

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041736.D
 Acq On : 11 Dec 2024 23:41
 Operator : SY/MD
 Sample : VL1211ABS02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 12 13:40:07 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 13:35:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	261097	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	1256819	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	1119484	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.383	95	748643	10.173	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	573861	12.522	ppbv	99
3) Chlorodifluoromethane	1.473	51	312858	8.802	ppbv	100
4) Chloromethane	1.531	50	151976	12.496	ppbv	100
5) Vinyl Chloride	1.580	62	183614	12.327	ppbv	98
6) Bromomethane	1.667	94	109854	11.245	ppbv	98
7) Chloroethane	1.706	64	80077	12.358	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	505121	13.517	ppbv	93
9) Propene	1.483	41	140359	9.261	ppbv	100
10) Heptane	4.985	43	389580	9.298	ppbv	100
11) Trichlorofluoromethane	1.877	101	636038	12.053	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.140	101	544749	11.465	ppbv	96
13) Ethanol	1.719	45	4539	3.621	ppbv	94
14) Bromoethene	1.780	108	220586	12.666	ppbv	99
15) Acetone	1.832	43	272588	9.043	ppbv	97
16) 1,3-Butadiene	1.609	39	115584	11.430	ppbv	95
17) tert-Butyl alcohol	2.036	59	459881	10.523	ppbv	99
18) 1,1-Dichloroethene	2.036	96	249219	11.544	ppbv	93
19) Isopropyl Alcohol	1.884	45	176169	6.152	ppbv	89
20) Methylene Chloride	2.062	84	196900	10.783	ppbv	99
21) Allyl Chloride	2.098	41	191604	11.288	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	283158	11.297	ppbv	99
23) Vinyl Acetate	2.460	43	192655	10.554	ppbv	99
24) 1,1-Dichloroethane	2.408	63	390113	11.492	ppbv	99
25) Ethyl Acetate	4.985	43	389580	9.298	ppbv #	100
26) Hexane	2.829	57	373436	9.190	ppbv	97
27) Carbon Disulfide	2.153	76	482015	11.521	ppbv	99
28) Methyl tert-Butyl Ether	2.437	73	305838	10.028	ppbv	100
29) Chloroform	2.848	83	571553	9.188	ppbv	100
30) Cyclohexane	3.862	84	417800	9.155	ppbv	97
31) cis-1,2-Dichloroethene	2.722	61	345579	9.181	ppbv	100
32) 1,1,1-Trichloroethane	3.370	97	568384	9.292	ppbv	99
34) 2-Butanone	2.554	43	399186	9.071	ppbv	99
35) Carbon Tetrachloride	3.768	117	587873	10.043	ppbv	99
36) Benzene	3.661	78	924536	9.356	ppbv	99
37) 1,2-Dichloroethane	3.217	62	341701	9.572	ppbv	99
38) Trichloroethene	4.551	130	665444	12.985	ppbv	99
39) 1,2-Dichloropropane	4.315	63	299887	9.524	ppbv	99
40) 1,4-Dioxane	4.583	88	164924	8.681	ppbv #	98
41) Tetrahydrofuran	3.052	42	252295	9.514	ppbv	99
42) Bromodichloromethane	4.493	83	575114	9.979	ppbv	98
43) Methyl Methacrylate	4.881	69	336365	9.450	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	1295064	9.415	ppbv	100
45) t-1,3-Dichloropropene	6.418	75	272243	7.839	ppbv	99

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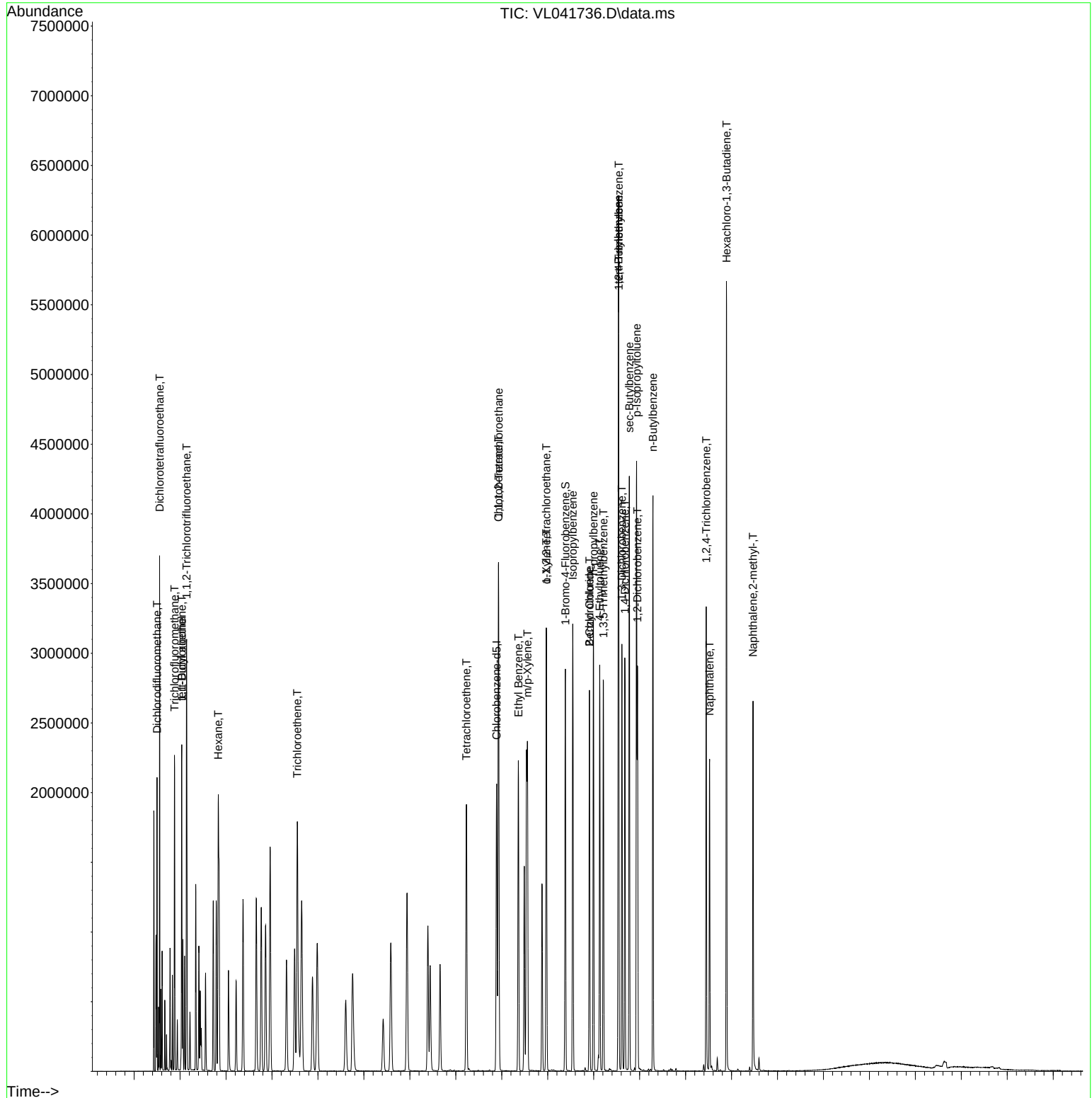
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	393505	8.536	ppbv	99
47) 1,1,2-Trichloroethane	6.587	97	387693	9.247	ppbv	98
48) Dibromochloromethane	7.393	129	591298	9.788	ppbv	99
49) Bromoform	9.490	173	562391	9.730	ppbv	100
50) 4-Methyl-2-Pentanone	5.752	43	602605	9.548	ppbv	99
51) 2-Hexanone	7.441	43	473720	9.125	ppbv	99
52) Tetrachloroethene	8.231	164	463566	8.854	ppbv	99
53) Toluene	6.940	91	1119426	9.218	ppbv	100
54) 1,2-Dibromoethane	7.658	107	528001	9.212	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.930	131	490202	9.418	ppbv	100
57) Chlorobenzene	8.927	112	933220	9.161	ppbv	99
58) Ethyl Benzene	9.361	91	1398960	9.338	ppbv	100
59) m/p-Xylene	9.558	91	985333	8.582	ppbv #	12
60) o-Xylene	9.969	91	1073122	9.428	ppbv	99
61) Styrene	9.875	104	599403	9.540	ppbv	99
62) Isopropylbenzene	10.545	105	1695295	9.029	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	390592	5.304	ppbv	100
64) n-propylbenzene	10.995	120	510127	9.227	ppbv	97
65) tert-Butylbenzene	11.539	119	1626384	9.137	ppbv	99
66) Benzyl Chloride	10.908	91	1150559	9.014	ppbv	99
67) sec-Butylbenzene	11.775	105	2093007	9.084	ppbv	99
69) p-Isopropyltoluene	11.934	119	1823257	9.175	ppbv	99
70) n-Butylbenzene	12.290	91	1549304	9.395	ppbv	99
71) 2-Chlorotoluene	10.908	91	1150559	9.014	ppbv	98
72) 4-Ethyltoluene	11.131	105	1389535	9.454	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	1145161	9.631	ppbv	100
74) 1,2,4-Trimethylbenzene	11.545	105	1257260	9.726	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	928333	8.987	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	923709	9.054	ppbv	100
77) 1,2-Dichlorobenzene	11.953	146	883309	9.031	ppbv	100
78) Hexachloro-1,3-Butadiene	13.892	225	771483	9.596	ppbv	100
79) Naphthalene	13.523	128	1230885	11.125	ppbv	100
80) Naphthalene,2-methyl-	14.468	142	920550	22.997	ppbv	99
81) 1,2,4-Trichlorobenzene	13.448	180	746302	10.713	ppbv	100

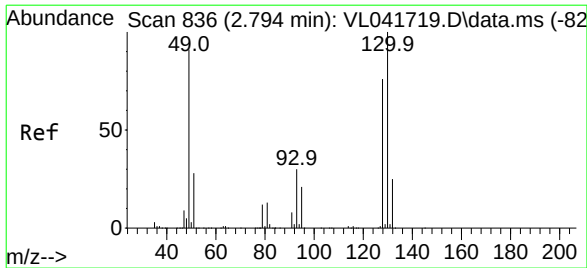
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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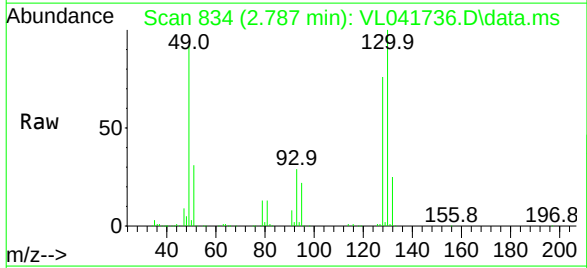
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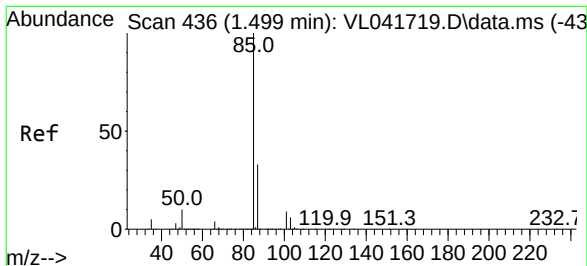
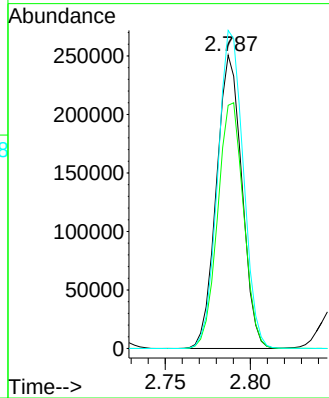
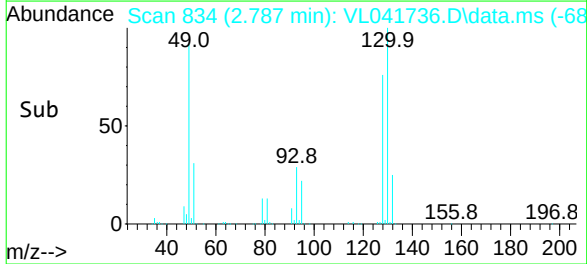


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 836
Delta R.T. -0.007 min
Lab File: VL041736.D
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MSVOA_L
ClientSampleId :

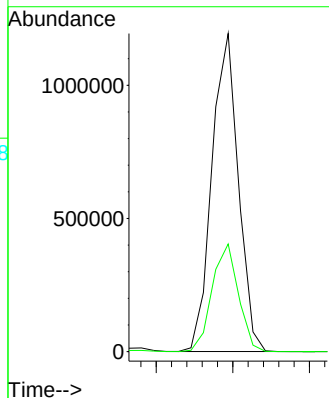
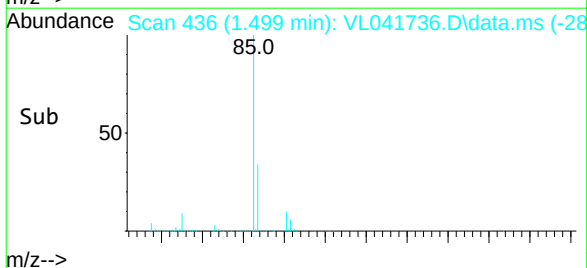
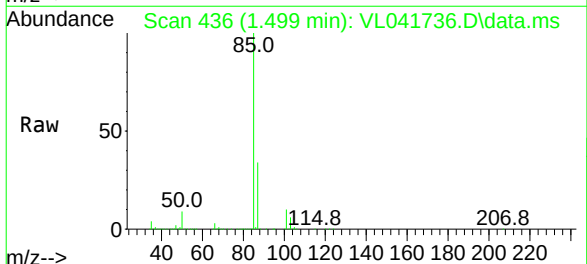


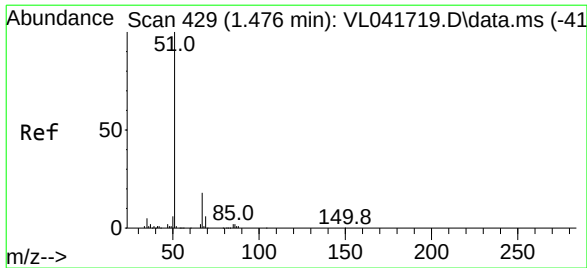
Tgt Ion: 49 Resp: 261097
Ion Ratio Lower Upper
49 100
128 85.0 42.8 128.3
130 109.1 55.8 167.4



#2
Dichlorodifluoromethane
Concen: 12.522 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 85 Resp: 573861
Ion Ratio Lower Upper
85 100
87 33.9 26.6 39.8

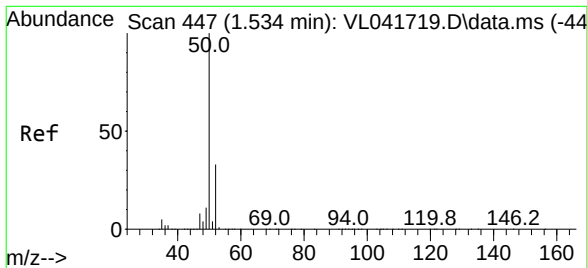
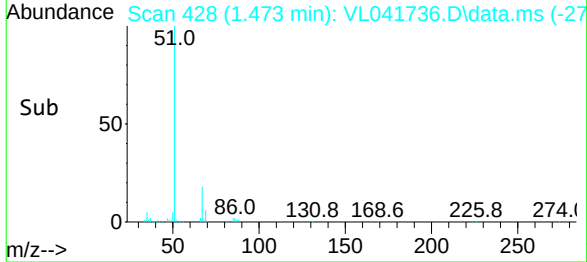
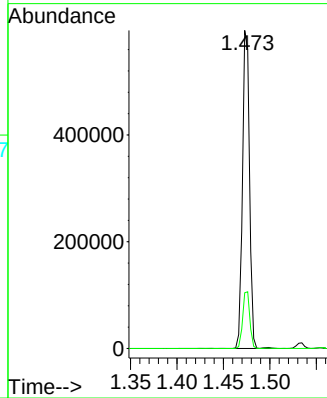
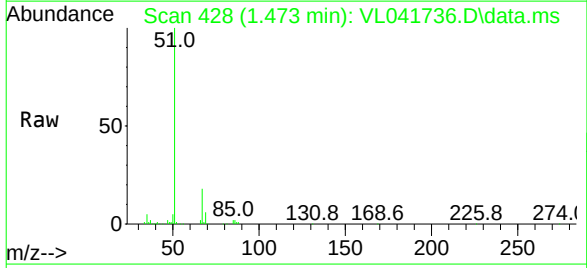




#3
Chlorodifluoromethane
Concen: 8.802 ppbv
RT: 1.473 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

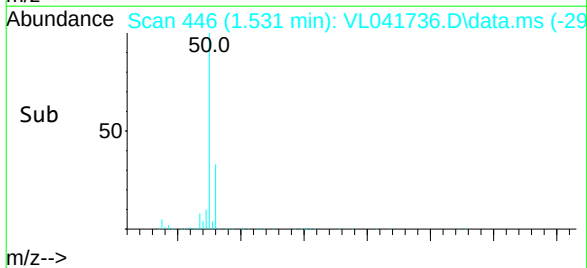
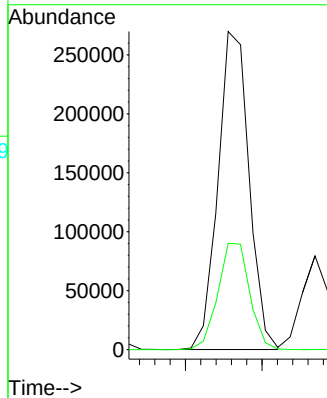
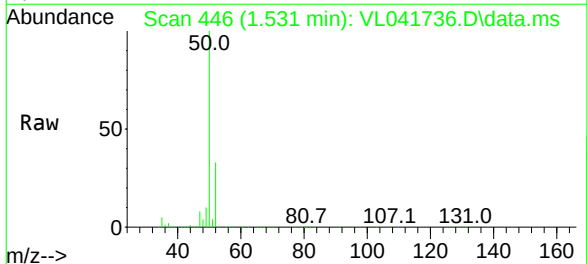
Instrument :
MSVOA_L
ClientSampleId :

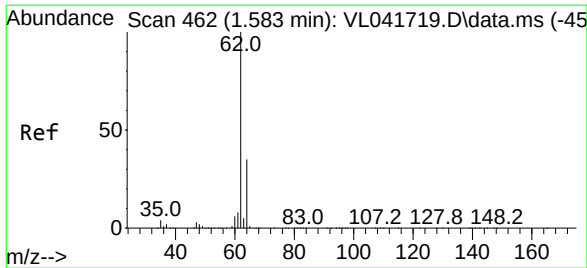
Tgt Ion: 51 Resp: 312858
Ion Ratio Lower Upper
51 100
67 18.2 14.6 21.8



#4
Chloromethane
Concen: 12.496 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

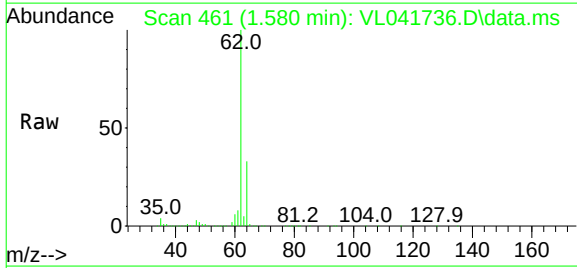
Tgt Ion: 50 Resp: 151976
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



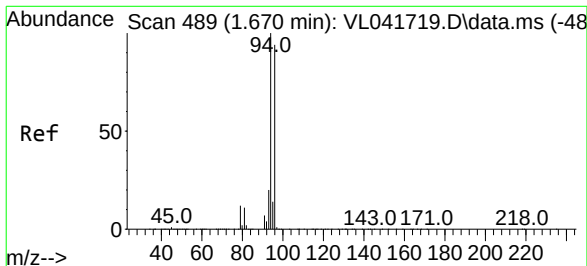
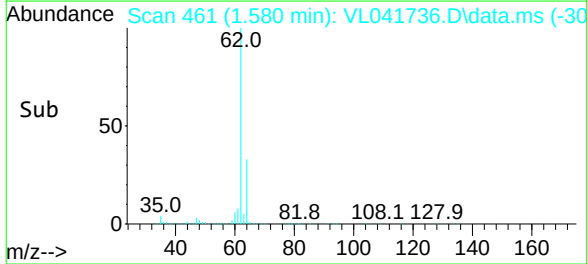
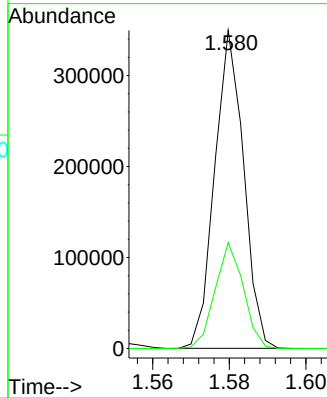


#5
 Vinyl Chloride
 Concen: 12.327 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :
 MSVOA_L
 ClientSampleId :

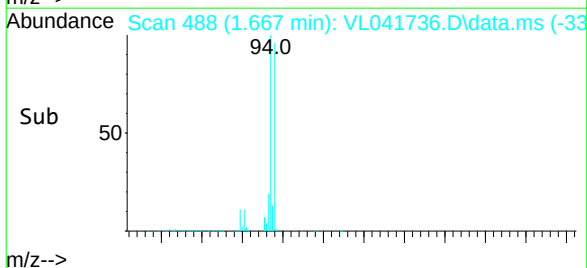
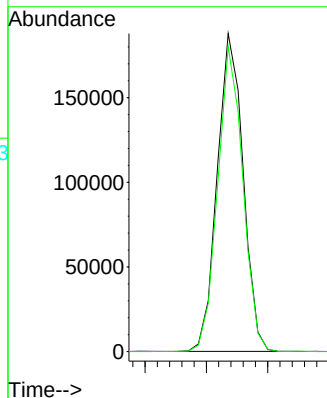
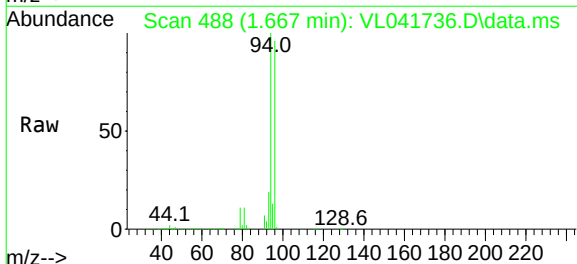


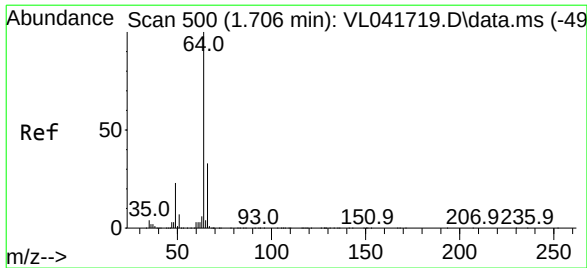
Tgt Ion: 62 Resp: 183614
 Ion Ratio Lower Upper
 62 100
 64 33.3 27.6 41.4



#6
 Bromomethane
 Concen: 11.245 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Tgt Ion: 94 Resp: 109854
 Ion Ratio Lower Upper
 94 100
 96 95.8 75.4 113.0

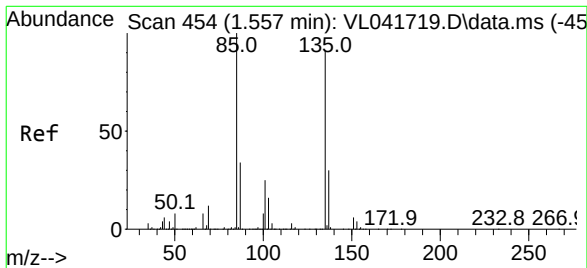
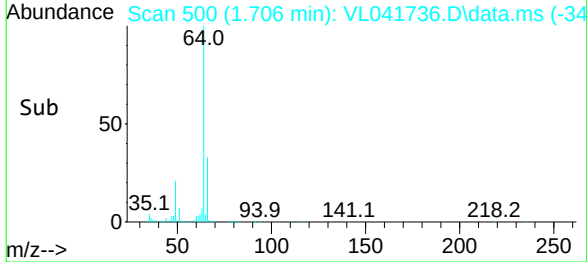
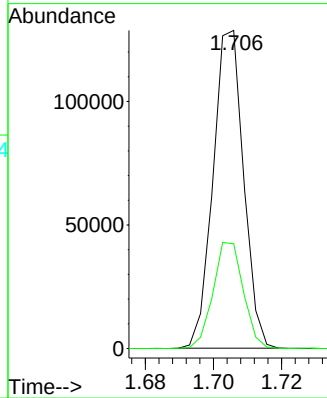
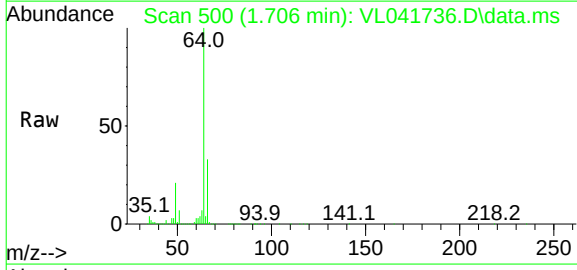




#7
Chloroethane
Concen: 12.358 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

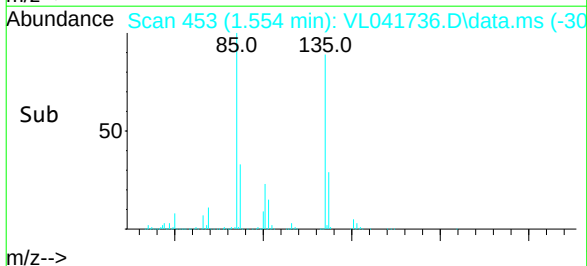
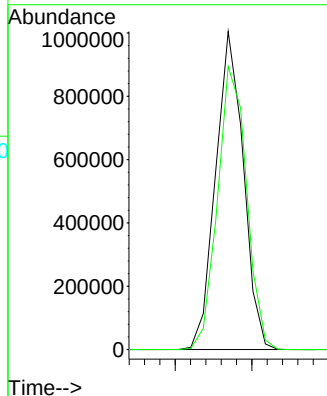
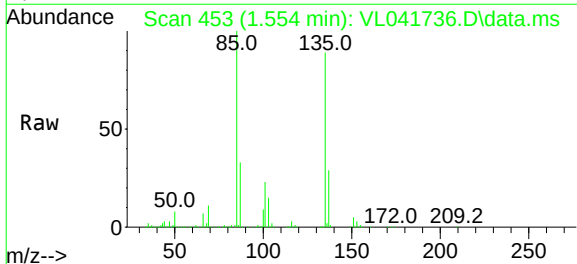
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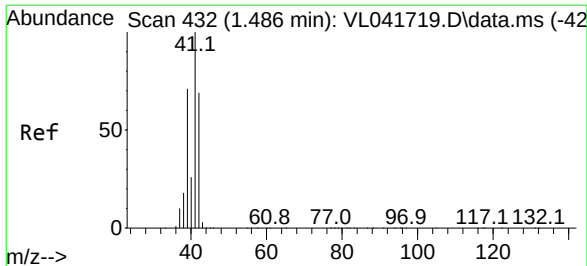
Tgt Ion: 64 Resp: 80077
Ion Ratio Lower Upper
64 100
66 32.9 26.5 39.7



#8
Dichlorotetrafluoroethane
Concen: 13.517 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 85 Resp: 505121
Ion Ratio Lower Upper
85 100
135 92.9 69.0 103.6





#9

Propene

Concen: 9.261 ppbv

RT: 1.483 min Scan# 43

Delta R.T. -0.003 min

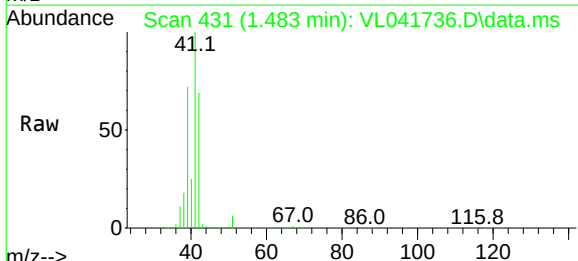
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Instrument :

MSVOA_L

ClientSampleId :

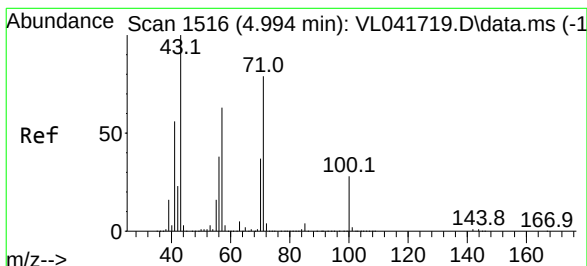
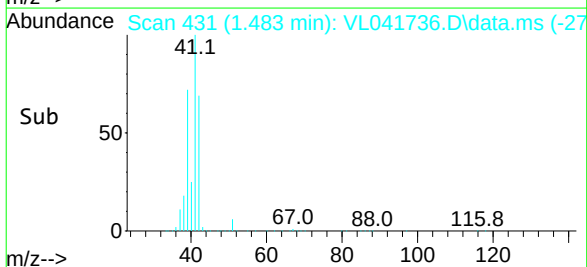
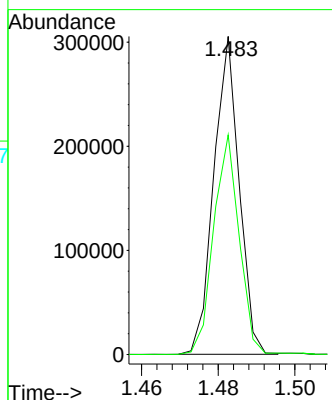


Tgt Ion: 41 Resp: 140359

Ion Ratio Lower Upper

41 100

42 70.1 56.2 84.4



#10

Heptane

Concen: 9.298 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.010 min

Lab File: VL041736.D

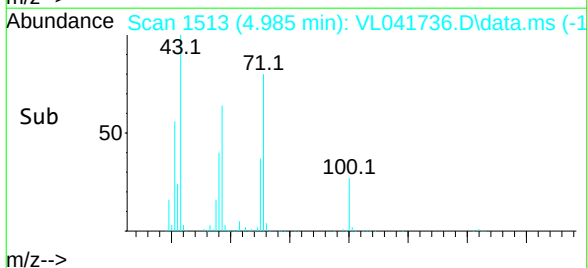
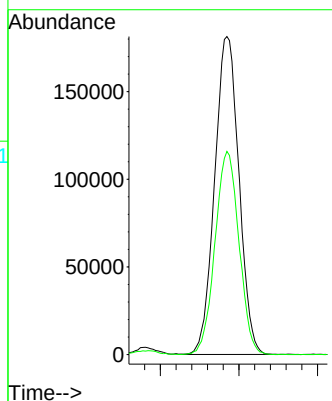
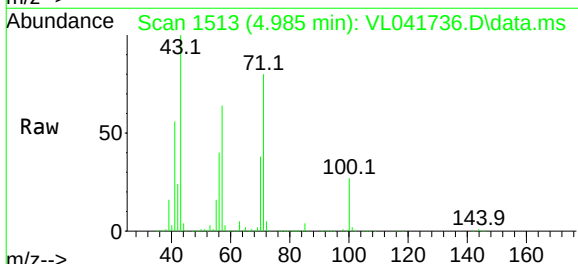
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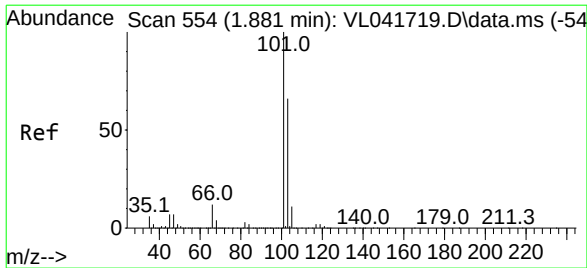
Tgt Ion: 43 Resp: 389580

Ion Ratio Lower Upper

43 100

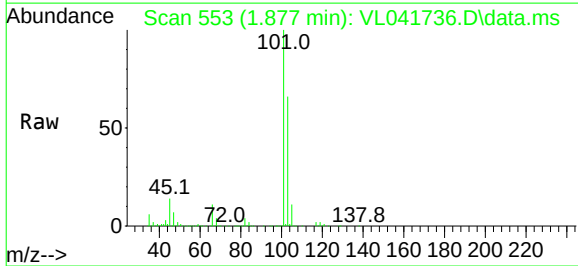
57 63.1 50.5 75.7



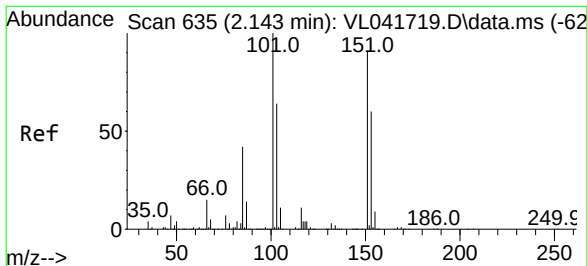
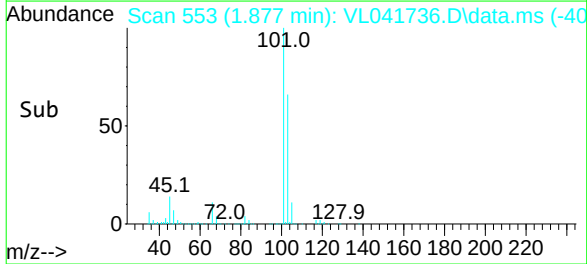
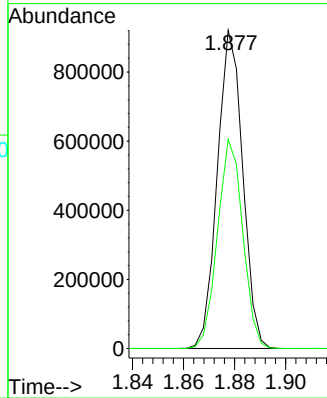


#11
 Trichlorofluoromethane
 Concen: 12.053 ppbv
 RT: 1.877 min Scan# 55
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :
 MSVOA_L
 ClientSampleId :

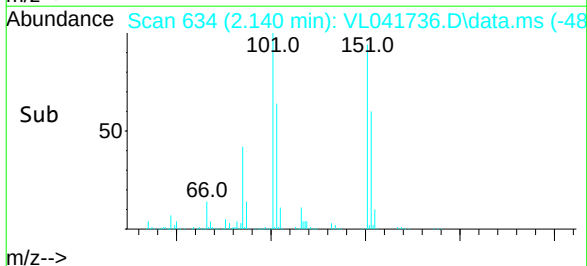
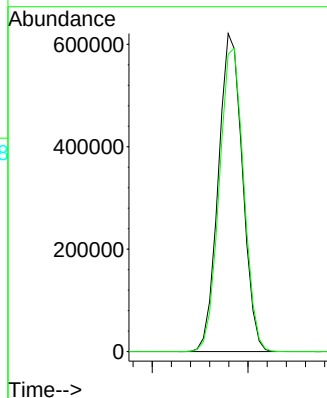
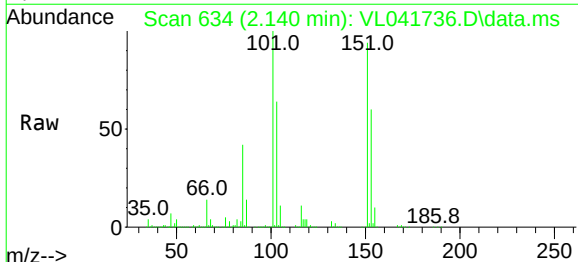


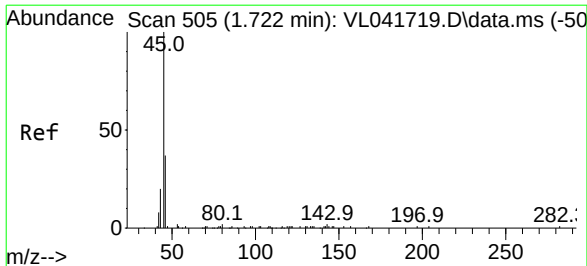
Tgt Ion:101 Resp: 636038
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.7 79.1



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.465 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

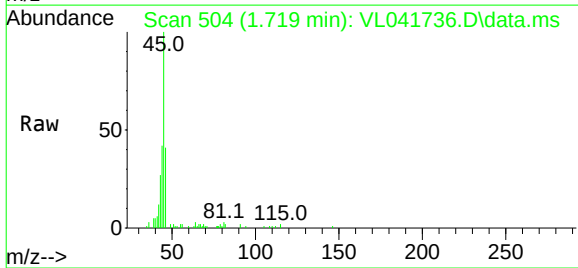
Tgt Ion:101 Resp: 544749
 Ion Ratio Lower Upper
 101 100
 151 96.4 74.4 111.6



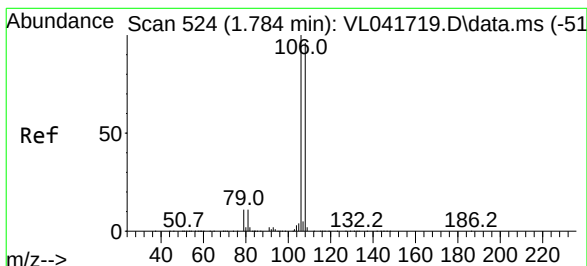
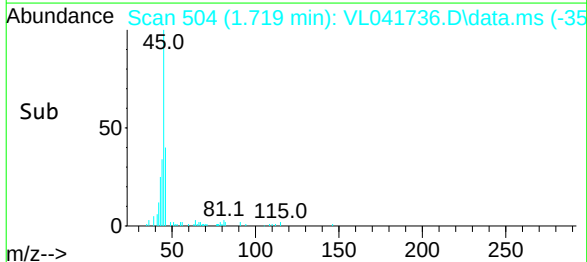
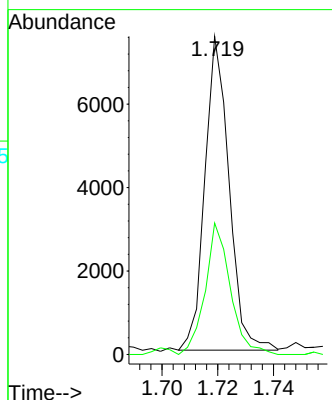


#13
Ethanol
Concen: 3.621 ppbv
RT: 1.719 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

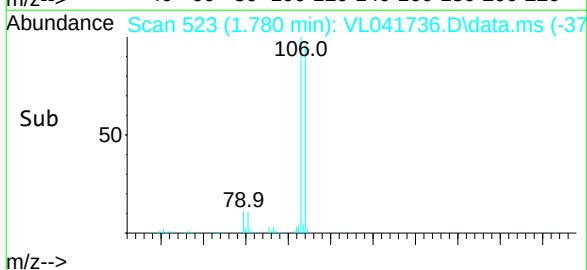
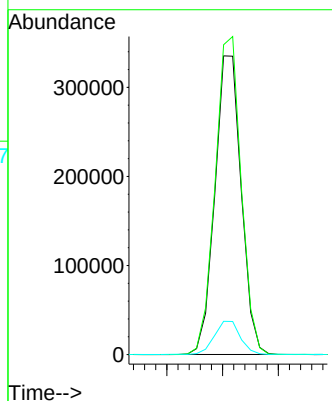
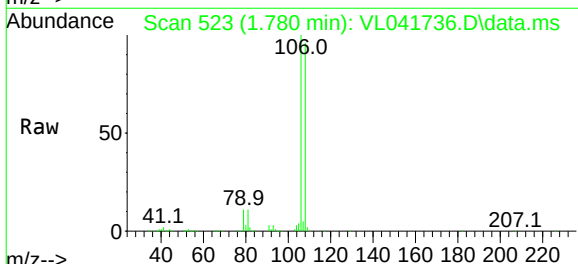


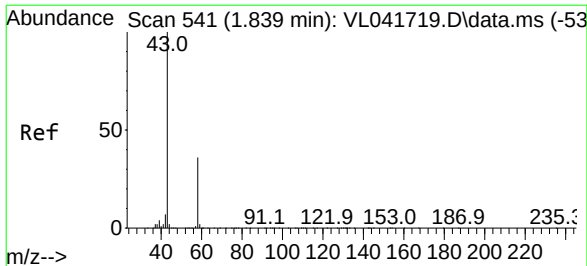
Tgt Ion: 45 Resp: 4539
Ion Ratio Lower Upper
45 100
46 45.2 16.6 66.6



#14
Bromoethene
Concen: 12.666 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 108 Resp: 220586
Ion Ratio Lower Upper
108 100
106 105.1 83.5 125.3
79 11.2 9.3 13.9





#15

Acetone

Concen: 9.043 ppbv

RT: 1.832 min Scan# 53

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

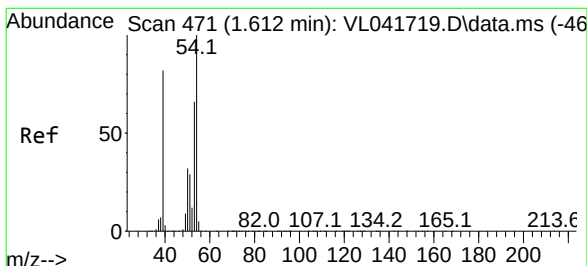
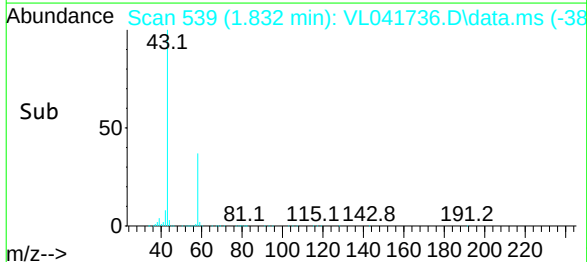
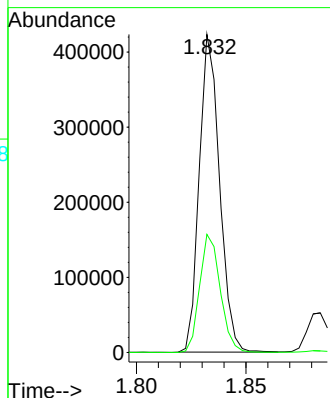
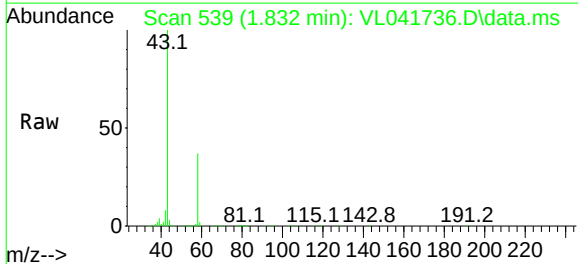
ClientSampleId :

Tgt Ion: 43 Resp: 272588

Ion Ratio Lower Upper

43 100

58 37.9 28.9 43.3



#16

1,3-Butadiene

Concen: 11.430 ppbv

RT: 1.609 min Scan# 470

Delta R.T. -0.003 min

Lab File: VL041736.D

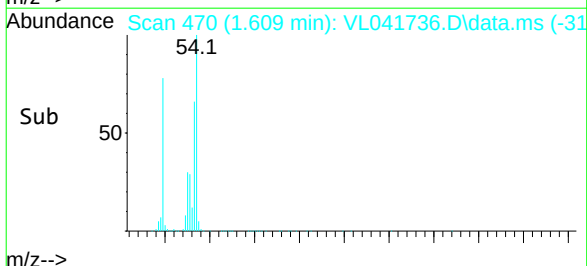
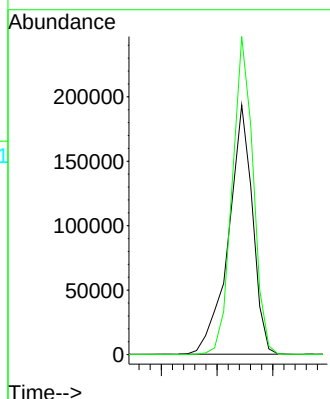
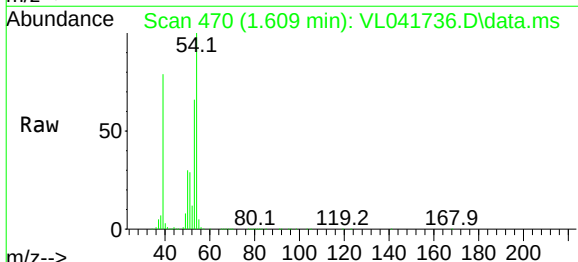
Acq: 11 Dec 2024 23:41

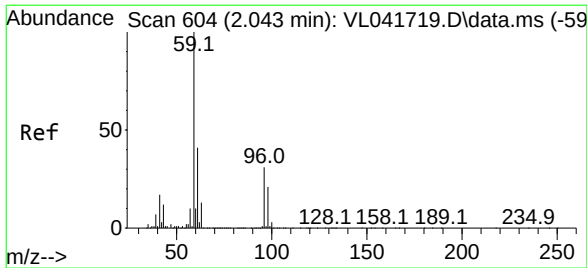
Tgt Ion: 39 Resp: 115584

Ion Ratio Lower Upper

39 100

54 111.6 85.0 127.6

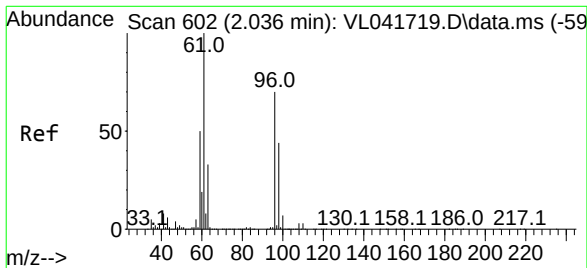
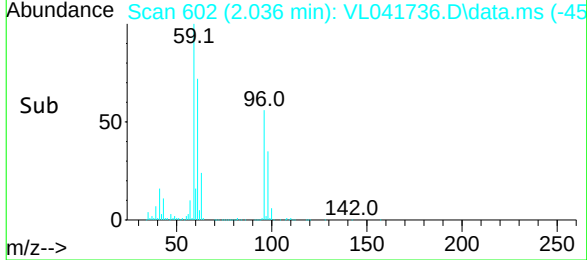
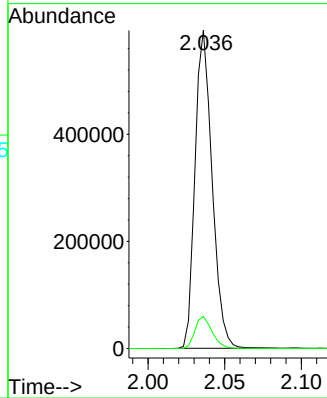
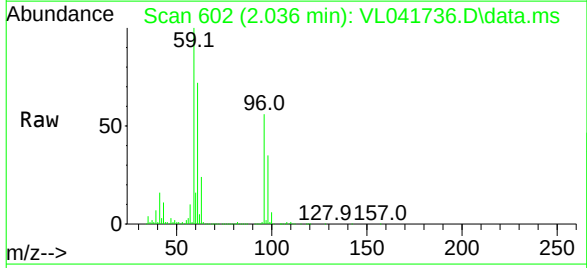




#17
tert-Butyl alcohol
Concen: 10.523 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

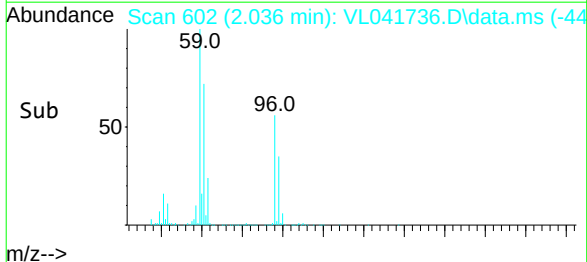
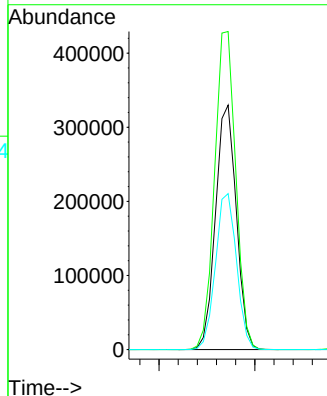
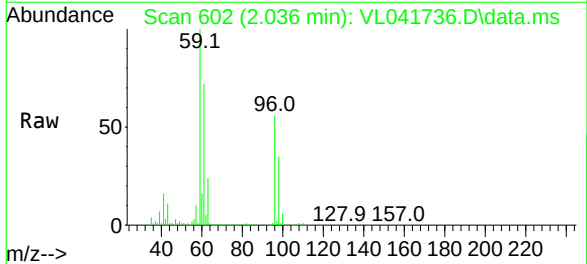
Instrument :
MSVOA_L
ClientSampleId :

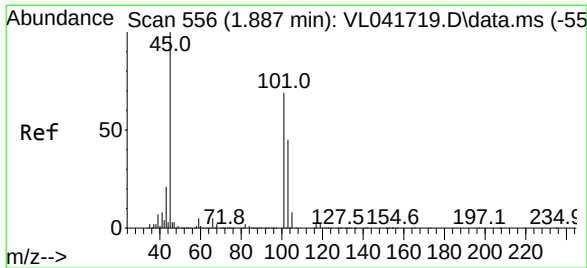
Tgt Ion: 59 Resp: 459881
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4



#18
1,1-Dichloroethene
Concen: 11.544 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 96 Resp: 249219
Ion Ratio Lower Upper
96 100
61 130.1 114.4 171.6
98 63.8 50.6 75.8





#19

Isopropyl Alcohol

Concen: 6.152 ppbv

RT: 1.884 min Scan# 556

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

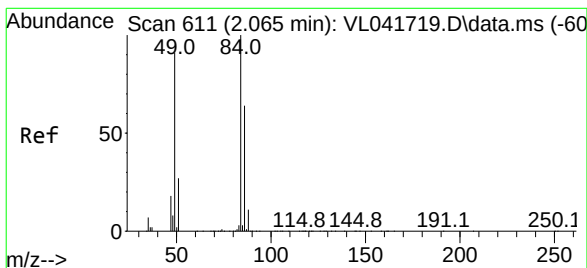
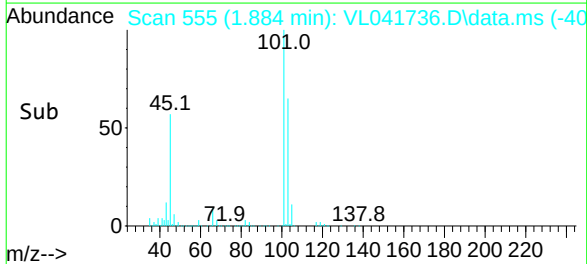
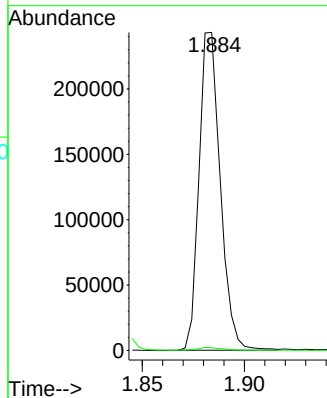
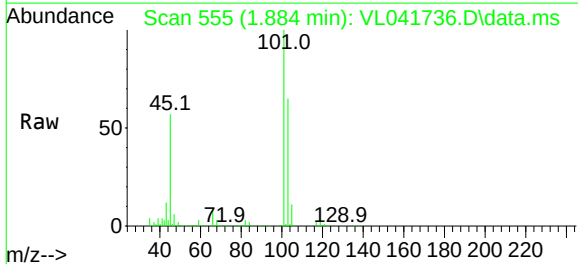
ClientSampleId :

Tgt Ion: 45 Resp: 176169

Ion Ratio Lower Upper

45 100

58 58.7 40.6 61.0



#20

Methylene Chloride

Concen: 10.783 ppbv

RT: 2.062 min Scan# 610

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion: 84 Resp: 196900

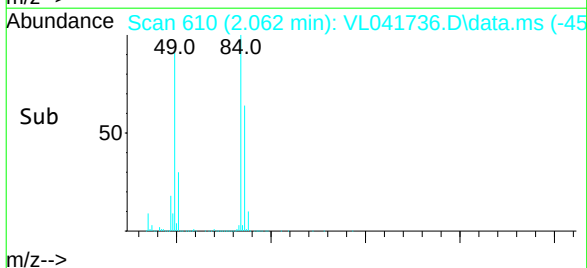
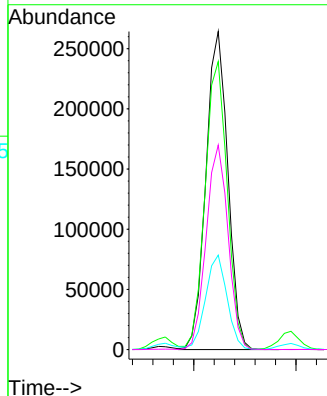
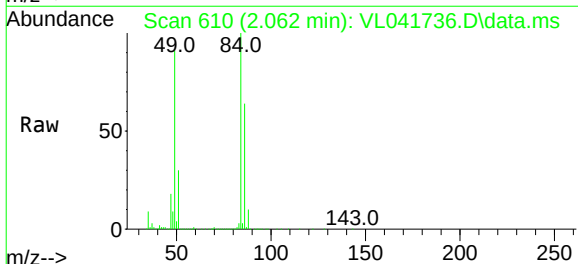
Ion Ratio Lower Upper

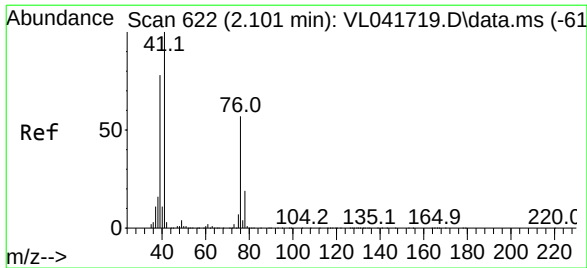
84 100

49 89.5 73.6 110.4

51 28.9 22.7 34.1

86 64.3 51.4 77.0





#21

Allyl Chloride

Concen: 11.288 ppbv

RT: 2.098 min Scan# 62

Delta R.T. -0.003 min

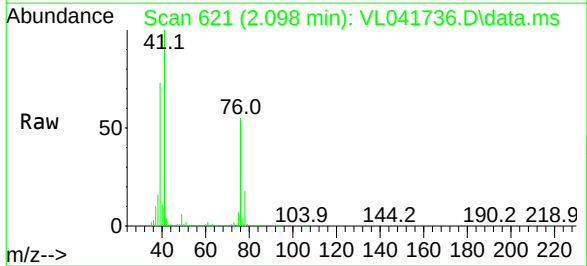
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

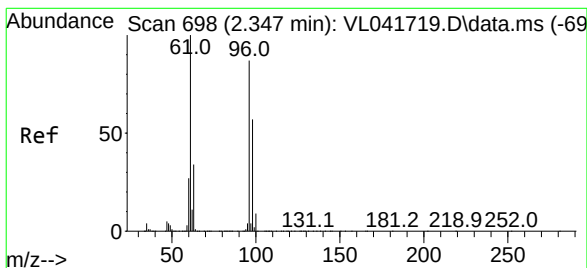
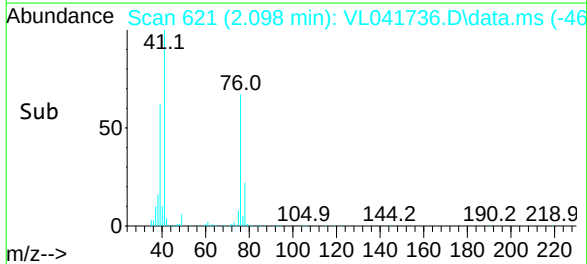
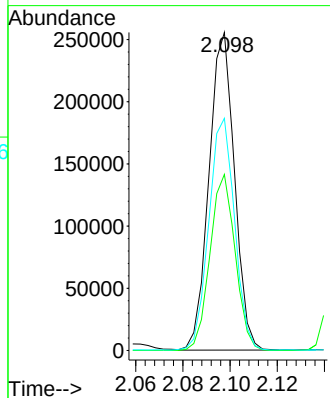
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	41	Resp:	191604
Ion	Ratio	Lower	Upper
41	100		
76	54.7	44.2	66.2
39	74.0	62.8	94.2



#22

trans-1,2-Dichloroethene

Concen: 11.297 ppbv

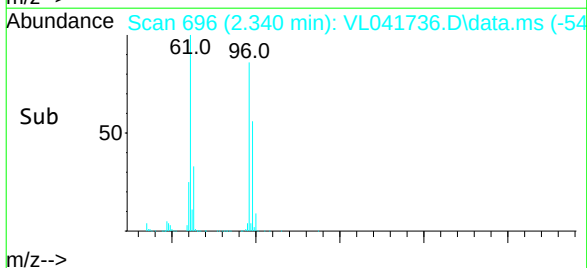
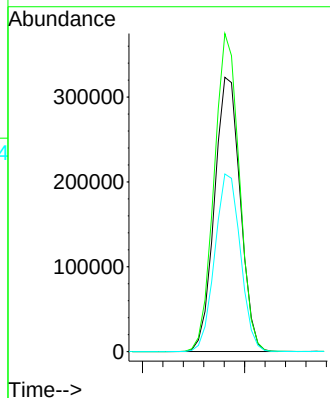
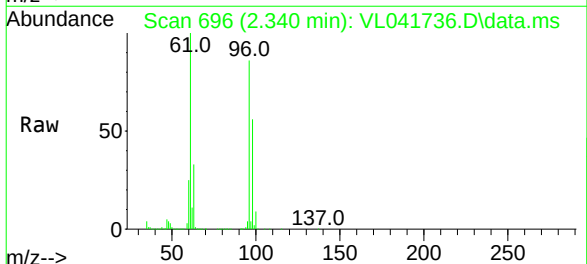
RT: 2.340 min Scan# 696

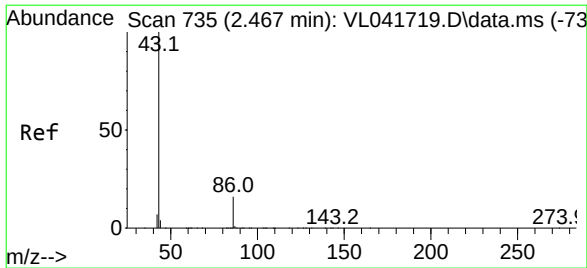
Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion:	96	Resp:	283158
Ion	Ratio	Lower	Upper
96	100		
61	116.0	91.8	137.6
98	64.7	52.7	79.1





#23

Vinyl Acetate

Concen: 10.554 ppbv

RT: 2.460 min Scan# 73

Delta R.T. -0.007 min

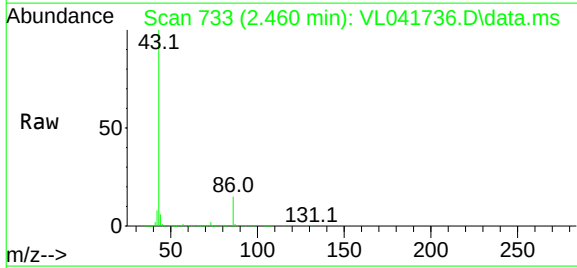
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 192655

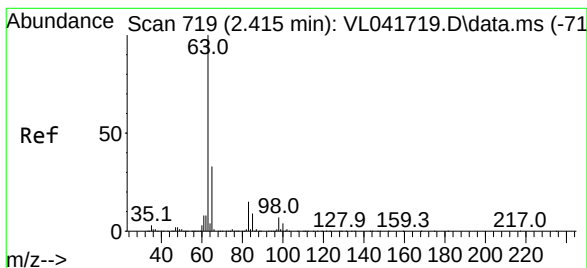
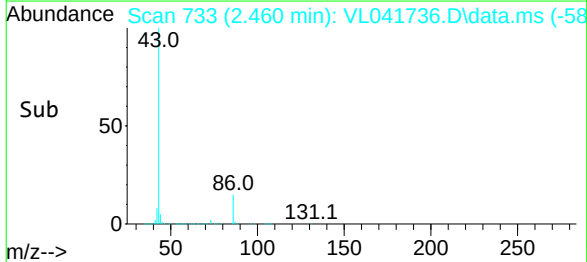
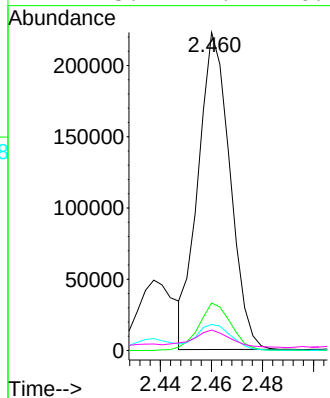
Ion Ratio Lower Upper

43 100

86 14.9 11.5 17.3

42 8.1 6.6 10.0

44 5.4 4.1 6.1



#24

1,1-Dichloroethane

Concen: 11.492 ppbv

RT: 2.408 min Scan# 717

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

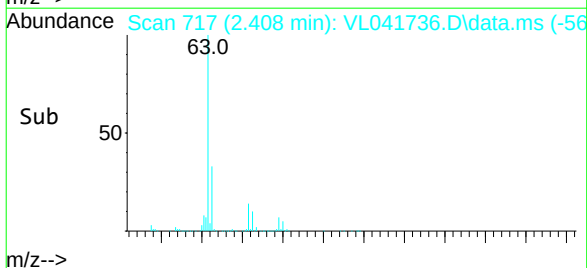
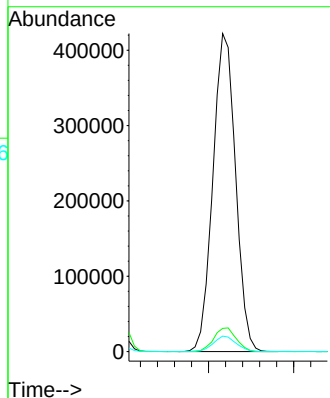
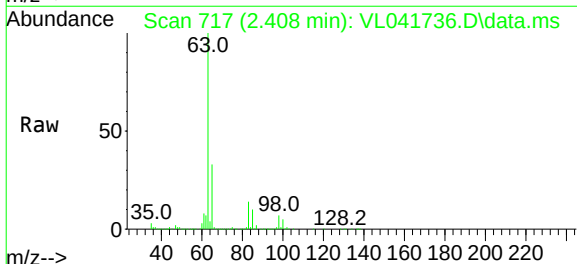
Tgt Ion: 63 Resp: 390113

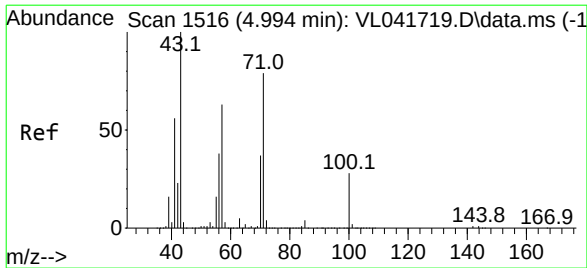
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.9 2.3 6.8





#25

Ethyl Acetate

Concen: 9.298 ppbv

RT: 4.985 min Scan# 1516

Delta R.T. -0.010 min

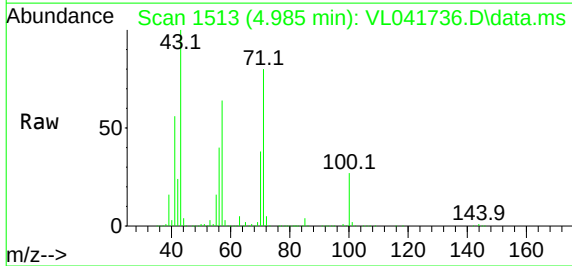
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 389580

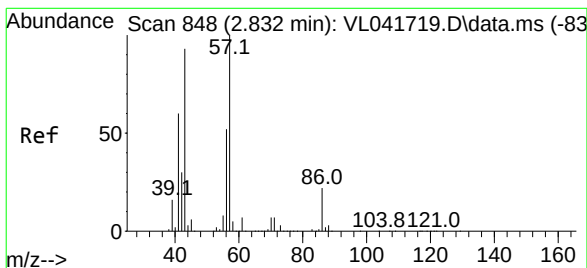
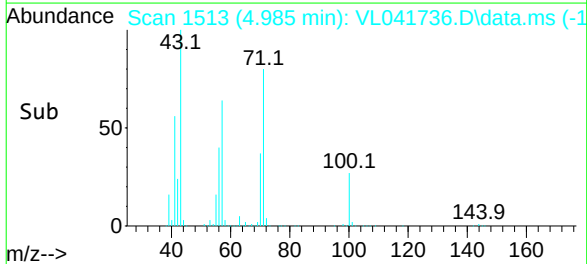
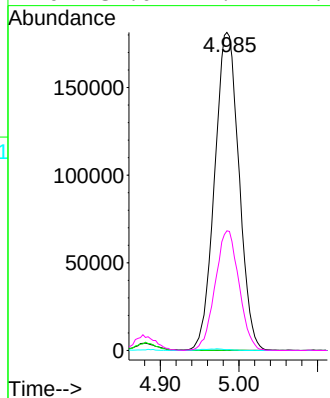
Ion Ratio Lower Upper

43 100

45 0.1 0.0 0.0#

61 0.5 0.4 0.6

70 37.0 29.4 44.2



#26

Hexane

Concen: 9.190 ppbv

RT: 2.829 min Scan# 847

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion: 57 Resp: 373436

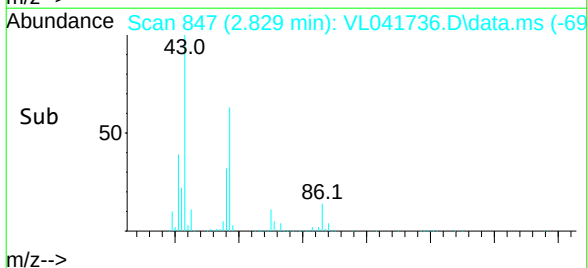
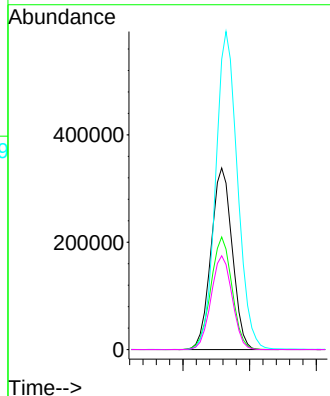
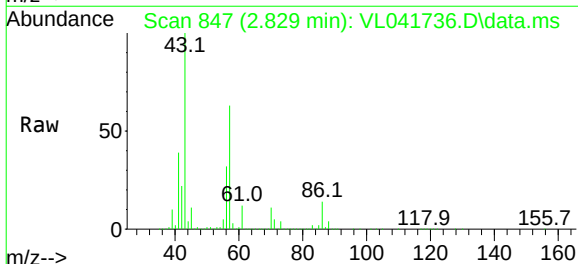
Ion Ratio Lower Upper

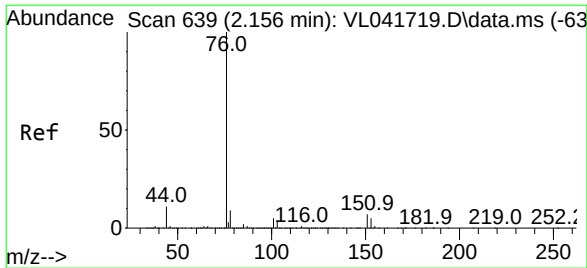
57 100

41 62.0 49.5 74.3

43 181.1 150.6 225.8

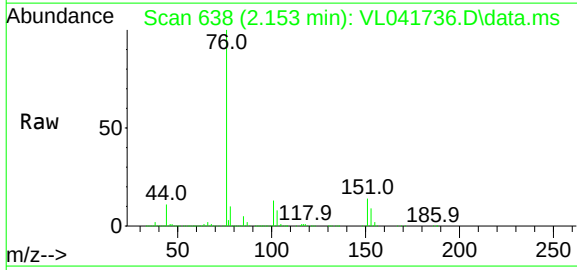
56 51.5 41.6 62.4



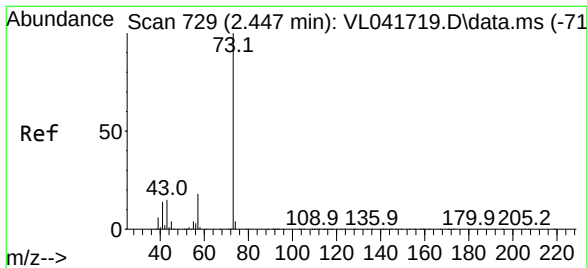
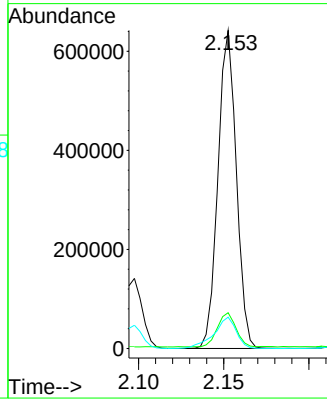
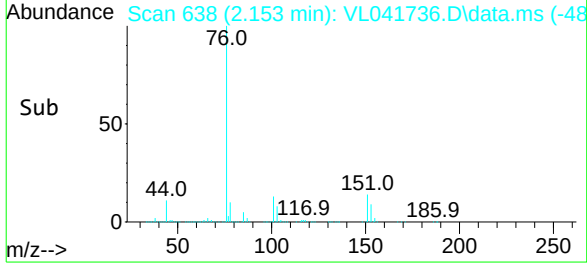


#27
Carbon Disulfide
Concen: 11.521 ppbv
RT: 2.153 min Scan# 63
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

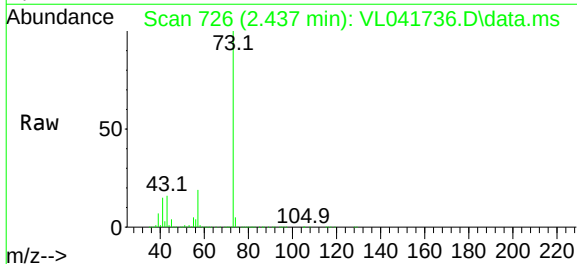
Instrument :
MSVOA_L
ClientSampleId :



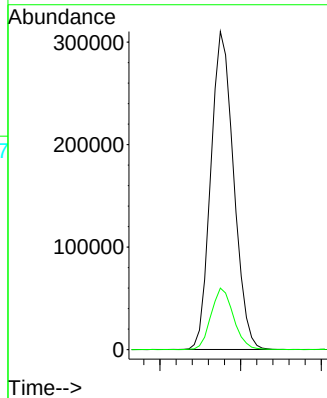
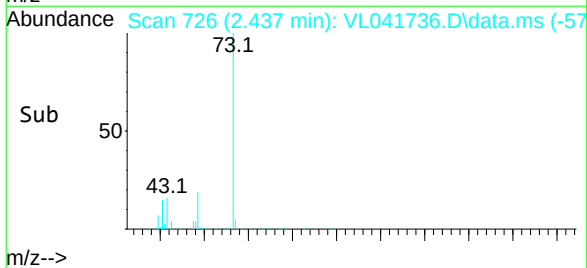
Tgt Ion: 76 Resp: 482015
Ion Ratio Lower Upper
76 100
44 11.1 9.4 14.0
78 12.0 9.4 14.0

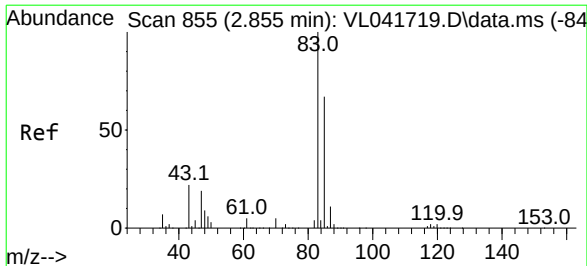


#28
Methyl tert-Butyl Ether
Concen: 10.028 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 73 Resp: 305838
Ion Ratio Lower Upper
73 100
57 19.0 15.3 22.9





#29

Chloroform

Concen: 9.188 ppbv

RT: 2.848 min Scan# 85

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

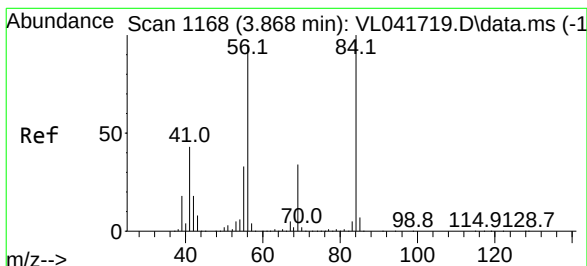
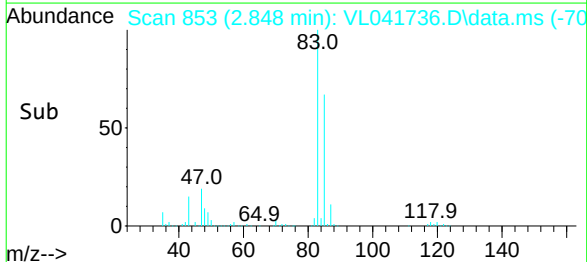
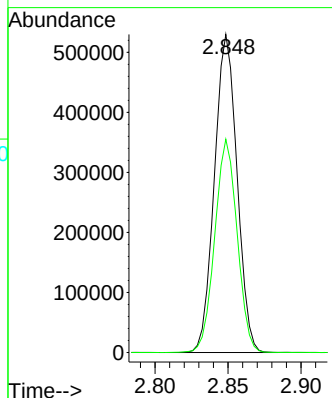
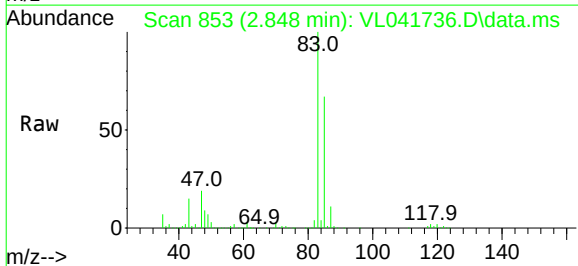
ClientSampleId :

Tgt Ion: 83 Resp: 571553

Ion Ratio Lower Upper

83 100

85 67.0 53.6 80.4



#30

Cyclohexane

Concen: 9.155 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

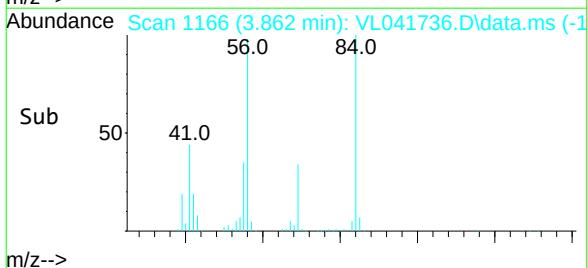
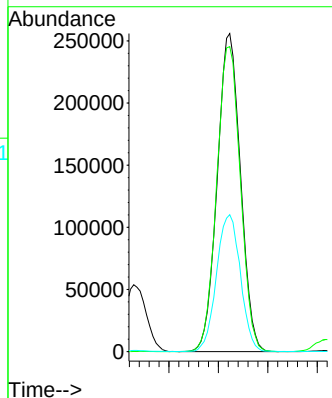
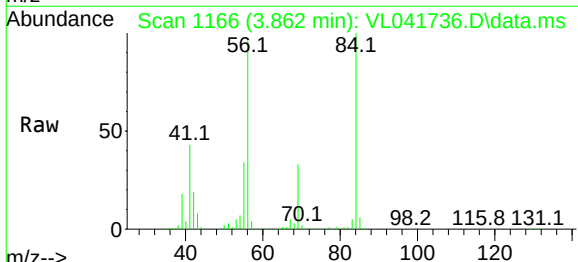
Tgt Ion: 84 Resp: 417800

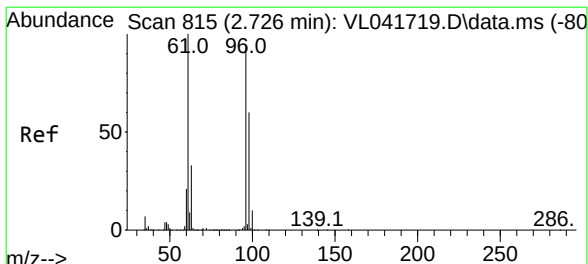
Ion Ratio Lower Upper

84 100

56 97.7 76.0 114.0

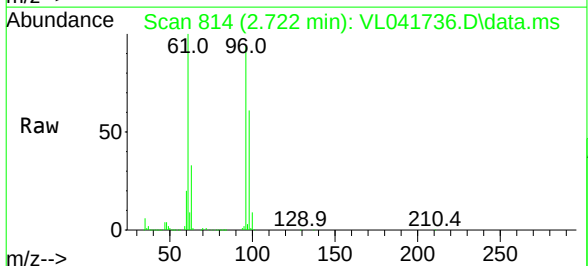
41 44.2 34.2 51.4





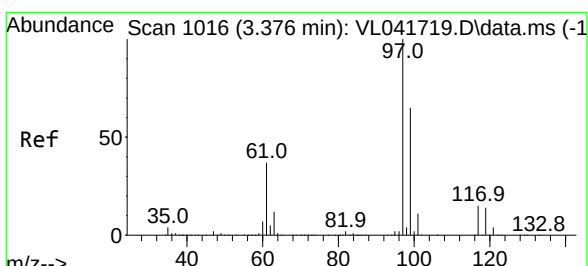
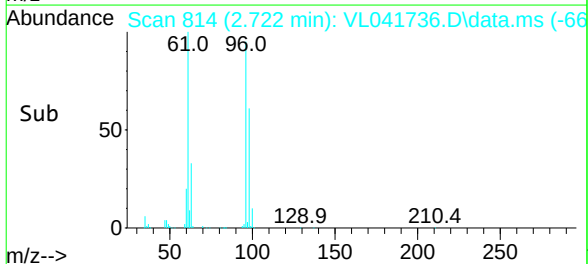
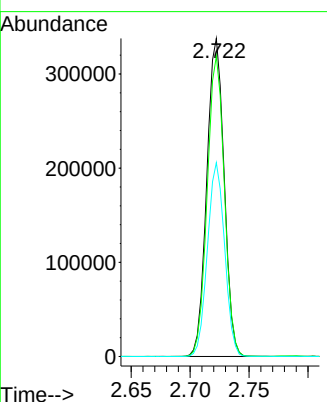
#31
 cis-1,2-Dichloroethene
 Concen: 9.181 ppbv
 RT: 2.722 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 61 Resp: 345579

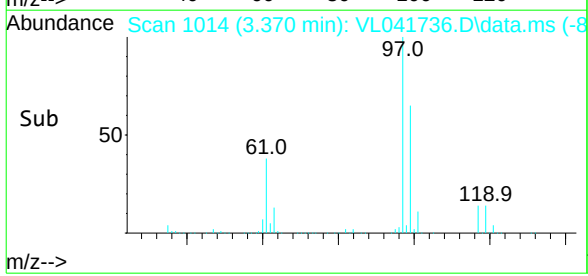
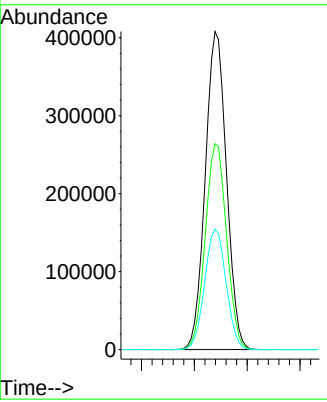
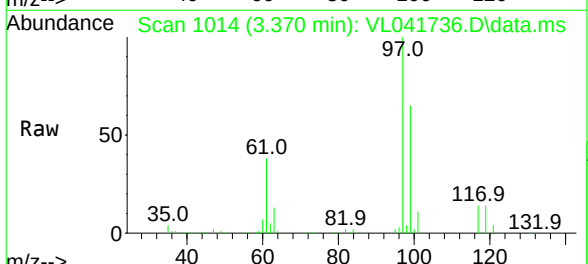
Ion	Ratio	Lower	Upper
61	100		
96	94.4	75.4	113.2
98	60.9	48.3	72.5

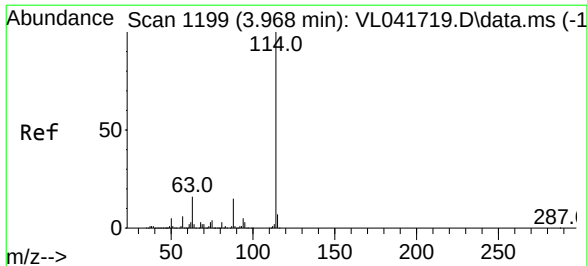


#32
 1,1,1-Trichloroethane
 Concen: 9.292 ppbv
 RT: 3.370 min Scan# 1014
 Delta R.T. -0.007 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Tgt Ion: 97 Resp: 568384

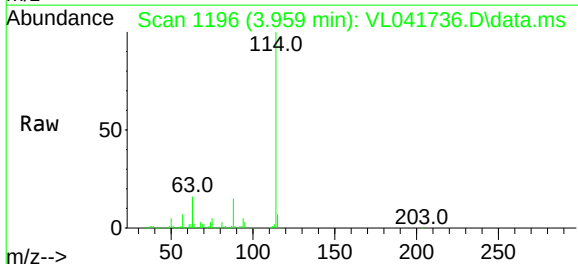
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.2
61	38.3	29.8	44.8



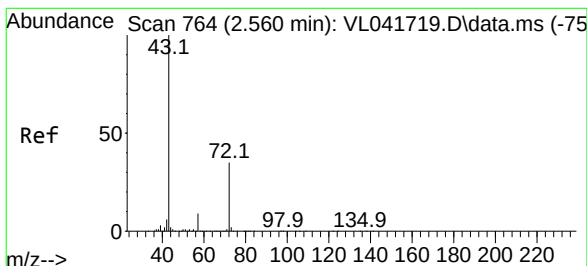
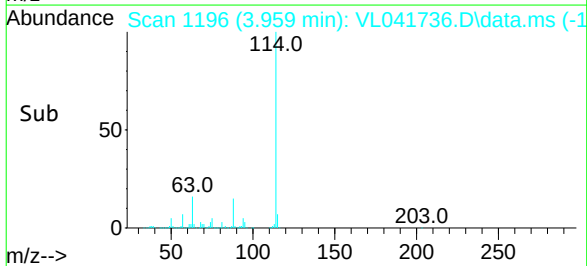
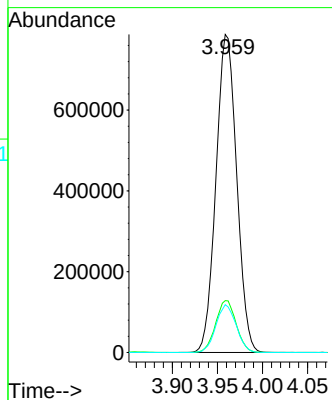


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1199
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

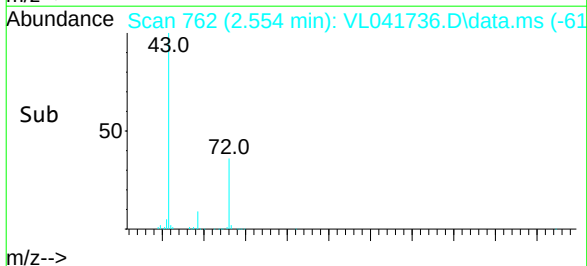
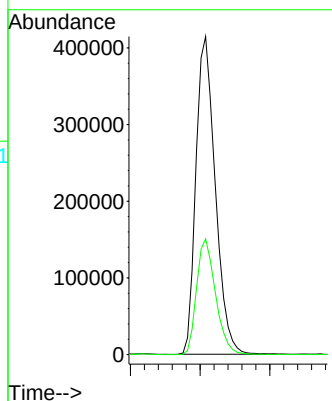
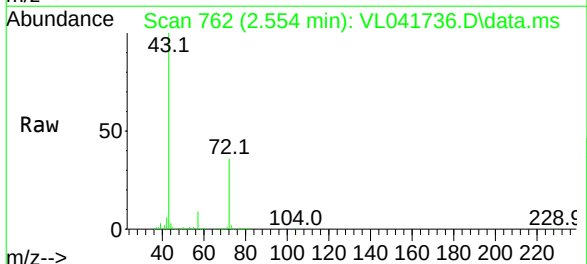


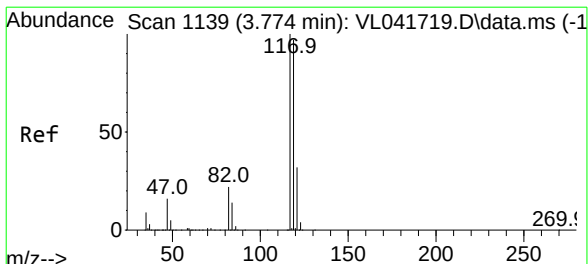
Tgt Ion:114 Resp: 1256819
Ion Ratio Lower Upper
114 100
63 16.2 12.9 19.3
88 14.7 11.8 17.6



#34
2-Butanone
Concen: 9.071 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

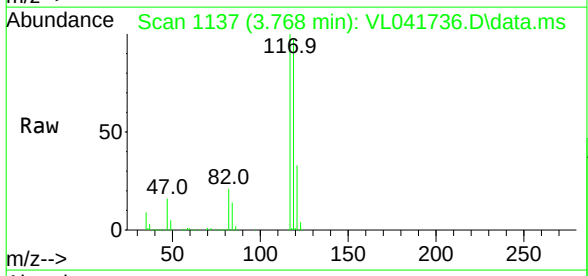
Tgt Ion: 43 Resp: 399186
Ion Ratio Lower Upper
43 100
72 35.8 28.3 42.5





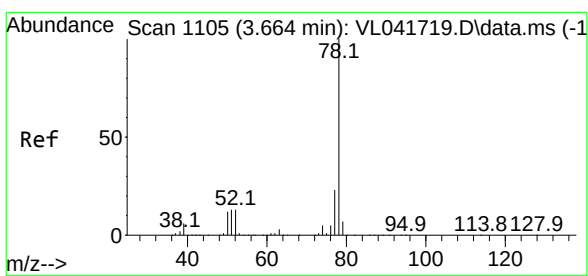
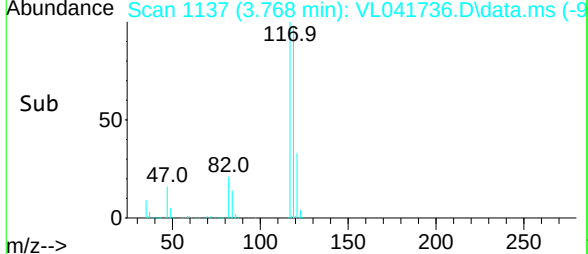
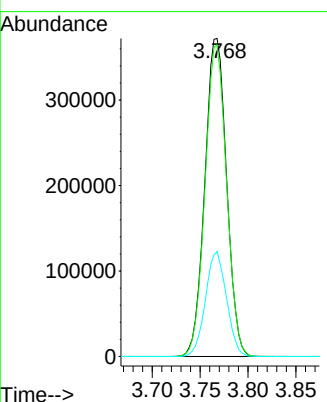
#35
Carbon Tetrachloride
Concen: 10.043 ppbv
RT: 3.768 min Scan# 111
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 117 Resp: 587873

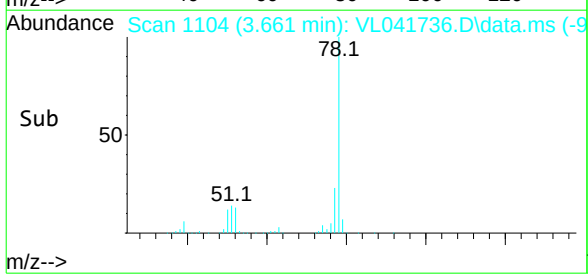
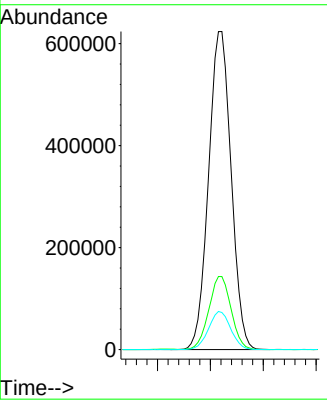
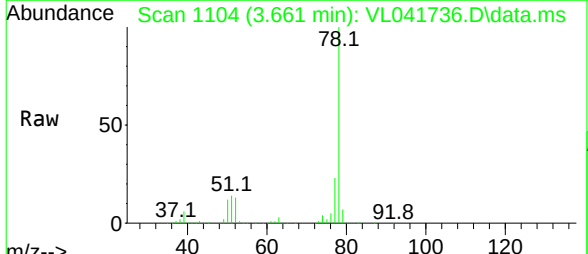
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.7	116.5
121	33.0	25.5	38.3

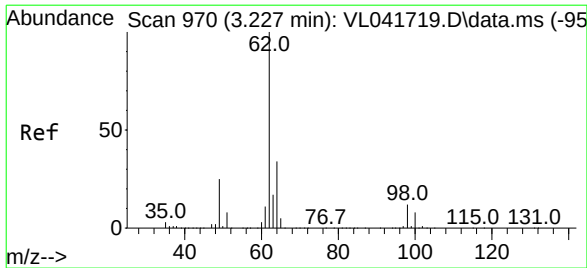


#36
Benzene
Concen: 9.356 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.003 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 78 Resp: 924536

Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	27.8
50	11.7	9.5	14.3

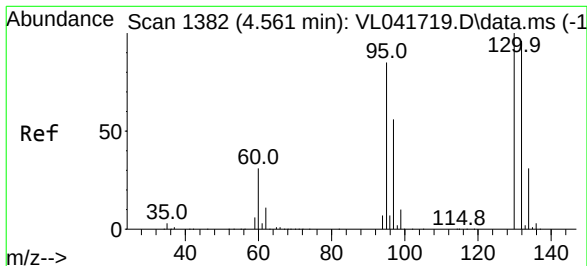
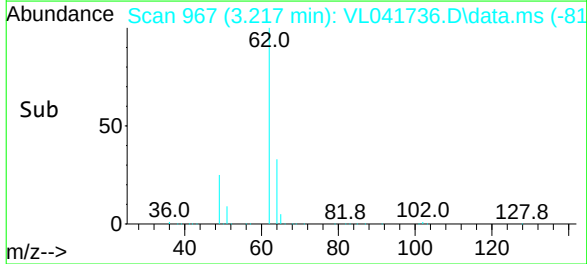
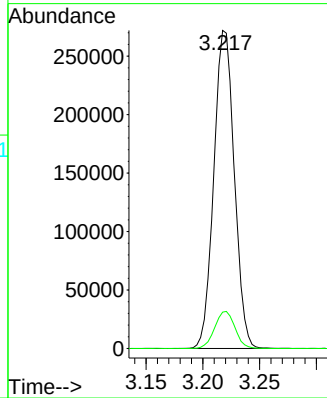
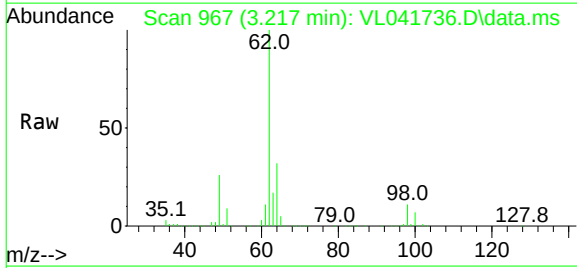




#37
1,2-Dichloroethane
Concen: 9.572 ppbv
RT: 3.217 min Scan# 96
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

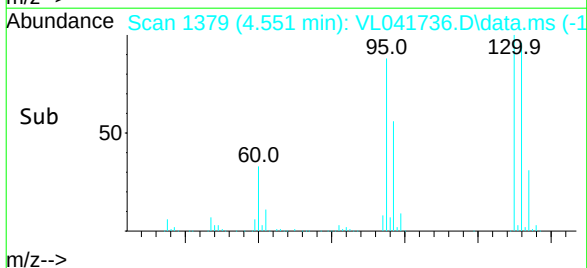
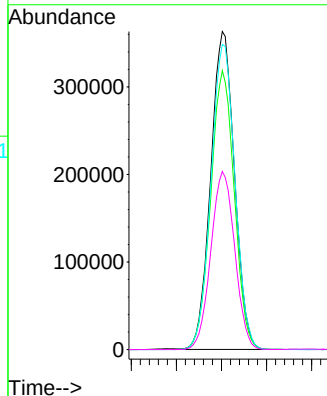
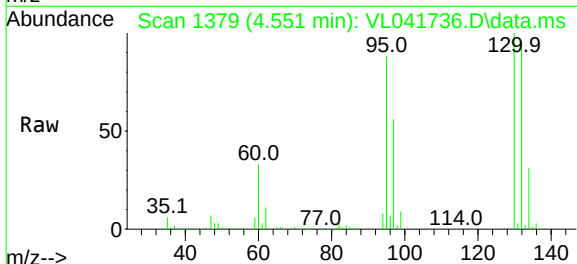
Instrument :
MSVOA_L
ClientSampleId :

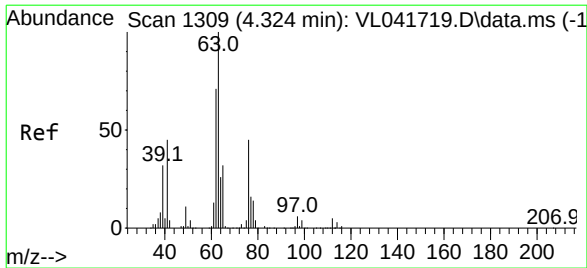
Tgt Ion: 62 Resp: 341701
Ion Ratio Lower Upper
62 100
98 11.6 9.4 14.2



#38
Trichloroethene
Concen: 12.985 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

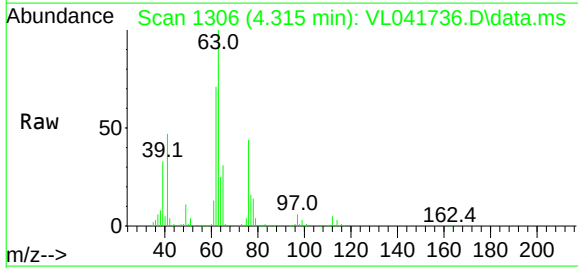
Tgt Ion:130 Resp: 665444
Ion Ratio Lower Upper
130 100
95 87.7 68.0 102.0
132 95.9 76.5 114.7
97 56.0 44.4 66.6



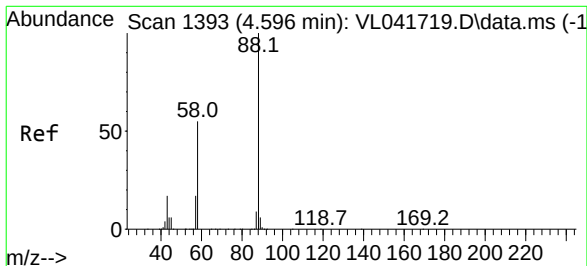
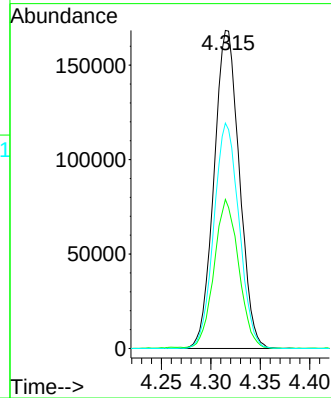
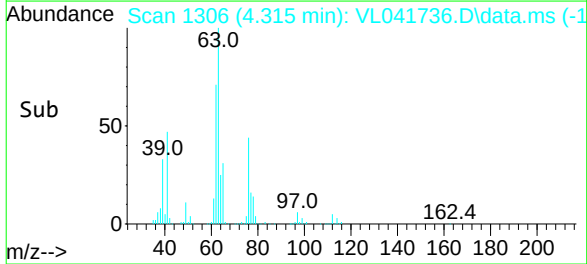


#39
1,2-Dichloropropane
Concen: 9.524 ppbv
RT: 4.315 min Scan# 1309
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

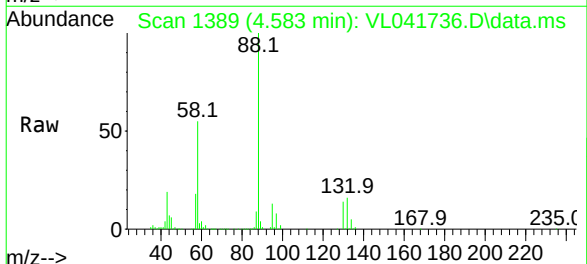
Instrument :
MSVOA_L
ClientSampleId :



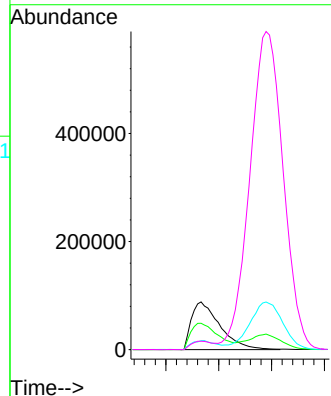
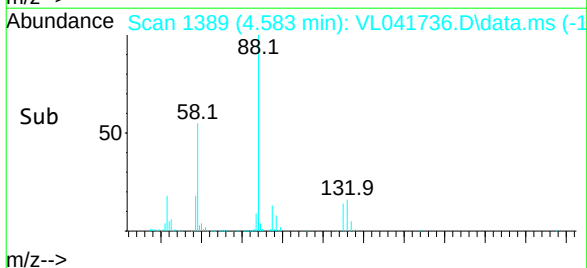
Tgt Ion: 63 Resp: 299887
Ion Ratio Lower Upper
63 100
41 46.7 36.4 54.6
62 70.8 56.6 85.0

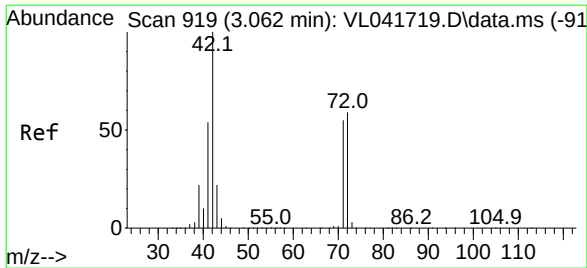


#40
1,4-Dioxane
Concen: 8.681 ppbv
RT: 4.583 min Scan# 1389
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



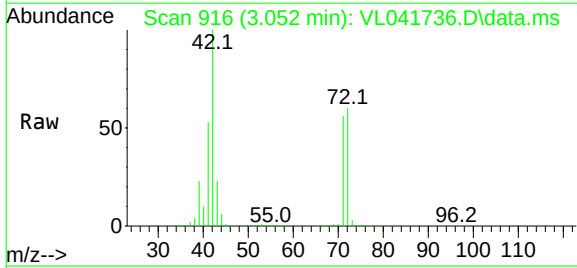
Tgt Ion: 88 Resp: 164924
Ion Ratio Lower Upper
88 100
58 55.3 45.7 68.5
43 17.6 0.0 0.0#
57 0.0 0.0 0.0



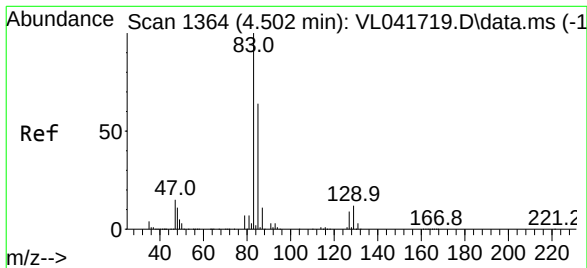
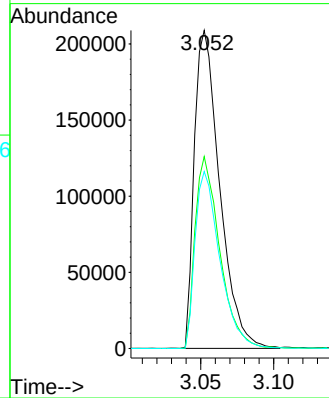
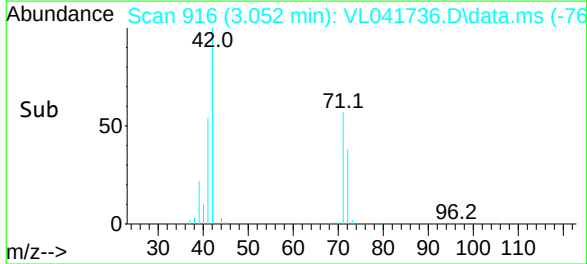


#41
Tetrahydrofuran
Concen: 9.514 ppbv
RT: 3.052 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

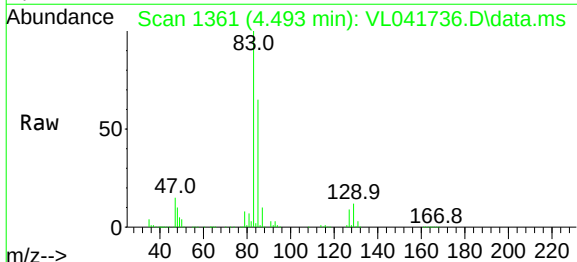
Instrument :
MSVOA_L
ClientSampleId :



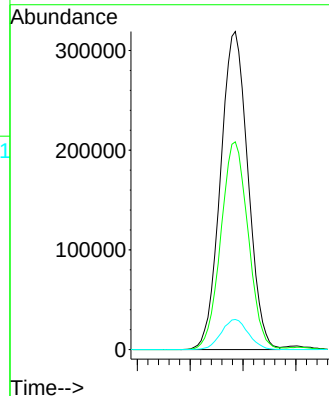
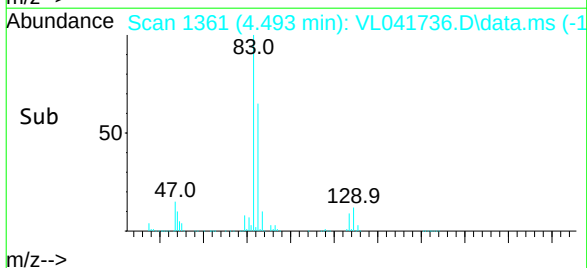
Tgt Ion: 42 Resp: 252295
Ion Ratio Lower Upper
42 100
72 59.1 47.4 71.0
71 54.8 44.4 66.6

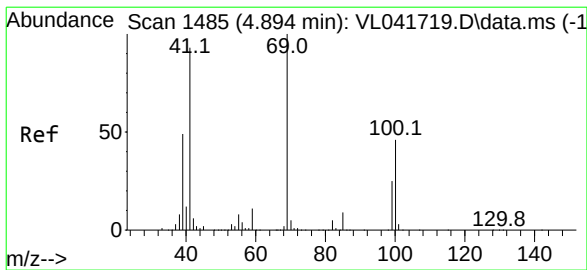


#42
Bromodichloromethane
Concen: 9.979 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41



Tgt Ion: 83 Resp: 575114
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.6
127 9.5 7.6 11.4





#43

Methyl Methacrylate

Concen: 9.450 ppbv

RT: 4.881 min Scan# 14

Delta R.T. -0.013 min

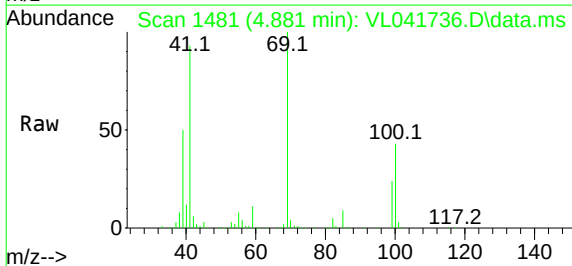
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



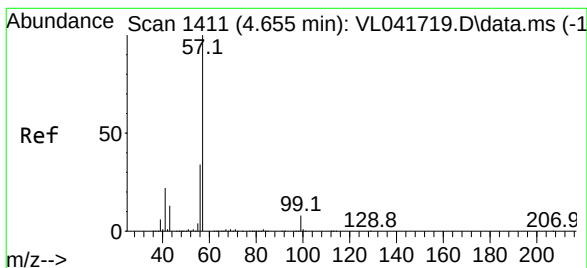
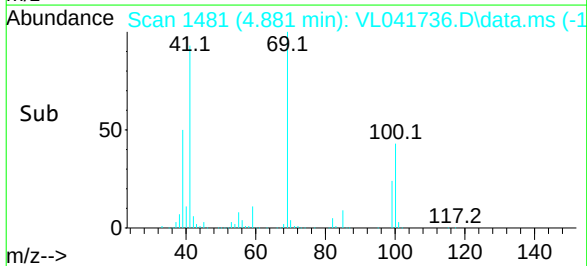
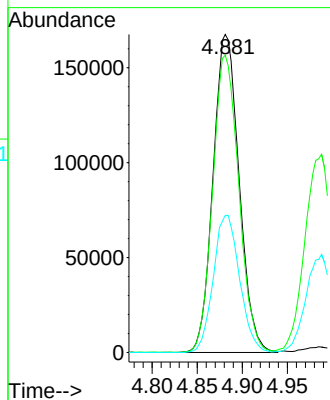
Tgt Ion: 69 Resp: 336365

Ion Ratio Lower Upper

69 100

41 93.7 74.6 112.0

100 43.6 35.5 53.3



#44

2,2,4-Trimethylpentane

Concen: 9.415 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

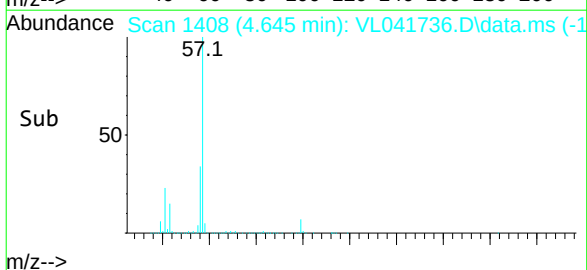
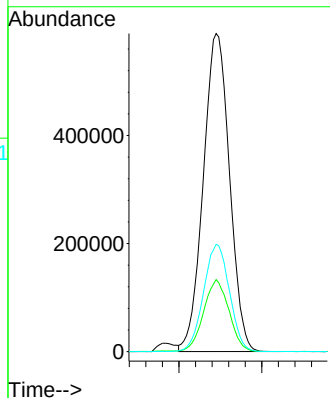
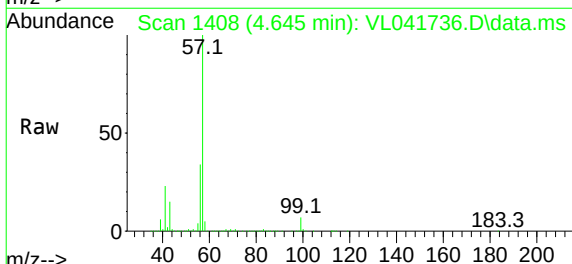
Tgt Ion: 57 Resp: 1295064

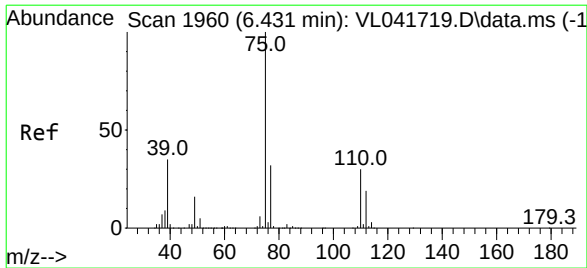
Ion Ratio Lower Upper

57 100

41 22.0 17.2 25.8

56 33.3 26.6 40.0





#45

t-1,3-Dichloropropene

Concen: 7.839 ppbv

RT: 6.418 min Scan# 19

Delta R.T. -0.013 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

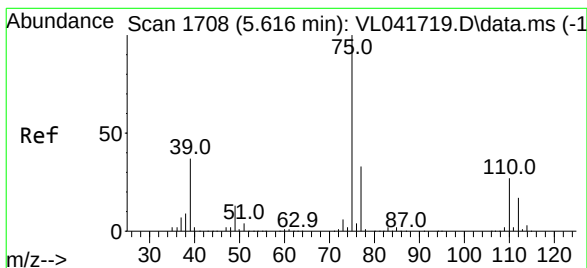
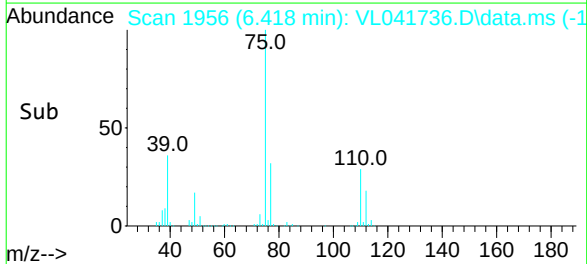
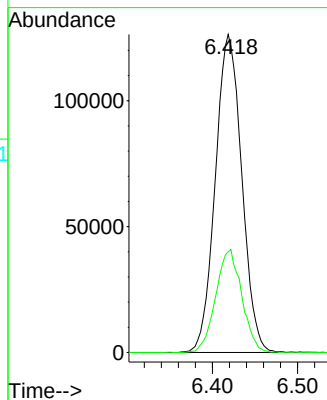
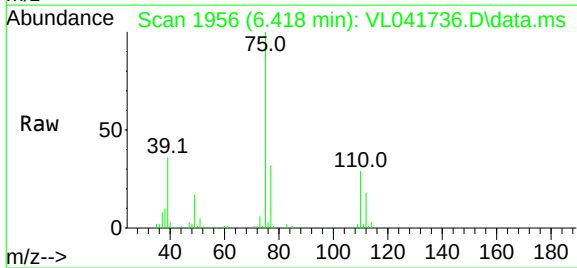
ClientSampleId :

Tgt Ion: 75 Resp: 272243

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



#46

cis-1,3-Dichloropropene

Concen: 8.536 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

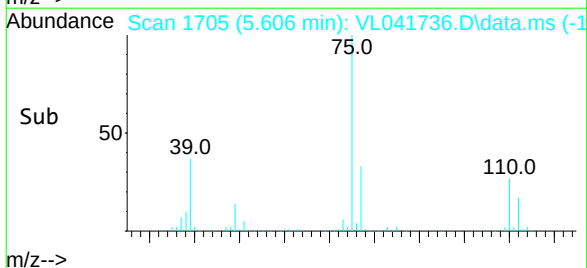
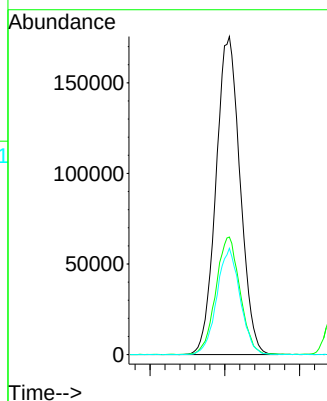
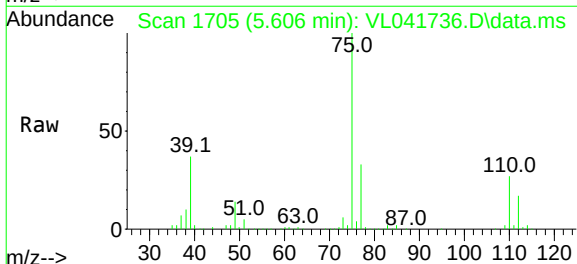
Tgt Ion: 75 Resp: 393505

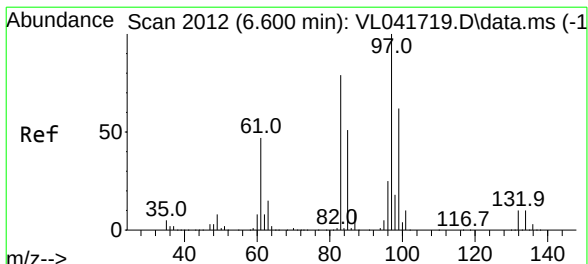
Ion Ratio Lower Upper

75 100

39 36.9 29.8 44.6

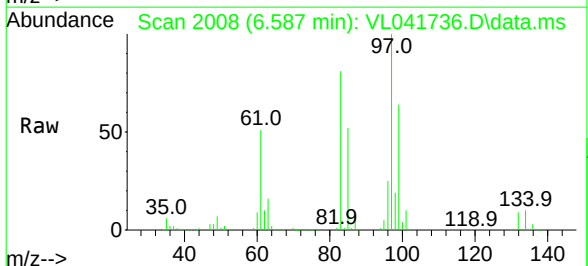
77 33.4 26.2 39.2



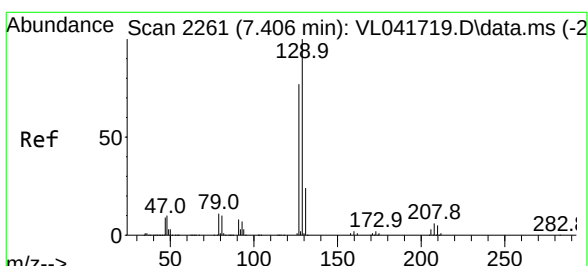
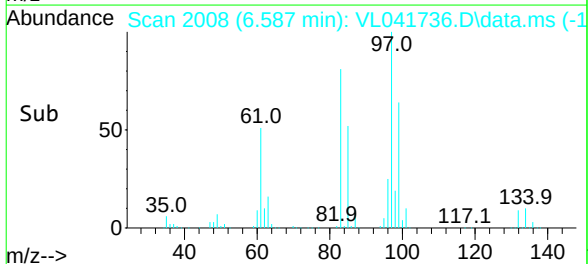
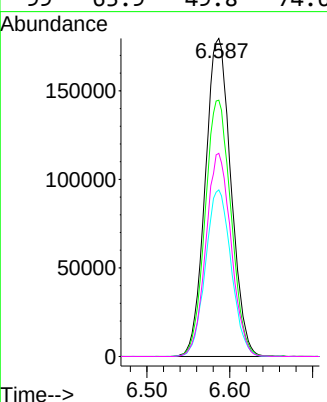


#47
 1,1,2-Trichloroethane
 Concen: 9.247 ppbv
 RT: 6.587 min Scan# 2012
 Delta R.T. -0.013 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument : MSVOA_L
 ClientSampleId :

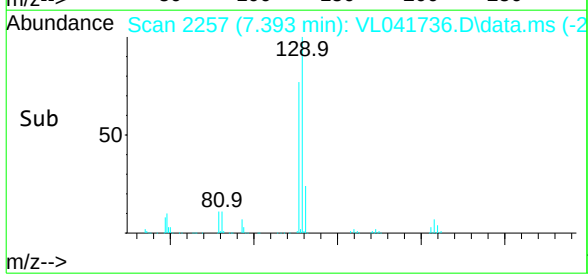
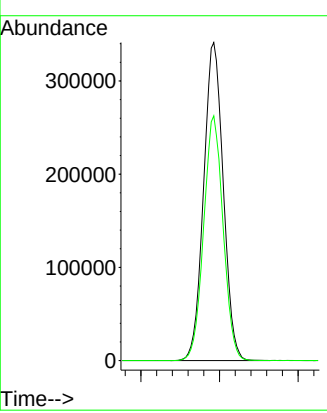
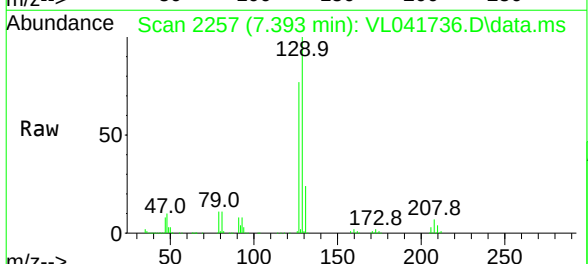


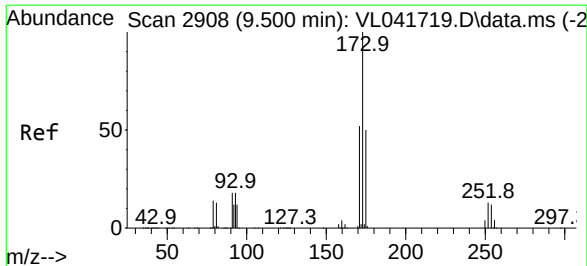
Tgt Ion:	97	Resp:	387693
Ion	Ratio	Lower	Upper
97	100		
83	80.6	63.0	94.4
85	52.4	41.0	61.6
99	63.9	49.8	74.6



#48
 Dibromochloromethane
 Concen: 9.788 ppbv
 RT: 7.393 min Scan# 2257
 Delta R.T. -0.013 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

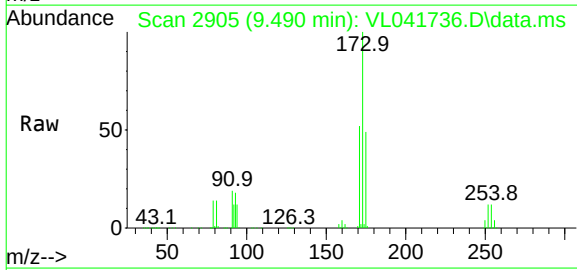
Tgt Ion:	129	Resp:	591298
Ion	Ratio	Lower	Upper
129	100		
127	76.3	38.6	115.7



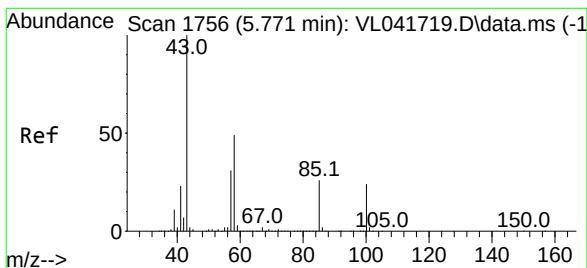
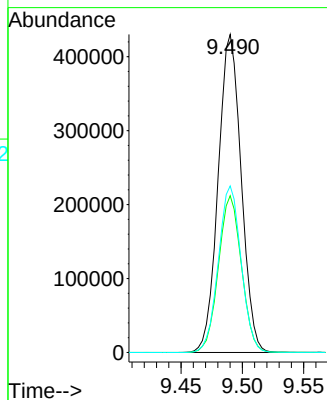
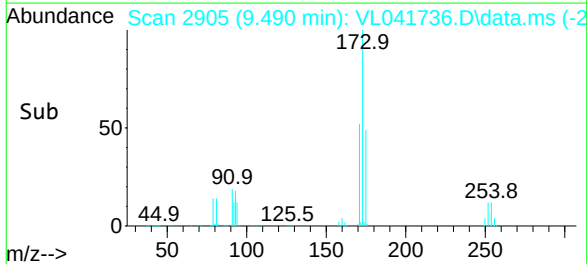


#49
Bromoform
Concen: 9.730 ppbv
RT: 9.490 min Scan# 2908
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

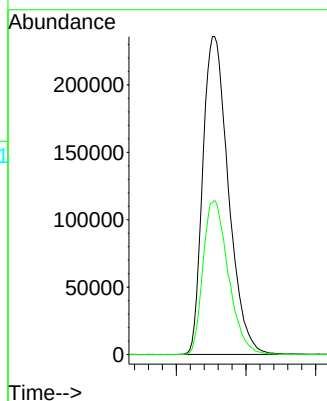
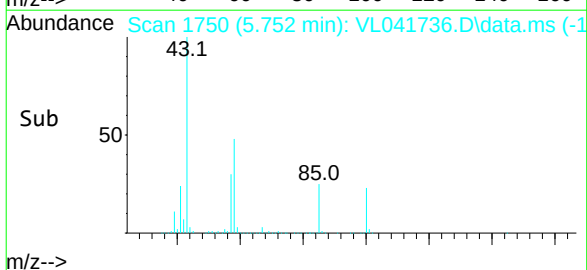
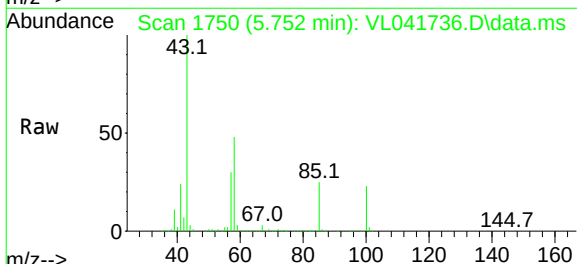


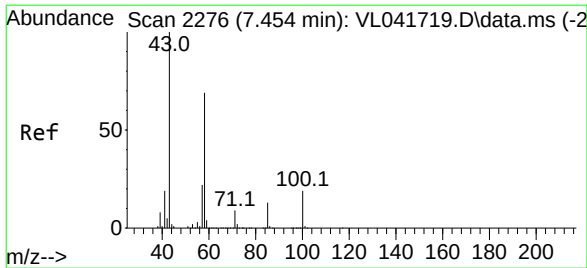
Tgt Ion: 173 Resp: 562391
Ion Ratio Lower Upper
173 100
175 49.2 39.5 59.3
171 51.9 41.4 62.0



#50
4-Methyl-2-Pentanone
Concen: 9.548 ppbv
RT: 5.752 min Scan# 1750
Delta R.T. -0.019 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

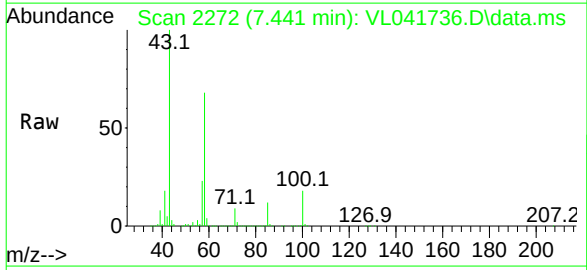
Tgt Ion: 43 Resp: 602605
Ion Ratio Lower Upper
43 100
58 47.9 38.9 58.3



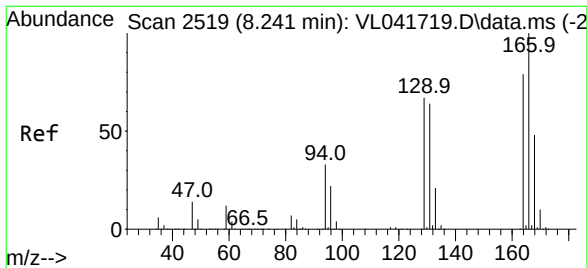
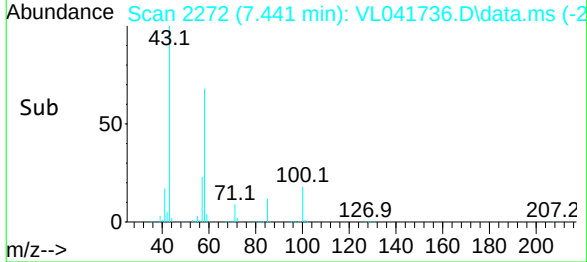
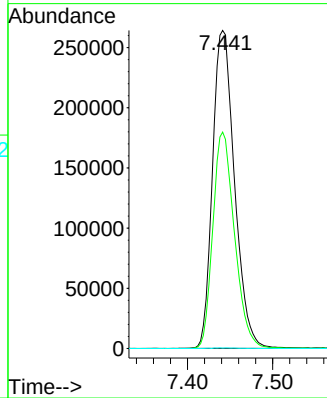


#51
2-Hexanone
Concen: 9.125 ppbv
RT: 7.441 min Scan# 2276
Delta R.T. -0.013 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

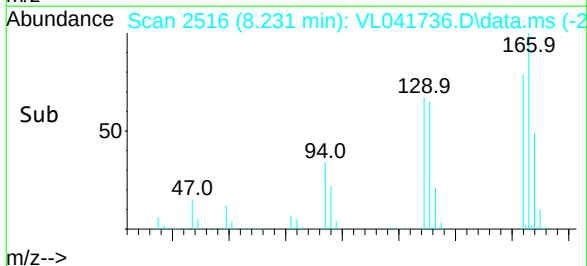
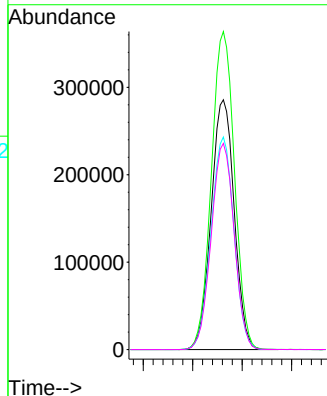
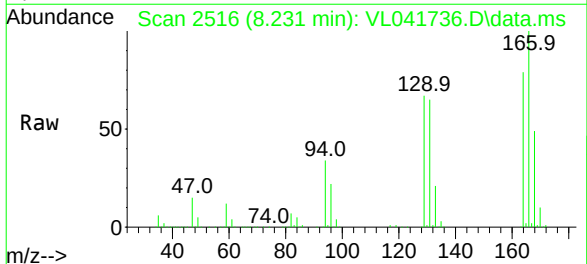


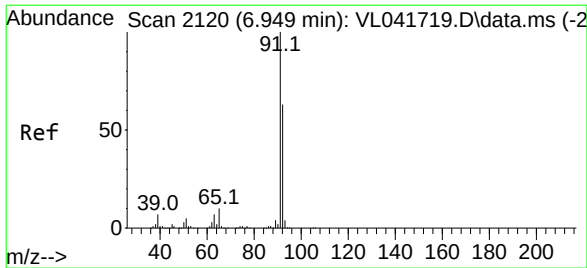
Tgt Ion: 43 Resp: 473720
Ion Ratio Lower Upper
43 100
58 67.2 54.2 81.4
98 0.2 0.2 0.2



#52
Tetrachloroethene
Concen: 8.854 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 164 Resp: 463566
Ion Ratio Lower Upper
164 100
166 127.3 101.4 152.0
129 85.1 67.6 101.4
131 82.5 65.3 97.9





#53

Toluene

Concen: 9.218 ppbv

RT: 6.940 min Scan# 2117

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

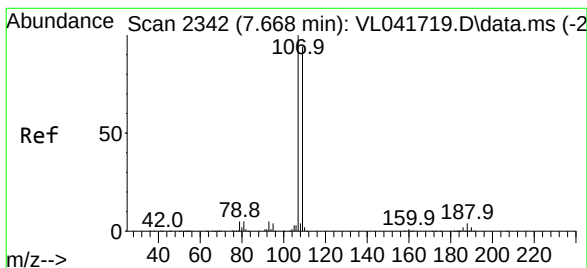
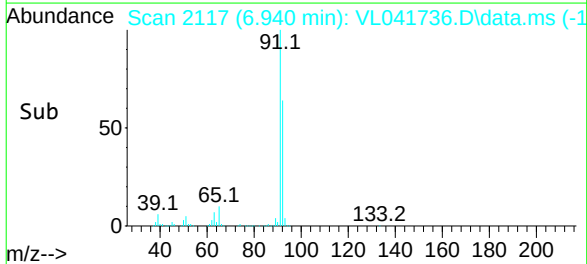
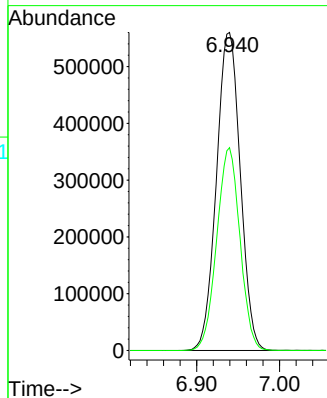
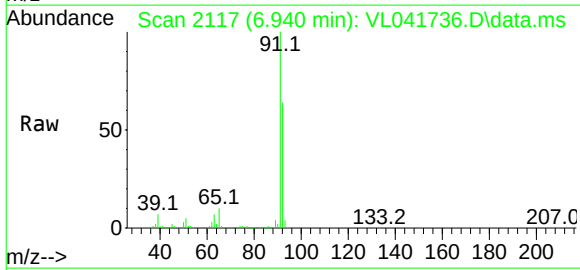
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 91 Resp: 1119426

Ion	Ratio	Lower	Upper
91	100		
92	62.2	49.7	74.5



#54

1,2-Dibromoethane

Concen: 9.212 ppbv

RT: 7.658 min Scan# 2339

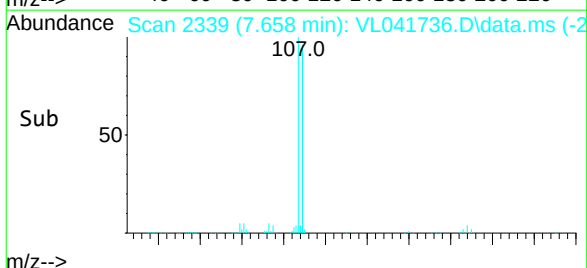
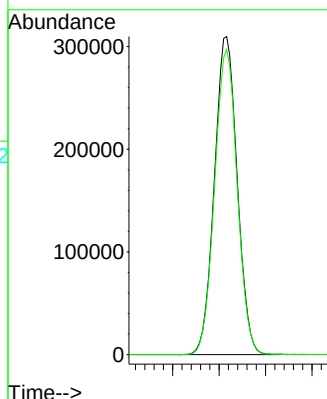
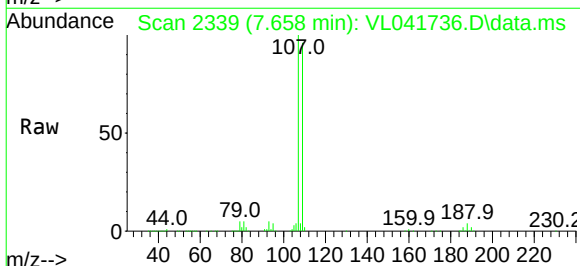
Delta R.T. -0.010 min

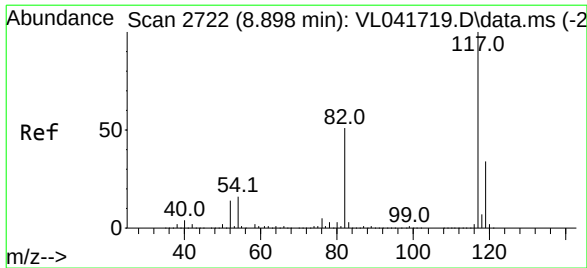
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion: 107 Resp: 528001

Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.5	113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 27

Delta R.T. -0.010 min

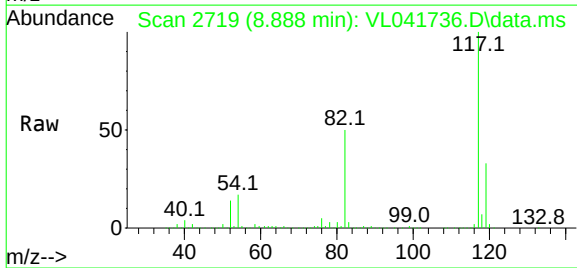
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



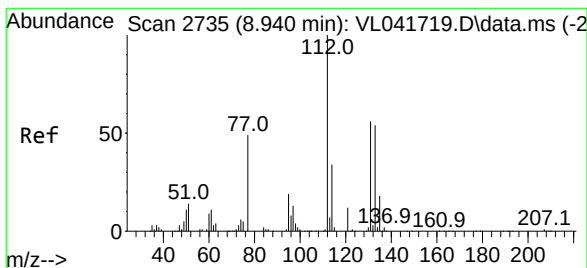
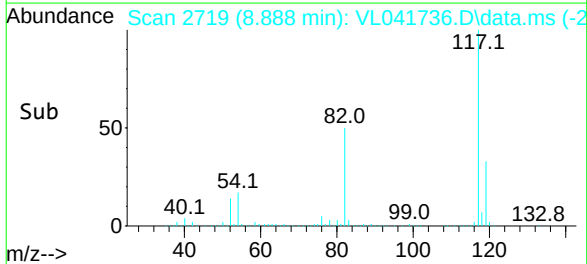
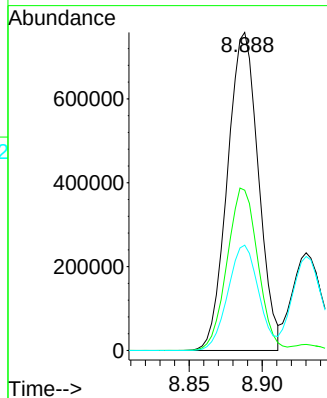
Tgt Ion:117 Resp: 1119484

Ion Ratio Lower Upper

117 100

82 52.4 41.3 61.9

119 33.3 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 9.418 ppbv

RT: 8.930 min Scan# 2732

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

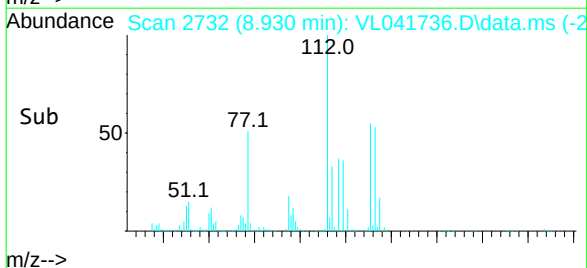
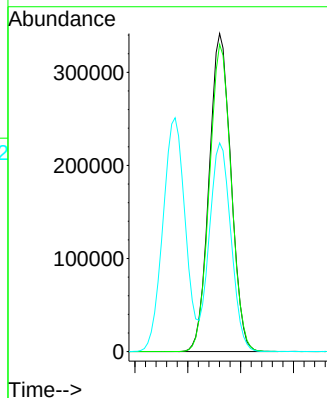
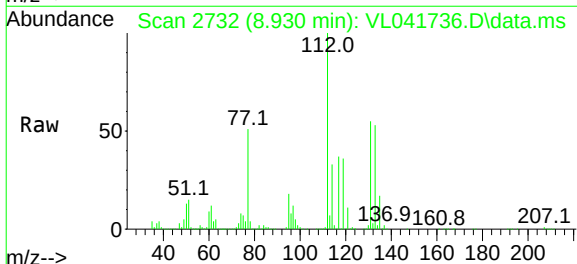
Tgt Ion:131 Resp: 490202

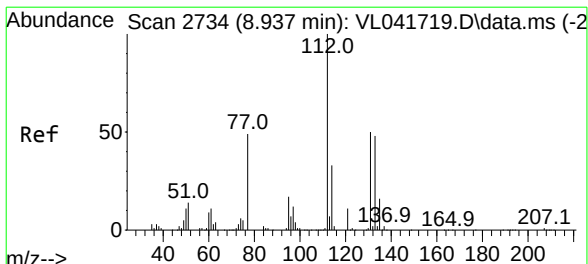
Ion Ratio Lower Upper

131 100

133 96.7 76.9 115.3

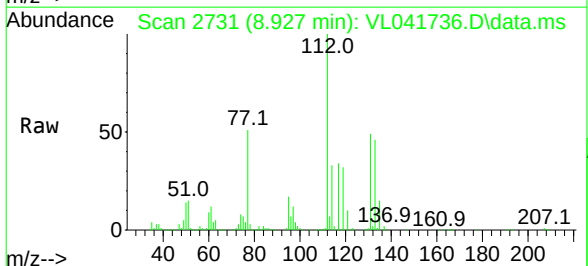
119 65.6 52.6 78.8





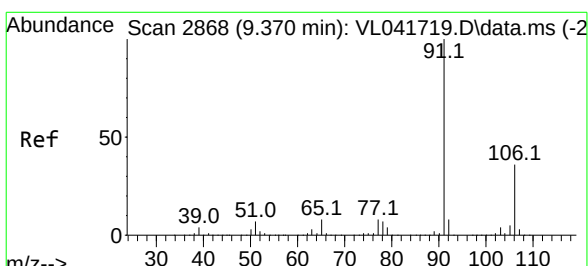
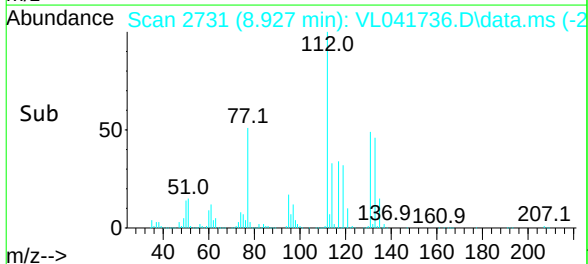
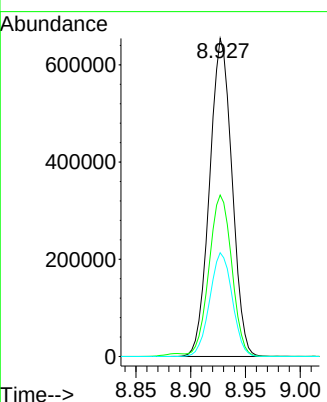
#57
 Chlorobenzene
 Concen: 9.161 ppbv
 RT: 8.927 min Scan# 2731
 Delta R.T. -0.010 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 112 Resp: 933220

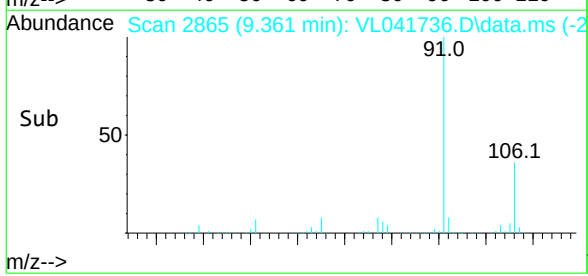
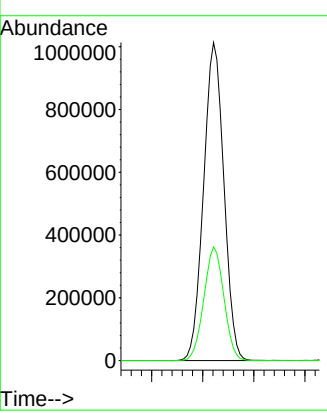
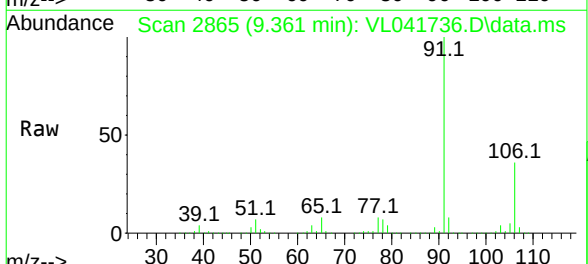
Ion	Ratio	Lower	Upper
112	100		
77	50.7	40.1	60.1
114	32.6	30.2	36.9

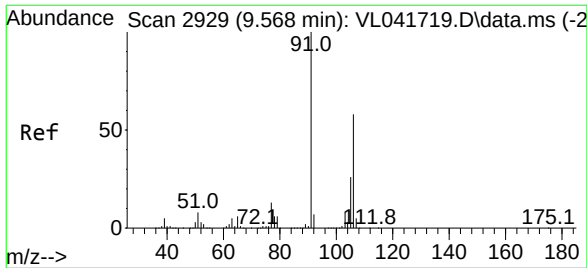


#58
 Ethyl Benzene
 Concen: 9.338 ppbv
 RT: 9.361 min Scan# 2865
 Delta R.T. -0.010 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Tgt Ion: 91 Resp: 1398960

Ion	Ratio	Lower	Upper
91	100		
106	35.8	28.6	43.0





#59

m/p-Xylene

Concen: 8.582 ppbv

RT: 9.558 min Scan# 29

Delta R.T. -0.010 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

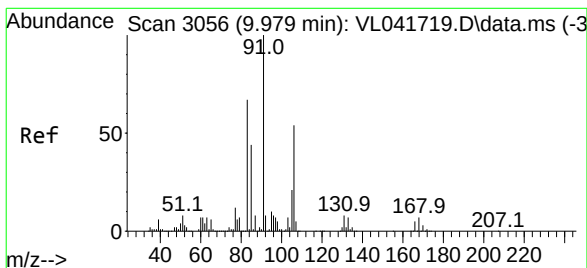
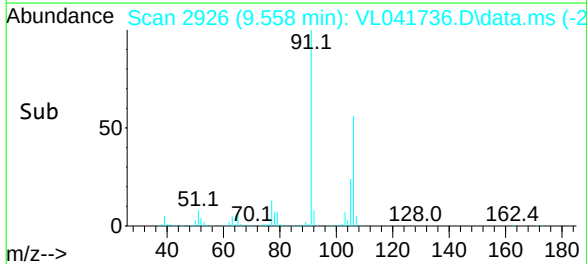
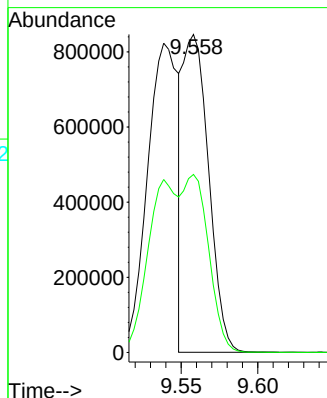
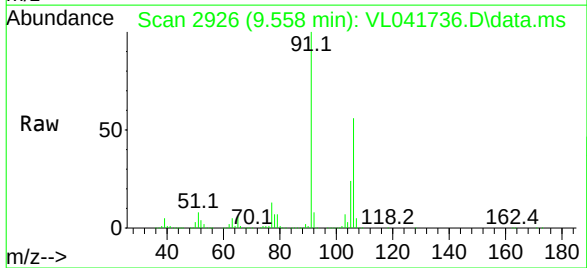
ClientSampleId :

Tgt Ion: 91 Resp: 985333

Ion Ratio Lower Upper

91 100

106 120.8 45.1 67.7#



#60

o-Xylene

Concen: 9.428 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. -0.010 min

Lab File: VL041736.D

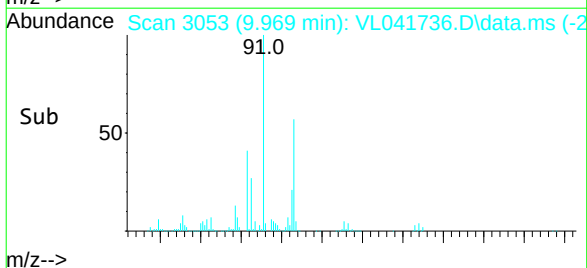
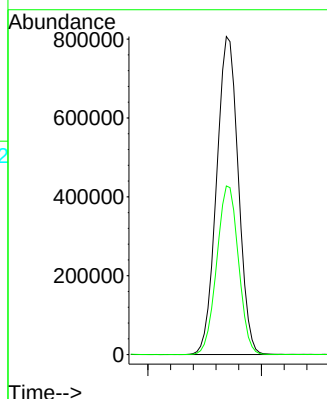
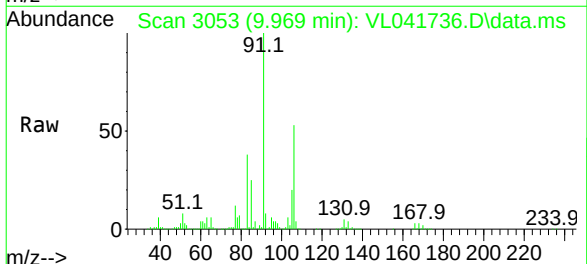
Acq: 11 Dec 2024 23:41

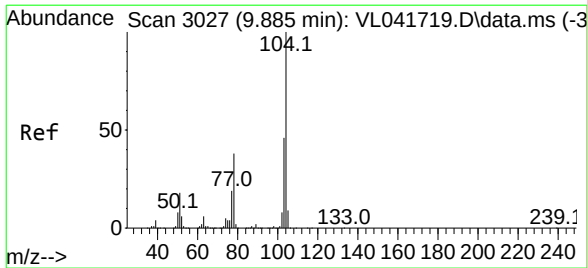
Tgt Ion: 91 Resp: 1073122

Ion Ratio Lower Upper

91 100

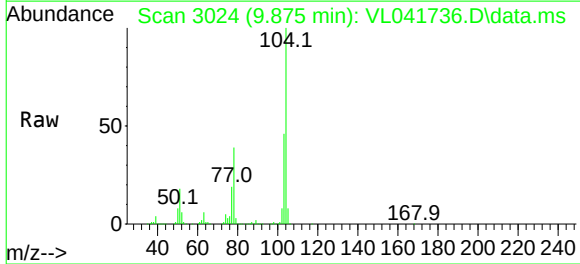
106 53.1 26.8 80.4



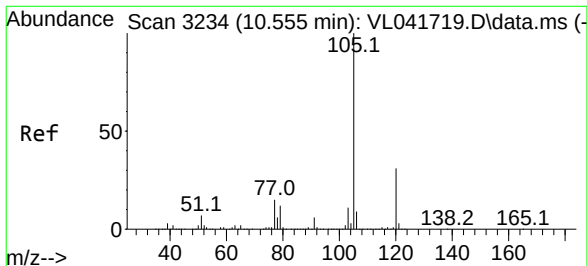
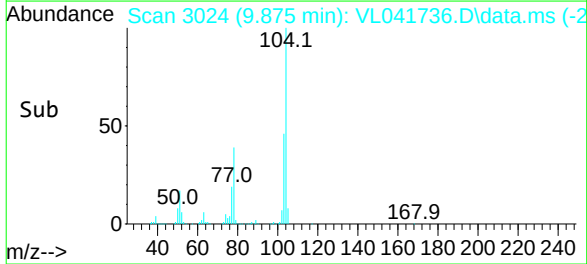
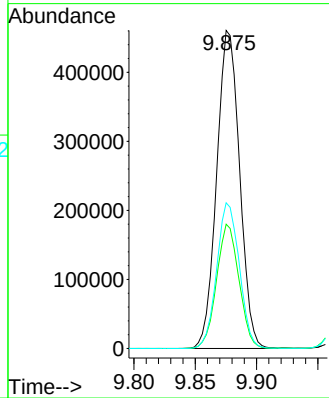


#61
Styrene
Concen: 9.540 ppbv
RT: 9.875 min Scan# 3027
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

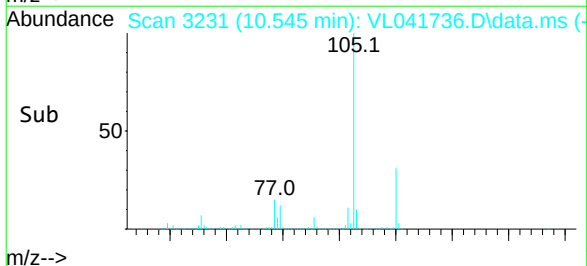
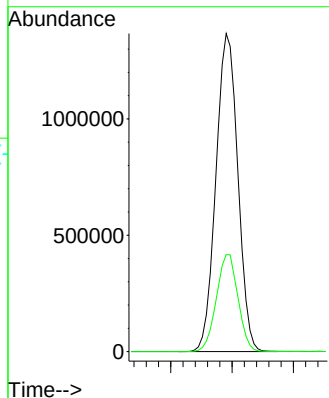
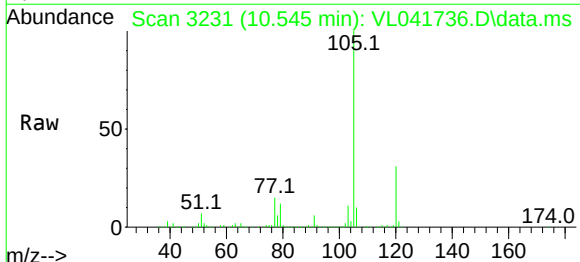


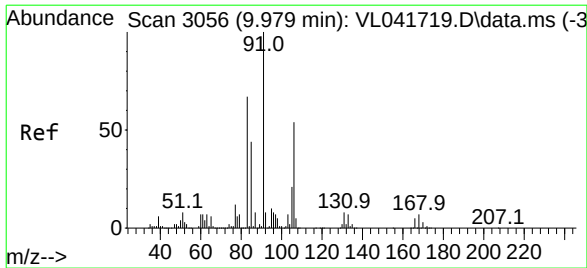
Tgt Ion:104 Resp: 599403
Ion Ratio Lower Upper
104 100
78 38.3 30.2 45.4
103 45.2 36.7 55.1



#62
Isopropylbenzene
Concen: 9.029 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

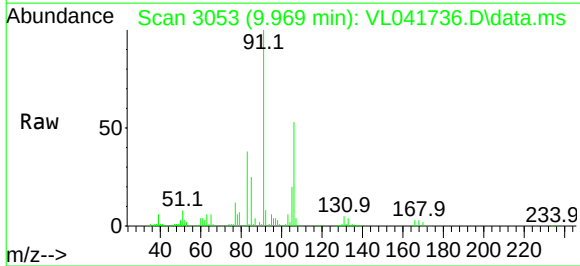
Tgt Ion:105 Resp: 1695295
Ion Ratio Lower Upper
105 100
120 30.1 24.3 36.5



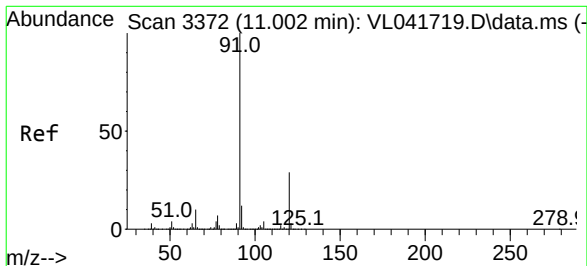
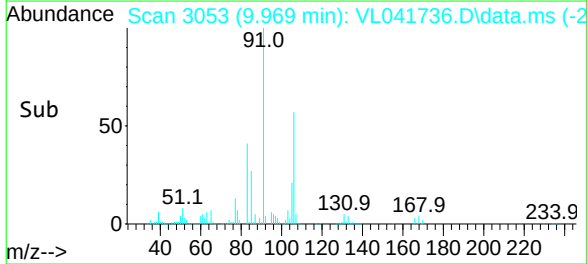
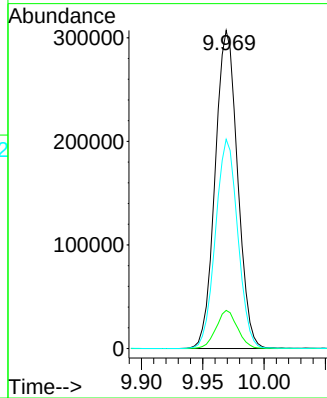


#63
1,1,2,2-Tetrachloroethane
Concen: 5.304 ppbv
RT: 9.969 min Scan# 3056
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

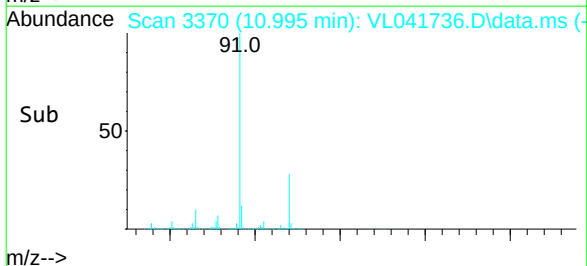
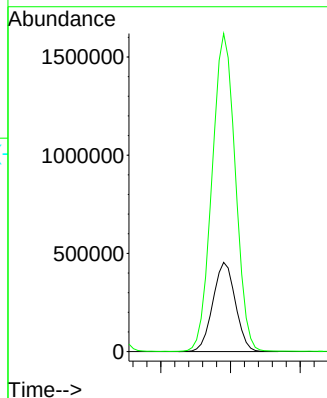
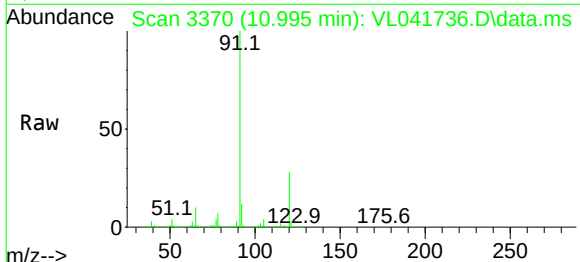


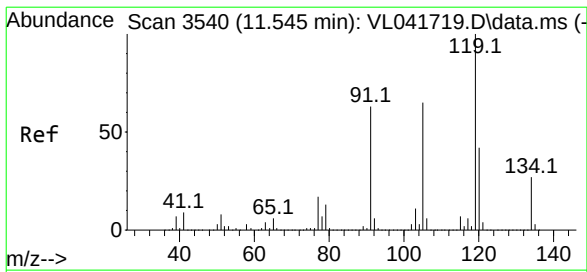
Tgt Ion: 83 Resp: 390592
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 65.4 32.8 98.4



#64
n-propylbenzene
Concen: 9.227 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

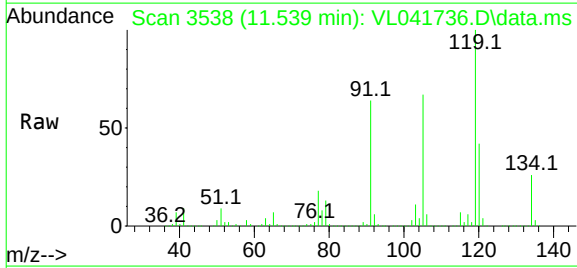
Tgt Ion: 120 Resp: 510127
Ion Ratio Lower Upper
120 100
91 369.5 290.8 436.2



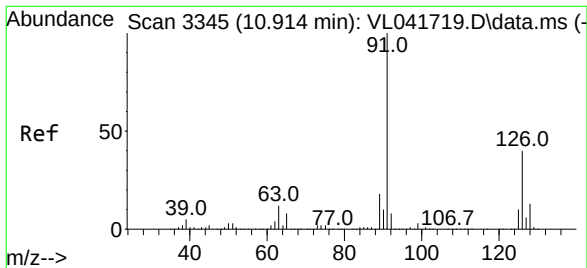
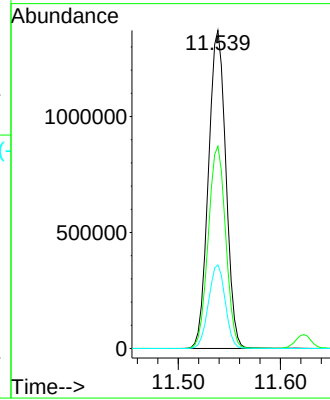
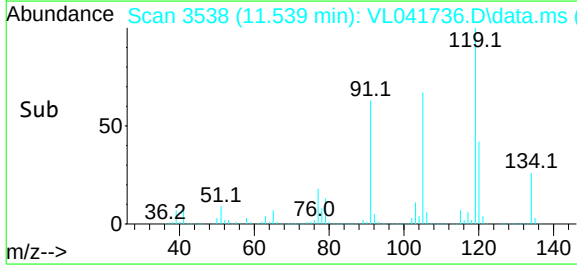


#65
tert-Butylbenzene
Concen: 9.137 ppbv
RT: 11.539 min Scan# 3540
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

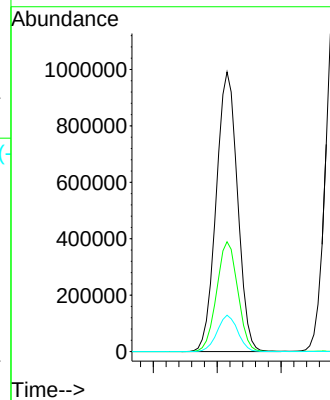
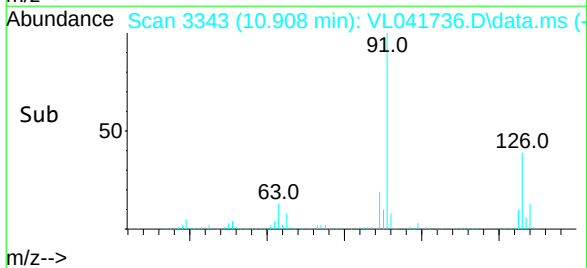
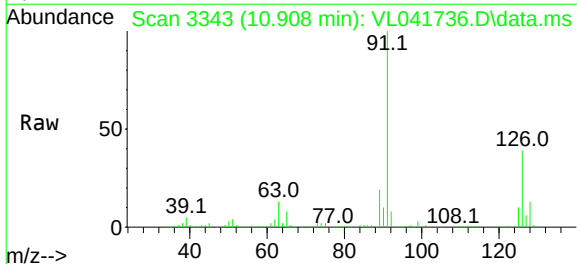


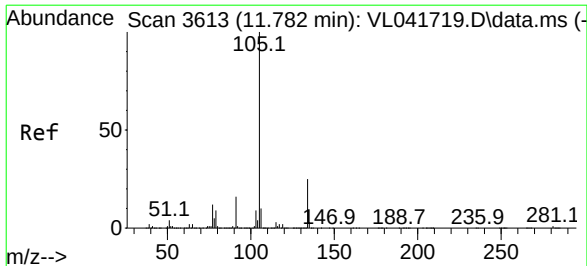
Tgt Ion:119 Resp: 1626384
Ion Ratio Lower Upper
119 100
91 63.4 50.2 75.4
134 25.2 20.4 30.6



#66
Benzyl Chloride
Concen: 9.014 ppbv
RT: 10.908 min Scan# 3343
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

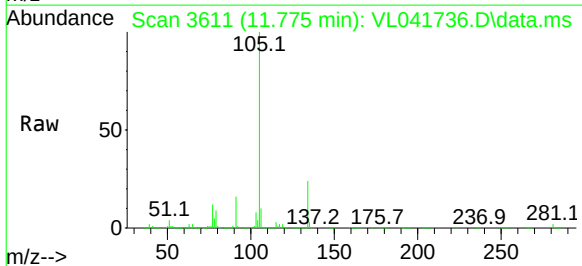
Tgt Ion: 91 Resp: 1150559
Ion Ratio Lower Upper
91 100
126 38.8 31.8 47.8
128 12.6 10.3 15.5



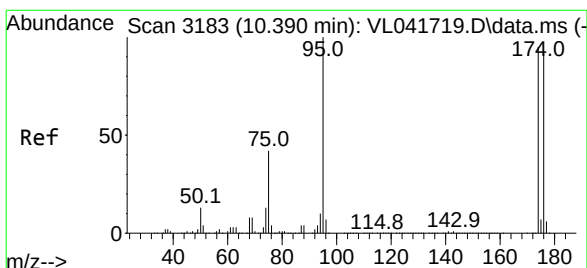
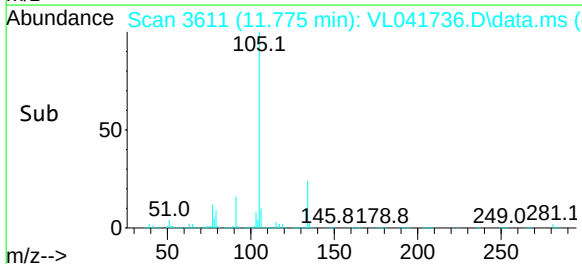
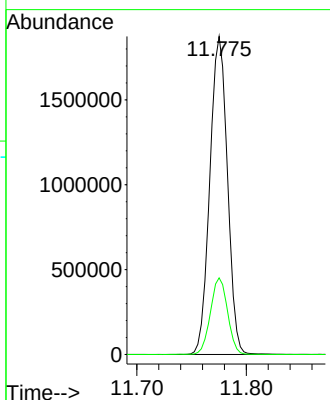


#67
 sec-Butylbenzene
 Concen: 9.084 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. -0.007 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Instrument :
 MSVOA_L
 ClientSampleId :

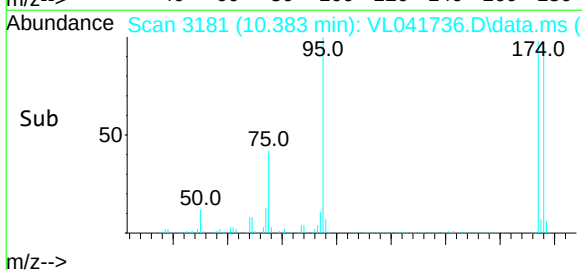
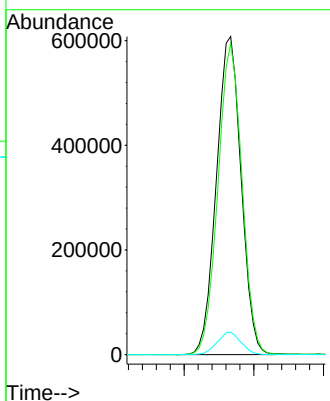
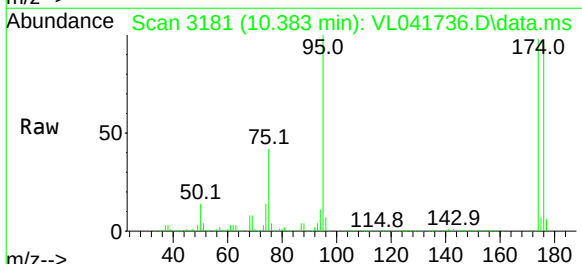


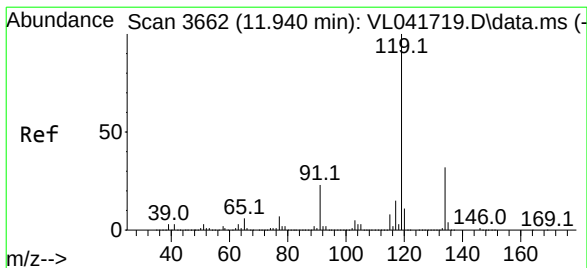
Tgt Ion:105 Resp: 2093007
 Ion Ratio Lower Upper
 105 100
 134 23.5 19.3 28.9



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.173 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL041736.D
 Acq: 11 Dec 2024 23:41

Tgt Ion: 95 Resp: 748643
 Ion Ratio Lower Upper
 95 100
 174 95.5 76.7 115.1
 175 6.8 5.4 8.2





#69

p-Isopropyltoluene

Concen: 9.175 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

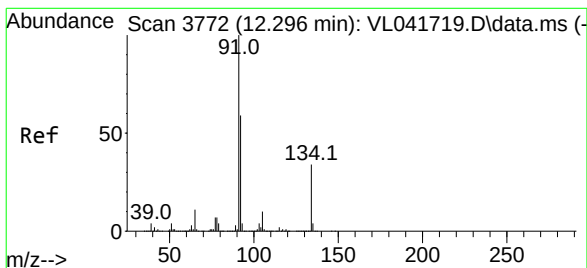
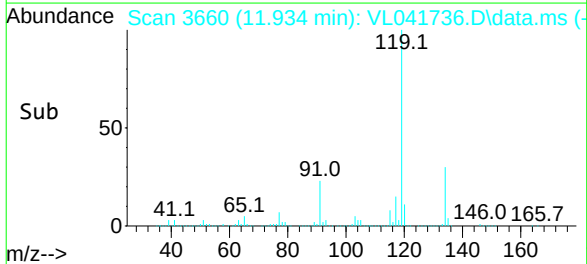
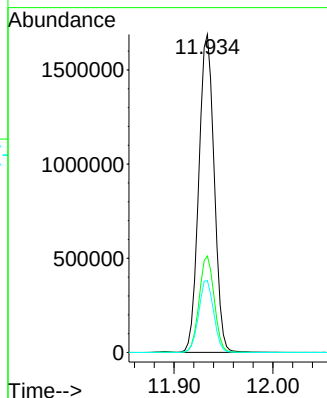
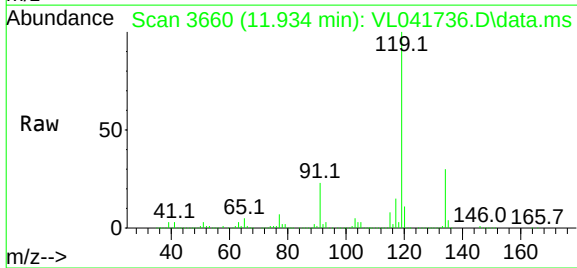
Tgt Ion:119 Resp: 1823257

Ion Ratio Lower Upper

119 100

134 29.9 24.6 36.8

91 22.2 17.8 26.8



#70

n-Butylbenzene

Concen: 9.395 ppbv

RT: 12.290 min Scan# 3770

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

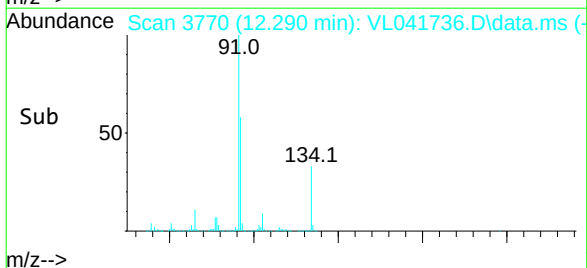
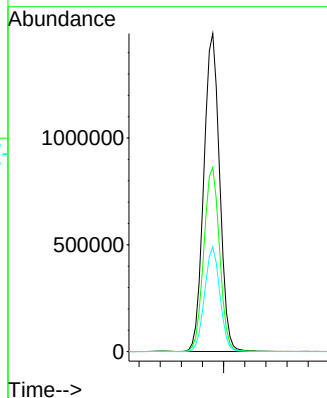
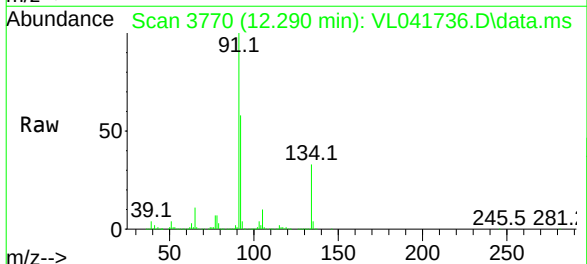
Tgt Ion: 91 Resp: 1549304

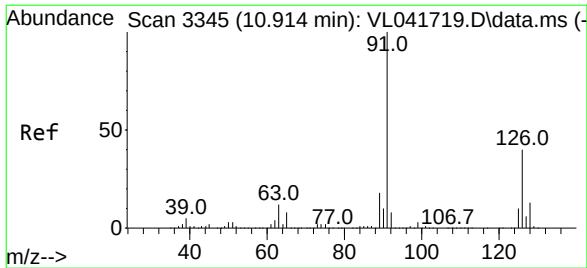
Ion Ratio Lower Upper

91 100

92 58.0 46.7 70.1

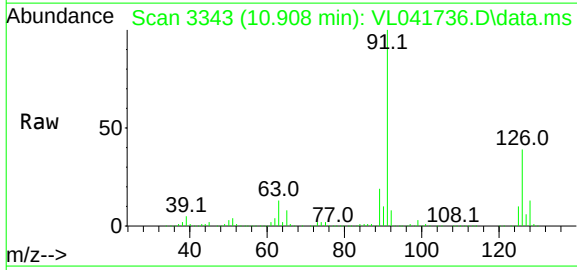
134 31.9 26.2 39.4



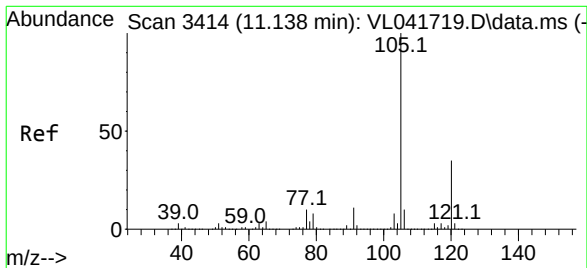
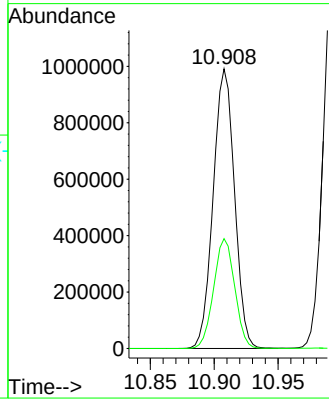
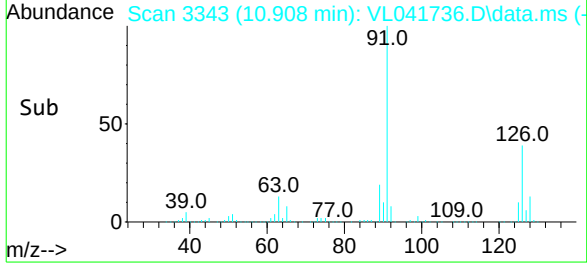


#71
2-Chlorotoluene
Concen: 9.014 ppbv
RT: 10.908 min Scan# 3345
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

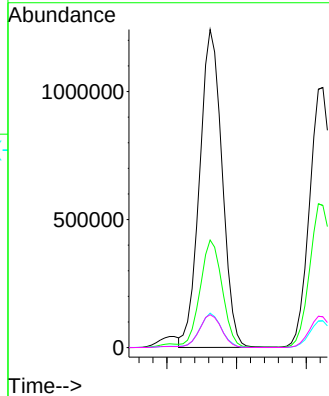
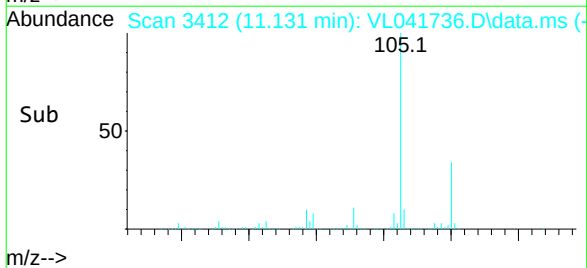
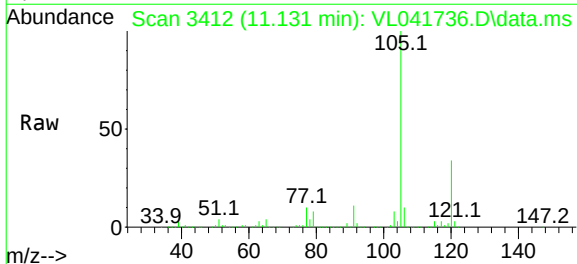


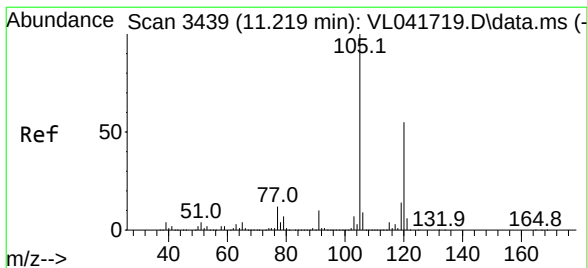
Tgt Ion: 91 Resp: 1150559
Ion Ratio Lower Upper
91 100
126 38.8 15.9 63.7



#72
4-Ethyltoluene
Concen: 9.454 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion: 105 Resp: 1389535
Ion Ratio Lower Upper
105 100
120 34.4 28.0 42.0
91 10.9 8.8 13.2
77 10.6 8.5 12.7





#73

1,3,5-Trimethylbenzene

Concen: 9.631 ppbv

RT: 11.212 min Scan# 3439

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

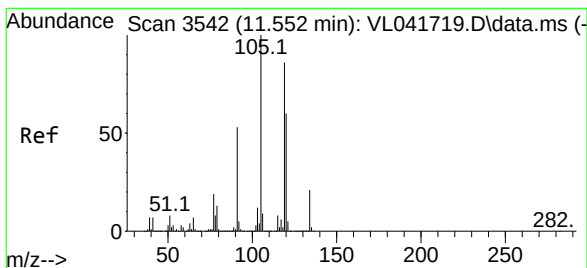
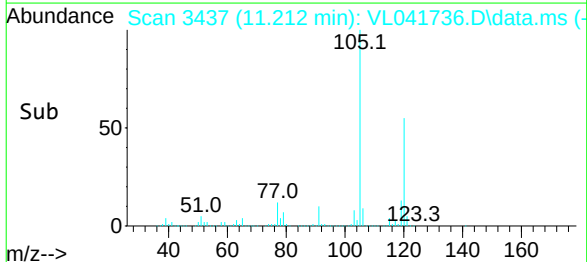
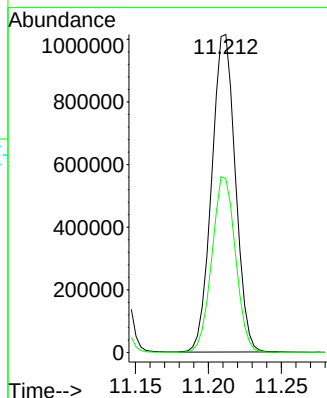
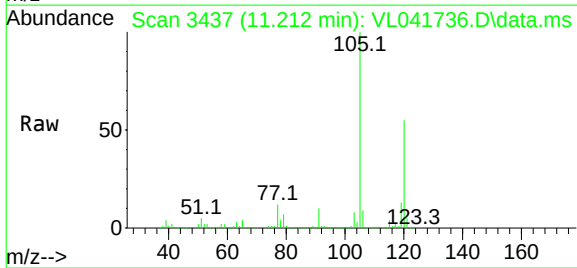
ClientSampleId :

Tgt Ion:105 Resp: 1145161

Ion Ratio Lower Upper

105 100

120 54.7 43.6 65.4



#74

1,2,4-Trimethylbenzene

Concen: 9.726 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.007 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Tgt Ion:105 Resp: 1257260

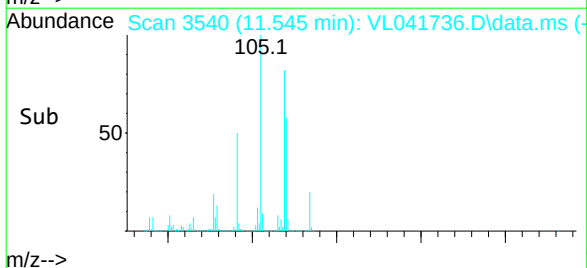
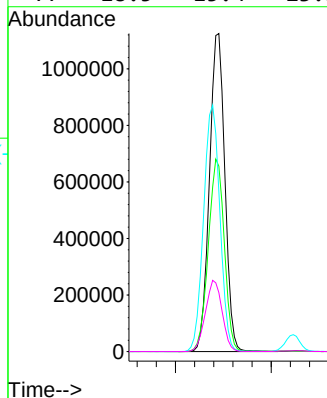
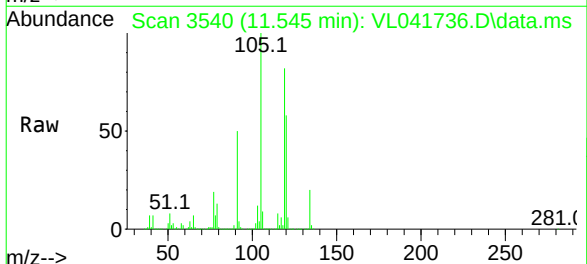
Ion Ratio Lower Upper

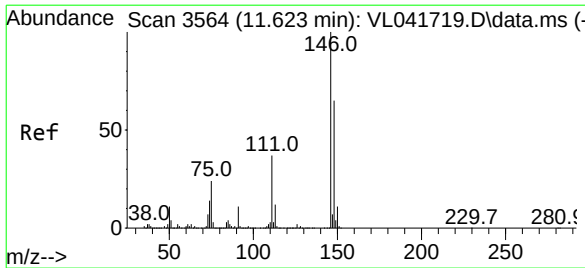
105 100

120 58.3 47.8 71.6

91 50.3 42.5 63.7

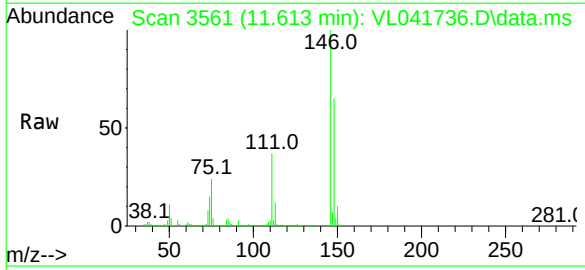
77 18.5 15.4 23.2



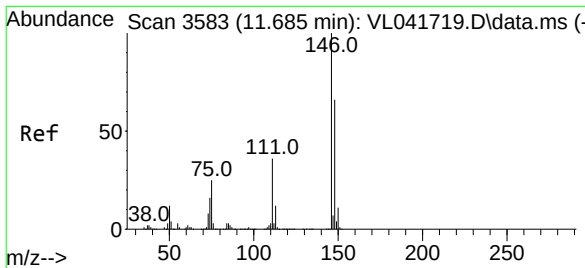
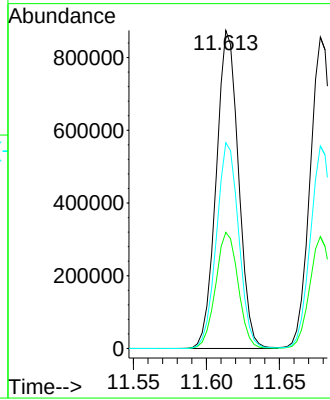
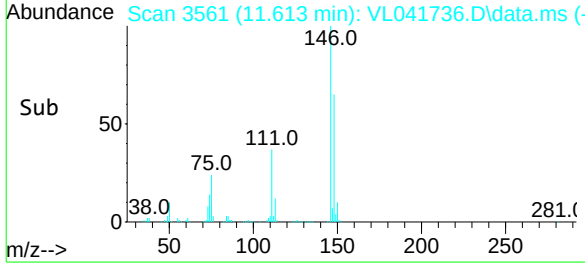


#75
1,3-Dichlorobenzene
Concen: 8.987 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.010 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Instrument :
MSVOA_L
ClientSampleId :

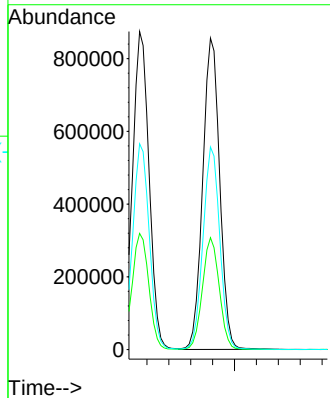
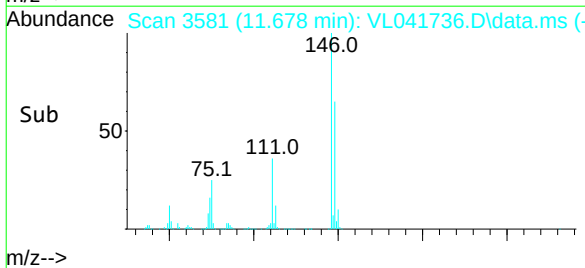
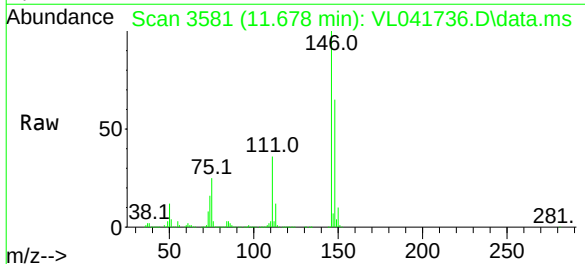


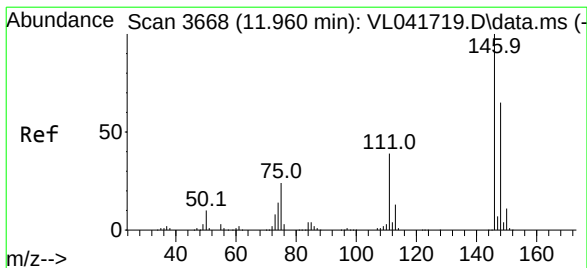
Tgt Ion:146 Resp: 928333
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.2
148 64.8 32.4 97.2



#76
1,4-Dichlorobenzene
Concen: 9.054 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.007 min
Lab File: VL041736.D
Acq: 11 Dec 2024 23:41

Tgt Ion:146 Resp: 923709
Ion Ratio Lower Upper
146 100
111 35.6 17.8 53.4
148 64.6 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 9.031 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. -0.007 min

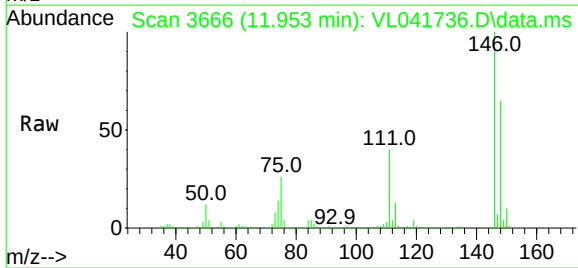
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



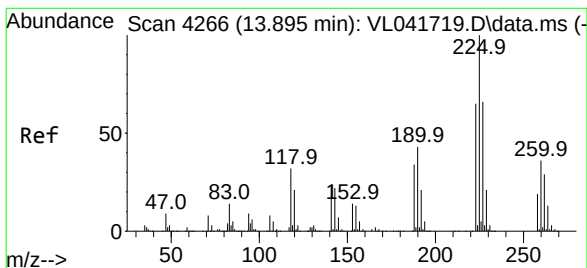
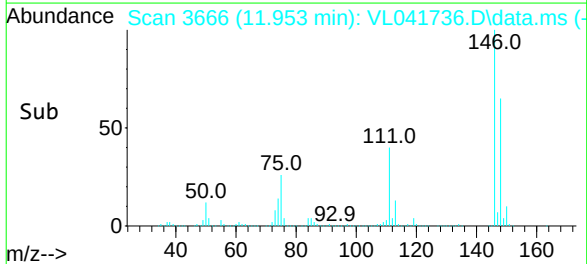
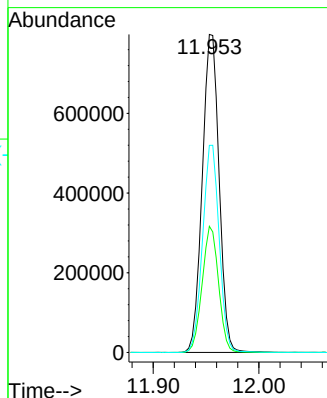
Tgt Ion:146 Resp: 883309

Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

148 64.5 32.4 97.2



#78

Hexachloro-1,3-Butadiene

Concen: 9.596 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

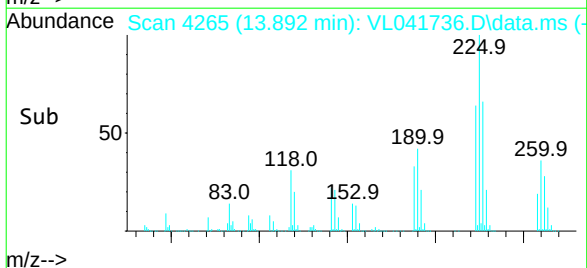
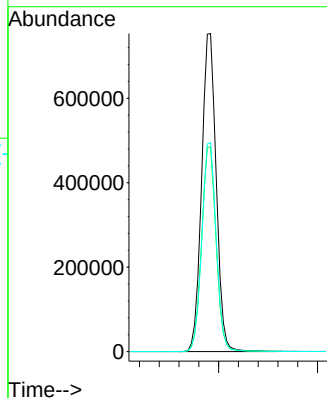
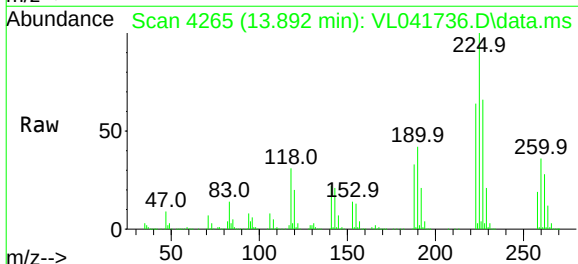
Tgt Ion:225 Resp: 771483

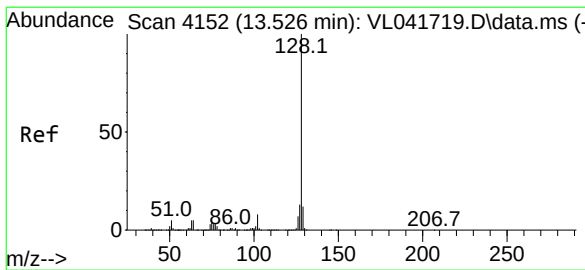
Ion Ratio Lower Upper

225 100

223 64.0 51.1 76.7

227 64.9 51.8 77.6





#79

Naphthalene

Concen: 11.125 ppbv

RT: 13.523 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :

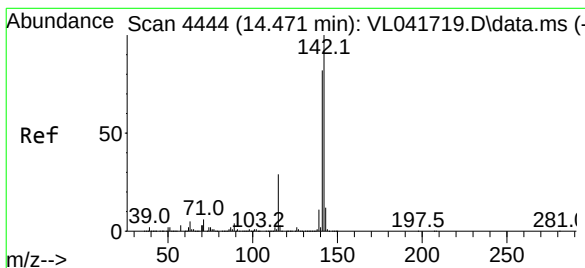
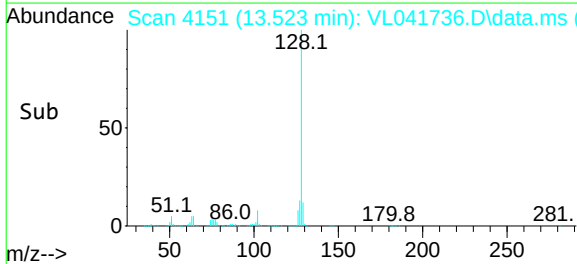
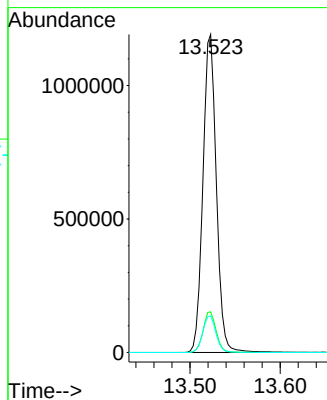
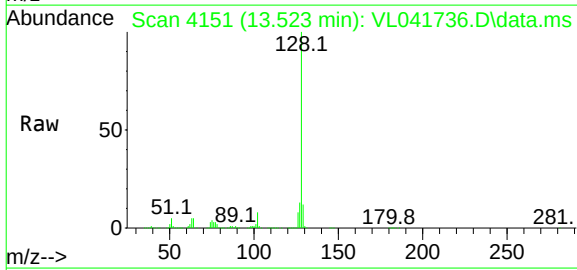
Tgt Ion:128 Resp: 1230885

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.5 9.4 14.0



#80

Naphthalene, 2-methyl-

Concen: 22.997 ppbv

RT: 14.468 min Scan# 4443

Delta R.T. -0.003 min

Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

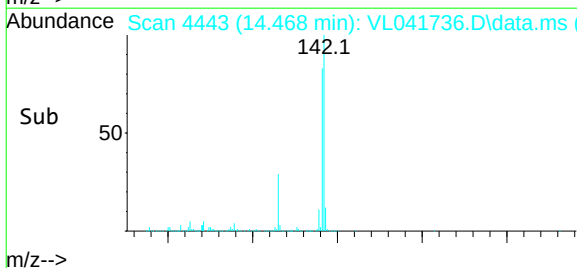
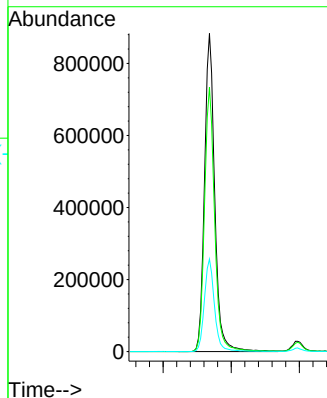
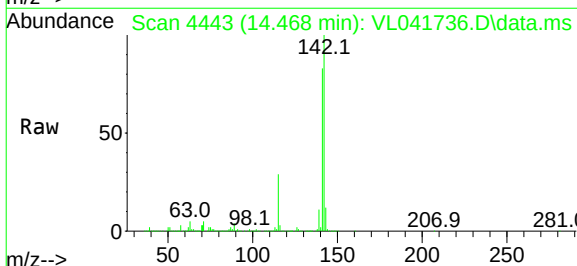
Tgt Ion:142 Resp: 920550

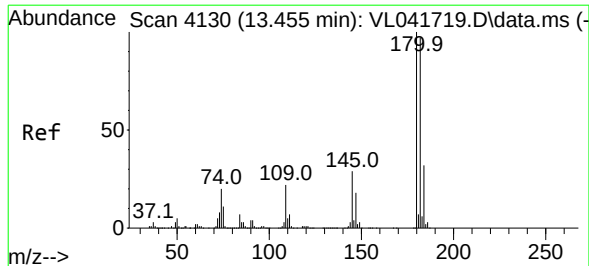
Ion Ratio Lower Upper

142 100

141 82.9 66.0 99.0

115 29.1 22.8 34.2





#81

1,2,4-Trichlorobenzene

Concen: 10.713 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.007 min

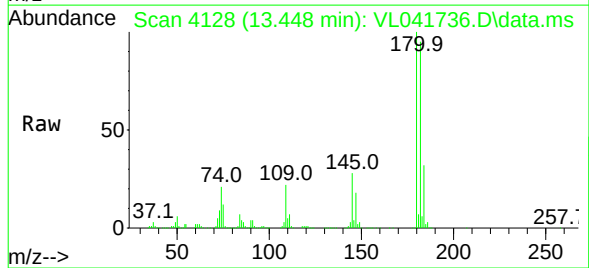
Lab File: VL041736.D

Acq: 11 Dec 2024 23:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 746302

Ion Ratio Lower Upper

180 100

182 96.4 77.2 115.8

184 31.5 25.2 37.8

