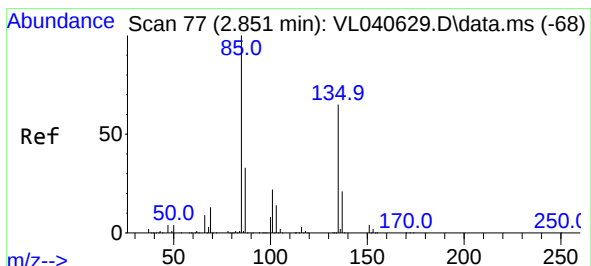
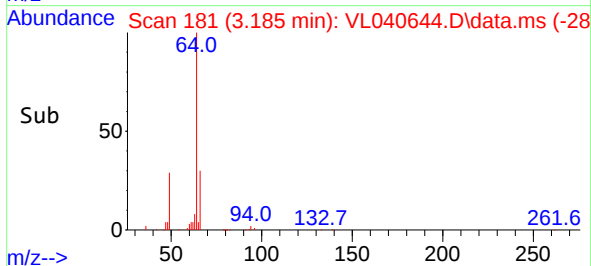
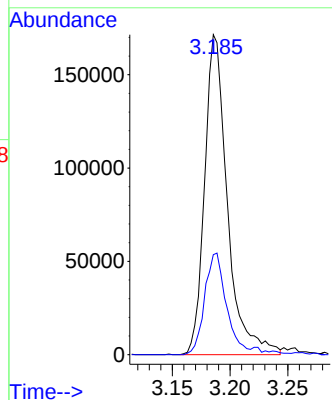
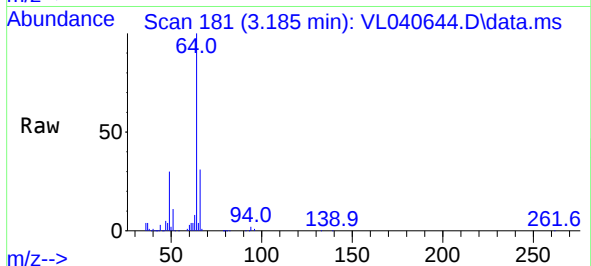




#7
Chloroethane
Concen: 9.987 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

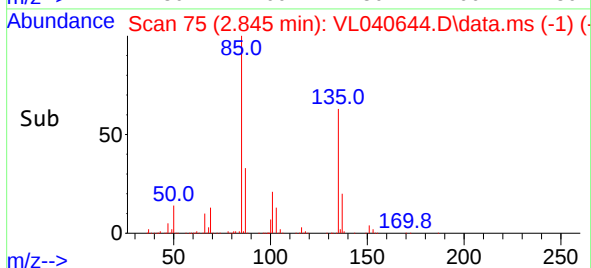
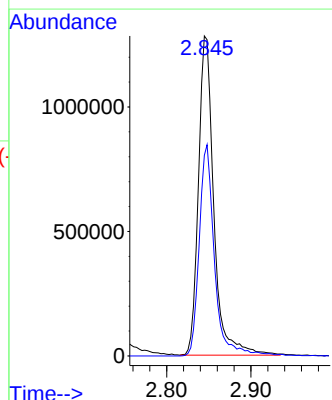
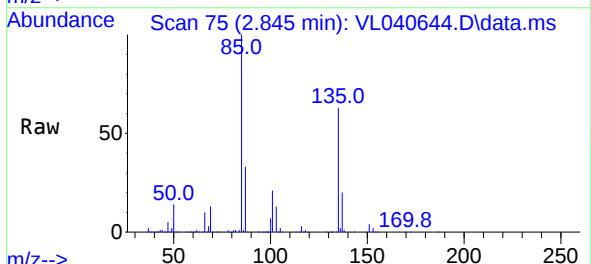
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 235089
Ion Ratio Lower Upper
64 100
66 31.2 28.7 43.1

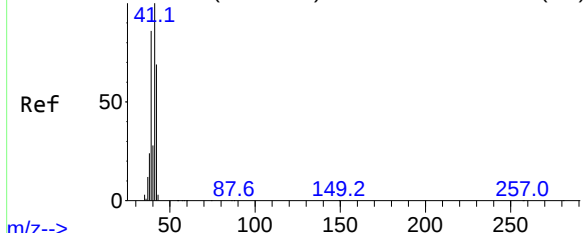


#8
Dichlorotetrafluoroethane
Concen: 9.872 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 85 Resp: 1633217
Ion Ratio Lower Upper
85 100
135 66.1 52.8 79.2



Abundance Scan 26 (2.687 min): VL040629.D\data.ms (-17)



#9

Propene

Concen: 8.741 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.006 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

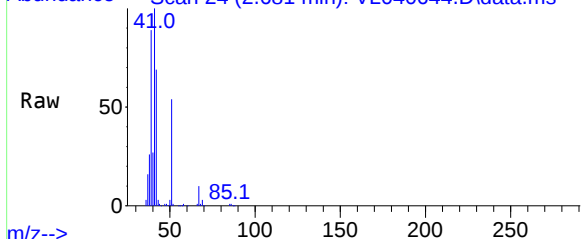
Tgt Ion: 41 Resp: 422043

Ion Ratio Lower Upper

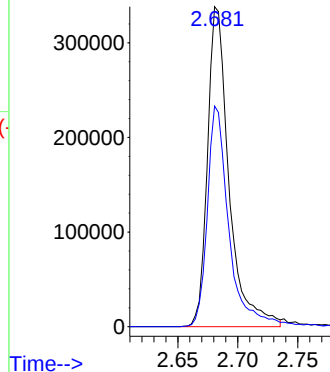
41 100

42 69.9 56.5 84.7

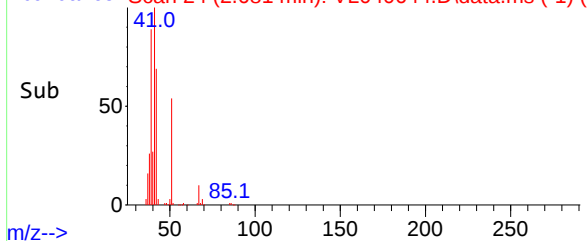
Abundance Scan 24 (2.681 min): VL040644.D\data.ms



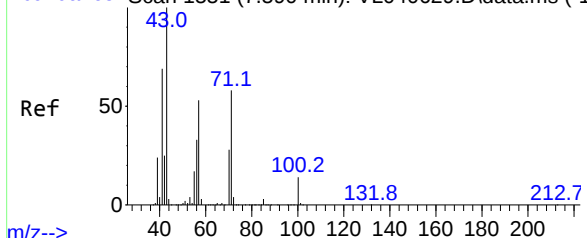
Abundance



Abundance Scan 24 (2.681 min): VL040644.D\data.ms (-1)



Abundance Scan 1551 (7.590 min): VL040629.D\data.ms (-1)



#10

Heptane

Concen: 9.813 ppbv

RT: 7.578 min Scan# 1547

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

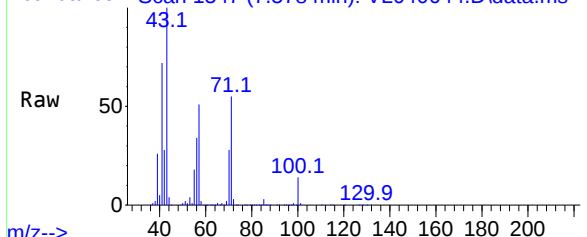
Tgt Ion: 43 Resp: 1091002

Ion Ratio Lower Upper

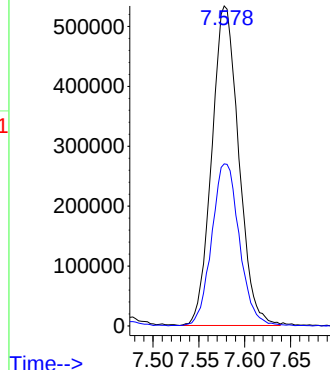
43 100

57 52.5 42.5 63.7

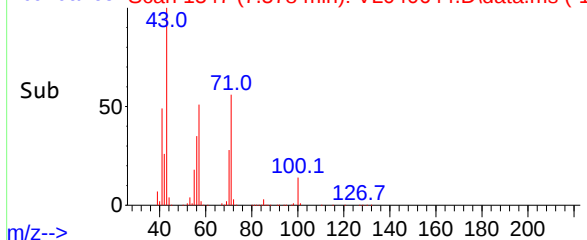
Abundance Scan 1547 (7.578 min): VL040644.D\data.ms

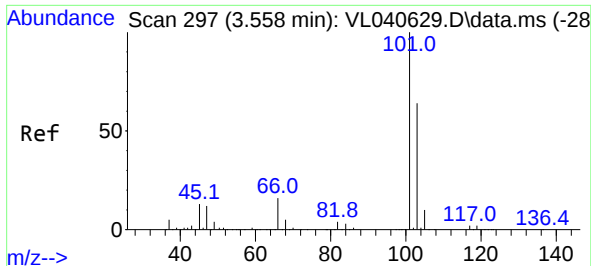


Abundance



Abundance Scan 1547 (7.578 min): VL040644.D\data.ms (-1)





#11

Trichlorofluoromethane

Concen: 10.495 ppbv

RT: 3.552 min Scan# 297

Delta R.T. -0.006 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

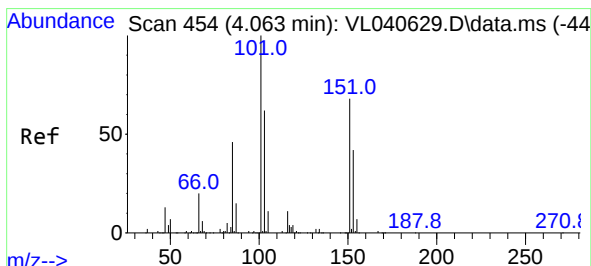
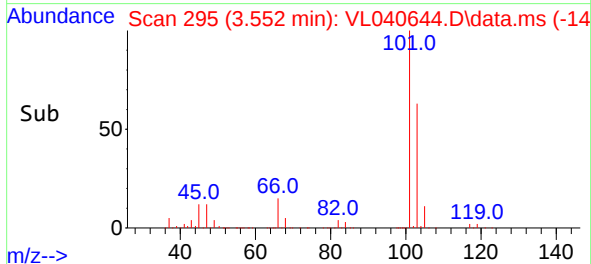
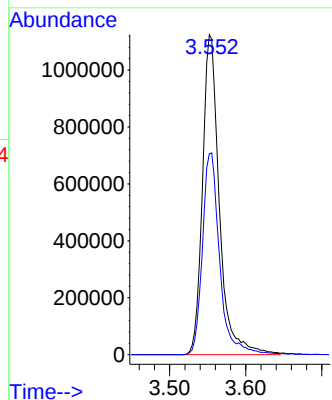
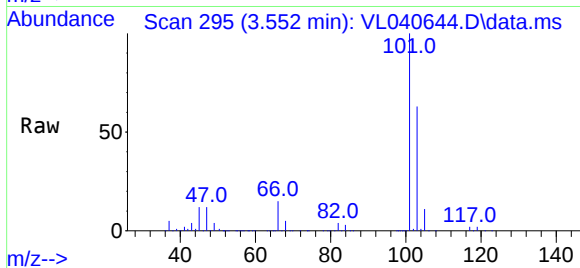
ClientSampleId :

Tgt Ion:101 Resp: 1731853

Ion Ratio Lower Upper

101 100

103 62.8 51.1 76.7



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.184 ppbv

RT: 4.060 min Scan# 453

Delta R.T. -0.003 min

Lab File: VL040644.D

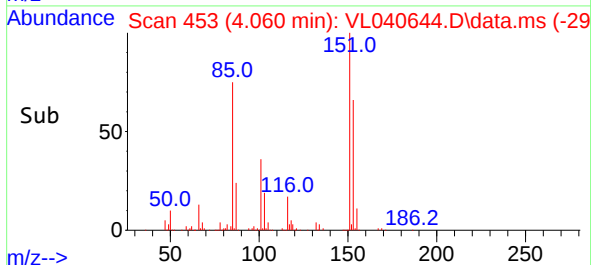
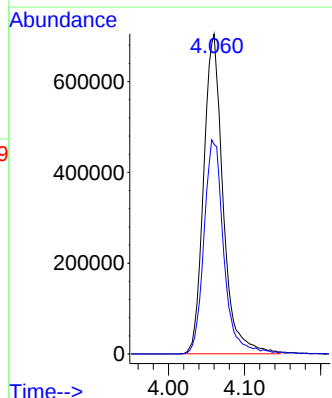
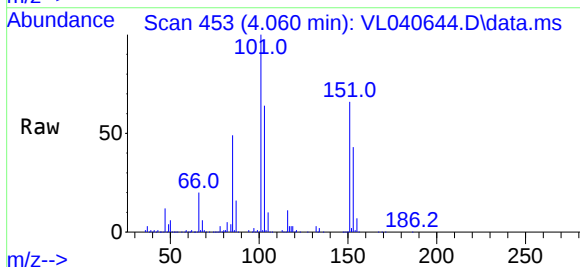
Acq: 5 Sep 2023 12:04

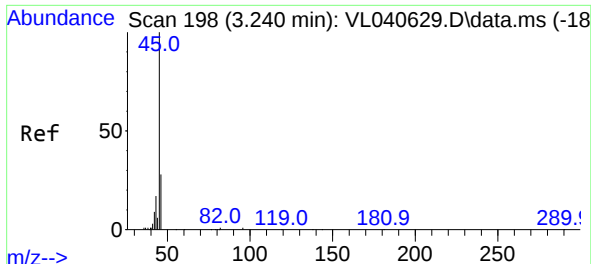
Tgt Ion:101 Resp: 1247452

Ion Ratio Lower Upper

101 100

151 68.8 56.2 84.2





#13

Ethanol

Concen: 7.249 ppbv

RT: 3.227 min Scan# 194

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

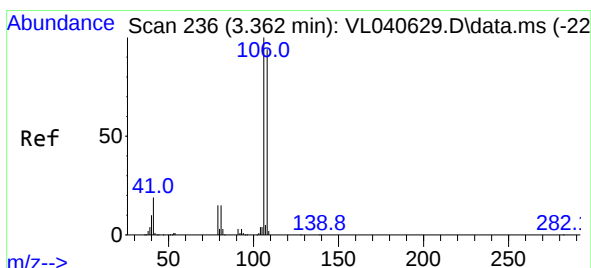
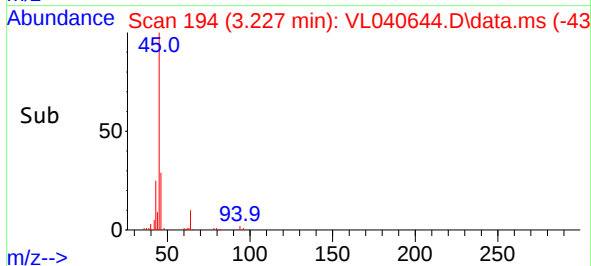
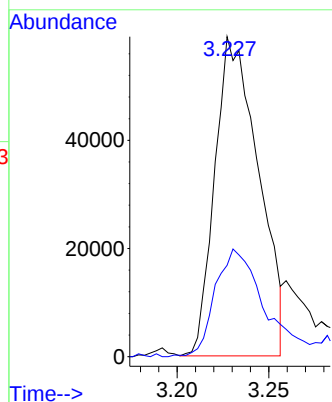
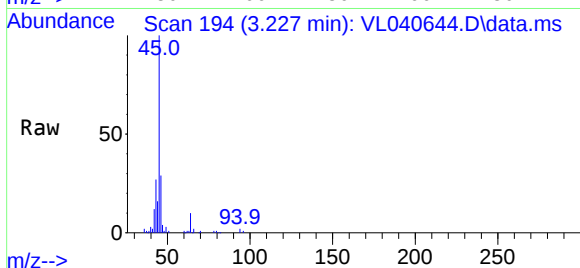
ClientSampleId :

Tgt Ion: 45 Resp: 97675

Ion Ratio Lower Upper

45 100

46 41.4 14.2 56.6



#14

Bromoethene

Concen: 10.275 ppbv

RT: 3.356 min Scan# 234

Delta R.T. -0.006 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

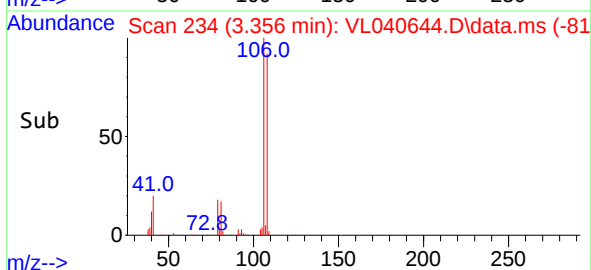
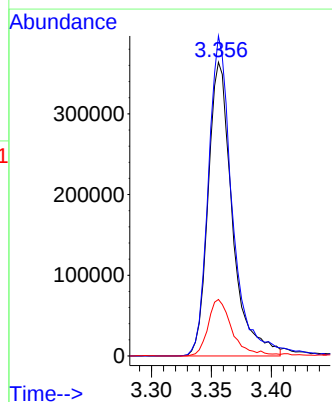
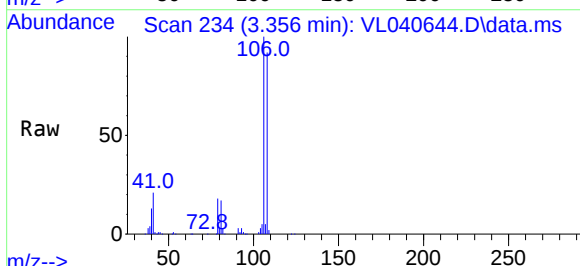
Tgt Ion:108 Resp: 511049

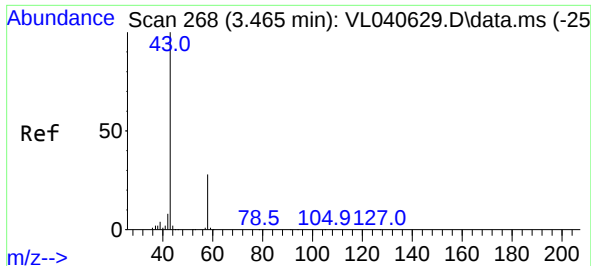
Ion Ratio Lower Upper

108 100

106 110.3 87.3 130.9

79 20.1 14.4 21.6

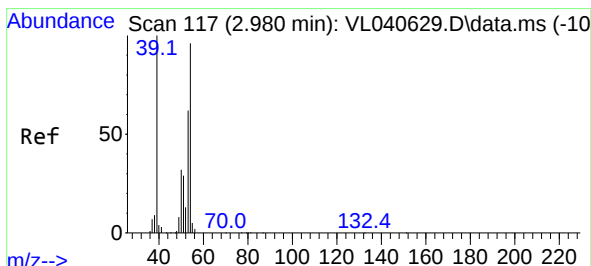
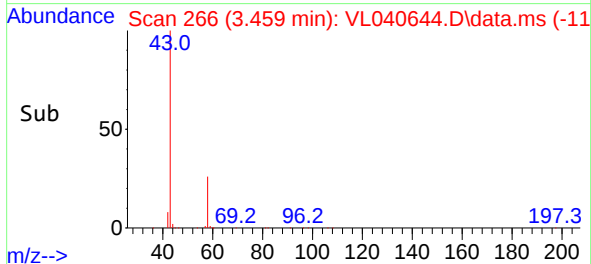
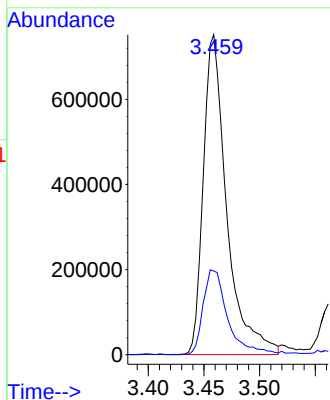
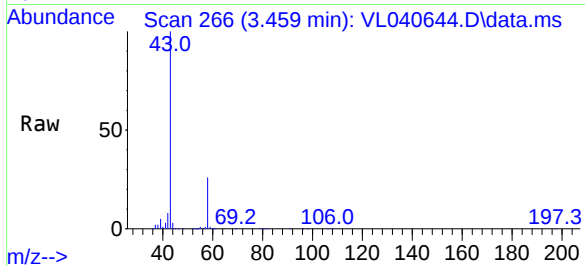




#15
Acetone
Concen: 9.469 ppbv
RT: 3.459 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

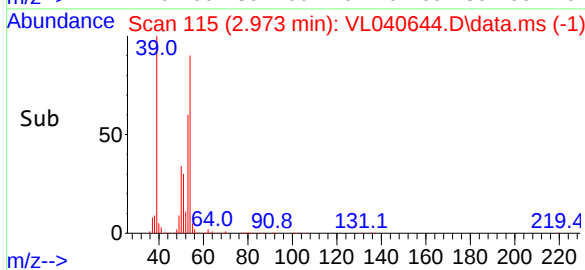
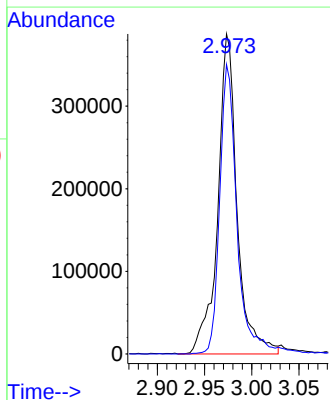
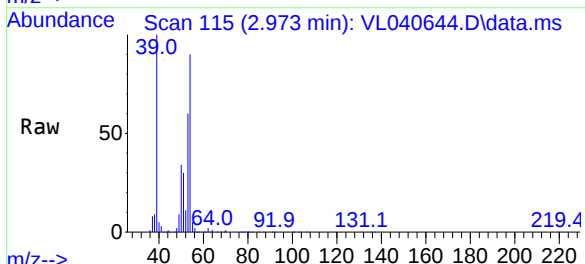
Instrument :
MSVOA_L
ClientSampleId :

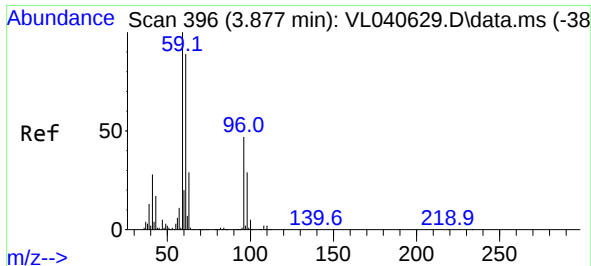
Tgt Ion: 43 Resp: 1099117
Ion Ratio Lower Upper
43 100
58 28.2 22.4 33.6



#16
1,3-Butadiene
Concen: 9.541 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 39 Resp: 550772
Ion Ratio Lower Upper
39 100
54 82.6 66.6 99.8

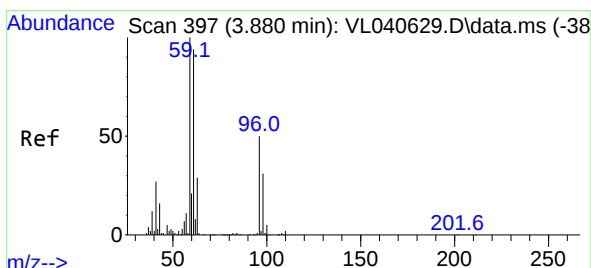
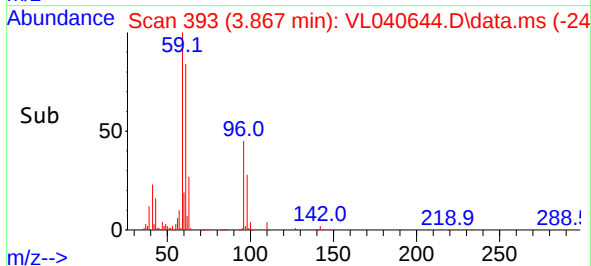
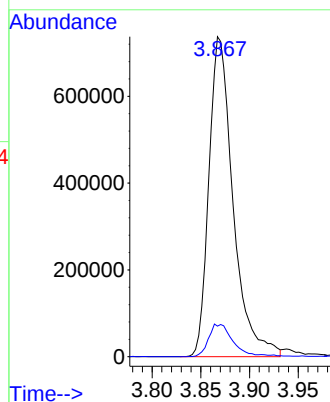
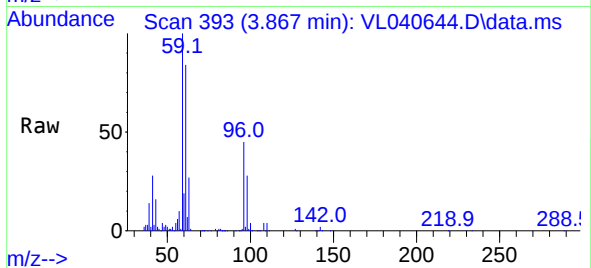




#17
tert-Butyl alcohol
Concen: 10.351 ppbv
RT: 3.867 min Scan# 396
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

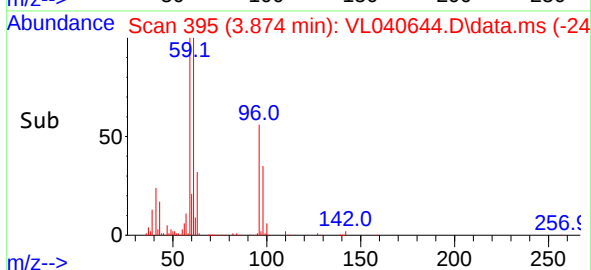
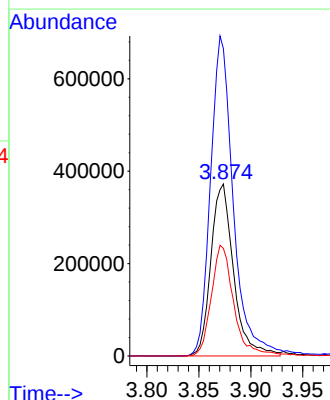
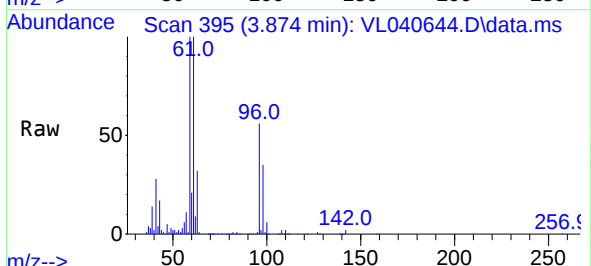
Instrument :
MSVOA_L
ClientSampleId :

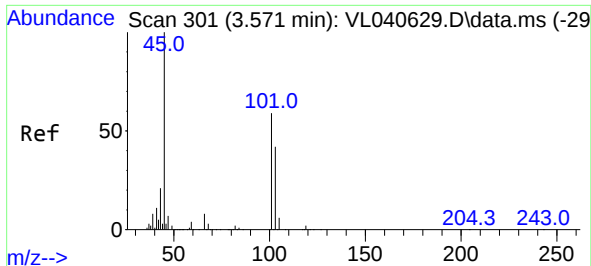
Tgt Ion: 59 Resp: 1274313
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#18
1,1-Dichloroethene
Concen: 10.207 ppbv
RT: 3.874 min Scan# 395
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 96 Resp: 566566
Ion Ratio Lower Upper
96 100
61 178.8 150.4 225.6
98 62.5 49.7 74.5

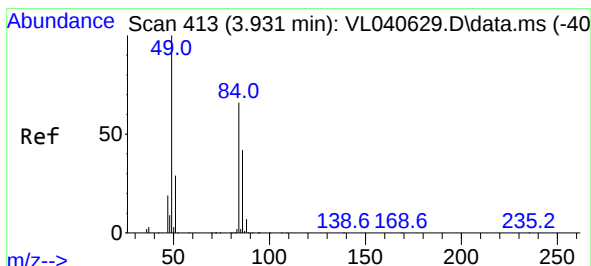
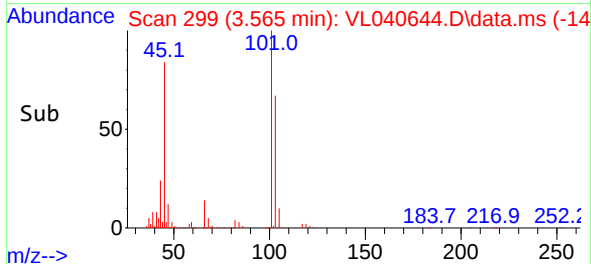
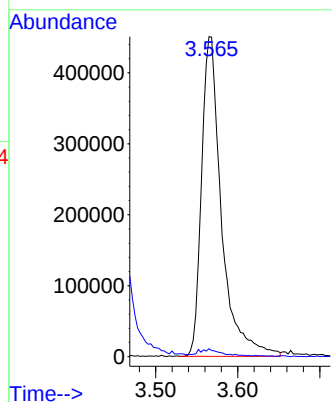
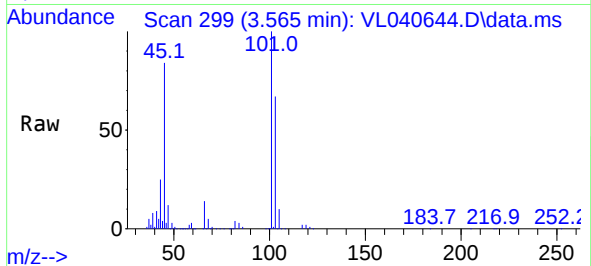




#19
Isopropyl Alcohol
Concen: 10.312 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

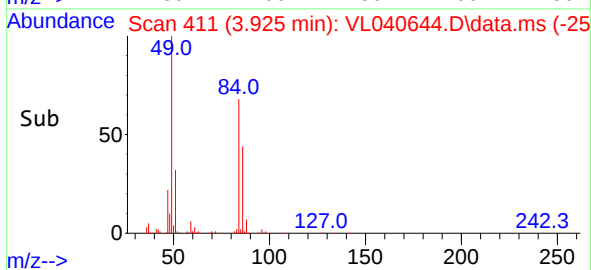
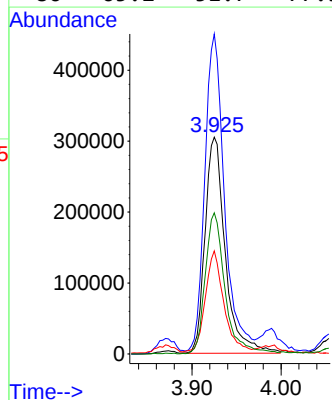
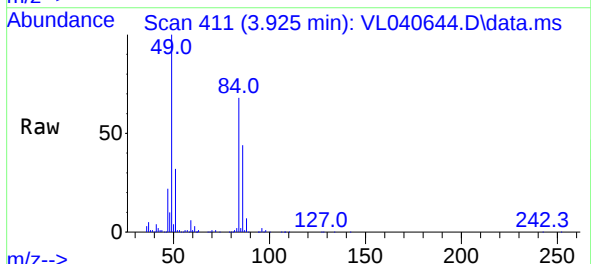
Instrument :
MSVOA_L
ClientSampleId :

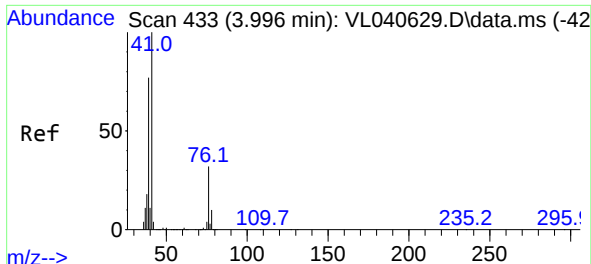
Tgt Ion: 45 Resp: 759006
Ion Ratio Lower Upper
45 100
58 3.4 1.9 2.9#



#20
Methylene Chloride
Concen: 8.471 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

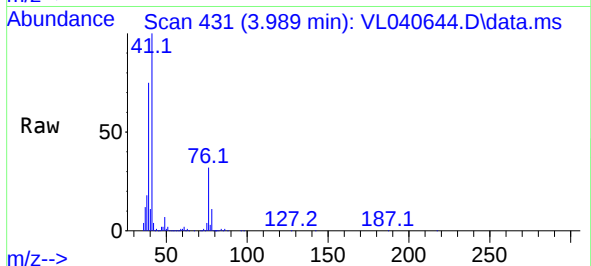
Tgt Ion: 84 Resp: 480513
Ion Ratio Lower Upper
84 100
49 146.4 122.1 183.1
51 46.6 35.4 53.2
86 65.2 51.7 77.5



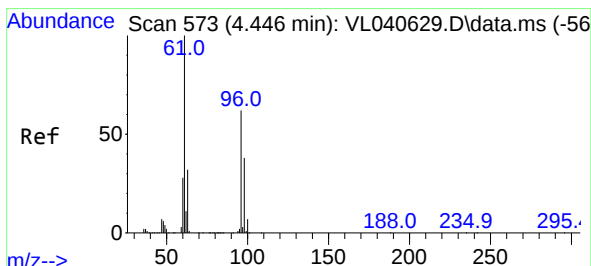
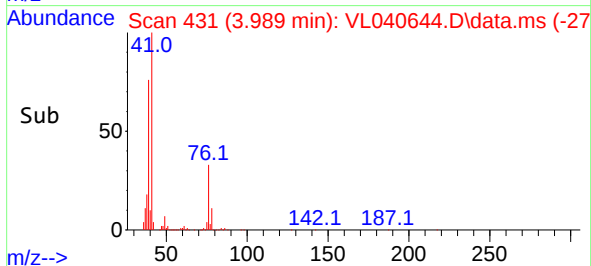
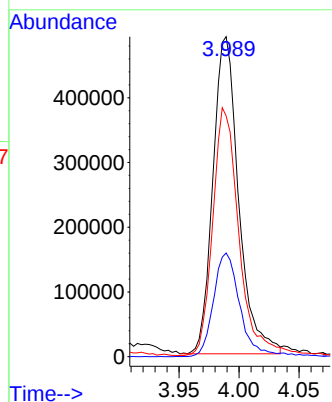


#21
 Allyl Chloride
 Concen: 9.507 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

Instrument :
 MSVOA_L
 ClientSampleId :

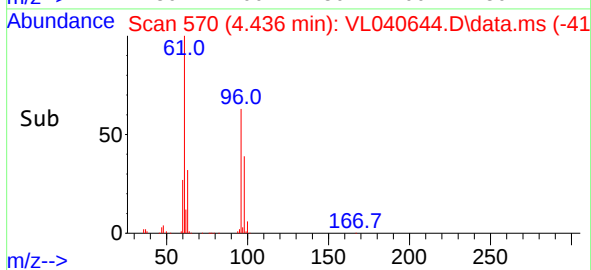
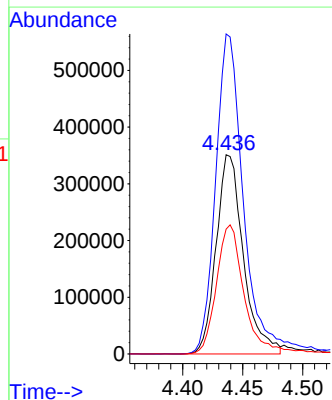
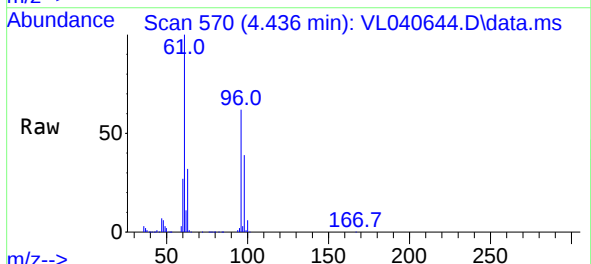


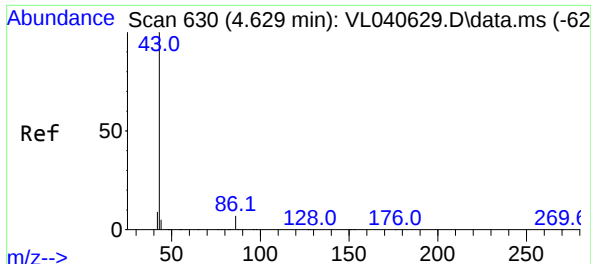
Tgt Ion: 41 Resp: 729900
 Ion Ratio Lower Upper
 41 100
 76 34.0 25.5 38.3
 39 80.6 61.8 92.6



#22
 trans-1,2-Dichloroethene
 Concen: 10.170 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.010 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

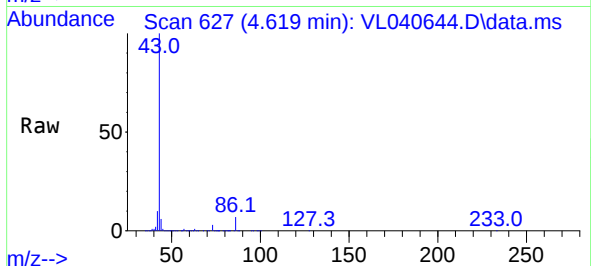
Tgt Ion: 96 Resp: 554182
 Ion Ratio Lower Upper
 96 100
 61 160.6 128.1 192.1
 98 62.6 48.1 72.1





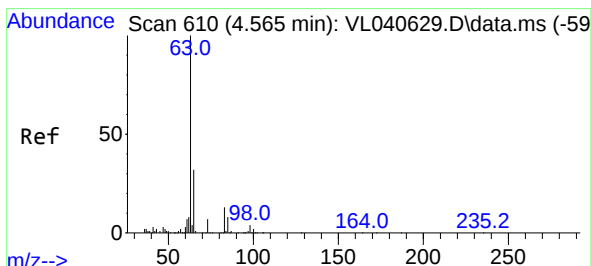
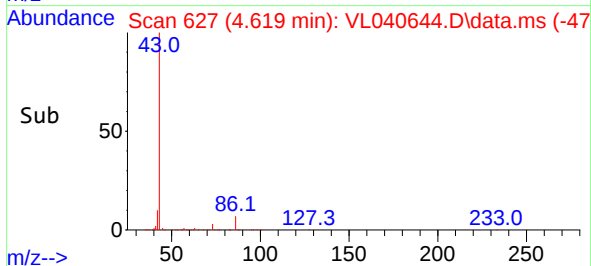
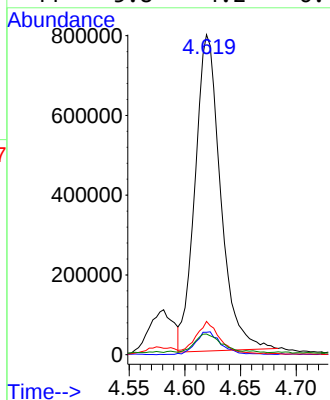
#23
 Vinyl Acetate
 Concen: 9.567 ppbv
 RT: 4.619 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 43 Resp: 1265452

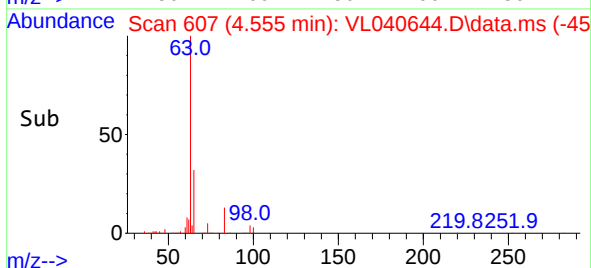
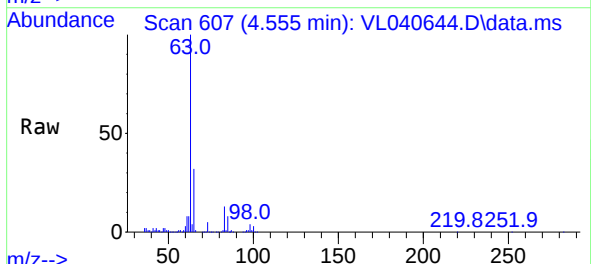
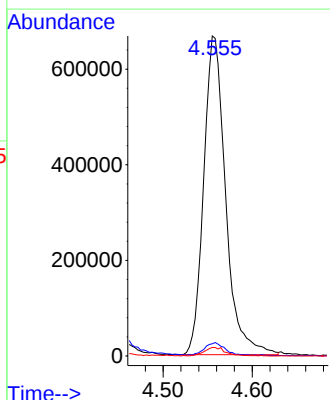
Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.0	7.6
42	10.2	7.8	11.8
44	5.8	4.2	6.4

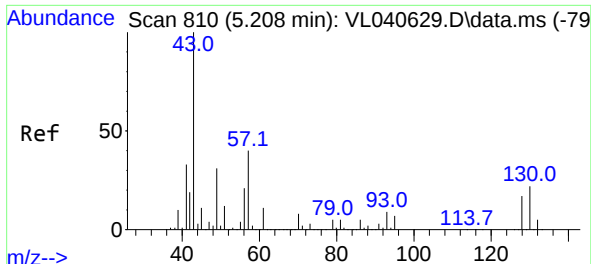


#24
 1,1-Dichloroethane
 Concen: 10.069 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.010 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

Tgt Ion: 63 Resp: 1138898

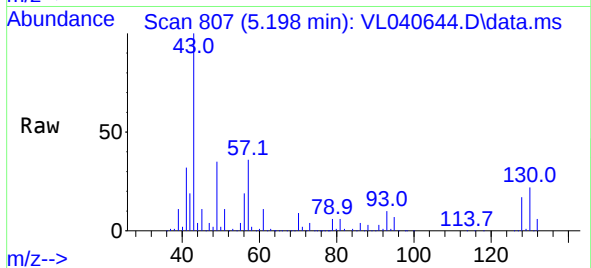
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.0	6.0
100	2.6	1.1	3.3





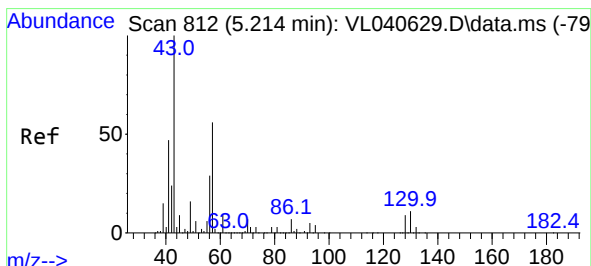
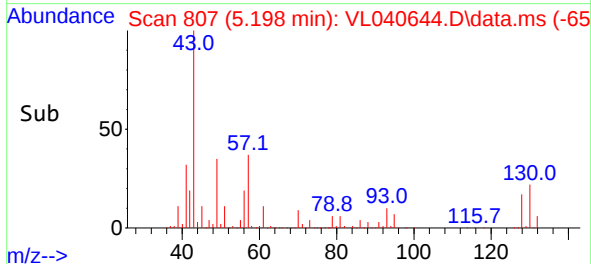
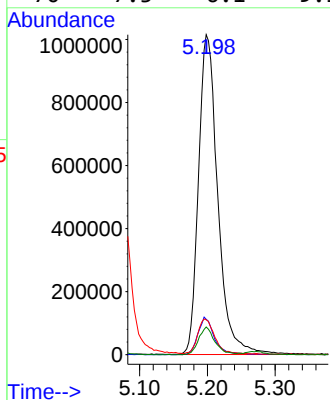
#25
Ethyl Acetate
Concen: 9.181 ppbv
RT: 5.198 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

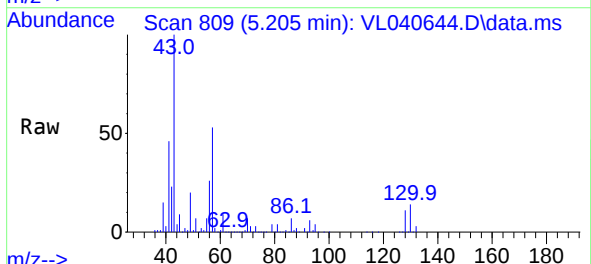


Tgt Ion: 43 Resp: 2001354

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.4
61	10.3	8.3	12.5
70	7.3	6.1	9.1

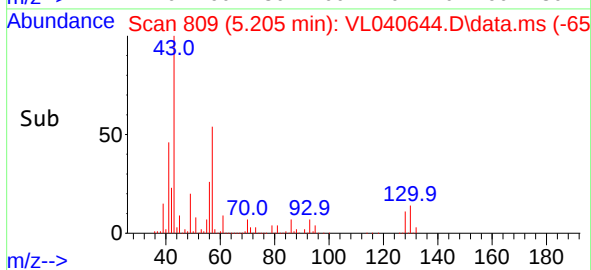
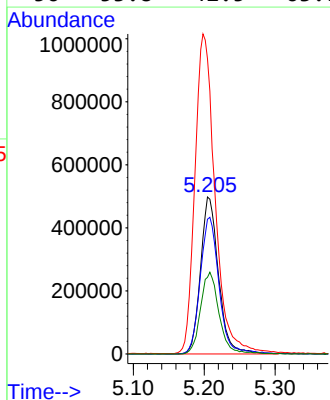


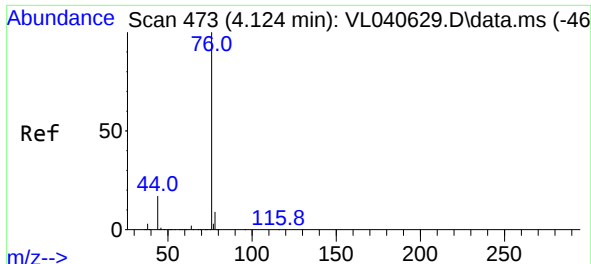
#26
Hexane
Concen: 8.326 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04



Tgt Ion: 57 Resp: 878236

Ion	Ratio	Lower	Upper
57	100		
41	91.3	69.3	103.9
43	228.0	177.9	266.9
56	53.8	42.5	63.7





#27

Carbon Disulfide

Concen: 11.098 ppbv

RT: 4.115 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

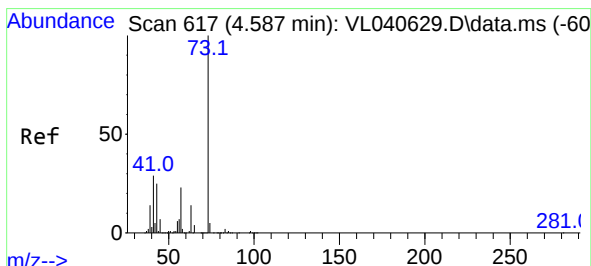
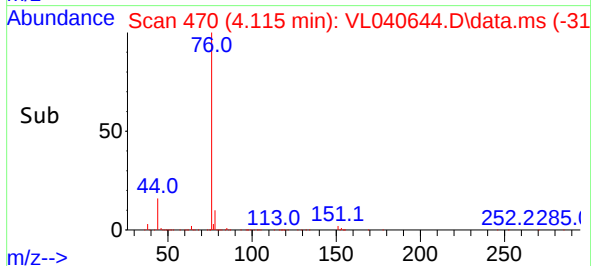
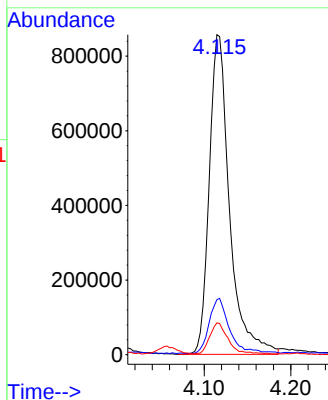
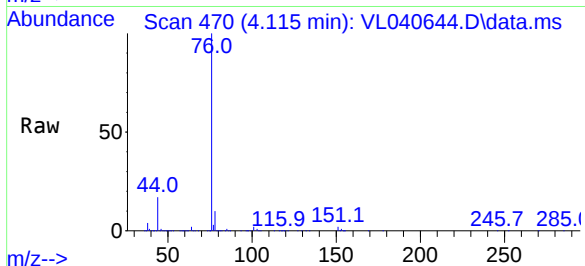
Tgt Ion: 76 Resp: 1393531

Ion Ratio Lower Upper

76 100

44 17.1 14.3 21.5

78 9.4 7.4 11.0



#28

Methyl tert-Butyl Ether

Concen: 9.708 ppbv

RT: 4.581 min Scan# 615

Delta R.T. -0.006 min

Lab File: VL040644.D

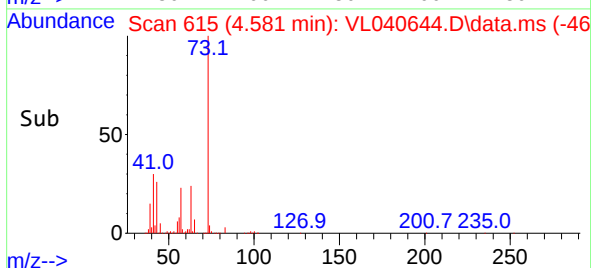
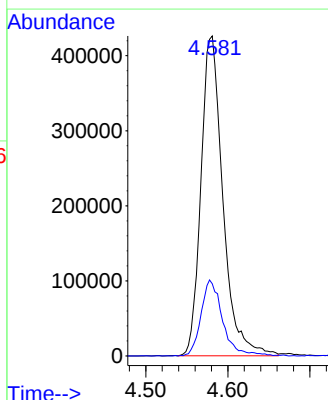
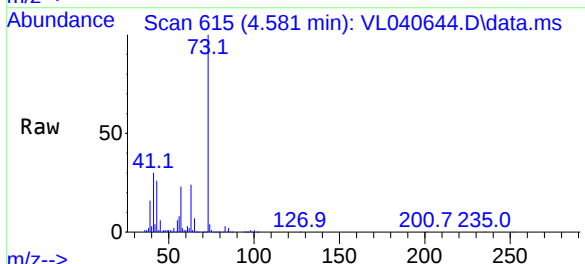
Acq: 5 Sep 2023 12:04

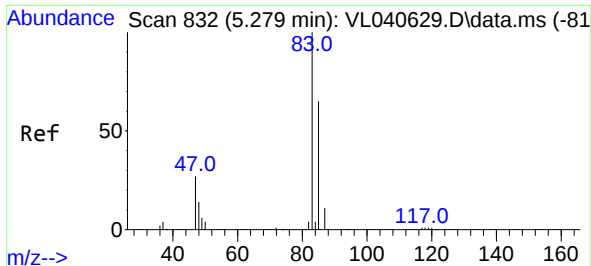
Tgt Ion: 73 Resp: 791582

Ion Ratio Lower Upper

73 100

57 23.5 18.9 28.3





#29

Chloroform

Concen: 9.443 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

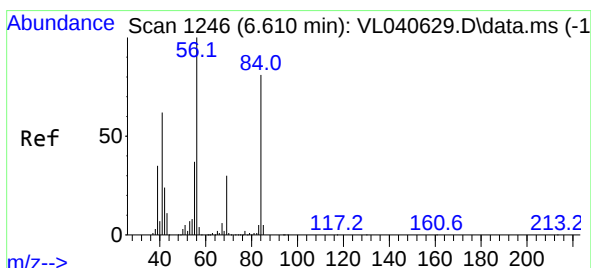
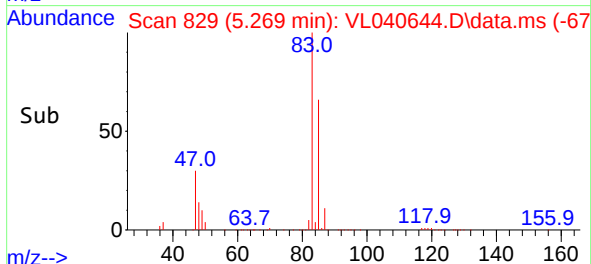
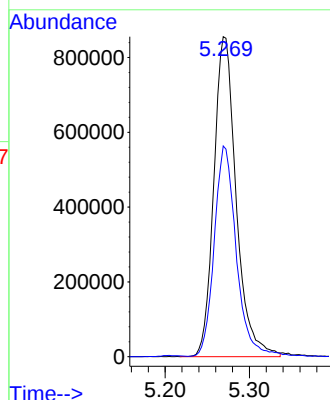
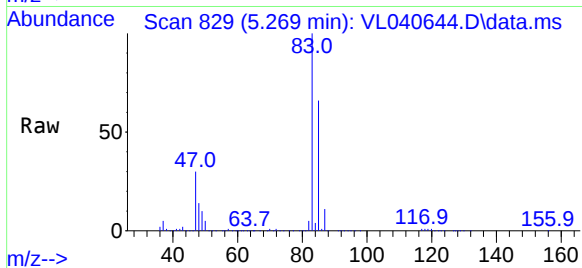
ClientSampleId :

Tgt Ion: 83 Resp: 1576508

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2



#30

Cyclohexane

Concen: 9.174 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

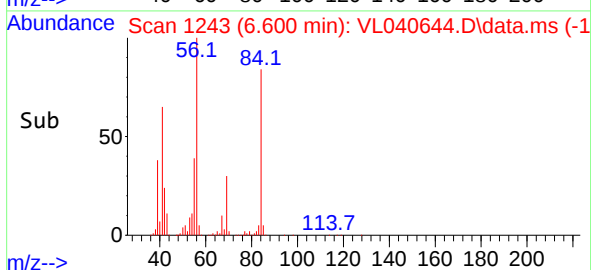
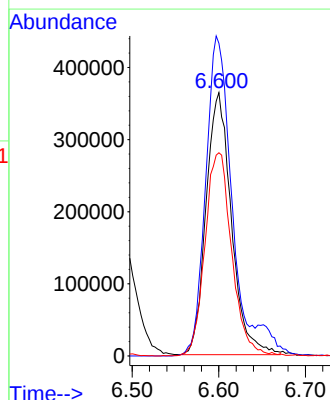
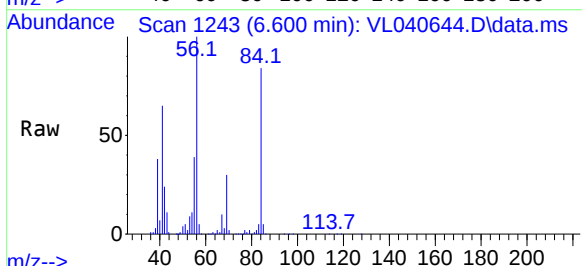
Tgt Ion: 84 Resp: 740366

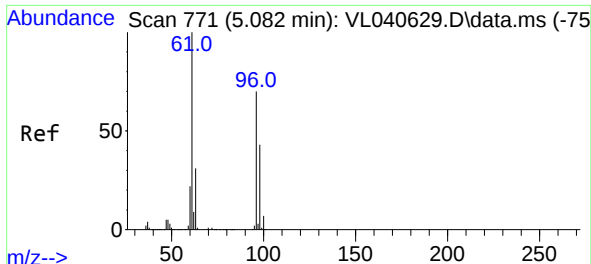
Ion Ratio Lower Upper

84 100

56 130.2 105.4 158.2

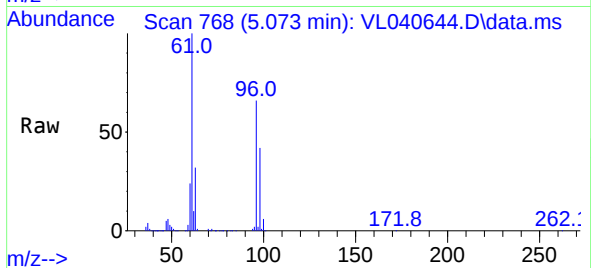
41 82.2 64.2 96.2



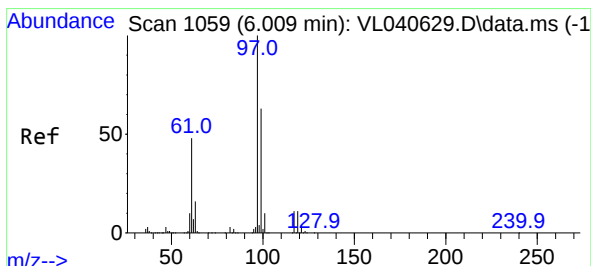
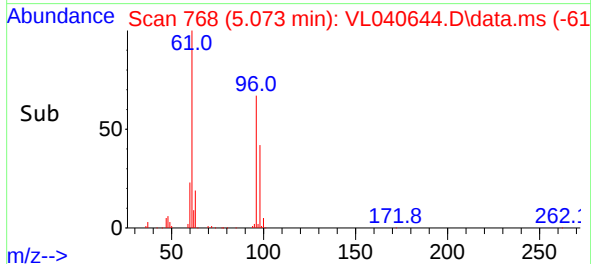
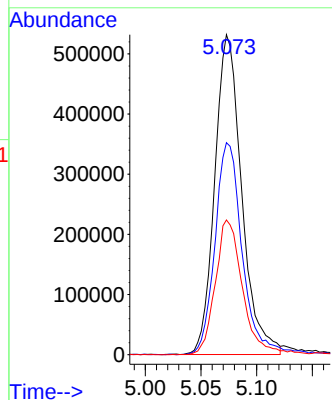


#31
cis-1,2-Dichloroethene
Concen: 9.394 ppbv
RT: 5.073 min Scan# 71
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

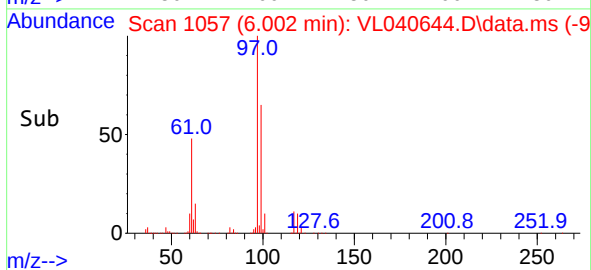
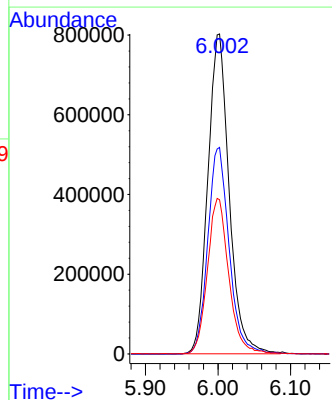
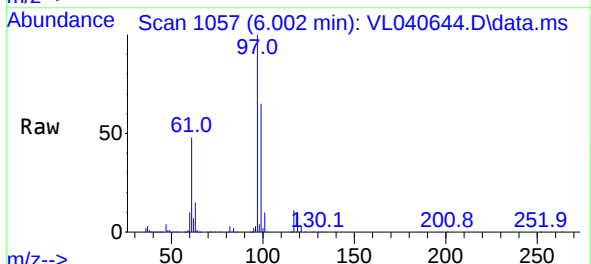


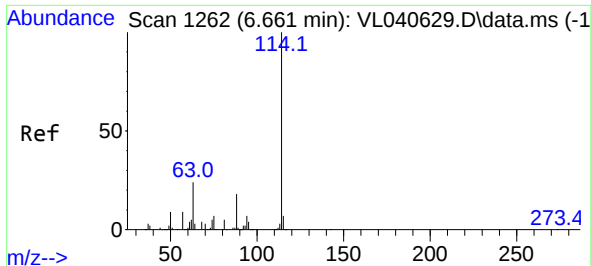
Tgt Ion: 61 Resp: 894189
Ion Ratio Lower Upper
61 100
96 66.3 55.8 83.6
98 42.1 34.8 52.2



#32
1,1,1-Trichloroethane
Concen: 10.242 ppbv
RT: 6.002 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 97 Resp: 1637387
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 48.9 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

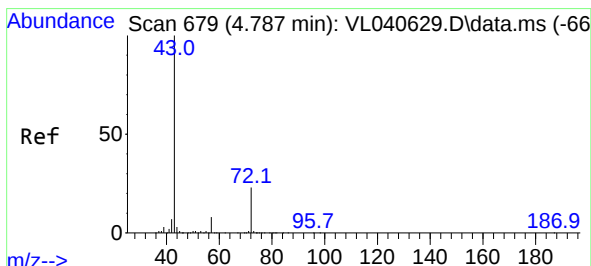
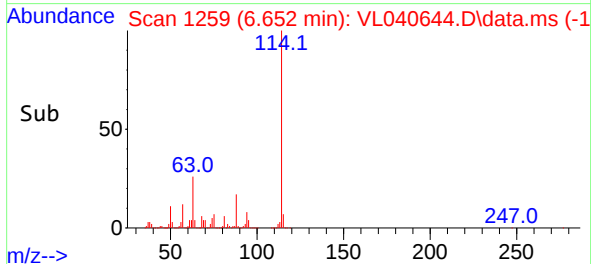
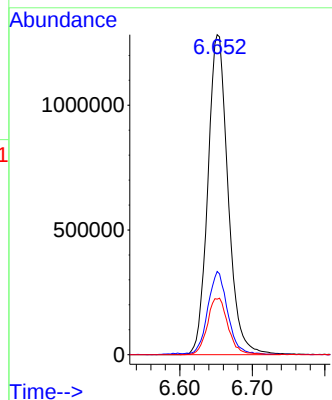
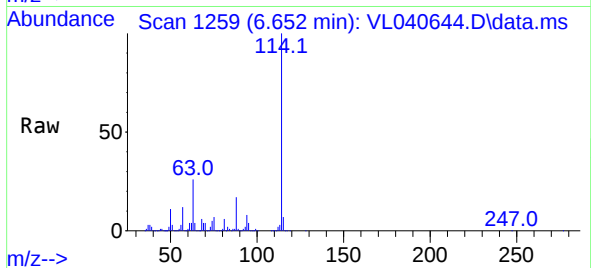
Tgt Ion:114 Resp: 2481557

Ion Ratio Lower Upper

114 100

63 26.2 20.2 30.2

88 18.1 14.1 21.1



#34

2-Butanone

Concen: 9.725 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.006 min

Lab File: VL040644.D

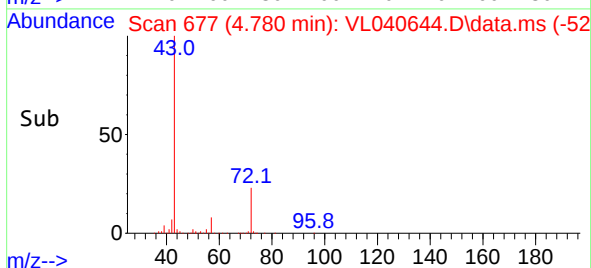
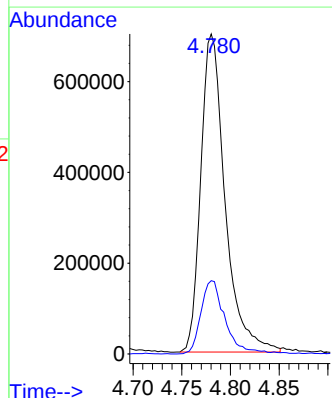
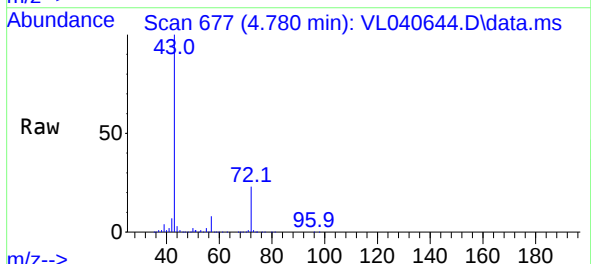
Acq: 5 Sep 2023 12:04

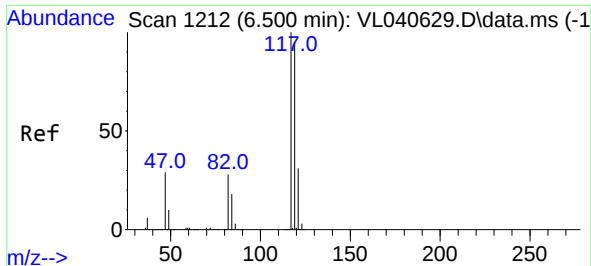
Tgt Ion: 43 Resp: 1217009

Ion Ratio Lower Upper

43 100

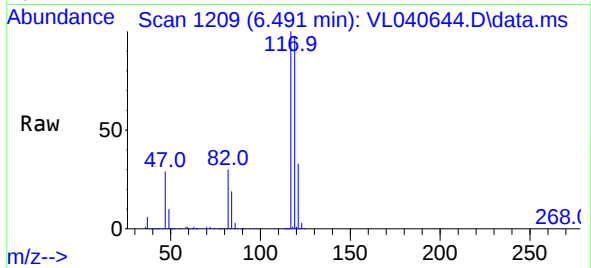
72 23.0 19.2 28.8



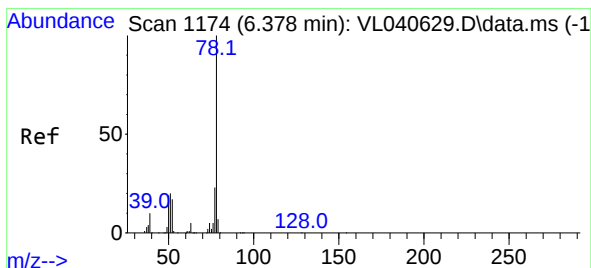
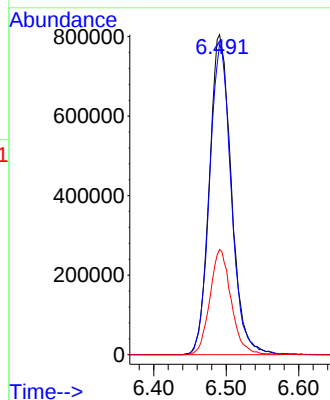
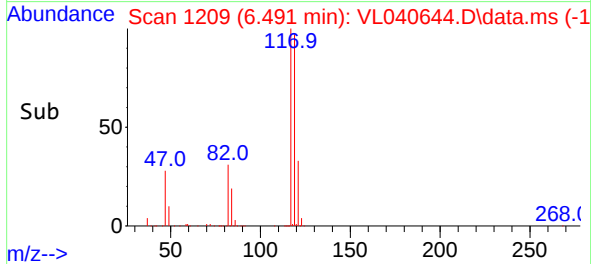


#35
Carbon Tetrachloride
Concen: 10.891 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

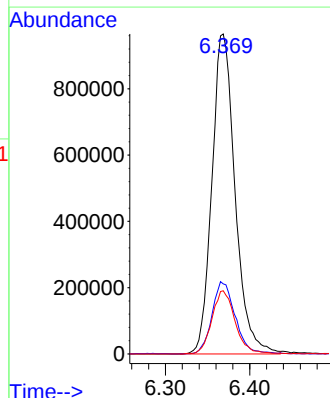
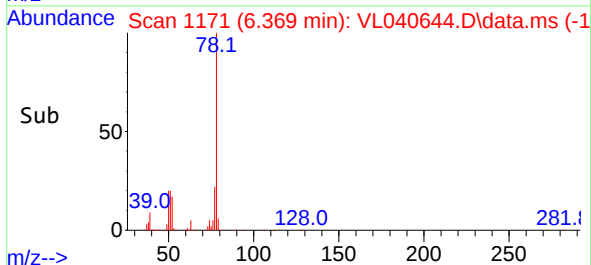
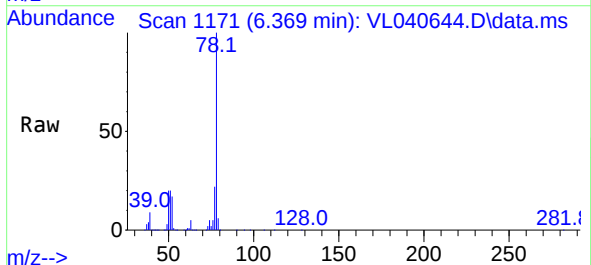


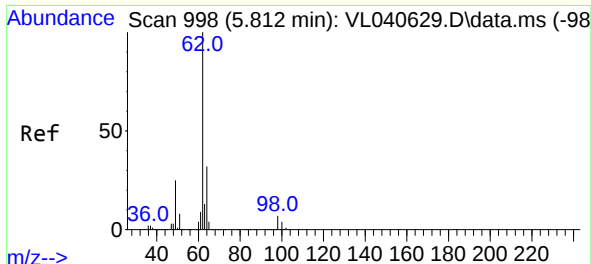
Tgt Ion:117 Resp: 1691134
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
121 32.9 24.9 37.3



#36
Benzene
Concen: 9.336 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 78 Resp: 1843176
Ion Ratio Lower Upper
78 100
77 21.8 18.2 27.2
50 19.7 15.0 22.6

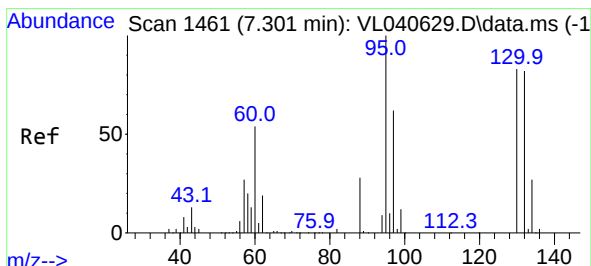
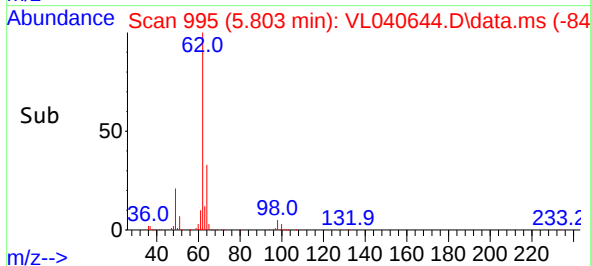
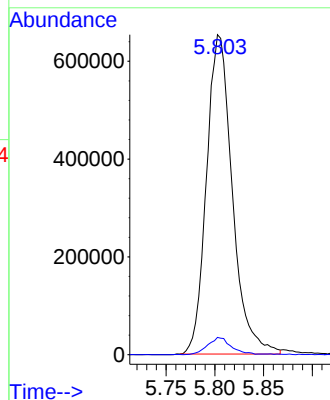
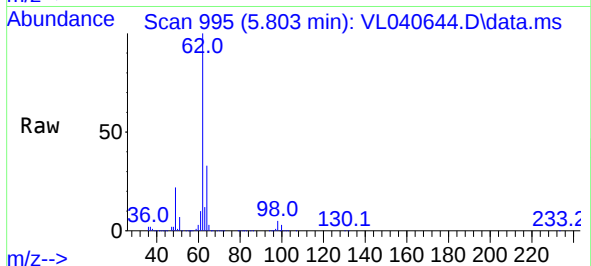




#37
1,2-Dichloroethane
Concen: 10.127 ppbv
RT: 5.803 min Scan# 998
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

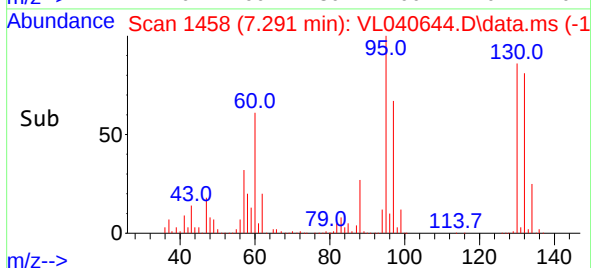
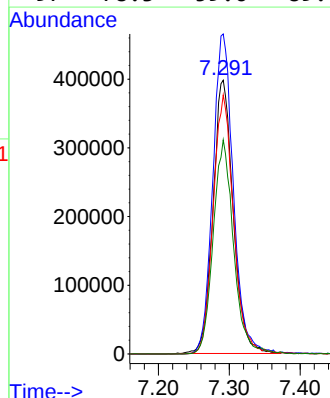
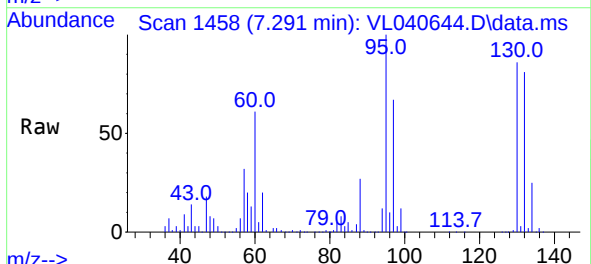
Instrument :
MSVOA_L
ClientSampleId :

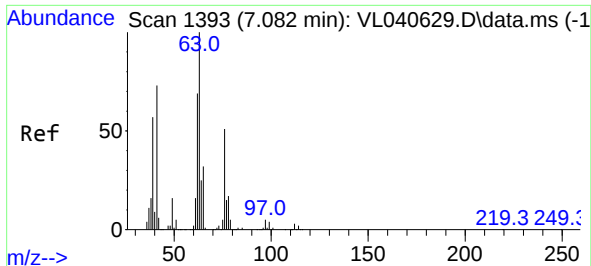
Tgt Ion: 62 Resp: 1205795
Ion Ratio Lower Upper
62 100
98 5.2 4.9 7.3



#38
Trichloroethene
Concen: 10.317 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion:130 Resp: 788671
Ion Ratio Lower Upper
130 100
95 117.1 95.9 143.9
132 94.7 79.0 118.4
97 78.3 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.252 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

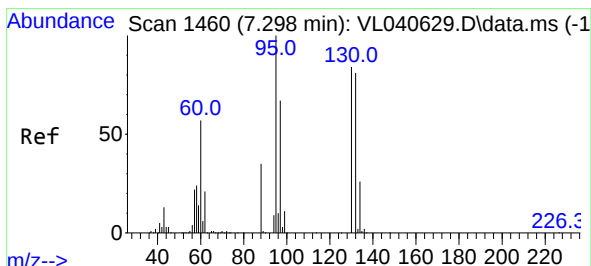
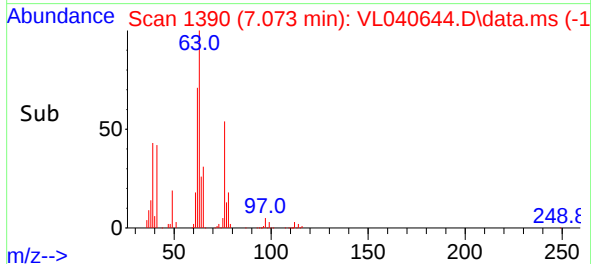
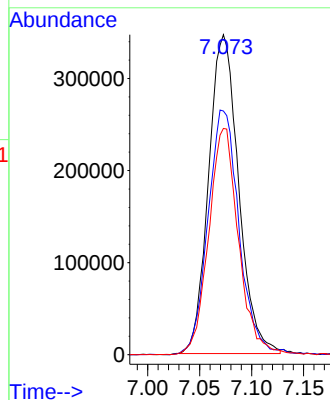
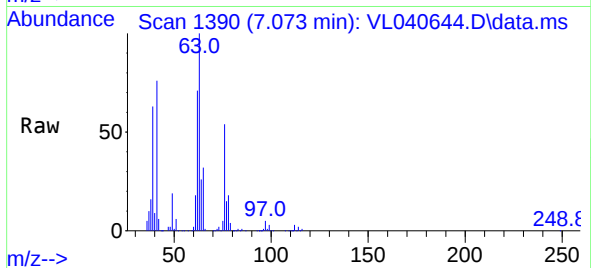
Tgt Ion: 63 Resp: 694868

Ion Ratio Lower Upper

63 100

41 75.8 58.2 87.2

62 70.4 55.0 82.4



#40

1,4-Dioxane

Concen: 10.302 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Tgt Ion: 88 Resp: 293154

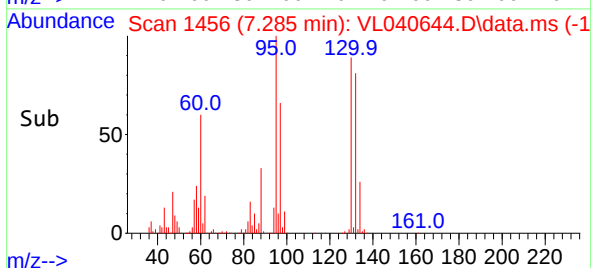
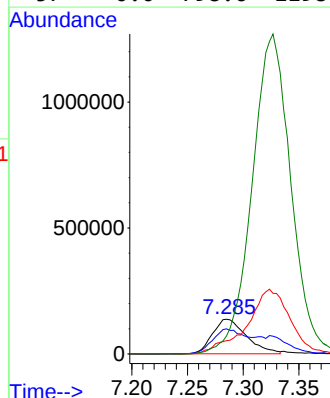
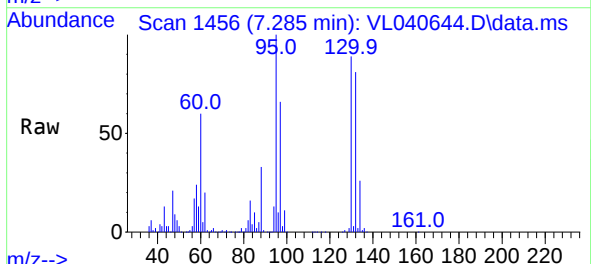
Ion Ratio Lower Upper

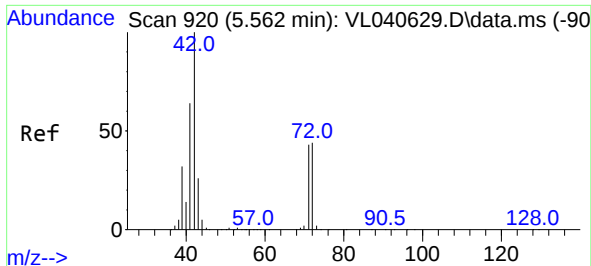
88 100

58 120.0 92.8 139.2

43 0.0 179.1 268.7#

57 0.0 798.6 1198.0#



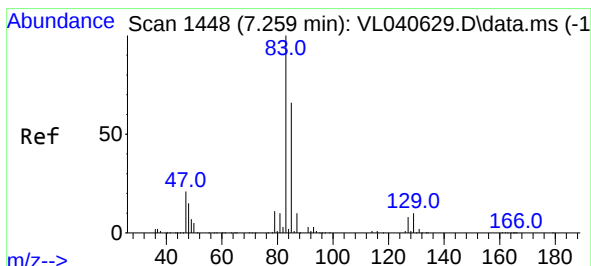
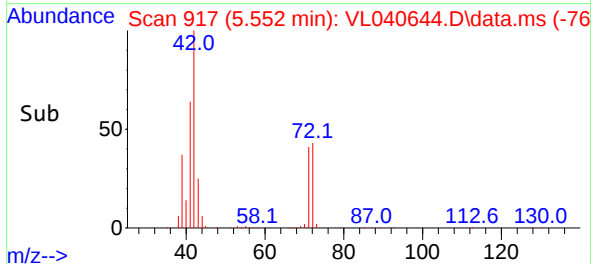
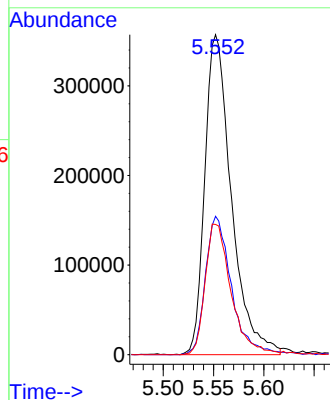
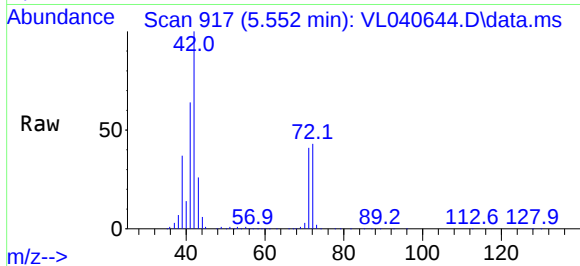


#41
Tetrahydrofuran
Concen: 9.277 ppbv
RT: 5.552 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 656193

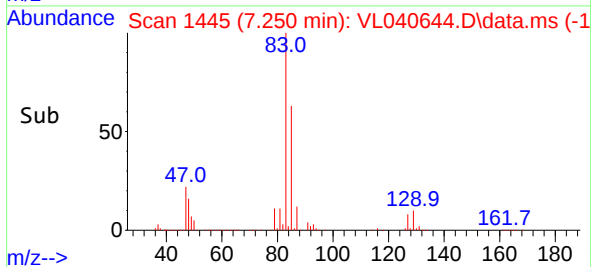
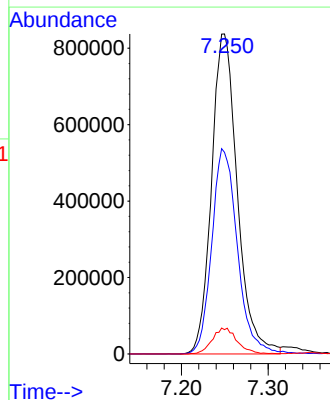
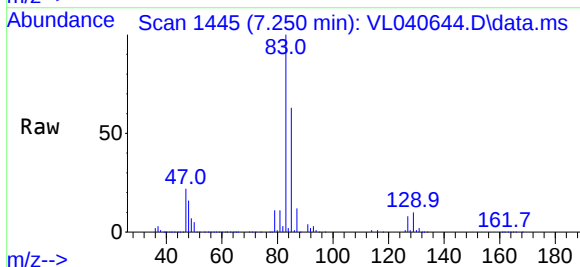
Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.2	51.4
71	40.6	33.4	50.0

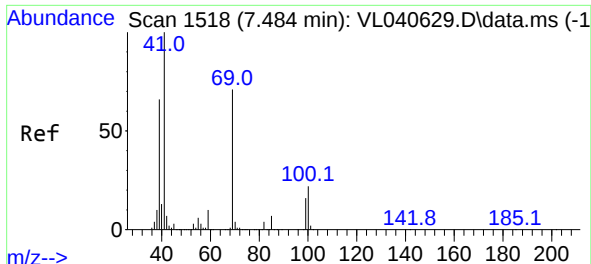


#42
Bromodichloromethane
Concen: 10.457 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 83 Resp: 1733104

Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.5	78.7
127	7.6	6.1	9.1





#43

Methyl Methacrylate

Concen: 10.456 ppbv

RT: 7.471 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

ClientSampleId :

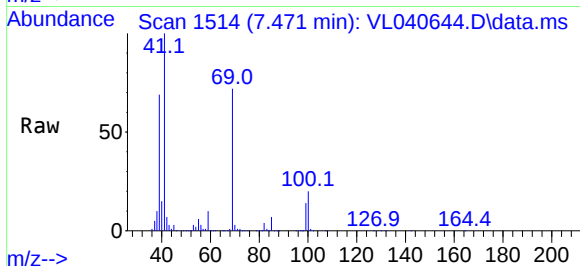
Tgt Ion: 69 Resp: 772880

Ion Ratio Lower Upper

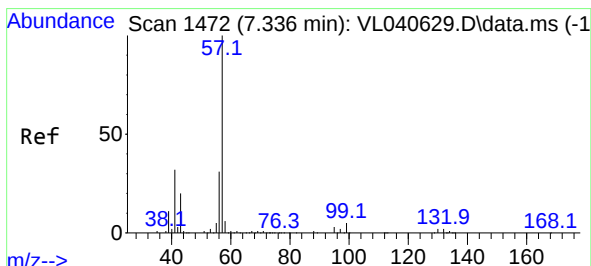
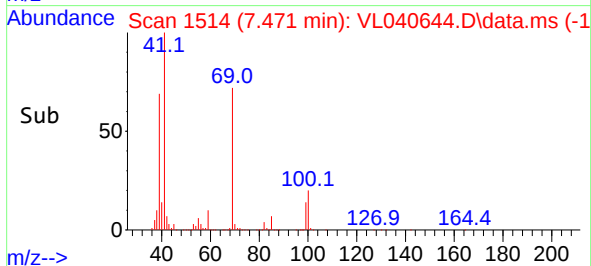
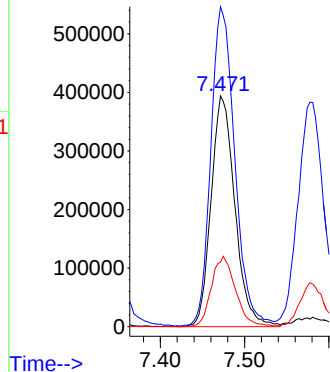
69 100

41 139.7 111.8 167.8

100 30.9 25.8 38.6



Abundance



#44

2,2,4-Trimethylpentane

Concen: 9.669 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

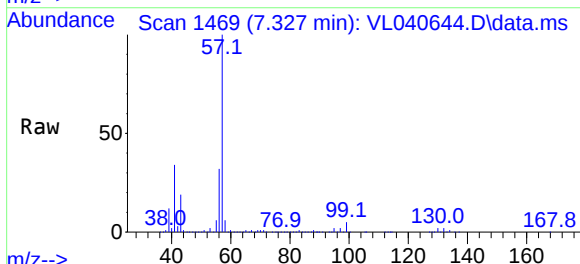
Tgt Ion: 57 Resp: 3085432

Ion Ratio Lower Upper

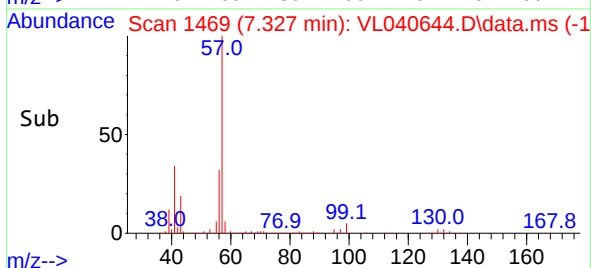
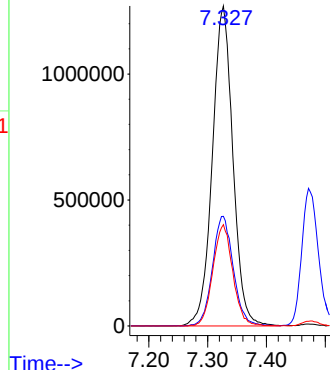
57 100

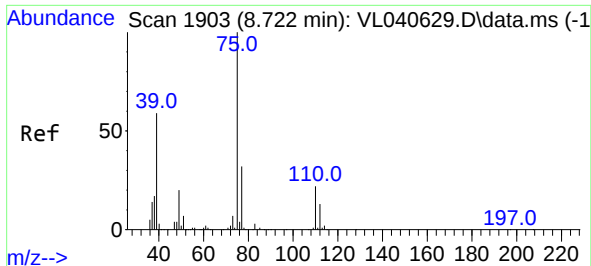
41 34.8 26.2 39.4

56 30.7 24.7 37.1



Abundance





#45

t-1,3-Dichloropropene

Concen: 11.947 ppbv

RT: 8.709 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Instrument :

MSVOA_L

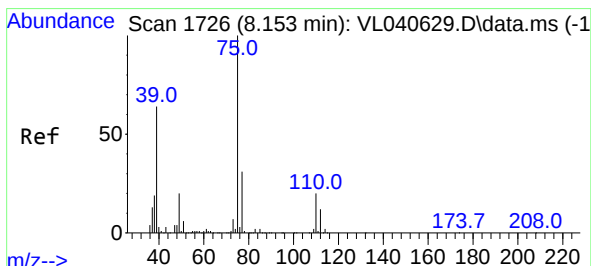
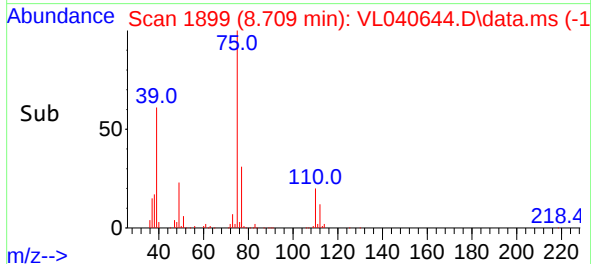
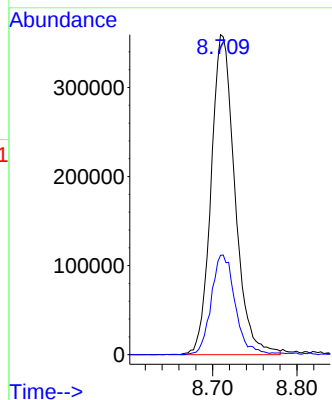
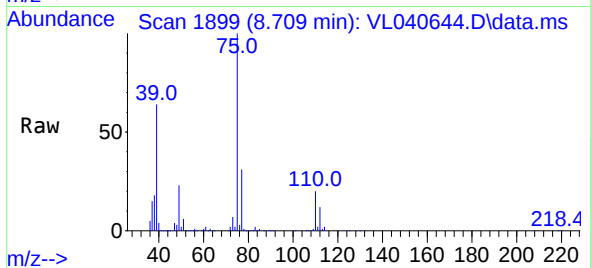
ClientSampleId :

Tgt Ion: 75 Resp: 705234

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 11.406 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. -0.013 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

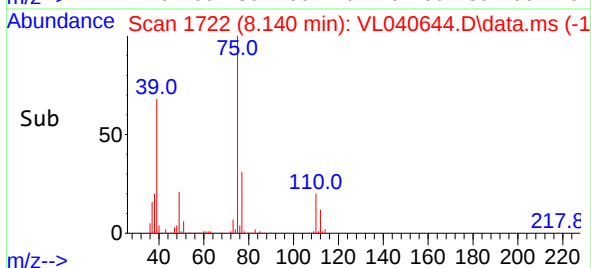
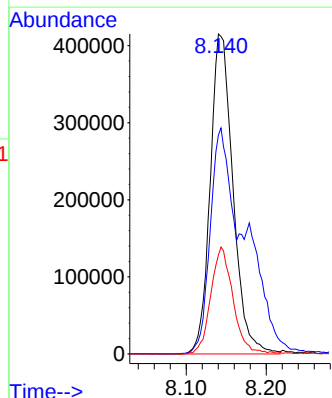
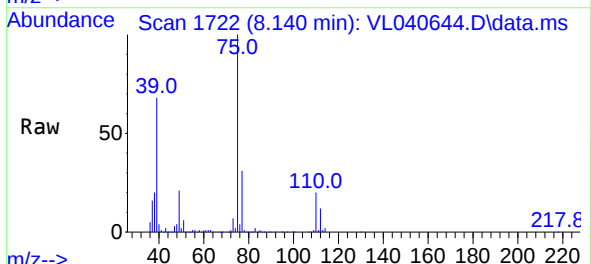
Tgt Ion: 75 Resp: 821355

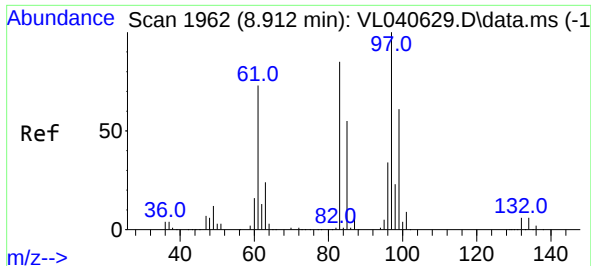
Ion Ratio Lower Upper

75 100

39 68.3 51.0 76.4

77 30.9 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.527 ppbv

RT: 8.902 min Scan# 1962

Delta R.T. -0.010 min

Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

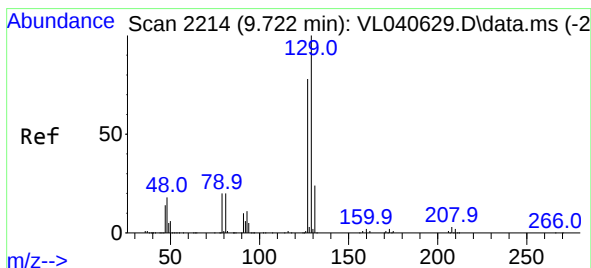
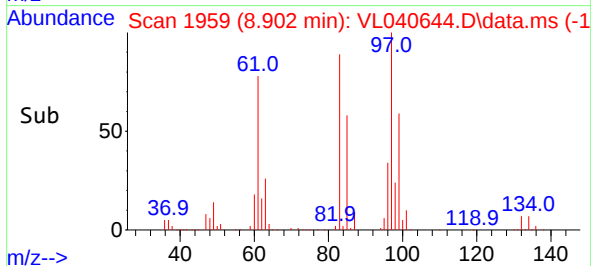
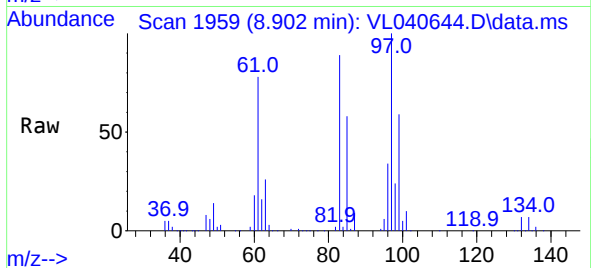
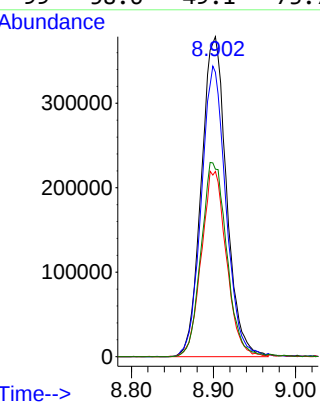
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 808325

Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.8	101.8
85	57.9	44.0	66.0
99	58.6	49.1	73.7



#48

Dibromochloromethane

Concen: 10.918 ppbv

RT: 9.713 min Scan# 2211

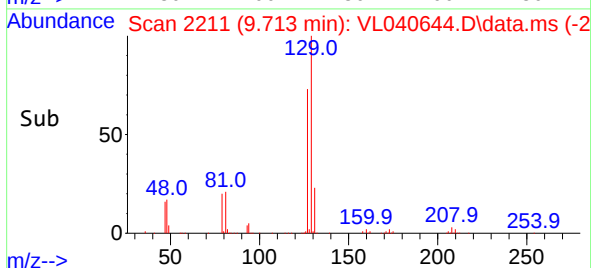
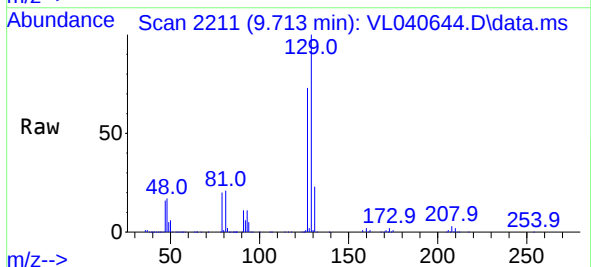
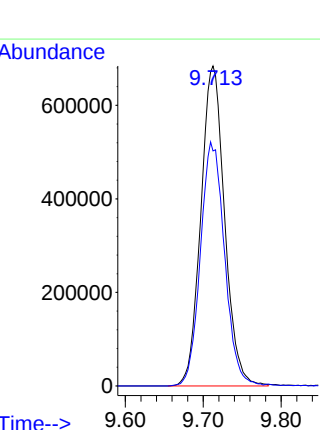
Delta R.T. -0.010 min

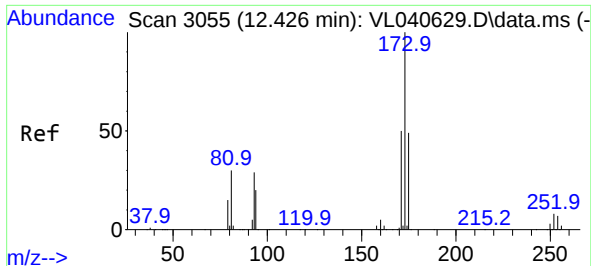
Lab File: VL040644.D

Acq: 5 Sep 2023 12:04

Tgt Ion:129 Resp: 1449690

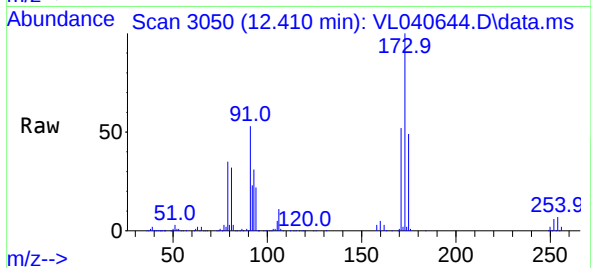
Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.9	116.7





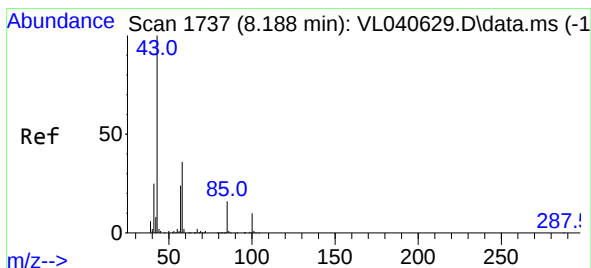
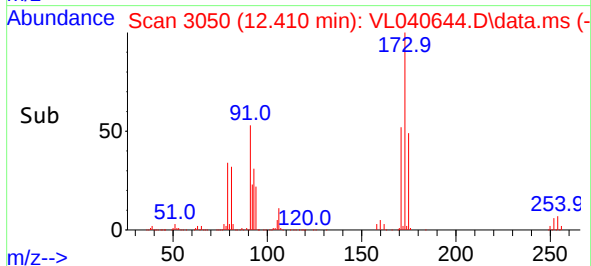
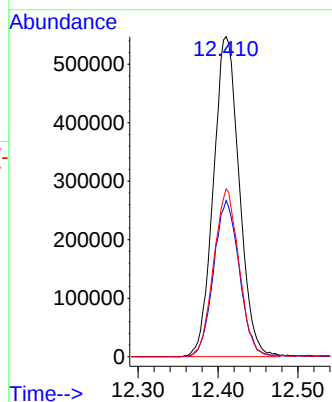
#49
Bromoform
Concen: 11.548 ppbv
RT: 12.410 min Scan# 3055
Delta R.T. -0.016 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1228544

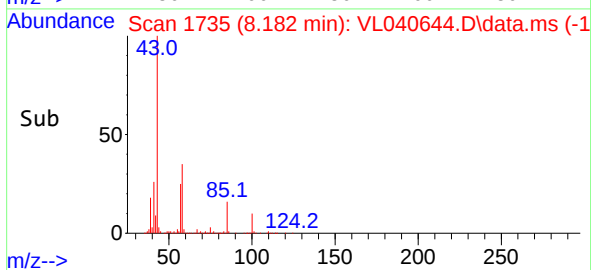
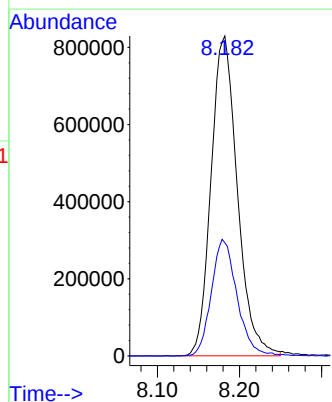
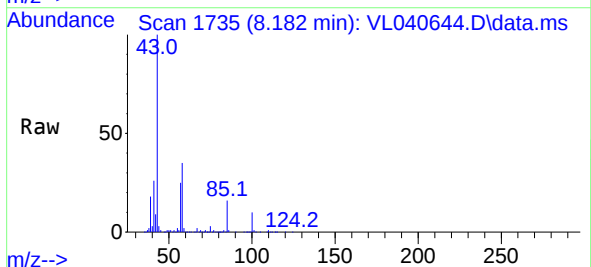
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.6
171	51.9	41.9	62.9

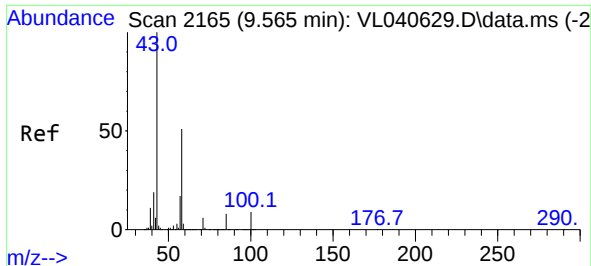


#50
4-Methyl-2-Pentanone
Concen: 10.111 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 43 Resp: 1848516

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.2	43.8

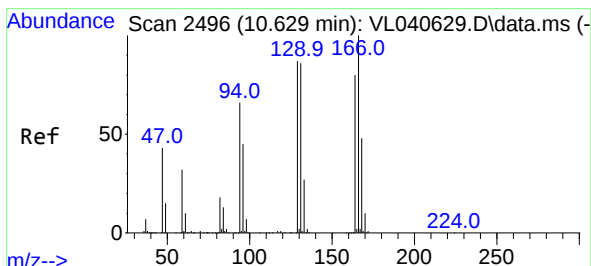
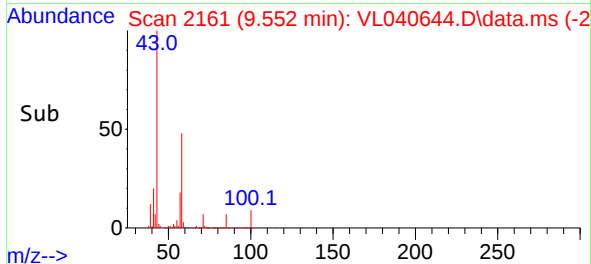
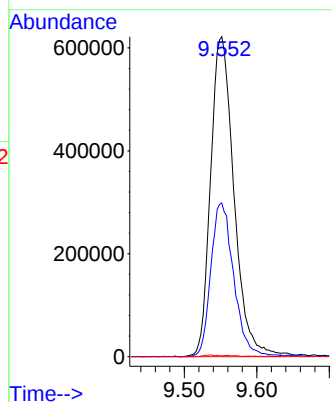
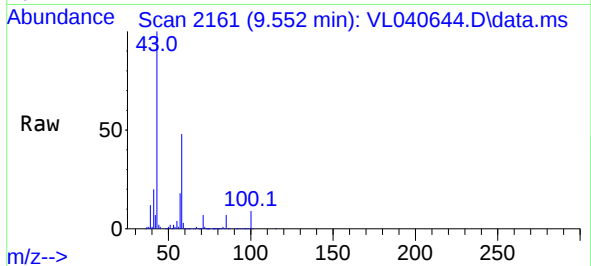




#51
2-Hexanone
Concen: 10.785 ppbv
RT: 9.552 min Scan# 2165
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

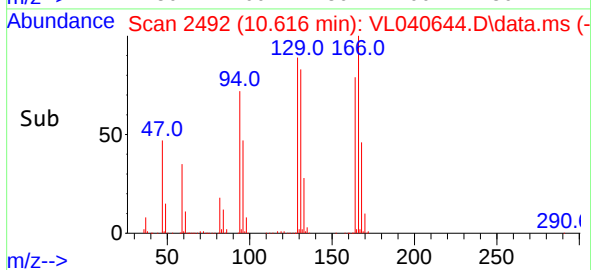
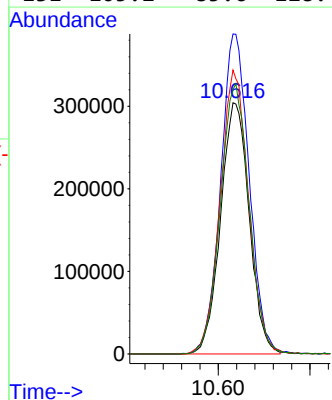
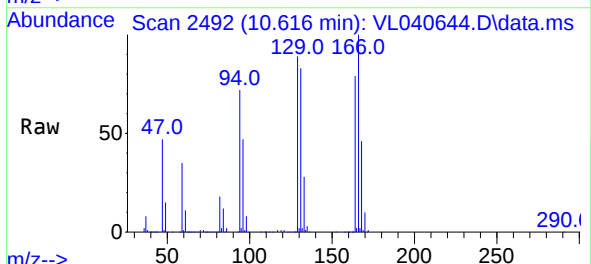
Instrument :
MSVOA_L
ClientSampleId :

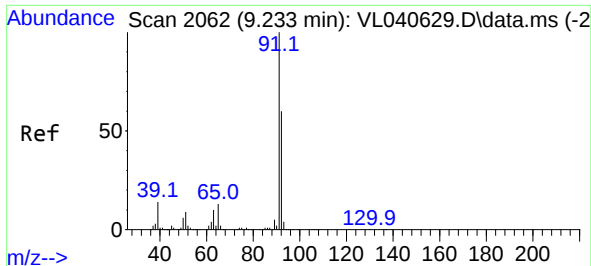
Tgt Ion: 43 Resp: 1389319
Ion Ratio Lower Upper
43 100
58 47.4 39.4 59.2
98 0.3 0.4 0.6#



#52
Tetrachloroethene
Concen: 10.646 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion:164 Resp: 658217
Ion Ratio Lower Upper
164 100
166 127.4 99.5 149.3
129 113.0 86.9 130.3
131 105.2 85.6 128.4

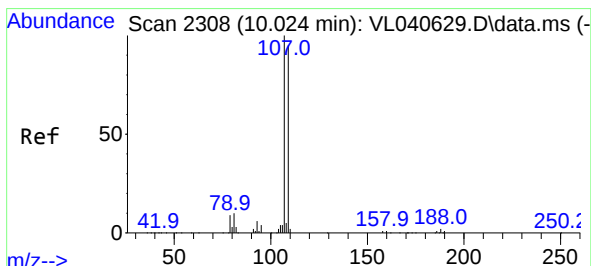
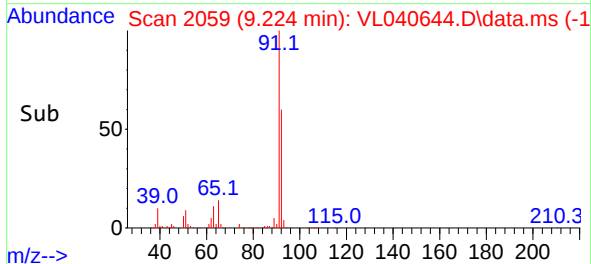
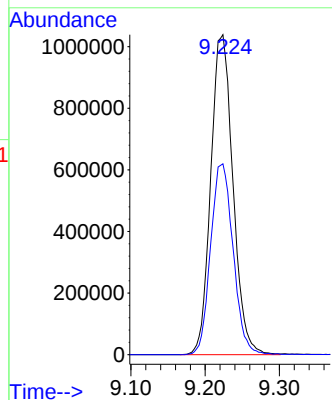
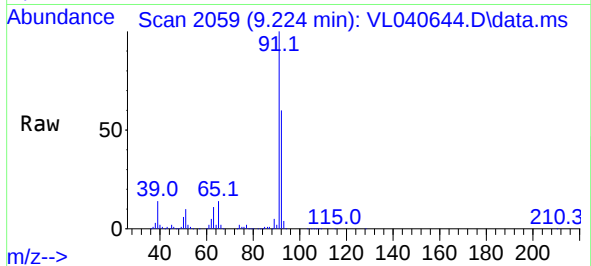




#53
Toluene
Concen: 10.281 ppbv
RT: 9.224 min Scan# 2062
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

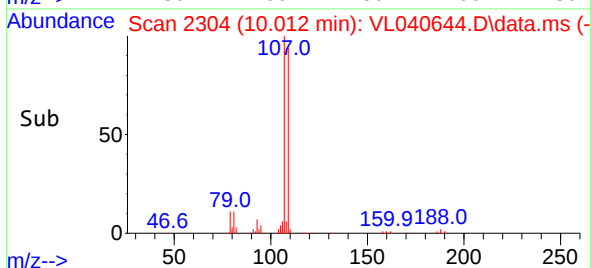
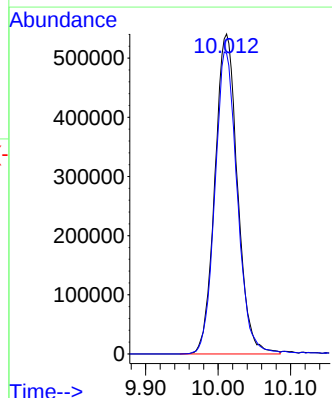
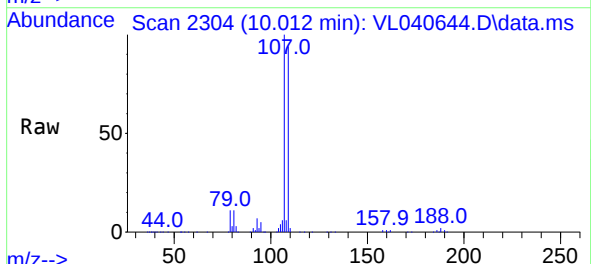
Instrument :
MSVOA_L
ClientSampleId :

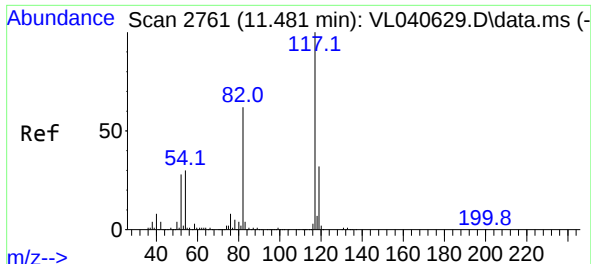
Tgt Ion: 91 Resp: 2156920
Ion Ratio Lower Upper
91 100
92 60.6 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.855 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

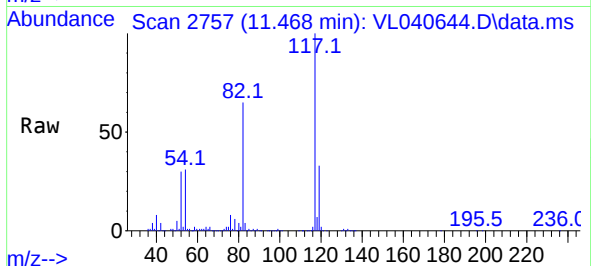
Tgt Ion:107 Resp: 1172639
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5



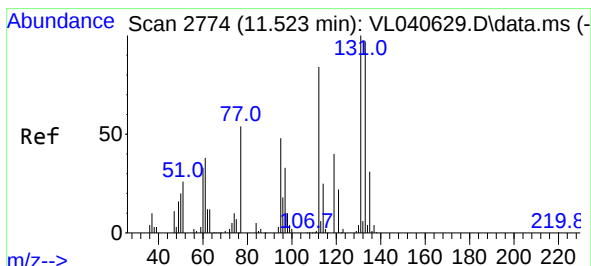
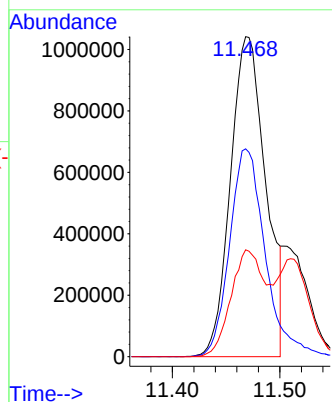
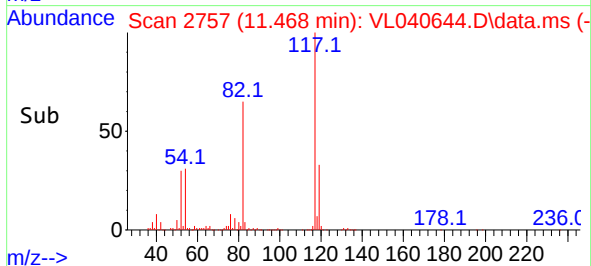


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

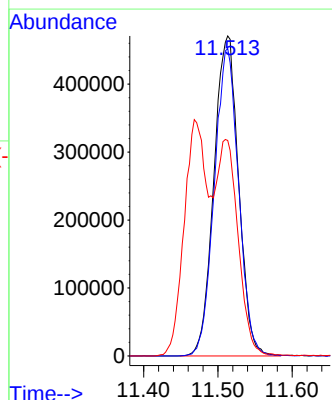
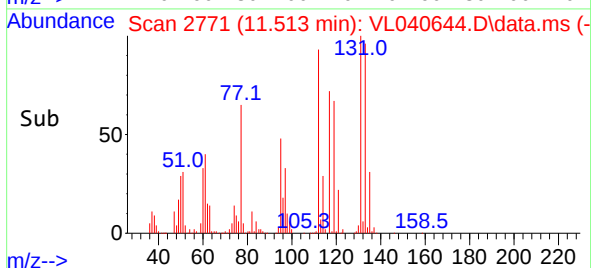
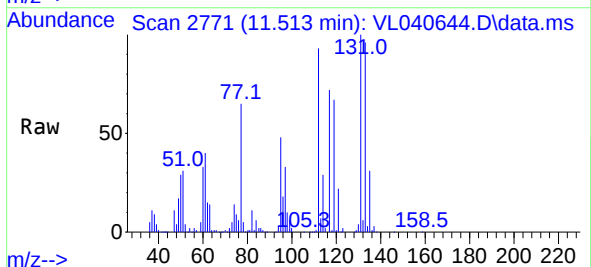


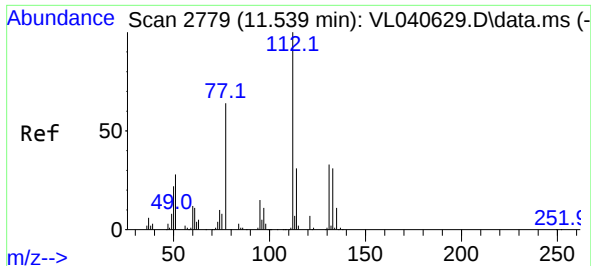
Tgt Ion:117 Resp: 2375217
Ion Ratio Lower Upper
117 100
82 66.1 49.5 74.3
119 29.7 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 9.892 ppbv
RT: 11.513 min Scan# 2771
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

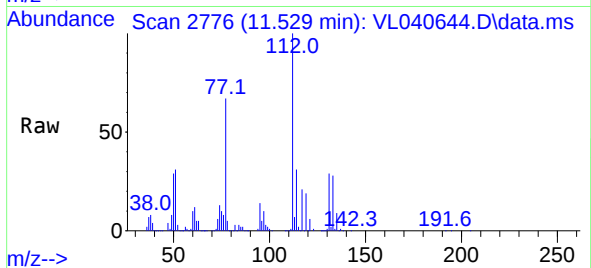
Tgt Ion:131 Resp: 1087106
Ion Ratio Lower Upper
131 100
133 94.6 75.4 113.0
119 58.4 51.0 76.6



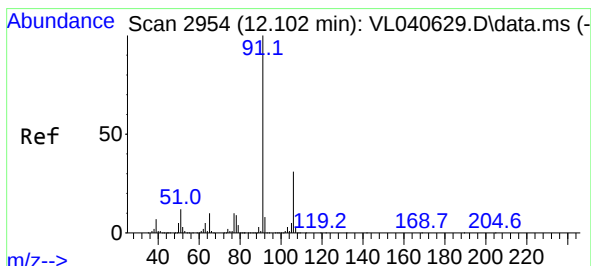
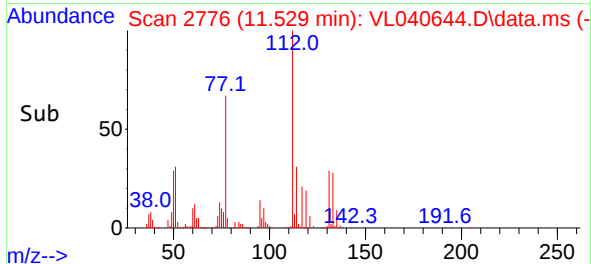
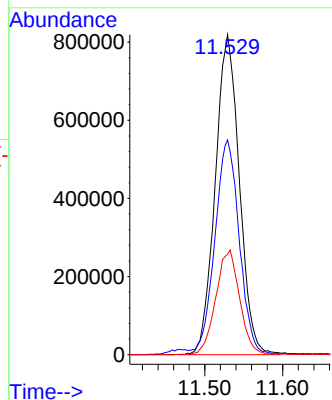


#57
Chlorobenzene
Concen: 9.594 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

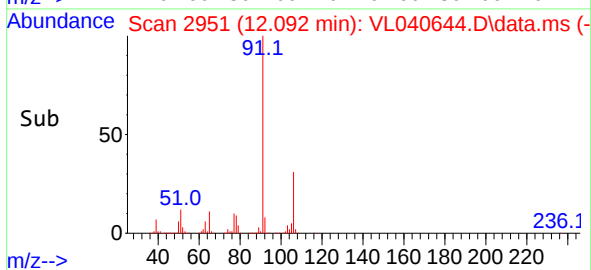
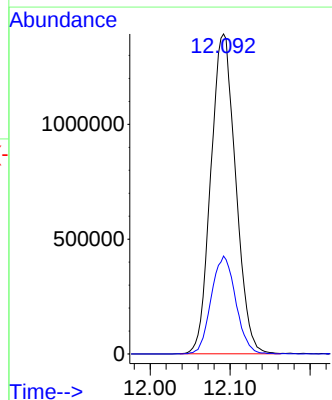
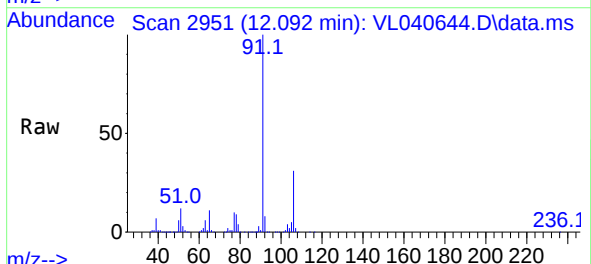


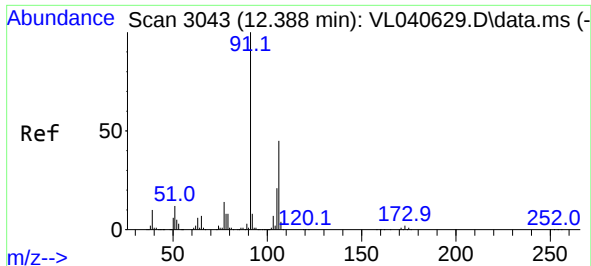
Tgt Ion:112 Resp: 1758711
Ion Ratio Lower Upper
112 100
77 66.7 52.5 78.7
114 31.3 27.8 34.0



#58
Ethyl Benzene
Concen: 10.490 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 91 Resp: 3004453
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8

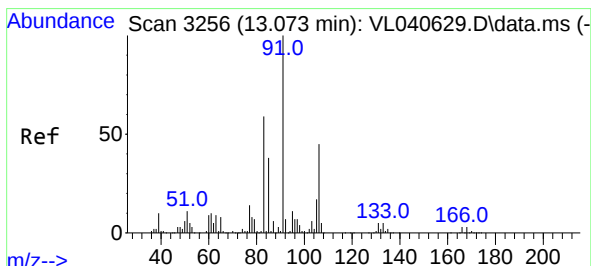
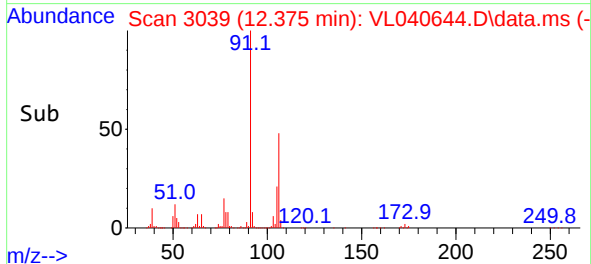
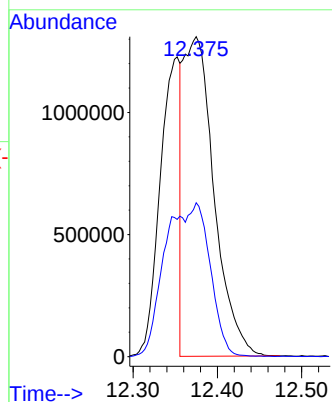
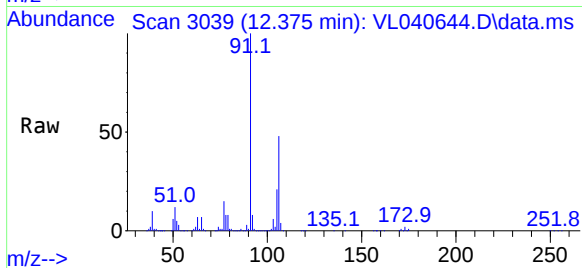




#59
m/p-Xylene
Concen: 12.673 ppbv
RT: 12.375 min Scan# 3043
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

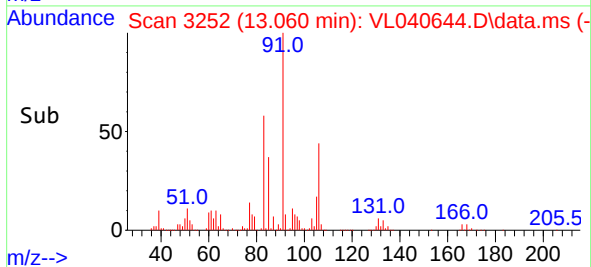
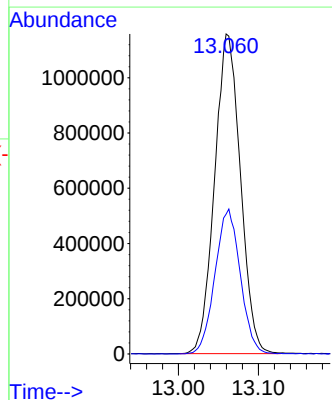
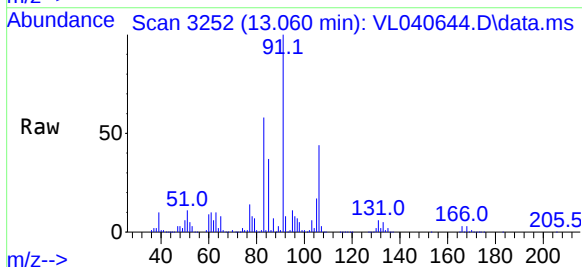
Instrument :
MSVOA_L
ClientSampleId :

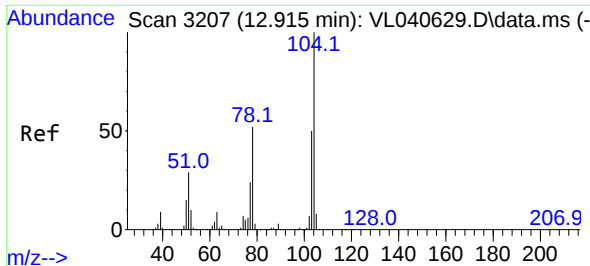
Tgt Ion: 91 Resp: 3311015
Ion Ratio Lower Upper
91 100
106 70.7 35.3 52.9#



#60
o-Xylene
Concen: 10.470 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

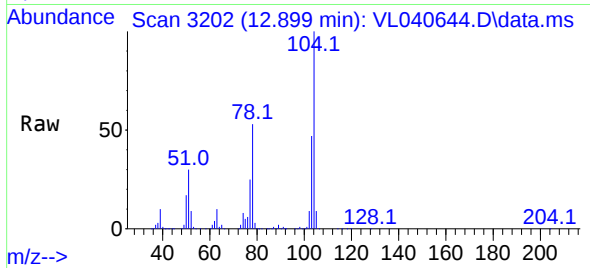
Tgt Ion: 91 Resp: 2592846
Ion Ratio Lower Upper
91 100
106 44.5 22.5 67.5



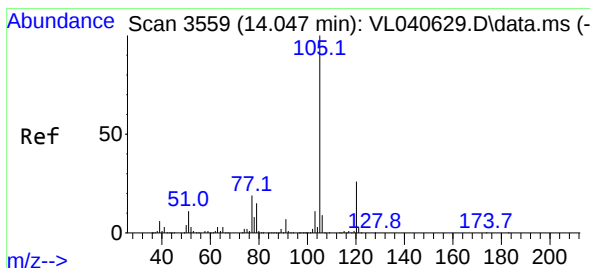
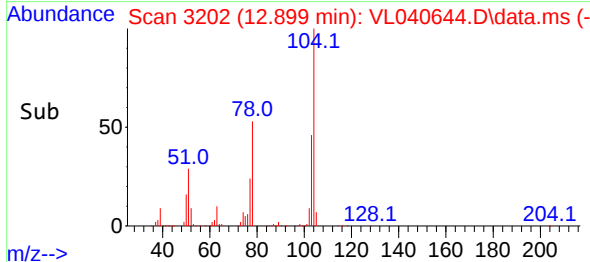
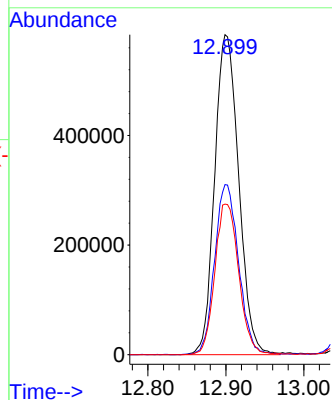


#61
Styrene
Concen: 11.557 ppbv
RT: 12.899 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

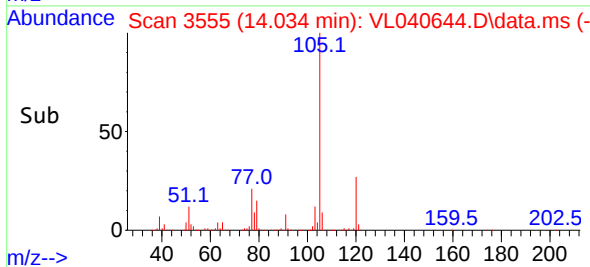
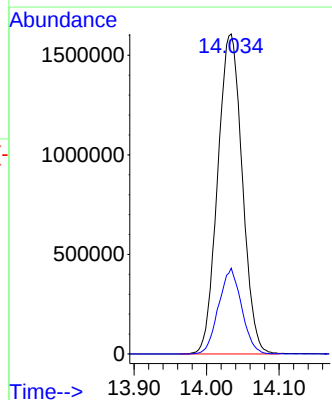
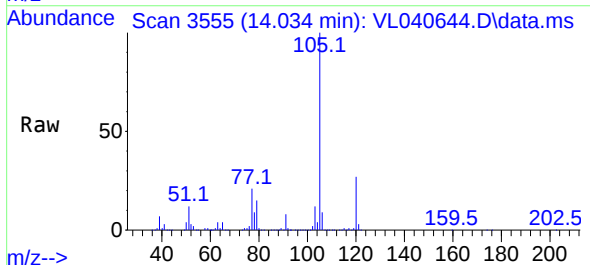


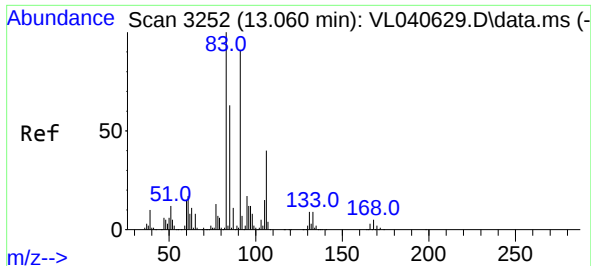
Tgt Ion:104 Resp: 1253980
Ion Ratio Lower Upper
104 100
78 53.2 41.0 61.4
103 47.0 37.3 55.9



#62
Isopropylbenzene
Concen: 10.089 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion:105 Resp: 3781237
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5

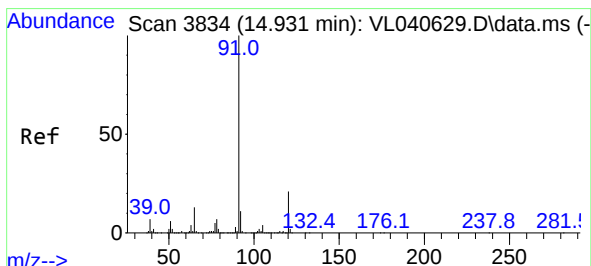
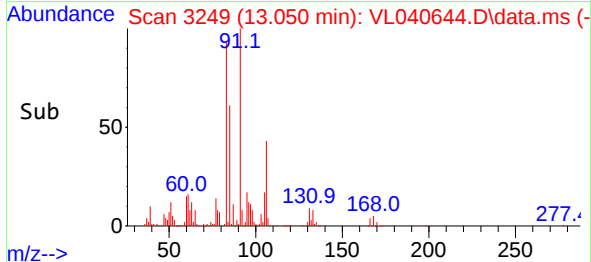
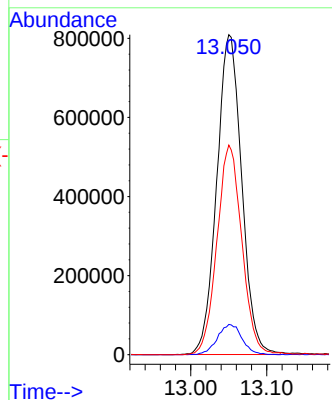
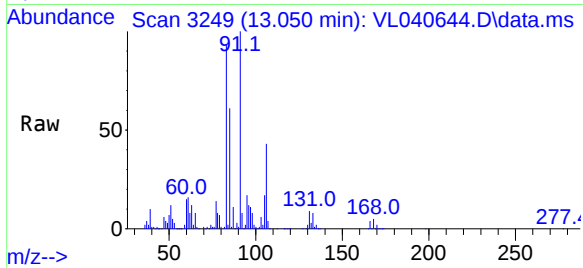




#63
1,1,2,2-Tetrachloroethane
Concen: 9.942 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

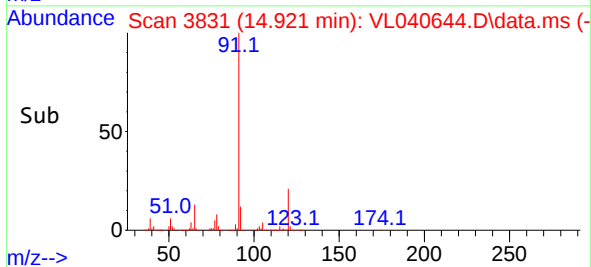
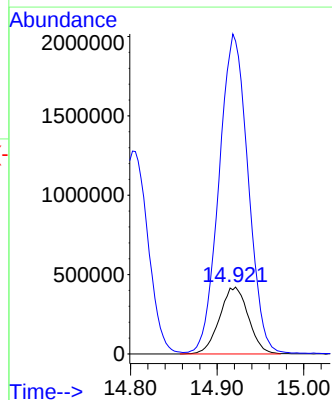
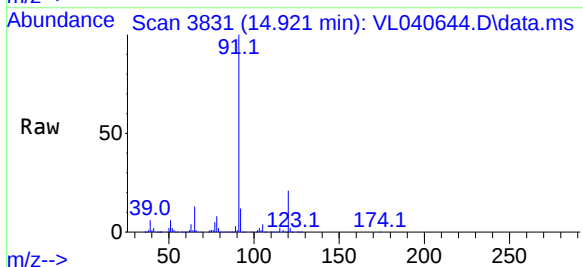
Instrument :
MSVOA_L
ClientSampleId :

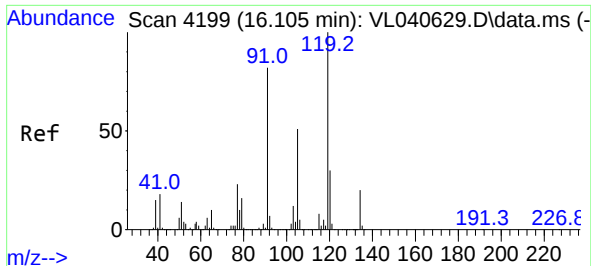
Tgt Ion: 83 Resp: 1843919
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 65.4 32.4 97.2



#64
n-propylbenzene
Concen: 10.254 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 120 Resp: 971273
Ion Ratio Lower Upper
120 100
91 485.7 387.8 581.8

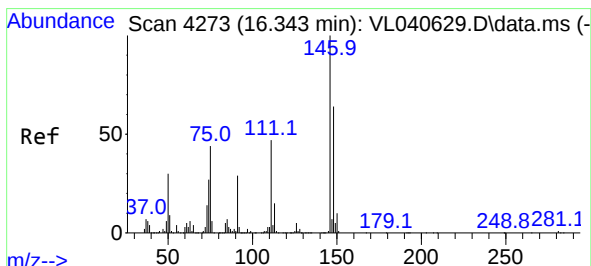
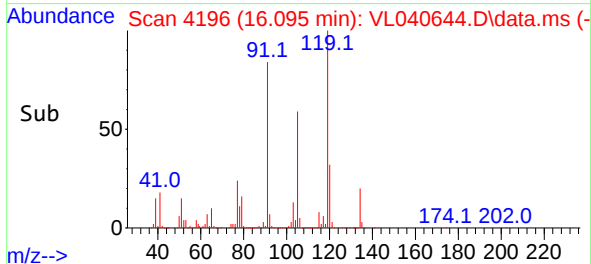
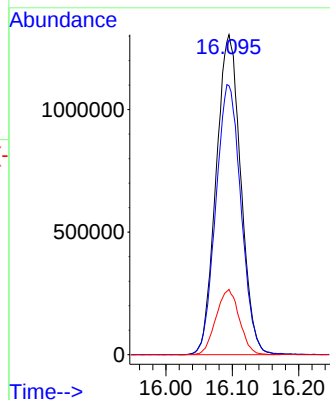
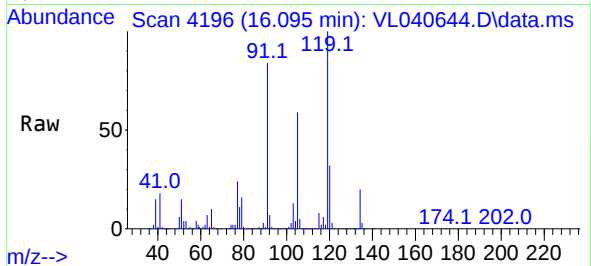




#65
tert-Butylbenzene
Concen: 10.370 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

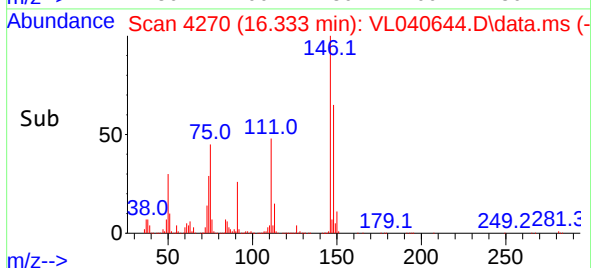
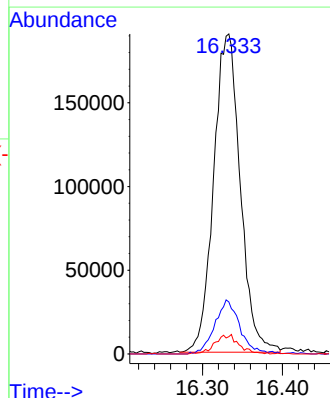
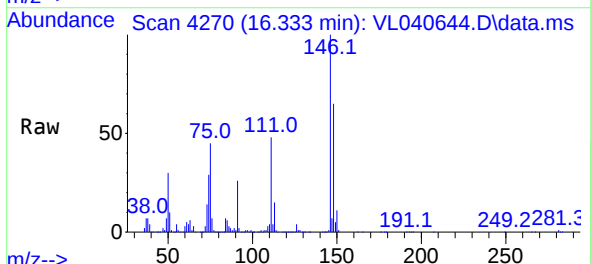
Instrument :
MSVOA_L
ClientSampleId :

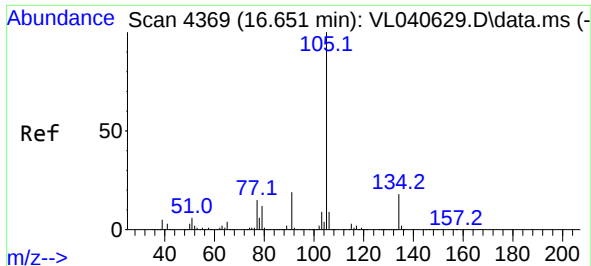
Tgt Ion:119 Resp: 3368417
Ion Ratio Lower Upper
119 100
91 86.4 67.8 101.6
134 19.4 15.7 23.5



#66
Benzyl Chloride
Concen: 10.761 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 91 Resp: 439560
Ion Ratio Lower Upper
91 100
126 16.2 13.6 20.4
128 5.4 4.3 6.5

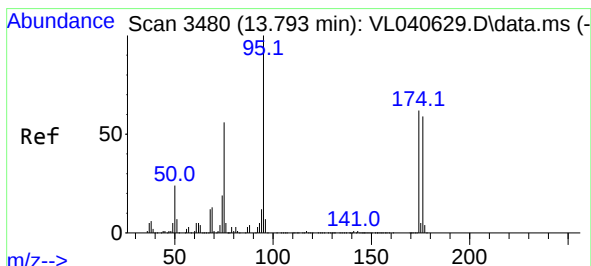
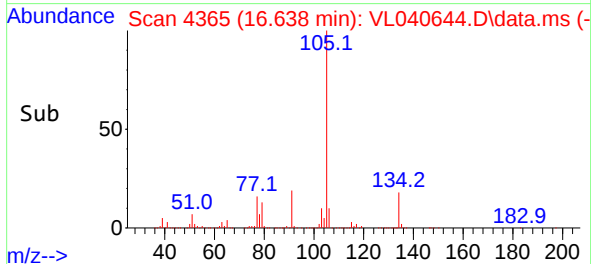
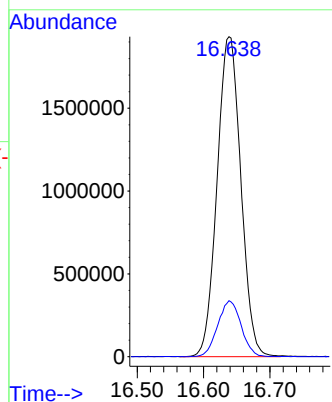
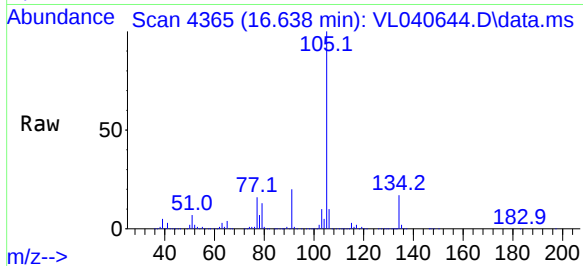




#67
 sec-Butylbenzene
 Concen: 10.129 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

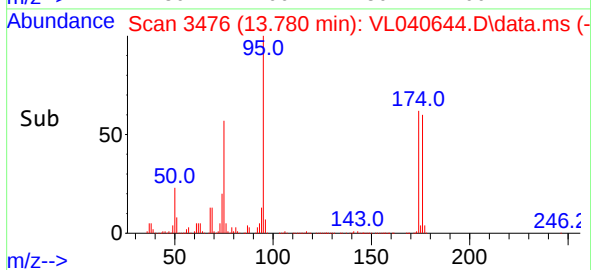
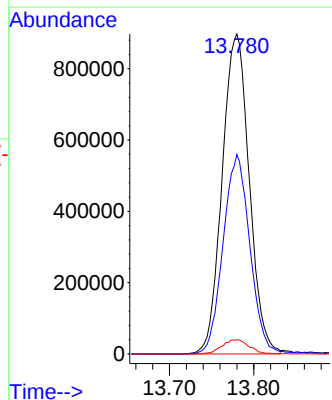
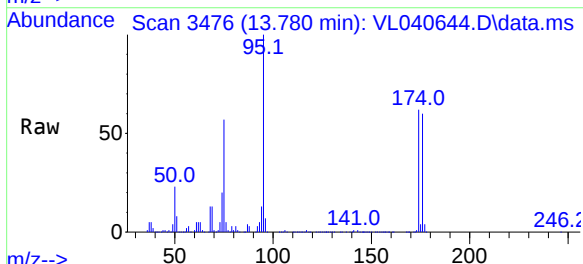
Instrument :
 MSVOA_L
 ClientSampleId :

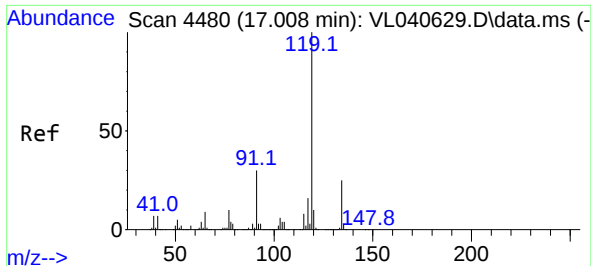
Tgt Ion:105 Resp: 4800031
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.584 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.013 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

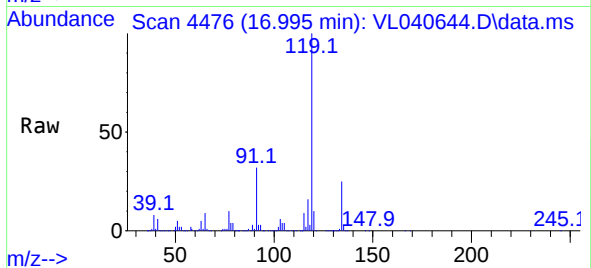
Tgt Ion: 95 Resp: 1999345
 Ion Ratio Lower Upper
 95 100
 174 62.3 49.1 73.7
 175 4.5 3.7 5.5





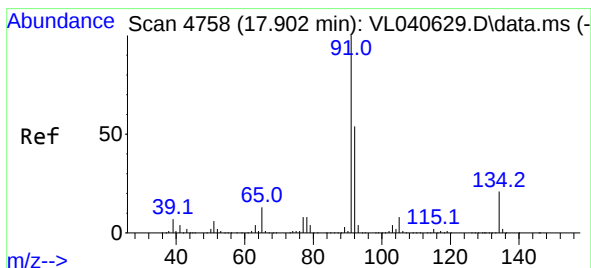
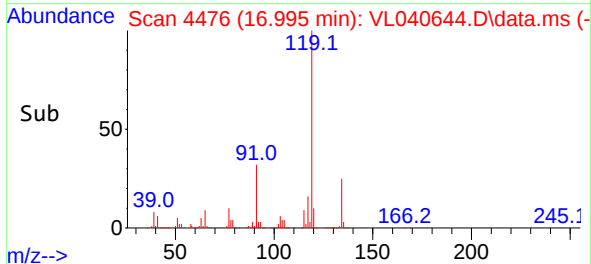
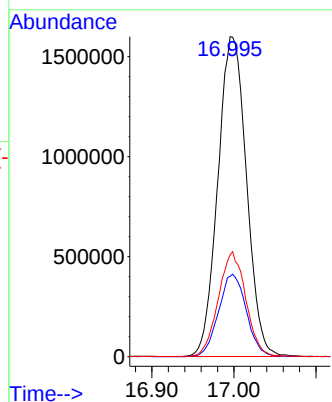
#69
p-Isopropyltoluene
Concen: 10.455 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:119 Resp: 3876942

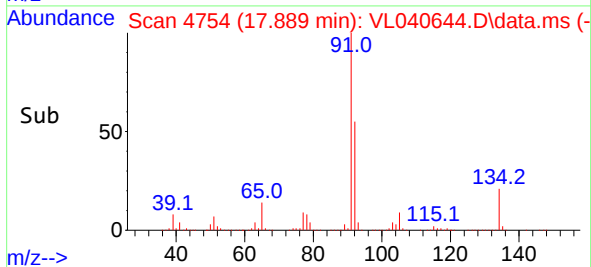
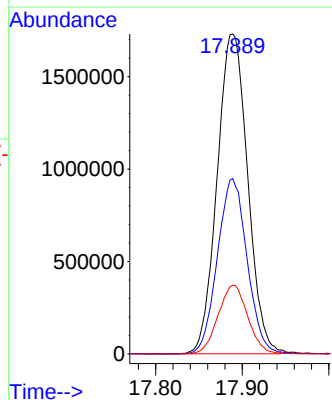
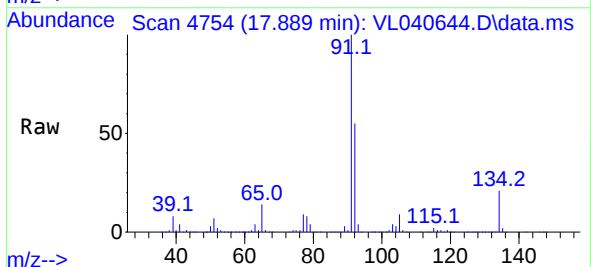
Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.2	30.4
91	31.5	24.2	36.4

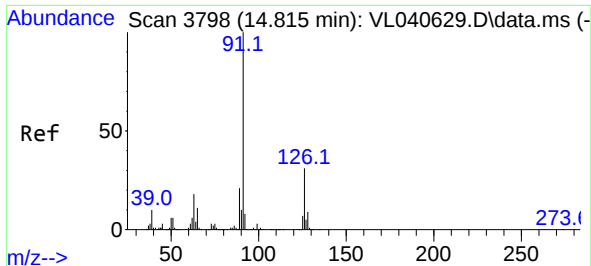


#70
n-Butylbenzene
Concen: 10.459 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion: 91 Resp: 4234116

Ion	Ratio	Lower	Upper
91	100		
92	53.5	42.9	64.3
134	21.0	17.0	25.6

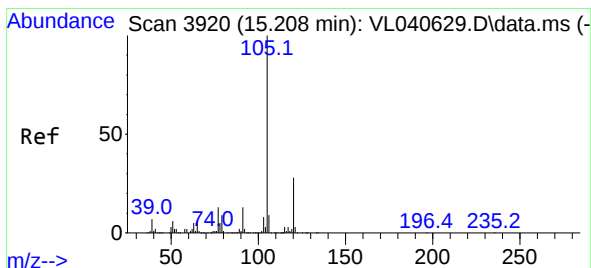
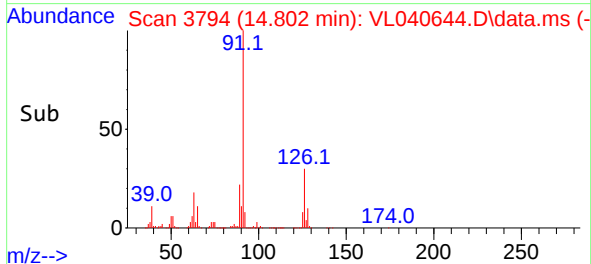
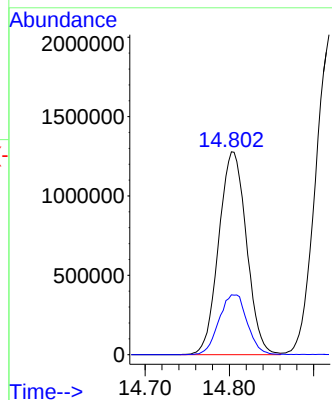
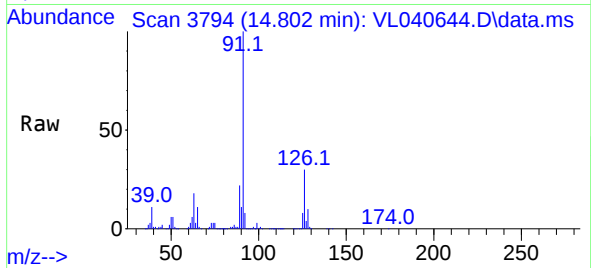




#71
2-Chlorotoluene
Concen: 10.513 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

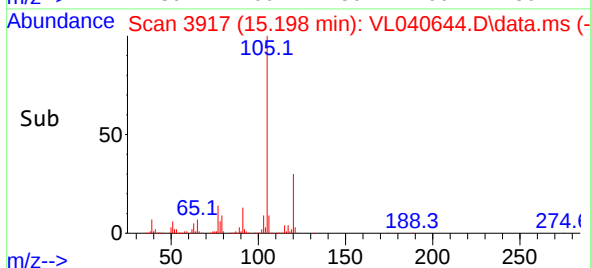
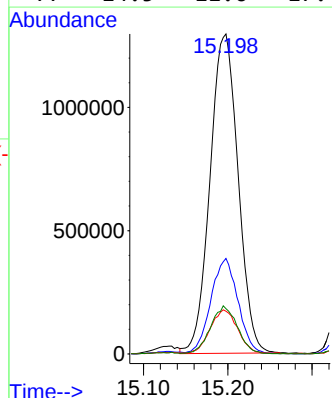
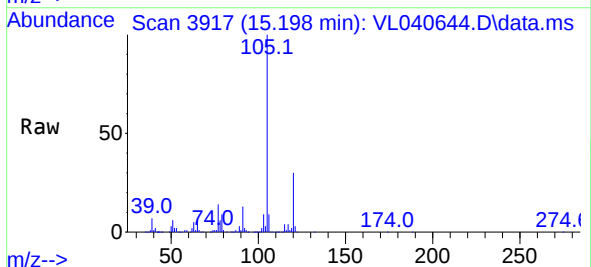
Instrument :
MSVOA_L
ClientSampleId :

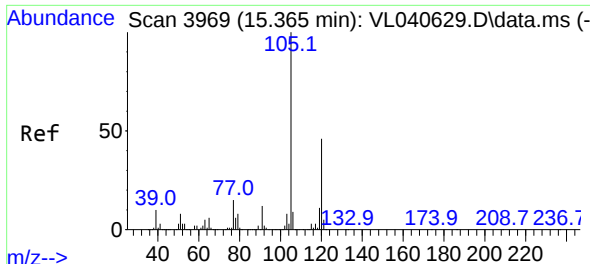
Tgt Ion: 91 Resp: 2923347
Ion Ratio Lower Upper
91 100
126 30.0 12.2 49.0



#72
4-Ethyltoluene
Concen: 10.740 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion:105 Resp: 3002434
Ion Ratio Lower Upper
105 100
120 29.8 23.0 34.6
91 13.6 10.9 16.3
77 14.5 11.6 17.4

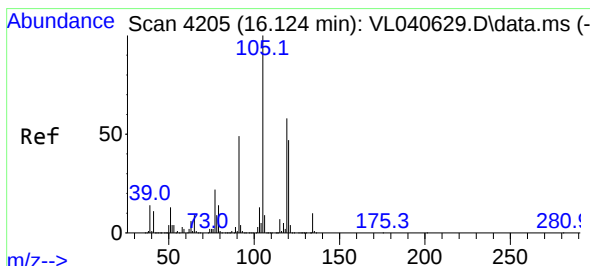
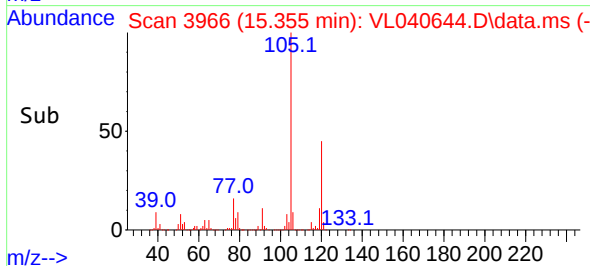
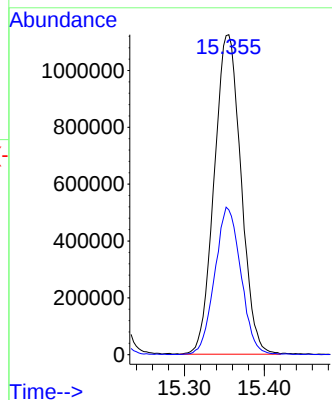
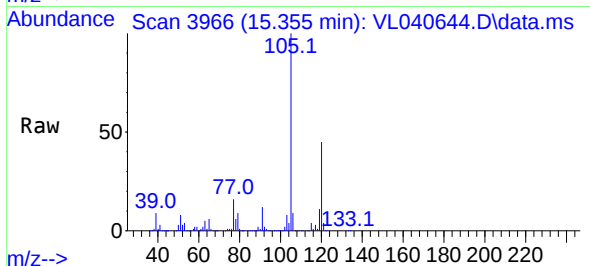




#73
1,3,5-Trimethylbenzene
Concen: 10.455 ppbv
RT: 15.355 min Scan# 3969
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

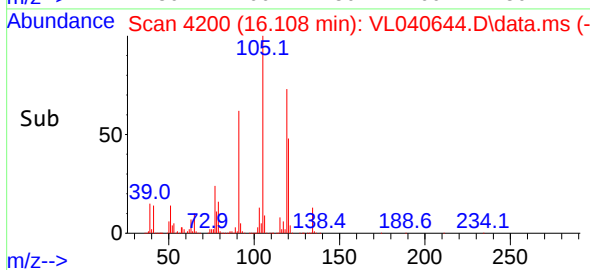
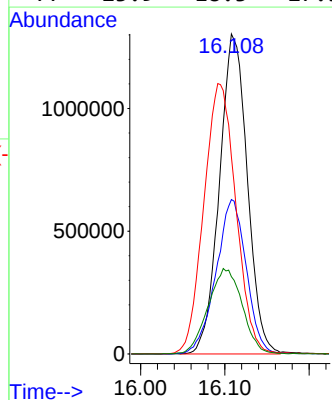
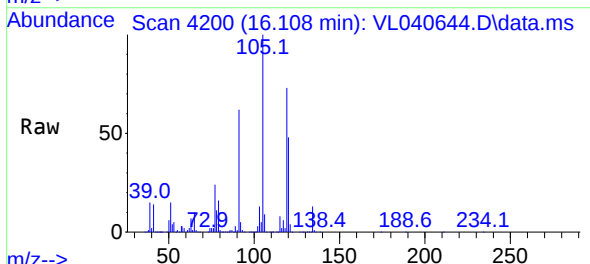
Instrument :
MSVOA_L
ClientSampleId :

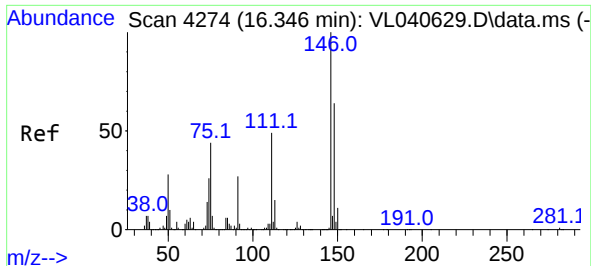
Tgt Ion:105 Resp: 2612608
Ion Ratio Lower Upper
105 100
120 45.2 36.5 54.7



#74
1,2,4-Trimethylbenzene
Concen: 10.240 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.016 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Tgt Ion:105 Resp: 2988367
Ion Ratio Lower Upper
105 100
120 48.0 37.7 56.5
91 61.2 41.2 61.8
77 23.9 18.3 27.5

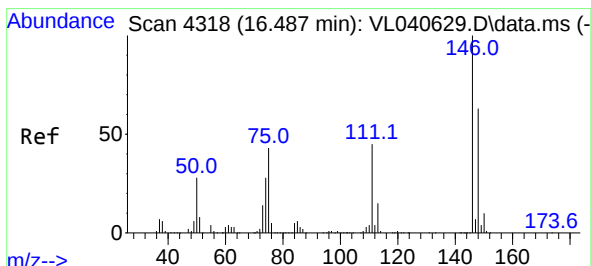
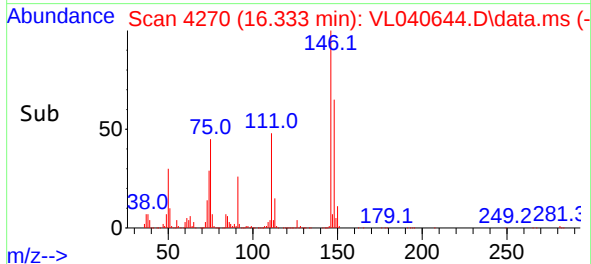
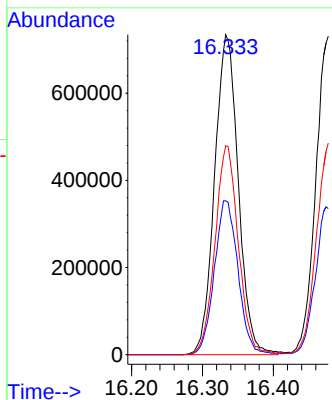
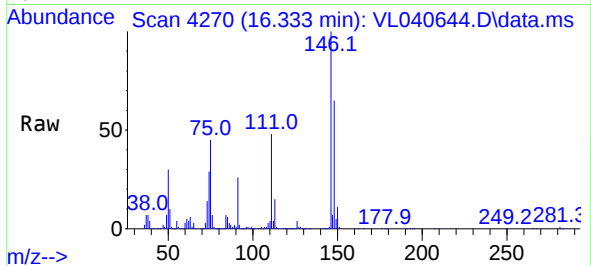




#75
1,3-Dichlorobenzene
Concen: 10.111 ppbv
RT: 16.333 min Scan# 4315
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

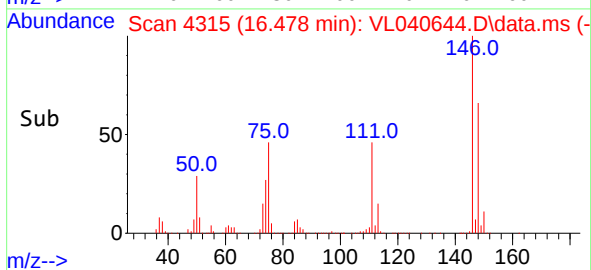
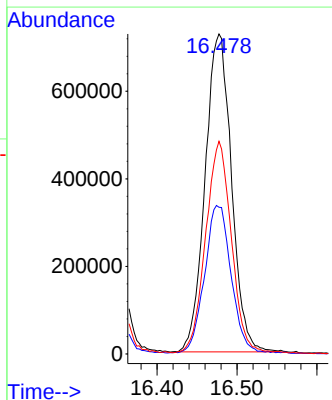
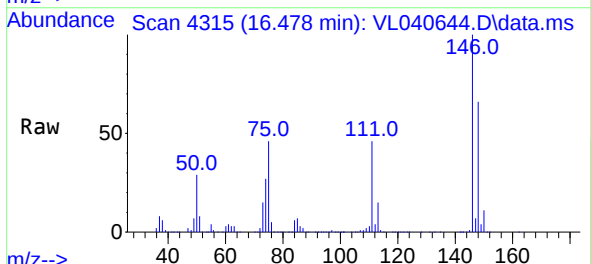
Instrument :
MSVOA_L
ClientSampleId :

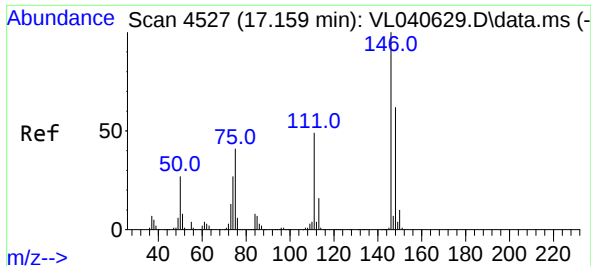
Tgt Ion:146 Resp: 1706126
Ion Ratio Lower Upper
146 100
111 48.3 23.7 71.1
148 64.5 31.7 95.1



#76
1,4-Dichlorobenzene
Concen: 10.092 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

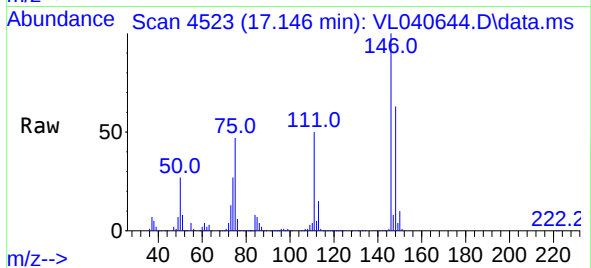
Tgt Ion:146 Resp: 1664721
Ion Ratio Lower Upper
146 100
111 47.8 23.2 69.5
148 66.0 32.5 97.5



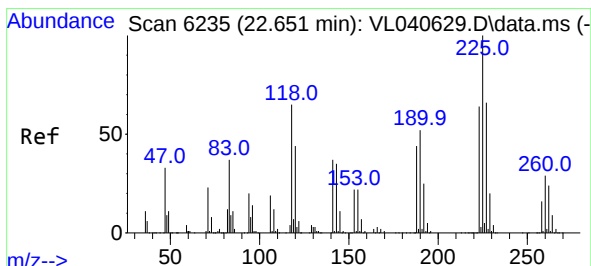
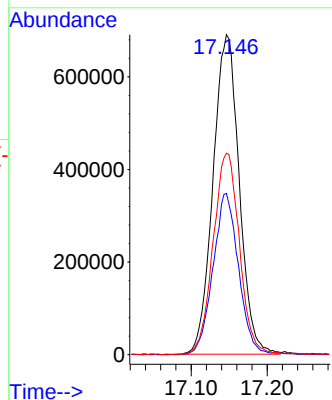
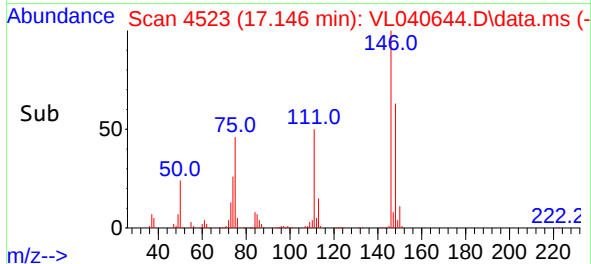


#77
1,2-Dichlorobenzene
Concen: 9.938 ppbv
RT: 17.146 min Scan# 4523
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

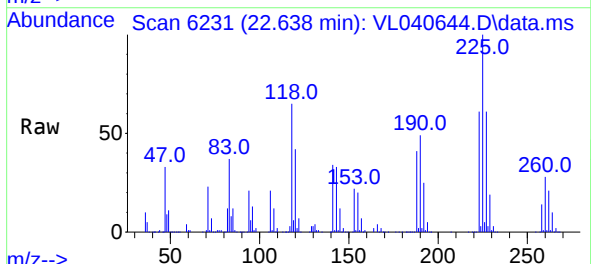
Instrument :
MSVOA_L
ClientSampleId :



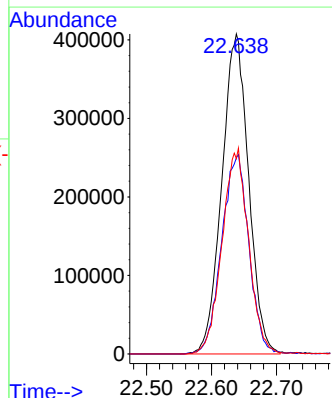
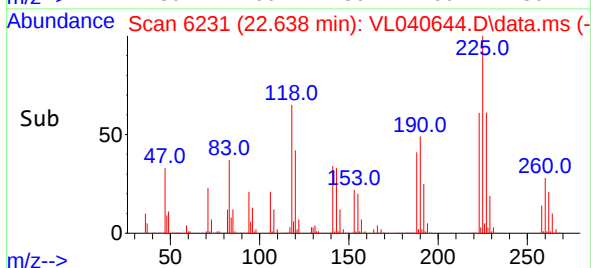
Tgt Ion:146 Resp: 1649988
Ion Ratio Lower Upper
146 100
111 49.5 24.6 74.0
148 63.5 32.1 96.5

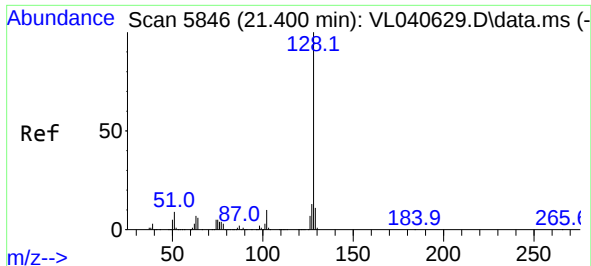


#78
Hexachloro-1,3-Butadiene
Concen: 9.252 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04



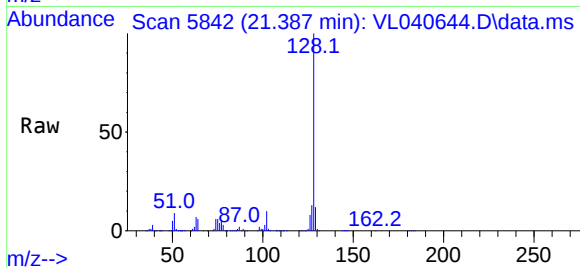
Tgt Ion:225 Resp: 1165409
Ion Ratio Lower Upper
225 100
223 63.5 50.6 76.0
227 63.8 51.2 76.8



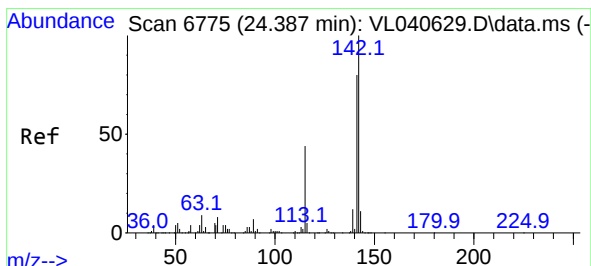
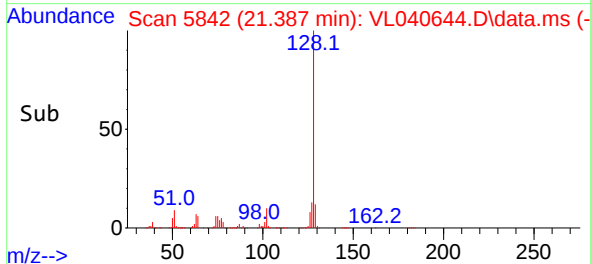
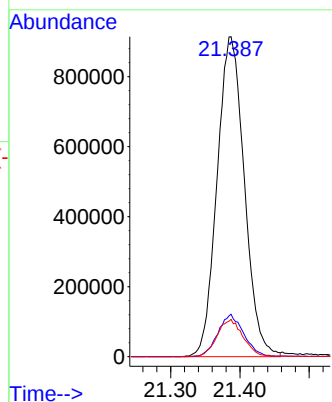


#79
Naphthalene
Concen: 12.971 ppbv
RT: 21.387 min Scan# 5846
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

Instrument :
MSVOA_L
ClientSampleId :

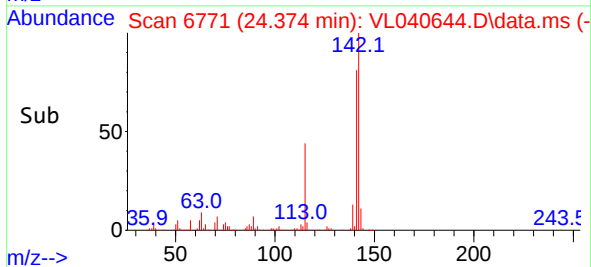
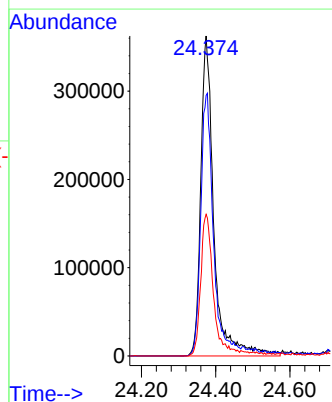
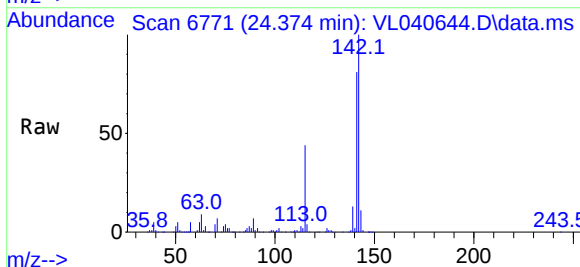


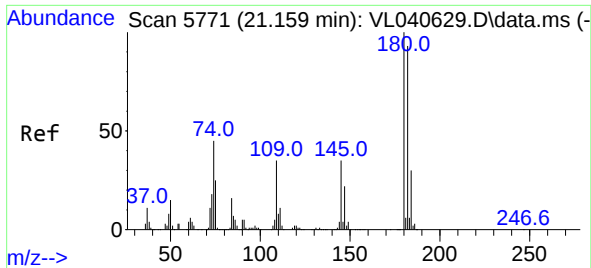
Tgt Ion:128 Resp: 2500006
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.6 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 16.013 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.013 min
Lab File: VL040644.D
Acq: 5 Sep 2023 12:04

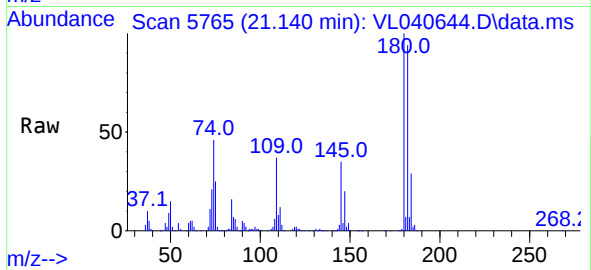
Tgt Ion:142 Resp: 888137
Ion Ratio Lower Upper
142 100
141 82.0 64.6 96.8
115 44.4 33.7 50.5





#81
 1,2,4-Trichlorobenzene
 Concen: 10.997 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. -0.019 min
 Lab File: VL040644.D
 Acq: 5 Sep 2023 12:04

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1395048

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.0	117.0
184	30.8	24.6	36.8

