

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041720.D
 Acq On : 11 Dec 2024 14:43
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:15:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 12 13:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	277626	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	1385343	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	1295180	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	856439	10.059	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	97905	2.009	ppbv	99
3) Chlorodifluoromethane	1.476	51	79172	2.095	ppbv	99
4) Chloromethane	1.534	50	24588	1.901	ppbv	97
5) Vinyl Chloride	1.580	62	29104	1.838	ppbv	96
6) Bromomethane	1.670	94	19786	1.905	ppbv	96
7) Chloroethane	1.706	64	13082	1.899	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	79386	1.998	ppbv	99
9) Propene	1.482	41	32779	2.034	ppbv	100
10) Heptane	4.991	43	91961	2.064	ppbv	97
11) Trichlorofluoromethane	1.881	101	111944	1.995	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.143	101	100651	1.992	ppbv	99
13) Ethanol	1.722	45	2350	1.763	ppbv	76
14) Bromoethene	1.783	108	36656	1.980	ppbv	98
15) Acetone	1.838	43	66064	2.061	ppbv	98
16) 1,3-Butadiene	1.609	39	20438	1.901	ppbv	96
17) tert-Butyl alcohol	2.042	59	91232	1.963	ppbv	100
18) 1,1-Dichloroethene	2.036	96	45267	1.938	ppbv	95
19) Isopropyl Alcohol	1.887	45	53907	1.770	ppbv	93
20) Methylene Chloride	2.065	84	36561	1.883	ppbv	96
21) Allyl Chloride	2.101	41	35226	1.952	ppbv	99
22) trans-1,2-Dichloroethene	2.343	96	51747	1.935	ppbv	98
23) Vinyl Acetate	2.466	43	50765	2.615	ppbv #	94
24) 1,1-Dichloroethane	2.411	63	70151	1.943	ppbv	98
25) Ethyl Acetate	4.991	43	91961	2.064	ppbv #	97
26) Hexane	2.832	57	90974	2.106	ppbv	99
27) Carbon Disulfide	2.152	76	84774	1.906	ppbv #	87
28) Methyl tert-Butyl Ether	2.444	73	61139	1.885	ppbv	97
29) Chloroform	2.855	83	138157	2.089	ppbv	96
30) Cyclohexane	3.865	84	100415	2.068	ppbv	98
31) cis-1,2-Dichloroethene	2.725	61	83799	2.093	ppbv	99
32) 1,1,1-Trichloroethane	3.376	97	134846	2.073	ppbv	99
34) 2-Butanone	2.563	43	100854	2.079	ppbv	100
35) Carbon Tetrachloride	3.771	117	136519	2.116	ppbv	97
36) Benzene	3.664	78	224948	2.065	ppbv	98
37) 1,2-Dichloroethane	3.224	62	81628	2.075	ppbv	99
38) Trichloroethene	4.557	130	117701	2.084	ppbv	97
39) 1,2-Dichloropropane	4.324	63	72887	2.100	ppbv	99
40) 1,4-Dioxane	4.606	88	42986	2.053	ppbv #	59
41) Tetrahydrofuran	3.065	42	60168	2.058	ppbv	99
42) Bromodichloromethane	4.499	83	131836	2.075	ppbv	99
43) Methyl Methacrylate	4.894	69	82875	2.112	ppbv	100
44) 2,2,4-Trimethylpentane	4.651	57	316508	2.088	ppbv	99
45) t-1,3-Dichloropropene	6.428	75	90924	2.367	ppbv	97

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Quant Time: Dec 12 13:15:20 2024
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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 Dec 12 13:14:06 2024
 Response via : Initial Calibration

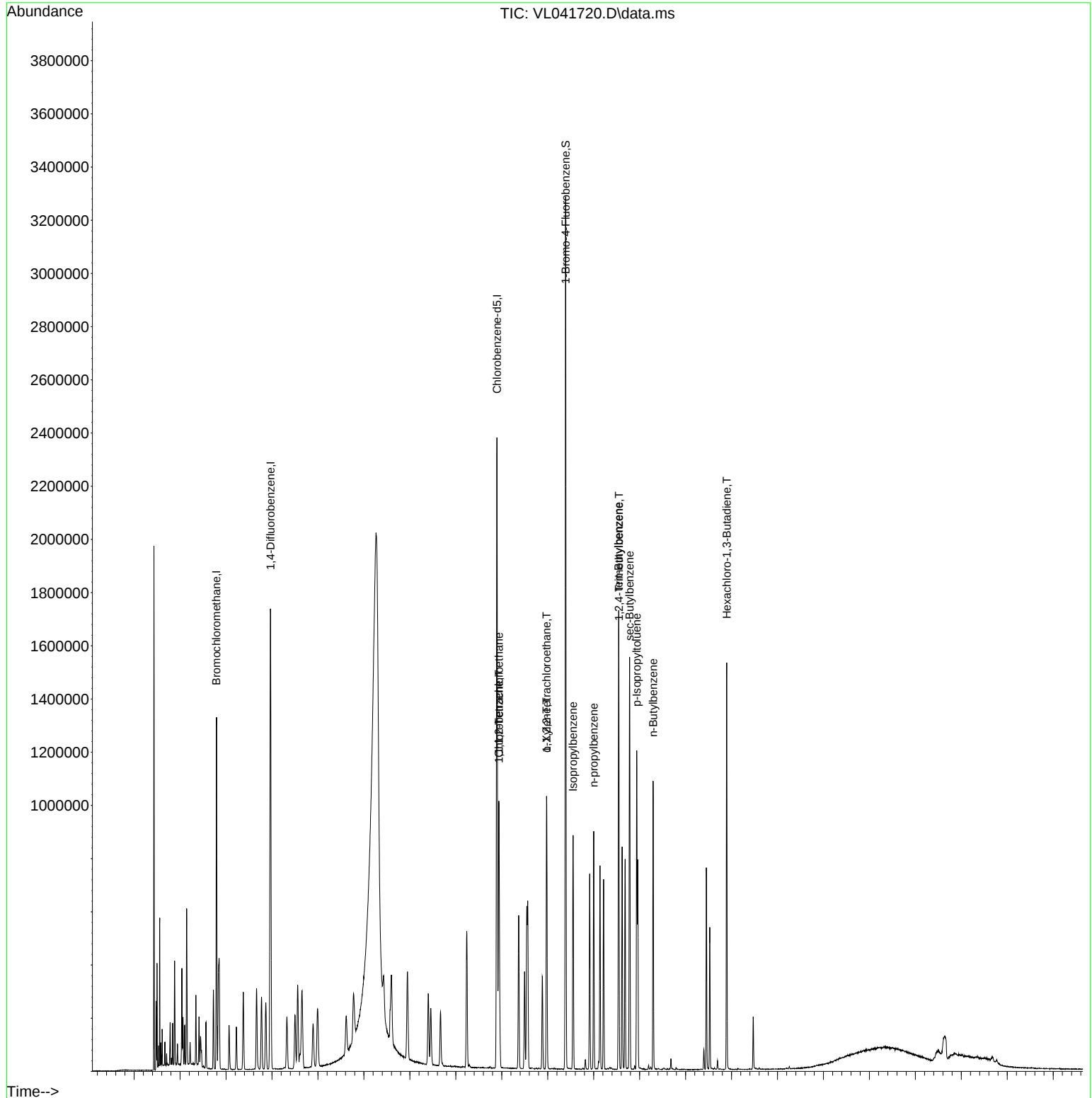
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	109667	2.157	ppbv	96
47) 1,1,2-Trichloroethane	6.596	97	101637	2.199	ppbv	98
48) Dibromochloromethane	7.402	129	155515	2.335	ppbv	100
49) Bromoform	9.496	173	145788	2.288	ppbv	98
50) 4-Methyl-2-Pentanone	5.774	43	153134	2.201	ppbv	99
51) 2-Hexanone	7.454	43	131059	2.290	ppbv #	100
52) Tetrachloroethene	8.237	164	120747	2.092	ppbv	96
53) Toluene	6.949	91	292341	2.184	ppbv	100
54) 1,2-Dibromoethane	7.668	107	140215	2.219	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	128450	2.133	ppbv	95
57) Chlorobenzene	8.936	112	247207	2.098	ppbv	98
58) Ethyl Benzene	9.367	91	373274	2.154	ppbv	99
59) m/p-Xylene	9.564	91	263728	1.986	ppbv #	15
60) o-Xylene	9.975	91	278836	2.117	ppbv	99
61) Styrene	9.885	104	156919	2.159	ppbv	100
62) Isopropylbenzene	10.552	105	468688	2.157	ppbv	97
63) 1,1,1,2-Tetrachloroethane	9.975	83	180232	2.115	ppbv	100
64) n-propylbenzene	11.001	120	136665	2.137	ppbv	93
65) tert-Butylbenzene	11.542	119	443437	2.153	ppbv	99
66) Benzyl Chloride	10.914	91	314226	2.128	ppbv	99
67) sec-Butylbenzene	11.778	105	584643	2.193	ppbv	99
69) p-Isopropyltoluene	11.937	119	503847	2.191	ppbv	97
70) n-Butylbenzene	12.293	91	413520	2.167	ppbv	98
71) 2-Chlorotoluene	10.914	91	314226	2.128	ppbv	98
72) 4-Ethyltoluene	11.137	105	363629	2.138	ppbv	99
73) 1,3,5-Trimethylbenzene	11.215	105	289211	2.102	ppbv	100
74) 1,2,4-Trimethylbenzene	11.548	105	317920	2.126	ppbv	94
75) 1,3-Dichlorobenzene	11.620	146	252474	2.113	ppbv	99
76) 1,4-Dichlorobenzene	11.684	146	248692	2.107	ppbv	100
77) 1,2-Dichlorobenzene	11.959	146	238217	2.105	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	211434	2.273	ppbv	99
79) Naphthalene	13.526	128	292520	2.285	ppbv	98
80) Naphthalene,2-methyl-	14.471	142	71957	1.554	ppbv	99
81) 1,2,4-Trichlorobenzene	13.452	180	168514	2.091	ppbv	99

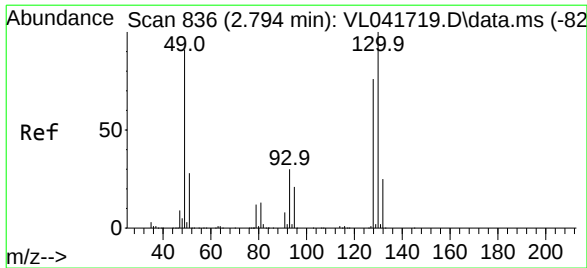
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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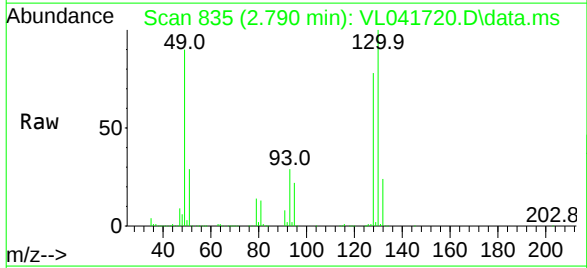
Quant Time: Dec 12 13:15:20 2024
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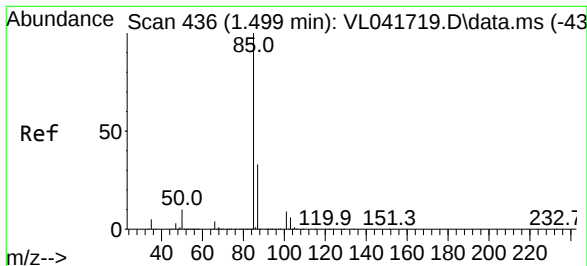
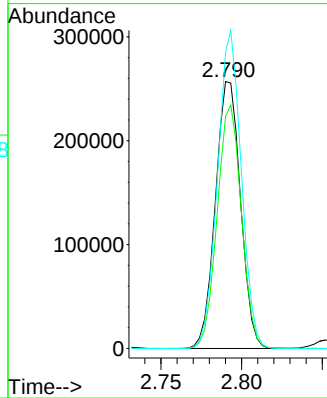
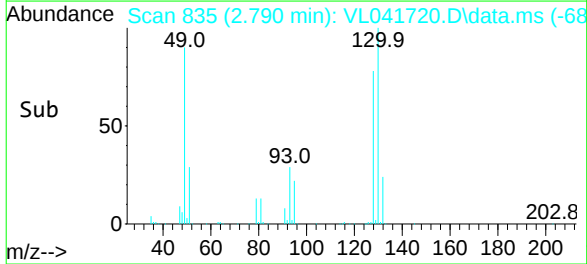


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 836
Delta R.T. -0.004 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

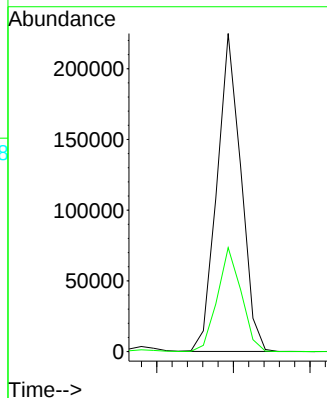
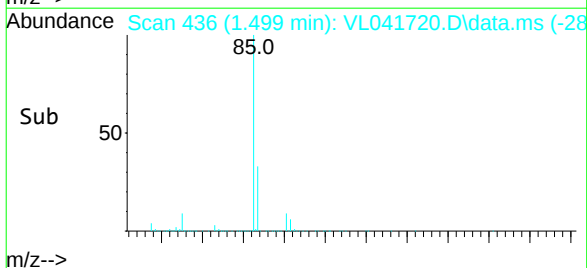
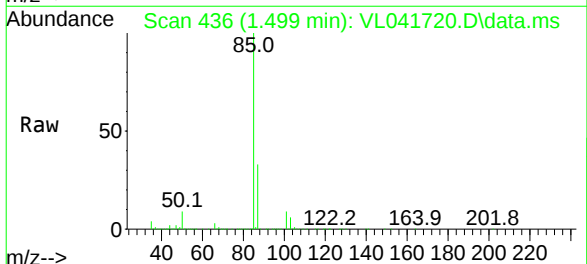


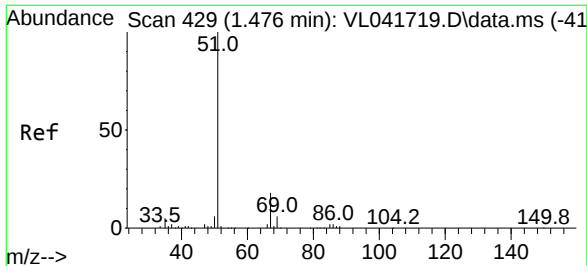
Tgt Ion: 49 Resp: 277626
Ion Ratio Lower Upper
49 100
128 88.1 42.8 128.3
130 112.7 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 2.009 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

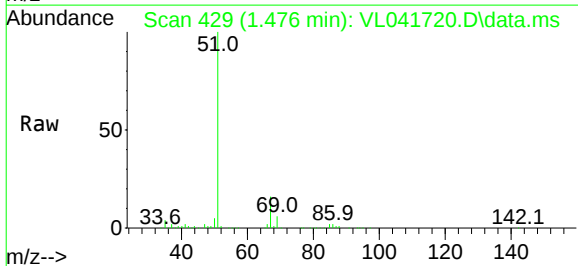
Tgt Ion: 85 Resp: 97905
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8



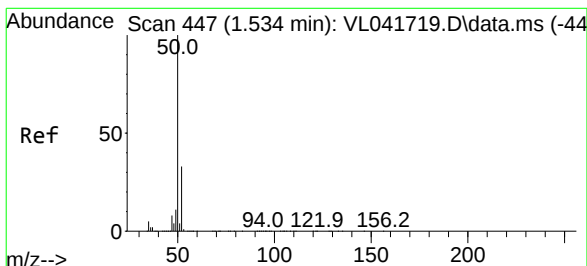
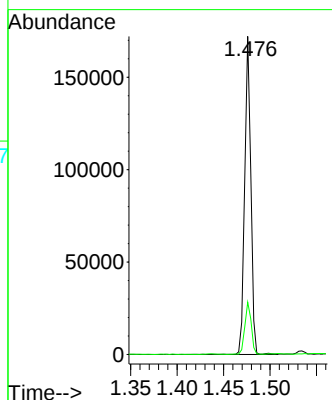
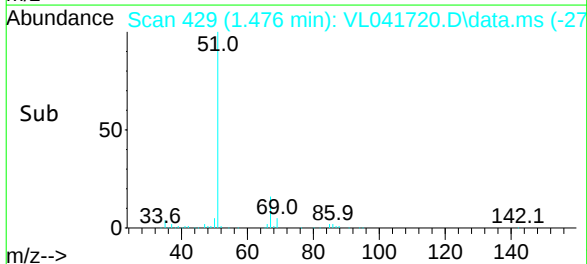


#3
Chlorodifluoromethane
Concen: 2.095 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

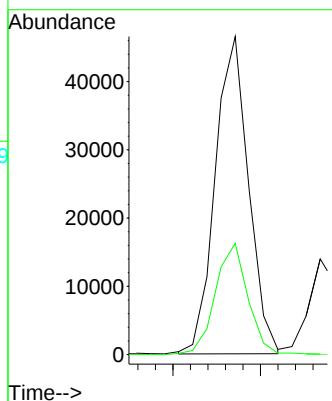
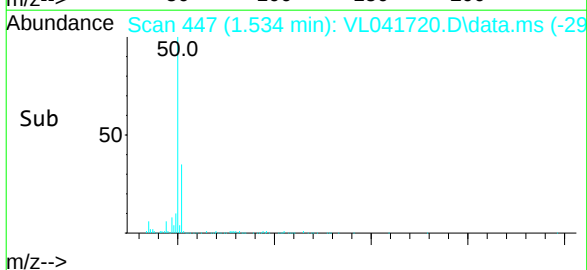
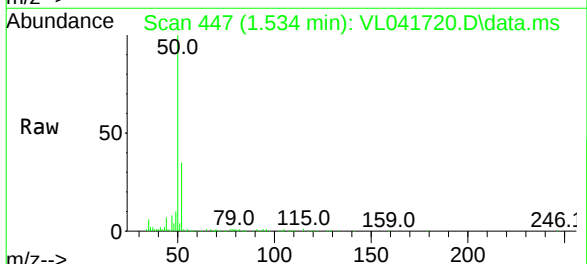


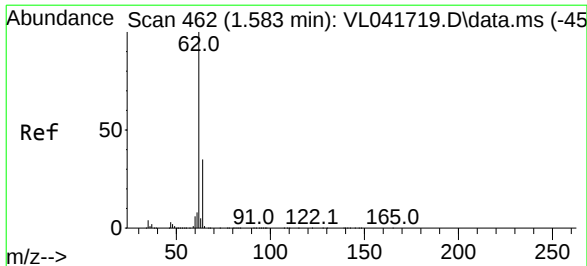
Tgt Ion: 51 Resp: 79172
Ion Ratio Lower Upper
51 100
67 17.7 14.6 21.8



#4
Chloromethane
Concen: 1.901 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 50 Resp: 24588
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0

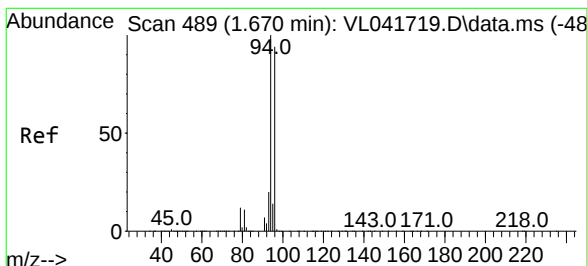
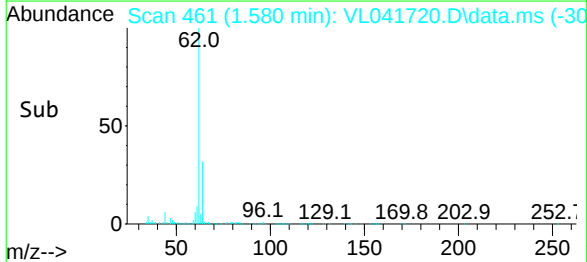
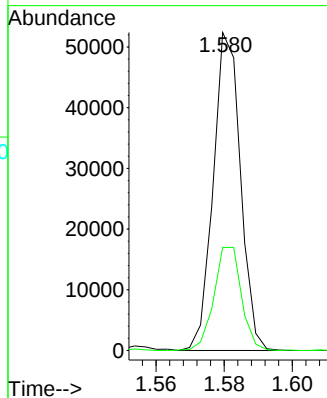
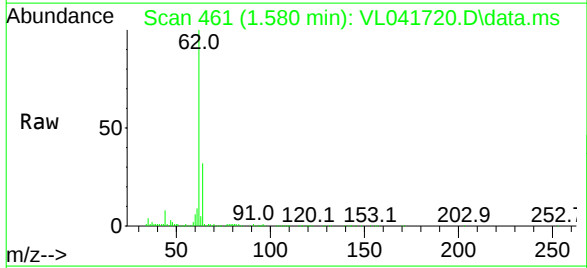




#5
 Vinyl Chloride
 Concen: 1.838 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

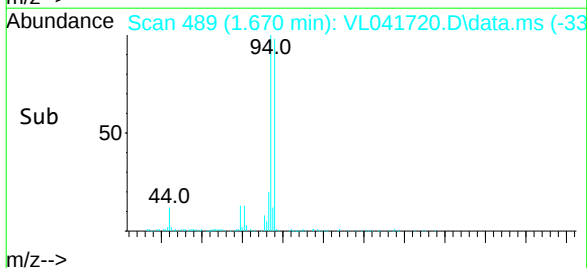
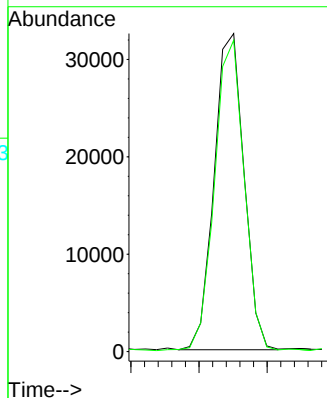
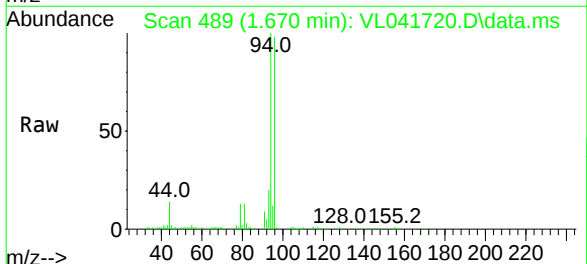
Instrument :
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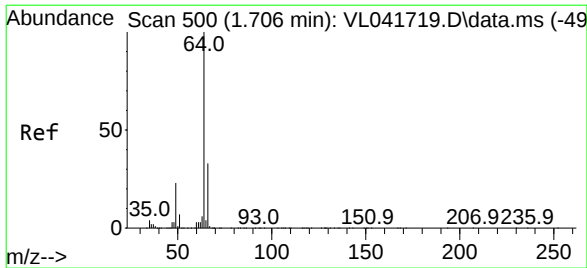
Tgt Ion: 62 Resp: 29104
 Ion Ratio Lower Upper
 62 100
 64 32.5 27.6 41.4



#6
 Bromomethane
 Concen: 1.905 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Tgt Ion: 94 Resp: 19786
 Ion Ratio Lower Upper
 94 100
 96 97.9 75.4 113.0

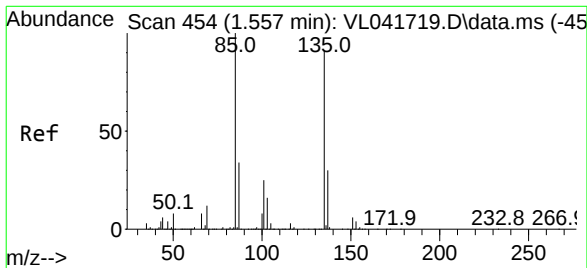
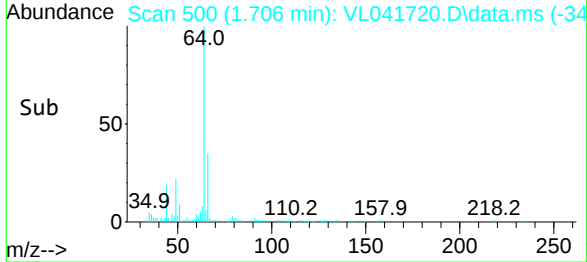
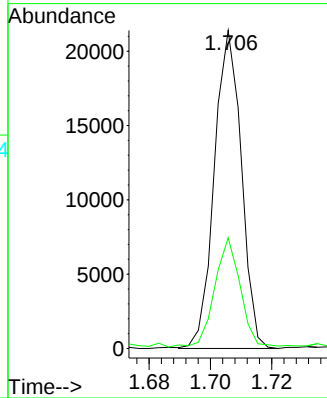
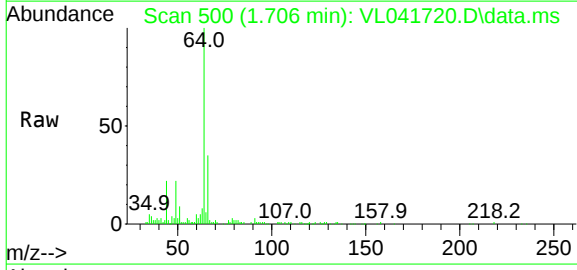




#7
Chloroethane
Concen: 1.899 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

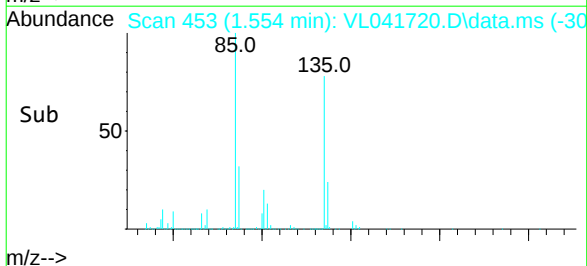
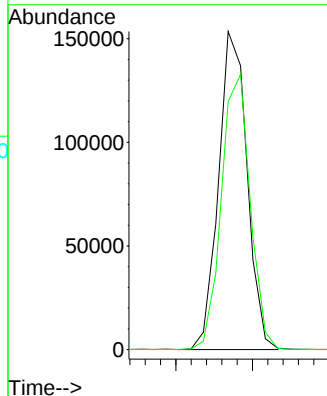
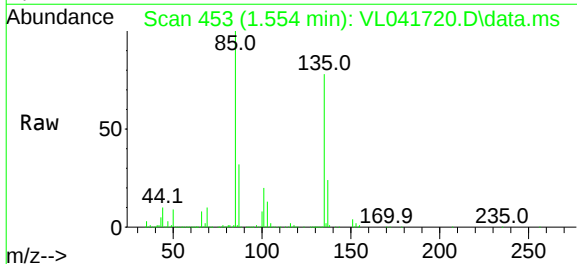
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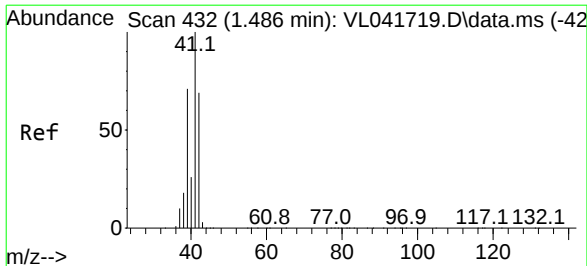
Tgt Ion: 64 Resp: 13082
Ion Ratio Lower Upper
64 100
66 34.8 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 1.998 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 85 Resp: 79386
Ion Ratio Lower Upper
85 100
135 87.4 69.0 103.6





#9

Propene

Concen: 2.034 ppbv

RT: 1.482 min Scan# 43

Delta R.T. -0.003 min

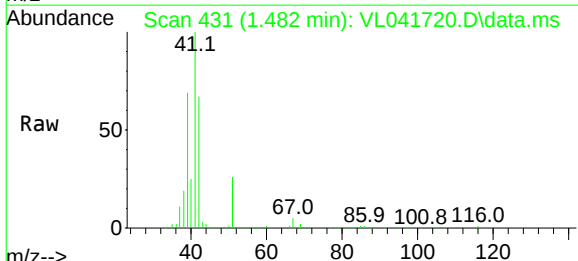
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Instrument :

MSVOA_L

ClientSampleId :

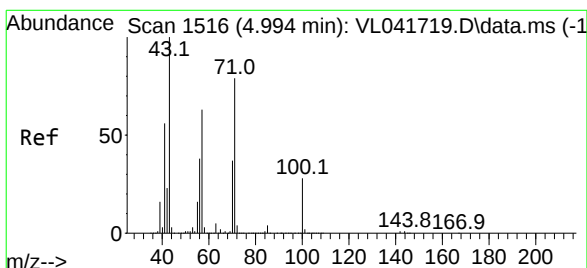
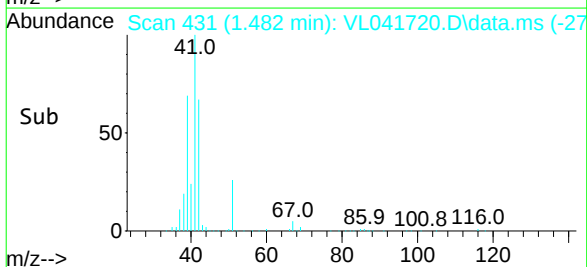
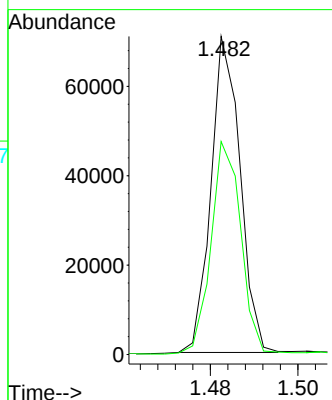


Tgt Ion: 41 Resp: 32779

Ion Ratio Lower Upper

41 100

42 70.5 56.2 84.4



#10

Heptane

Concen: 2.064 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VL041720.D

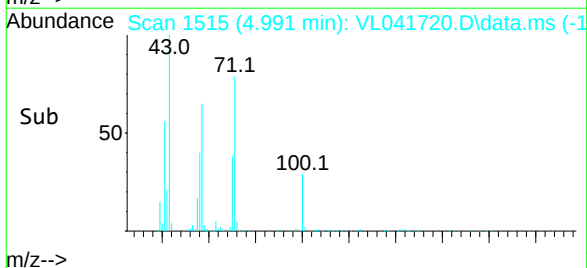
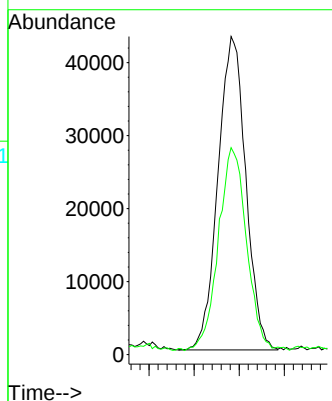
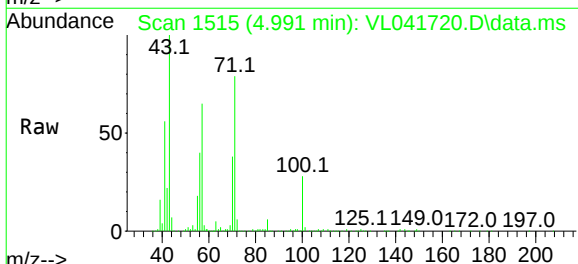
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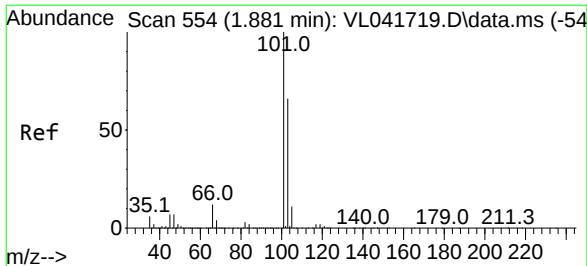
Tgt Ion: 43 Resp: 91961

Ion Ratio Lower Upper

43 100

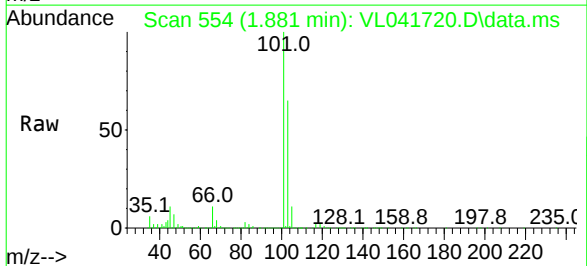
57 65.6 50.5 75.7



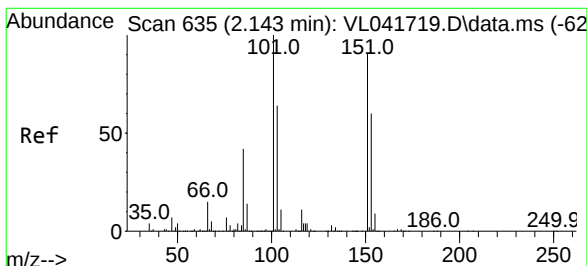
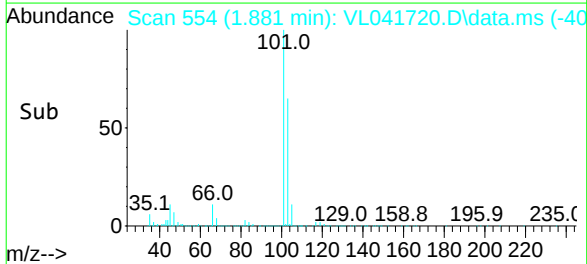
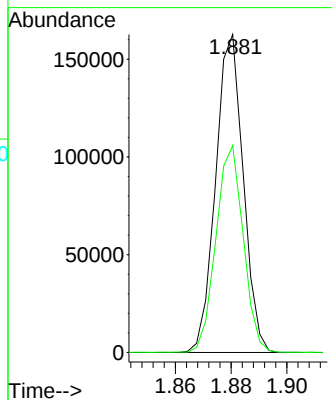


#11
 Trichlorofluoromethane
 Concen: 1.995 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Instrument :
 MSVOA_L
 ClientSampleId :

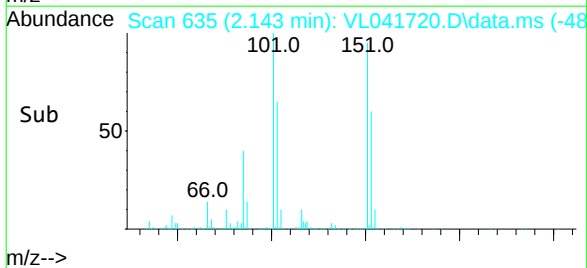
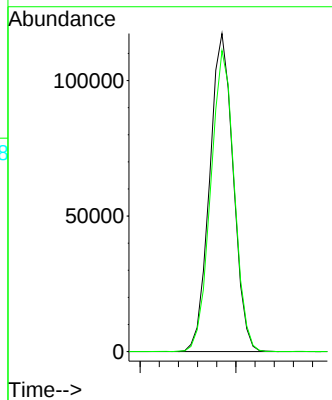
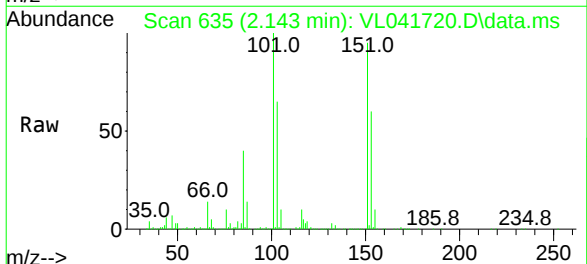


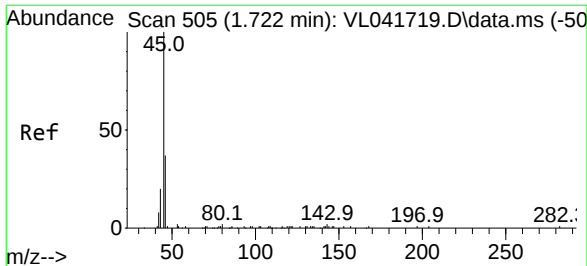
Tgt Ion:101 Resp: 111944
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.992 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

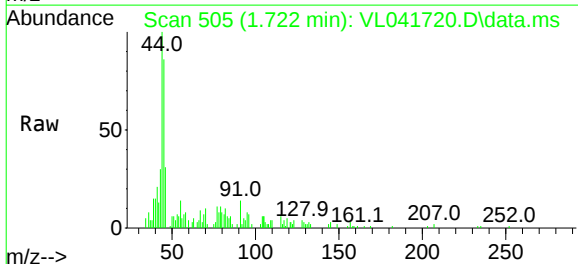
Tgt Ion:101 Resp: 100651
 Ion Ratio Lower Upper
 101 100
 151 94.1 74.4 111.6



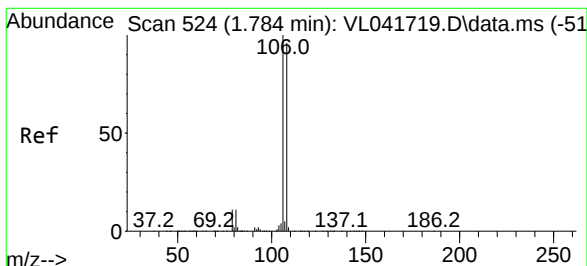
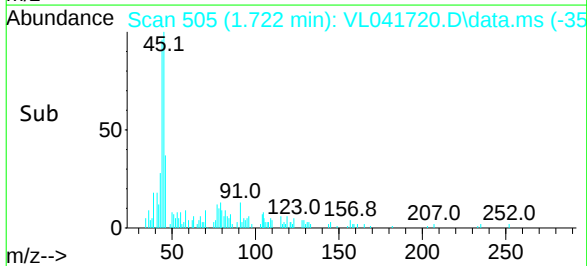
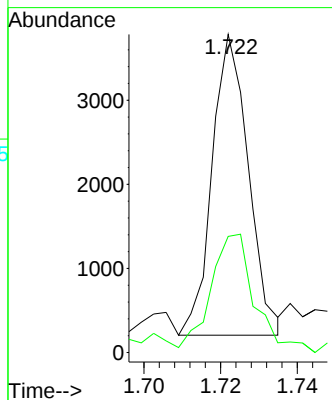


#13
Ethanol
Concen: 1.763 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

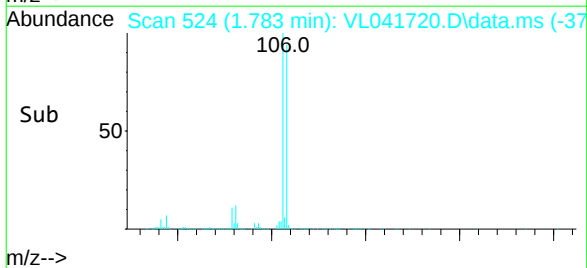
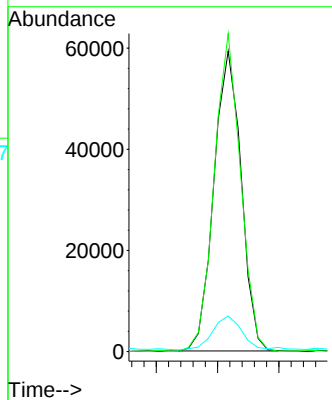
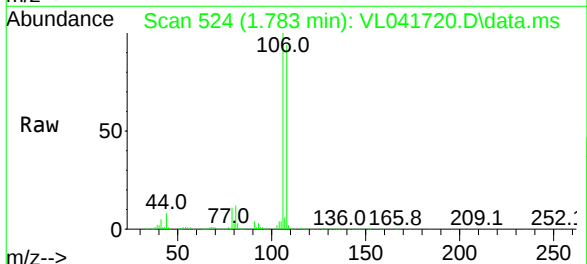


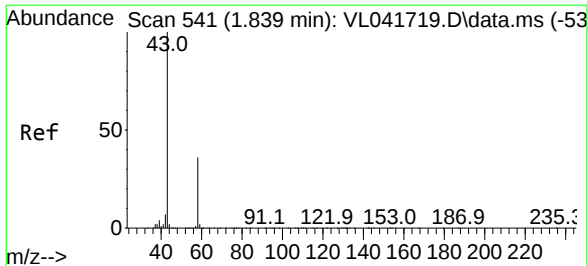
Tgt Ion: 45 Resp: 2350
Ion Ratio Lower Upper
45 100
46 56.7 16.6 66.6



#14
Bromoethene
Concen: 1.980 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 108 Resp: 36656
Ion Ratio Lower Upper
108 100
106 102.2 83.5 125.3
79 11.7 9.3 13.9





#15

Acetone

Concen: 2.061 ppbv

RT: 1.838 min Scan# 541

Delta R.T. -0.000 min

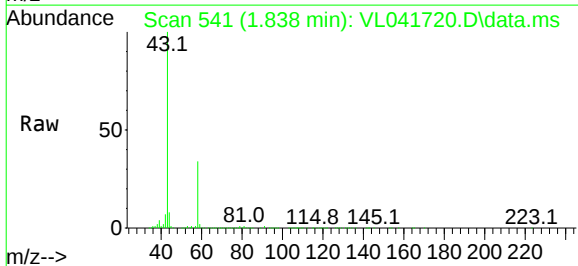
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :

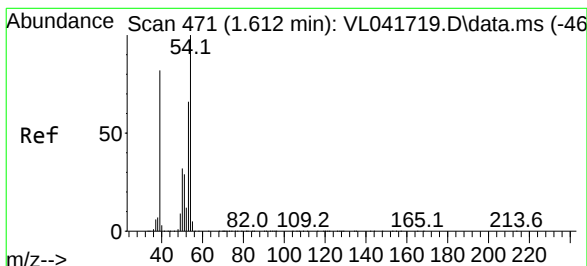
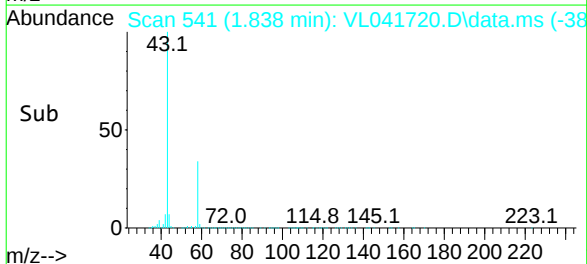
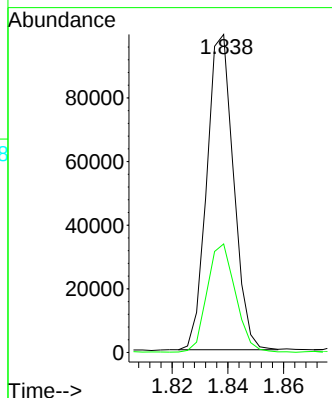


Tgt Ion: 43 Resp: 66064

Ion Ratio Lower Upper

43 100

58 37.5 28.9 43.3



#16

1,3-Butadiene

Concen: 1.901 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.003 min

Lab File: VL041720.D

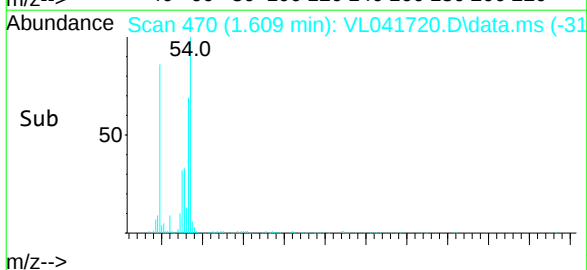
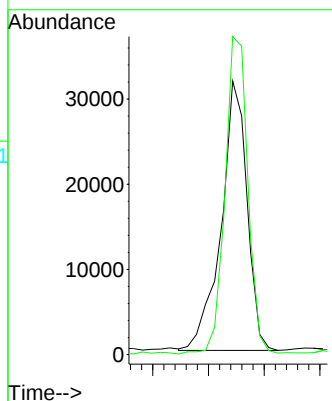
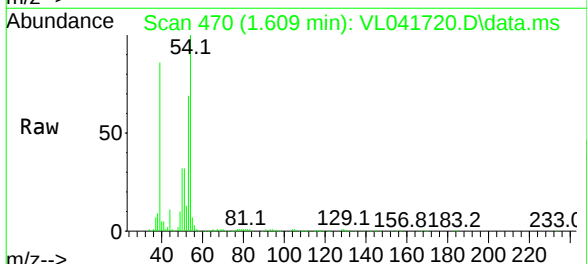
Acq: 11 Dec 2024 14:43

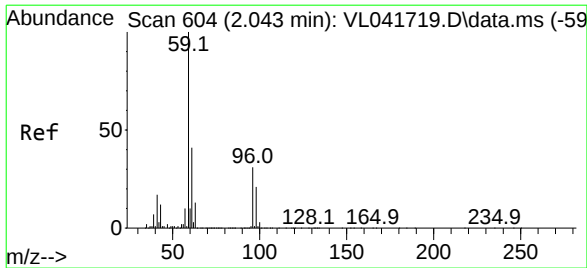
Tgt Ion: 39 Resp: 20438

Ion Ratio Lower Upper

39 100

54 102.5 85.0 127.6

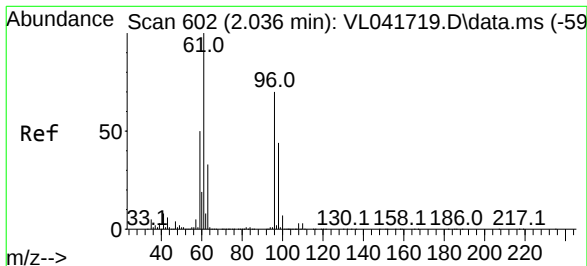
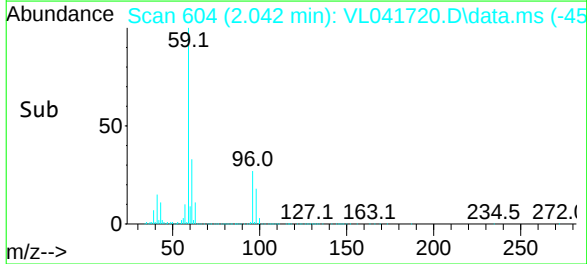
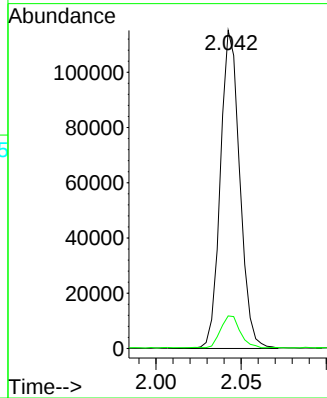
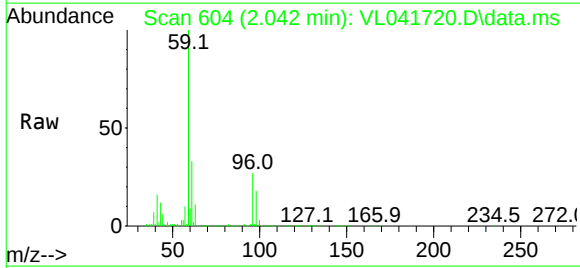




#17
tert-Butyl alcohol
Concen: 1.963 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

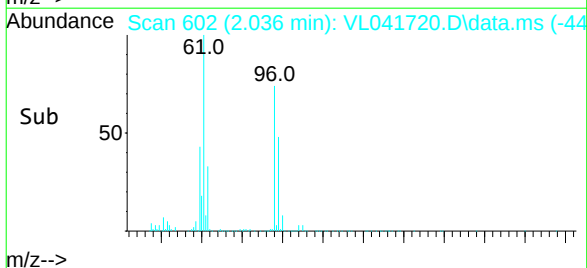
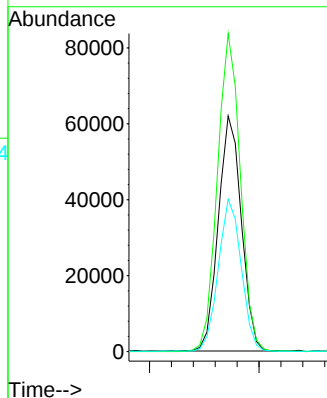
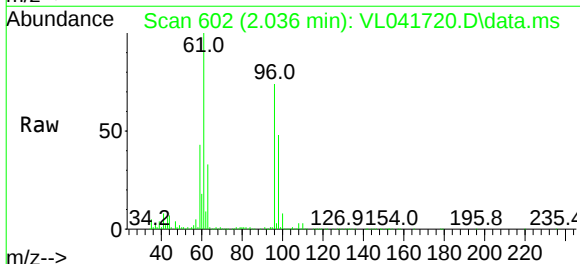
Instrument :
MSVOA_L
ClientSampleId :

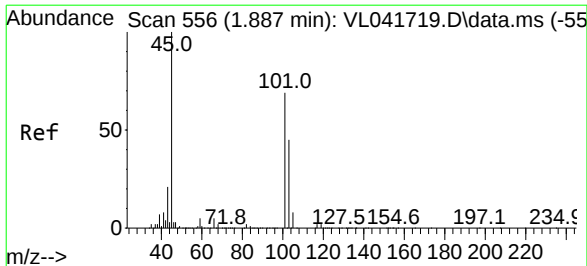
Tgt Ion: 59 Resp: 91232
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#18
1,1-Dichloroethene
Concen: 1.938 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

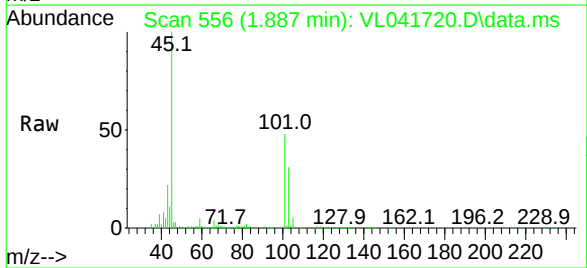
Tgt Ion: 96 Resp: 45267
Ion Ratio Lower Upper
96 100
61 135.1 114.4 171.6
98 64.7 50.6 75.8



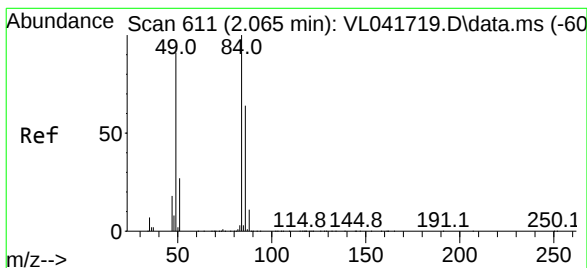
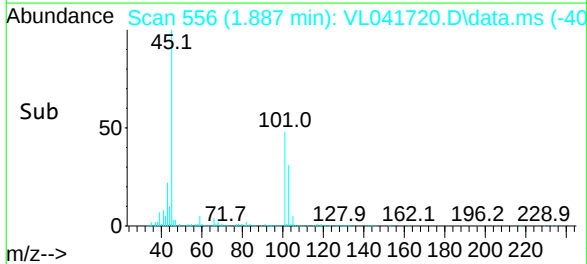
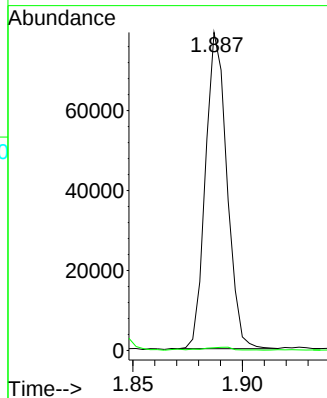


#19
Isopropyl Alcohol
Concen: 1.770 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

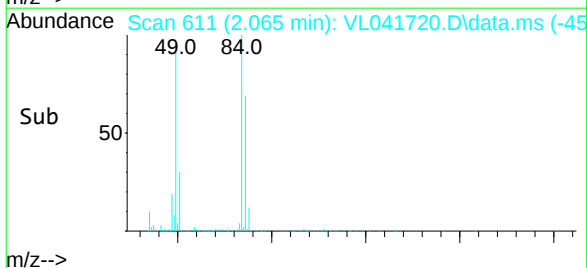
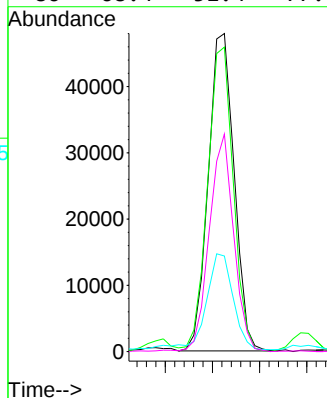
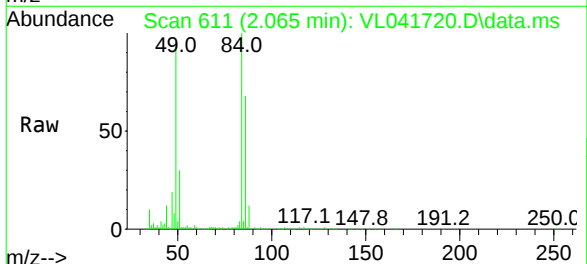


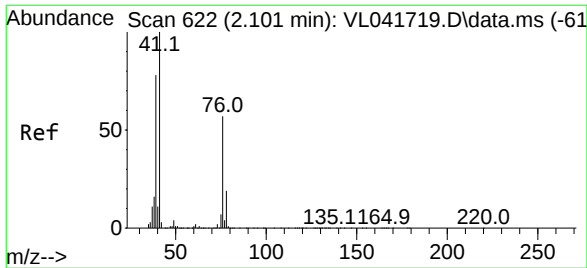
Tgt Ion: 45 Resp: 53907
Ion Ratio Lower Upper
45 100
58 45.9 40.6 61.0



#20
Methylene Chloride
Concen: 1.883 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 84 Resp: 36561
Ion Ratio Lower Upper
84 100
49 95.4 73.6 110.4
51 29.4 22.7 34.1
86 68.4 51.4 77.0

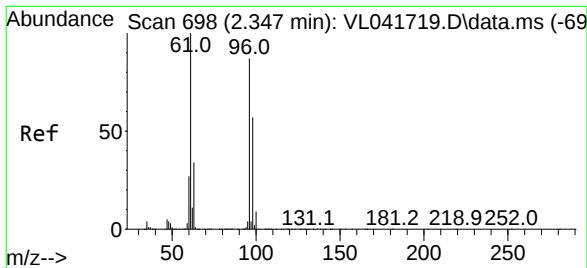
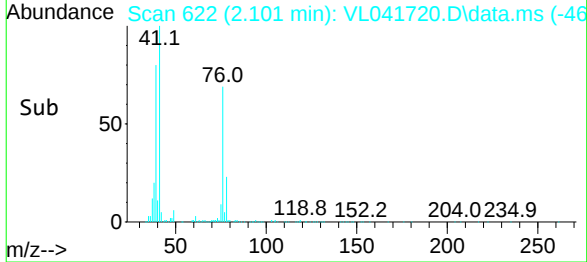
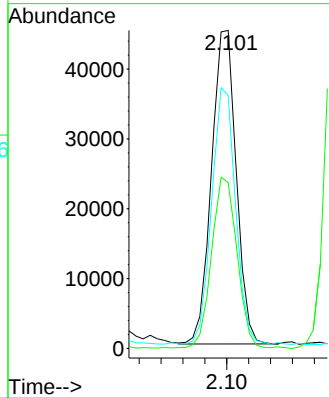
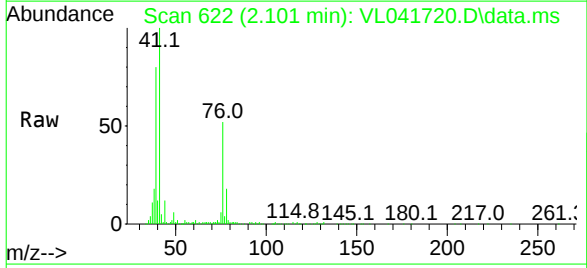




#21
 Allyl Chloride
 Concen: 1.952 ppbv
 RT: 2.101 min Scan# 621
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

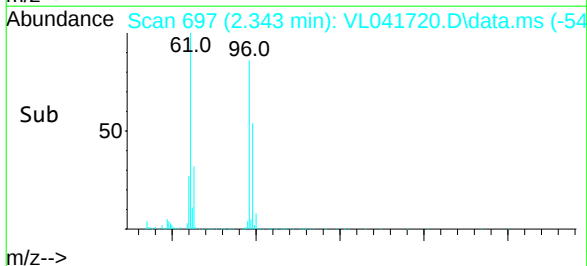
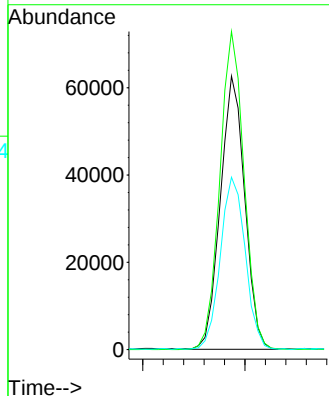
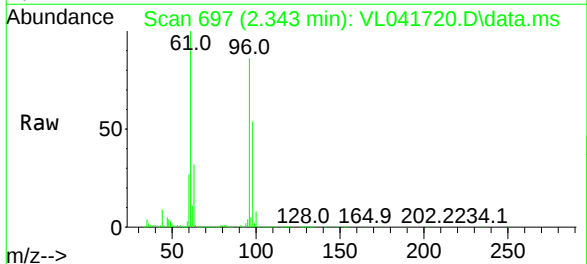
Instrument :
 MSVOA_L
 ClientSampleId :

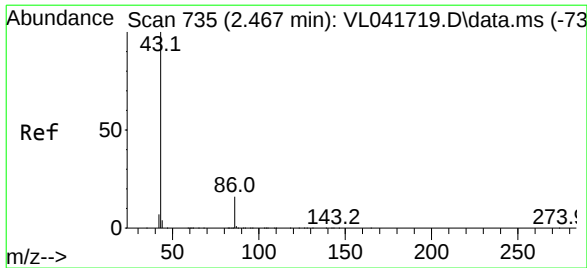
Tgt Ion:	41	Resp:	35226
Ion	Ratio	Lower	Upper
41	100		
76	55.7	44.2	66.2
39	80.0	62.8	94.2



#22
 trans-1,2-Dichloroethene
 Concen: 1.935 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

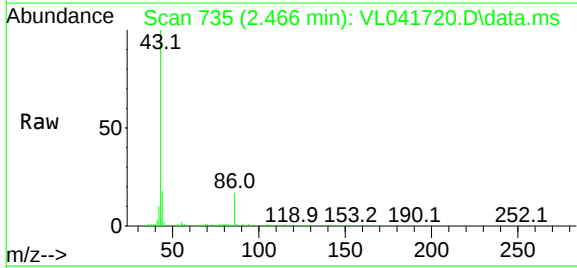
Tgt Ion:	96	Resp:	51747
Ion	Ratio	Lower	Upper
96	100		
61	116.3	91.8	137.6
98	62.9	52.7	79.1



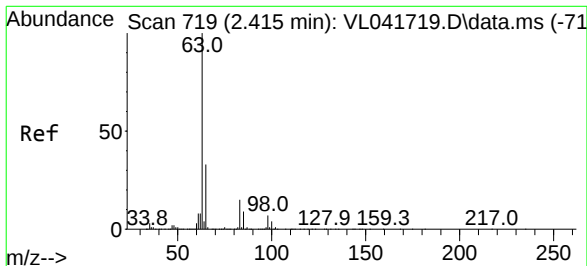
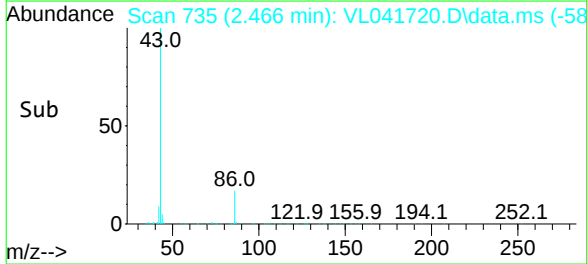
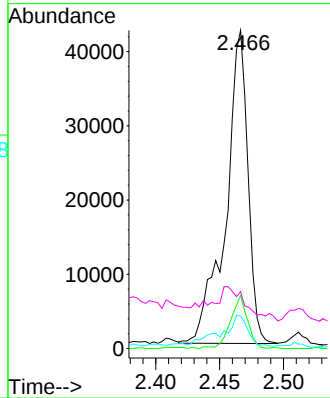


#23
 Vinyl Acetate
 Concen: 2.615 ppbv
 RT: 2.466 min Scan# 735
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Instrument :
 MSVOA_L
 ClientSampleId :

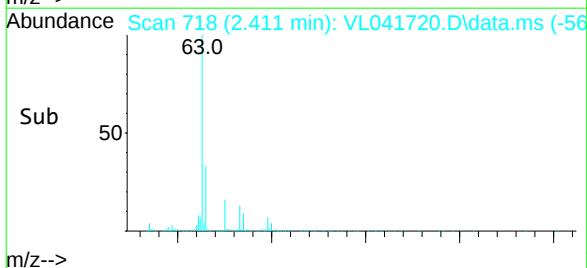
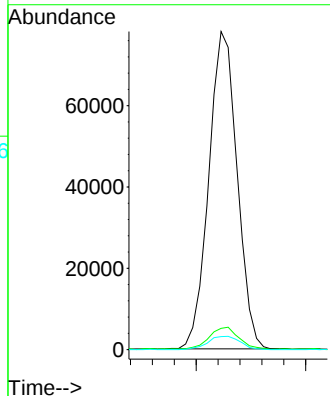
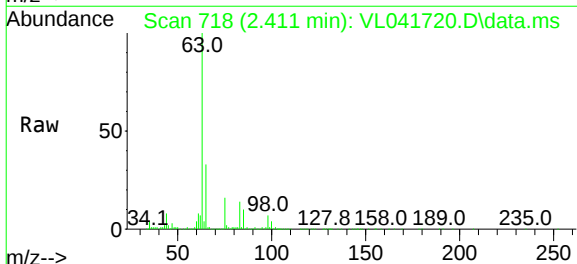


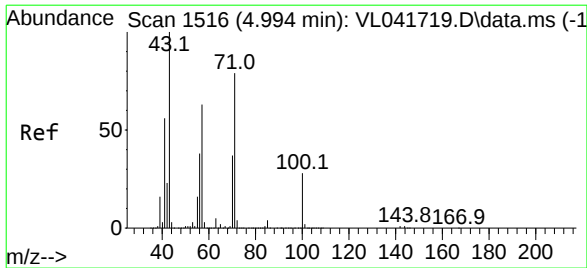
Tgt Ion: 43	Resp: 50765
Ion Ratio	Lower Upper
43 100	
86 16.7	11.5 17.3
42 9.4	6.6 10.0
44 9.3	4.1 6.1#



#24
 1,1-Dichloroethane
 Concen: 1.943 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

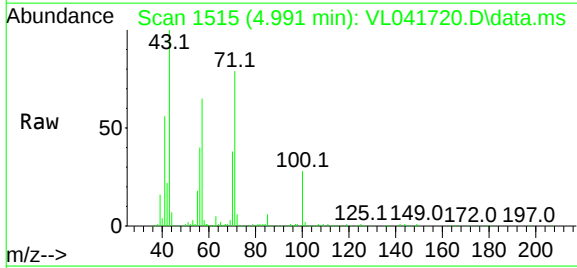
Tgt Ion: 63	Resp: 70151
Ion Ratio	Lower Upper
63 100	
98 6.5	3.6 10.8
100 4.1	2.3 6.8



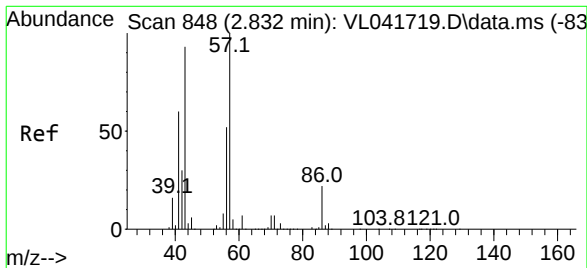
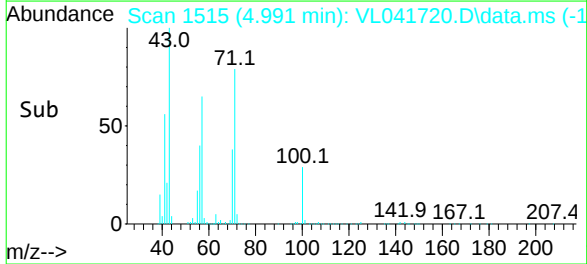
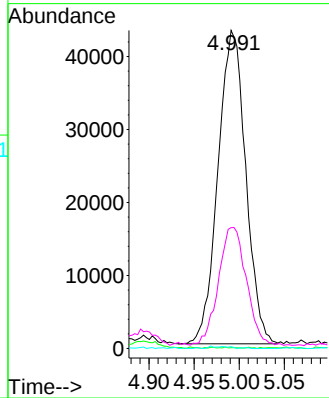


#25
Ethyl Acetate
Concen: 2.064 ppbv
RT: 4.991 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

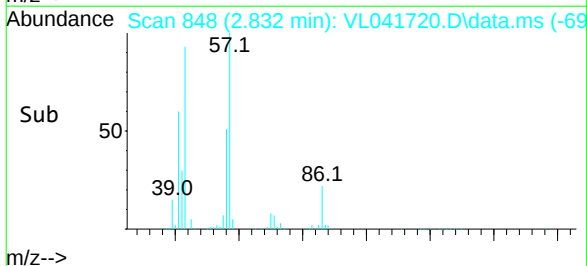
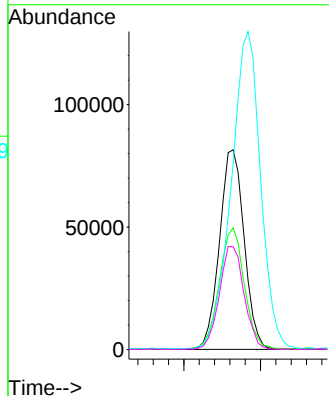
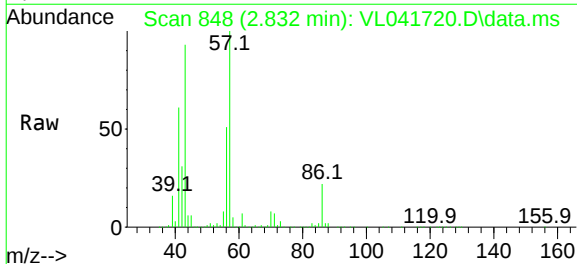


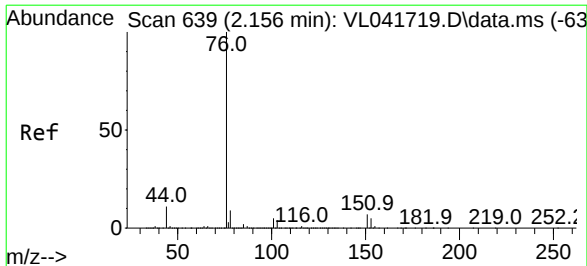
Tgt Ion: 43 Resp: 91961
Ion Ratio Lower Upper
43 100
45 0.2 0.0 0.0#
61 0.5 0.4 0.6
70 38.8 29.4 44.2



#26
Hexane
Concen: 2.106 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 57 Resp: 90974
Ion Ratio Lower Upper
57 100
41 62.1 49.5 74.3
43 189.7 150.6 225.8
56 52.2 41.6 62.4





#27

Carbon Disulfide

Concen: 1.906 ppbv

RT: 2.152 min Scan# 63

Delta R.T. -0.003 min

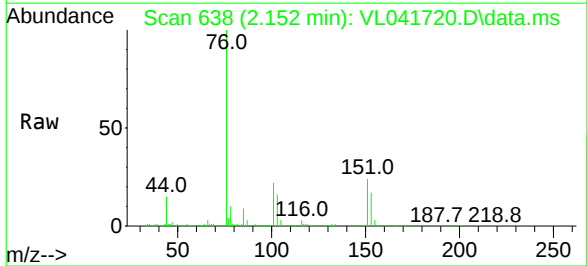
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

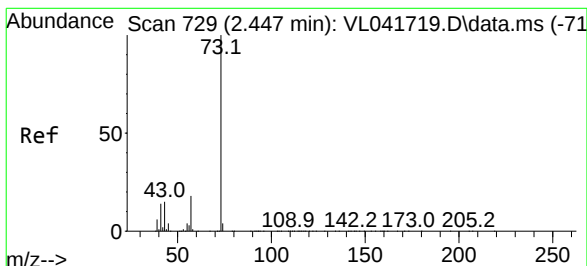
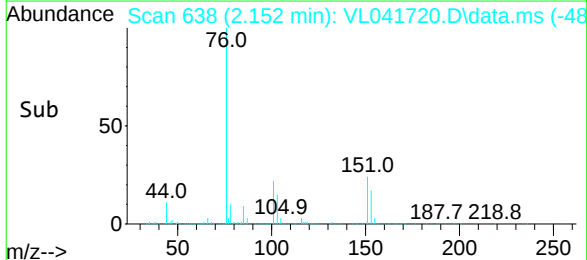
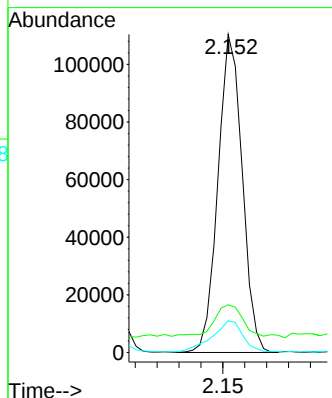
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	76	Resp:	84774
Ion	Ratio	Lower	Upper
76	100		
44	21.0	9.4	14.0#
78	12.4	9.4	14.0



#28

Methyl tert-Butyl Ether

Concen: 1.885 ppbv

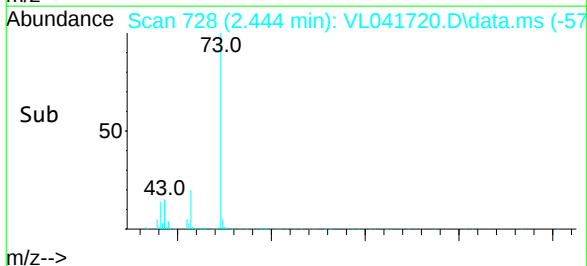
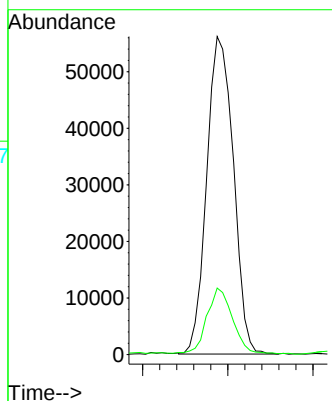
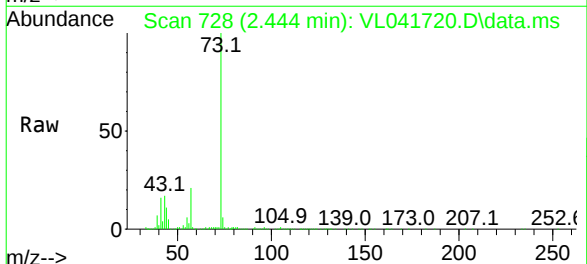
RT: 2.444 min Scan# 728

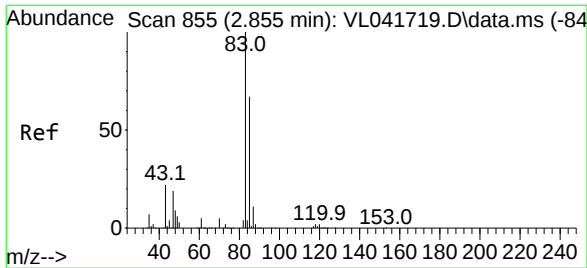
Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion:	73	Resp:	61139
Ion	Ratio	Lower	Upper
73	100		
57	20.5	15.3	22.9





#29

Chloroform

Concen: 2.089 ppbv

RT: 2.855 min Scan# 85

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

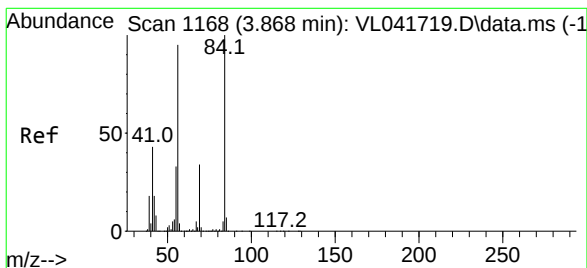
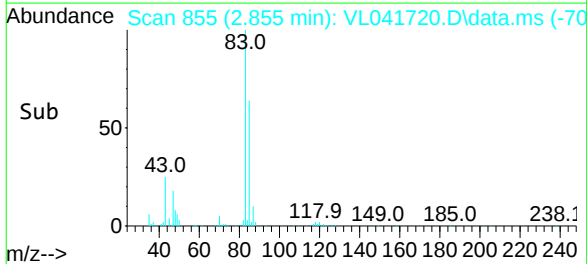
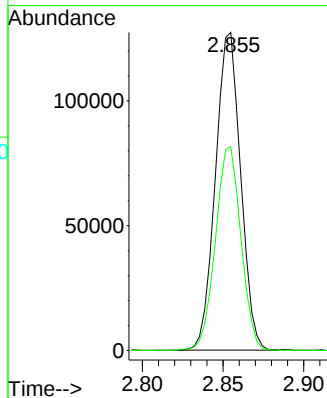
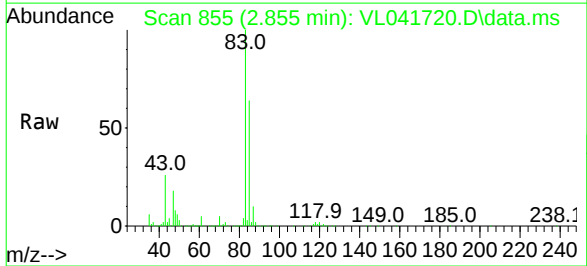
ClientSampleId :

Tgt Ion: 83 Resp: 138157

Ion Ratio Lower Upper

83 100

85 64.0 53.6 80.4



#30

Cyclohexane

Concen: 2.068 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

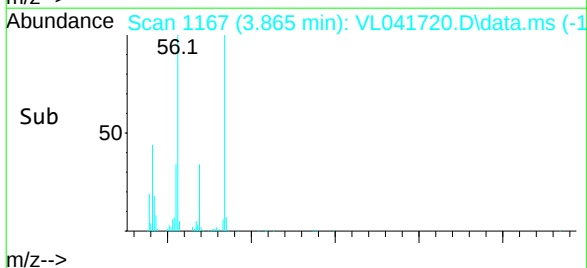
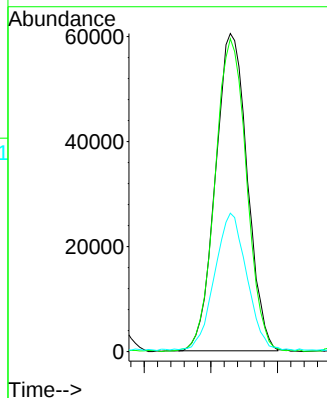
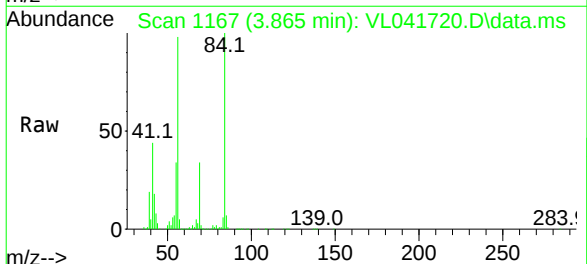
Tgt Ion: 84 Resp: 100415

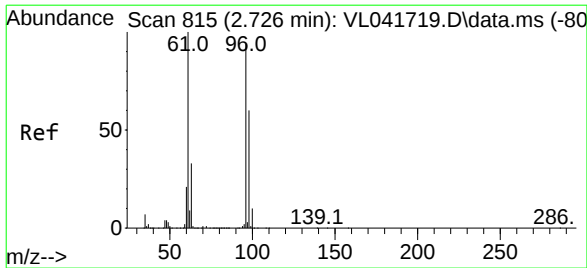
Ion Ratio Lower Upper

84 100

56 97.2 76.0 114.0

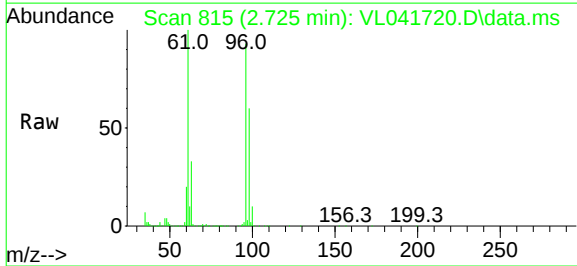
41 43.9 34.2 51.4



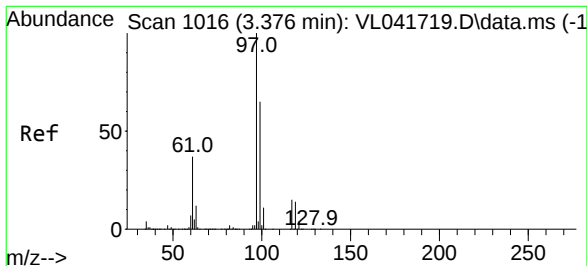
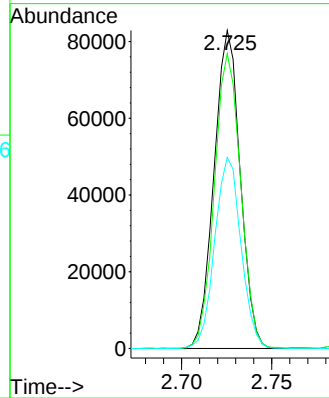
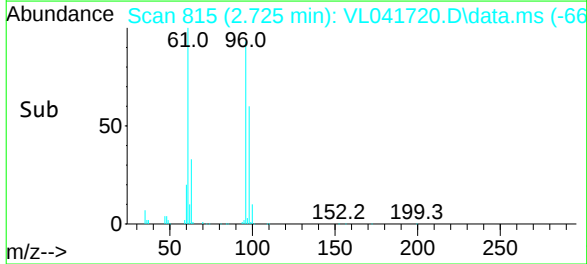


#31
 cis-1,2-Dichloroethene
 Concen: 2.093 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Instrument :
 MSVOA_L
 ClientSampleId :

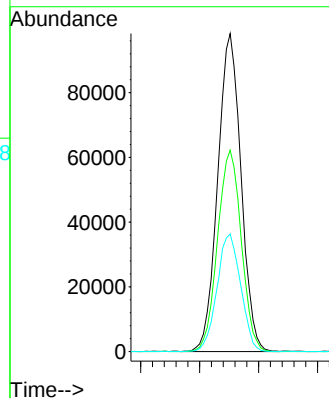
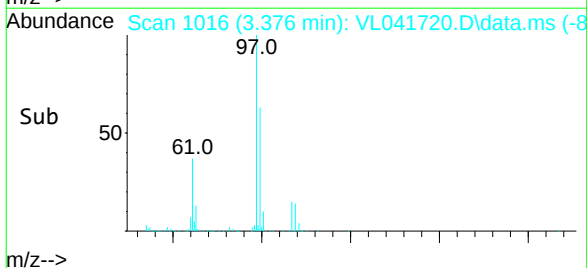
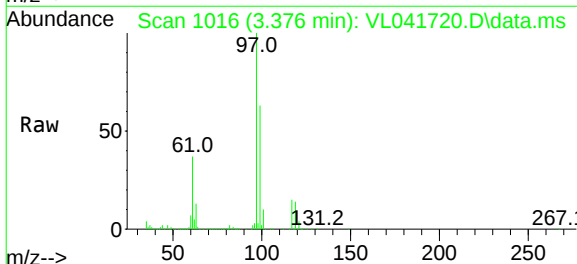


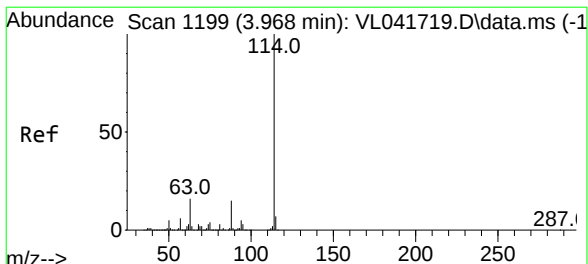
Tgt Ion: 61 Resp: 83799
 Ion Ratio Lower Upper
 61 100
 96 92.6 75.4 113.2
 98 60.0 48.3 72.5



#32
 1,1,1-Trichloroethane
 Concen: 2.073 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

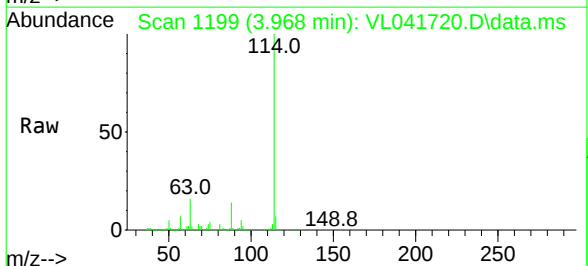
Tgt Ion: 97 Resp: 134846
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.2 78.2
 61 37.6 29.8 44.8





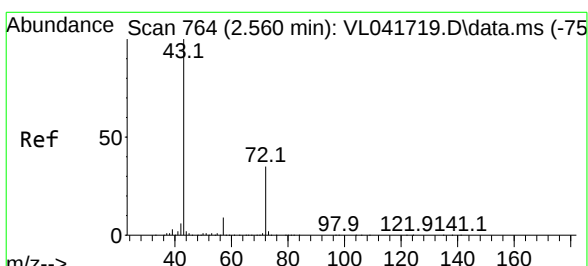
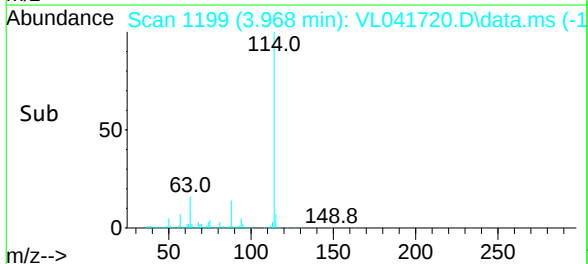
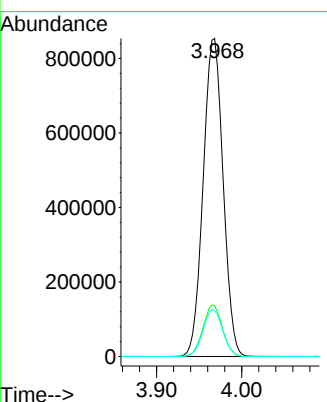
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1119
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 114 Resp: 1385343

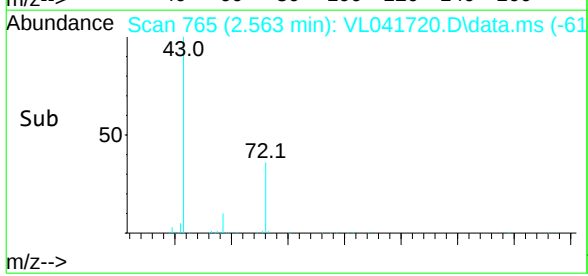
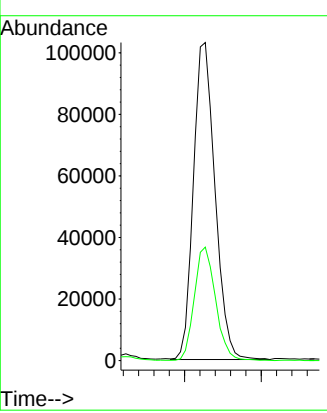
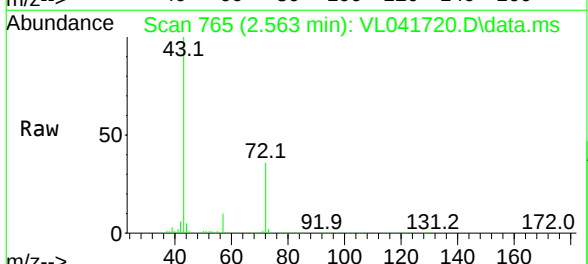
Ion	Ratio	Lower	Upper
114	100		
63	15.9	12.9	19.3
88	14.6	11.8	17.6

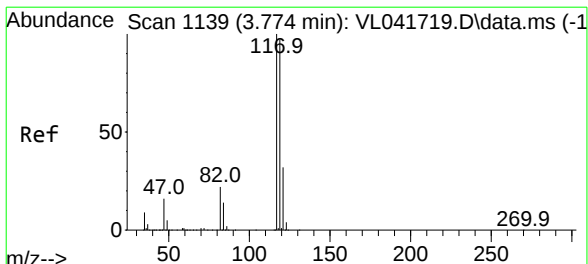


#34
 2-Butanone
 Concen: 2.079 ppbv
 RT: 2.563 min Scan# 765
 Delta R.T. 0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Tgt Ion: 43 Resp: 100854

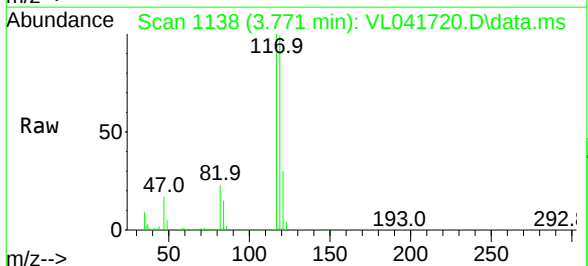
Ion	Ratio	Lower	Upper
43	100		
72	35.5	28.3	42.5



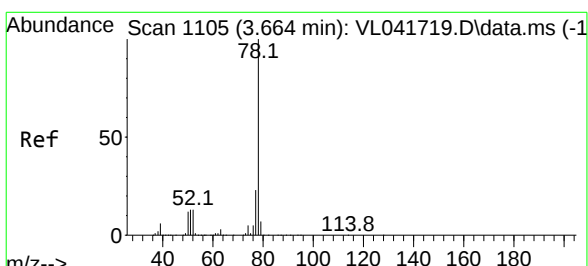
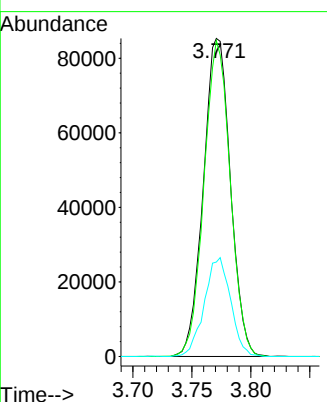
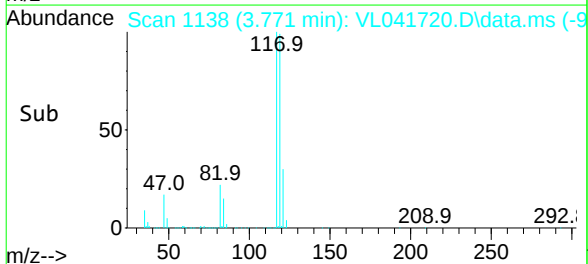


#35
Carbon Tetrachloride
Concen: 2.116 ppbv
RT: 3.771 min Scan# 1139
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

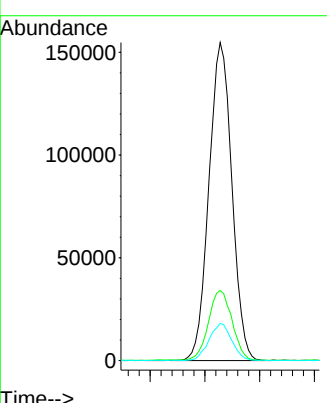
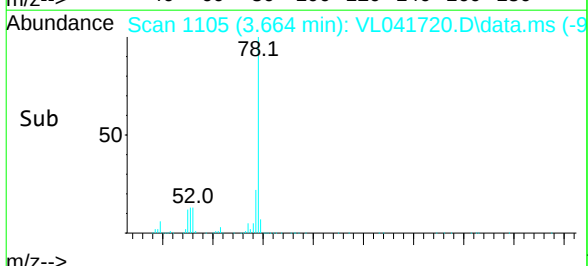
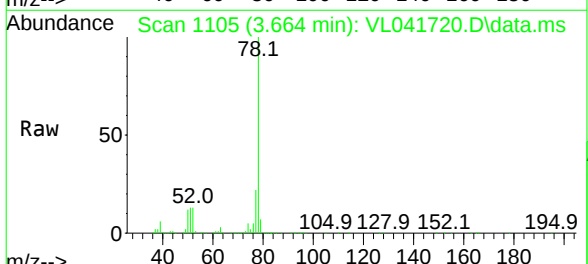


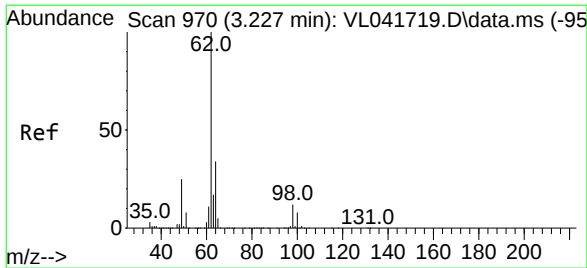
Tgt Ion:	117	Resp:	136519
Ion	Ratio	Lower	Upper
117	100		
119	99.3	77.7	116.5
121	29.7	25.5	38.3



#36
Benzene
Concen: 2.065 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion:	78	Resp:	224948
Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.6	27.8
50	11.7	9.5	14.3

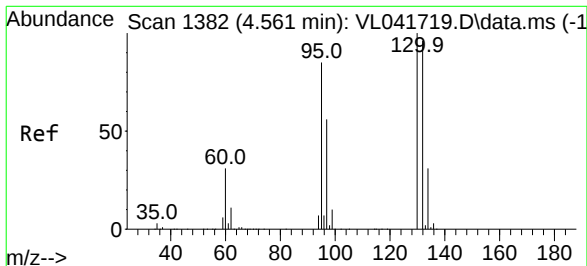
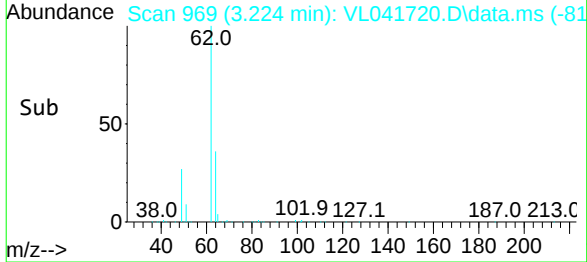
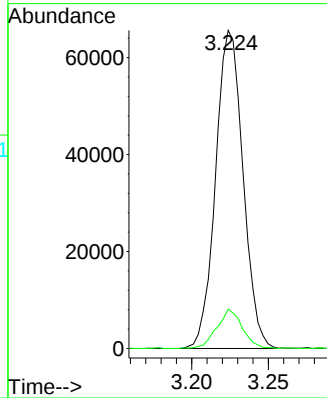
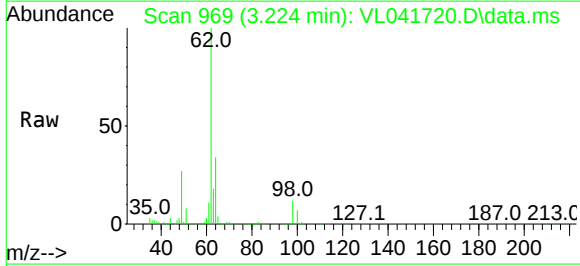




#37
1,2-Dichloroethane
Concen: 2.075 ppbv
RT: 3.224 min Scan# 96
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

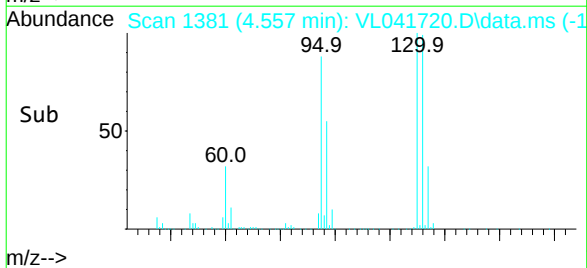
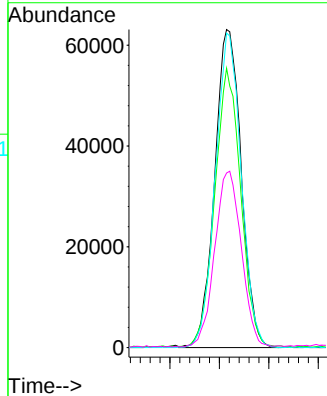
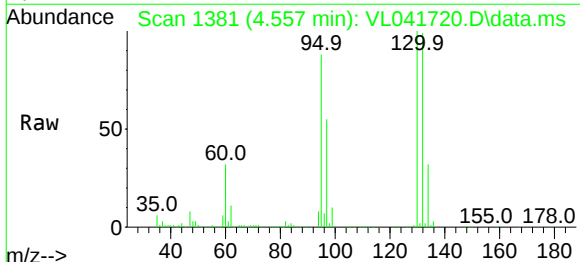
Instrument :
MSVOA_L
ClientSampleId :

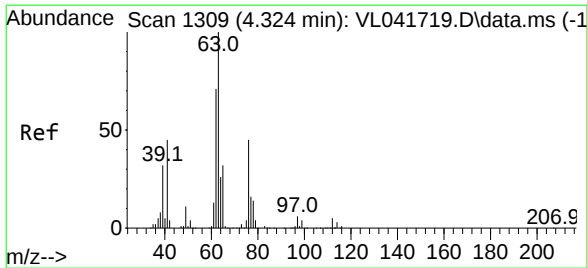
Tgt Ion: 62 Resp: 81628
Ion Ratio Lower Upper
62 100
98 11.6 9.4 14.2



#38
Trichloroethene
Concen: 2.084 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 130 Resp: 117701
Ion Ratio Lower Upper
130 100
95 87.5 68.0 102.0
132 98.9 76.5 114.7
97 54.6 44.4 66.6





#39

1,2-Dichloropropane

Concen: 2.100 ppbv

RT: 4.324 min Scan# 13

Delta R.T. -0.000 min

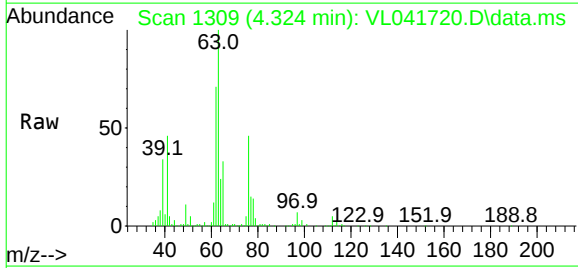
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



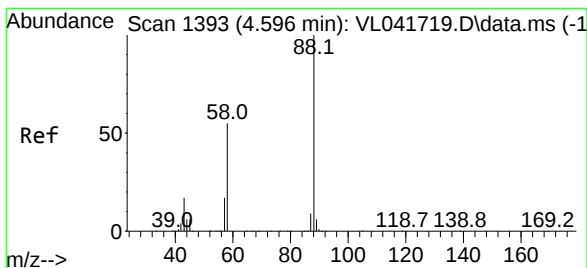
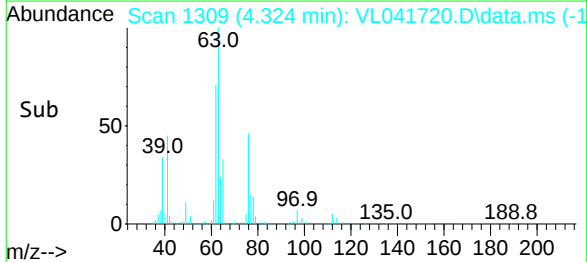
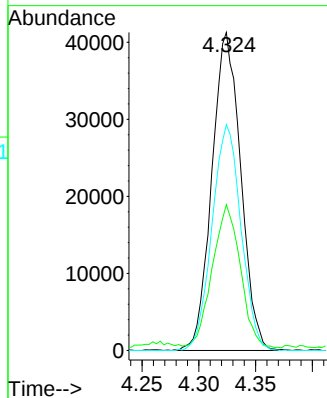
Tgt Ion: 63 Resp: 72887

Ion Ratio Lower Upper

63 100

41 44.8 36.4 54.6

62 70.6 56.6 85.0



#40

1,4-Dioxane

Concen: 2.053 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.009 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion: 88 Resp: 42986

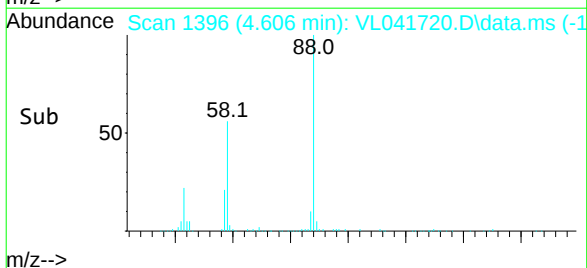
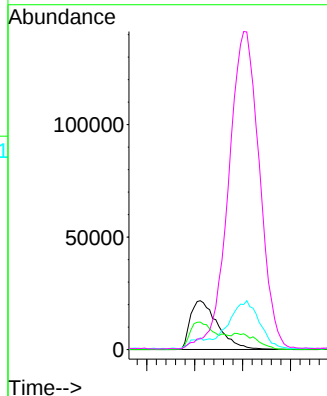
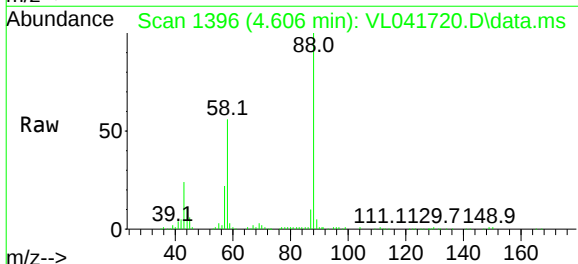
Ion Ratio Lower Upper

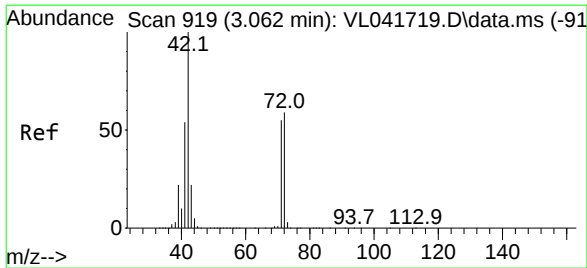
88 100

58 87.4 45.7 68.5#

43 125.0 0.0 0.0#

57 739.1 0.0 0.0#





#41

Tetrahydrofuran

Concen: 2.058 ppbv

RT: 3.065 min Scan# 92

Delta R.T. 0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :

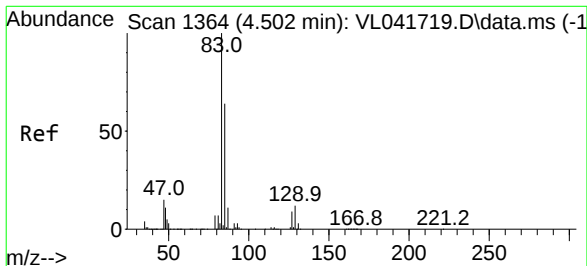
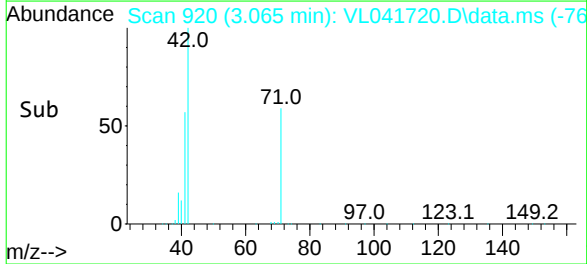
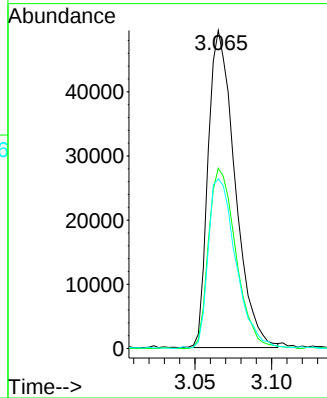
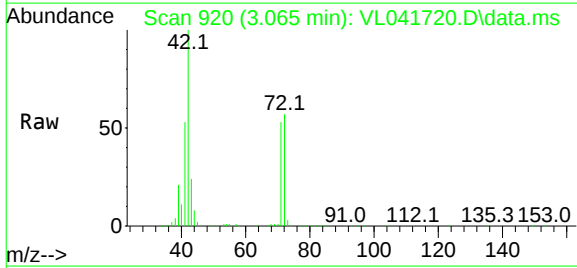
Tgt Ion: 42 Resp: 60168

Ion Ratio Lower Upper

42 100

72 58.1 47.4 71.0

71 55.3 44.4 66.6



#42

Bromodichloromethane

Concen: 2.075 ppbv

RT: 4.499 min Scan# 1363

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

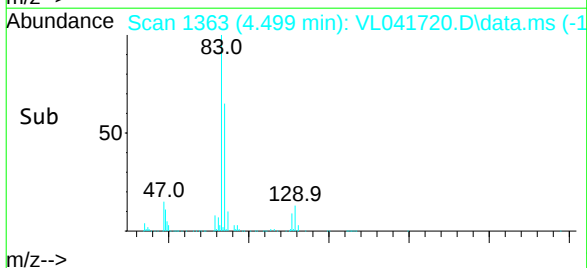
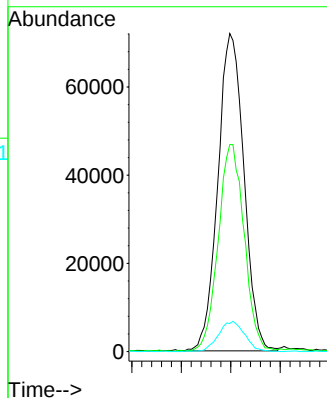
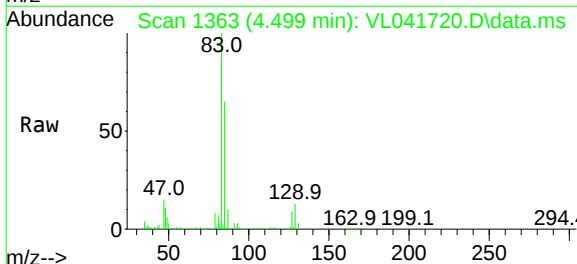
Tgt Ion: 83 Resp: 131836

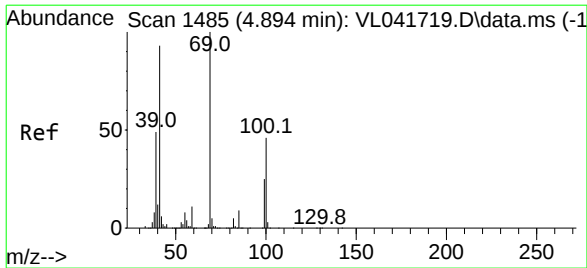
Ion Ratio Lower Upper

83 100

85 64.8 51.0 76.6

127 8.9 7.6 11.4





#43

Methyl Methacrylate

Concen: 2.112 ppbv

RT: 4.894 min Scan# 14

Delta R.T. -0.000 min

Lab File: VL041720.D

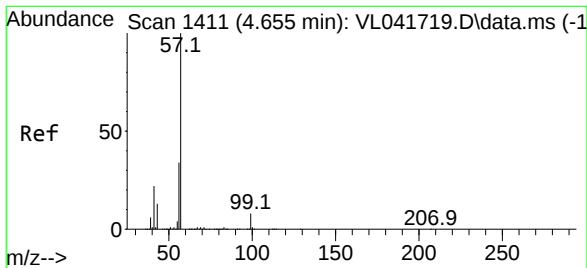
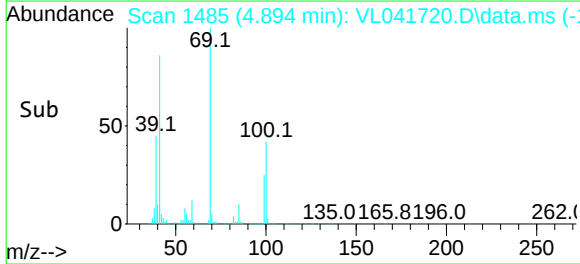
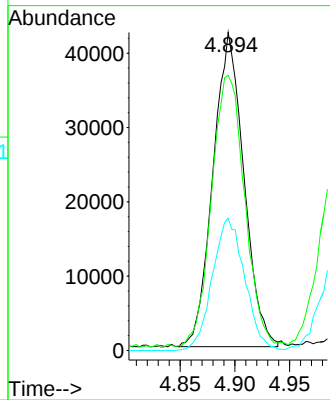
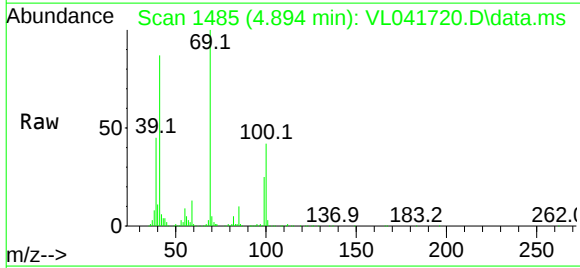
Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	69	Resp:	82875
Ion	Ratio	Lower	Upper
69	100		
41	93.3	74.6	112.0
100	43.9	35.5	53.3



#44

2,2,4-Trimethylpentane

Concen: 2.088 ppbv

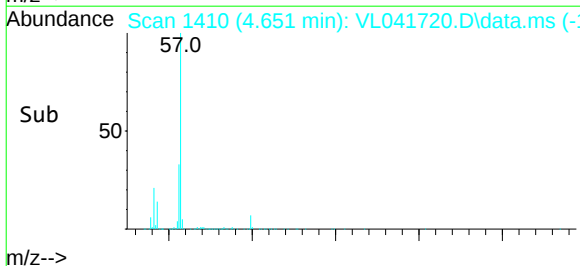
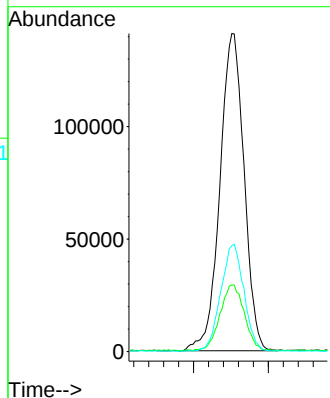
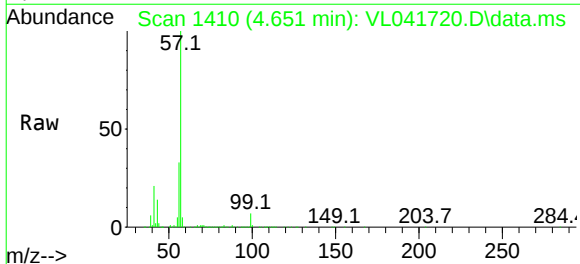
RT: 4.651 min Scan# 1410

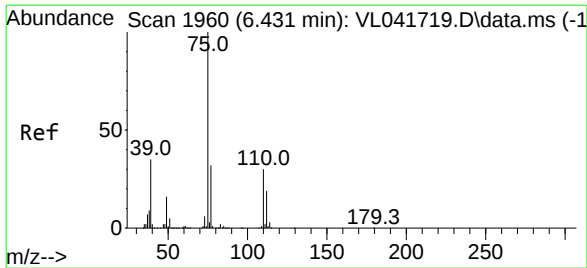
Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion:	57	Resp:	316508
Ion	Ratio	Lower	Upper
57	100		
41	21.2	17.2	25.8
56	32.4	26.6	40.0

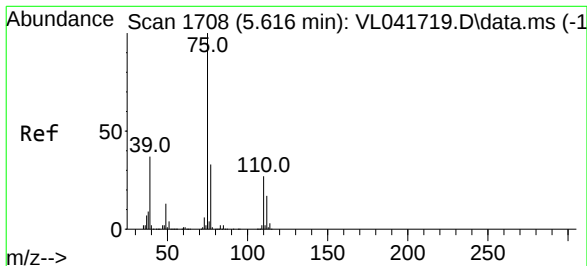
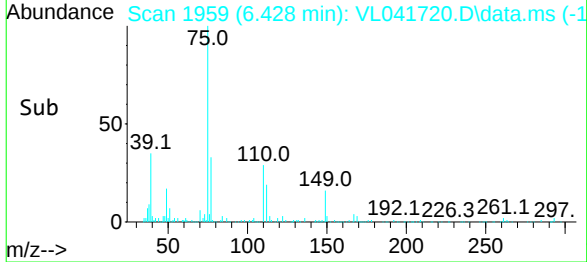
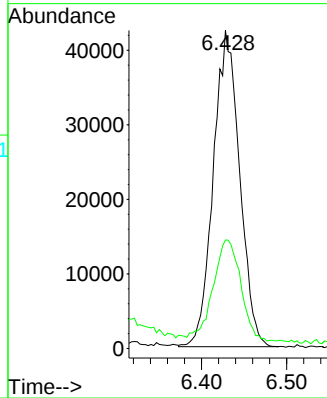
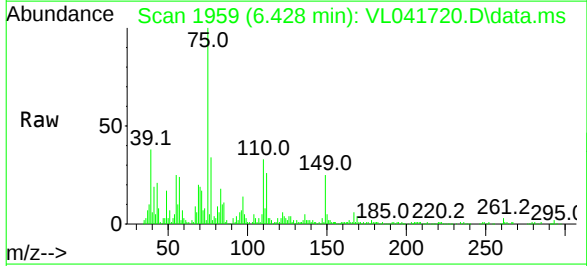




#45
 t-1,3-Dichloropropene
 Concen: 2.367 ppbv
 RT: 6.428 min Scan# 1960
 Delta R.T. -0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

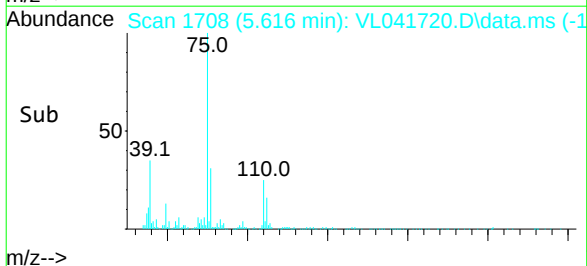
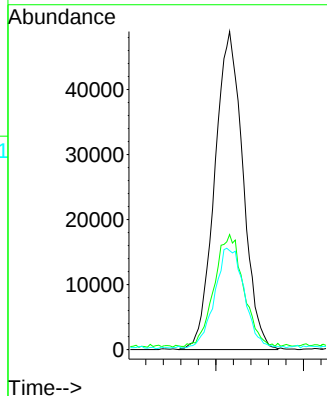
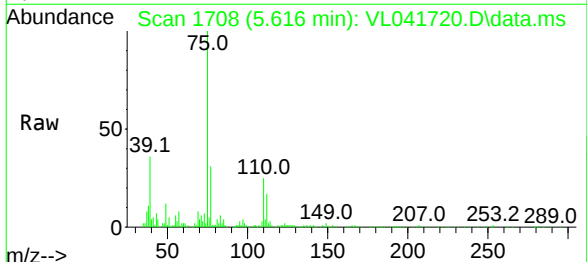
Instrument :
 MSVOA_L
 ClientSampleId :

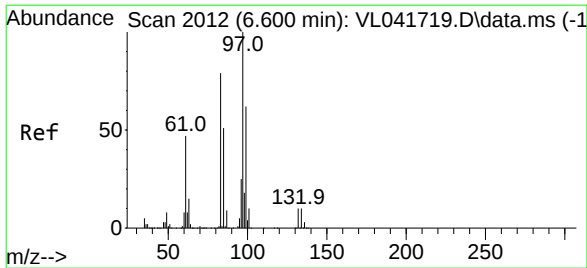
Tgt Ion: 75 Resp: 90924
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.6



#46
 cis-1,3-Dichloropropene
 Concen: 2.157 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

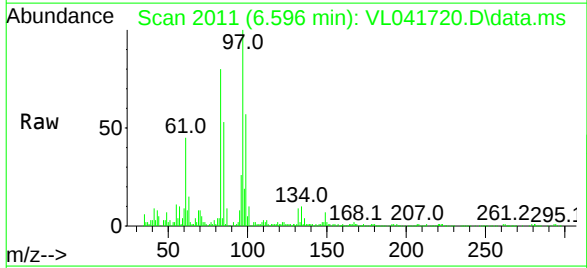
Tgt Ion: 75 Resp: 109667
 Ion Ratio Lower Upper
 75 100
 39 35.0 29.8 44.6
 77 30.2 26.2 39.2



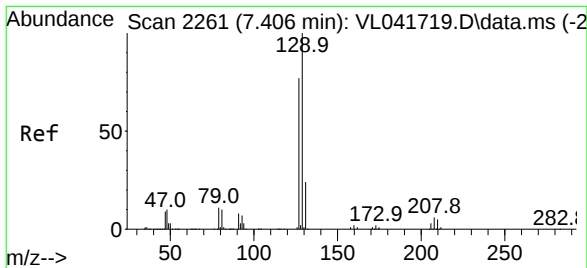
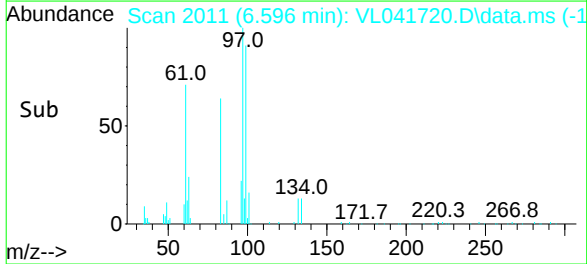
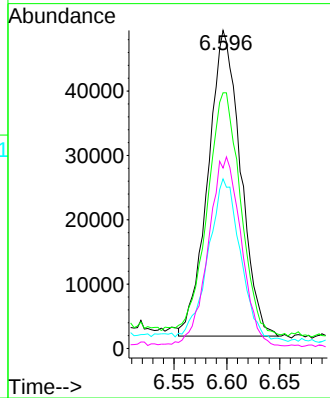


#47
1,1,2-Trichloroethane
Concen: 2.199 ppbv
RT: 6.596 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

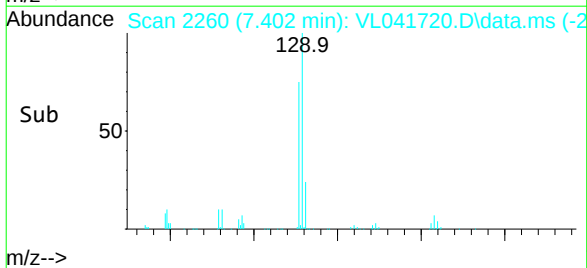
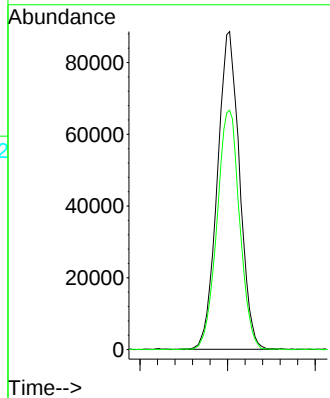
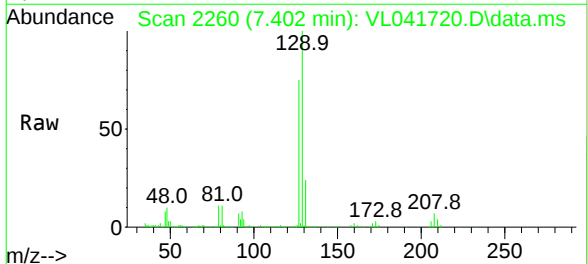


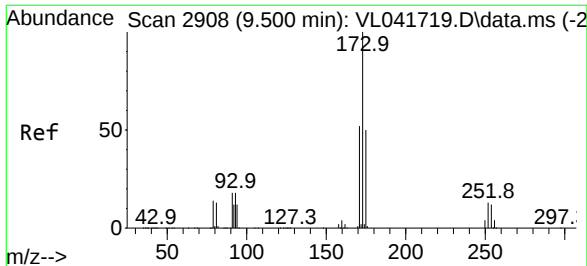
Tgt Ion:	97	Resp:	101637
Ion	Ratio	Lower	Upper
97	100		
83	79.0	63.0	94.4
85	52.1	41.0	61.6
99	57.9	49.8	74.6



#48
Dibromochloromethane
Concen: 2.335 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion:	129	Resp:	155515
Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7

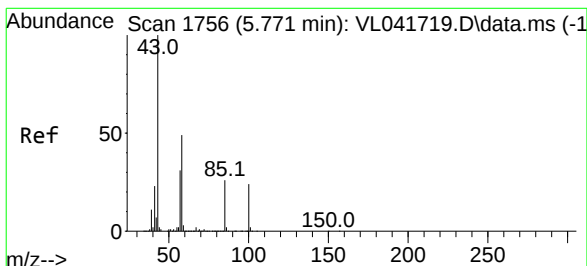
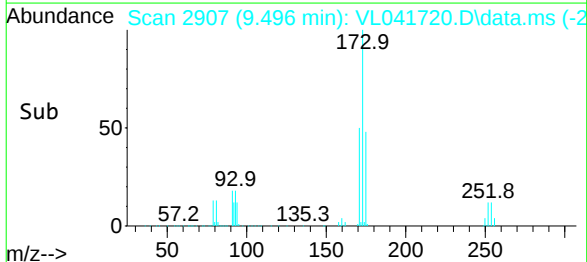
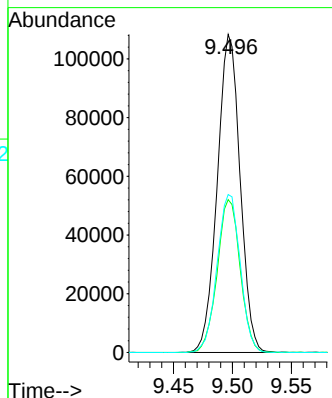
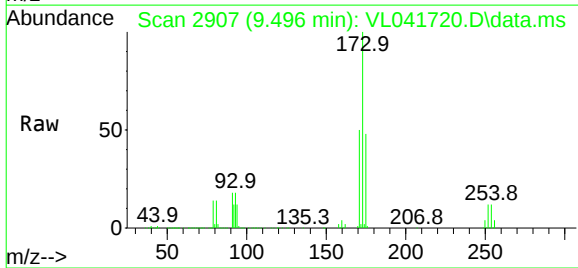




#49
Bromoform
Concen: 2.288 ppbv
RT: 9.496 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

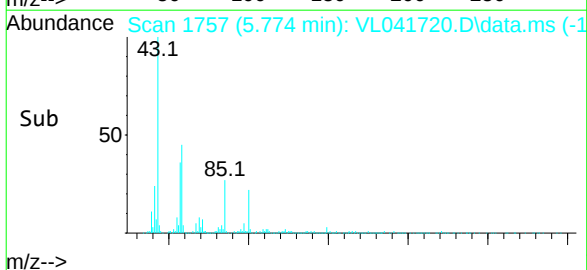
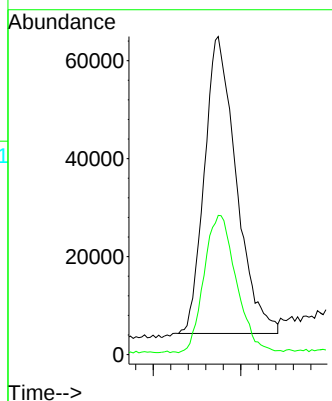
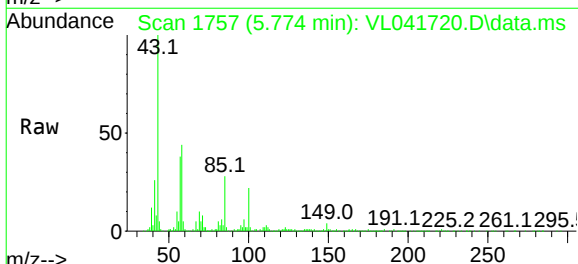
Instrument :
MSVOA_L
ClientSampleId :

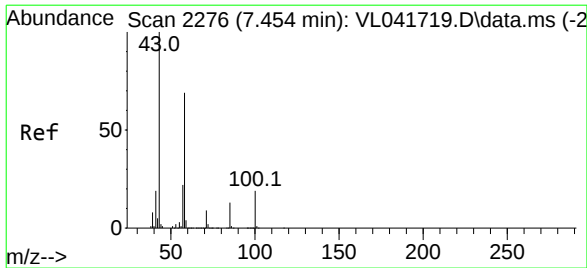
Tgt Ion: 173 Resp: 145788
Ion Ratio Lower Upper
173 100
175 48.4 39.5 59.3
171 50.3 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 2.201 ppbv
RT: 5.774 min Scan# 1757
Delta R.T. 0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 43 Resp: 153134
Ion Ratio Lower Upper
43 100
58 47.8 38.9 58.3





#51

2-Hexanone

Concen: 2.290 ppbv

RT: 7.454 min Scan# 2276

Delta R.T. -0.000 min

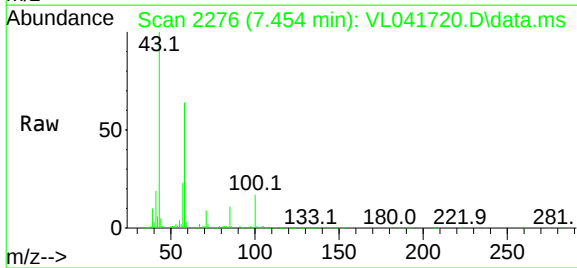
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



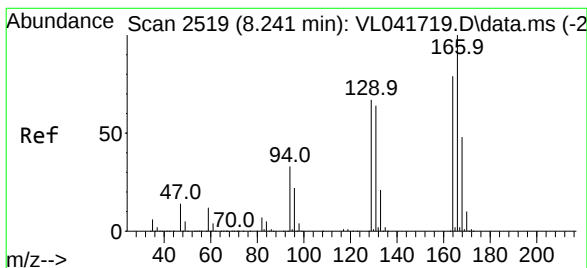
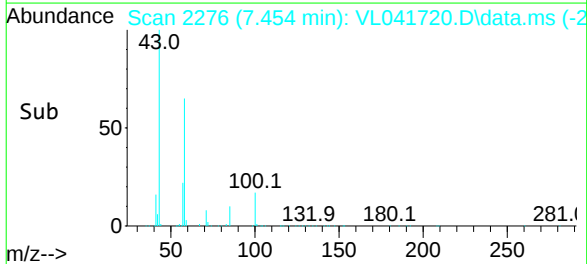
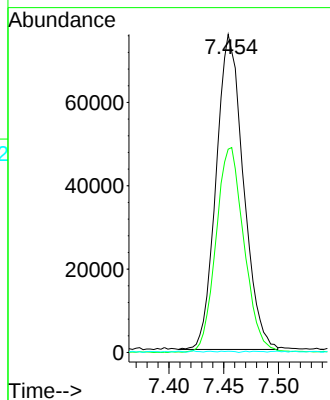
Tgt Ion: 43 Resp: 131059

Ion Ratio Lower Upper

43 100

58 67.4 54.2 81.4

98 0.1 0.2 0.2#



#52

Tetrachloroethene

Concen: 2.092 ppbv

RT: 8.237 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion: 164 Resp: 120747

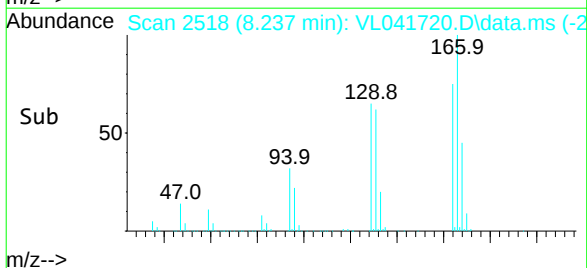
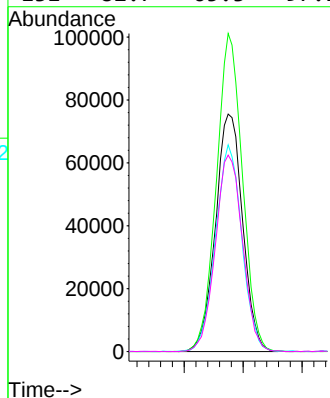
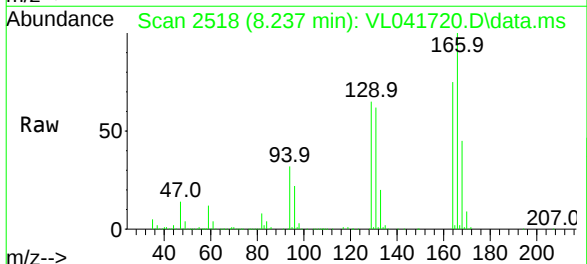
Ion Ratio Lower Upper

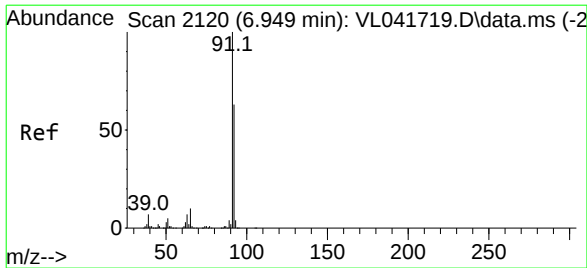
164 100

166 133.9 101.4 152.0

129 86.9 67.6 101.4

131 82.7 65.3 97.9





#53

Toluene

Concen: 2.184 ppbv

RT: 6.949 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

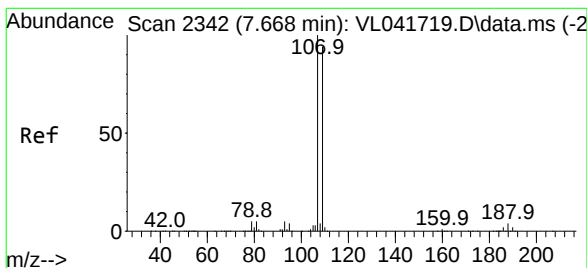
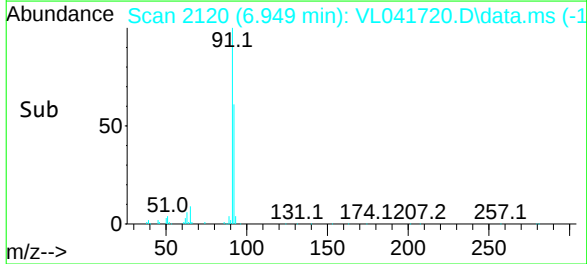
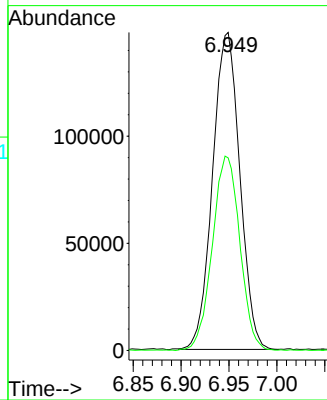
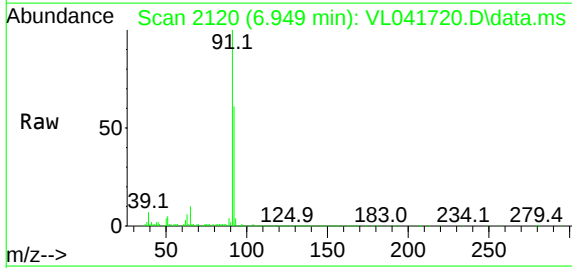
ClientSampleId :

Tgt Ion: 91 Resp: 292341

Ion Ratio Lower Upper

91 100

92 61.8 49.7 74.5



#54

1,2-Dibromoethane

Concen: 2.219 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. -0.000 min

Lab File: VL041720.D

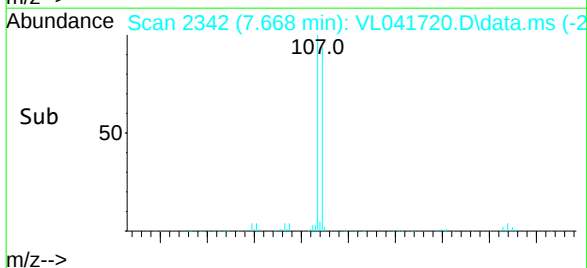
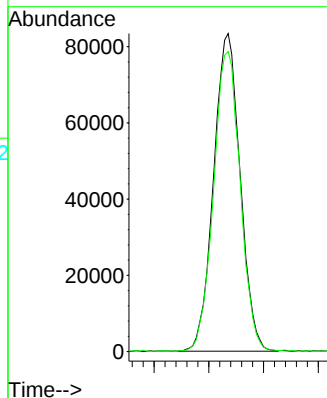
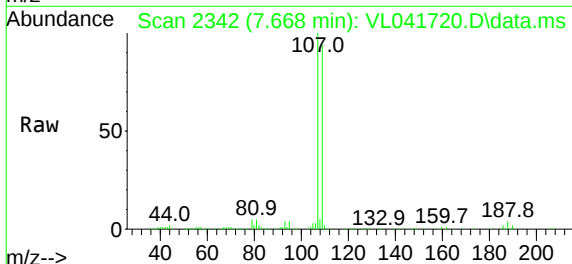
Acq: 11 Dec 2024 14:43

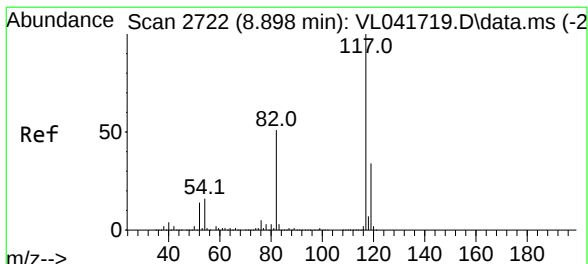
Tgt Ion: 107 Resp: 140215

Ion Ratio Lower Upper

107 100

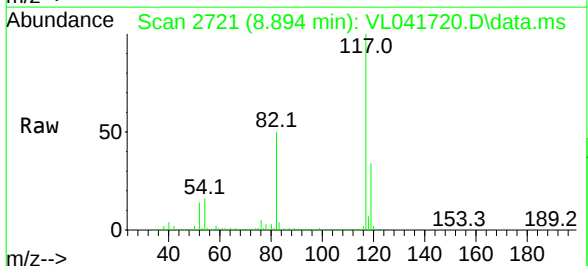
109 94.3 75.5 113.3





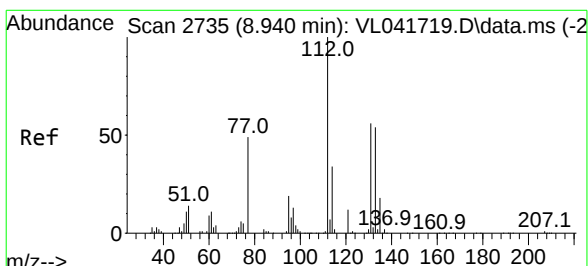
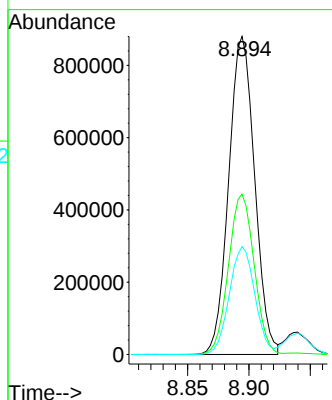
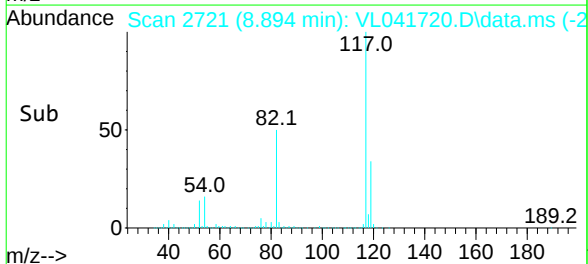
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 8.894 min Scan# 2722
 Delta R.T. -0.003 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:117 Resp: 1295180

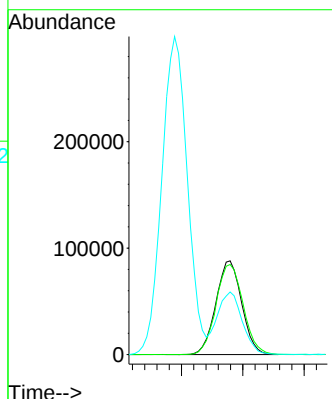
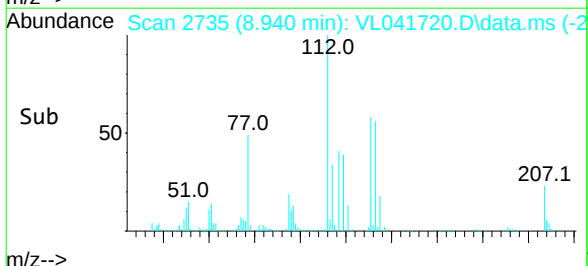
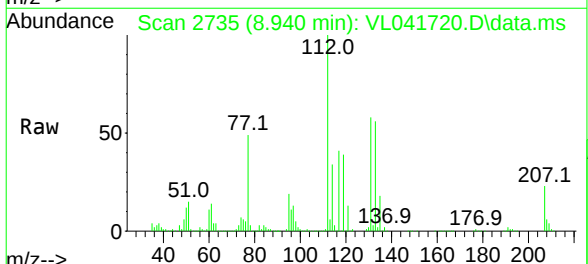
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.3	61.9
119	33.5	25.8	38.8

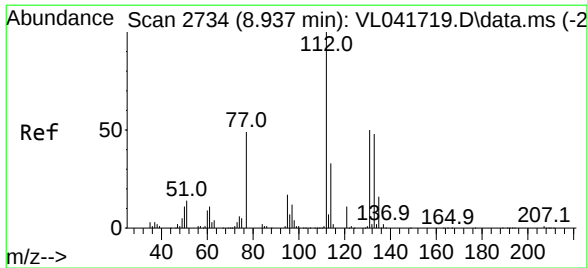


#56
 1,1,1,2-Tetrachloroethane
 Concen: 2.133 ppbv
 RT: 8.940 min Scan# 2735
 Delta R.T. -0.000 min
 Lab File: VL041720.D
 Acq: 11 Dec 2024 14:43

Tgt Ion:131 Resp: 128450

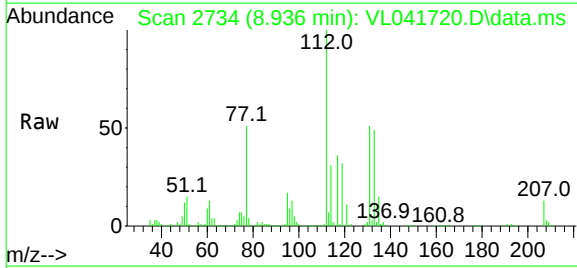
Ion	Ratio	Lower	Upper
131	100		
133	101.4	76.9	115.3
119	62.3	52.6	78.8



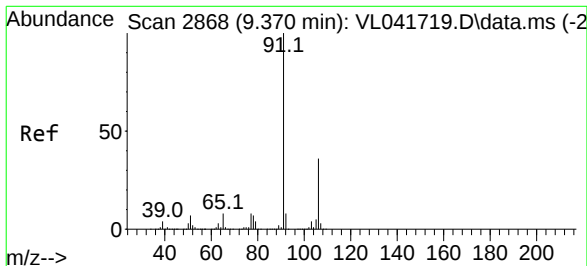
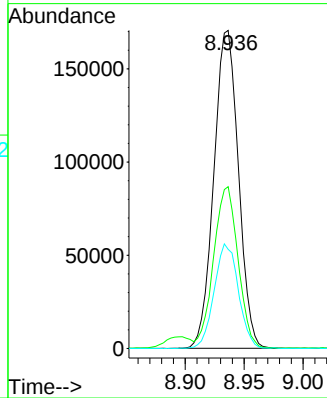
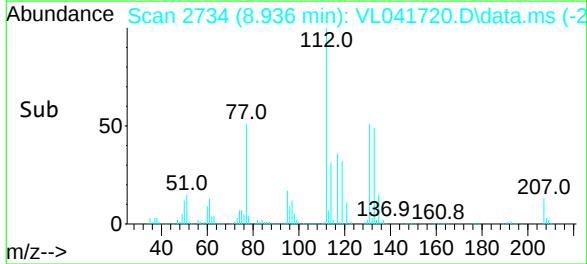


#57
Chlorobenzene
Concen: 2.098 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

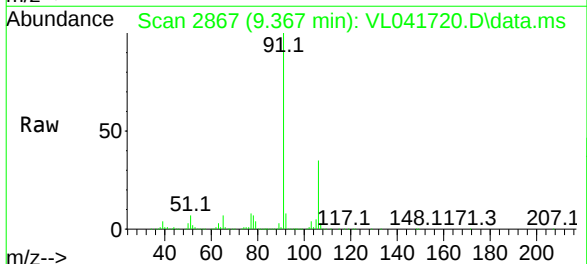
Instrument :
MSVOA_L
ClientSampleId :



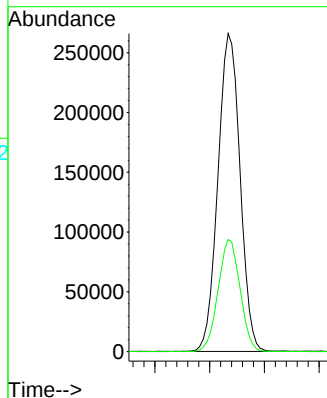
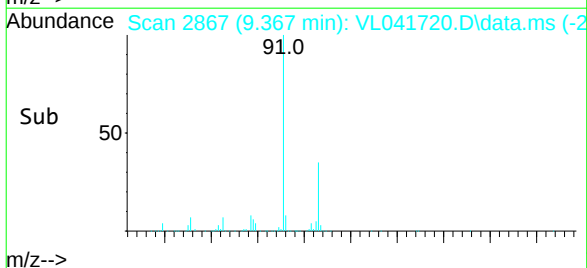
Tgt Ion: 112 Resp: 247207
Ion Ratio Lower Upper
112 100
77 50.8 40.1 60.1
114 31.2 30.2 36.9

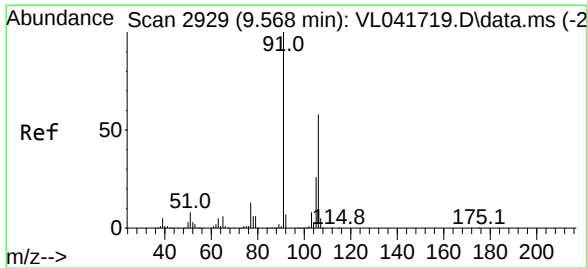


#58
Ethyl Benzene
Concen: 2.154 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43



Tgt Ion: 91 Resp: 373274
Ion Ratio Lower Upper
91 100
106 35.2 28.6 43.0

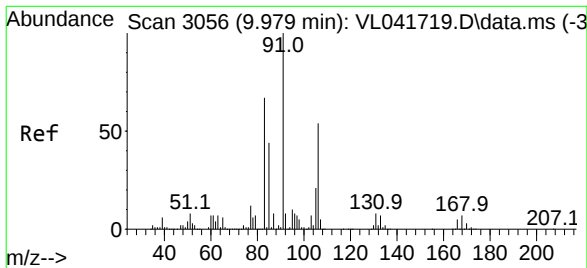
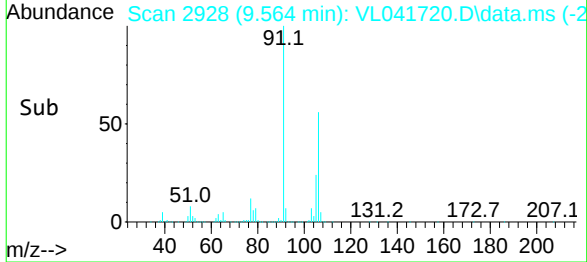
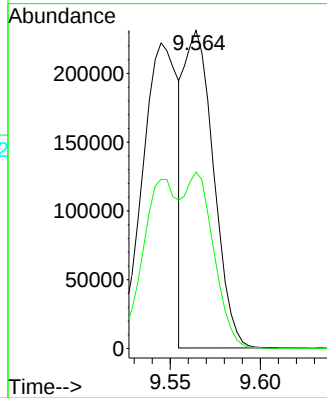
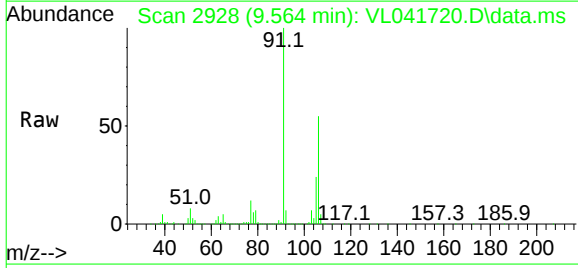




#59
m/p-Xylene
Concen: 1.986 ppbv
RT: 9.564 min Scan# 29
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

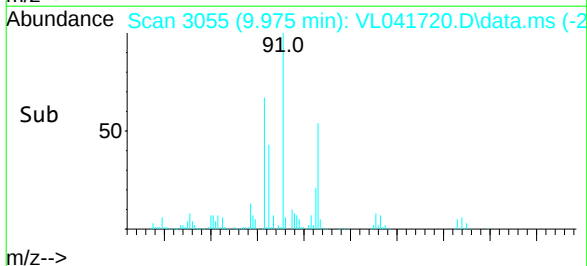
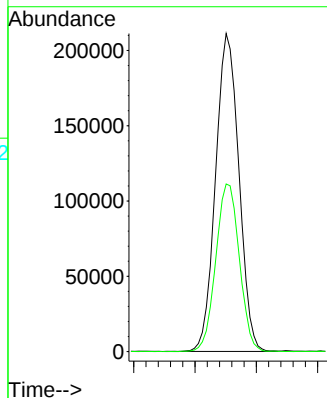
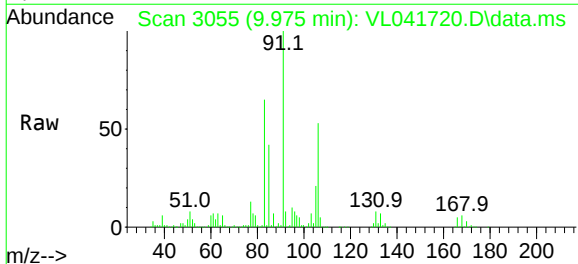
Instrument :
MSVOA_L
ClientSampleId :

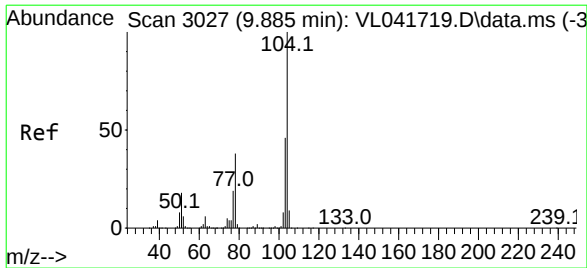
Tgt Ion: 91 Resp: 263728
Ion Ratio Lower Upper
91 100
106 118.8 45.1 67.7#



#60
o-Xylene
Concen: 2.117 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 91 Resp: 278836
Ion Ratio Lower Upper
91 100
106 53.2 26.8 80.4





#61

Styrene

Concen: 2.159 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :

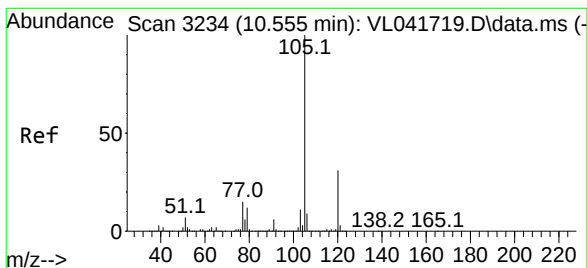
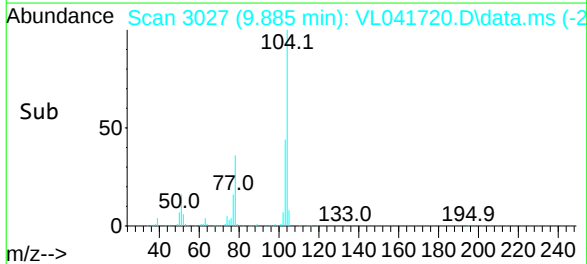
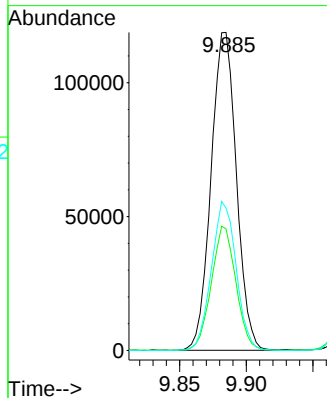
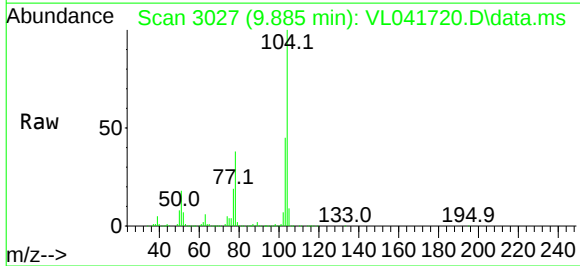
Tgt Ion:104 Resp: 156919

Ion Ratio Lower Upper

104 100

78 37.8 30.2 45.4

103 45.9 36.7 55.1



#62

Isopropylbenzene

Concen: 2.157 ppbv

RT: 10.552 min Scan# 3233

Delta R.T. -0.003 min

Lab File: VL041720.D

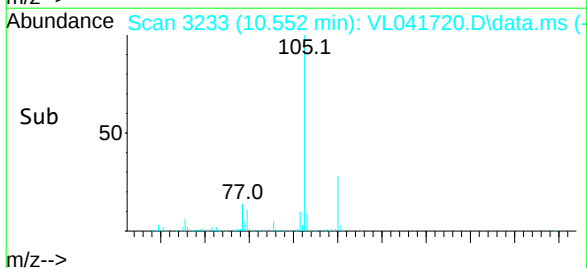
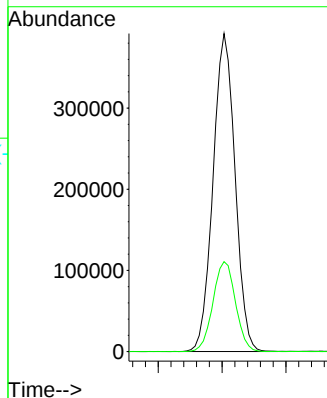
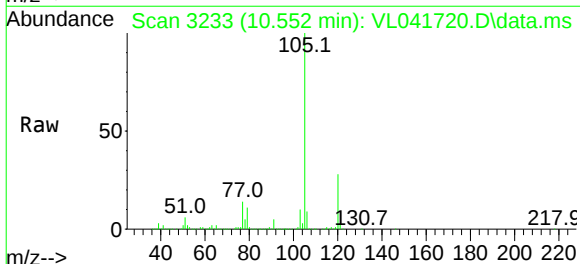
Acq: 11 Dec 2024 14:43

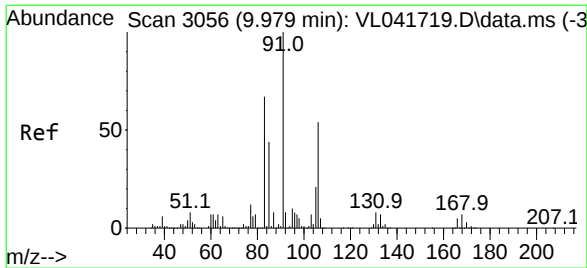
Tgt Ion:105 Resp: 468688

Ion Ratio Lower Upper

105 100

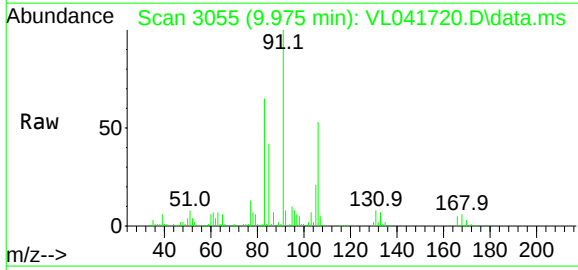
120 28.9 24.3 36.5



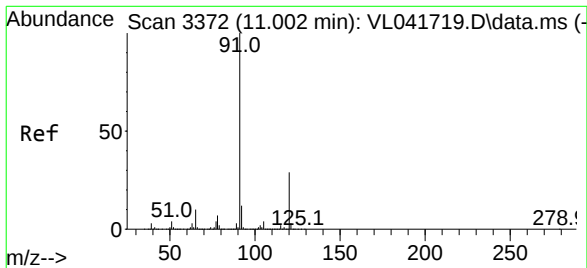
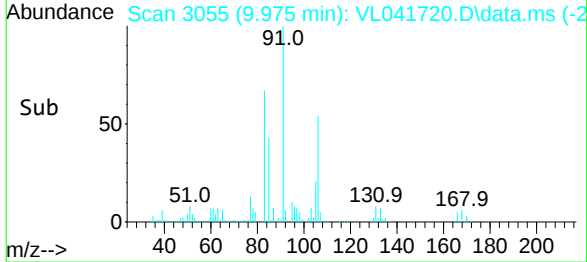
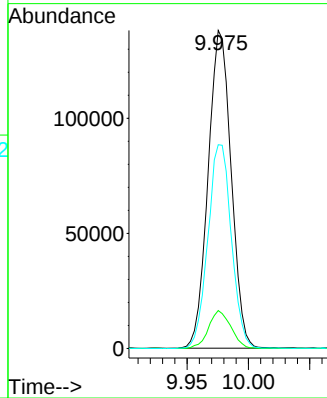


#63
1,1,2,2-Tetrachloroethane
Concen: 2.115 ppbv
RT: 9.975 min Scan# 3056
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :

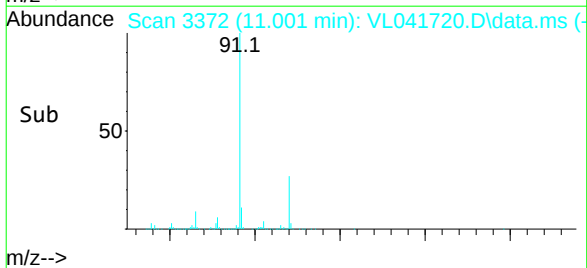
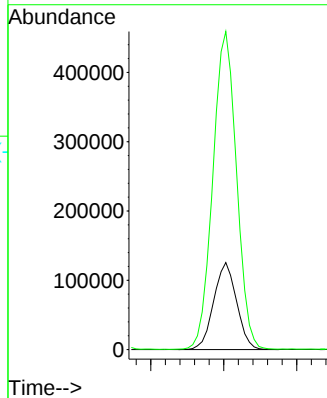
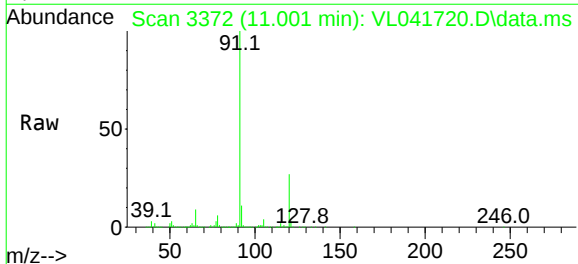


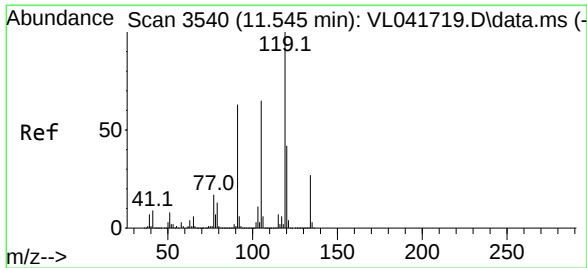
Tgt Ion: 83 Resp: 180232
Ion Ratio Lower Upper
83 100
131 11.7 5.9 17.6
85 65.5 32.8 98.4



#64
n-propylbenzene
Concen: 2.137 ppbv
RT: 11.001 min Scan# 3372
Delta R.T. -0.000 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Tgt Ion: 120 Resp: 136665
Ion Ratio Lower Upper
120 100
91 379.0 290.8 436.2





#65

tert-Butylbenzene

Concen: 2.153 ppbv

RT: 11.542 min Scan# 3540

Delta R.T. -0.003 min

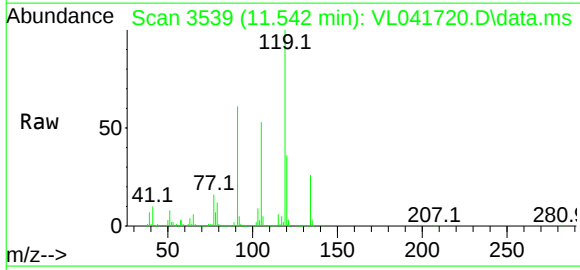
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



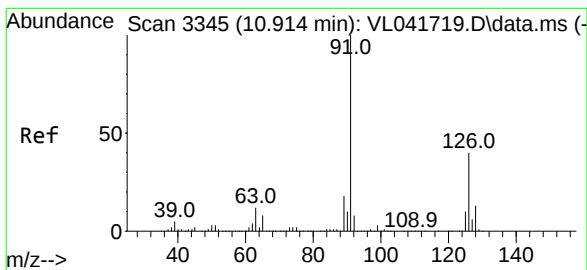
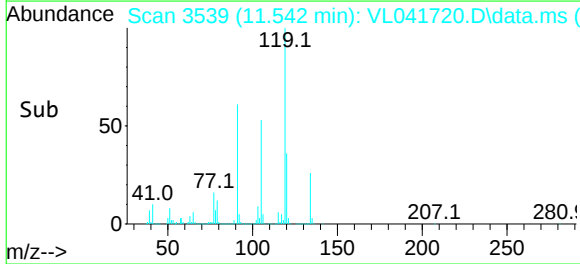
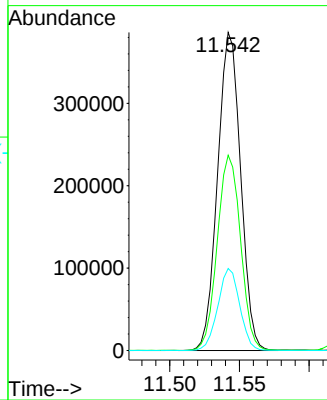
Tgt Ion:119 Resp: 443437

Ion Ratio Lower Upper

119 100

91 62.0 50.2 75.4

134 24.5 20.4 30.6



#66

Benzyl Chloride

Concen: 2.128 ppbv

RT: 10.914 min Scan# 3345

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

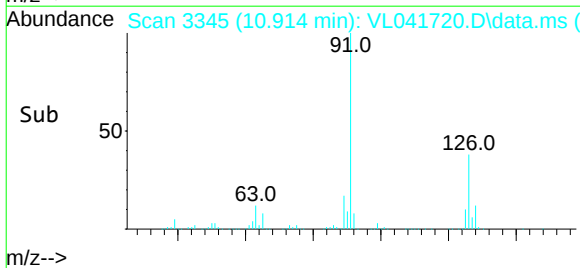
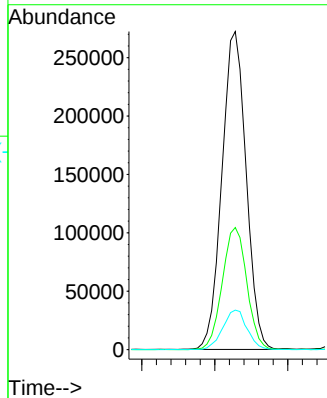
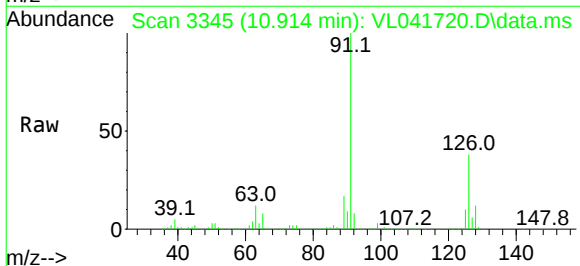
Tgt Ion: 91 Resp: 314226

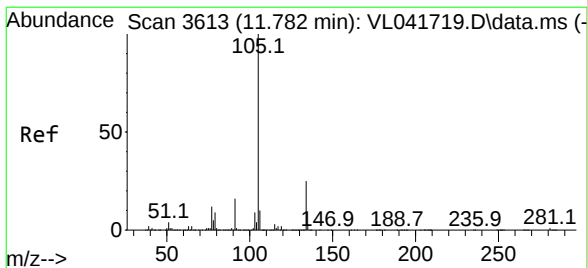
Ion Ratio Lower Upper

91 100

126 38.8 31.8 47.8

128 12.5 10.3 15.5





#67

sec-Butylbenzene

Concen: 2.193 ppbv

RT: 11.778 min Scan# 3612

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

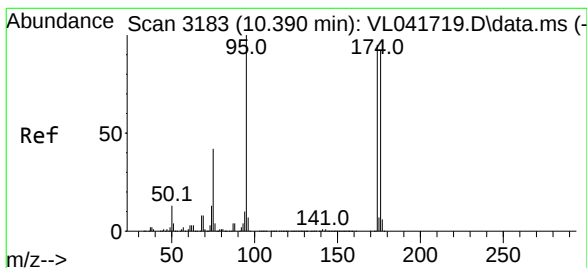
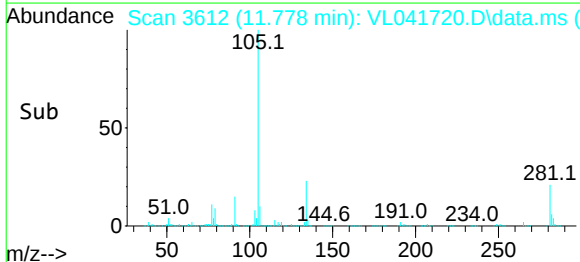
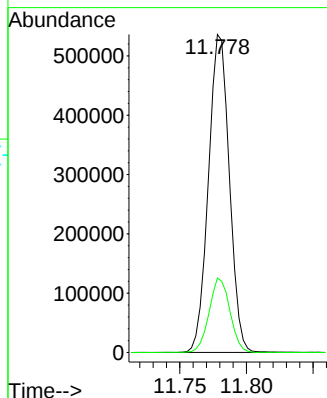
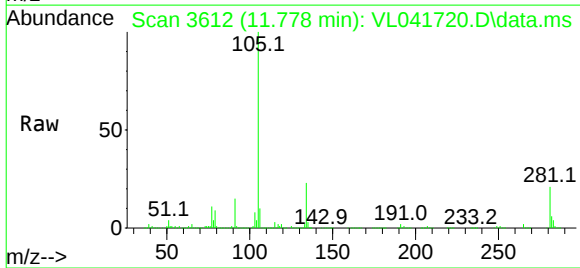
ClientSampleId :

Tgt Ion:105 Resp: 584643

Ion Ratio Lower Upper

105 100

134 23.4 19.3 28.9



#68

1-Bromo-4-Fluorobenzene

Concen: 10.059 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

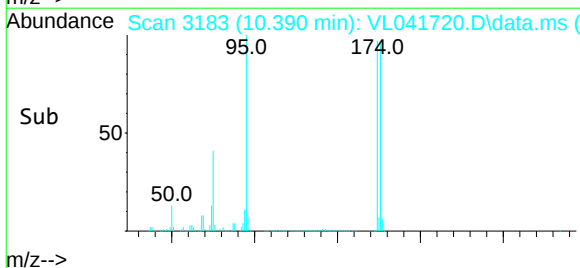
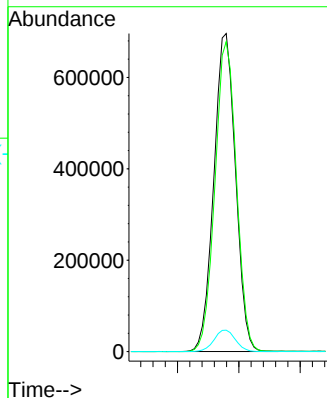
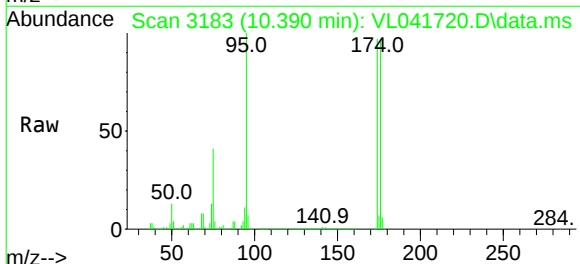
Tgt Ion: 95 Resp: 856439

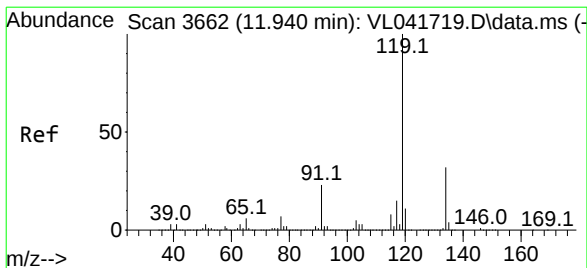
Ion Ratio Lower Upper

95 100

174 96.3 76.7 115.1

175 6.7 5.4 8.2





#69

p-Isopropyltoluene

Concen: 2.191 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. -0.003 min

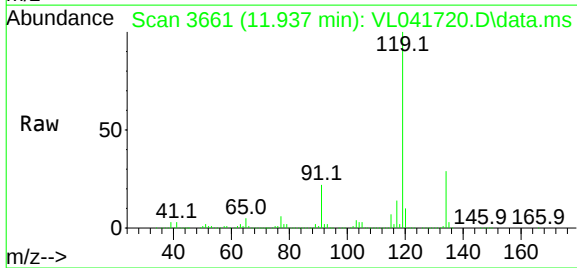
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



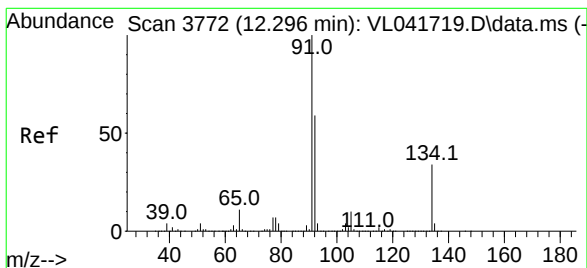
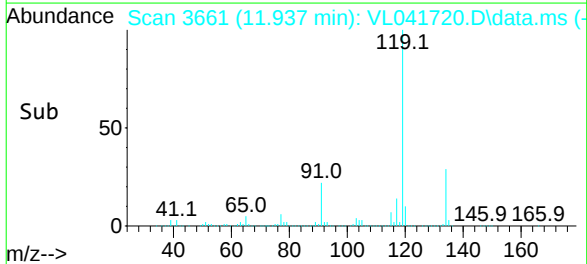
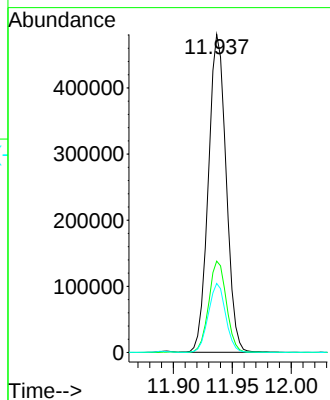
Tgt Ion:119 Resp: 503847

Ion Ratio Lower Upper

119 100

134 28.7 24.6 36.8

91 21.4 17.8 26.8



#70

n-Butylbenzene

Concen: 2.167 ppbv

RT: 12.293 min Scan# 3771

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

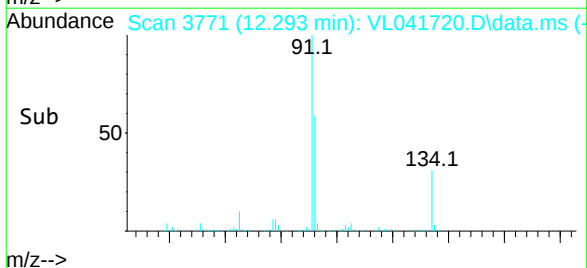
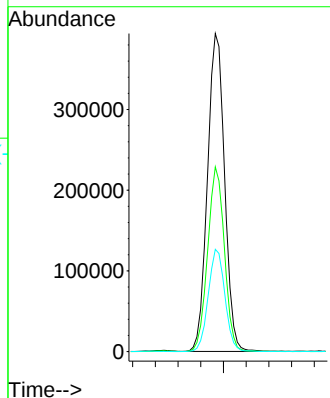
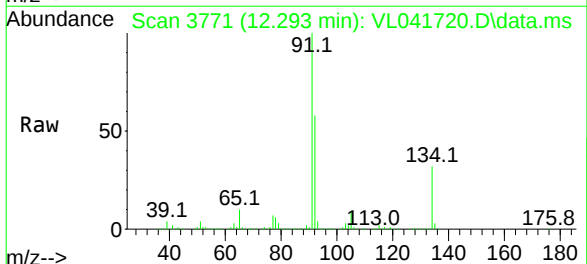
Tgt Ion: 91 Resp: 413520

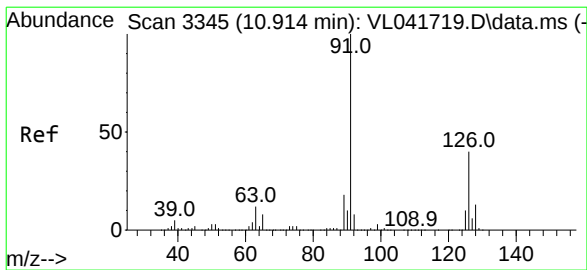
Ion Ratio Lower Upper

91 100

92 57.1 46.7 70.1

134 31.4 26.2 39.4





#71

2-Chlorotoluene

Concen: 2.128 ppbv

RT: 10.914 min Scan# 3345

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

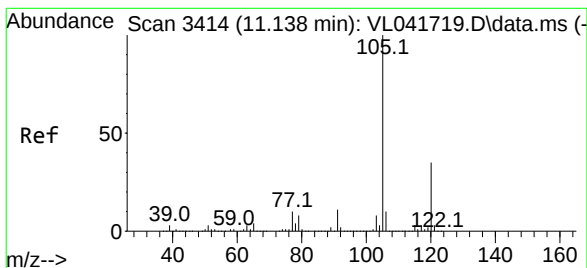
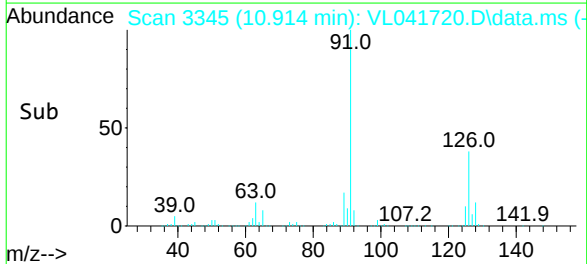
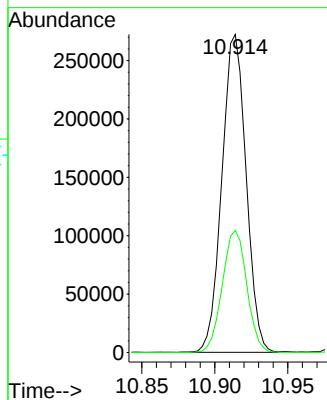
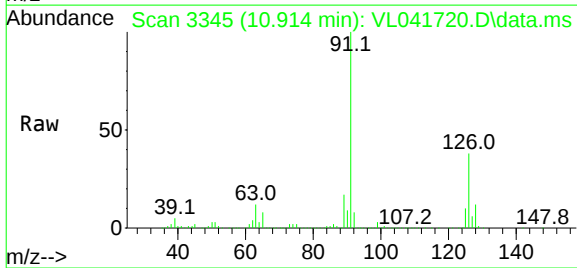
ClientSampleId :

Tgt Ion: 91 Resp: 314226

Ion Ratio Lower Upper

91 100

126 38.8 15.9 63.7



#72

4-Ethyltoluene

Concen: 2.138 ppbv

RT: 11.137 min Scan# 3414

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion: 105 Resp: 363629

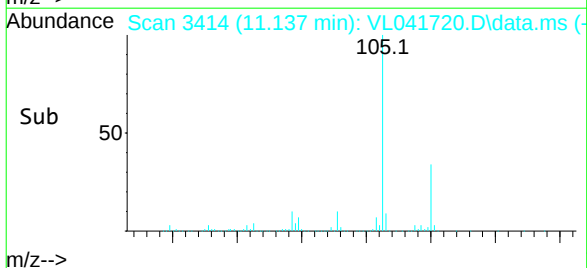
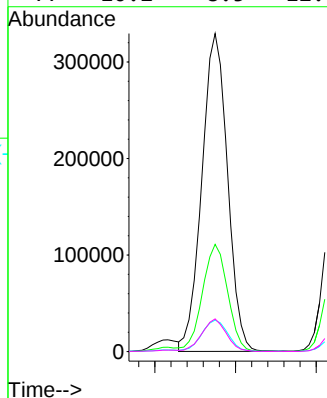
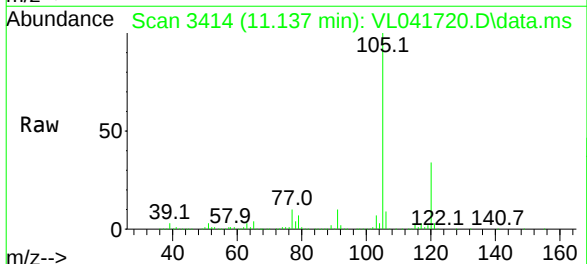
Ion Ratio Lower Upper

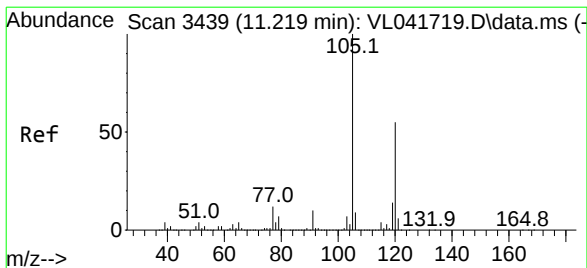
105 100

120 34.5 28.0 42.0

91 10.5 8.8 13.2

77 10.2 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 2.102 ppbv

RT: 11.215 min Scan# 3439

Delta R.T. -0.003 min

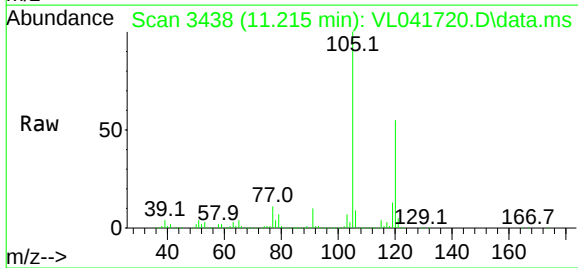
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :

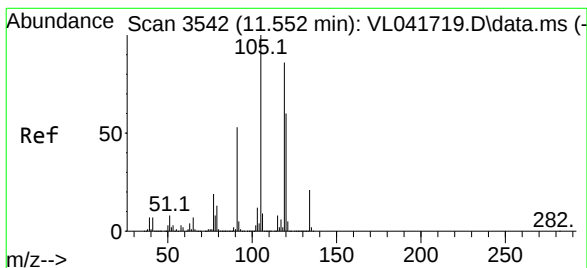
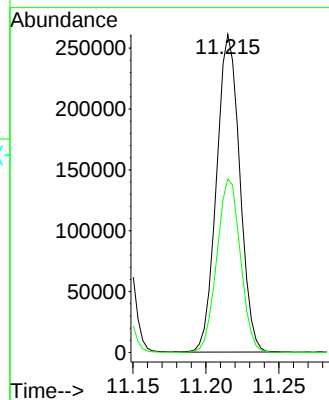
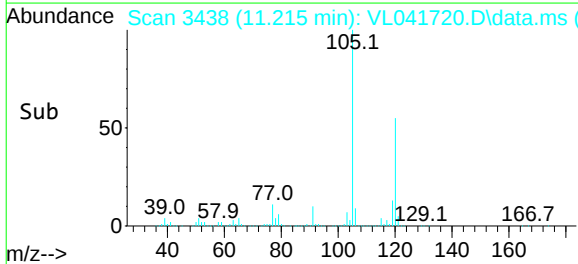


Tgt Ion:105 Resp: 289211

Ion Ratio Lower Upper

105 100

120 54.6 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 2.126 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.003 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Tgt Ion:105 Resp: 317920

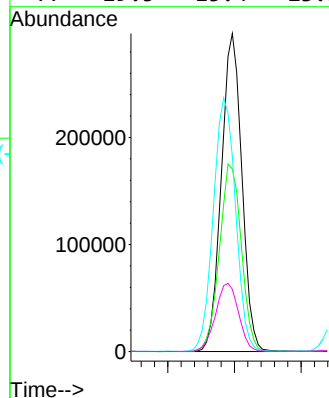
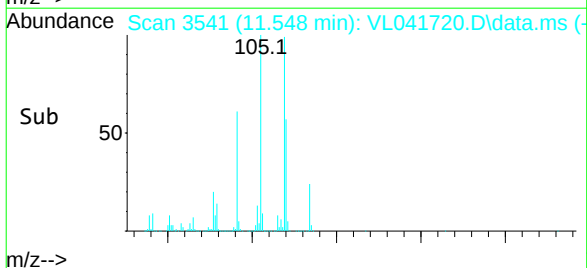
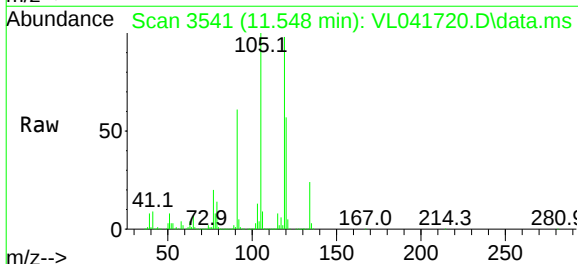
Ion Ratio Lower Upper

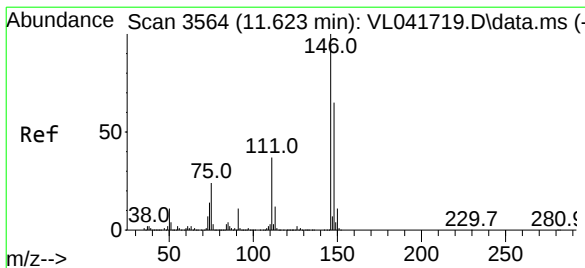
105 100

120 57.4 47.8 71.6

91 61.4 42.5 63.7

77 19.5 15.4 23.2





#75

1,3-Dichlorobenzene

Concen: 2.113 ppbv

RT: 11.620 min Scan# 3564

Delta R.T. -0.003 min

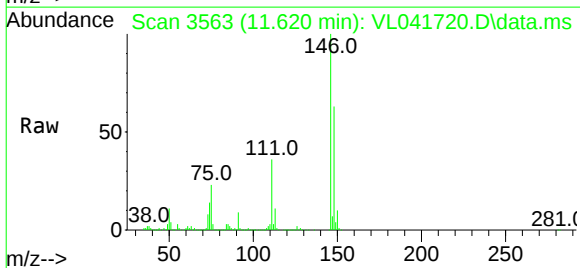
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



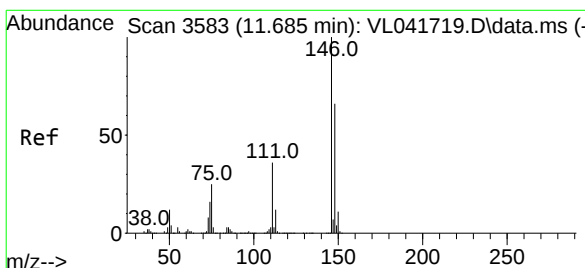
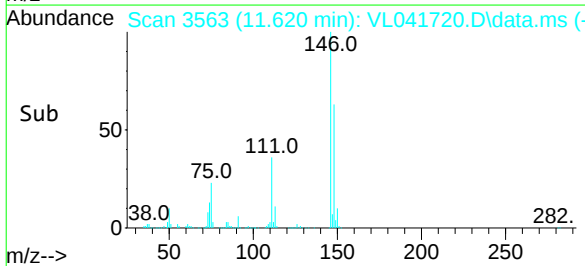
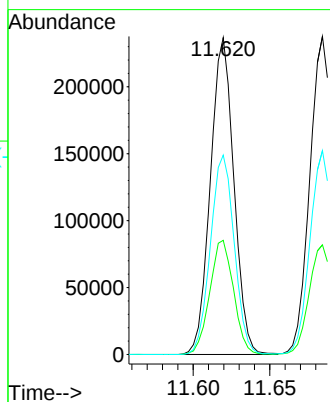
Tgt Ion:146 Resp: 252474

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.2

148 63.9 32.4 97.2



#76

1,4-Dichlorobenzene

Concen: 2.107 ppbv

RT: 11.684 min Scan# 3583

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

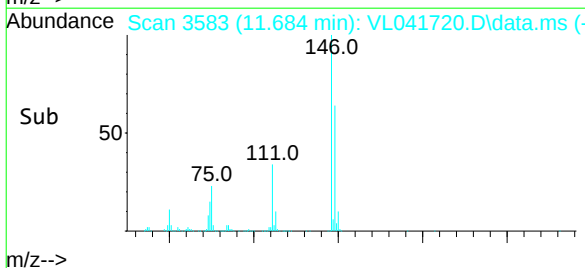
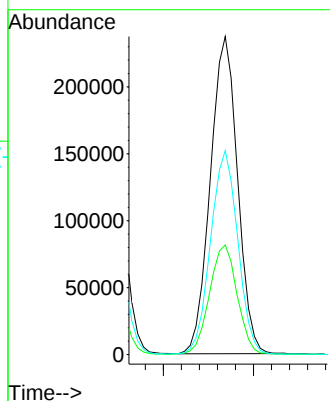
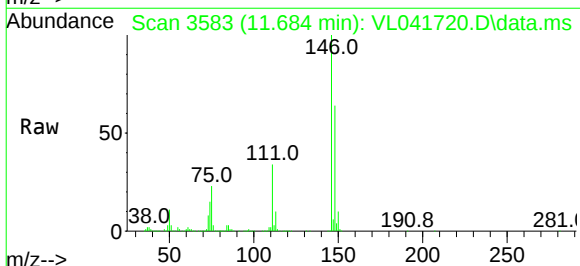
Tgt Ion:146 Resp: 248692

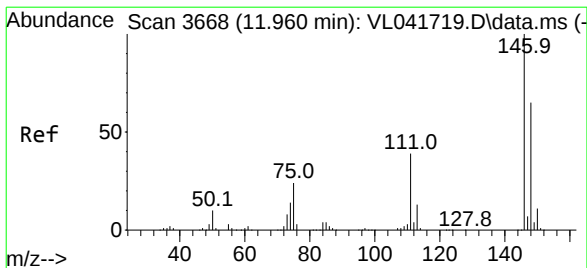
Ion Ratio Lower Upper

146 100

111 35.3 17.8 53.4

148 64.6 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 2.105 ppbv

RT: 11.959 min Scan# 3668

Delta R.T. -0.000 min

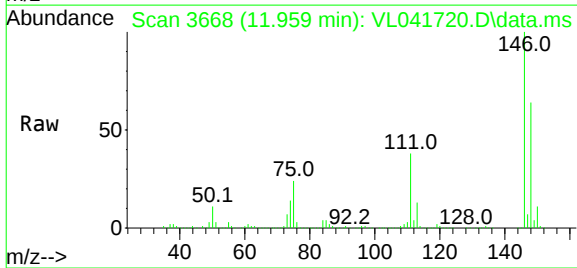
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

Instrument :

MSVOA_L

ClientSampleId :



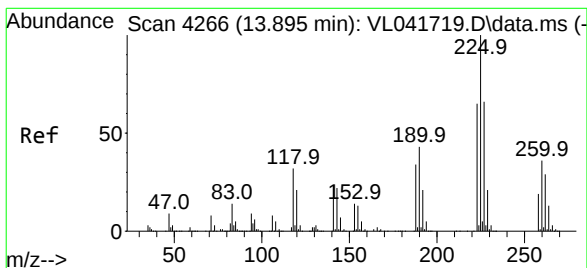
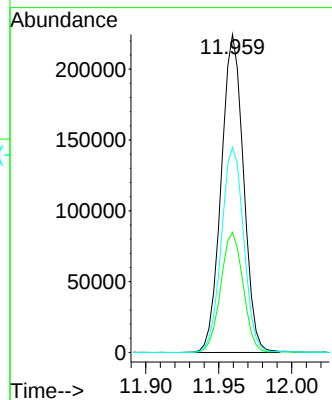
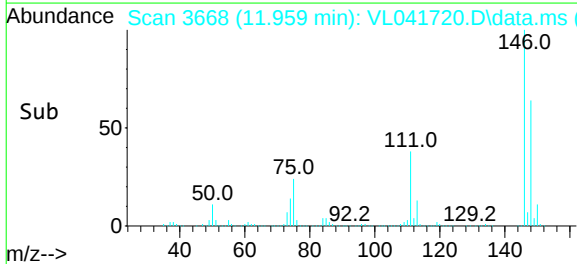
Tgt Ion:146 Resp: 238217

Ion Ratio Lower Upper

146 100

111 38.2 19.2 57.6

148 65.1 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 2.273 ppbv

RT: 13.895 min Scan# 4266

Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

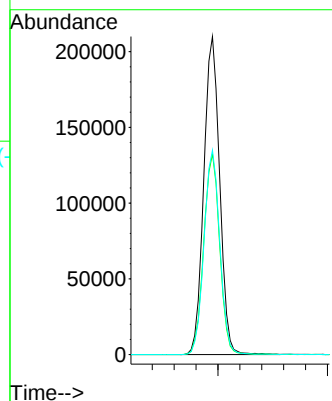
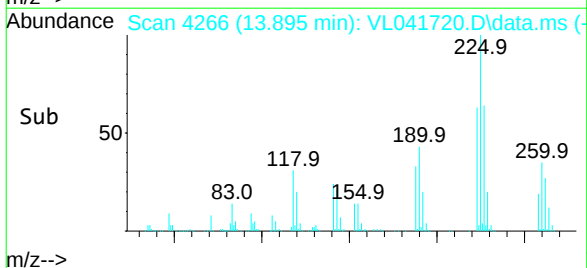
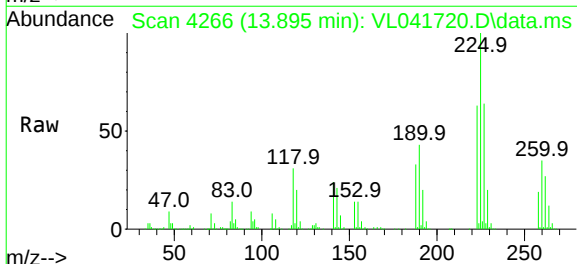
Tgt Ion:225 Resp: 211434

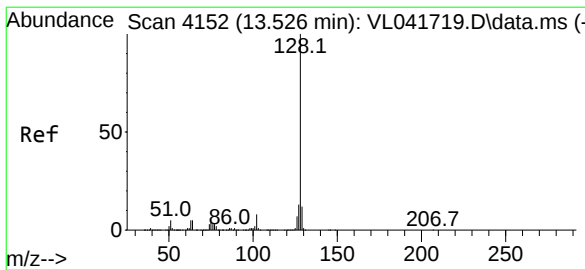
Ion Ratio Lower Upper

225 100

223 63.3 51.1 76.7

227 64.1 51.8 77.6





#79

Naphthalene

Concen: 2.285 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. -0.000 min

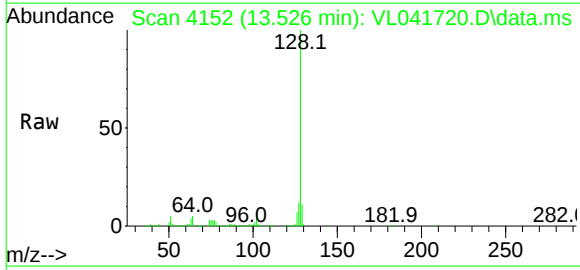
Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

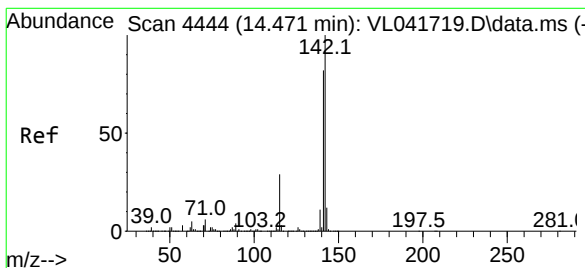
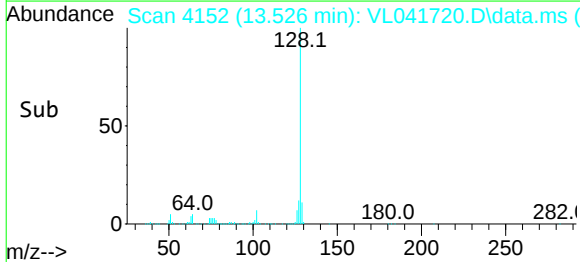
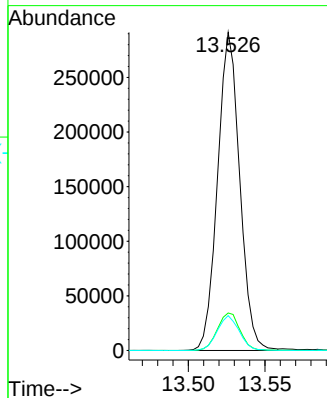
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	128	Resp:	292520
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	11.0	9.4	14.0



#80

Naphthalene, 2-methyl-

Concen: 1.554 ppbv

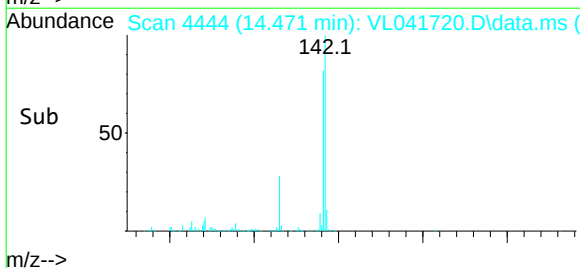
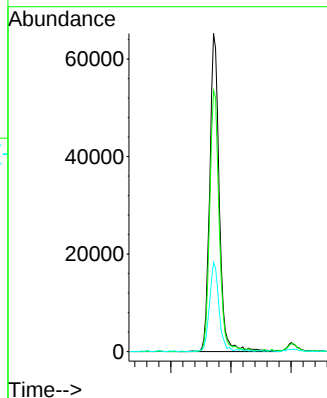
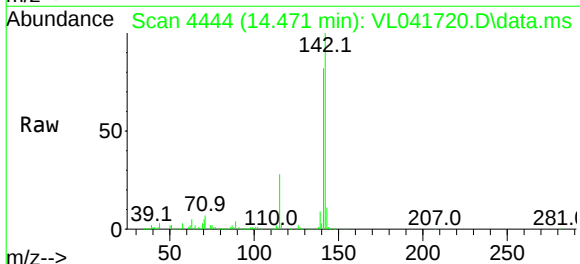
RT: 14.471 min Scan# 4444

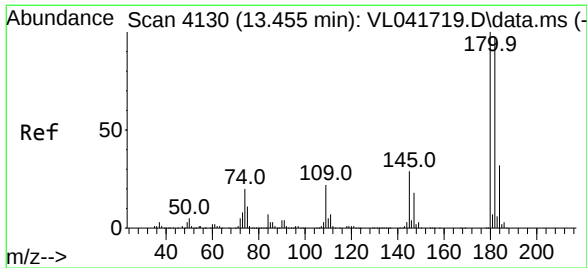
Delta R.T. -0.000 min

Lab File: VL041720.D

Acq: 11 Dec 2024 14:43

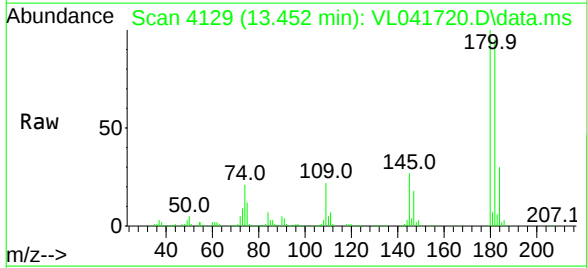
Tgt Ion:	142	Resp:	71957
Ion	Ratio	Lower	Upper
142	100		
141	81.8	66.0	99.0
115	28.4	22.8	34.2





#81
1,2,4-Trichlorobenzene
Concen: 2.091 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041720.D
Acq: 11 Dec 2024 14:43

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:180 Resp: 168514
Ion Ratio Lower Upper
180 100
182 95.2 77.2 115.8
184 30.7 25.2 37.8

