

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041766.D
 Acq On : 16 Dec 2024 23:24
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Quant Time: Dec 20 03:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	57684	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	154535	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	133684	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	110900	9.955	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	428	0.042	ppbv	90
3) Chlorodifluoromethane	1.476	51	464	0.049	ppbv	97
4) Chloromethane	1.531	50	236	0.059	ppbv #	81
5) Vinyl Chloride	1.580	62	115	0.028	ppbv #	82
6) Bromomethane	1.664	94	77	0.040	ppbv #	3
7) Chloroethane	1.709	64	33	0.021	ppbv #	40
8) Dichlorotetrafluoroethane	1.554	85	357	0.039	ppbv	97
9) Propene	1.483	41	473	0.116	ppbv	98
10) Heptane	4.988	43	154	0.015	ppbv #	29
11) Trichlorofluoromethane	2.140	101	229	0.021	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.140	101	229	0.028	ppbv #	22
13) Ethanol	1.722	45	255	0.755	ppbv #	34
14) Bromoethene	1.781	108	106	0.038	ppbv #	25
15) Acetone	1.839	43	2154	0.192	ppbv	90
16) 1,3-Butadiene	1.606	39	270	0.061	ppbv	90
17) tert-Butyl alcohol	2.043	59	399	0.036	ppbv #	93
18) 1,1-Dichloroethene	2.033	96	165	0.047	ppbv #	48
19) Isopropyl Alcohol	1.891	45	2282	0.339	ppbv #	34
20) Methylene Chloride	2.062	84	583	0.182	ppbv #	61
21) Allyl Chloride	2.098	41	452	0.074	ppbv #	15
22) trans-1,2-Dichloroethene	2.337	96	67	0.017	ppbv #	57
23) Vinyl Acetate	2.457	43	340	0.065	ppbv #	1
24) 1,1-Dichloroethane	2.408	63	412	0.051	ppbv #	88
25) Ethyl Acetate	2.839	43	408	0.020	ppbv #	77
26) Hexane	2.832	57	219	0.028	ppbv #	1
27) Carbon Disulfide	2.149	76	133	0.019	ppbv #	1
28) Methyl tert-Butyl Ether	2.441	73	103	0.016	ppbv #	54
29) Chloroform	2.852	83	535	0.044	ppbv #	55
30) Cyclohexane	3.852	84	198	0.029	ppbv #	62
31) cis-1,2-Dichloroethene	2.726	61	271	0.033	ppbv #	52
32) 1,1,1-Trichloroethane	3.363	97	122	0.010	ppbv #	22
34) 2-Butanone	2.564	43	607	0.049	ppbv	99
35) Carbon Tetrachloride	3.761	117	168	0.015	ppbv #	14
36) Benzene	3.658	78	596	0.037	ppbv #	71
37) 1,2-Dichloroethane	3.218	62	194	0.020	ppbv #	82
38) Trichloroethene	4.558	130	106	0.016	ppbv #	51
39) 1,2-Dichloropropane	3.956	63	43683	7.556	ppbv #	17
40) 1,4-Dioxane	4.629	88	64	0.023	ppbv #	4
41) Tetrahydrofuran	3.059	42	48	0.007	ppbv #	39
42) Bromodichloromethane	4.486	83	196	0.017	ppbv #	66
43) Methyl Methacrylate	4.888	69	121	0.020	ppbv #	58
44) 2,2,4-Trimethylpentane	4.645	57	115	0.004	ppbv #	1
45) t-1,3-Dichloropropene	6.419	75	43	0.007	ppbv #	42

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

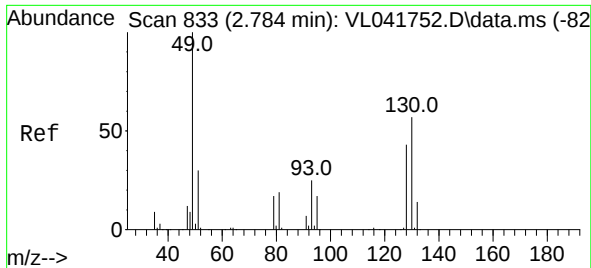
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	35	0.004	ppbv #	18
47) 1,1,2-Trichloroethane	6.587	97	60	0.010	ppbv #	30
48) Dibromochloromethane	7.386	129	101	0.012	ppbv	72
49) Bromoform	9.487	173	74	0.011	ppbv #	63
50) 4-Methyl-2-Pentanone	5.774	43	113	0.007	ppbv #	41
51) 2-Hexanone	7.451	43	51	0.004	ppbv #	31
52) Tetrachloroethene	8.234	164	125	0.021	ppbv #	46
53) Toluene	6.943	91	227	0.013	ppbv #	1
54) 1,2-Dibromoethane	7.655	107	38	0.005	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.924	131	167	0.024	ppbv #	1
57) Chlorobenzene	8.927	112	557	0.041	ppbv #	54
58) Ethyl Benzene	9.558	91	439	0.018	ppbv	99
59) m/p-Xylene	9.558	91	439	0.023	ppbv #	100
60) o-Xylene	9.969	91	497	0.026	ppbv	86
61) Styrene	9.872	104	66	0.008	ppbv #	27
62) Isopropylbenzene	10.539	105	794	0.027	ppbv	92
63) 1,1,2,2-Tetrachloroethane	9.972	83	202	0.017	ppbv #	54
64) n-propylbenzene	10.995	120	64	0.009	ppbv #	1
65) tert-Butylbenzene	11.536	119	525	0.020	ppbv #	80
66) Benzyl Chloride	11.613	91	42	0.018	ppbv #	66
67) sec-Butylbenzene	11.769	105	562	0.015	ppbv #	79
69) p-Isopropyltoluene	11.937	119	249	0.008	ppbv #	47
70) n-Butylbenzene	12.283	91	657	0.023	ppbv #	92
71) 2-Chlorotoluene	10.905	91	720	0.032	ppbv	75
72) 4-Ethyltoluene	11.125	105	532	0.023	ppbv #	67
73) 1,3,5-Trimethylbenzene	11.212	105	321	0.017	ppbv #	80
74) 1,2,4-Trimethylbenzene	11.545	105	111	0.005	ppbv #	54
75) 1,3-Dichlorobenzene	11.623	146	32	0.002	ppbv #	23
76) 1,4-Dichlorobenzene	11.672	146	456	0.035	ppbv	86
77) 1,2-Dichlorobenzene	11.953	146	470	0.037	ppbv	93
78) Hexachloro-1,3-Butadiene	13.892	225	87	0.009	ppbv #	1
79) Naphthalene	13.517	128	364	0.026	ppbv #	65
80) Naphthalene,2-methyl-	14.462	142	122	0.028	ppbv #	69
81) 1,2,4-Trichlorobenzene	13.445	180	230	0.030	ppbv #	37

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

Quant Time: Dec 20 03:33:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

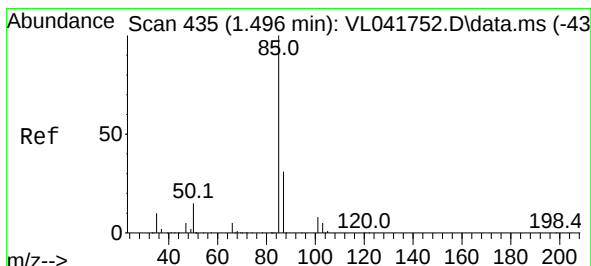
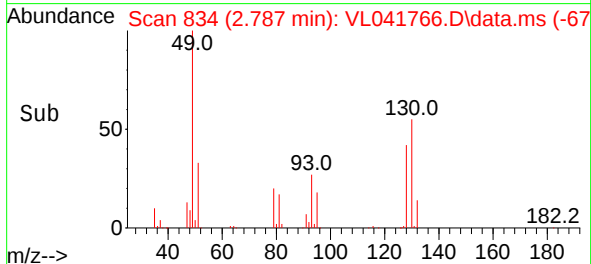
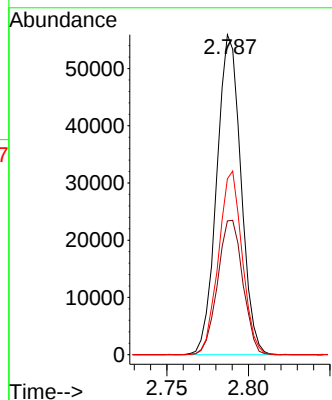
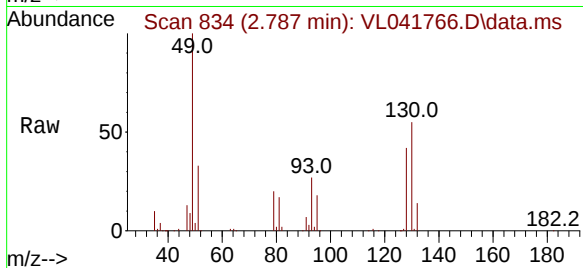




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

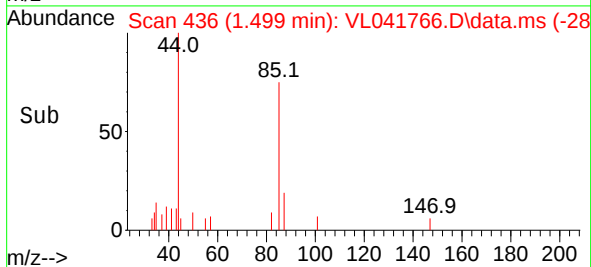
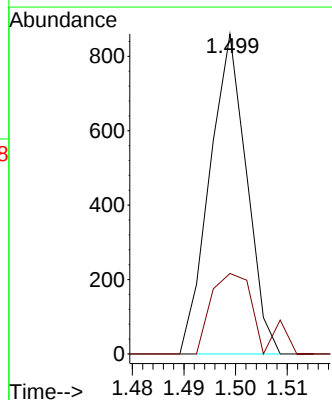
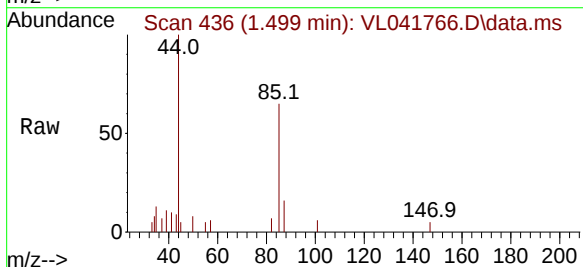
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

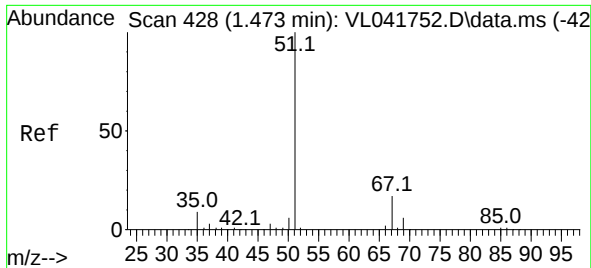
Tgt Ion: 49 Resp: 57684
Ion Ratio Lower Upper
49 100
128 43.6 21.6 64.6
130 56.0 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.042 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 85 Resp: 428
Ion Ratio Lower Upper
85 100
87 25.1 24.5 36.7

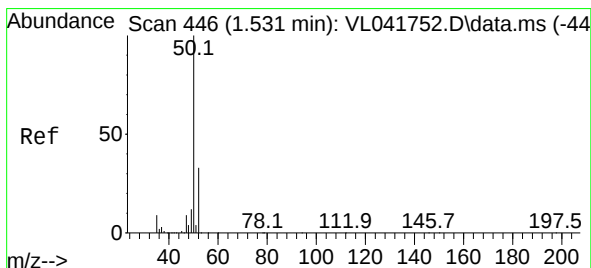
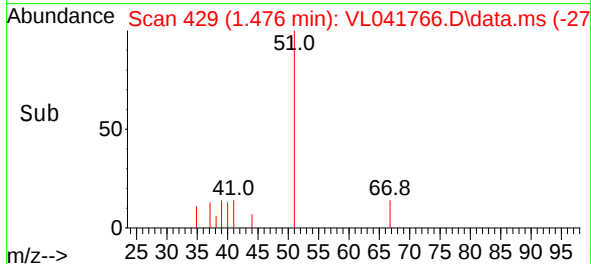
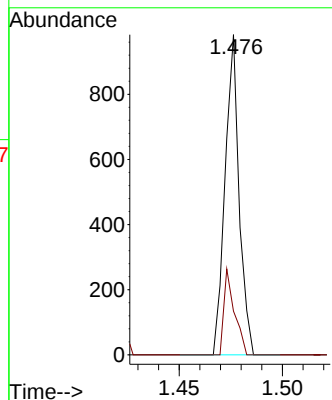
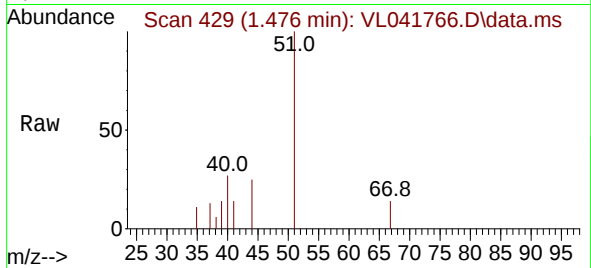




#3
Chlorodifluoromethane
Concen: 0.049 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

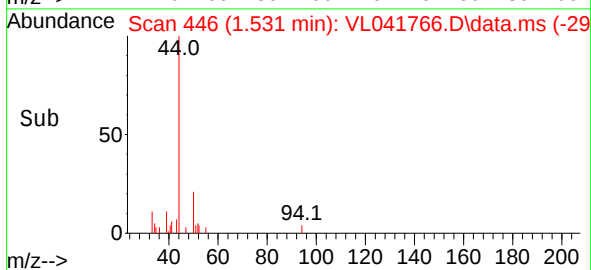
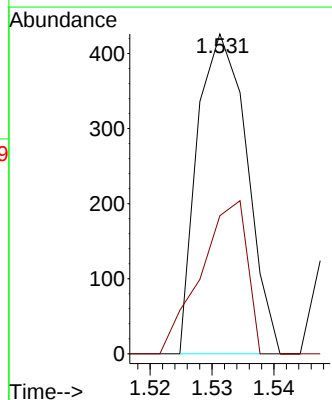
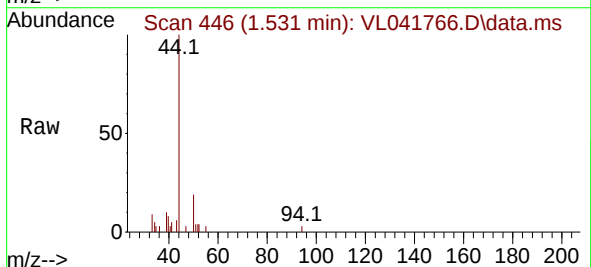
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

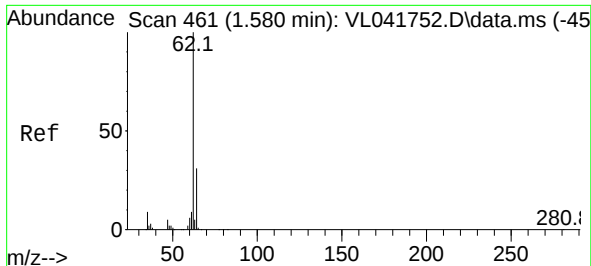
Tgt Ion: 51 Resp: 464
Ion Ratio Lower Upper
51 100
67 20.0 15.0 22.4



#4
Chloromethane
Concen: 0.059 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 50 Resp: 236
Ion Ratio Lower Upper
50 100
52 43.2 26.2 39.2#

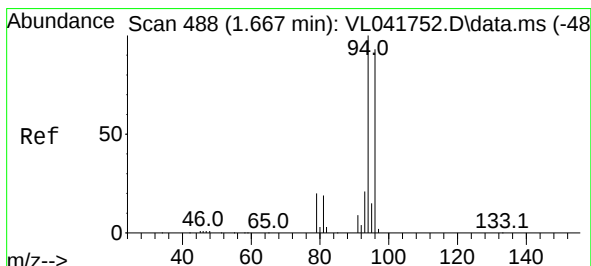
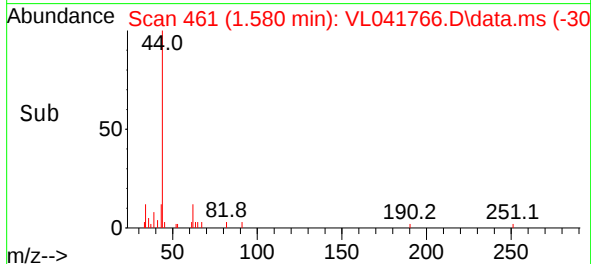
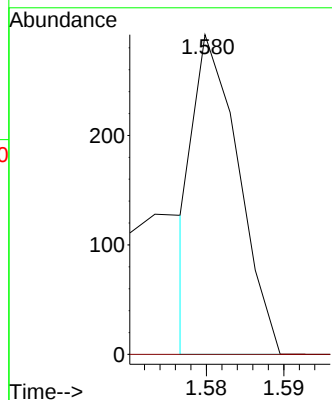
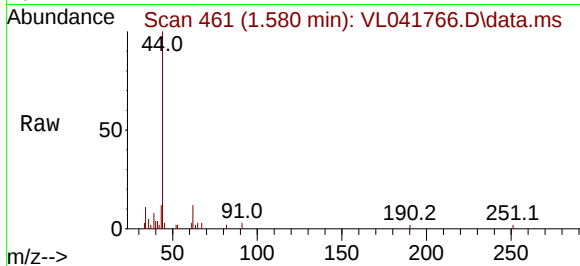




#5
 Vinyl Chloride
 Concen: 0.028 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

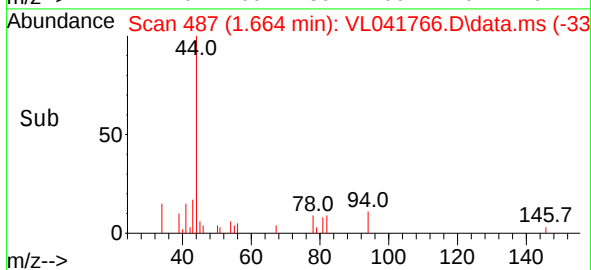
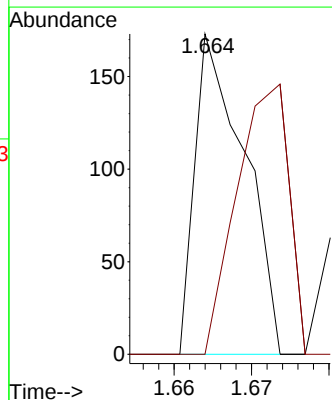
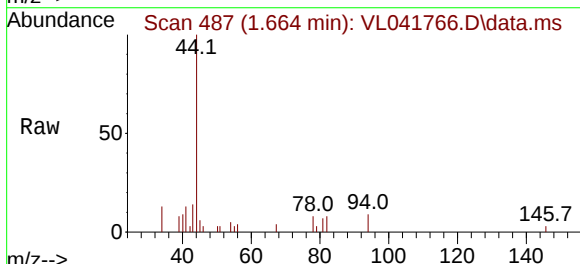
Instrument :
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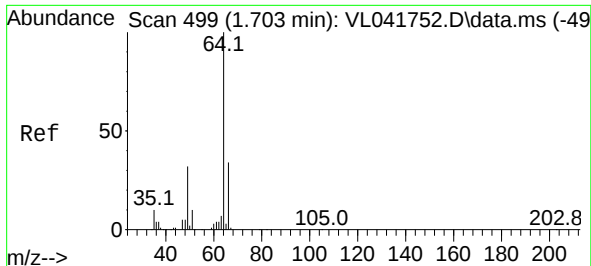
Tgt Ion: 62 Resp: 115
 Ion Ratio Lower Upper
 62 100
 64 21.6 25.1 37.7#



#6
 Bromomethane
 Concen: 0.040 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

Tgt Ion: 94 Resp: 77
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.7 112.1#

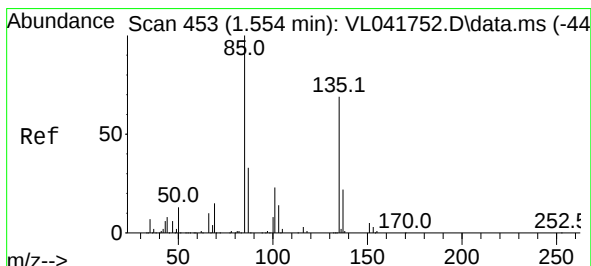
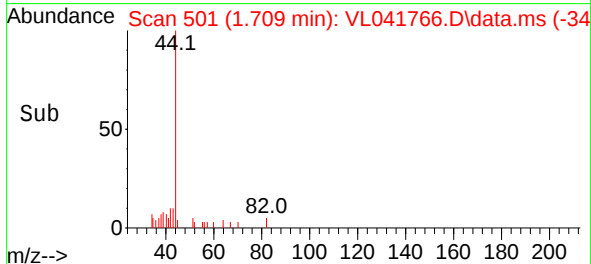
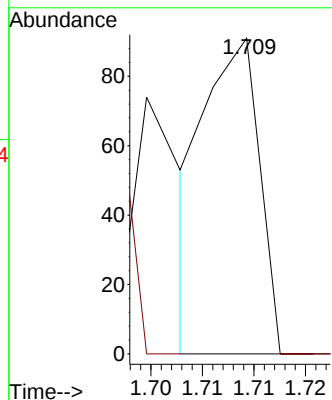
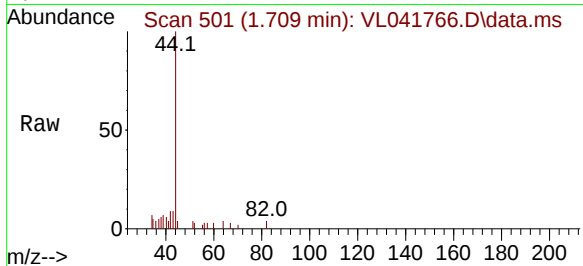




#7
Chloroethane
Concen: 0.021 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

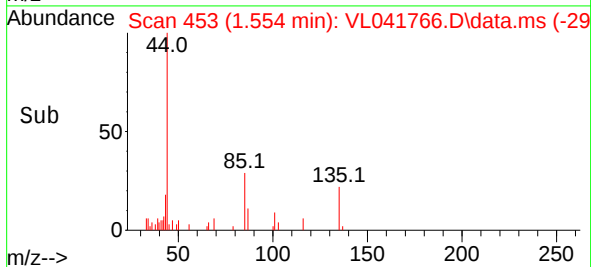
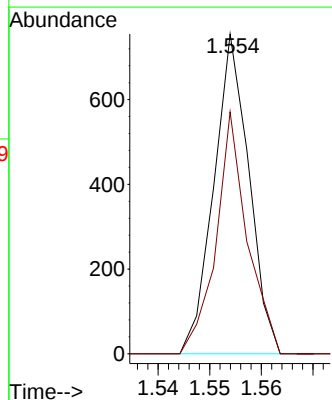
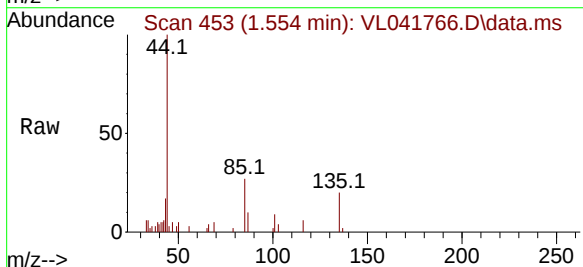
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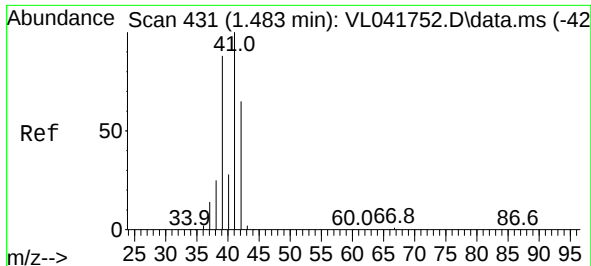
Tgt Ion: 64 Resp: 33
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.039 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 85 Resp: 357
Ion Ratio Lower Upper
85 100
135 67.2 51.9 77.9





#9

Propene

Concen: 0.116 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

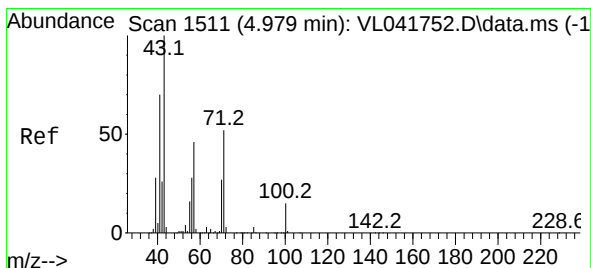
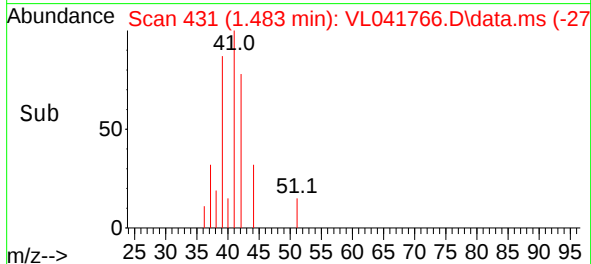
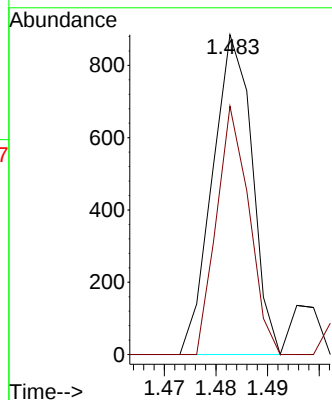
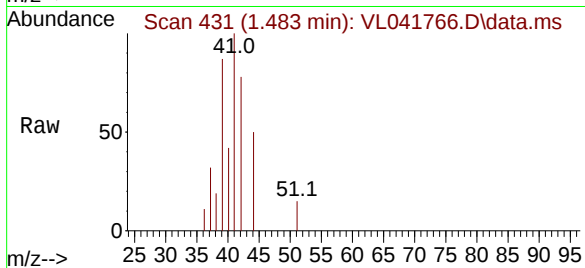
MDL 0.03

Tgt Ion: 41 Resp: 473

Ion Ratio Lower Upper

41 100

42 63.6 52.4 78.6



#10

Heptane

Concen: 0.015 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.010 min

Lab File: VL041766.D

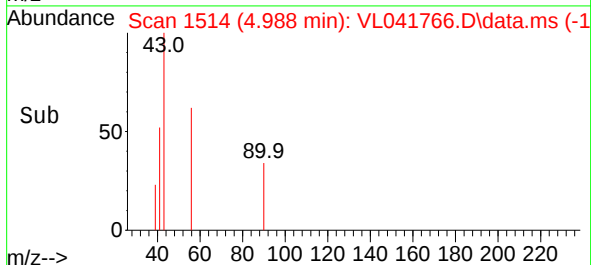
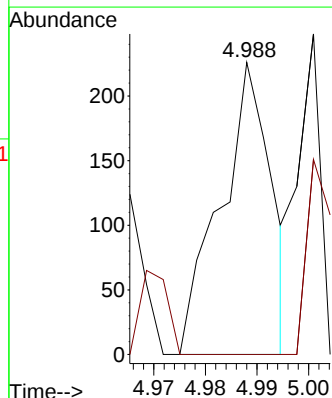
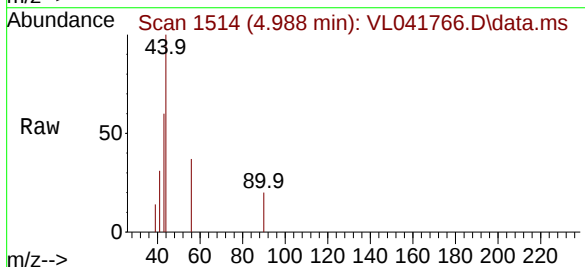
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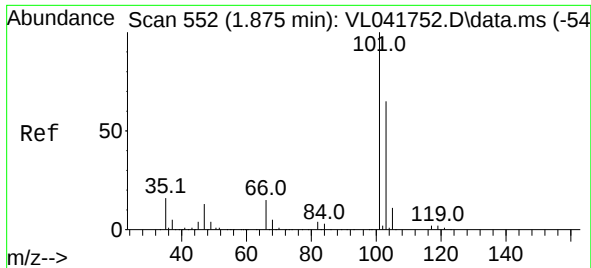
Tgt Ion: 43 Resp: 154

Ion Ratio Lower Upper

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57 0.0 38.5 57.7#

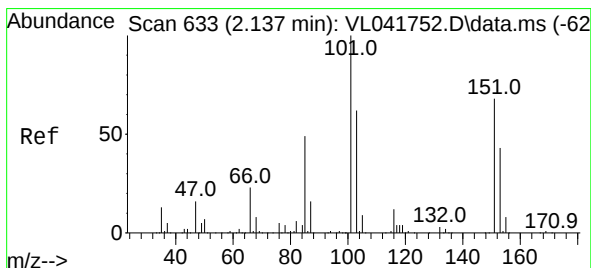
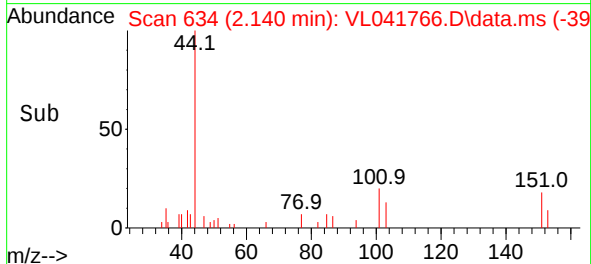
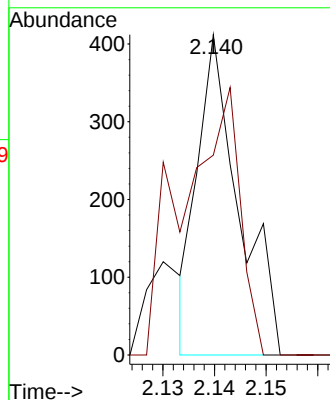
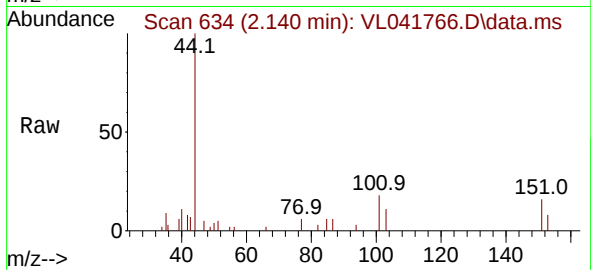




#11
Trichlorofluoromethane
Concen: 0.021 ppbv
RT: 2.140 min Scan# 61
Delta R.T. 0.265 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

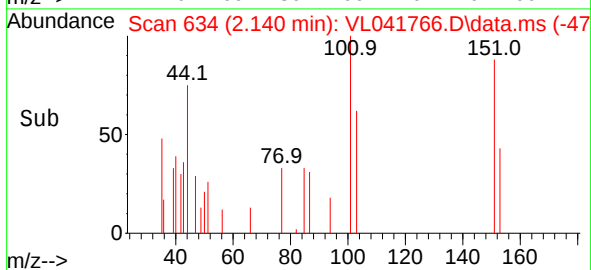
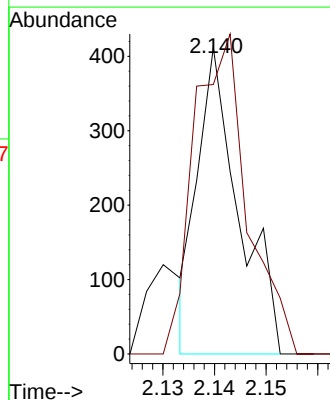
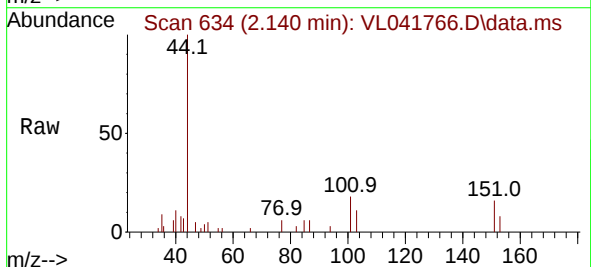
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

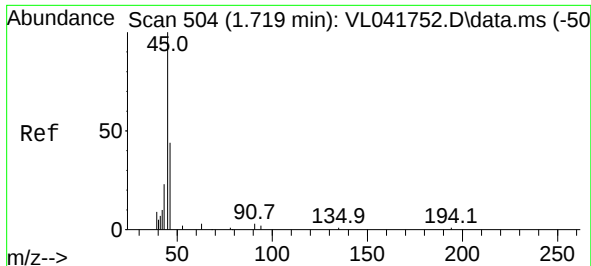
Tgt Ion:101 Resp: 229
Ion Ratio Lower Upper
101 100
103 62.4 51.8 77.8



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.028 ppbv
RT: 2.140 min Scan# 634
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion:101 Resp: 229
Ion Ratio Lower Upper
101 100
151 135.4 56.8 85.2#





#13

Ethanol

Concen: 0.755 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

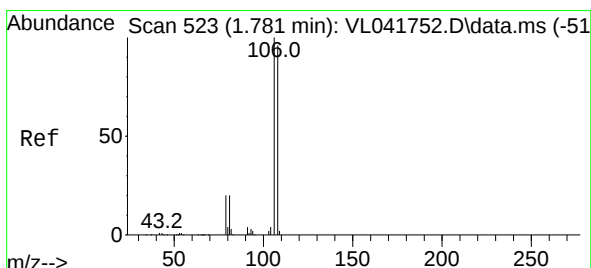
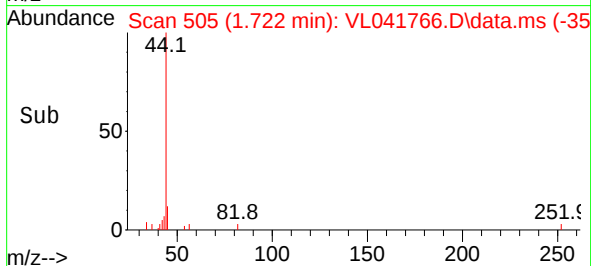
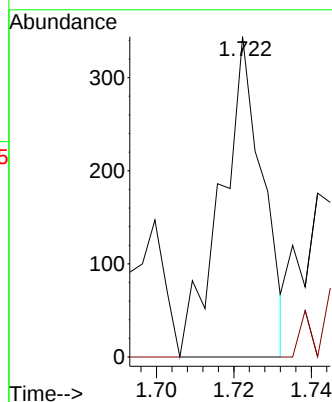
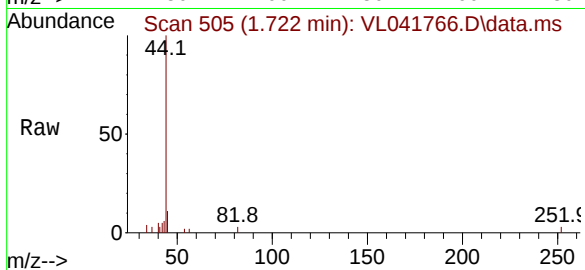
MDL 0.03

Tgt Ion: 45 Resp: 255

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.038 ppbv

RT: 1.781 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

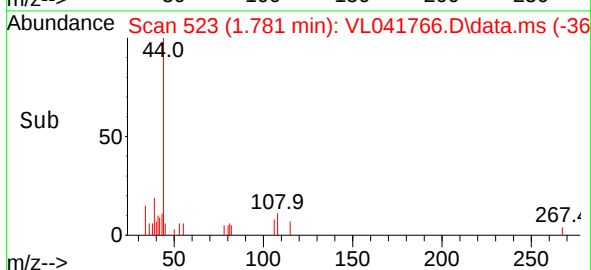
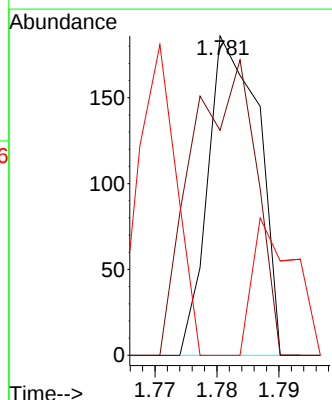
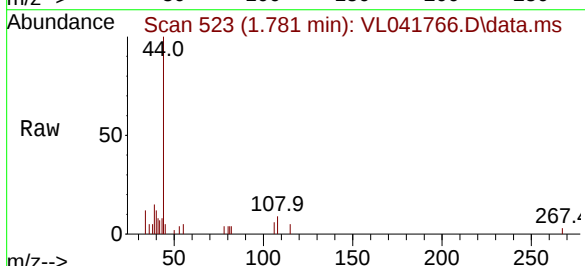
Tgt Ion: 108 Resp: 106

Ion Ratio Lower Upper

108 100

106 116.0 84.1 126.1

79 203.8 17.4 26.0#





#15

Acetone

Concen: 0.192 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

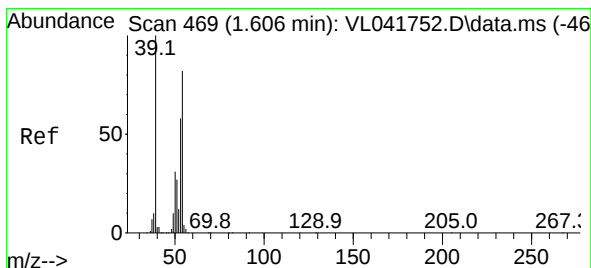
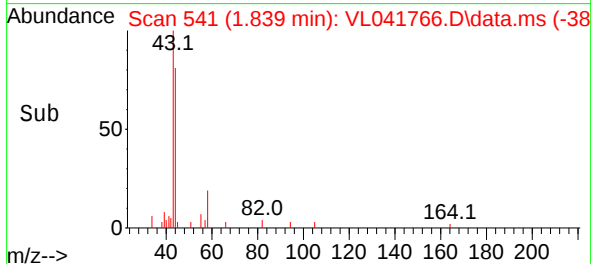
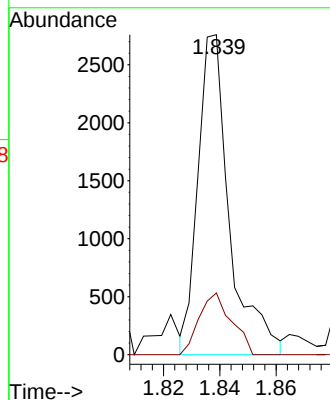
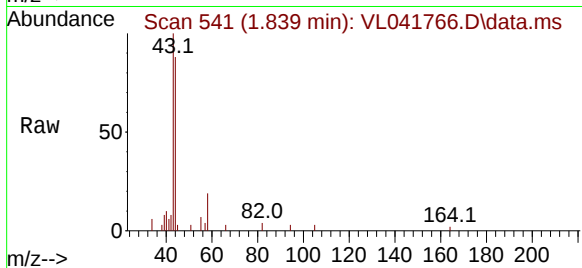
MDL 0.03

Tgt Ion: 43 Resp: 2154

Ion Ratio Lower Upper

43 100

58 19.7 19.7 29.5



#16

1,3-Butadiene

Concen: 0.061 ppbv

RT: 1.606 min Scan# 469

Delta R.T. -0.000 min

Lab File: VL041766.D

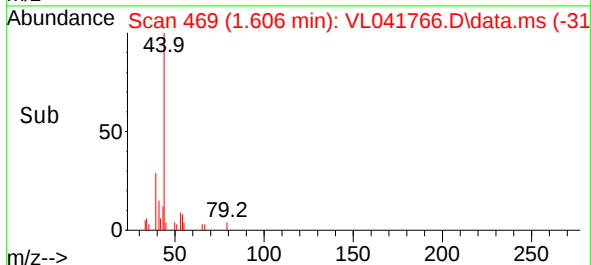
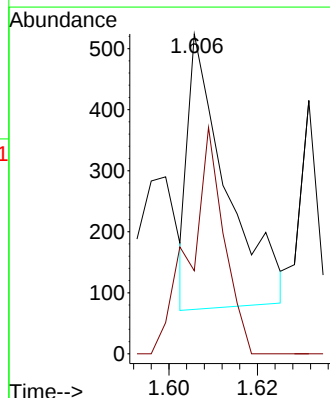
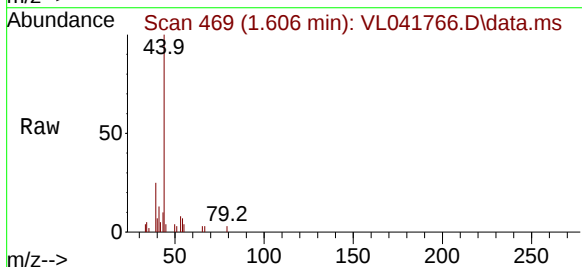
Acq: 16 Dec 2024 23:24

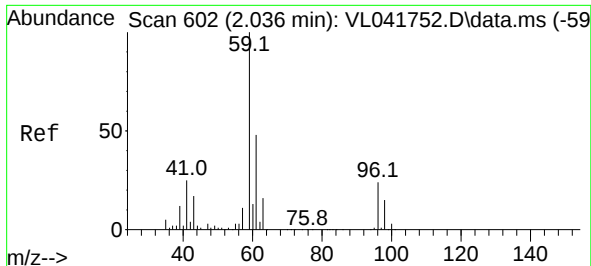
Tgt Ion: 39 Resp: 270

Ion Ratio Lower Upper

39 100

54 81.1 58.4 87.6

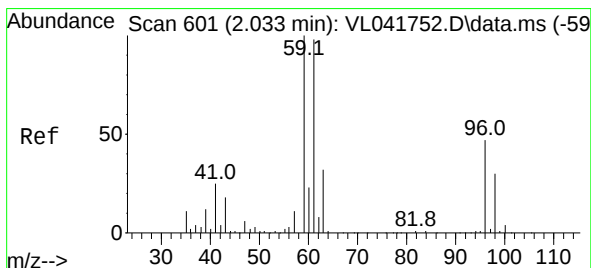
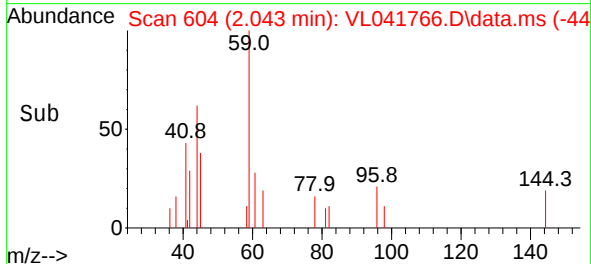
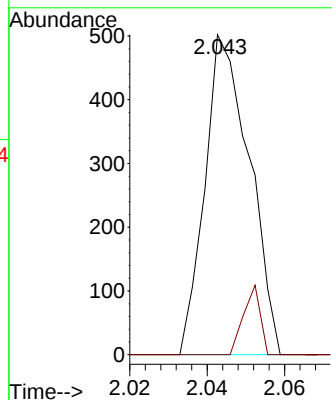
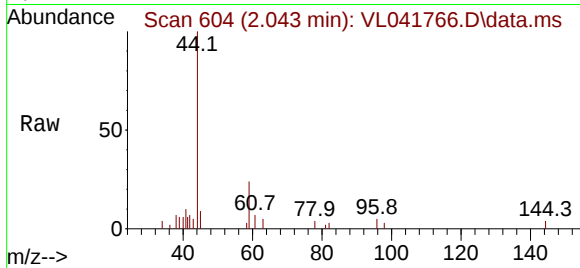




#17
tert-Butyl alcohol
Concen: 0.036 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

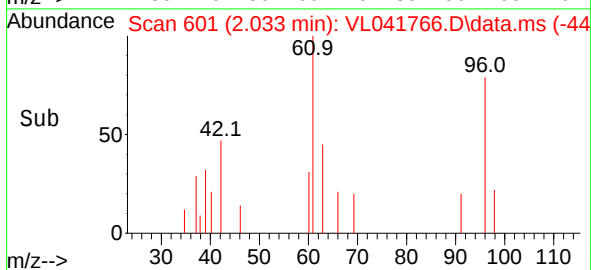
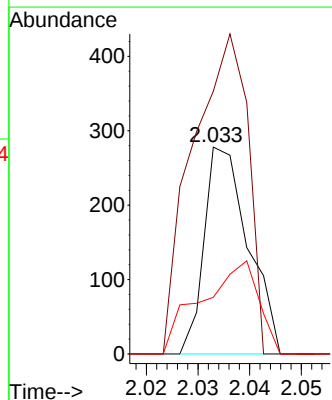
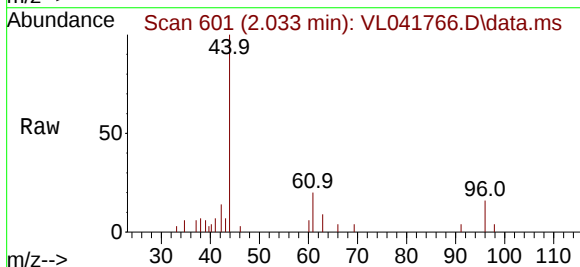
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

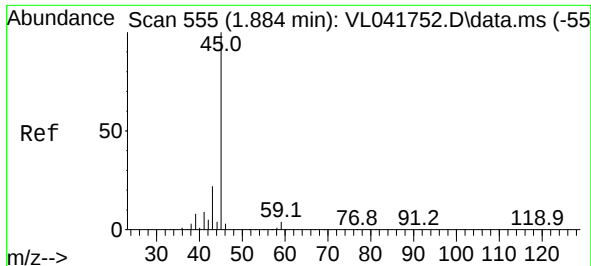
Tgt Ion: 59 Resp: 399
Ion Ratio Lower Upper
59 100
57 8.3 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.047 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.000 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 96 Resp: 165
Ion Ratio Lower Upper
96 100
61 127.0 167.7 251.5#
98 27.3 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.339 ppbv

RT: 1.891 min Scan# 5

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_1

ClientSampleId :

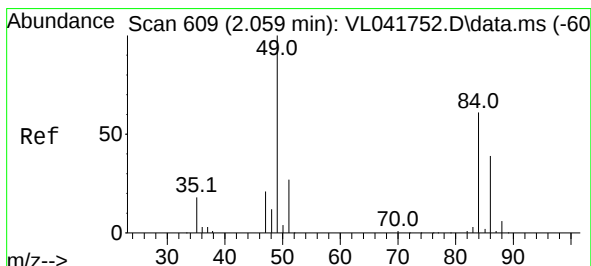
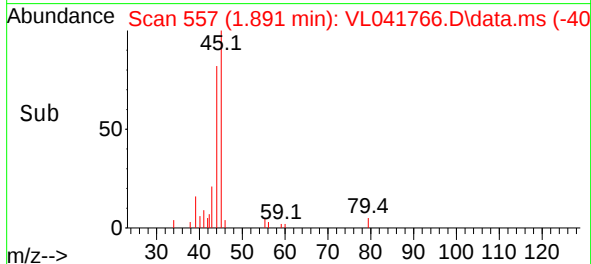
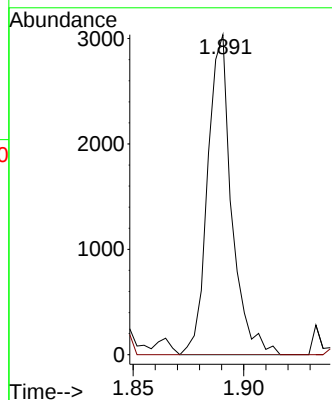
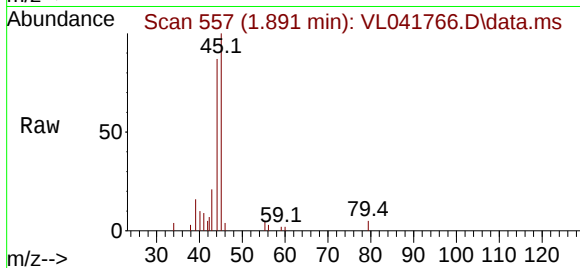
MDL 0.03

Tgt Ion: 45 Resp: 2282

Ion Ratio Lower Upper

45 100

58 0.0 33.3 49.9#



#20

Methylene Chloride

Concen: 0.182 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion: 84 Resp: 583

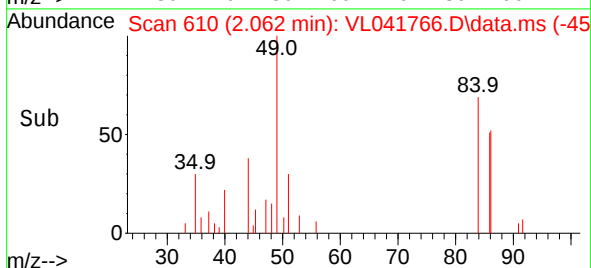
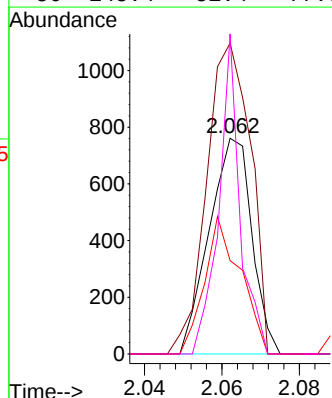
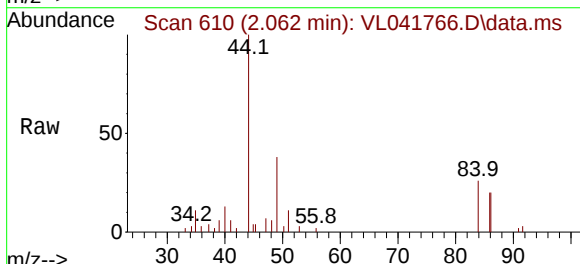
Ion Ratio Lower Upper

84 100

49 135.9 132.6 198.8

51 43.2 37.6 56.4

86 148.4 51.4 77.0#





#21

Allyl Chloride

Concen: 0.074 ppbv

RT: 2.098 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.03

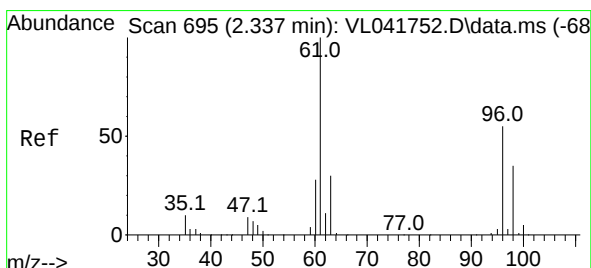
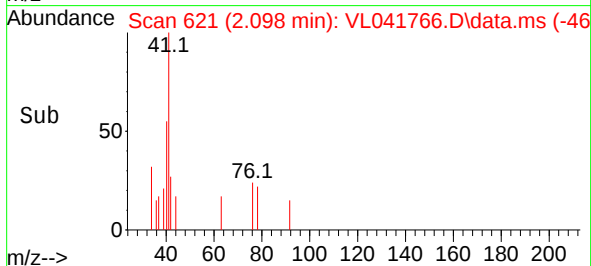
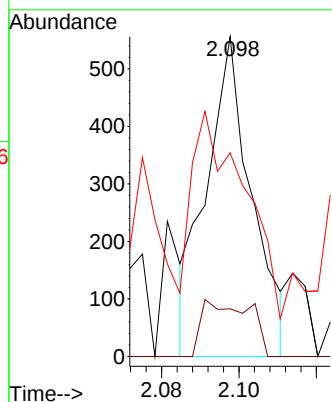
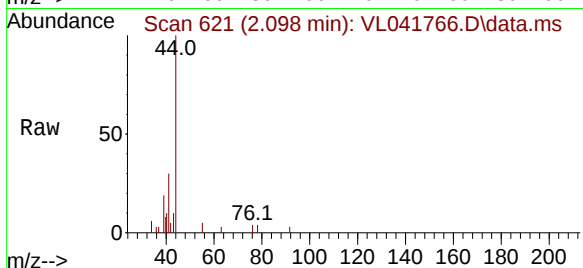
Tgt Ion: 41 Resp: 452

Ion Ratio Lower Upper

41 100

76 18.6 22.3 33.5#

39 185.2 69.2 103.8#



#22

trans-1,2-Dichloroethene

Concen: 0.017 ppbv

RT: 2.337 min Scan# 695

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

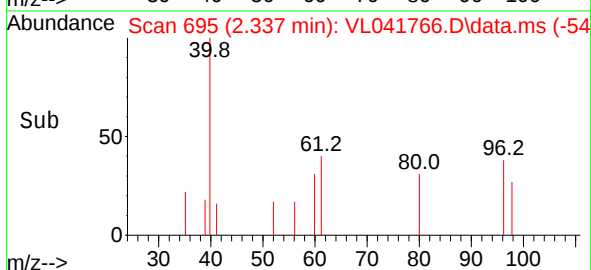
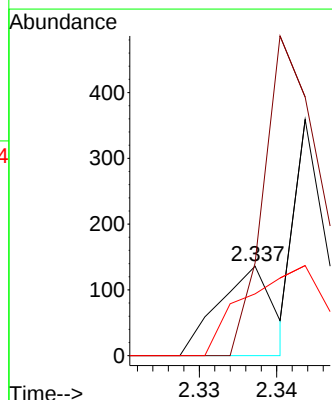
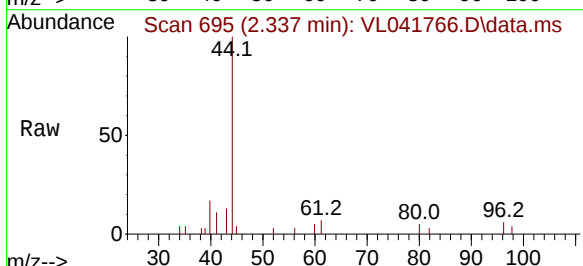
Tgt Ion: 96 Resp: 67

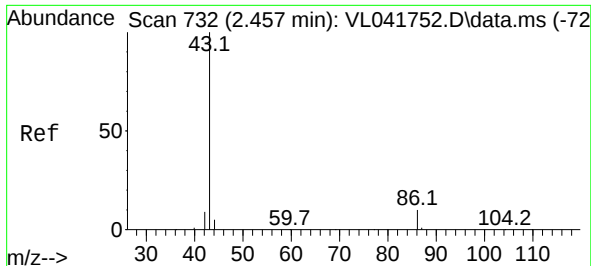
Ion Ratio Lower Upper

96 100

61 103.7 146.3 219.5#

98 69.1 50.8 76.2

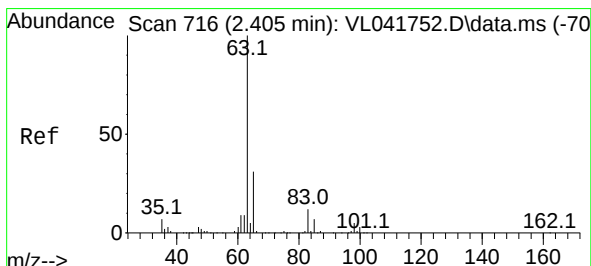
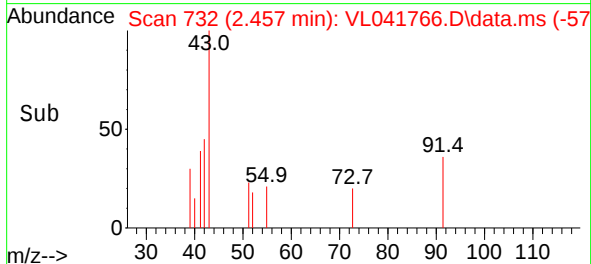
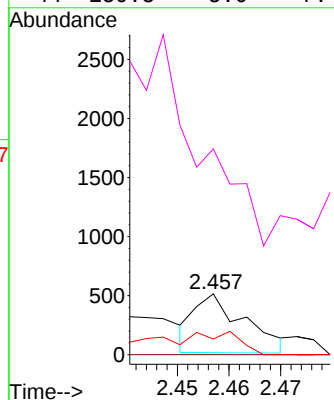
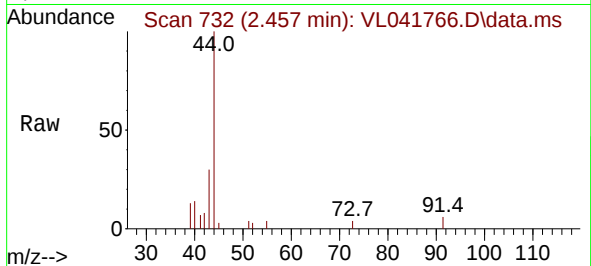




#23
 Vinyl Acetate
 Concen: 0.065 ppbv
 RT: 2.457 min Scan# 732
 Delta R.T. -0.000 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

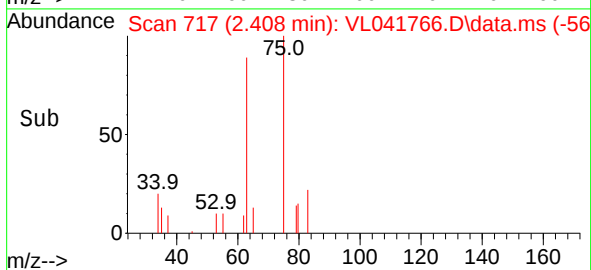
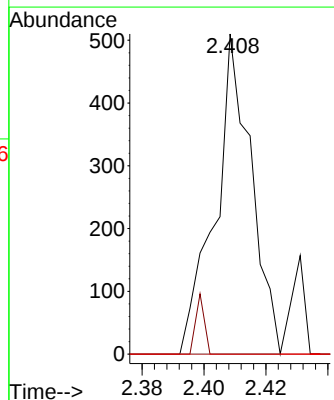
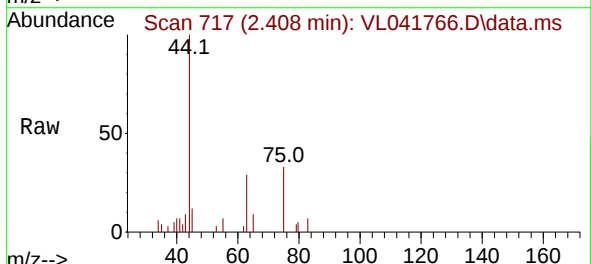
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

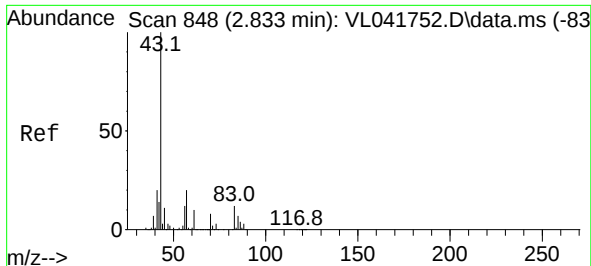
Tgt Ion: 43	Resp:	340
Ion	Ratio	Lower Upper
43	100	
86	0.0	6.6 10.0#
42	35.6	8.2 12.2#
44	150.8	5.0 7.4#



#24
 1,1-Dichloroethane
 Concen: 0.051 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

Tgt Ion: 63	Resp:	412
Ion	Ratio	Lower Upper
63	100	
98	0.0	2.3 6.8#
100	0.0	1.4 4.2#





#25

Ethyl Acetate

Concen: 0.020 ppbv

RT: 2.839 min Scan# 848

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 43 Resp: 408

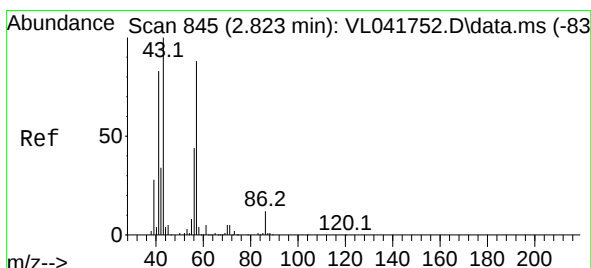
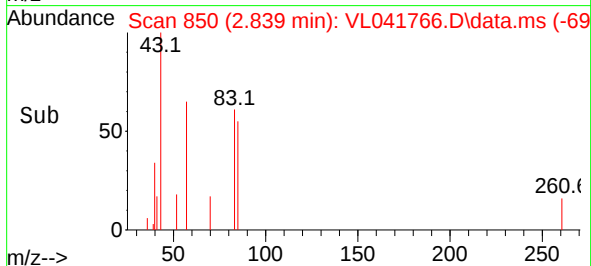
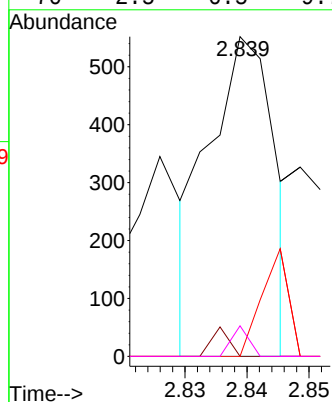
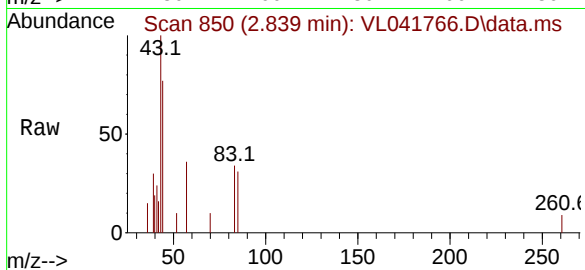
Ion Ratio Lower Upper

43 100

45 0.0 8.1 12.1#

61 0.0 7.0 10.6#

70 2.5 6.5 9.7#



#26

Hexane

Concen: 0.028 ppbv

RT: 2.832 min Scan# 848

Delta R.T. 0.009 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion: 57 Resp: 219

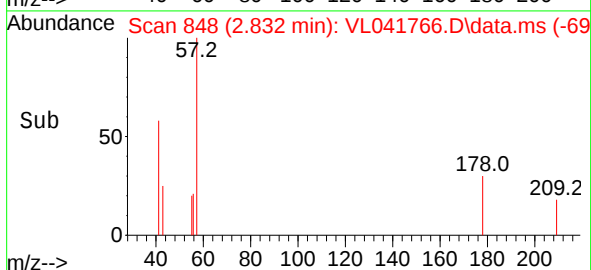
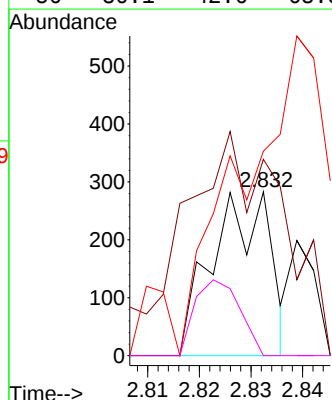
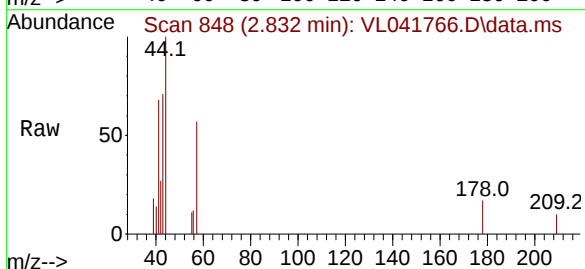
Ion Ratio Lower Upper

57 100

41 290.0 79.6 119.4#

43 0.0 211.0 316.6#

56 36.1 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.019 ppbv

RT: 2.149 min Scan# 61

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

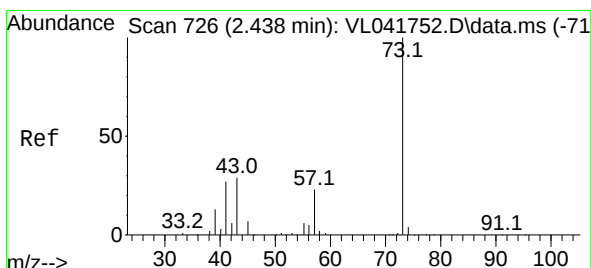
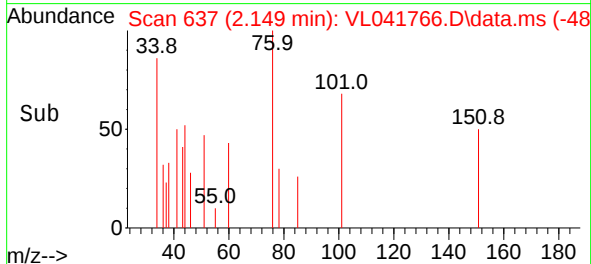
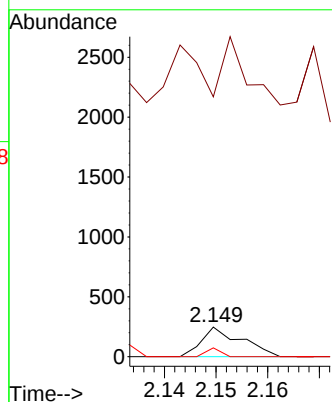
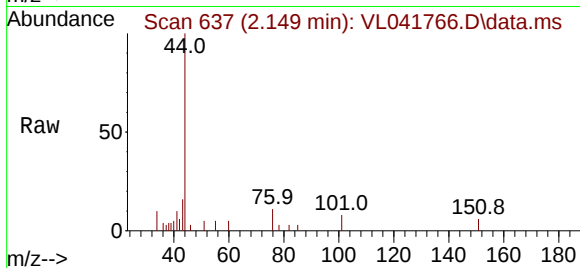
MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 76 Resp: 133

Ion	Ratio	Lower	Upper
76	100		
44	1369.2	17.6	26.4#
78	0.0	10.2	15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.016 ppbv

RT: 2.441 min Scan# 727

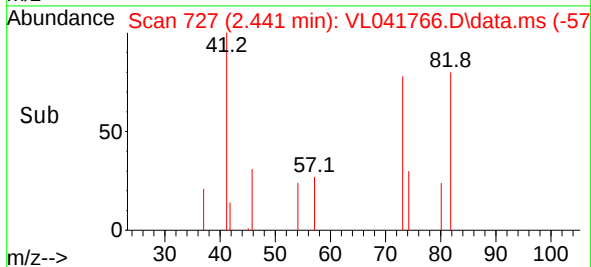
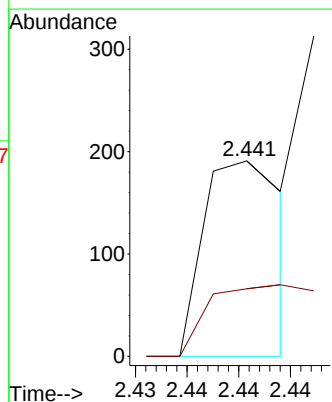
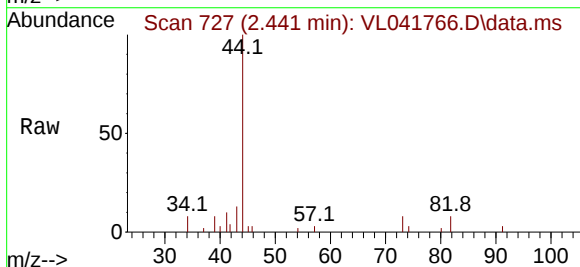
Delta R.T. 0.003 min

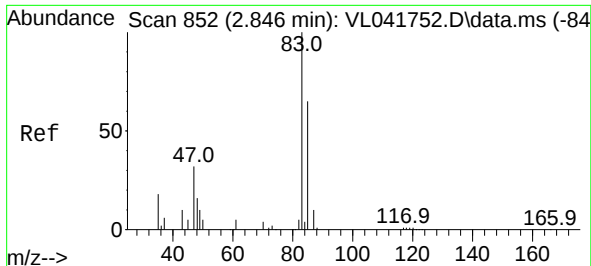
Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion: 73 Resp: 103

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.6	26.4#





#29

Chloroform

Concen: 0.044 ppbv

RT: 2.852 min Scan# 85

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

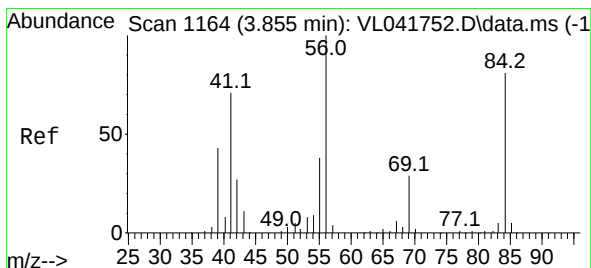
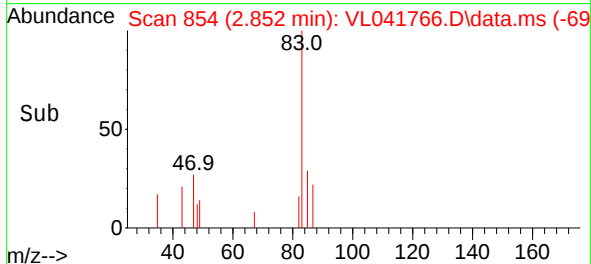
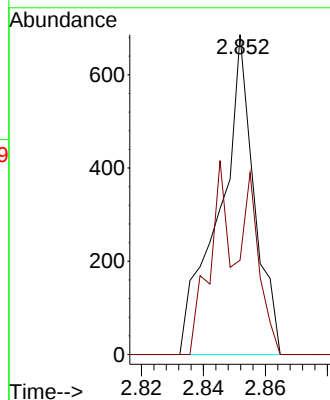
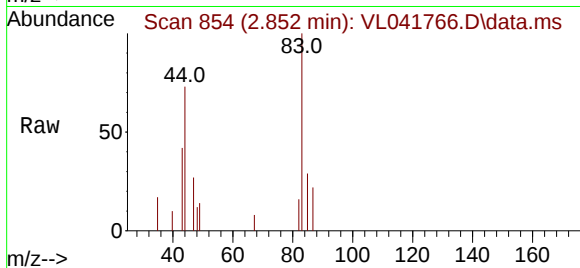
MDL 0.03

Tgt Ion: 83 Resp: 535

Ion Ratio Lower Upper

83 100

85 29.4 51.8 77.6#



#30

Cyclohexane

Concen: 0.029 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

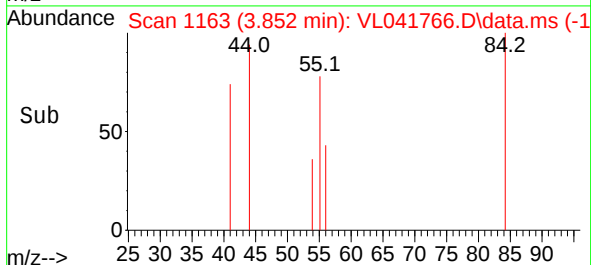
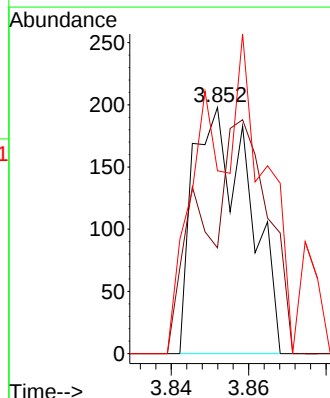
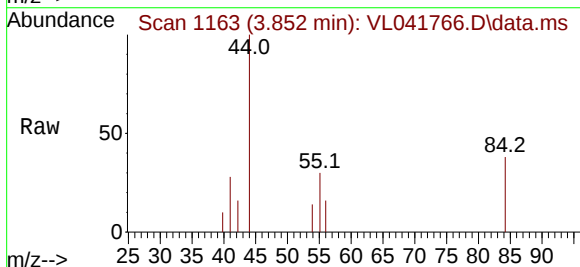
Tgt Ion: 84 Resp: 198

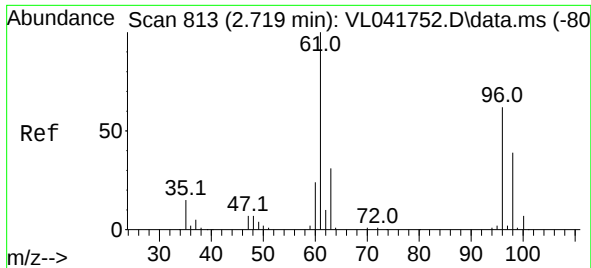
Ion Ratio Lower Upper

84 100

56 110.1 102.3 153.5

41 158.6 74.0 111.0#

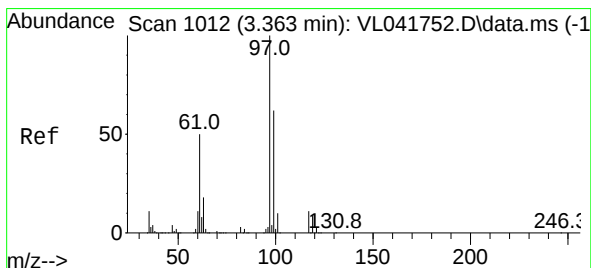
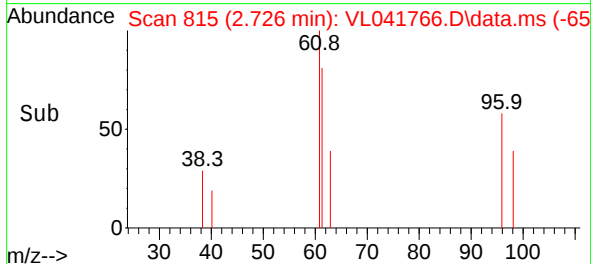
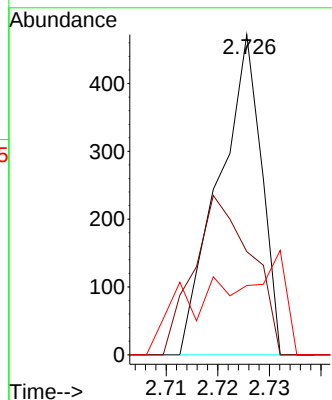
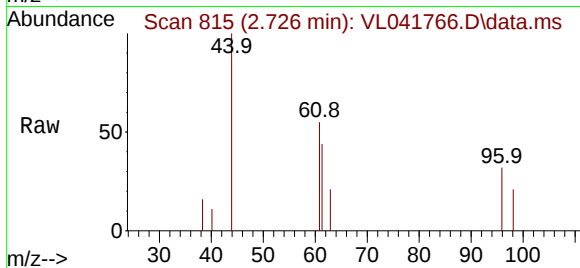




#31
 cis-1,2-Dichloroethene
 Concen: 0.033 ppbv
 RT: 2.726 min Scan# 813
 Delta R.T. 0.006 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

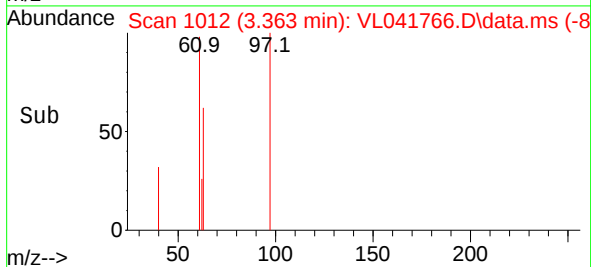
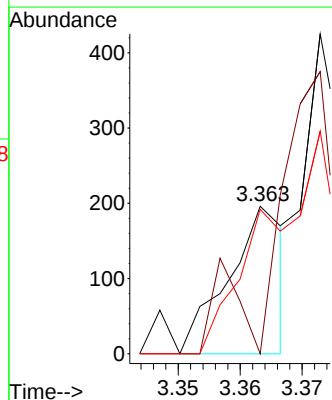
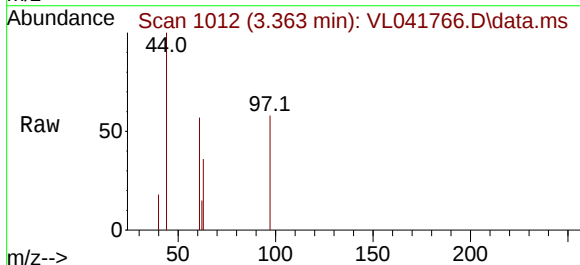
Instrument :
 MSVOA_1
 ClientSampleId :
 MDL 0.03

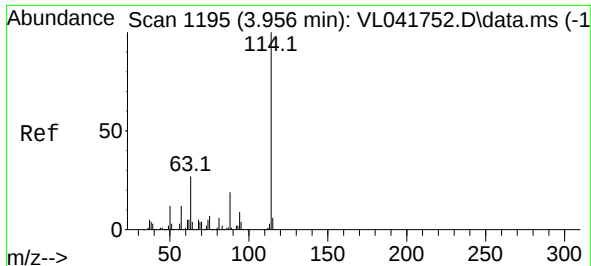
Tgt Ion: 61 Resp: 271
 Ion Ratio Lower Upper
 61 100
 96 32.2 49.7 74.5#
 98 0.0 30.8 46.2#



#32
 1,1,1-Trichloroethane
 Concen: 0.010 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

Tgt Ion: 97 Resp: 122
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.4#
 61 0.0 42.2 63.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

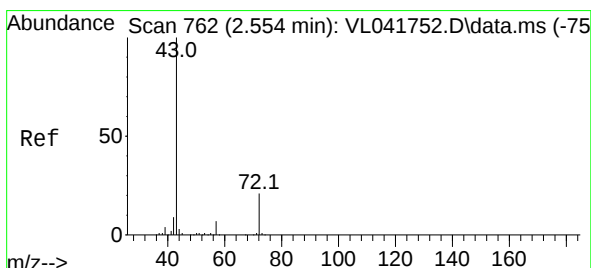
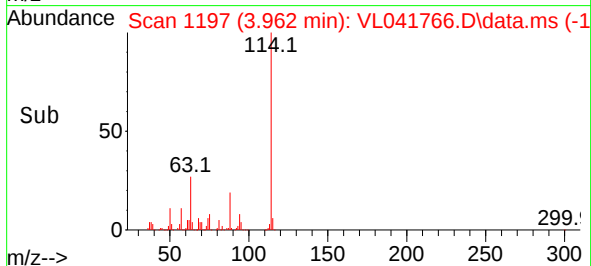
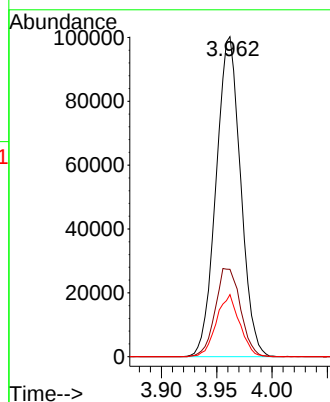
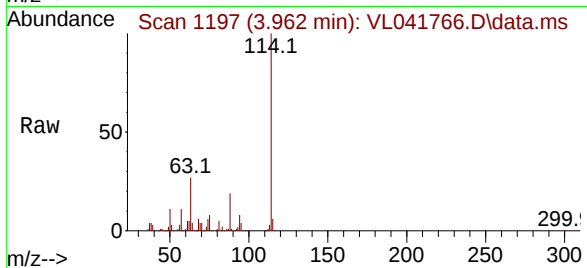
Tgt Ion:114 Resp: 154535

Ion Ratio Lower Upper

114 100

63 28.3 21.8 32.8

88 18.4 14.8 22.2



#34

2-Butanone

Concen: 0.049 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.010 min

Lab File: VL041766.D

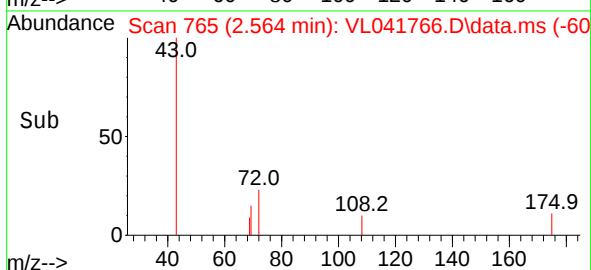
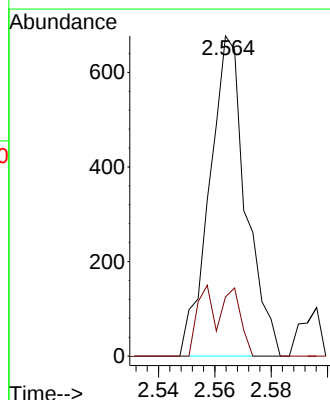
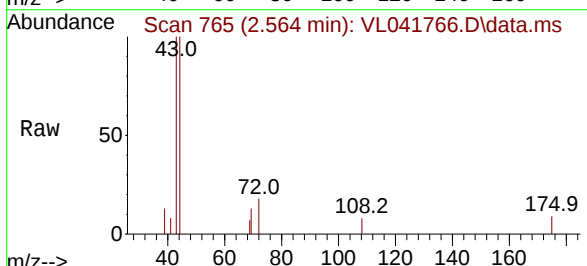
Acq: 16 Dec 2024 23:24

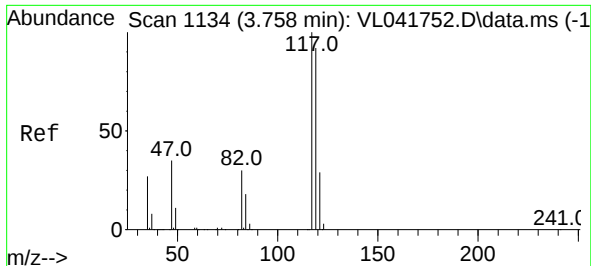
Tgt Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

72 20.6 16.8 25.2

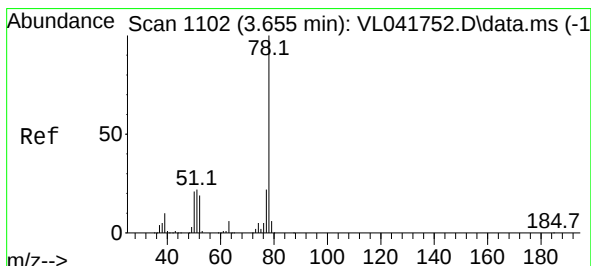
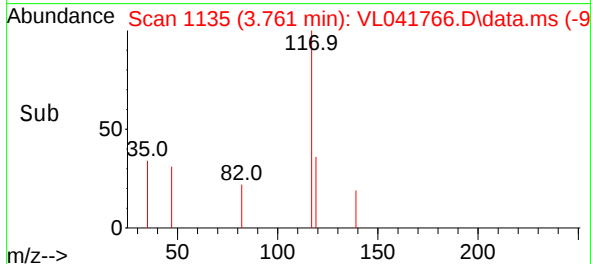
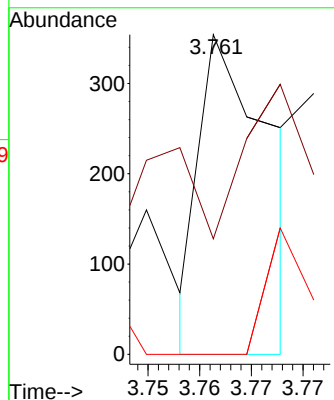
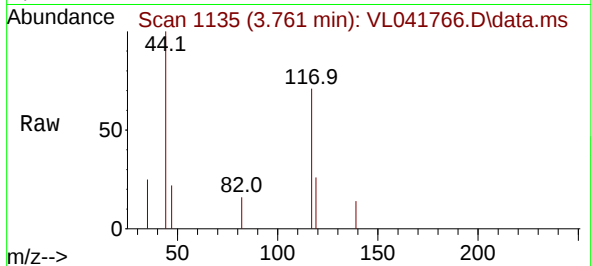




#35
Carbon Tetrachloride
Concen: 0.015 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

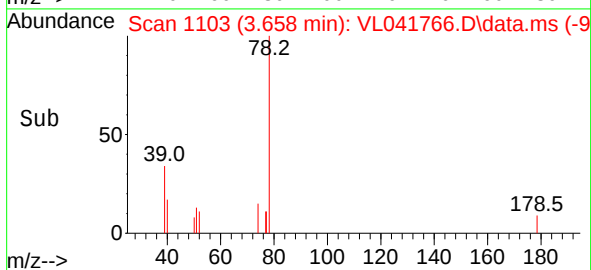
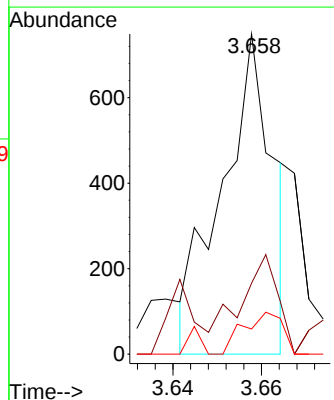
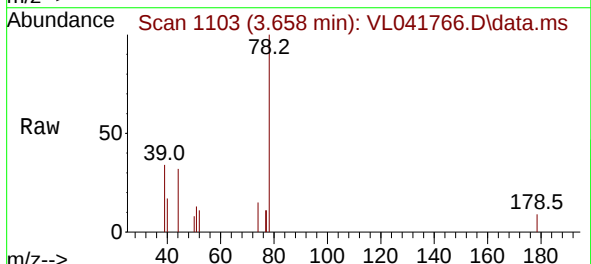
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

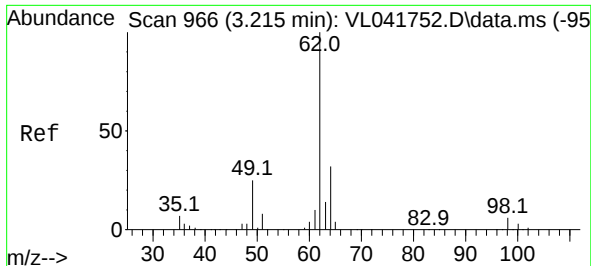
Tgt Ion:117 Resp: 168
Ion Ratio Lower Upper
117 100
119 0.0 73.7 110.5#
121 0.0 23.0 34.4#



#36
Benzene
Concen: 0.037 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 78 Resp: 596
Ion Ratio Lower Upper
78 100
77 6.7 17.8 26.6#
50 9.4 17.2 25.8#





#37

1,2-Dichloroethane

Concen: 0.020 ppbv

RT: 3.218 min Scan# 9

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

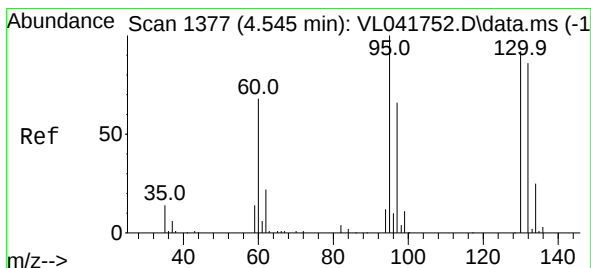
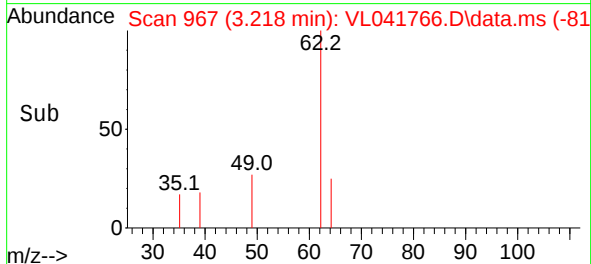
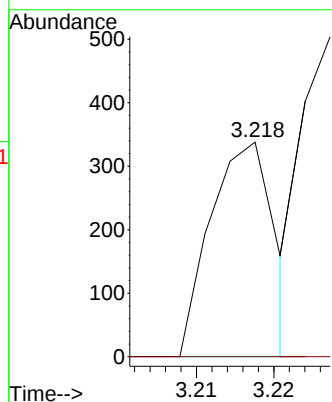
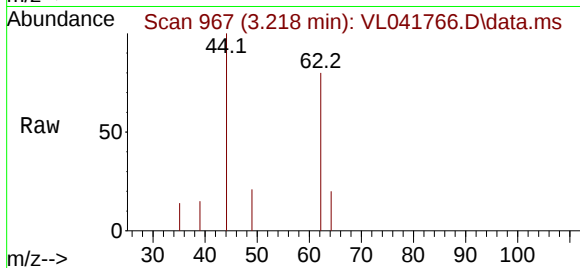
MDL 0.03

Tgt Ion: 62 Resp: 194

Ion Ratio Lower Upper

62 100

98 0.0 4.7 7.1#



#38

Trichloroethene

Concen: 0.016 ppbv

RT: 4.558 min Scan# 1381

Delta R.T. 0.013 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion:130 Resp: 106

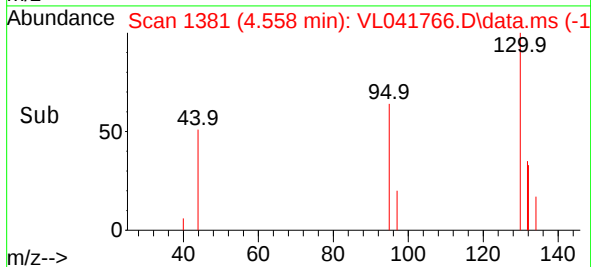
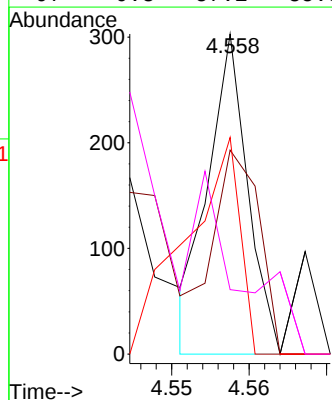
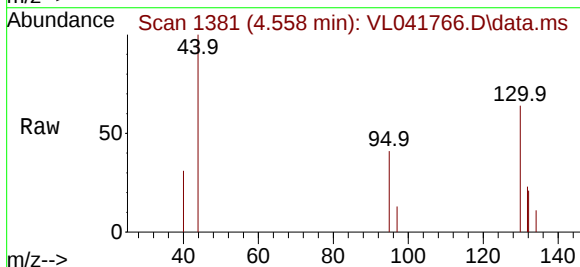
Ion Ratio Lower Upper

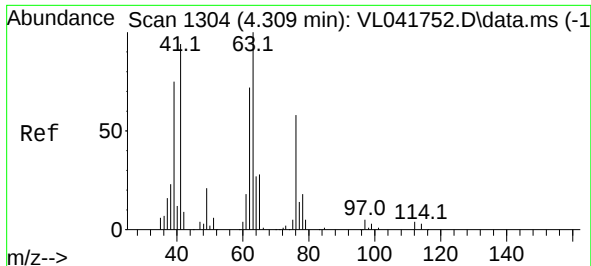
130 100

95 63.7 87.0 130.6#

132 67.7 75.0 112.6#

97 0.3 57.2 85.8#





#39

1,2-Dichloropropane

Concen: 7.556 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. -0.353 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

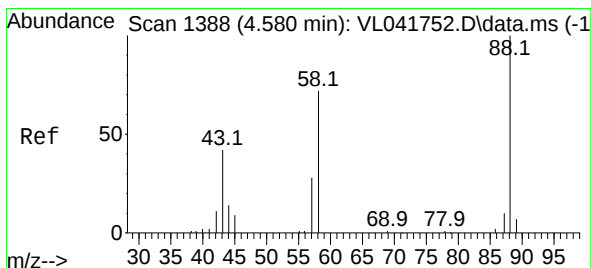
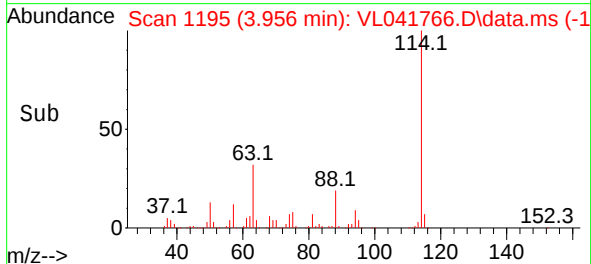
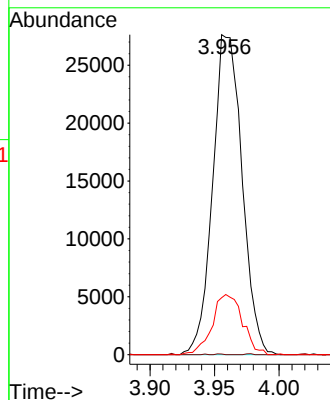
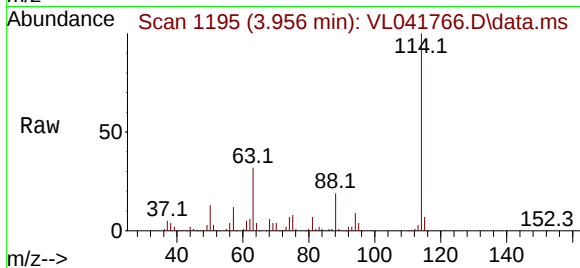
Tgt Ion: 63 Resp: 43683

Ion Ratio Lower Upper

63 100

41 0.2 75.3 112.9#

62 17.8 57.3 85.9#



#40

1,4-Dioxane

Concen: 0.023 ppbv

RT: 4.629 min Scan# 1403

Delta R.T. 0.048 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion: 88 Resp: 64

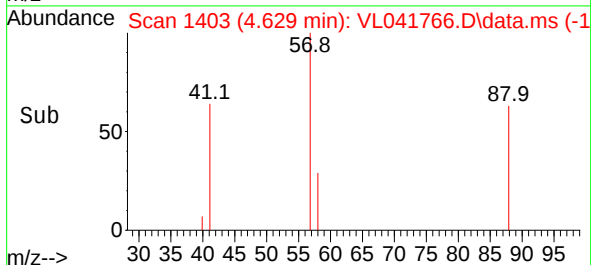
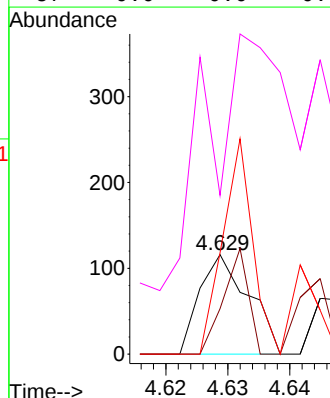
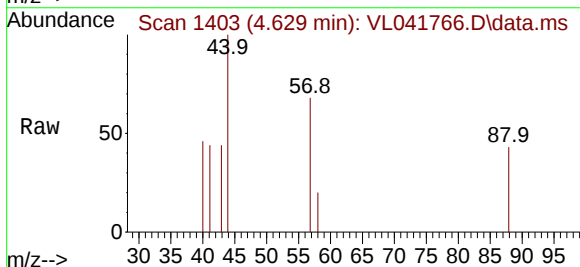
Ion Ratio Lower Upper

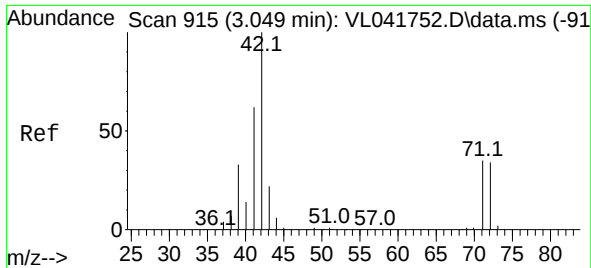
88 100

58 100.0 61.0 91.6#

43 178.1 29.4 44.0#

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.007 ppbv

RT: 3.059 min Scan# 915

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

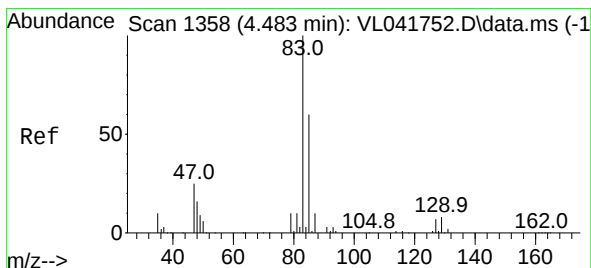
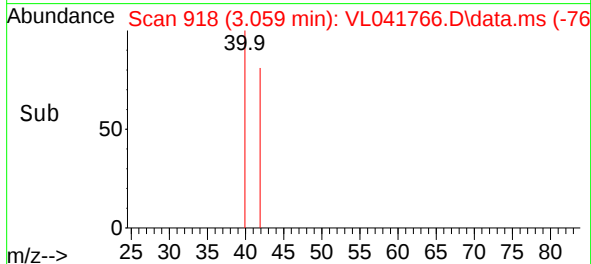
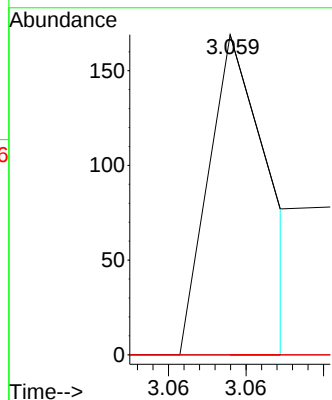
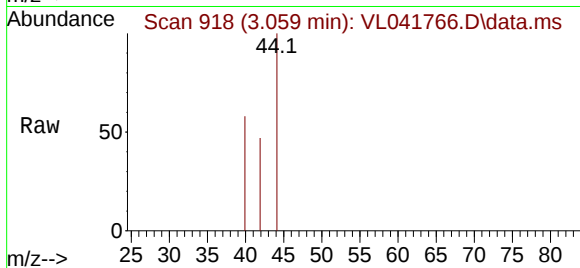
Tgt Ion: 42 Resp: 48

Ion Ratio Lower Upper

42 100

72 0.0 29.1 43.7#

71 0.0 28.4 42.6#



#42

Bromodichloromethane

Concen: 0.017 ppbv

RT: 4.486 min Scan# 1359

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

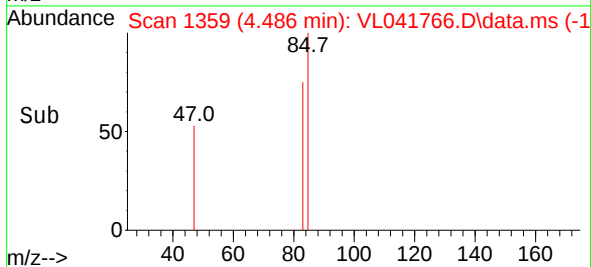
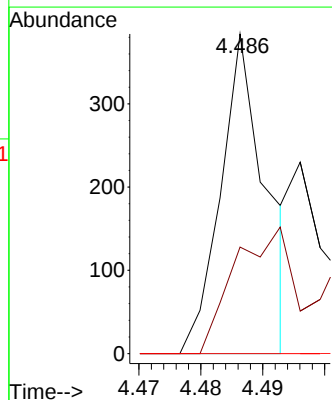
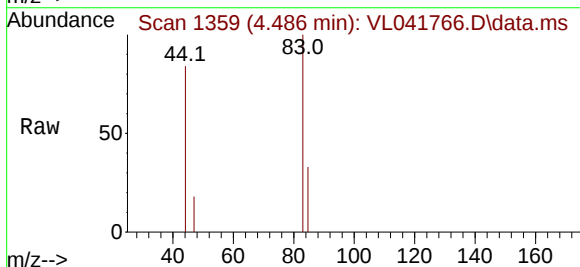
Tgt Ion: 83 Resp: 196

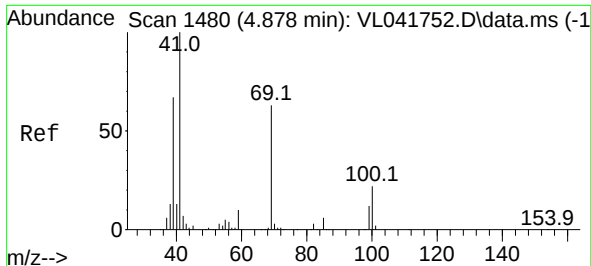
Ion Ratio Lower Upper

83 100

85 33.3 48.0 72.0#

127 0.0 5.8 8.8#





#43

Methyl Methacrylate

Concen: 0.020 ppbv

RT: 4.888 min Scan# 1483

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

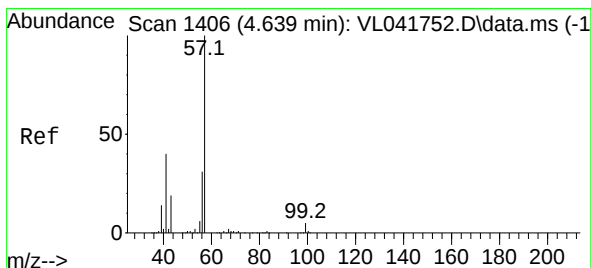
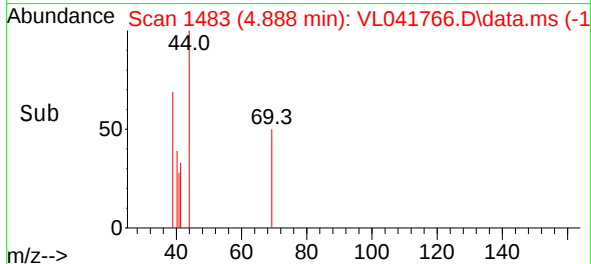
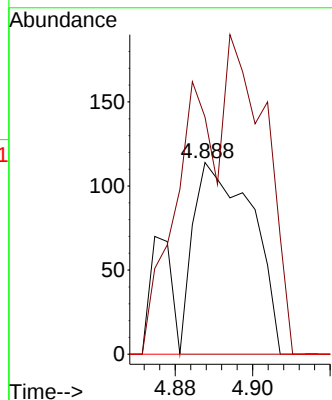
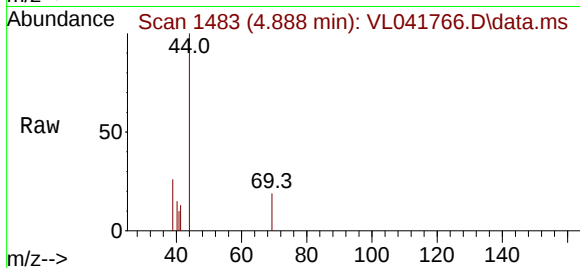
Tgt Ion: 69 Resp: 121

Ion Ratio Lower Upper

69 100

41 214.0 130.3 195.5#

100 0.0 28.3 42.5#



#44

2,2,4-Trimethylpentane

Concen: 0.004 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

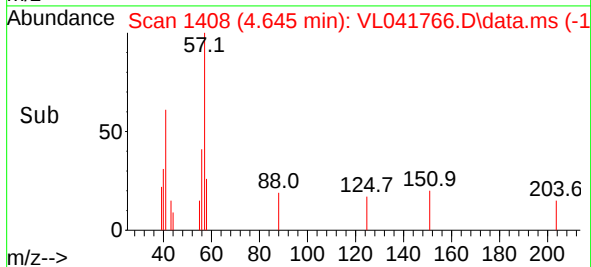
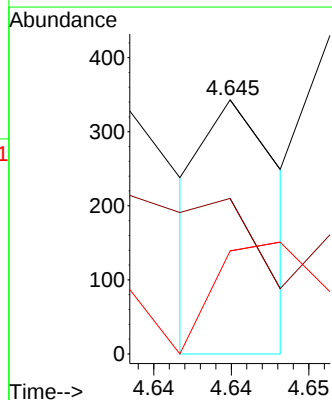
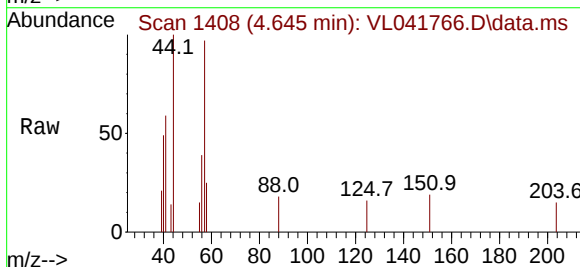
Tgt Ion: 57 Resp: 115

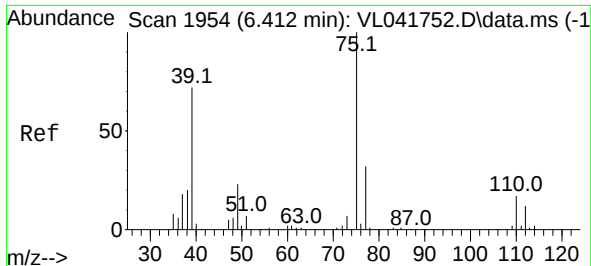
Ion Ratio Lower Upper

57 100

41 320.9 30.7 46.1#

56 111.3 25.4 38.0#





#45

t-1,3-Dichloropropene

Concen: 0.007 ppbv

RT: 6.419 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

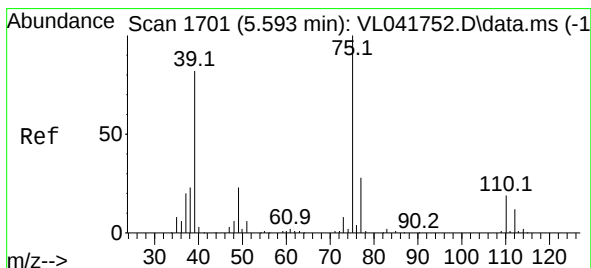
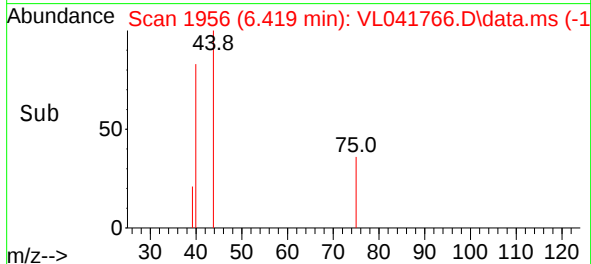
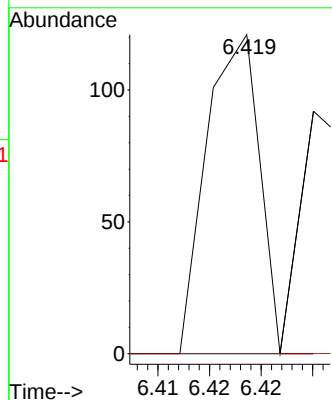
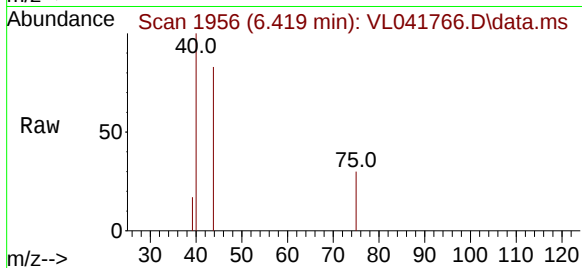
MDL 0.03

Tgt Ion: 75 Resp: 43

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#



#46

cis-1,3-Dichloropropene

Concen: 0.004 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

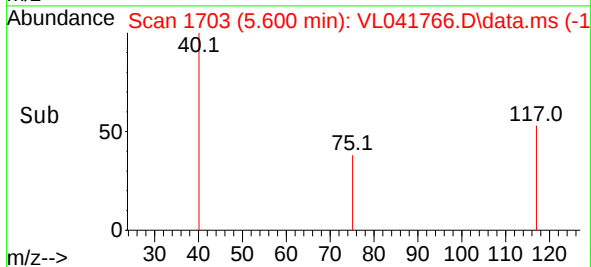
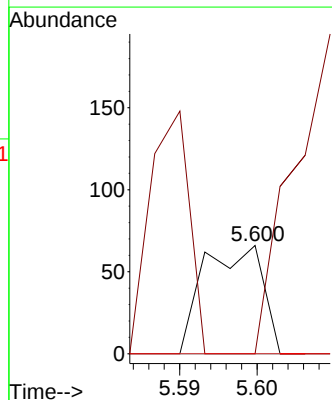
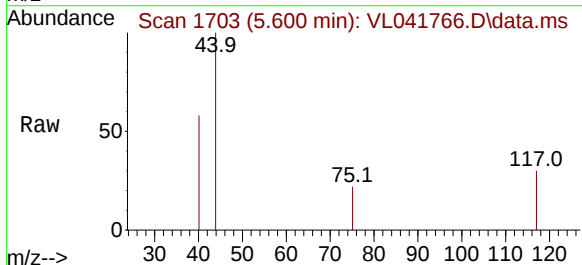
Tgt Ion: 75 Resp: 35

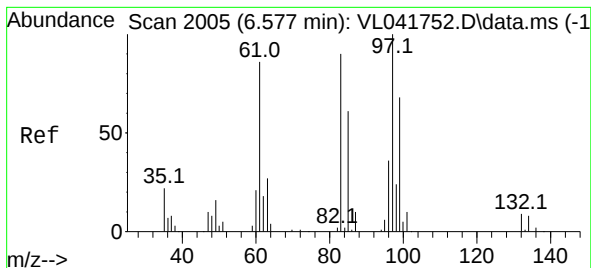
Ion Ratio Lower Upper

75 100

39 0.0 65.2 97.8#

77 0.0 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.010 ppbv

RT: 6.587 min Scan# 2005

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 97 Resp: 60

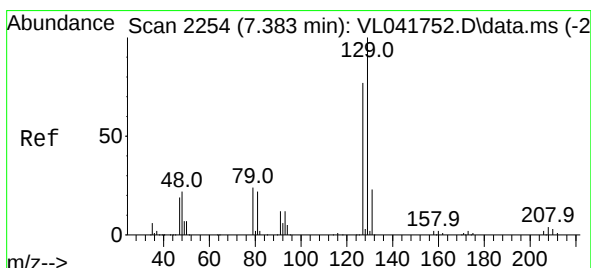
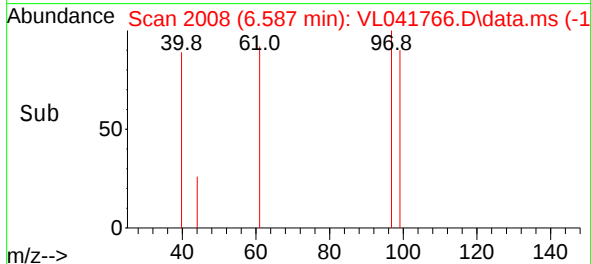
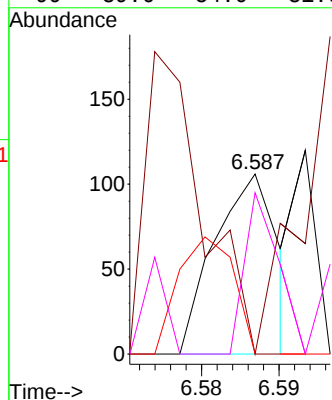
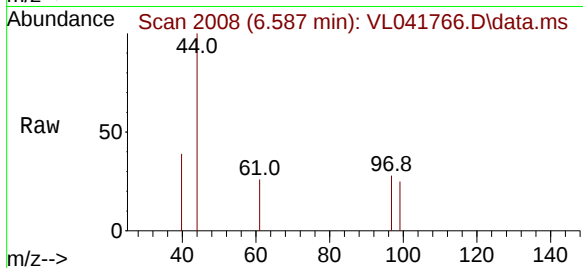
Ion Ratio Lower Upper

97 100

83 0.0 72.3 108.5#

85 0.0 48.5 72.7#

99 89.6 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.012 ppbv

RT: 7.386 min Scan# 2255

Delta R.T. 0.003 min

Lab File: VL041766.D

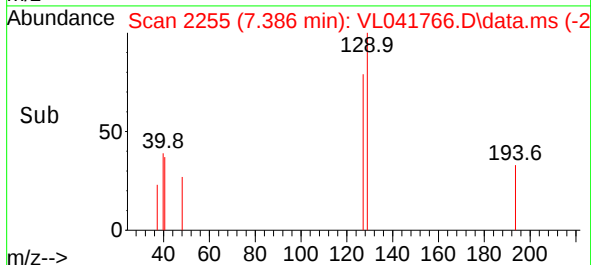
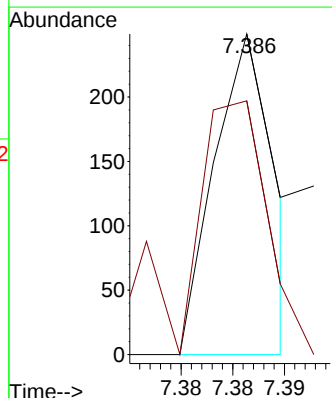
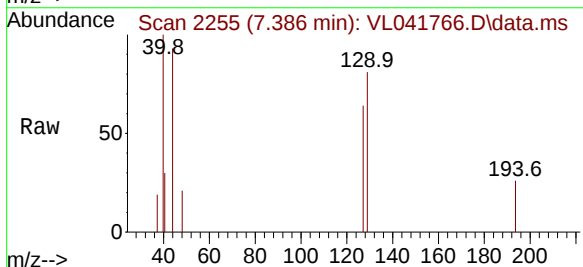
Acq: 16 Dec 2024 23:24

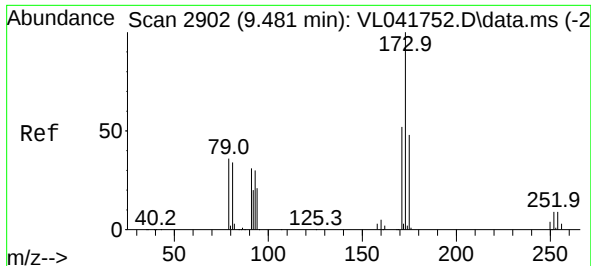
Tgt Ion: 129 Resp: 101

Ion Ratio Lower Upper

129 100

127 102.0 38.8 116.3





#49

Bromoform

Concen: 0.011 ppbv

RT: 9.487 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

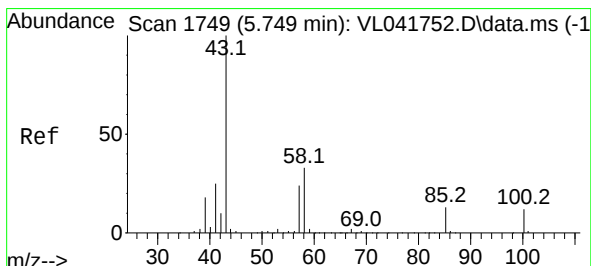
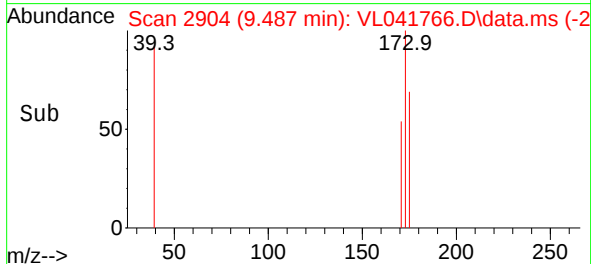
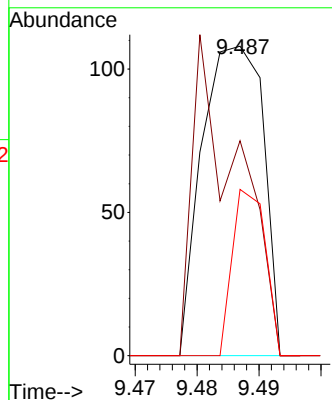
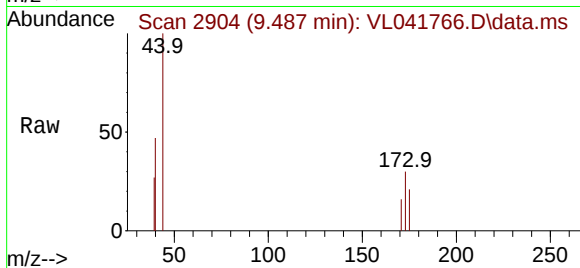
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion:173	Resp:	74
Ion	Ratio	Lower Upper
173	100	
175	77.0	38.2 57.2#
171	29.7	41.1 61.7#



#50

4-Methyl-2-Pentanone

Concen: 0.007 ppbv

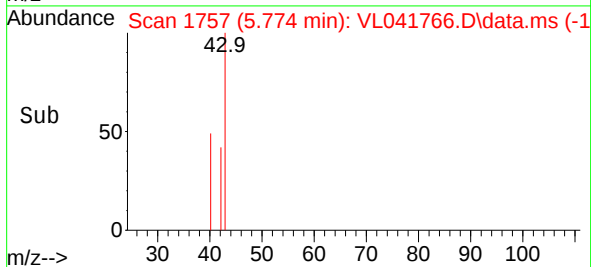
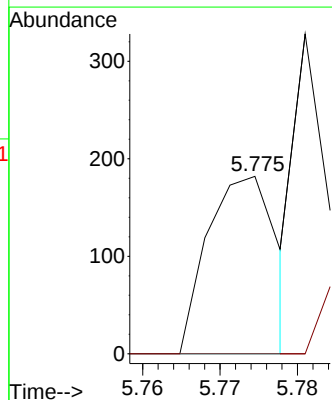
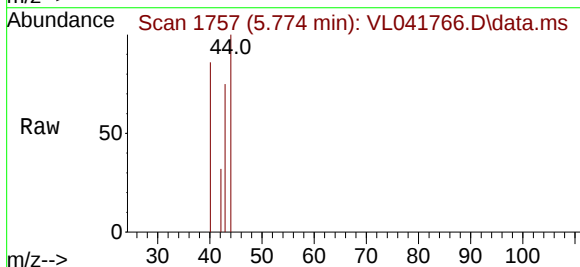
RT: 5.774 min Scan# 1757

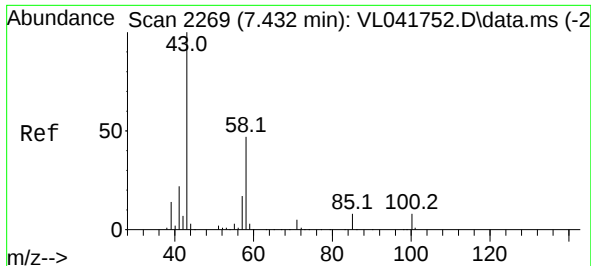
Delta R.T. 0.026 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion: 43	Resp:	113
Ion	Ratio	Lower Upper
43	100	
58	0.0	26.8 40.2#

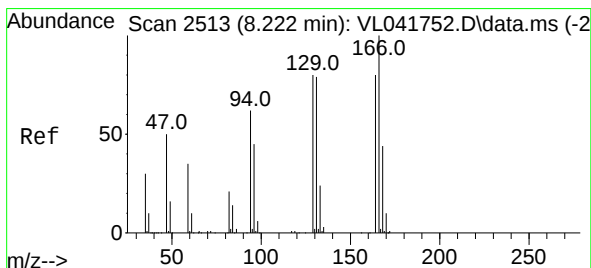
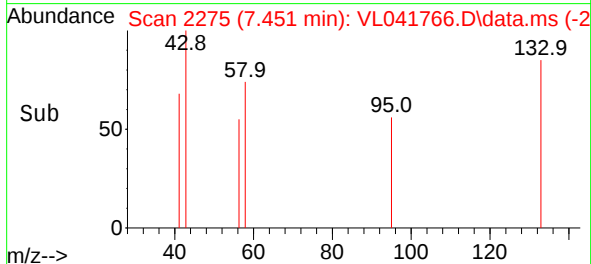
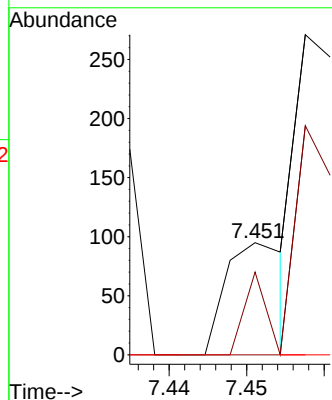
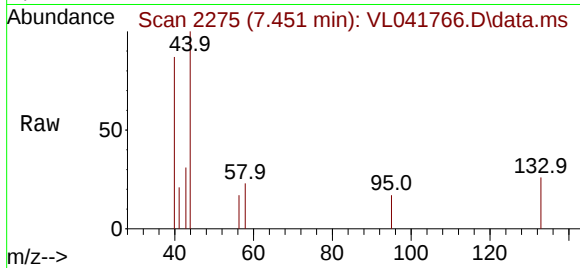




#51
2-Hexanone
Concen: 0.004 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

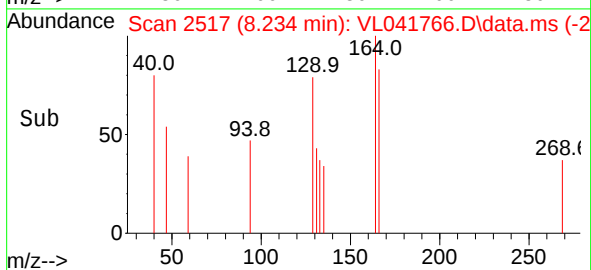
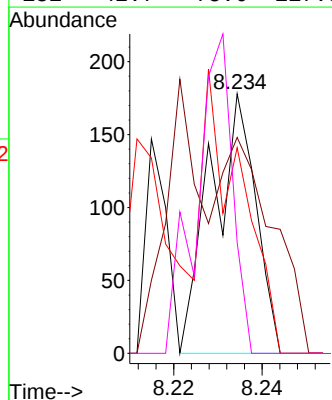
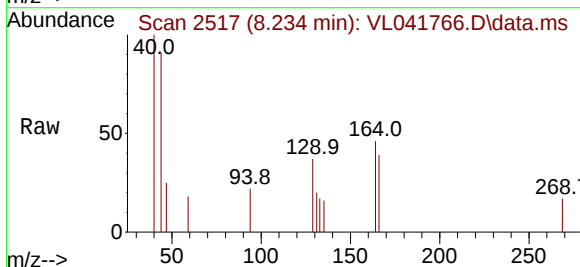
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

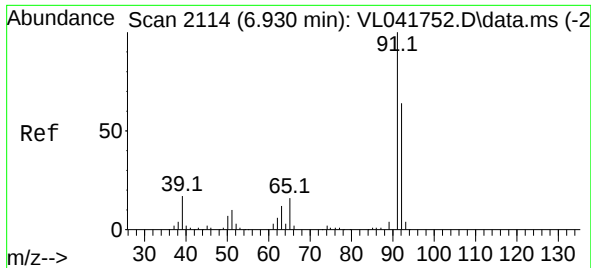
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
58 0.0 36.6 55.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.021 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.013 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 164 Resp: 125
Ion Ratio Lower Upper
164 100
166 35.4 99.8 149.6#
129 79.2 79.6 119.4#
131 42.7 78.6 117.8#





#53

Toluene

Concen: 0.013 ppbv

RT: 6.943 min Scan# 2114

Delta R.T. 0.013 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

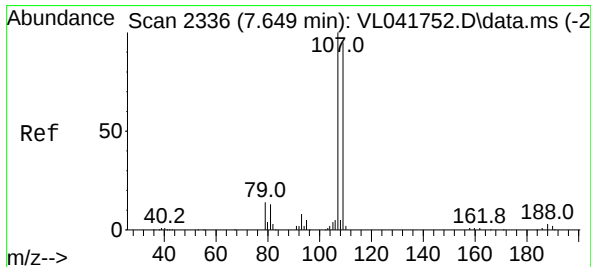
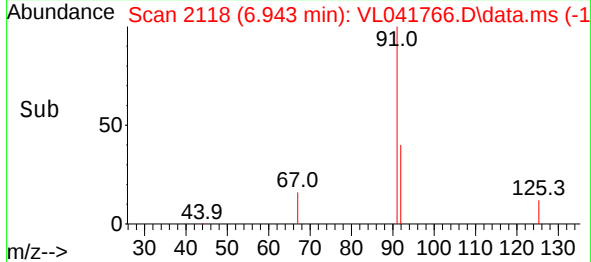
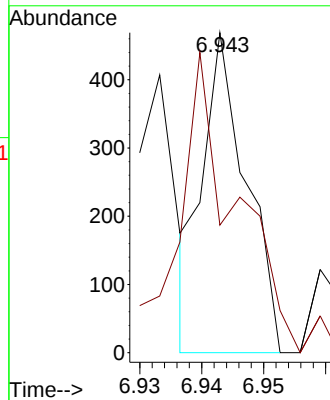
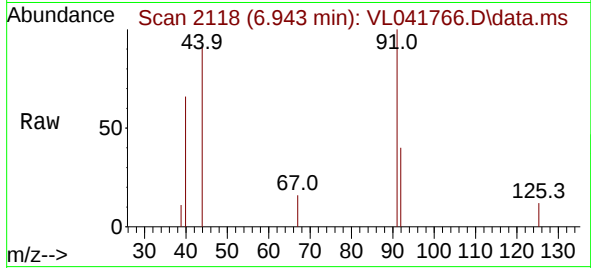
MDL 0.03

Tgt Ion: 91 Resp: 227

Ion Ratio Lower Upper

91 100

92 161.7 47.9 71.9#



#54

1,2-Dibromoethane

Concen: 0.005 ppbv

RT: 7.655 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VL041766.D

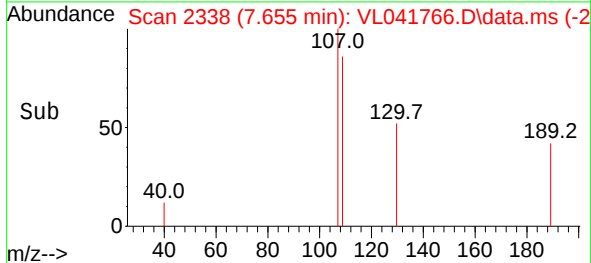
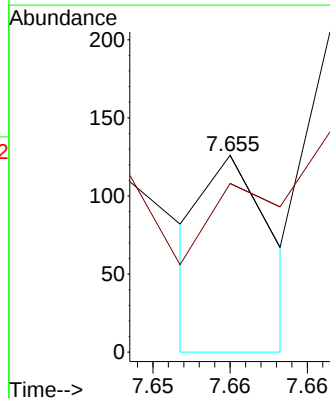
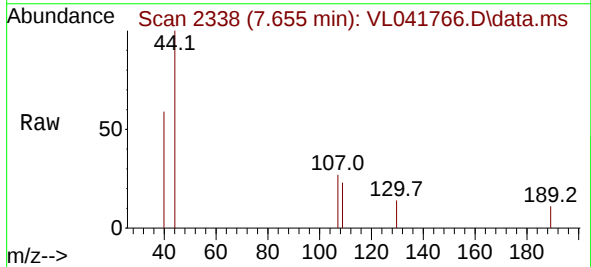
Acq: 16 Dec 2024 23:24

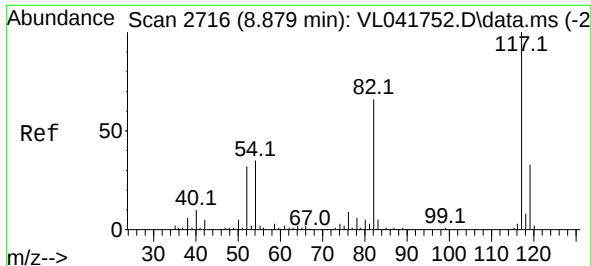
Tgt Ion:107 Resp: 38

Ion Ratio Lower Upper

107 100

109 88.1 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

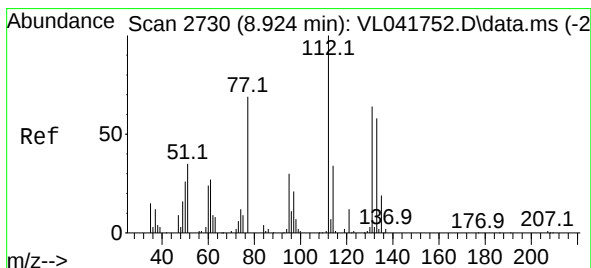
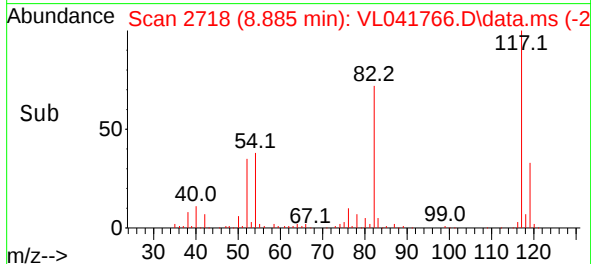
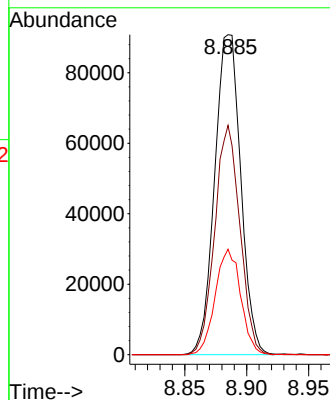
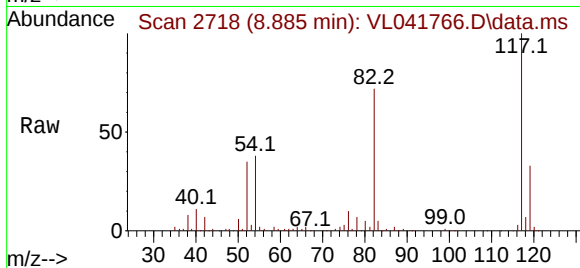
Tgt Ion:117 Resp: 133684

Ion Ratio Lower Upper

117 100

82 68.9 53.8 80.8

119 32.1 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.024 ppbv

RT: 8.924 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

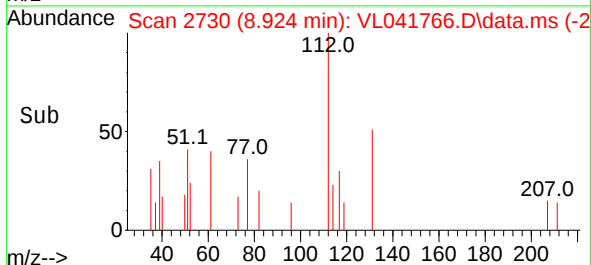
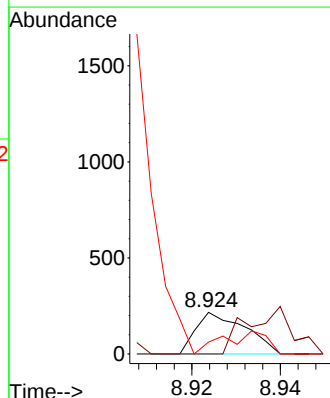
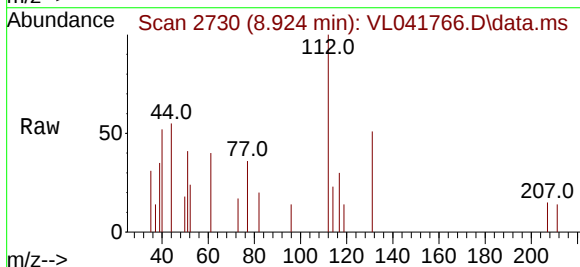
Tgt Ion:131 Resp: 167

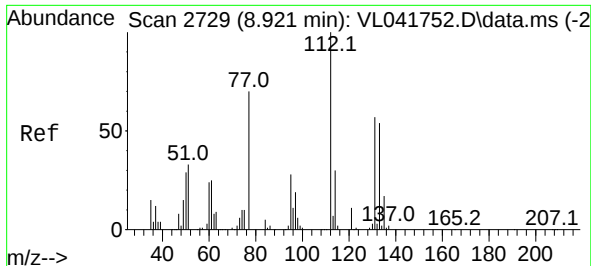
Ion Ratio Lower Upper

131 100

133 104.2 76.8 115.2

119 25710.2 49.0 73.6#

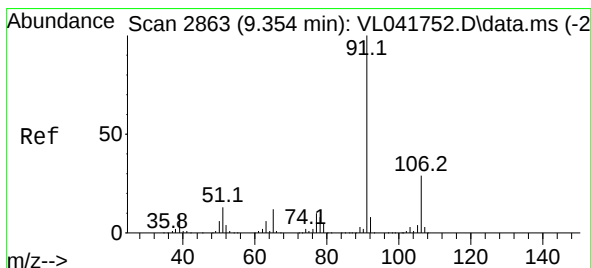
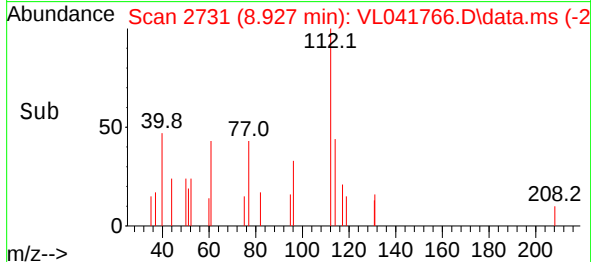
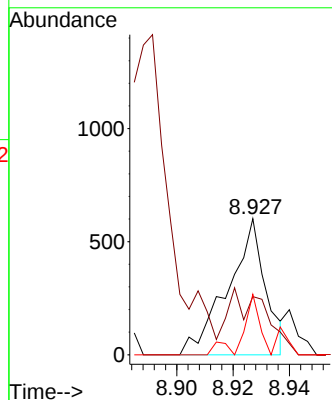
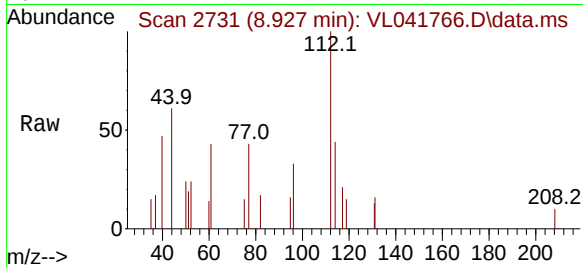




#57
Chlorobenzene
Concen: 0.041 ppbv
RT: 8.927 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

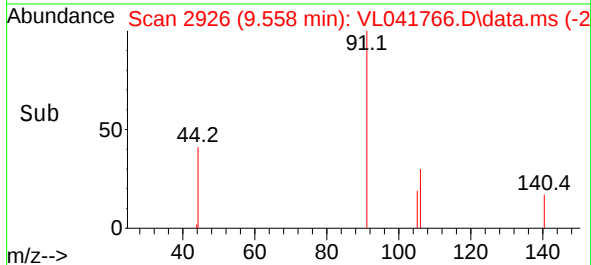
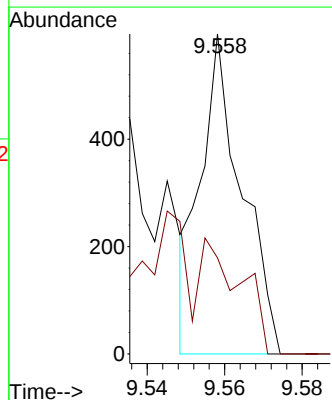
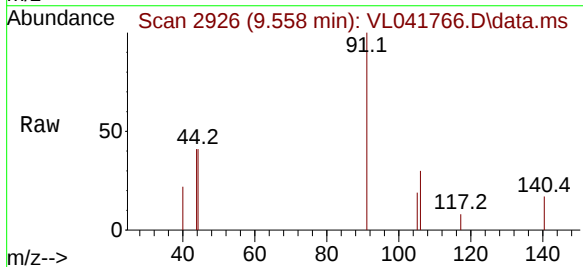
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

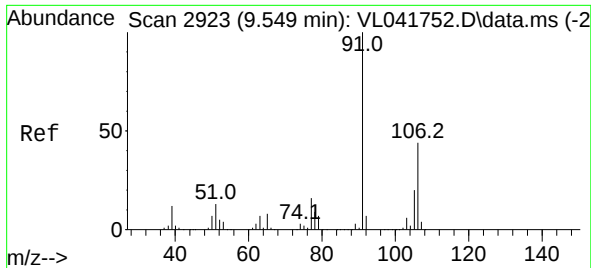
Tgt Ion:112 Resp: 557
Ion Ratio Lower Upper
112 100
77 25.9 57.4 86.0#
114 44.4 27.4 33.4#



#58
Ethyl Benzene
Concen: 0.018 ppbv
RT: 9.558 min Scan# 2926
Delta R.T. 0.204 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 91 Resp: 439
Ion Ratio Lower Upper
91 100
106 30.0 23.5 35.3

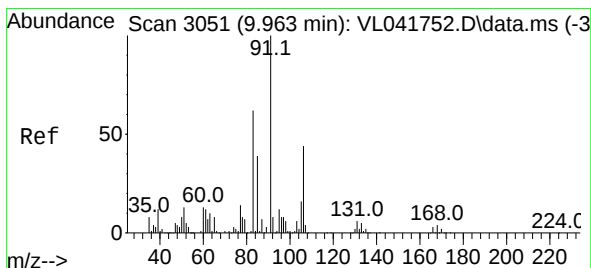
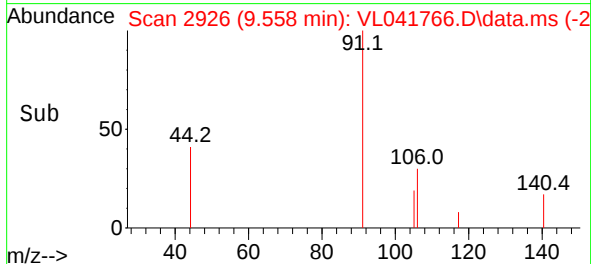
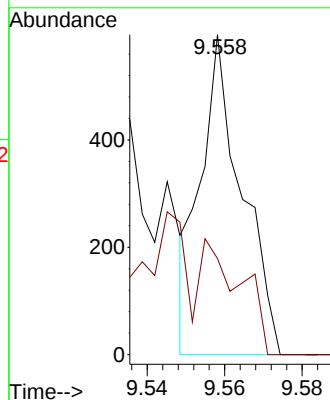
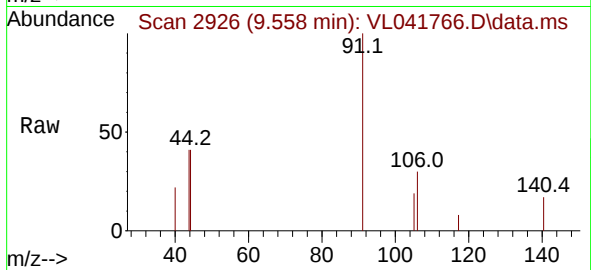




#59
m/p-Xylene
Concen: 0.023 ppbv
RT: 9.558 min Scan# 2923
Delta R.T. 0.010 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

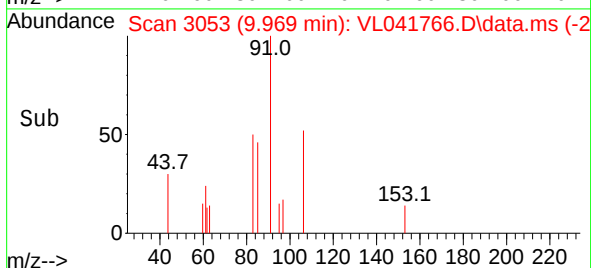
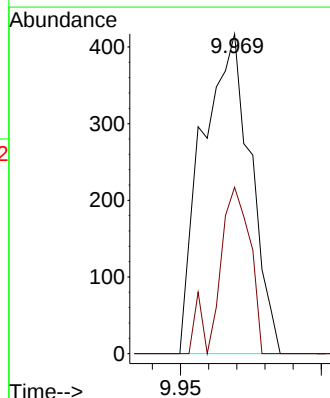
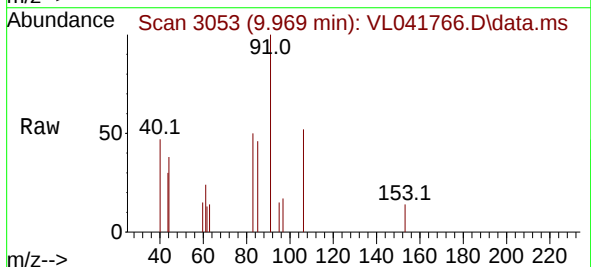
Instrument :
MSVOA_1
ClientSampleId :
MDL 0.03

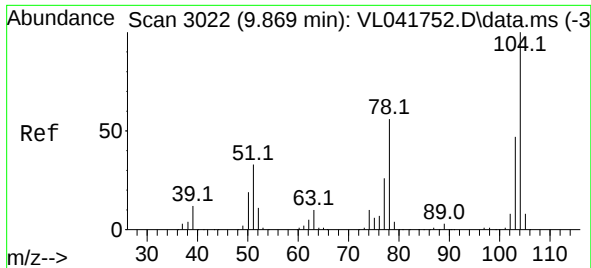
Tgt Ion: 91 Resp: 439
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0



#60
o-Xylene
Concen: 0.026 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion: 91 Resp: 497
Ion Ratio Lower Upper
91 100
106 33.2 21.1 63.4

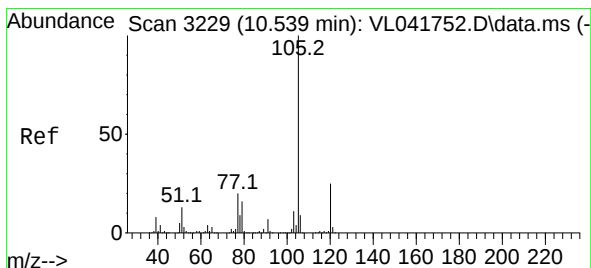
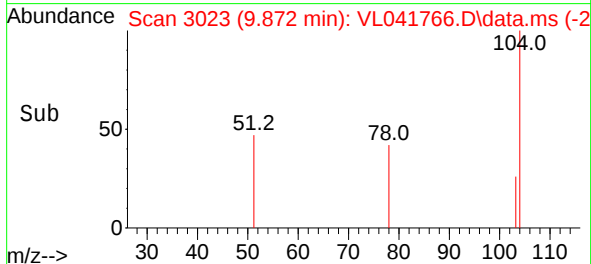
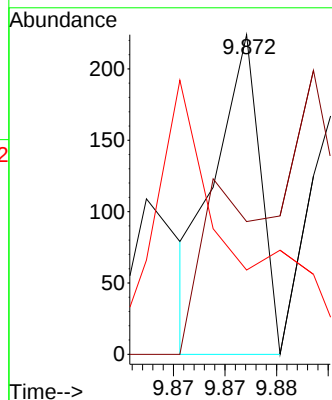
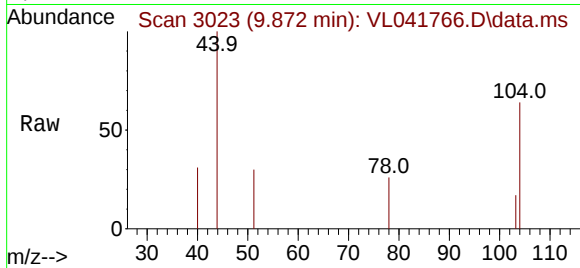




#61
Styrene
Concen: 0.008 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

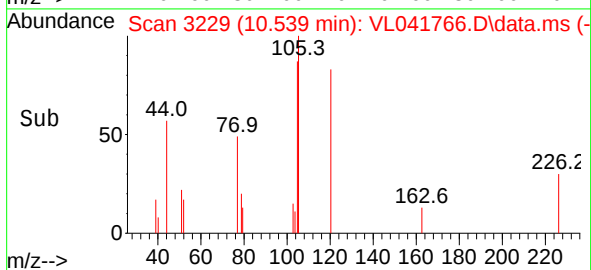
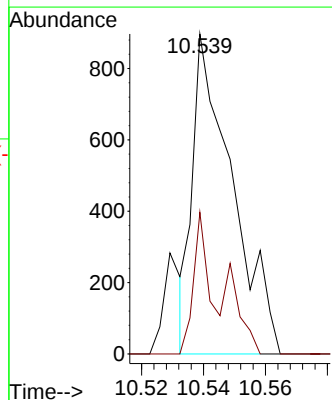
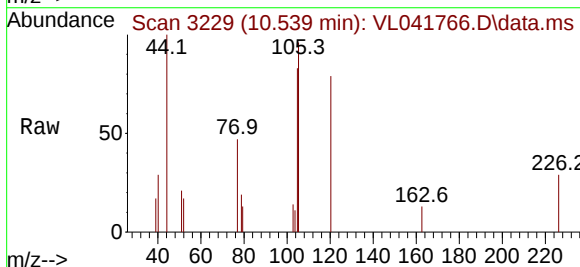
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

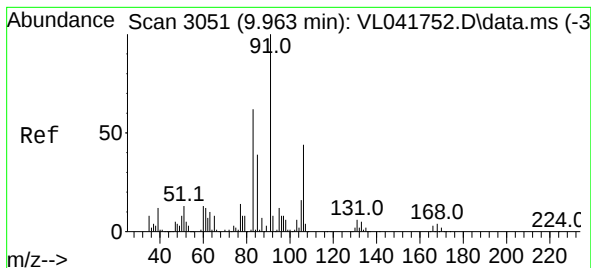
Tgt Ion:104 Resp: 66
Ion Ratio Lower Upper
104 100
78 0.0 43.8 65.6#
103 0.0 37.8 56.6#



#62
Isopropylbenzene
Concen: 0.027 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion:105 Resp: 794
Ion Ratio Lower Upper
105 100
120 28.8 19.8 29.8





#63

1,1,2,2-Tetrachloroethane

Concen: 0.017 ppbv

RT: 9.972 min Scan# 3051

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

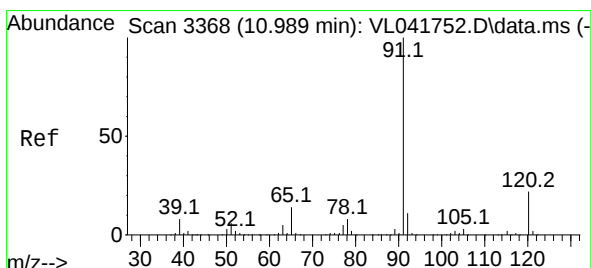
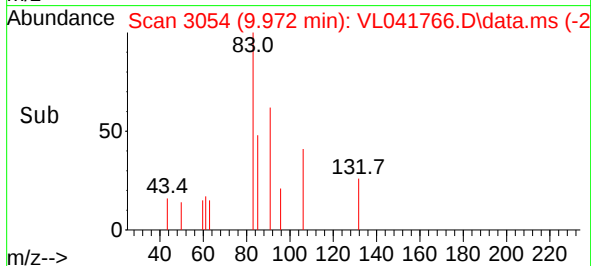
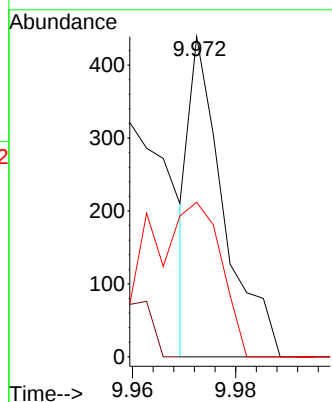
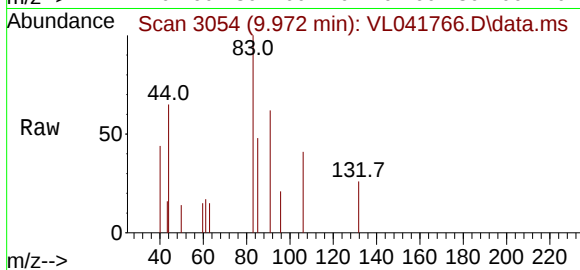
MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 83 Resp: 202

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	102.5	32.0	96.2#



#64

n-propylbenzene

Concen: 0.009 ppbv

RT: 10.995 min Scan# 3370

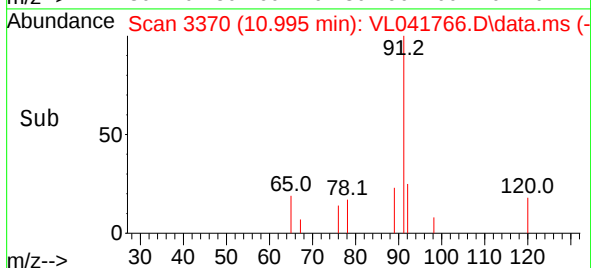
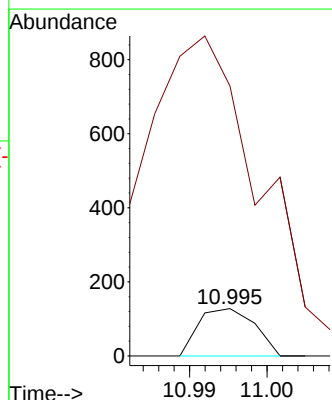
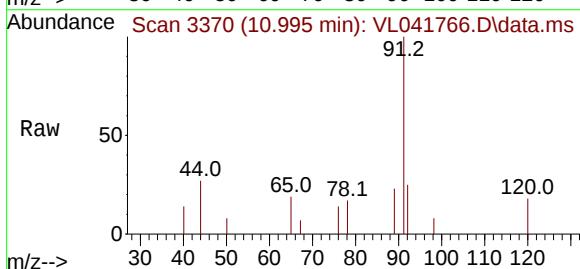
Delta R.T. 0.006 min

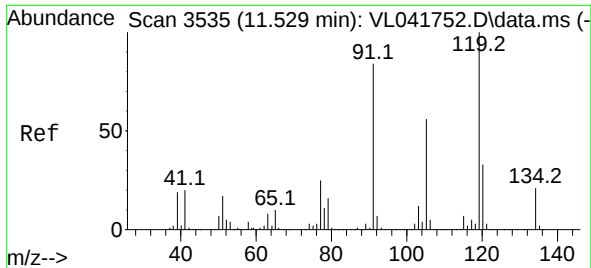
Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion:120 Resp: 64

Ion	Ratio	Lower	Upper
120	100		
91	1503.1	387.3	580.9#





#65

tert-Butylbenzene

Concen: 0.020 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

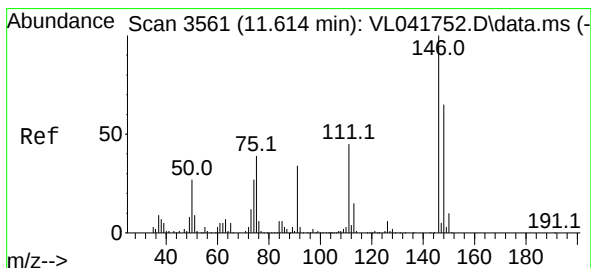
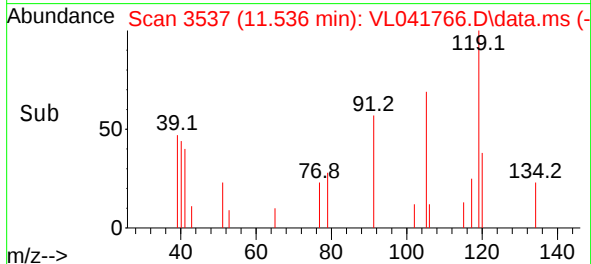
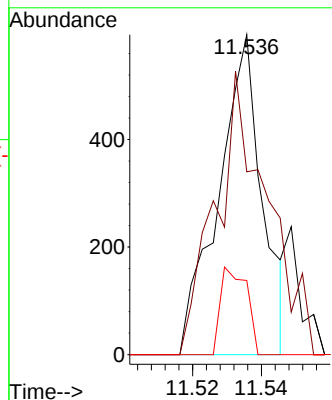
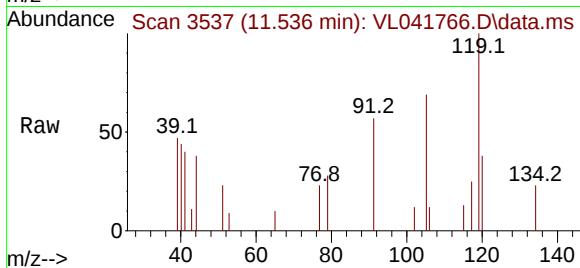
Tgt Ion:119 Resp: 525

Ion Ratio Lower Upper

119 100

91 104.6 67.0 100.4#

134 16.4 16.5 24.7#



#66

Benzyl Chloride

Concen: 0.018 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

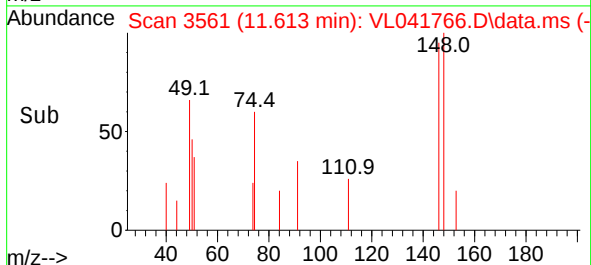
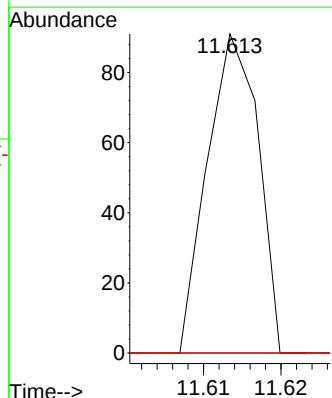
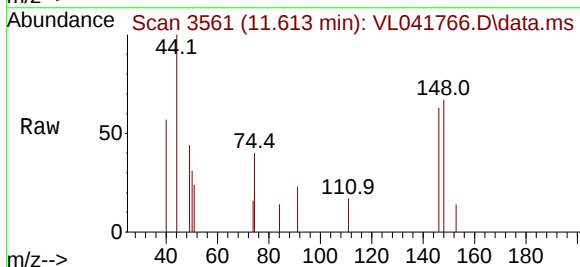
Tgt Ion: 91 Resp: 42

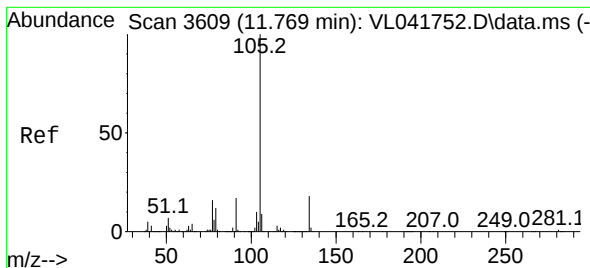
Ion Ratio Lower Upper

91 100

126 0.0 13.9 20.9#

128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.015 ppbv

RT: 11.769 min Scan# 3180

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

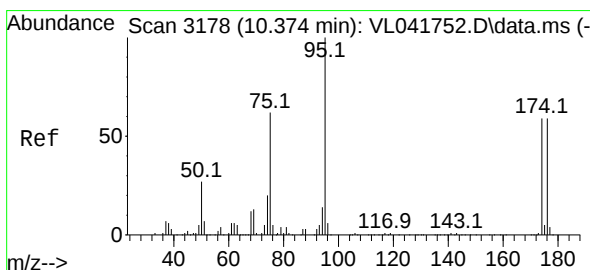
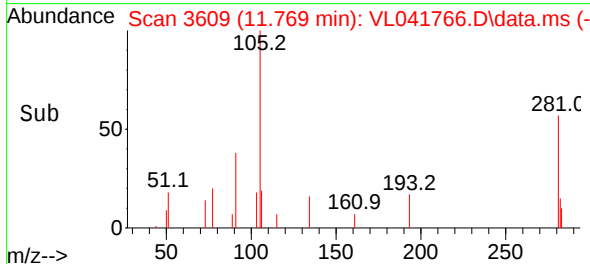
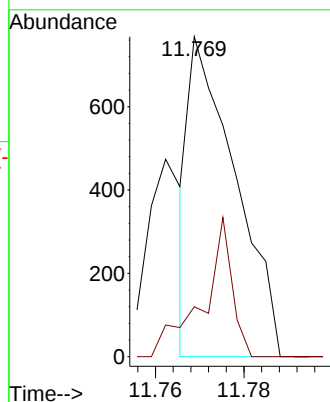
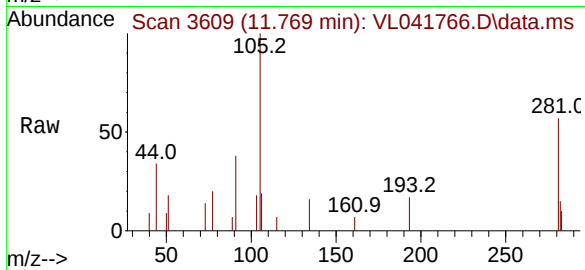
MDL 0.03

Tgt Ion:105 Resp: 562

Ion Ratio Lower Upper

105 100

134 27.4 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.955 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

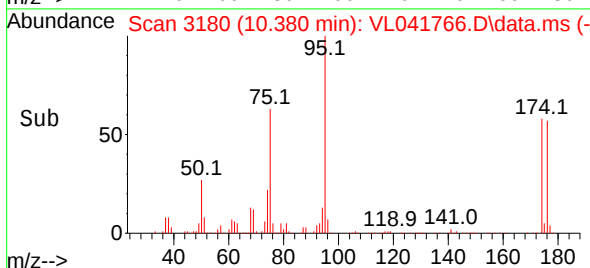
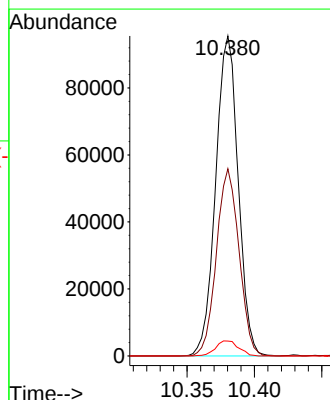
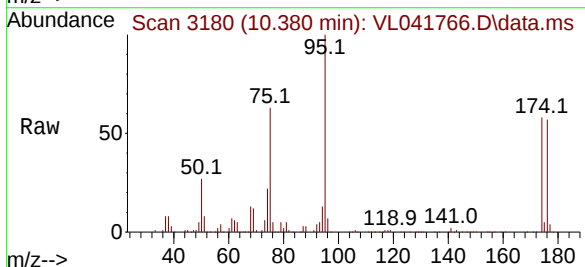
Tgt Ion: 95 Resp: 110900

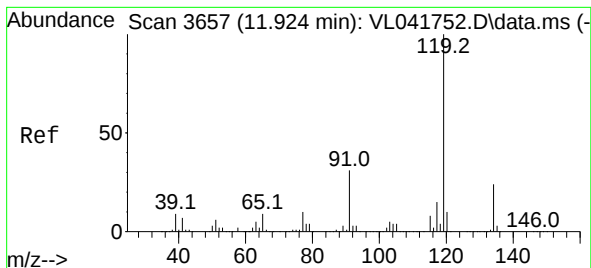
Ion Ratio Lower Upper

95 100

174 58.7 47.6 71.4

175 4.8 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.008 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. 0.013 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

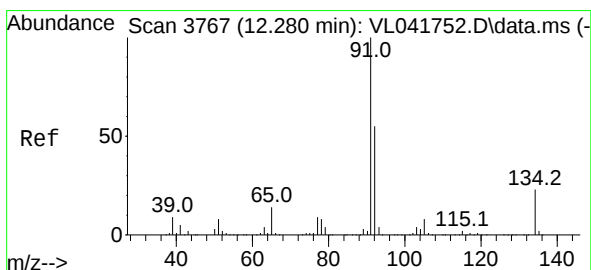
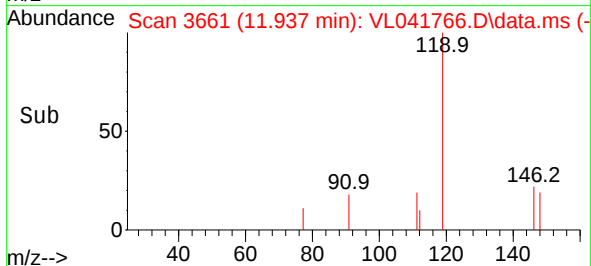
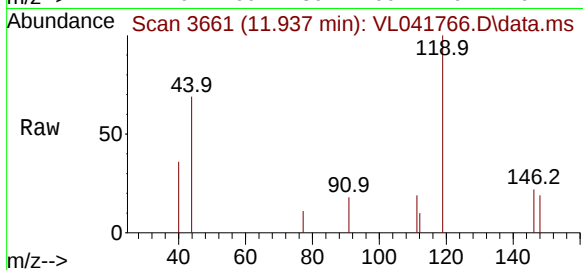
Tgt Ion:119 Resp: 249

Ion Ratio Lower Upper

119 100

134 0.0 19.6 29.4#

91 0.0 24.4 36.6#



#70

n-Butylbenzene

Concen: 0.023 ppbv

RT: 12.283 min Scan# 3768

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

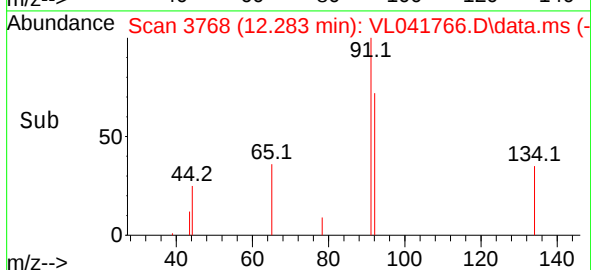
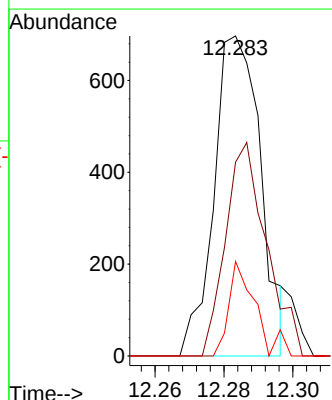
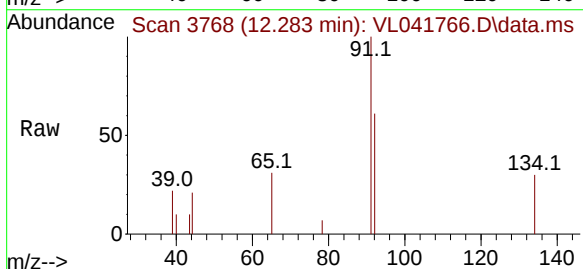
Tgt Ion: 91 Resp: 657

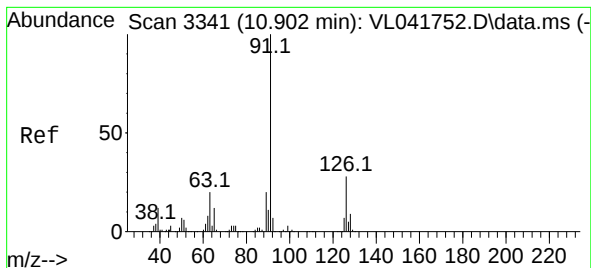
Ion Ratio Lower Upper

91 100

92 58.3 43.2 64.8

134 16.7 18.2 27.4#





#71

2-Chlorotoluene

Concen: 0.032 ppbv

RT: 10.905 min Scan# 3410

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

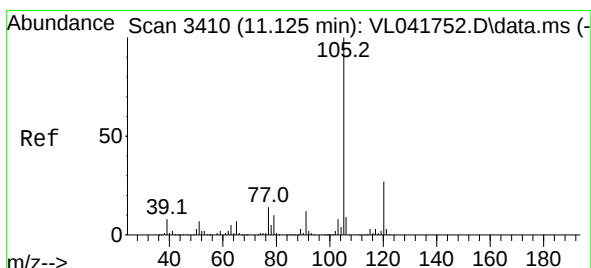
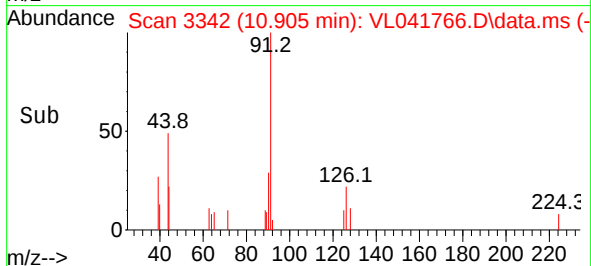
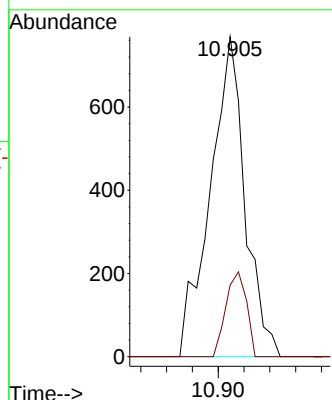
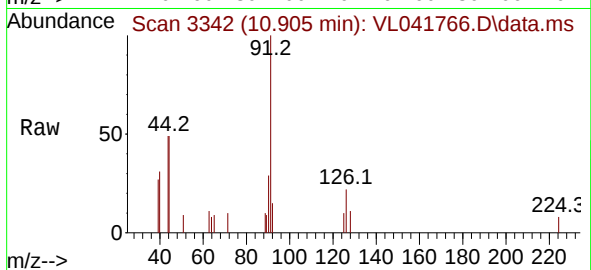
MDL 0.03

Tgt Ion: 91 Resp: 720

Ion Ratio Lower Upper

91 100

126 15.7 11.6 46.4



#72

4-Ethyltoluene

Concen: 0.023 ppbv

RT: 11.125 min Scan# 3410

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion:105 Resp: 532

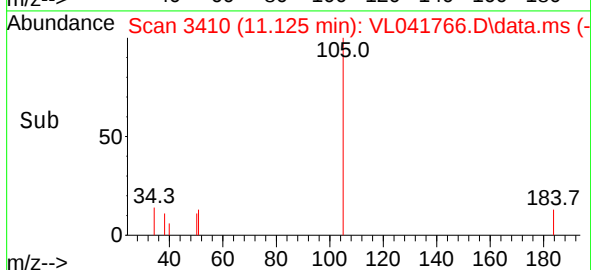
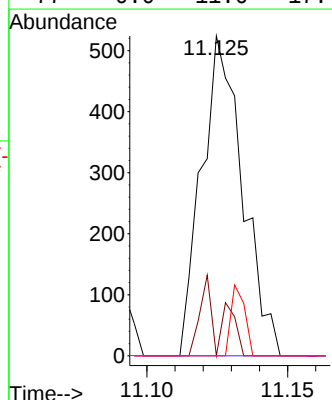
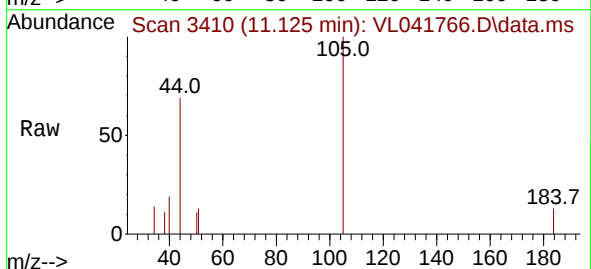
Ion Ratio Lower Upper

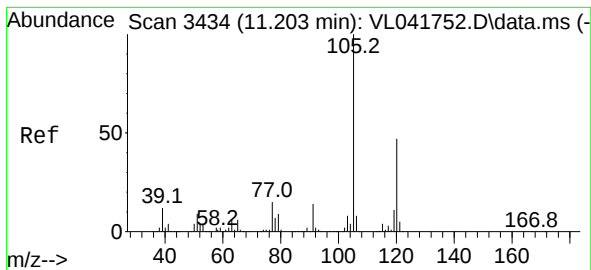
105 100

120 12.4 23.3 34.9#

91 0.0 10.9 16.3#

77 0.0 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.017 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

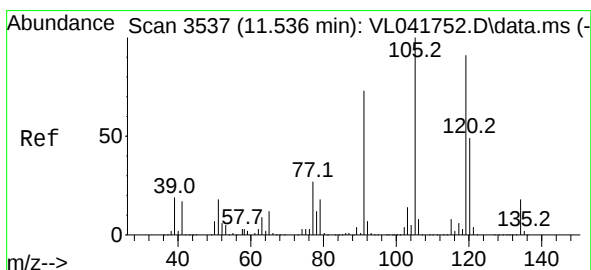
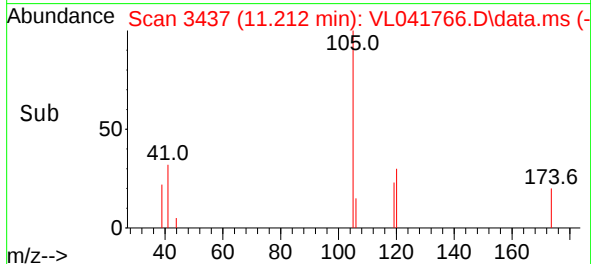
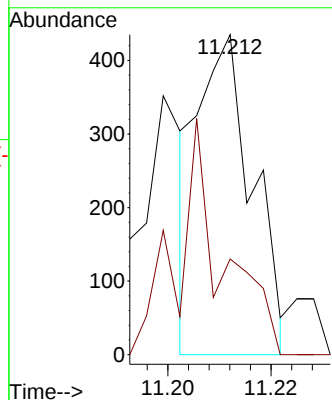
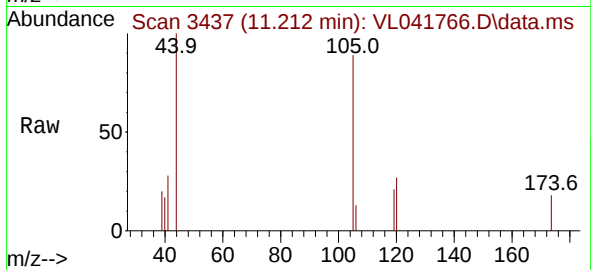
MDL 0.03

Tgt Ion:105 Resp: 321

Ion Ratio Lower Upper

105 100

120 33.8 37.4 56.2#



#74

1,2,4-Trimethylbenzene

Concen: 0.005 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.010 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Tgt Ion:105 Resp: 111

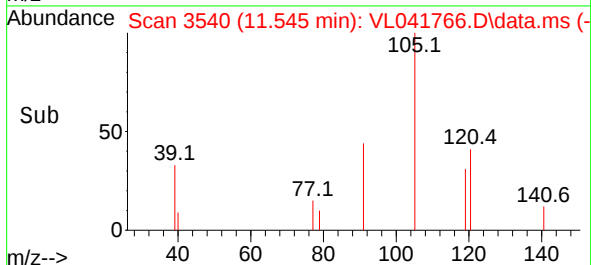
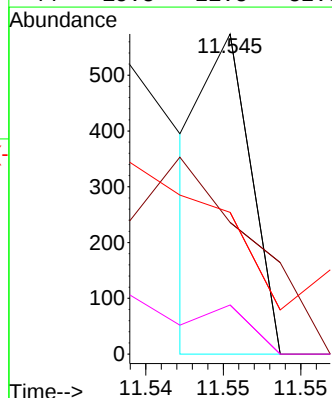
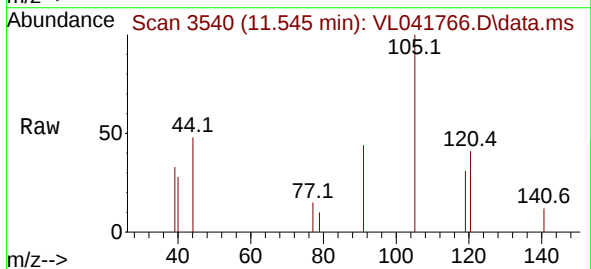
Ion Ratio Lower Upper

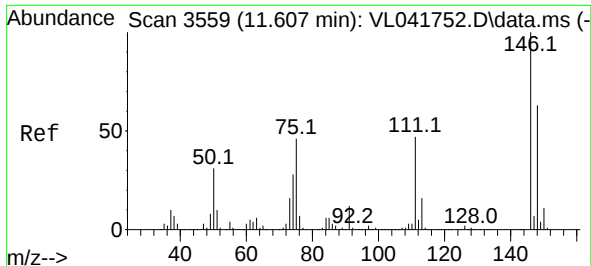
105 100

120 12.5 39.0 58.4#

91 30.5 58.1 87.1#

77 15.3 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.002 ppbv

RT: 11.623 min Scan# 3564

Delta R.T. 0.016 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

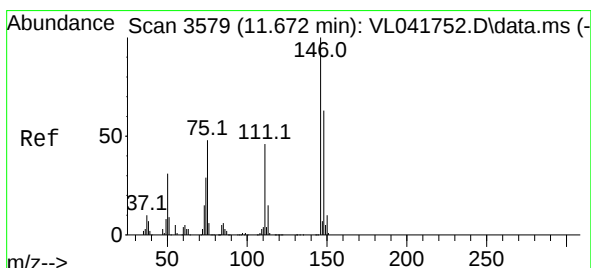
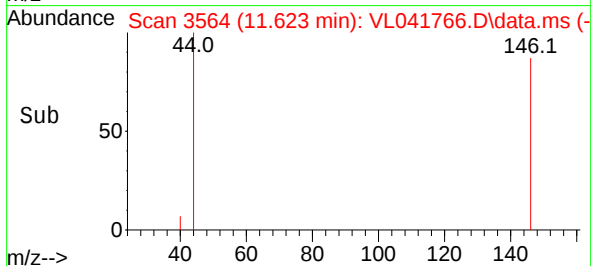
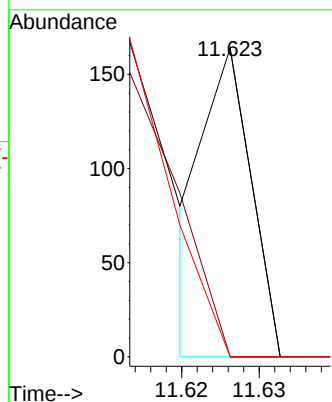
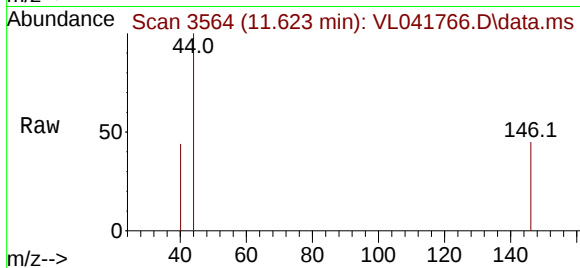
Tgt Ion:146 Resp: 32

Ion Ratio Lower Upper

146 100

111 0.0 23.4 70.3#

148 0.0 31.6 95.0#



#76

1,4-Dichlorobenzene

Concen: 0.035 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. -0.000 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

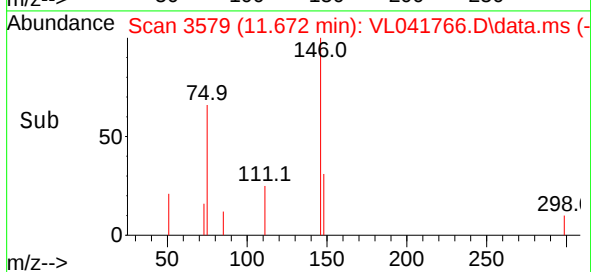
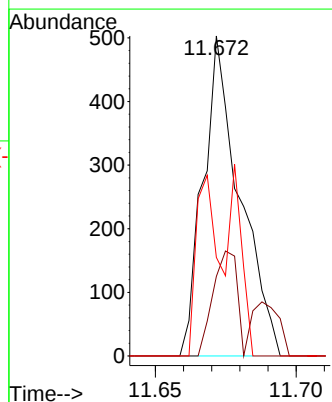
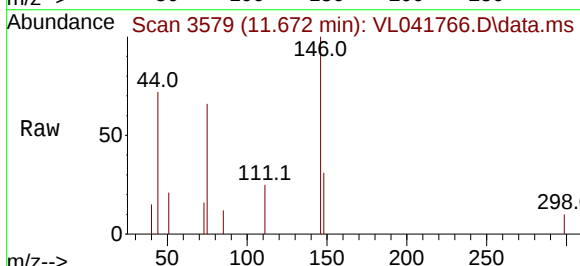
Tgt Ion:146 Resp: 456

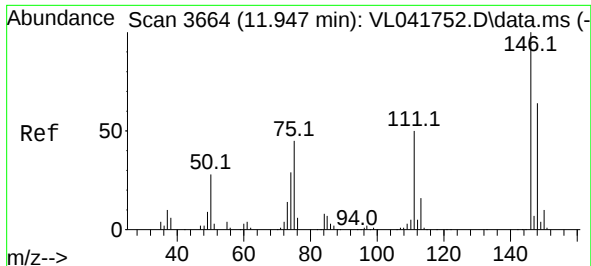
Ion Ratio Lower Upper

146 100

111 33.8 22.7 68.1

148 53.3 31.4 94.0

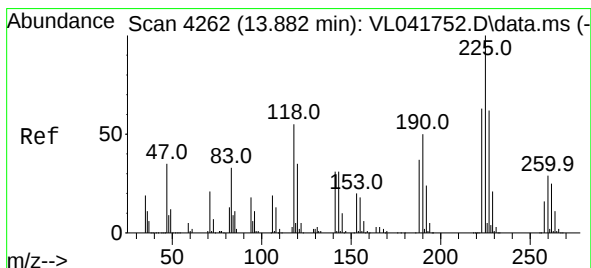
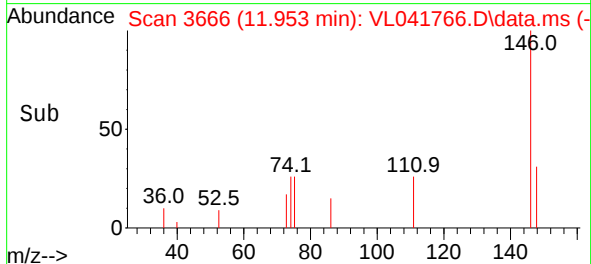
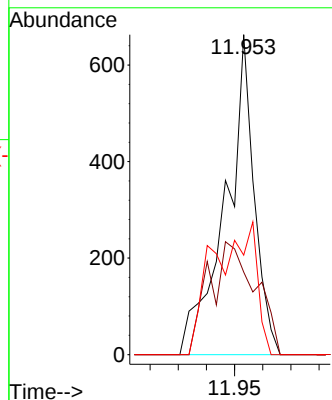
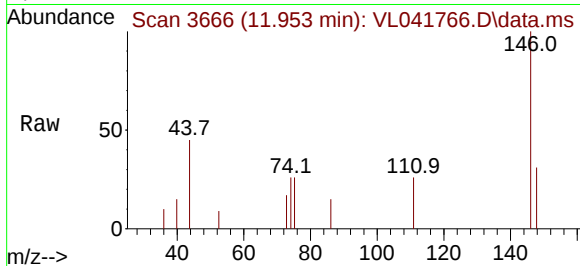




#77
1,2-Dichlorobenzene
Concen: 0.037 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.006 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

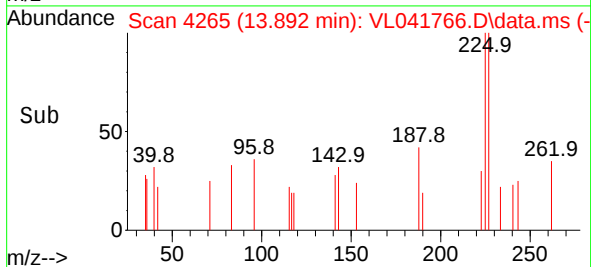
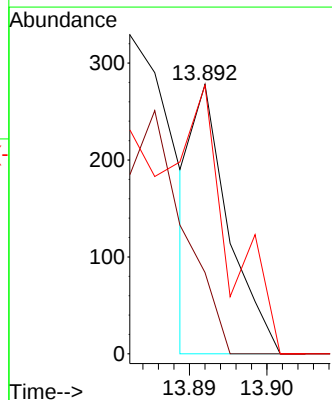
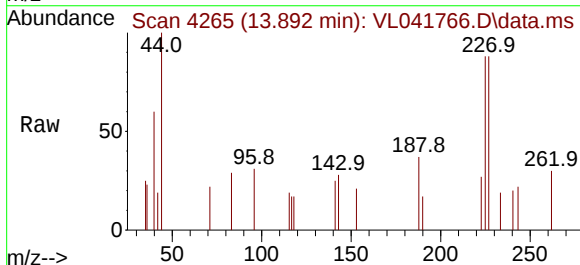
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

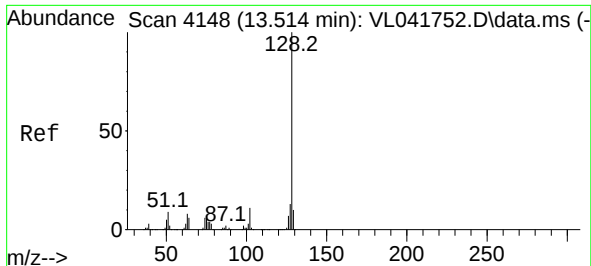
Tgt Ion:146 Resp: 470
Ion Ratio Lower Upper
146 100
111 57.0 24.8 74.3
148 61.1 31.8 95.4



#78
Hexachloro-1,3-Butadiene
Concen: 0.009 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.010 min
Lab File: VL041766.D
Acq: 16 Dec 2024 23:24

Tgt Ion:225 Resp: 87
Ion Ratio Lower Upper
225 100
223 0.0 50.5 75.7#
227 288.5 50.3 75.5#





#79

Naphthalene

Concen: 0.026 ppbv

RT: 13.517 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

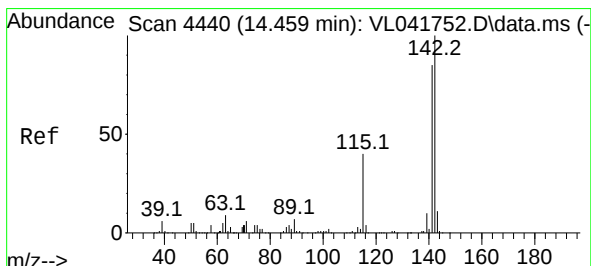
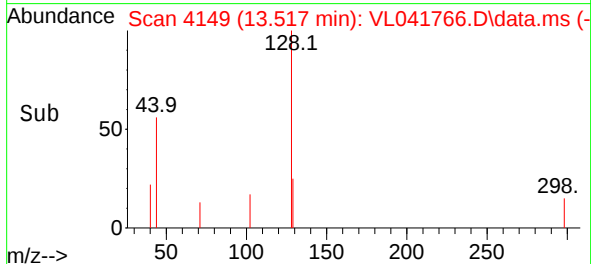
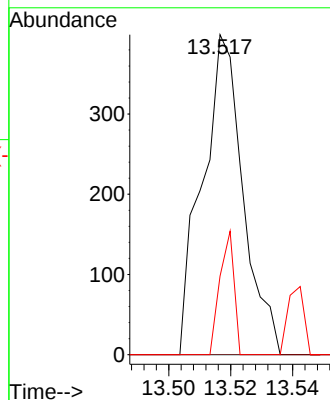
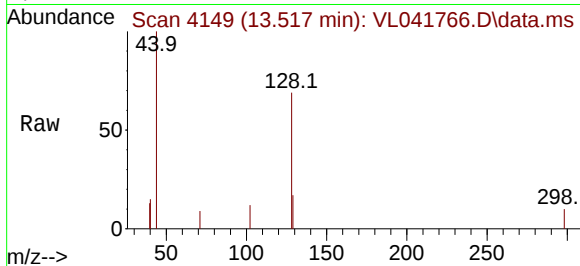
Tgt Ion:128 Resp: 364

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 24.6 8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.028 ppbv

RT: 14.462 min Scan# 4441

Delta R.T. 0.003 min

Lab File: VL041766.D

Acq: 16 Dec 2024 23:24

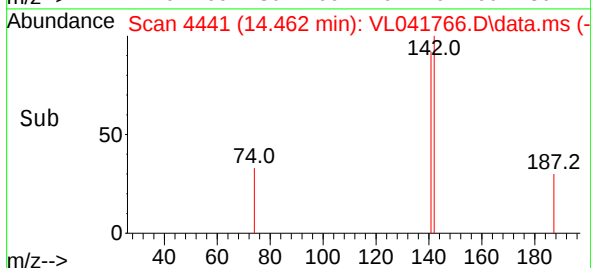
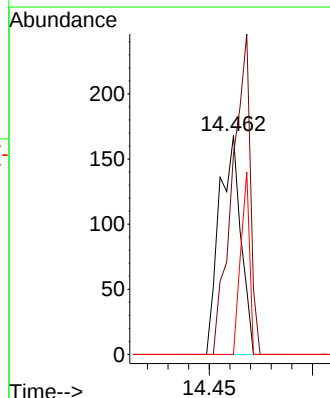
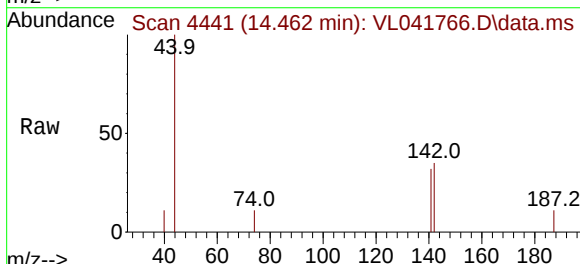
Tgt Ion:142 Resp: 122

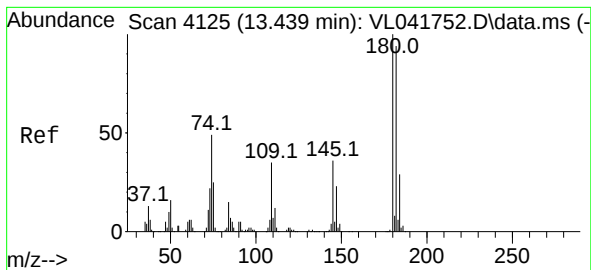
Ion Ratio Lower Upper

142 100

141 122.1 68.4 102.6#

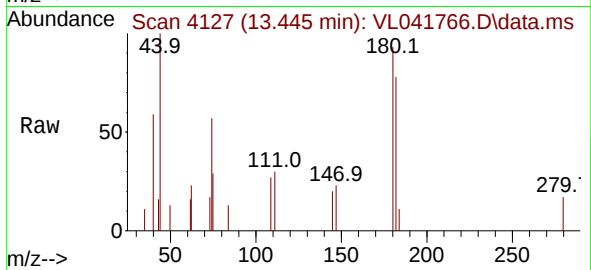
115 33.6 32.5 48.7





#81
 1,2,4-Trichlorobenzene
 Concen: 0.030 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL041766.D
 Acq: 16 Dec 2024 23:24

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03



Tgt Ion:	180	Resp:	230
Ion	Ratio	Lower	Upper
180	100		
182	172.6	77.0	115.6#
184	37.0	23.8	35.8#

