

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041885.D
 Acq On : 10 Jan 2025 01:18
 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: Jan 10 03:15:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	107882	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	326190	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	288647	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	235590	10.179	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.506	85	1136	0.064	ppbv #	84
3) Chlorodifluoromethane	1.480	51	1020	0.052	ppbv #	46
4) Chloromethane	1.541	50	786	0.114	ppbv #	82
5) Vinyl Chloride	1.586	62	383	0.052	ppbv #	85
6) Bromomethane	1.674	94	341	0.099	ppbv #	48
7) Chloroethane	1.709	64	96	0.034	ppbv #	38
8) Dichlorotetrafluoroethane	1.561	85	744	0.048	ppbv #	60
9) Propene	1.781	41	372	0.041	ppbv	87
10) Heptane	5.011	43	254	0.011	ppbv #	1
11) Trichlorofluoromethane	1.887	101	890	0.049	ppbv #	66
12) 1,1,2-Trichlorotrifluo...	2.150	101	414	0.028	ppbv #	12
13) Ethanol	1.434	45	109069	189.179	ppbv	83
14) Bromoethene	1.784	108	246	0.047	ppbv #	31
15) Acetone	1.842	43	3793	0.208	ppbv	99
16) 1,3-Butadiene	1.612	39	412	0.053	ppbv #	53
17) tert-Butyl alcohol	2.056	59	976	0.047	ppbv #	56
18) 1,1-Dichloroethene	2.043	96	436	0.065	ppbv #	38
19) Isopropyl Alcohol	1.434	45	109069	11.405	ppbv #	30
20) Methylene Chloride	2.069	84	1454	0.234	ppbv	93
21) Allyl Chloride	2.104	41	860	0.074	ppbv #	62
22) trans-1,2-Dichloroethene	2.735	96	399	0.052	ppbv	84
23) Vinyl Acetate	2.467	43	663	0.072	ppbv #	34
24) 1,1-Dichloroethane	2.418	63	567	0.039	ppbv #	88
25) Ethyl Acetate	2.858	43	1392	0.031	ppbv #	86
26) Hexane	2.842	57	409	0.022	ppbv #	1
27) Carbon Disulfide	2.159	76	674	0.038	ppbv #	1
28) Methyl tert-Butyl Ether	2.451	73	160	0.011	ppbv #	1
29) Chloroform	2.858	83	786	0.030	ppbv	88
30) Cyclohexane	3.875	84	448	0.028	ppbv #	16
31) cis-1,2-Dichloroethene	2.735	61	256	0.014	ppbv #	90
32) 1,1,1-Trichloroethane	3.389	97	374	0.014	ppbv #	27
34) 2-Butanone	2.577	43	1881	0.069	ppbv #	81
35) Carbon Tetrachloride	3.781	117	544	0.021	ppbv #	31
36) Benzene	3.677	78	365	0.010	ppbv #	76
37) 1,2-Dichloroethane	3.234	62	432	0.022	ppbv #	73
38) Trichloroethene	4.571	130	187	0.013	ppbv #	7
39) 1,2-Dichloropropane	3.975	63	84020	6.241	ppbv #	24
40) 1,4-Dioxane	4.645	88	63	0.009	ppbv #	17
41) Tetrahydrofuran	3.079	42	175	0.011	ppbv #	37
42) Bromodichloromethane	4.512	83	453	0.017	ppbv #	85
43) Methyl Methacrylate	4.910	69	247	0.016	ppbv #	1
44) 2,2,4-Trimethylpentane	4.671	57	741	0.012	ppbv #	43
45) t-1,3-Dichloropropene	6.441	75	137	0.009	ppbv #	45

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010925\
 Data File : VL041885.D
 Acq On : 10 Jan 2025 01:18
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

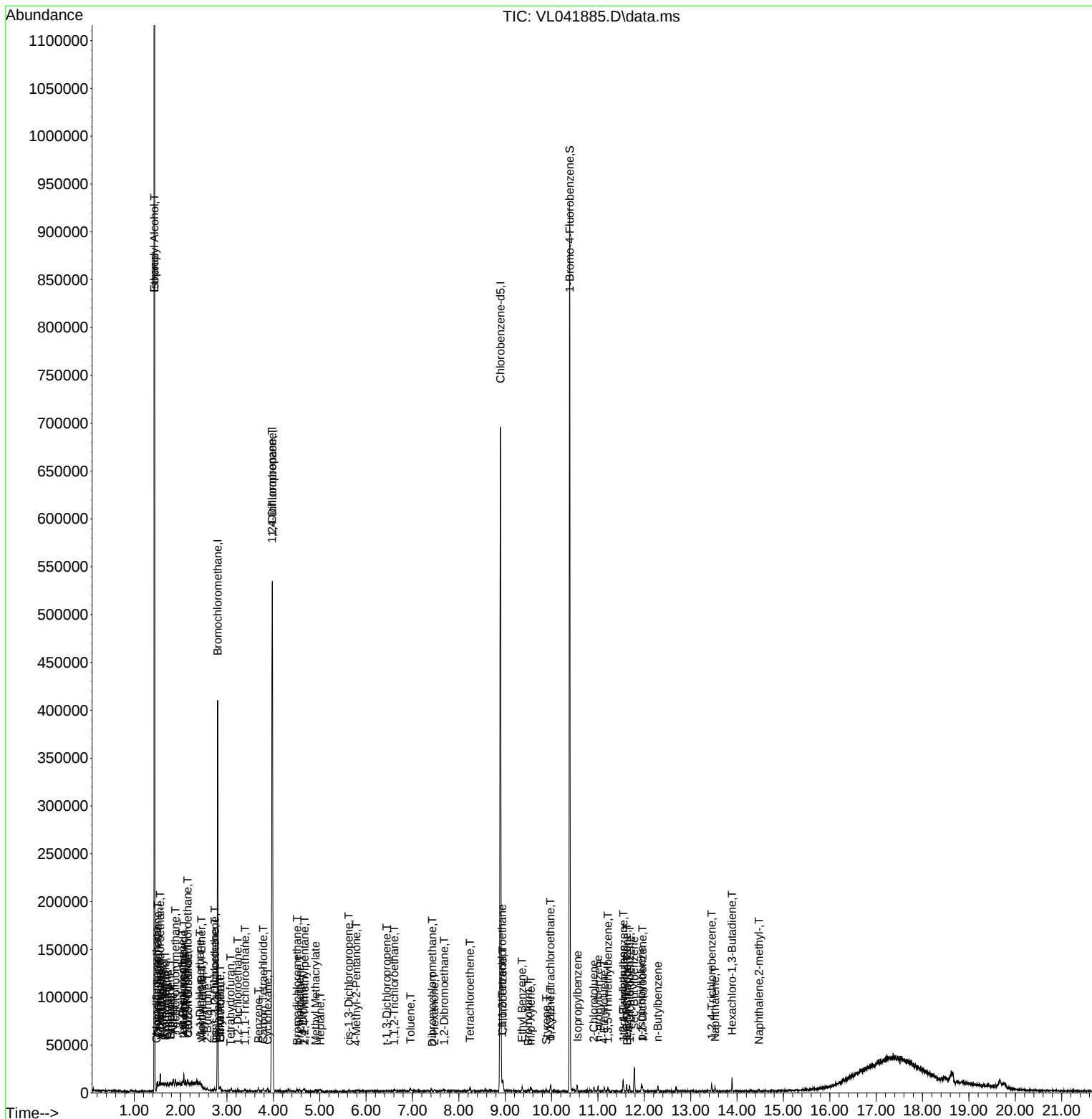
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

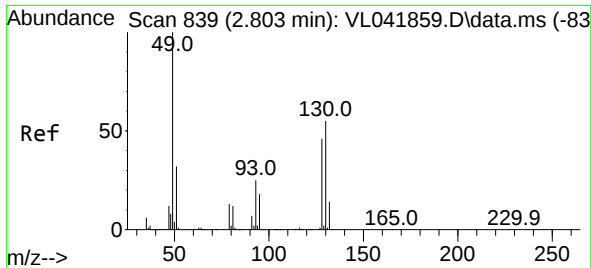
Quant Time: Jan 10 03:15:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Jan 10 00:31:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	5.626	75	193	0.009	ppbv	#	83
47) 1,1,2-Trichloroethane	6.606	97	117	0.008	ppbv	#	40
48) Dibromochloromethane	7.425	129	57	0.003	ppbv		60
49) Bromoform	9.494	173	317	0.017	ppbv	#	28
50) 4-Methyl-2-Pentanone	5.791	43	162	0.004	ppbv	#	38
51) 2-Hexanone	7.471	43	549	0.017	ppbv	#	18
52) Tetrachloroethene	8.241	164	392	0.027	ppbv	#	56
53) Toluene	6.959	91	1540	0.034	ppbv		85
54) 1,2-Dibromoethane	7.684	107	118	0.006	ppbv		90
56) 1,1,1,2-Tetrachloroethane	8.937	131	352	0.020	ppbv	#	8
57) Chlorobenzene	8.943	112	459	0.014	ppbv	#	54
58) Ethyl Benzene	9.364	91	1900	0.032	ppbv		98
59) m/p-Xylene	9.552	91	597	0.013	ppbv	#	100
60) o-Xylene	9.976	91	1561	0.033	ppbv		100
61) Styrene	9.888	104	238	0.010	ppbv	#	1
62) Isopropylbenzene	10.558	105	1048	0.015	ppbv	#	33
63) 1,1,2,2-Tetrachloroethane	9.976	83	1239	0.044	ppbv	#	90
64) n-propylbenzene	11.005	120	378	0.021	ppbv	#	1
65) tert-Butylbenzene	11.546	119	1819	0.029	ppbv	#	89
66) Benzyl Chloride	11.633	91	70	0.011	ppbv	#	66
67) sec-Butylbenzene	11.779	105	2987	0.034	ppbv		93
69) p-Isopropyltoluene	11.934	119	2466	0.033	ppbv	#	89
70) n-Butylbenzene	12.293	91	2118	0.028	ppbv		95
71) 2-Chlorotoluene	10.911	91	1581	0.029	ppbv		98
72) 4-Ethyltoluene	11.135	105	887	0.015	ppbv	#	27
73) 1,3,5-Trimethylbenzene	11.215	105	856	0.018	ppbv	#	75
74) 1,2,4-Trimethylbenzene	11.552	105	645	0.012	ppbv	#	82
75) 1,3-Dichlorobenzene	11.620	146	896	0.028	ppbv		73
76) 1,4-Dichlorobenzene	11.688	146	1161	0.037	ppbv		93
77) 1,2-Dichlorobenzene	11.960	146	1186	0.040	ppbv		72
78) Hexachloro-1,3-Butadiene	13.889	225	1180	0.046	ppbv	#	91
79) Naphthalene	13.523	128	1897	0.033	ppbv	#	90
80) Naphthalene,2-methyl-	14.475	142	711	0.023	ppbv	#	75
81) 1,2,4-Trichlorobenzene	13.452	180	944	0.035	ppbv	#	80

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

Quant Time: Jan 10 03:15:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010925AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Jan 10 00:31:30 2025
Response via : Initial Calibration

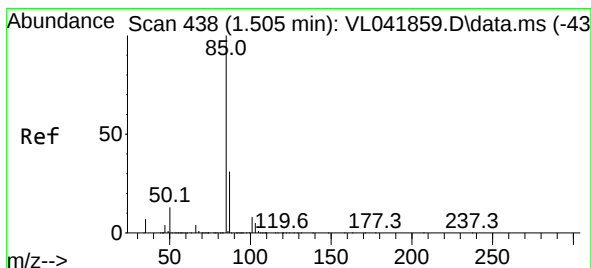
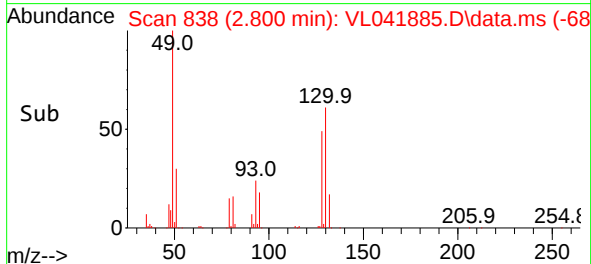
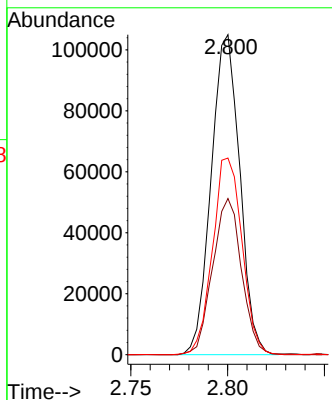
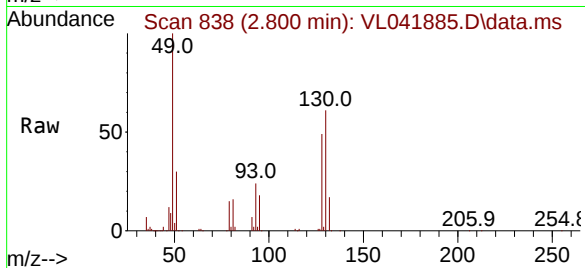




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.800 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

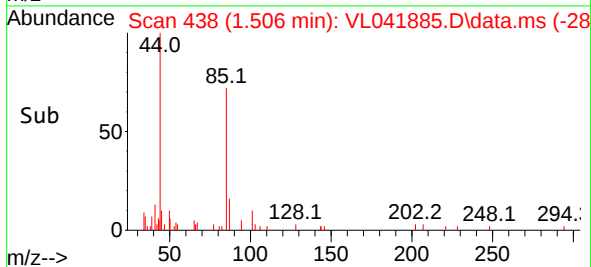
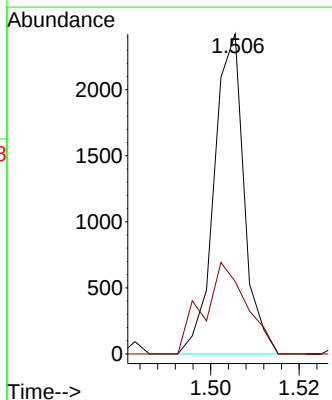
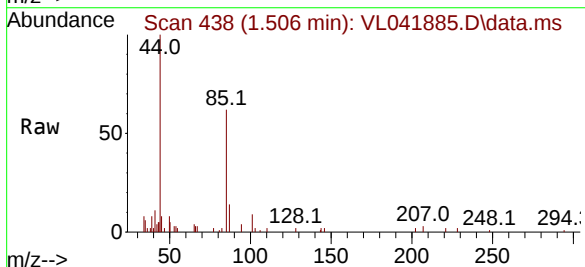
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

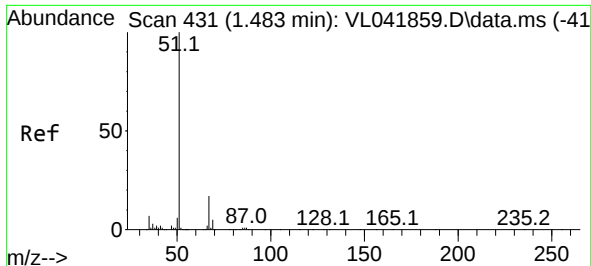
Tgt Ion: 49 Resp: 107882
 Ion Ratio Lower Upper
 49 100
 128 49.3 23.2 69.5
 130 63.6 29.9 89.8



#2
 Dichlorodifluoromethane
 Concen: 0.064 ppbv
 RT: 1.506 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion: 85 Resp: 1136
 Ion Ratio Lower Upper
 85 100
 87 22.6 25.2 37.8#

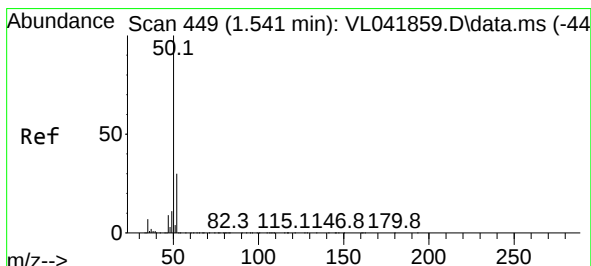
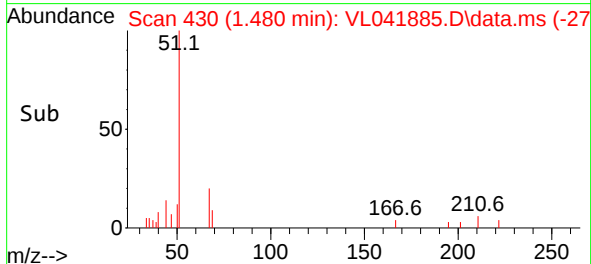
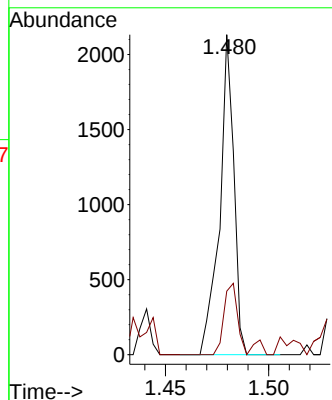
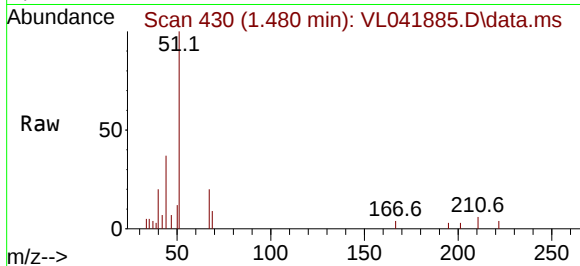




#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 1.480 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

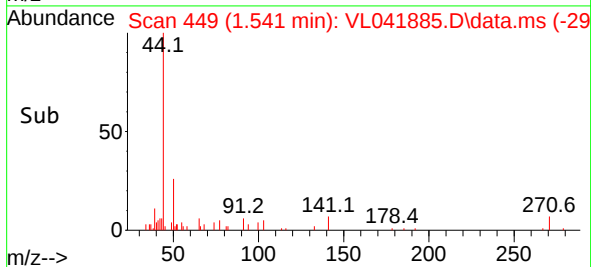
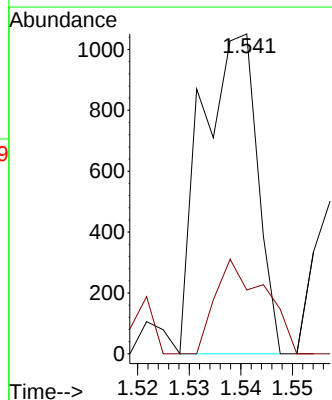
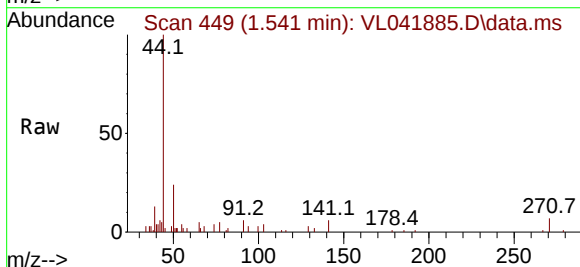
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

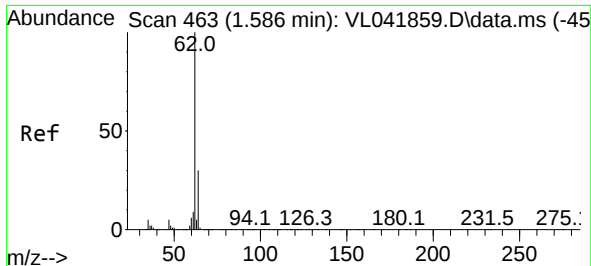
Tgt Ion: 51 Resp: 1020
Ion Ratio Lower Upper
51 100
67 41.0 13.8 20.8#



#4
Chloromethane
Concen: 0.114 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.000 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 50 Resp: 786
Ion Ratio Lower Upper
50 100
52 20.0 23.9 35.9#

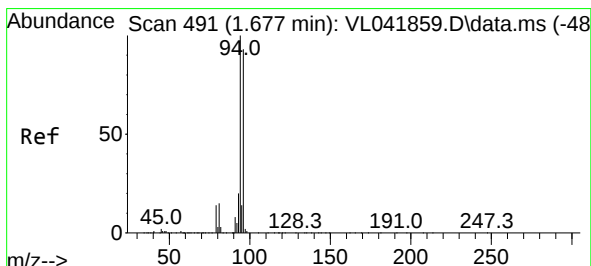
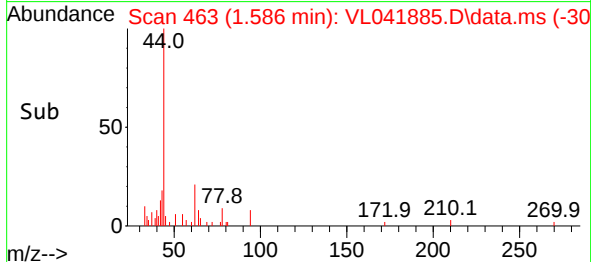
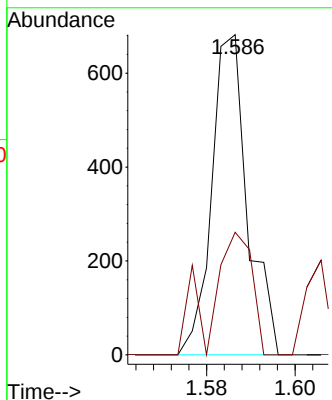
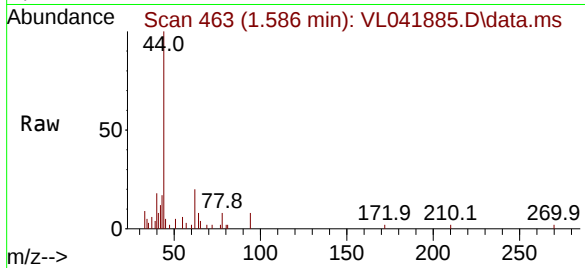




#5
 Vinyl Chloride
 Concen: 0.052 ppbv
 RT: 1.586 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

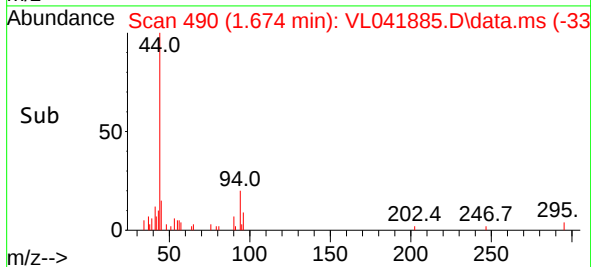
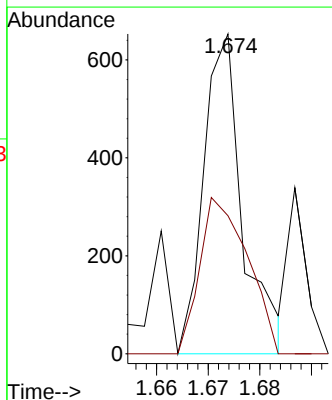
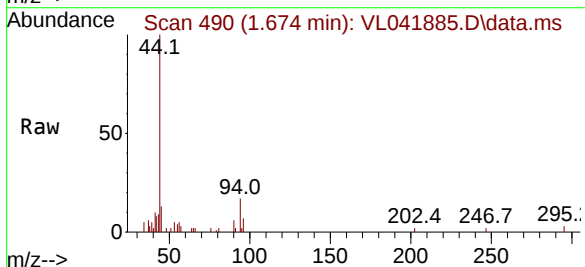
Instrument :
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 ClientSampleId :
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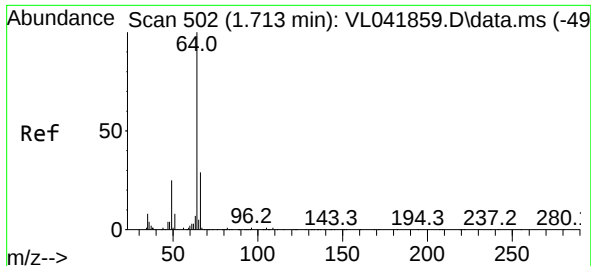
Tgt Ion: 62 Resp: 383
 Ion Ratio Lower Upper
 62 100
 64 38.3 24.1 36.1#



#6
 Bromomethane
 Concen: 0.099 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.003 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion: 94 Resp: 341
 Ion Ratio Lower Upper
 94 100
 96 43.2 74.8 112.2#

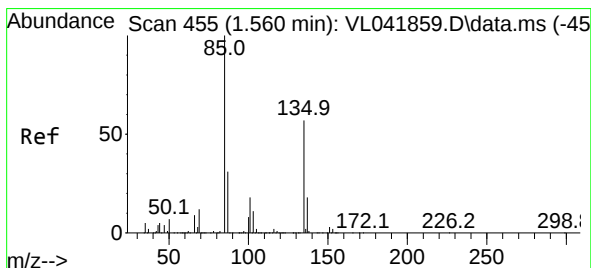
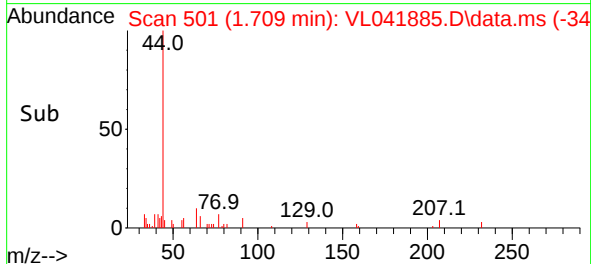
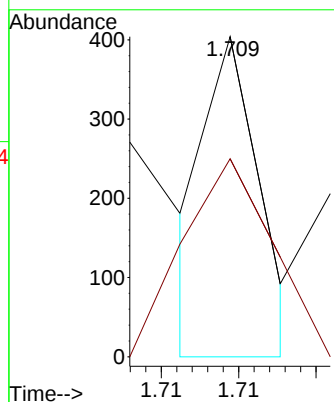
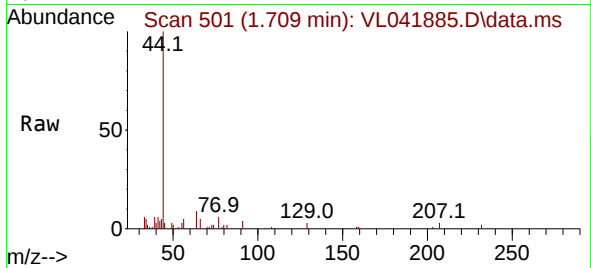




#7
Chloroethane
Concen: 0.034 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

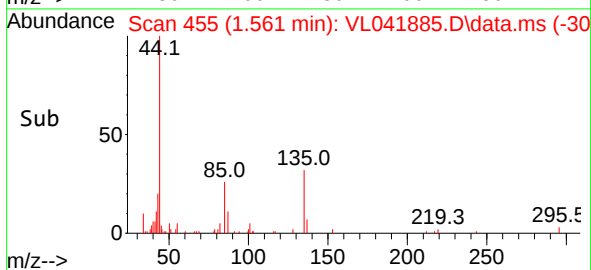
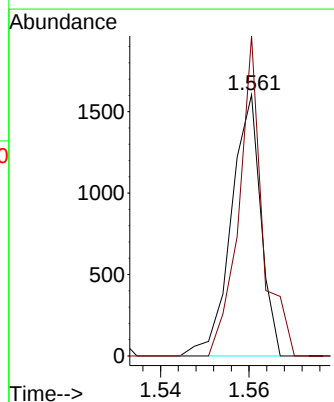
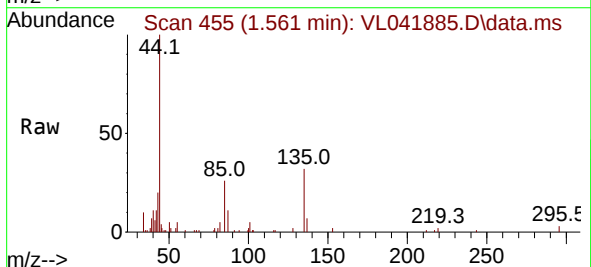
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ClientSampleId :
MDL 0.03

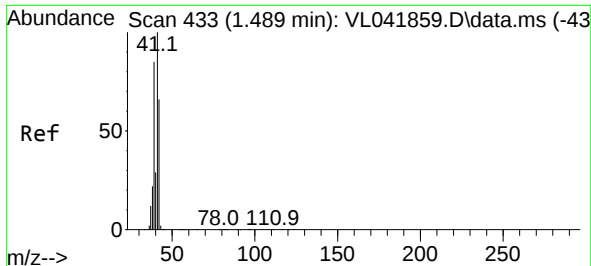
Tgt Ion: 64 Resp: 96
Ion Ratio Lower Upper
64 100
66 61.9 23.0 34.6#



#8
Dichlorotetrafluoroethane
Concen: 0.048 ppbv
RT: 1.561 min Scan# 455
Delta R.T. 0.000 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 85 Resp: 744
Ion Ratio Lower Upper
85 100
135 97.2 52.2 78.4#





#9

Propene

Concen: 0.041 ppbv

RT: 1.781 min Scan# 51

Delta R.T. 0.291 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

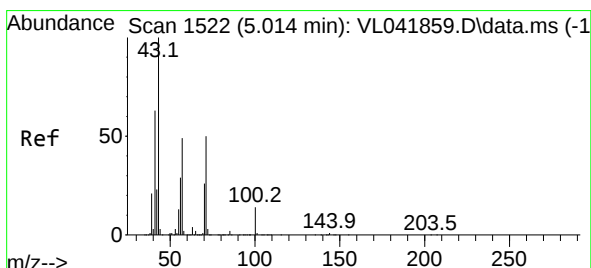
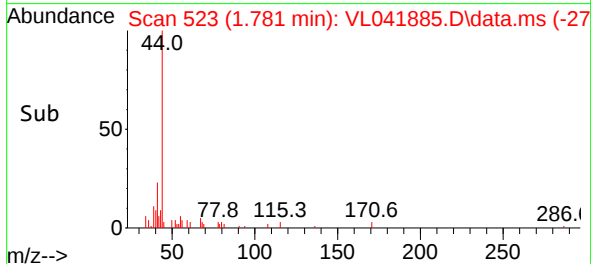
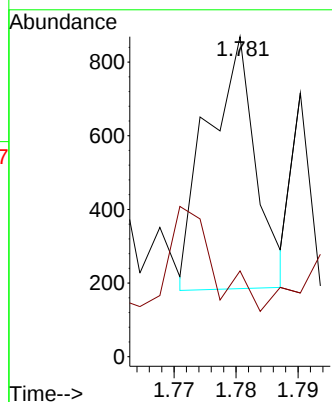
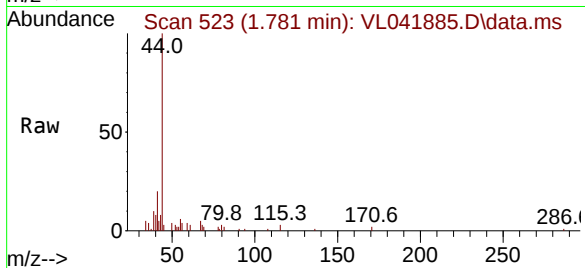
MDL 0.03

Tgt Ion: 41 Resp: 372

Ion Ratio Lower Upper

41 100

42 55.6 53.0 79.6



#10

Heptane

Concen: 0.011 ppbv

RT: 5.011 min Scan# 1521

Delta R.T. -0.003 min

Lab File: VL041885.D

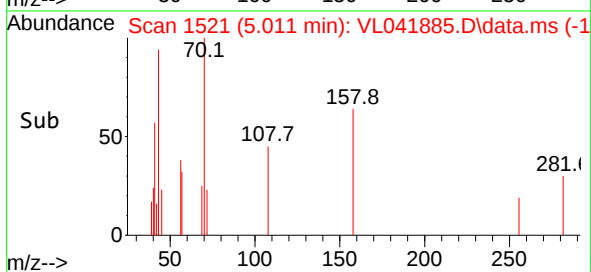
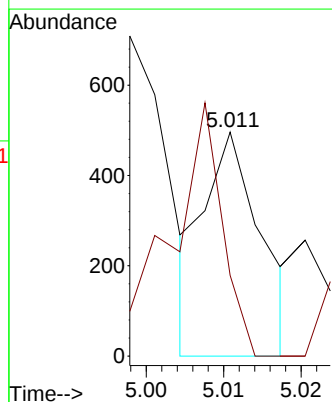
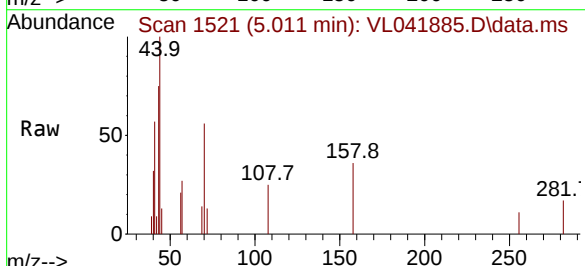
Acq: 10 Jan 2025 01:18

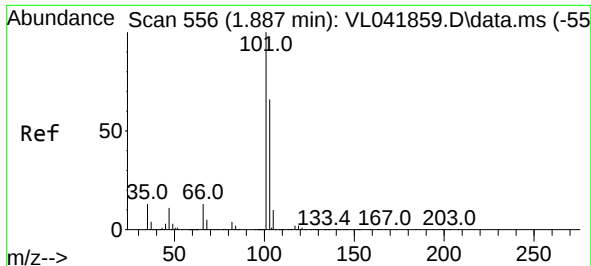
Tgt Ion: 43 Resp: 254

Ion Ratio Lower Upper

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57 136.6 40.2 60.2#

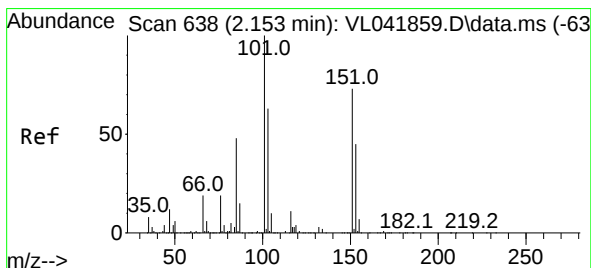
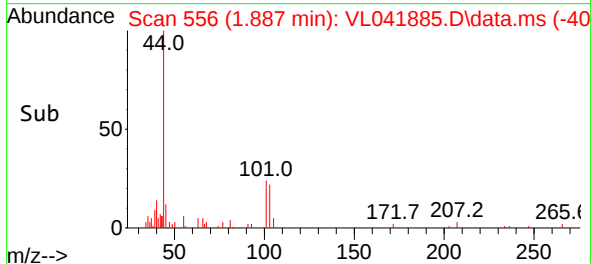
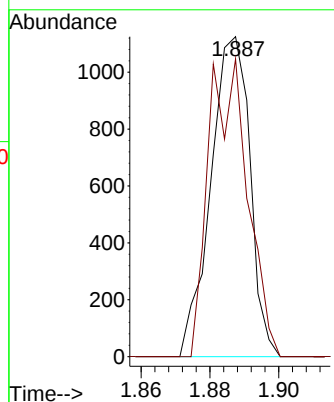
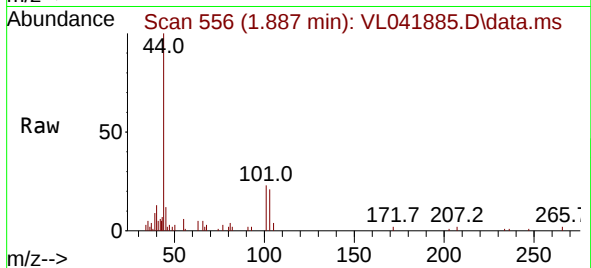




#11
 Trichlorofluoromethane
 Concen: 0.049 ppbv
 RT: 1.887 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

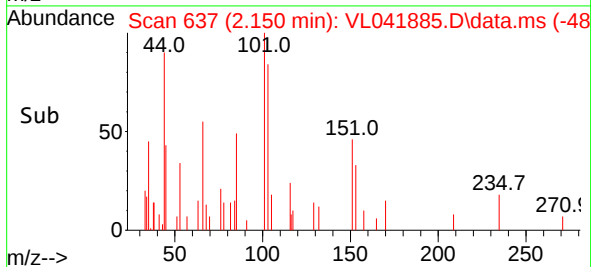
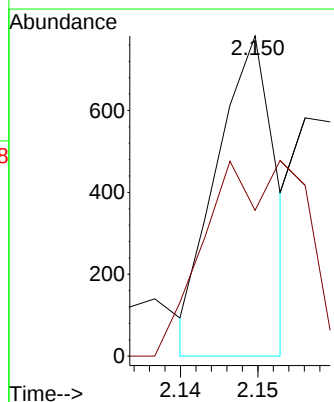
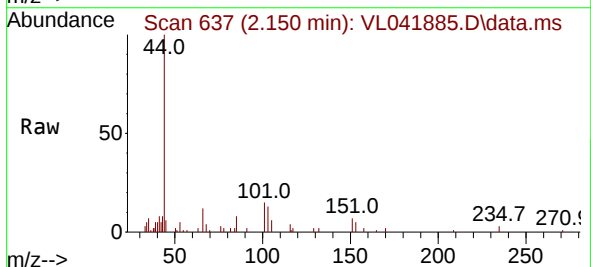
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Tgt Ion:101 Resp: 890
 Ion Ratio Lower Upper
 101 100
 103 93.1 52.6 78.8#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.028 ppbv
 RT: 2.150 min Scan# 637
 Delta R.T. -0.003 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion:101 Resp: 414
 Ion Ratio Lower Upper
 101 100
 151 0.0 59.4 89.0#





#13

Ethanol

Concen: 189.179 ppbv

RT: 1.434 min Scan# 416

Delta R.T. -0.294 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

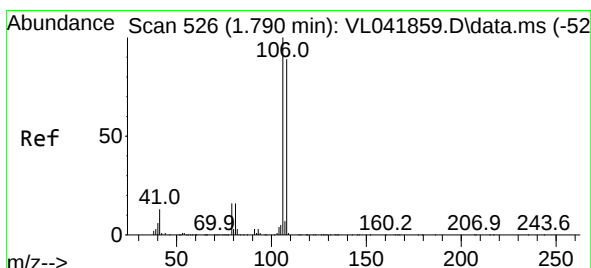
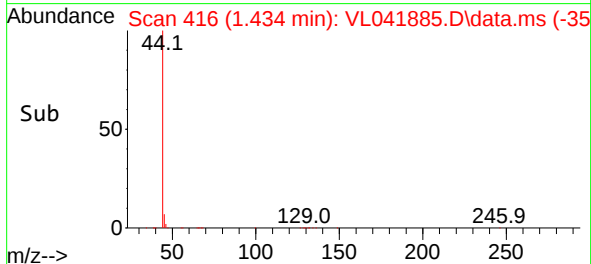
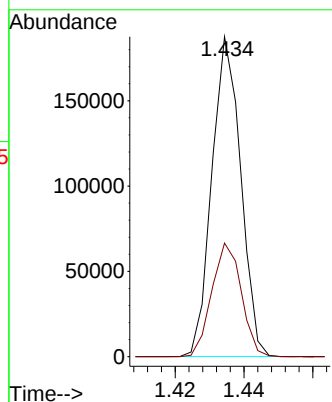
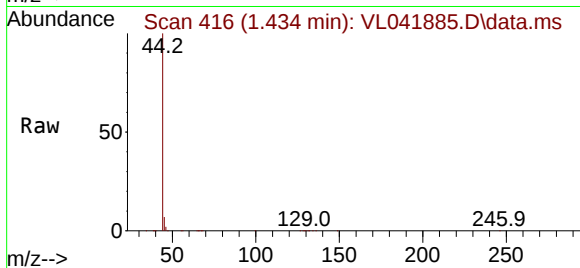
MDL 0.03

Tgt Ion: 45 Resp: 109069

Ion Ratio Lower Upper

45 100

46 36.4 19.0 76.0



#14

Bromoethene

Concen: 0.047 ppbv

RT: 1.784 min Scan# 524

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

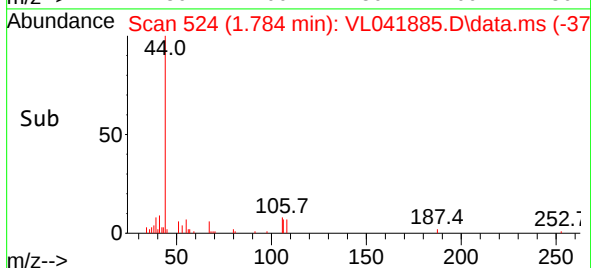
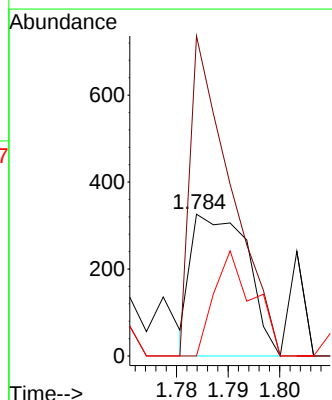
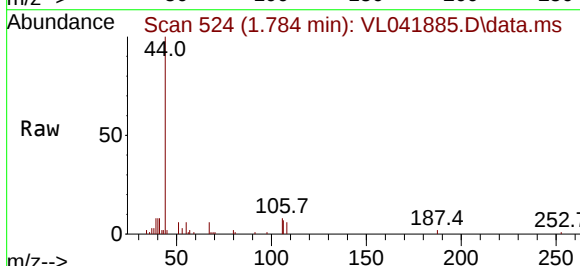
Tgt Ion: 108 Resp: 246

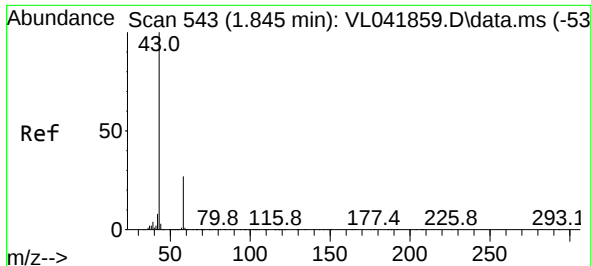
Ion Ratio Lower Upper

108 100

106 180.5 86.9 130.3#

79 51.6 15.6 23.4#

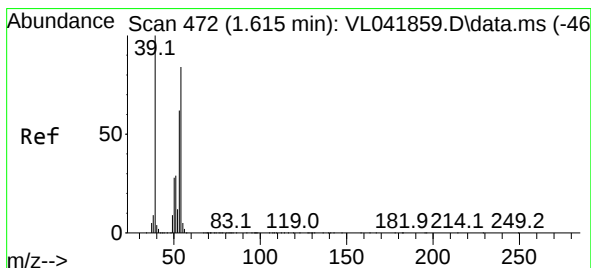
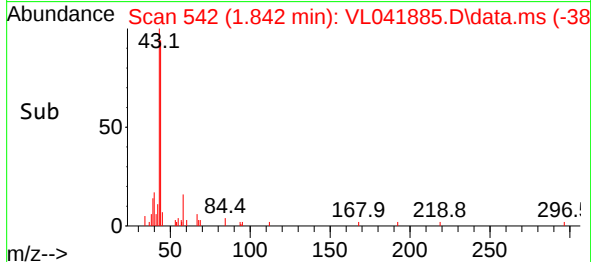
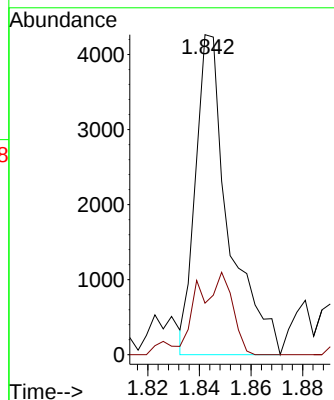
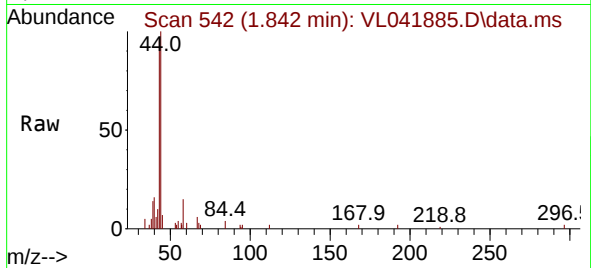




#15
Acetone
Concen: 0.208 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

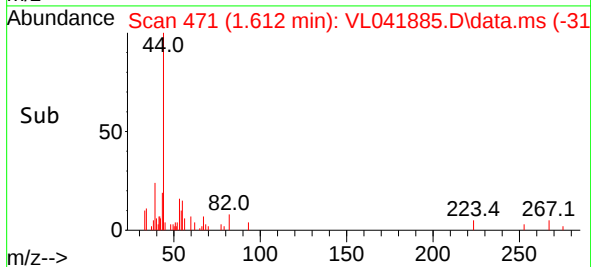
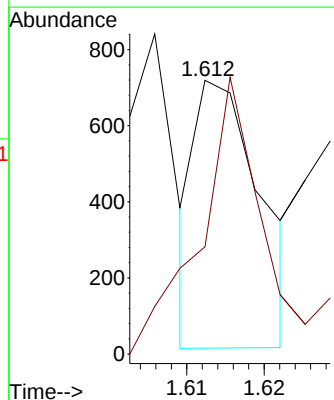
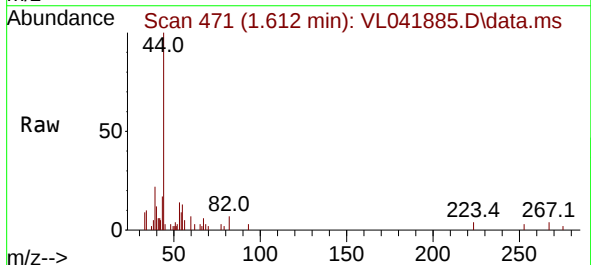
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

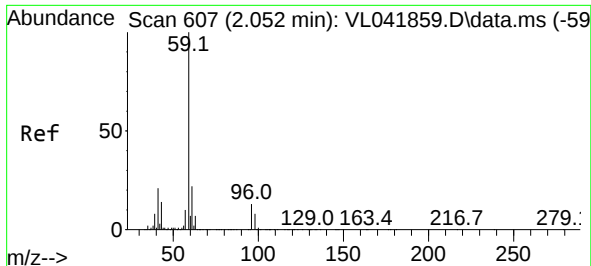
Tgt Ion: 43 Resp: 3793
Ion Ratio Lower Upper
43 100
58 28.8 22.7 34.1



#16
1,3-Butadiene
Concen: 0.053 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 39 Resp: 412
Ion Ratio Lower Upper
39 100
54 115.5 60.1 90.1#





#17

tert-Butyl alcohol

Concen: 0.047 ppbv

RT: 2.056 min Scan# 607

Delta R.T. 0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

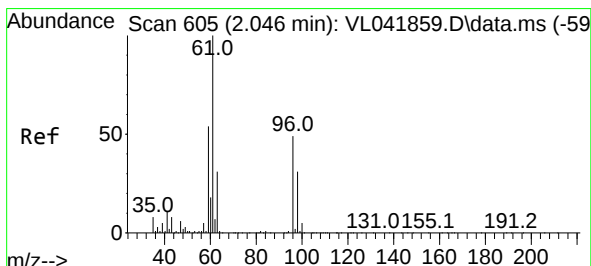
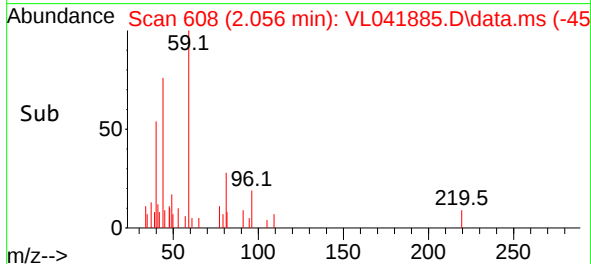
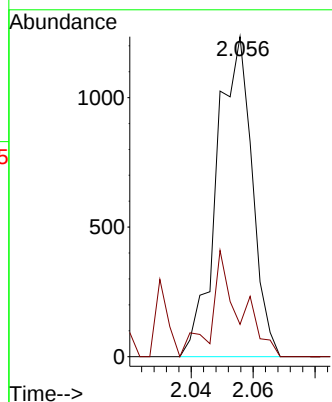
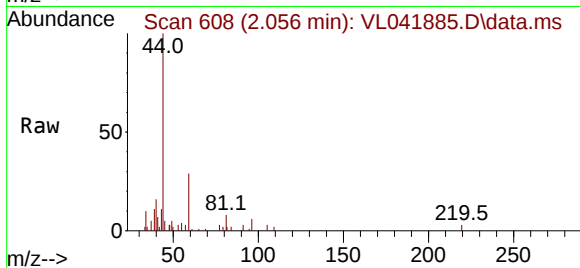
MDL 0.03

Tgt Ion: 59 Resp: 976

Ion Ratio Lower Upper

59 100

57 26.7 8.2 12.4#



#18

1,1-Dichloroethene

Concen: 0.065 ppbv

RT: 2.043 min Scan# 604

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

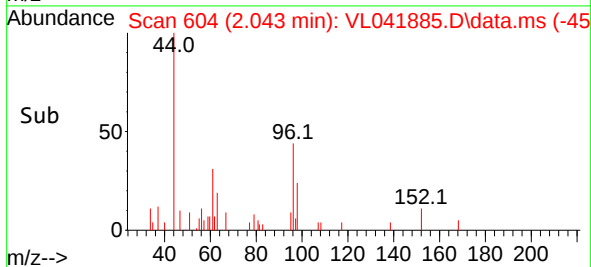
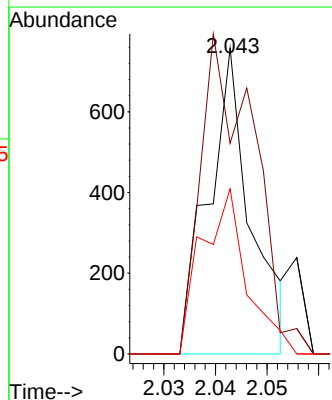
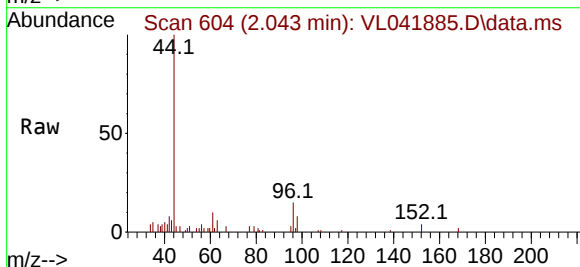
Tgt Ion: 96 Resp: 436

Ion Ratio Lower Upper

96 100

61 83.8 161.7 242.5#

98 54.0 51.0 76.4

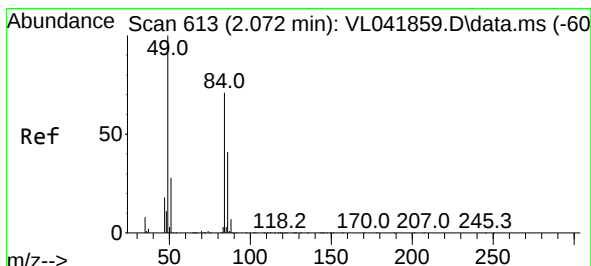
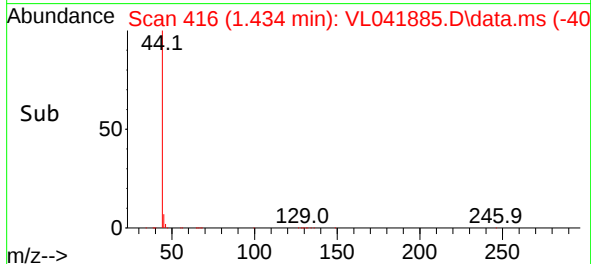
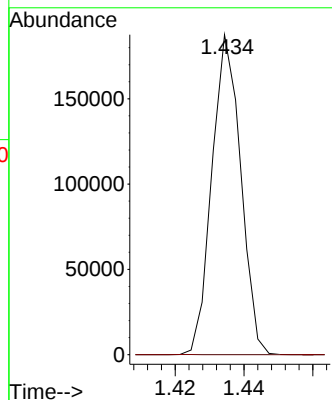
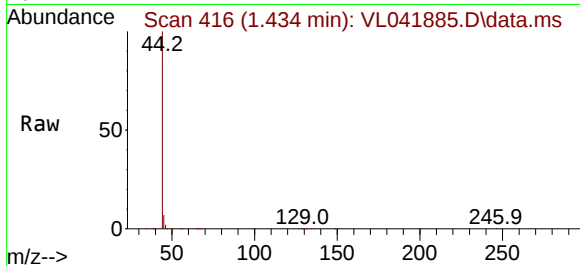




#19
Isopropyl Alcohol
Concen: 11.405 ppbv
RT: 1.434 min Scan# 416
Delta R.T. -0.463 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

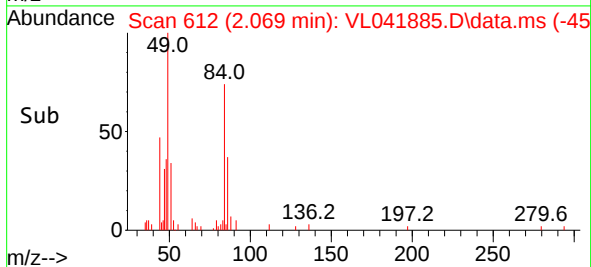
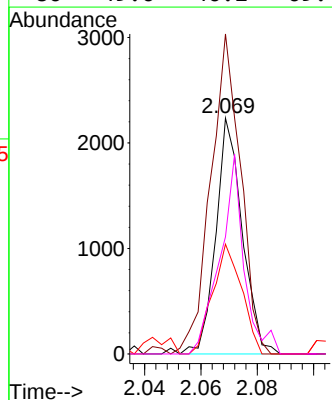
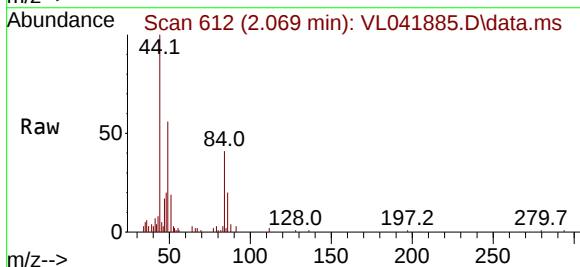
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

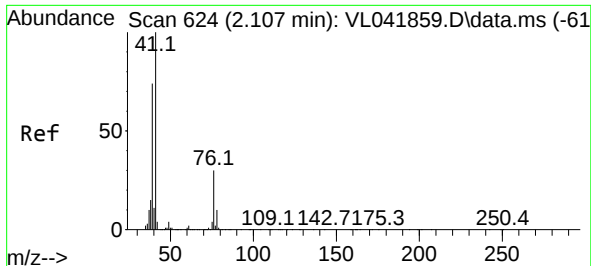
Tgt Ion: 45 Resp: 109069
Ion Ratio Lower Upper
45 100
58 0.0 37.0 55.6#



#20
Methylene Chloride
Concen: 0.234 ppbv
RT: 2.069 min Scan# 612
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 84 Resp: 1454
Ion Ratio Lower Upper
84 100
49 135.6 113.8 170.8
51 46.6 33.5 50.3
86 49.6 46.2 69.4





#21

Allyl Chloride

Concen: 0.074 ppbv

RT: 2.104 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

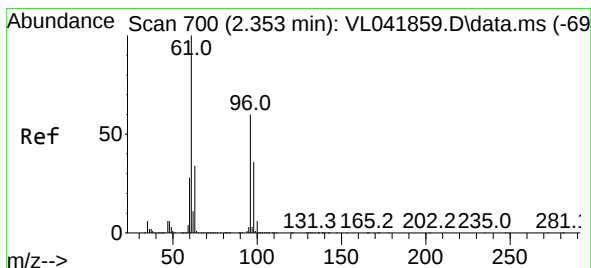
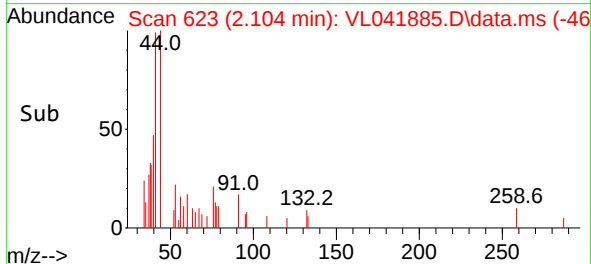
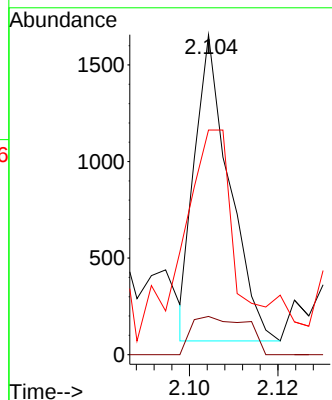
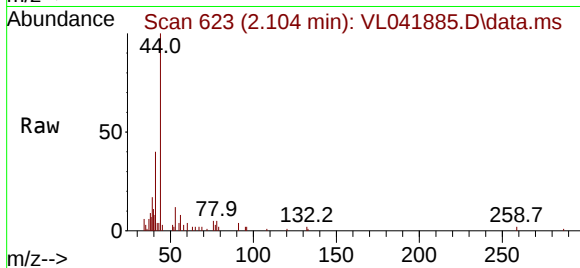
Tgt Ion: 41 Resp: 860

Ion Ratio Lower Upper

41 100

76 20.0 24.6 36.8#

39 113.6 60.1 90.1#



#22

trans-1,2-Dichloroethene

Concen: 0.052 ppbv

RT: 2.735 min Scan# 818

Delta R.T. 0.382 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

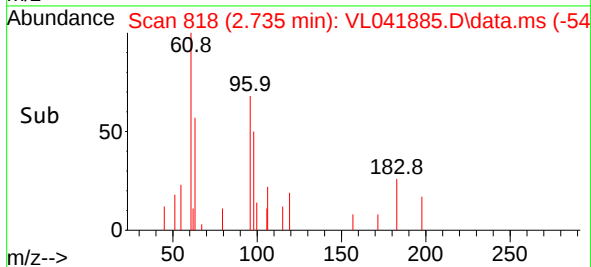
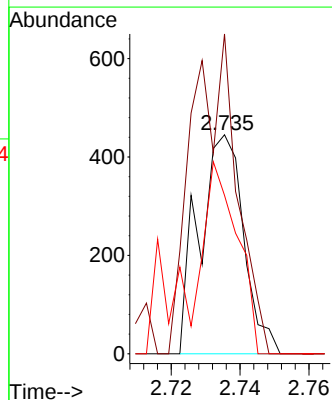
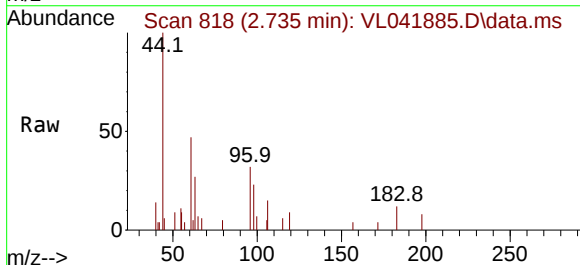
Tgt Ion: 96 Resp: 399

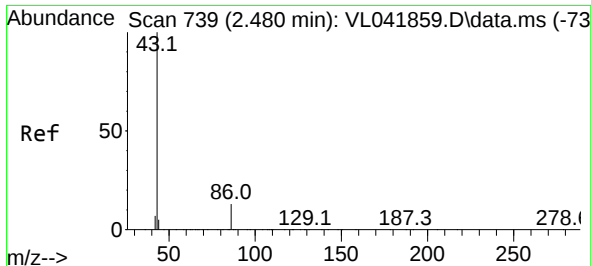
Ion Ratio Lower Upper

96 100

61 146.1 134.2 201.4

98 72.4 49.0 73.4

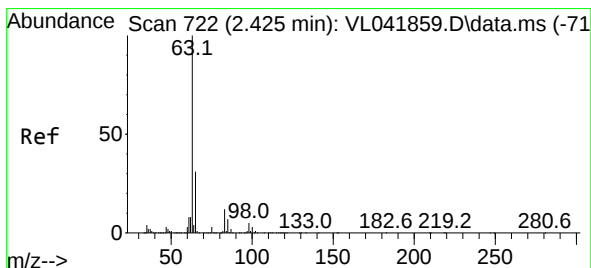
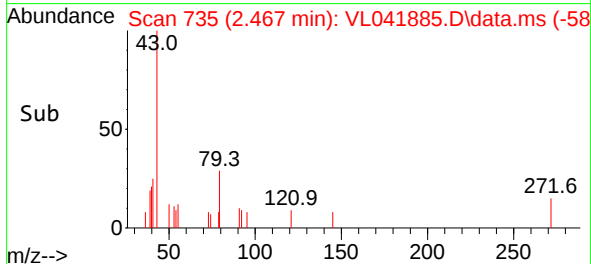
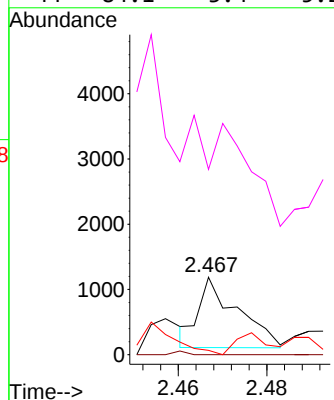
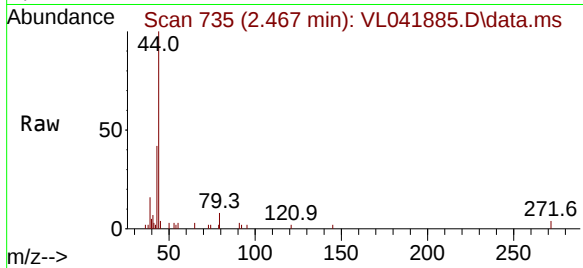




#23
 Vinyl Acetate
 Concen: 0.072 ppbv
 RT: 2.467 min Scan# 71
 Delta R.T. -0.013 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

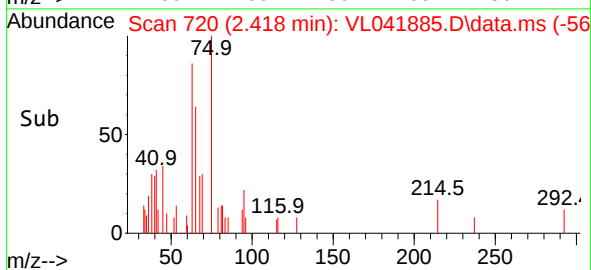
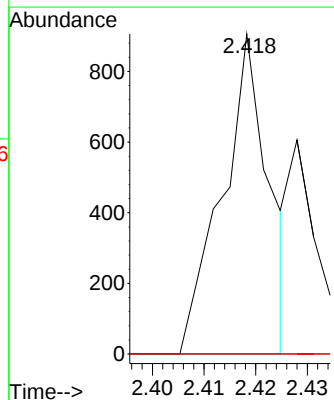
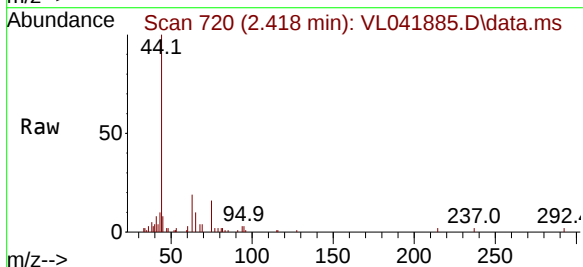
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

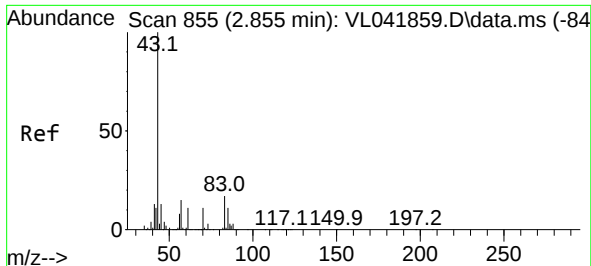
Tgt Ion:	43	Resp:	663
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.6#
42	0.0	7.0	10.4#
44	84.1	3.4	5.2#



#24
 1,1-Dichloroethane
 Concen: 0.039 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.006 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion:	63	Resp:	567
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.9#
100	0.0	1.3	3.8#

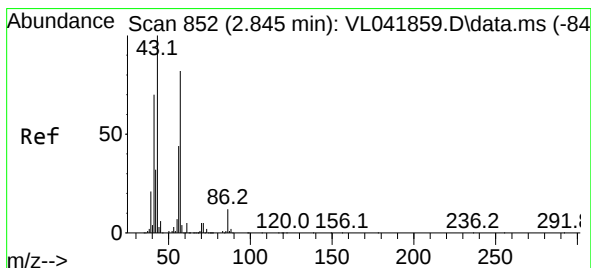
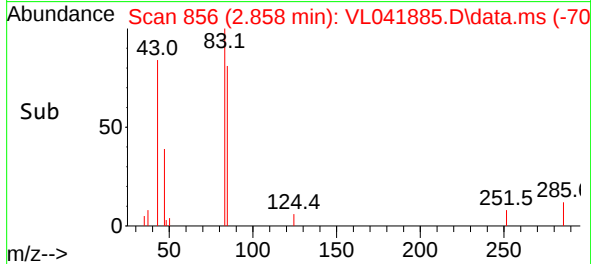
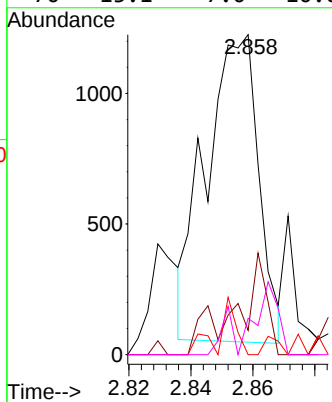
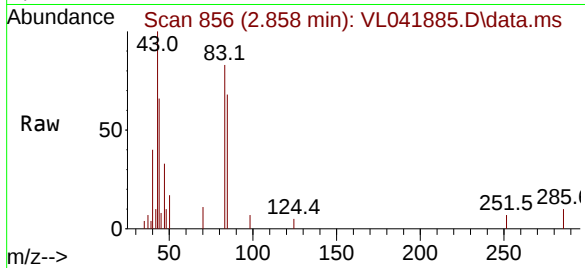




#25
Ethyl Acetate
Concen: 0.031 ppbv
RT: 2.858 min Scan# 856
Delta R.T. 0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

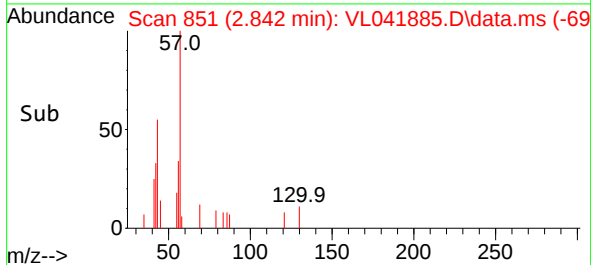
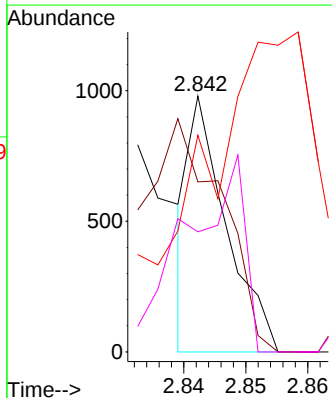
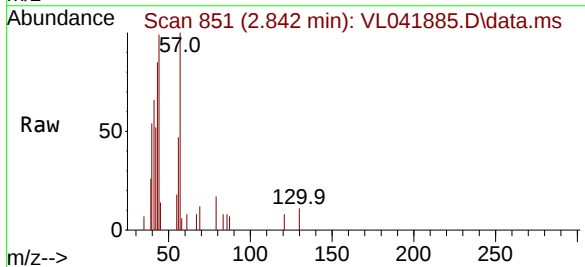
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

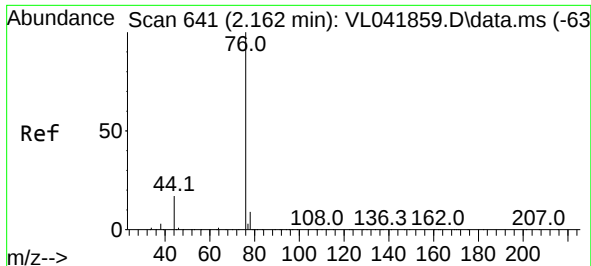
Tgt Ion: 43 Resp: 1392
Ion Ratio Lower Upper
43 100
45 19.7 8.4 12.6#
61 8.0 7.3 10.9
70 13.1 7.0 10.6#



#26
Hexane
Concen: 0.022 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 57 Resp: 409
Ion Ratio Lower Upper
57 100
41 258.9 71.5 107.3#
43 494.1 200.2 300.4#
56 166.7 42.2 63.4#





#27

Carbon Disulfide

Concen: 0.038 ppbv

RT: 2.159 min Scan# 641

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

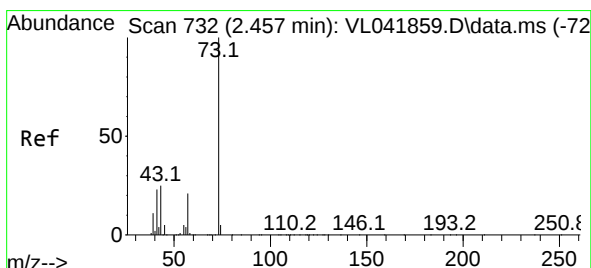
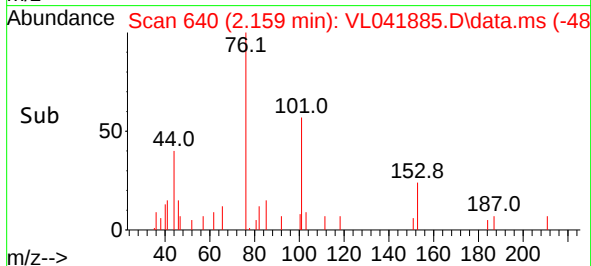
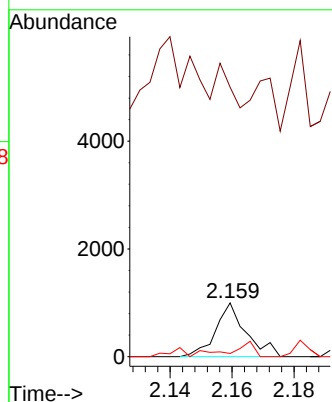
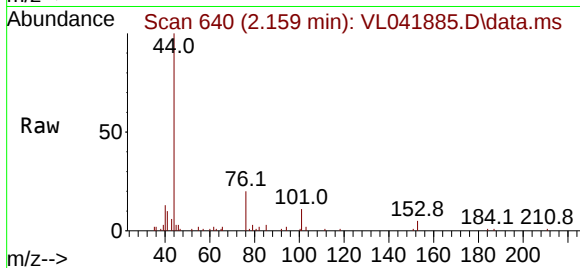
Tgt Ion: 76 Resp: 674

Ion Ratio Lower Upper

76 100

44 1895.4 13.1 19.7#

78 30.7 9.5 14.3#



#28

Methyl tert-Butyl Ether

Concen: 0.011 ppbv

RT: 2.451 min Scan# 730

Delta R.T. -0.006 min

Lab File: VL041885.D

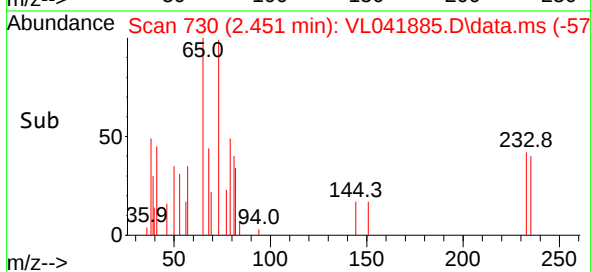
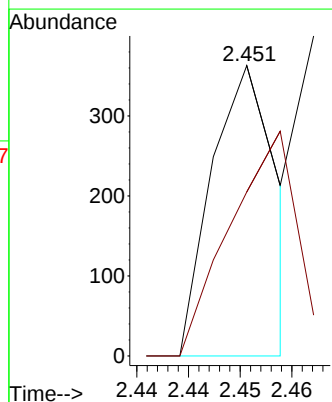
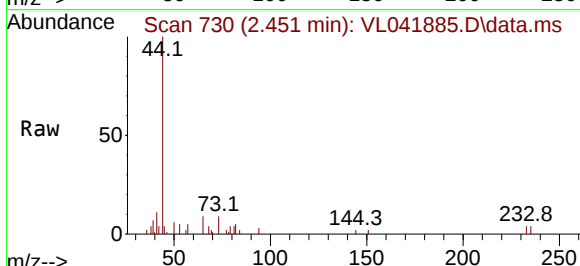
Acq: 10 Jan 2025 01:18

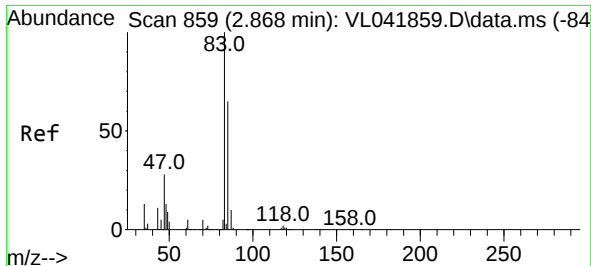
Tgt Ion: 73 Resp: 160

Ion Ratio Lower Upper

73 100

57 80.0 17.5 26.3#





#29

Chloroform

Concen: 0.030 ppbv

RT: 2.858 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

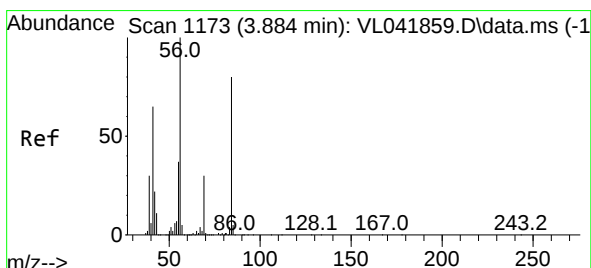
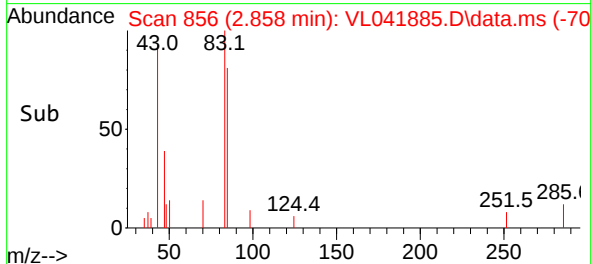
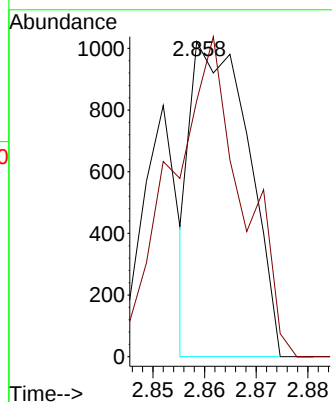
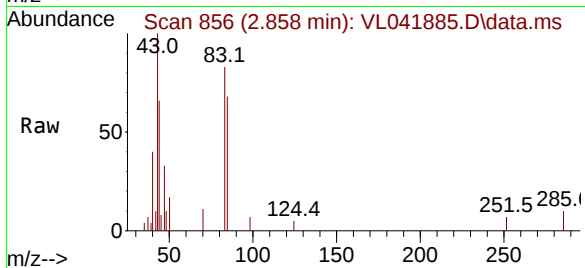
MDL 0.03

Tgt Ion: 83 Resp: 786

Ion Ratio Lower Upper

83 100

85 73.9 51.7 77.5



#30

Cyclohexane

Concen: 0.028 ppbv

RT: 3.875 min Scan# 1170

Delta R.T. -0.010 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

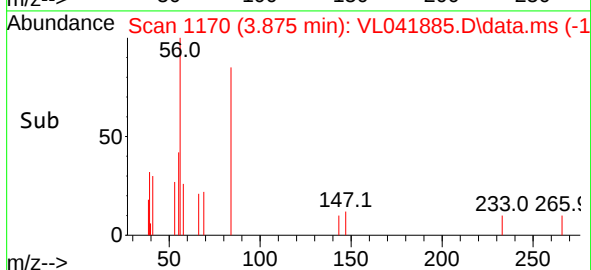
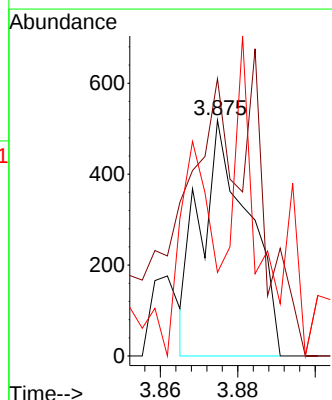
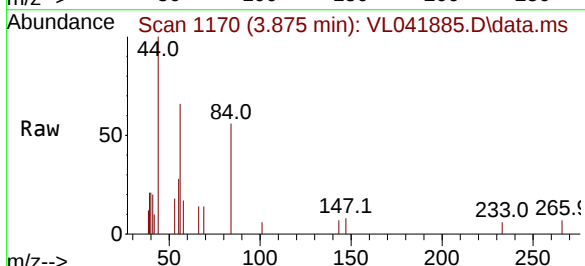
Tgt Ion: 84 Resp: 448

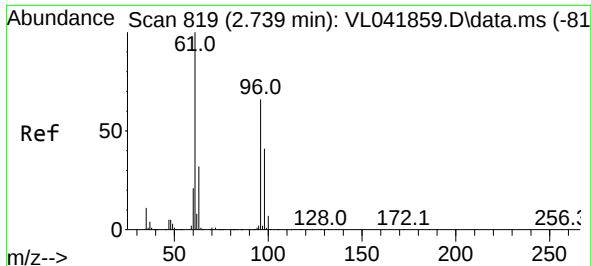
Ion Ratio Lower Upper

84 100

56 199.3 100.7 151.1#

41 180.4 62.8 94.2#

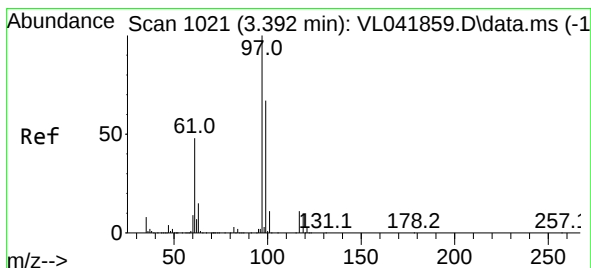
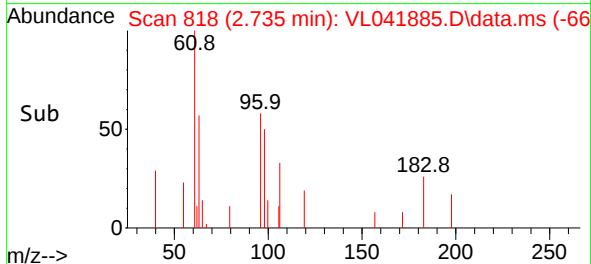
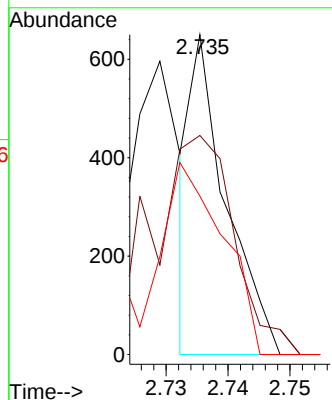
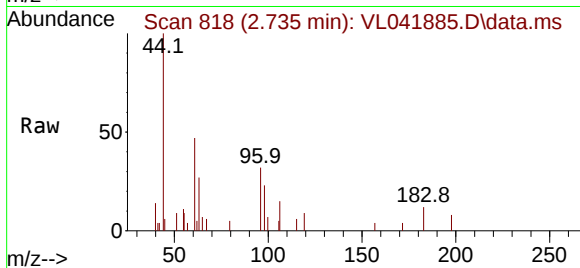




#31
 cis-1,2-Dichloroethene
 Concen: 0.014 ppbv
 RT: 2.735 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

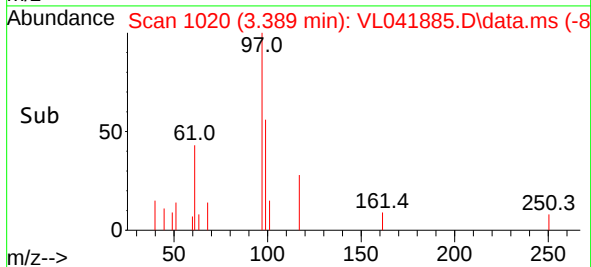
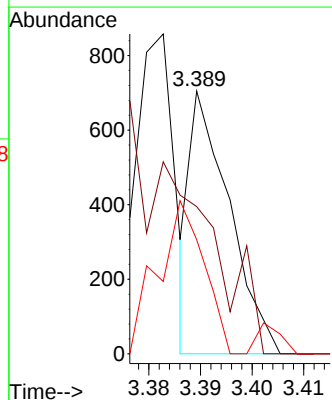
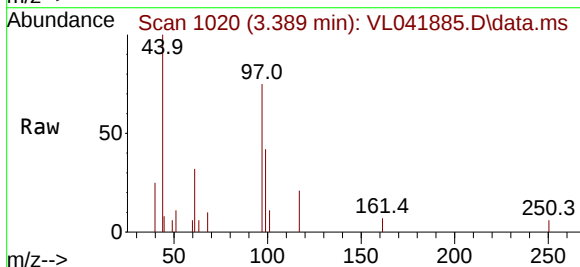
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

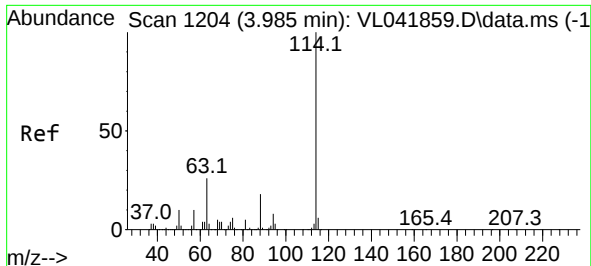
Tgt Ion:	61	Resp:	256
Ion	Ratio	Lower	Upper
61	100		
96	60.6	53.2	79.8
98	49.5	32.5	48.7#



#32
 1,1,1-Trichloroethane
 Concen: 0.014 ppbv
 RT: 3.389 min Scan# 1020
 Delta R.T. -0.003 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion:	97	Resp:	374
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	90.1	38.8	58.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.978 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

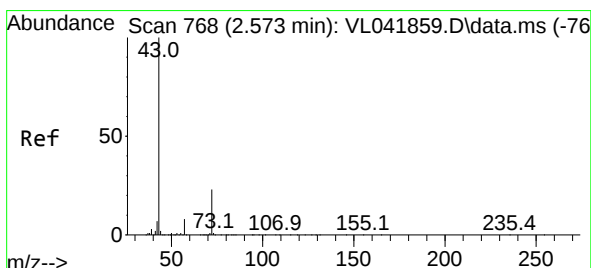
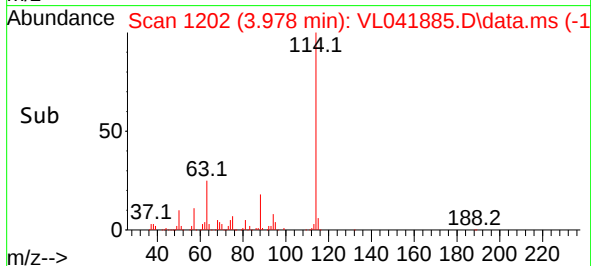
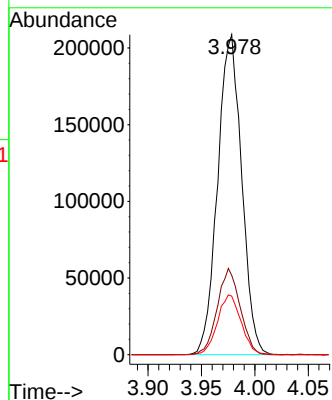
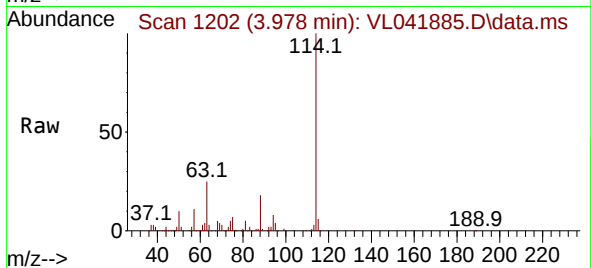
Tgt Ion:114 Resp: 326190

Ion Ratio Lower Upper

114 100

63 25.8 20.3 30.5

88 18.3 14.6 21.8



#34

2-Butanone

Concen: 0.069 ppbv

RT: 2.577 min Scan# 769

Delta R.T. 0.003 min

Lab File: VL041885.D

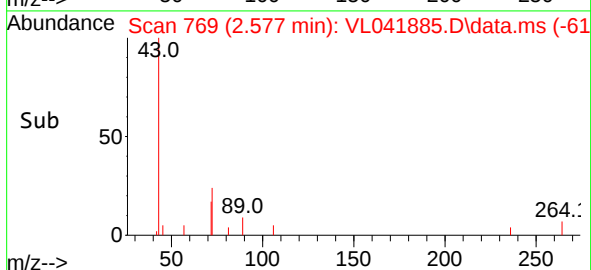
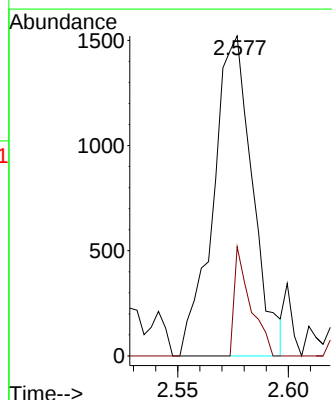
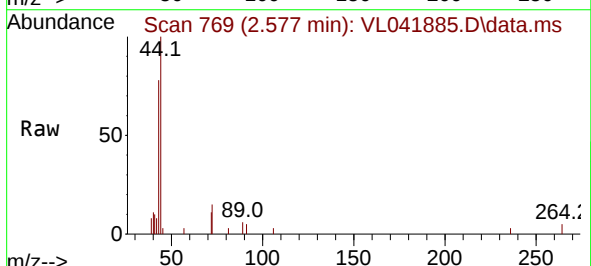
Acq: 10 Jan 2025 01:18

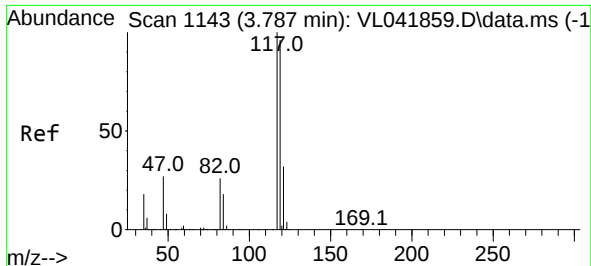
Tgt Ion: 43 Resp: 1881

Ion Ratio Lower Upper

43 100

72 14.0 18.5 27.7#

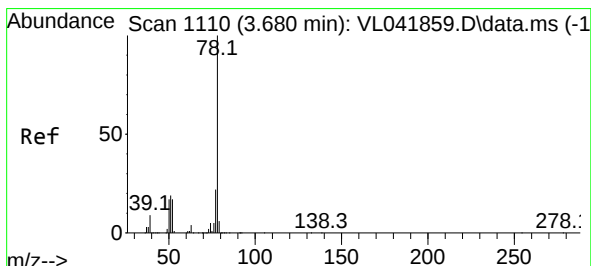
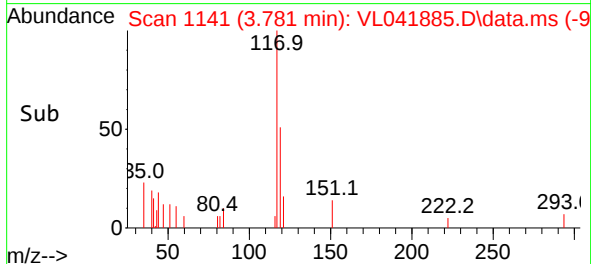
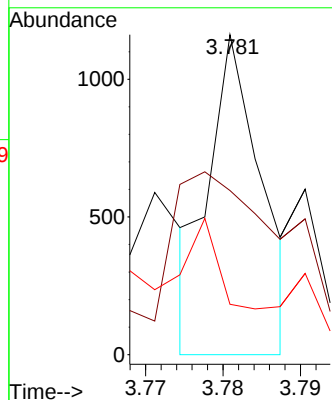
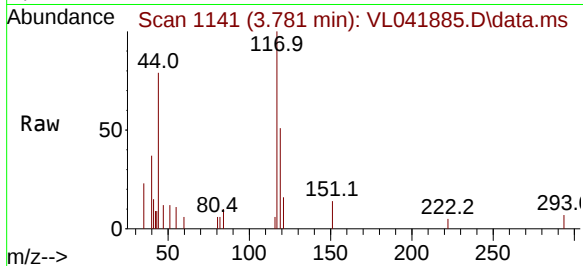




#35
Carbon Tetrachloride
Concen: 0.021 ppbv
RT: 3.781 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

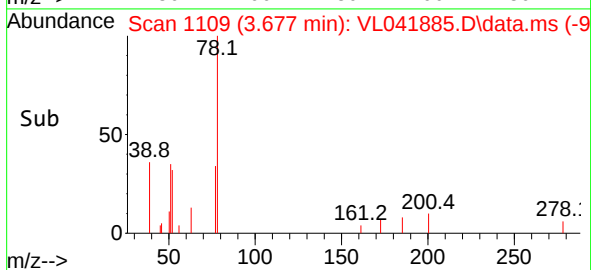
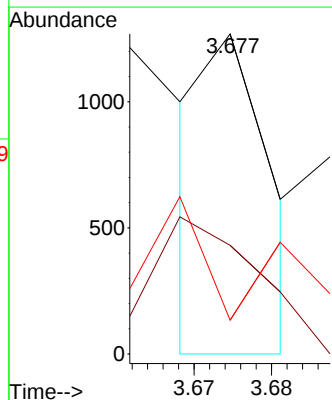
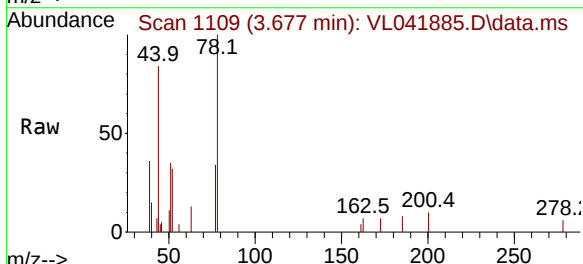
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

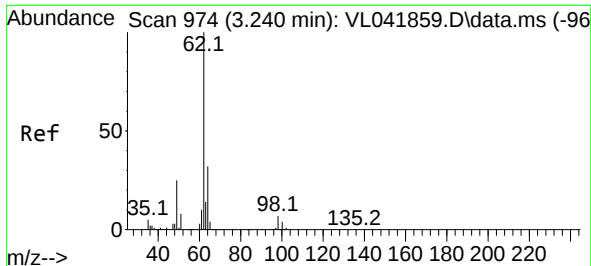
Tgt Ion:117 Resp: 544
Ion Ratio Lower Upper
117 100
119 24.0 76.9 115.3#
121 1.2 25.9 38.9#



#36
Benzene
Concen: 0.010 ppbv
RT: 3.677 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 78 Resp: 365
Ion Ratio Lower Upper
78 100
77 28.2 17.9 26.9#
50 0.0 13.7 20.5#

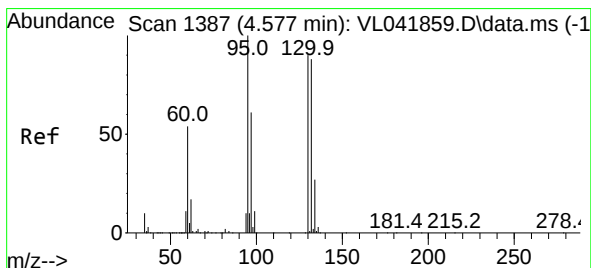
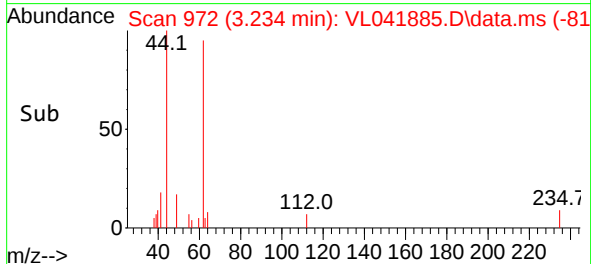
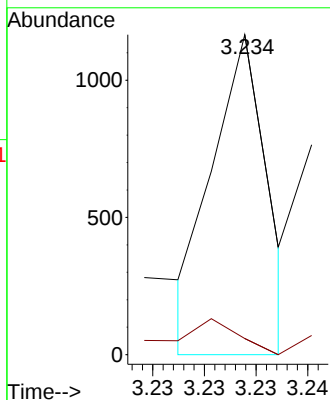
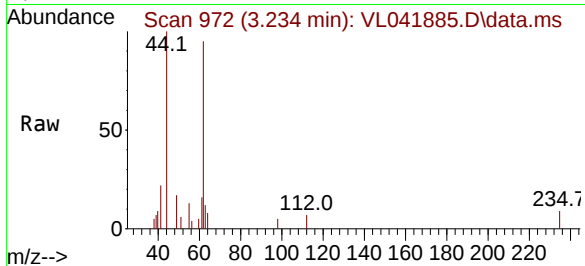




#37
1,2-Dichloroethane
Concen: 0.022 ppbv
RT: 3.234 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

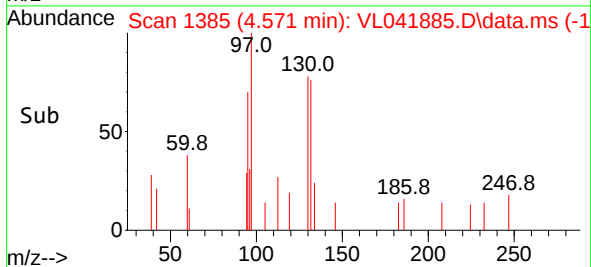
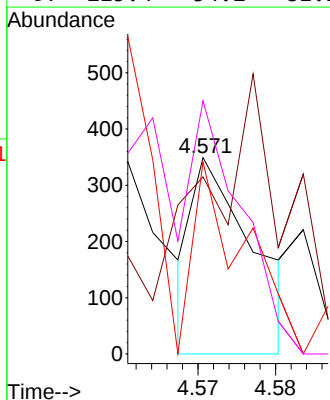
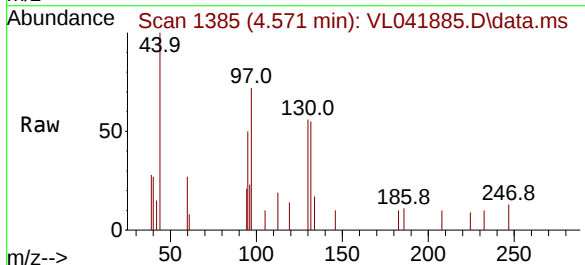
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

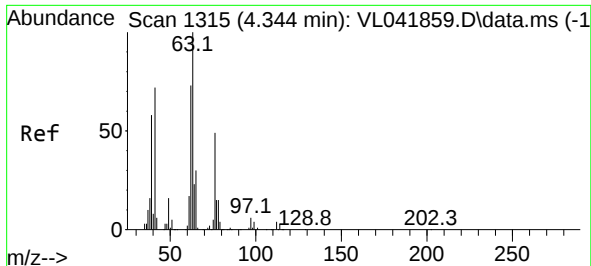
Tgt Ion: 62 Resp: 432
Ion Ratio Lower Upper
62 100
98 16.2 5.6 8.4#



#38
Trichloroethene
Concen: 0.013 ppbv
RT: 4.571 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion:130 Resp: 187
Ion Ratio Lower Upper
130 100
95 69.2 88.5 132.7#
132 187.4 78.2 117.2#
97 215.4 54.2 81.2#





#39

1,2-Dichloropropane

Concen: 6.241 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.369 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

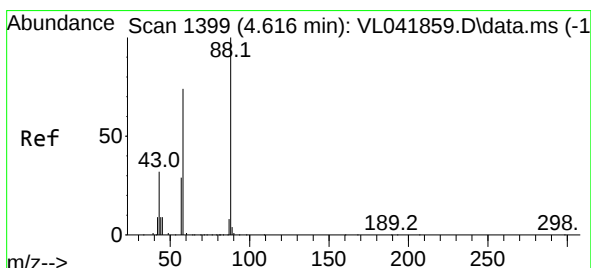
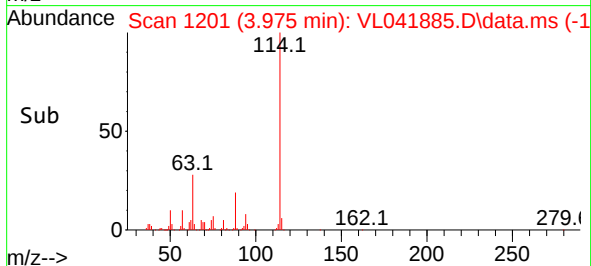
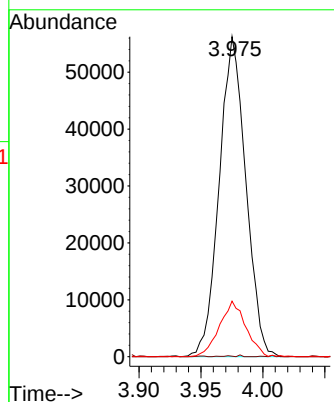
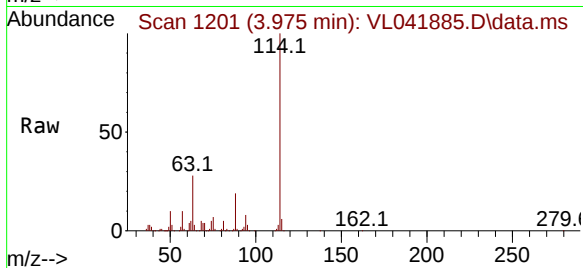
Tgt Ion: 63 Resp: 84020

Ion Ratio Lower Upper

63 100

41 0.1 58.0 87.0#

62 17.4 58.6 87.8#



#40

1,4-Dioxane

Concen: 0.009 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.029 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Tgt Ion: 88 Resp: 63

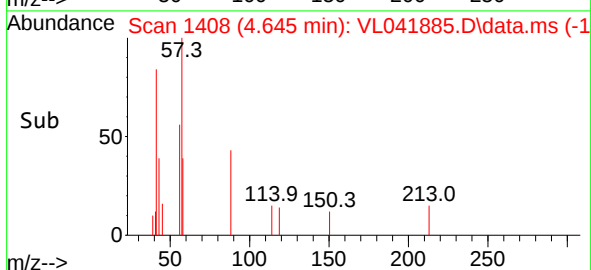
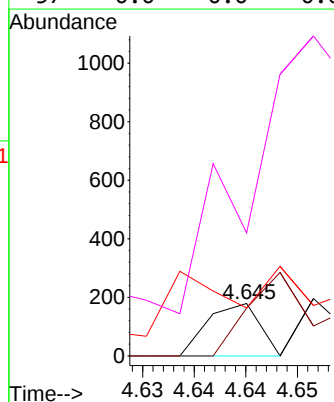
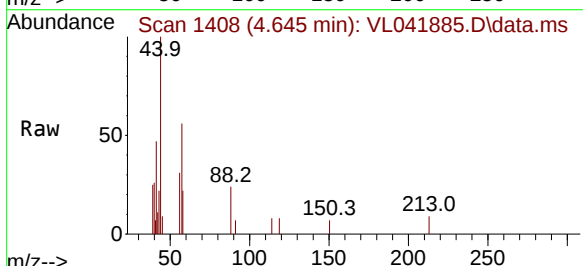
Ion Ratio Lower Upper

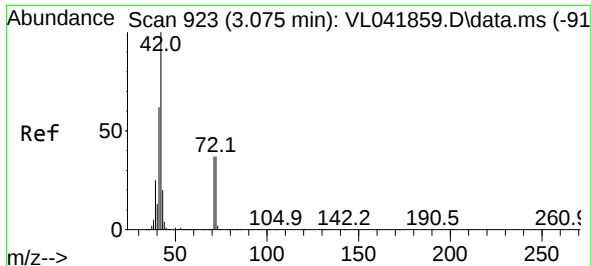
88 100

58 0.0 52.2 78.4#

43 341.3 0.0 0.0#

57 0.0 0.0 0.0

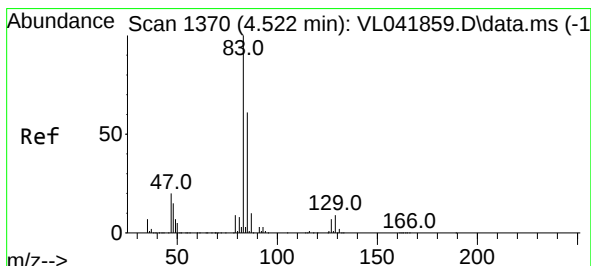
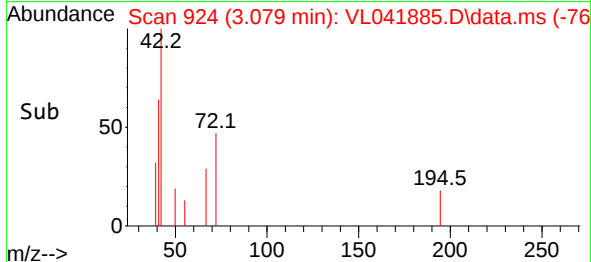
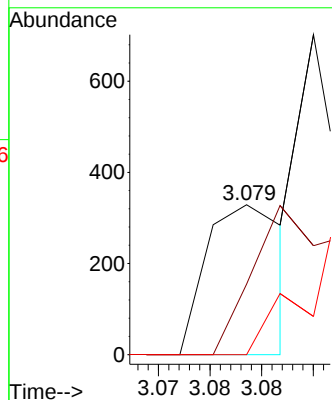
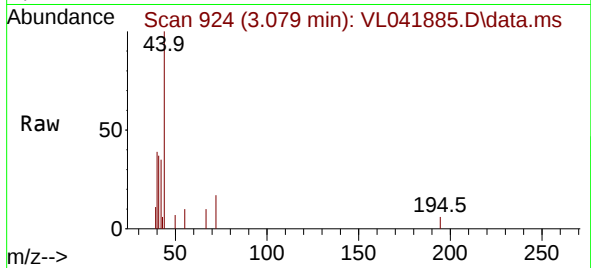




#41
Tetrahydrofuran
Concen: 0.011 ppbv
RT: 3.079 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

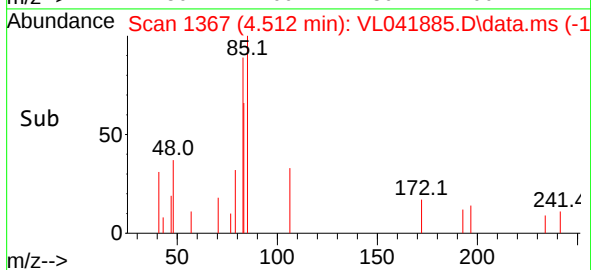
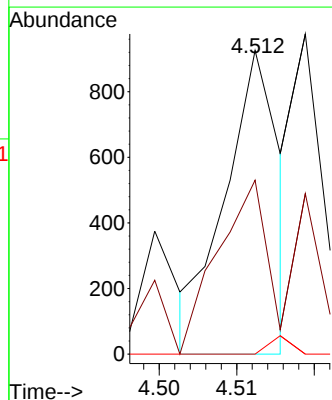
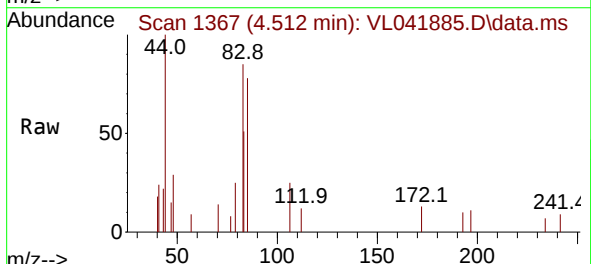
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

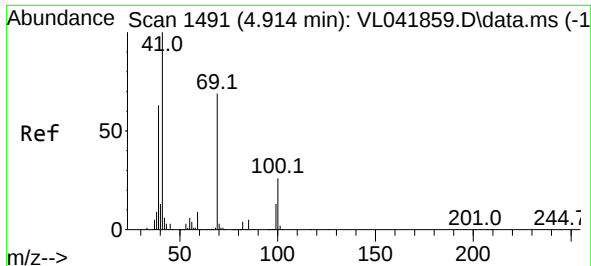
Tgt Ion: 42 Resp: 175
Ion Ratio Lower Upper
42 100
72 0.0 30.8 46.2#
71 0.0 30.1 45.1#



#42
Bromodichloromethane
Concen: 0.017 ppbv
RT: 4.512 min Scan# 1367
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 83 Resp: 453
Ion Ratio Lower Upper
83 100
85 71.9 48.9 73.3
127 0.0 5.4 8.2#

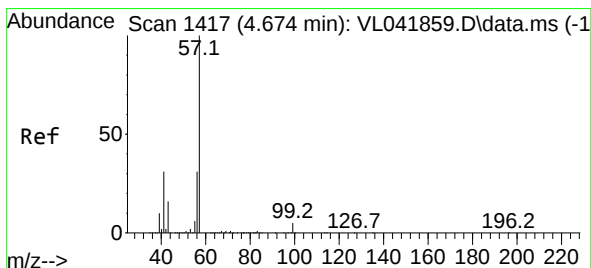
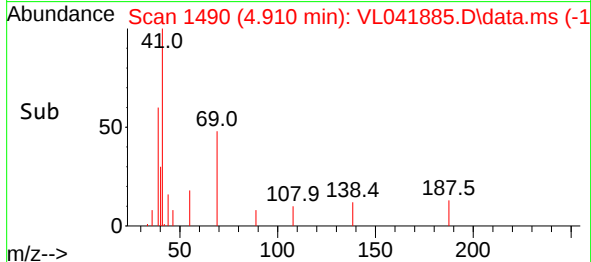
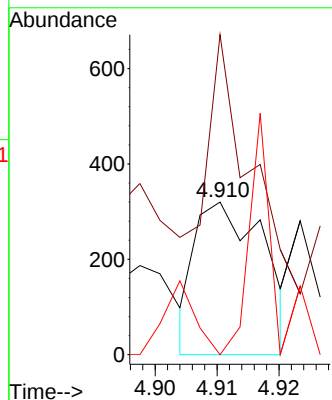
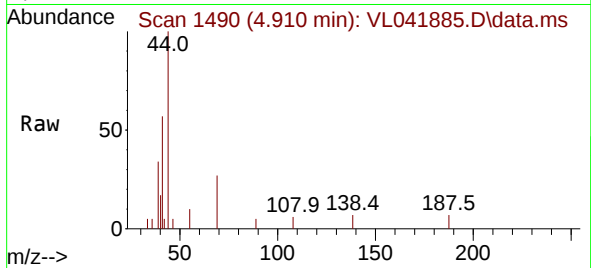




#43
Methyl Methacrylate
Concen: 0.016 ppbv
RT: 4.910 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

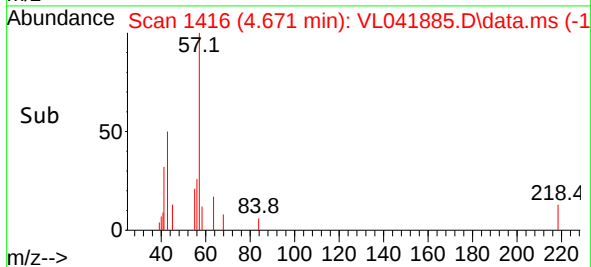
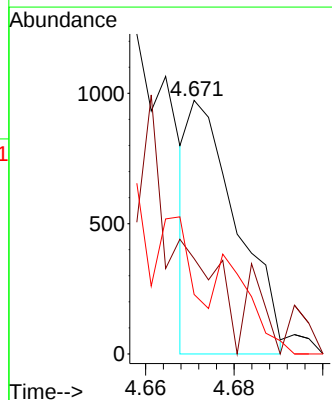
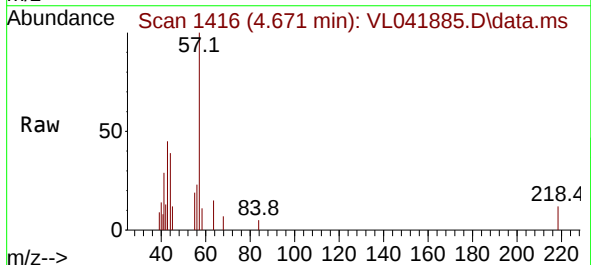
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

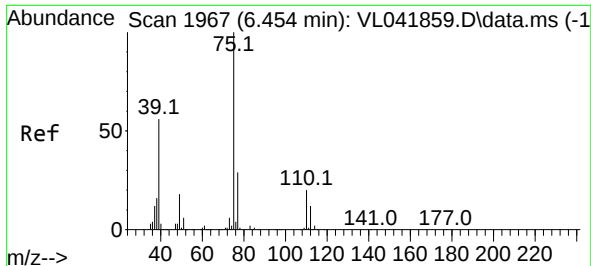
Tgt Ion: 69 Resp: 247
Ion Ratio Lower Upper
69 100
41 378.1 116.2 174.4#
100 0.0 29.8 44.8#



#44
2,2,4-Trimethylpentane
Concen: 0.012 ppbv
RT: 4.671 min Scan# 1416
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 57 Resp: 741
Ion Ratio Lower Upper
57 100
41 0.0 25.5 38.3#
56 0.0 25.6 38.4#

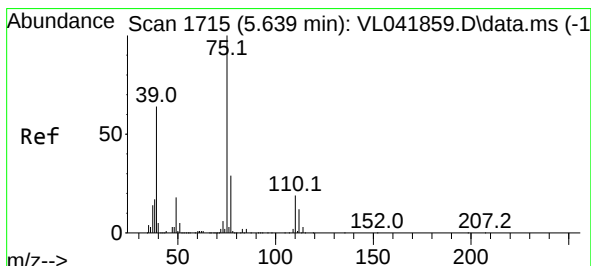
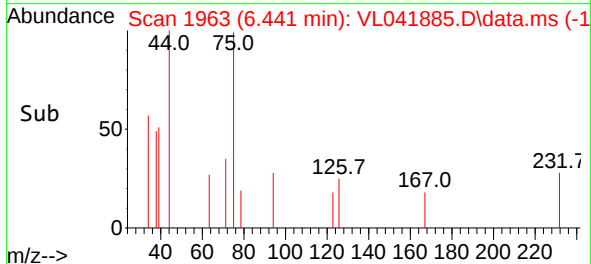
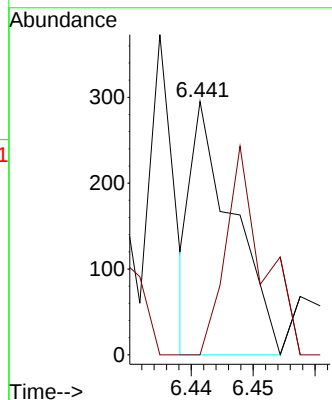
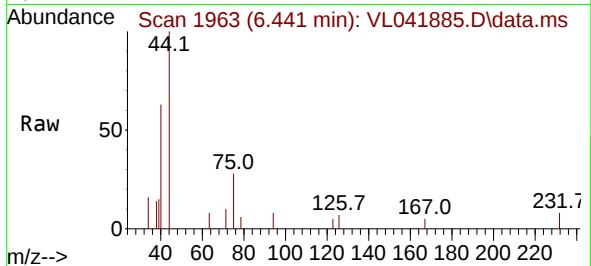




#45
 t-1,3-Dichloropropene
 Concen: 0.009 ppbv
 RT: 6.441 min Scan# 1963
 Delta R.T. -0.013 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

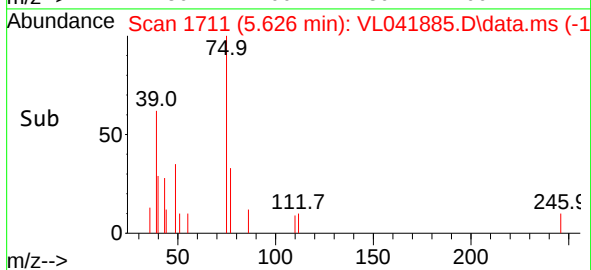
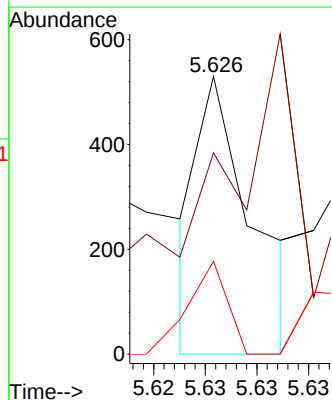
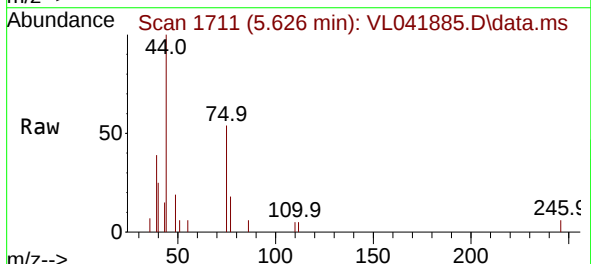
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

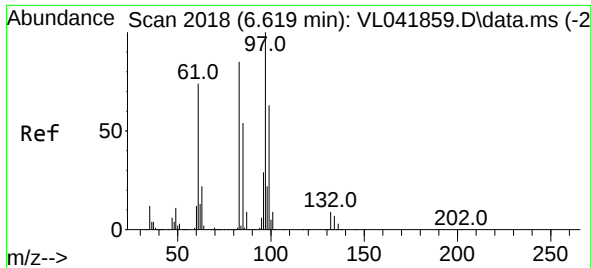
Tgt Ion: 75 Resp: 137
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.4 35.2#



#46
 cis-1,3-Dichloropropene
 Concen: 0.009 ppbv
 RT: 5.626 min Scan# 1711
 Delta R.T. -0.013 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion: 75 Resp: 193
 Ion Ratio Lower Upper
 75 100
 39 63.6 51.4 77.2
 77 56.5 23.0 34.4#

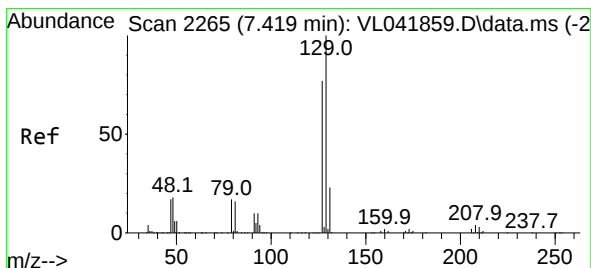
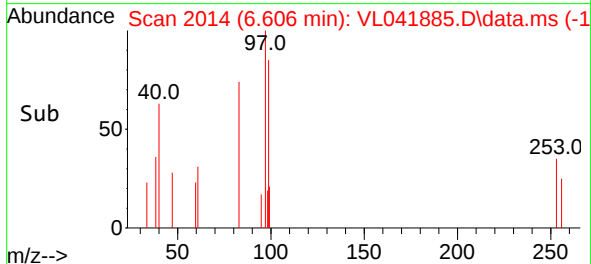
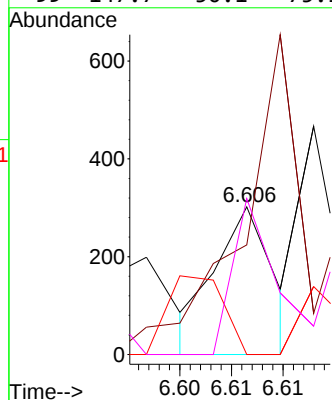
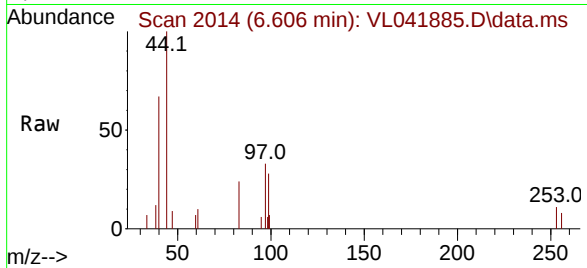




#47
1,1,2-Trichloroethane
Concen: 0.008 ppbv
RT: 6.606 min Scan# 2014
Delta R.T. -0.013 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

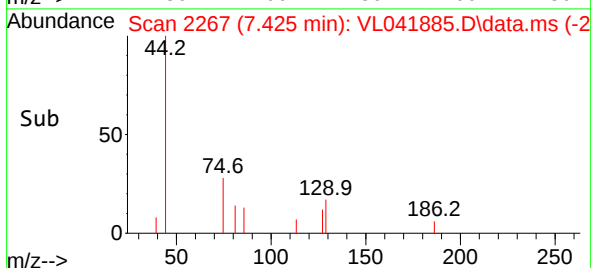
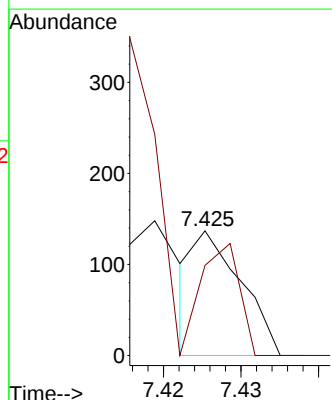
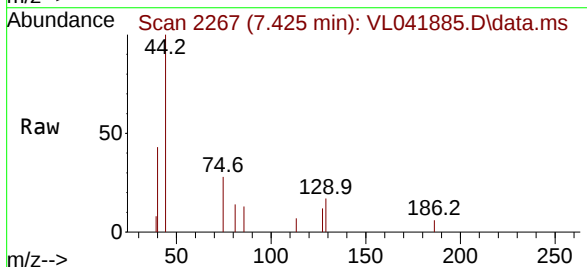
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

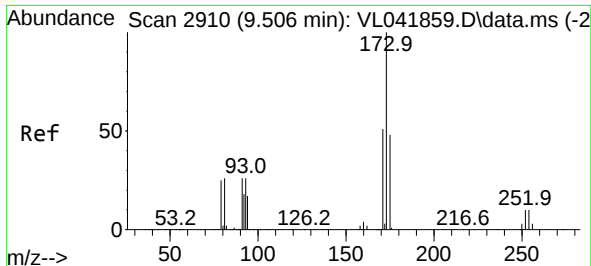
Tgt Ion: 97	Resp: 117
Ion Ratio	Lower Upper
97 100	
83 74.1	68.1 102.1
85 0.0	43.4 65.2#
99 147.7	50.1 75.1#



#48
Dibromochloromethane
Concen: 0.003 ppbv
RT: 7.425 min Scan# 2267
Delta R.T. 0.007 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion:129	Resp:	57	
Ion	Ratio	Lower	Upper
129	100		
127	43.9	39.4	118.1





#49

Bromoform

Concen: 0.017 ppbv

RT: 9.494 min Scan# 2910

Delta R.T. -0.013 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

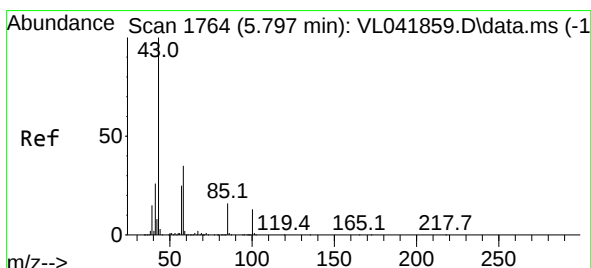
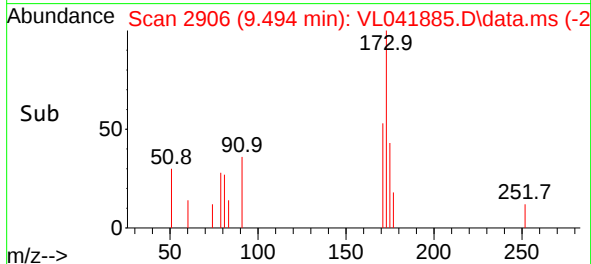
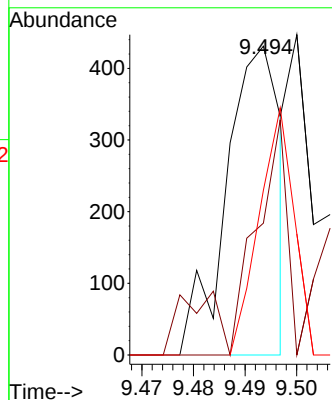
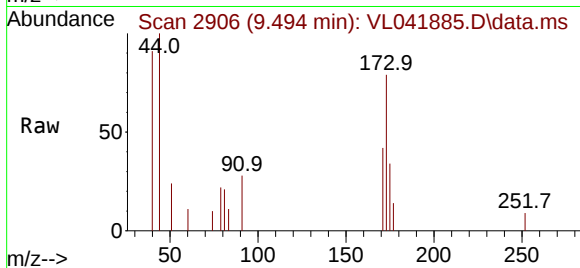
Tgt Ion:173 Resp: 317

Ion Ratio Lower Upper

173 100

175 0.0 38.2 57.2#

171 0.0 41.3 61.9#



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

RT: 5.791 min Scan# 1762

Delta R.T. -0.006 min

Lab File: VL041885.D

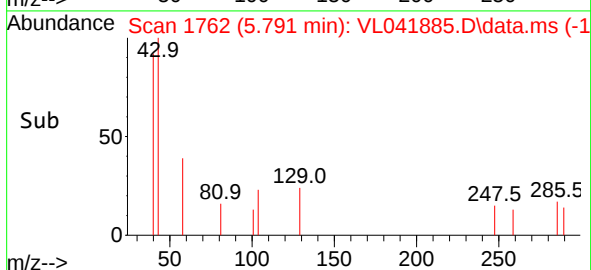
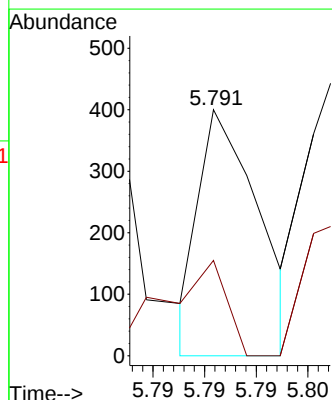
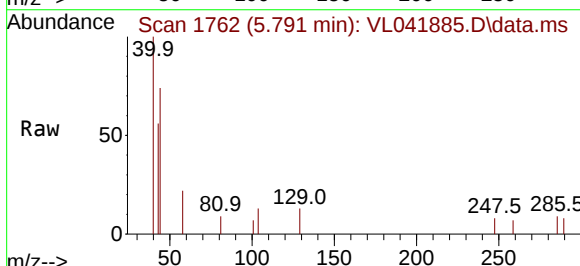
Acq: 10 Jan 2025 01:18

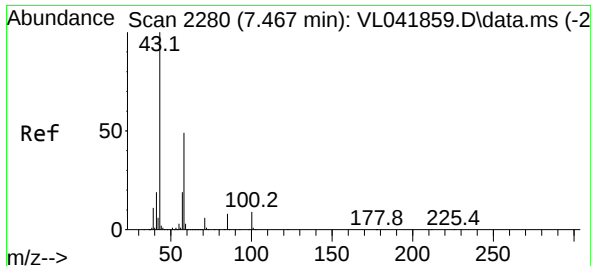
Tgt Ion: 43 Resp: 162

Ion Ratio Lower Upper

43 100

58 0.0 29.4 44.2#

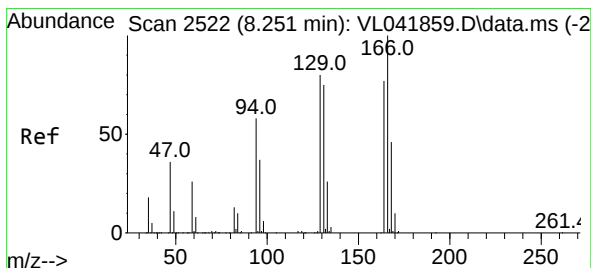
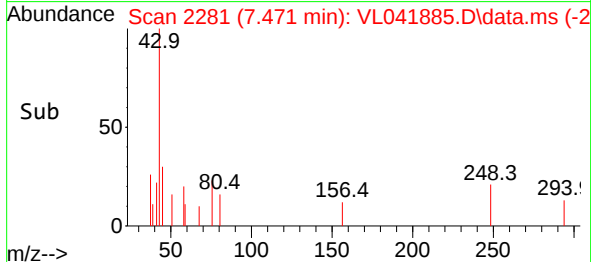
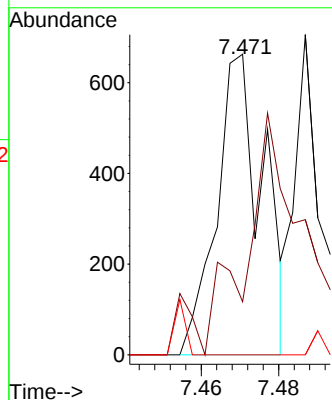
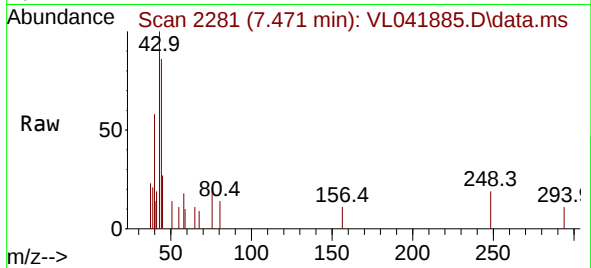




#51
2-Hexanone
Concen: 0.017 ppbv
RT: 7.471 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

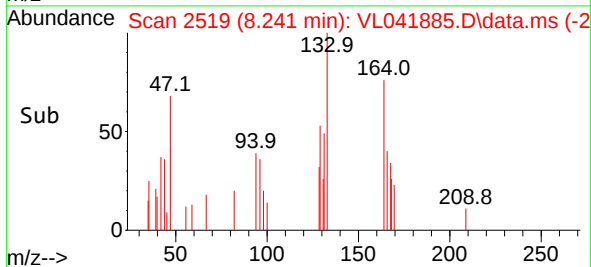
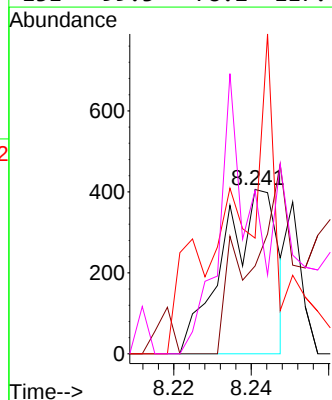
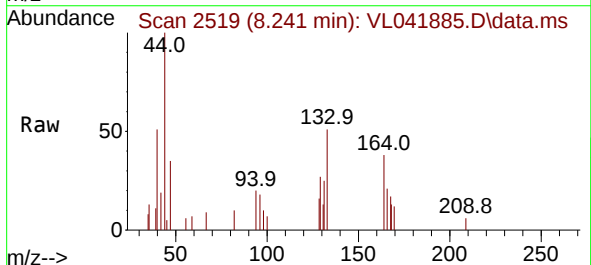
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

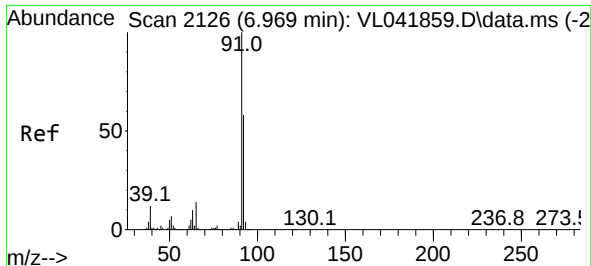
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 106.9 40.0 60.0#
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.027 ppbv
RT: 8.241 min Scan# 2519
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 164 Resp: 392
Ion Ratio Lower Upper
164 100
166 53.4 103.6 155.4#
129 44.1 82.6 123.8#
131 99.3 78.2 117.4

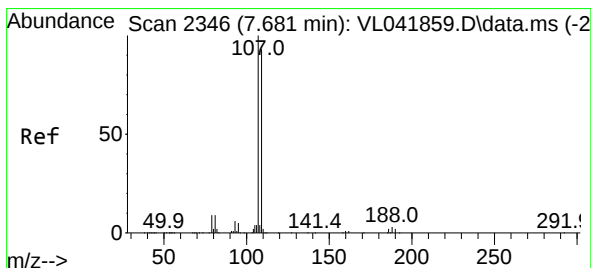
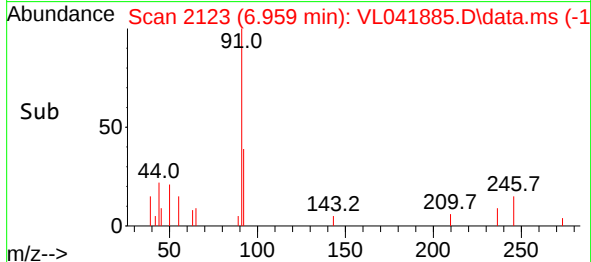
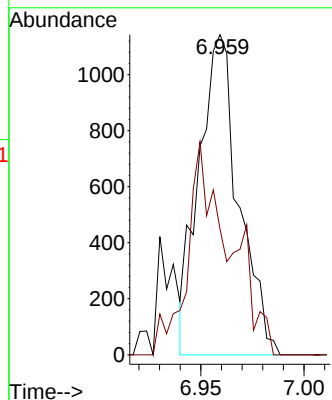
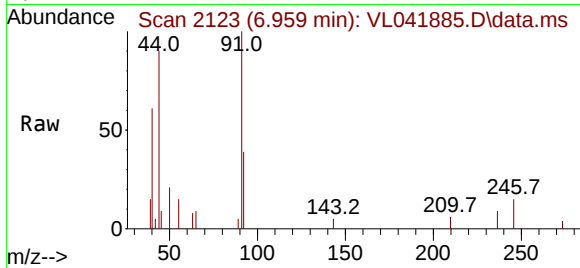




#53
Toluene
Concen: 0.034 ppbv
RT: 6.959 min Scan# 2126
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

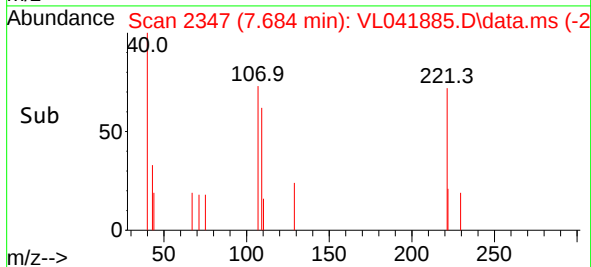
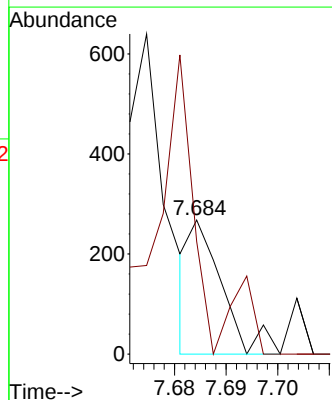
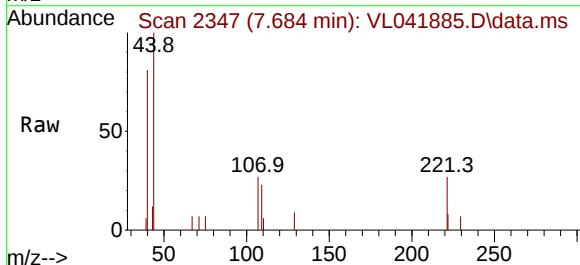
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

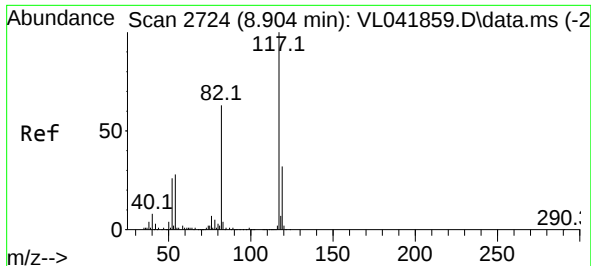
Tgt Ion: 91 Resp: 1540
Ion Ratio Lower Upper
91 100
92 69.9 47.2 70.8



#54
1,2-Dibromoethane
Concen: 0.006 ppbv
RT: 7.684 min Scan# 2347
Delta R.T. 0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 107 Resp: 118
Ion Ratio Lower Upper
107 100
109 84.0 74.6 112.0

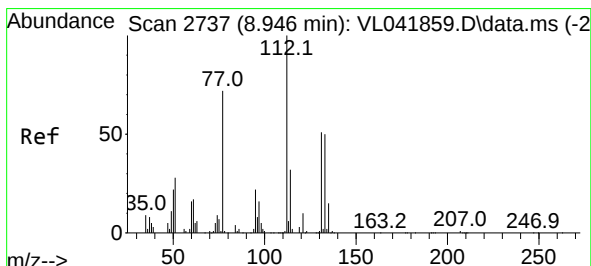
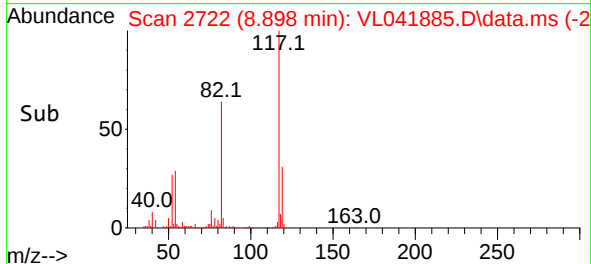
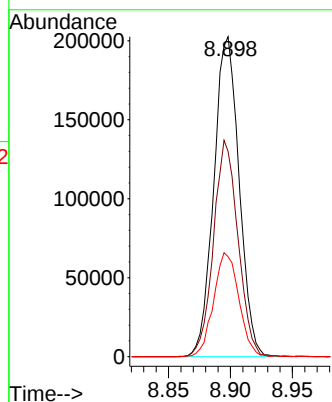
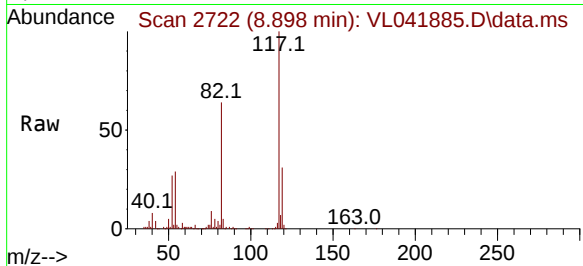




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

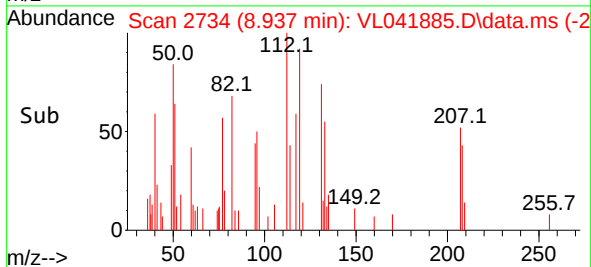
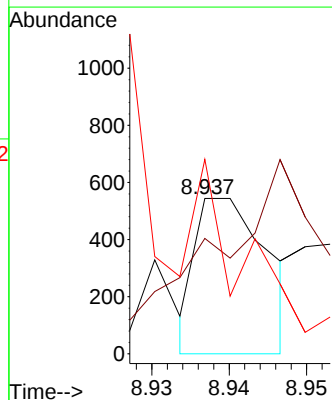
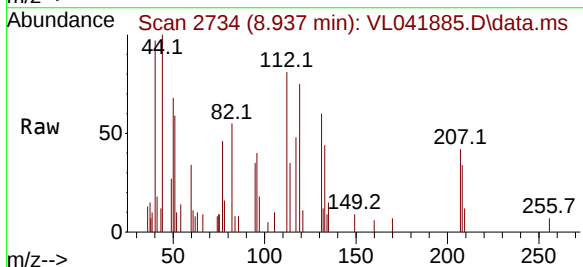
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

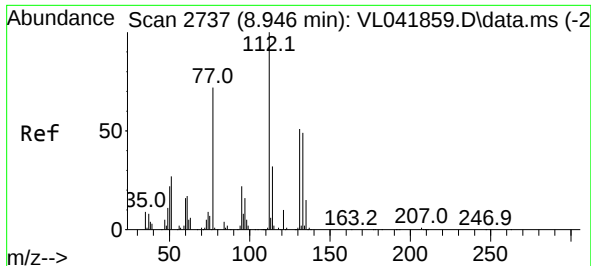
Tgt Ion:117 Resp: 288647
Ion Ratio Lower Upper
117 100
82 65.5 54.5 81.7
119 32.7 24.6 37.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.020 ppbv
RT: 8.937 min Scan# 2734
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion:131 Resp: 352
Ion Ratio Lower Upper
131 100
133 0.0 77.4 116.2#
119 0.0 49.4 74.0#





#57

Chlorobenzene

Concen: 0.014 ppbv

RT: 8.943 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

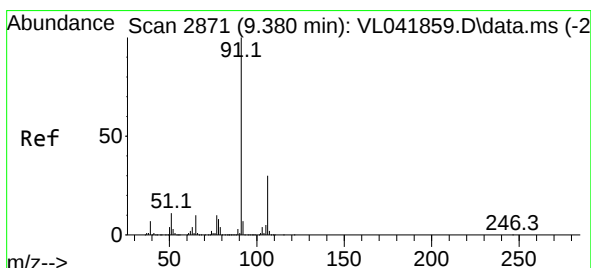
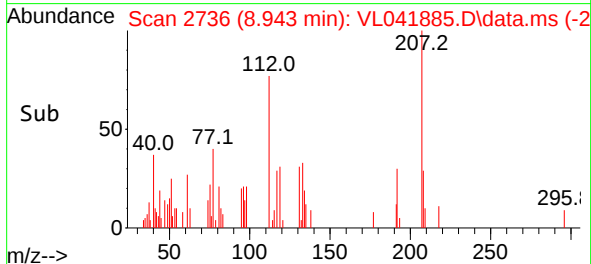
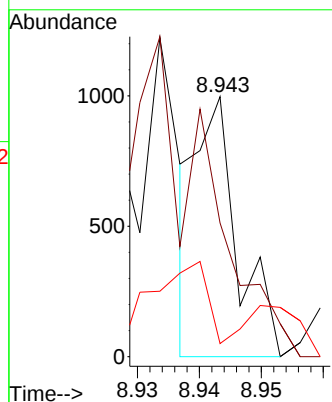
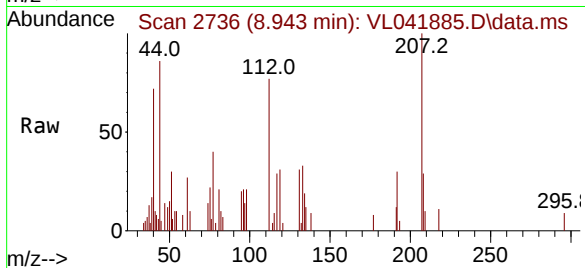
Tgt Ion:112 Resp: 459

Ion Ratio Lower Upper

112 100

77 38.8 58.3 87.5#

114 0.0 28.9 35.3#



#58

Ethyl Benzene

Concen: 0.032 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. -0.016 min

Lab File: VL041885.D

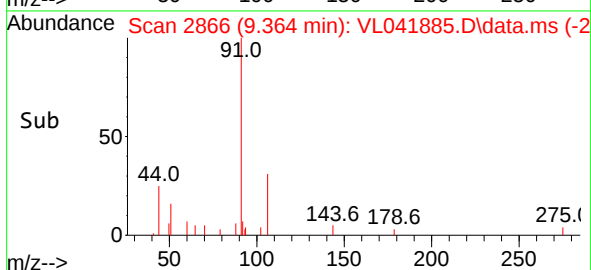
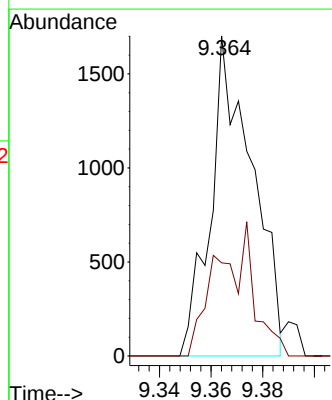
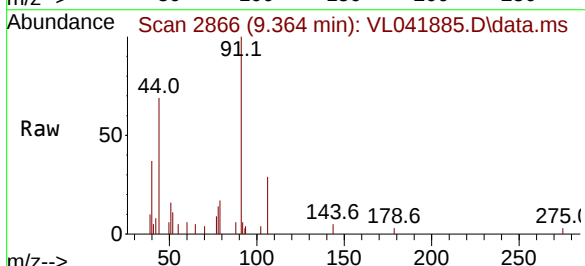
Acq: 10 Jan 2025 01:18

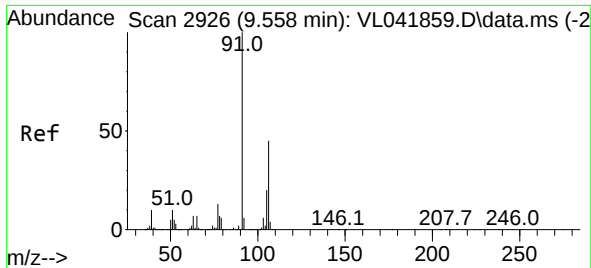
Tgt Ion: 91 Resp: 1900

Ion Ratio Lower Upper

91 100

106 29.1 24.2 36.2





#59

m/p-Xylene

Concen: 0.013 ppbv

RT: 9.552 min Scan# 2926

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

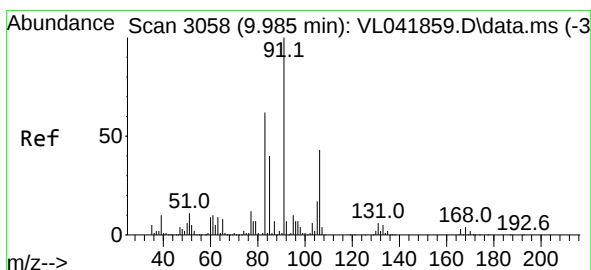
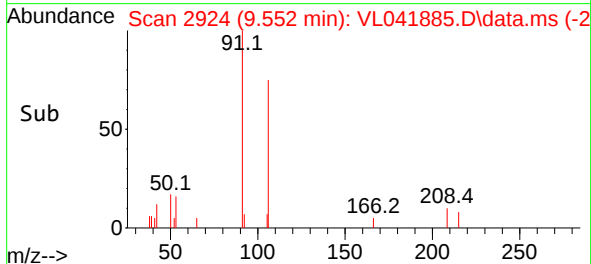
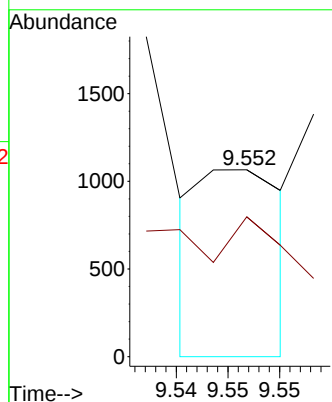
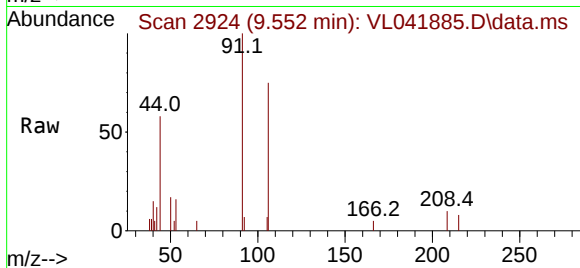
MDL 0.03

Tgt Ion: 91 Resp: 597

Ion Ratio Lower Upper

91 100

106 249.9 0.0 0.0#



#60

o-Xylene

Concen: 0.033 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL041885.D

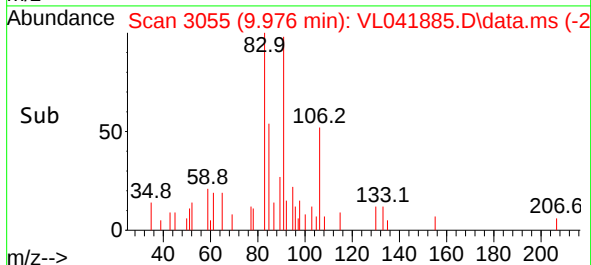
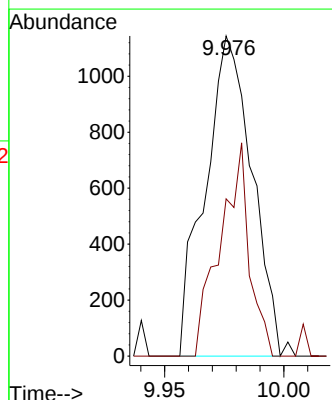
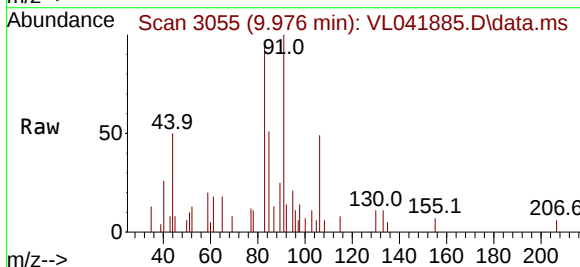
Acq: 10 Jan 2025 01:18

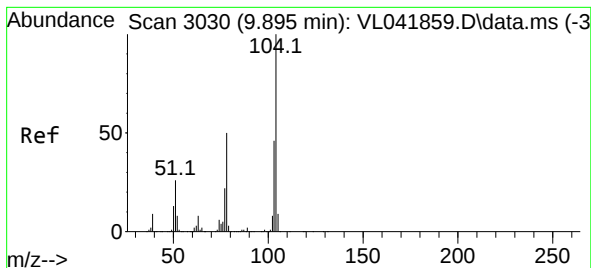
Tgt Ion: 91 Resp: 1561

Ion Ratio Lower Upper

91 100

106 42.9 21.4 64.3





#61

Styrene

Concen: 0.010 ppbv

RT: 9.888 min Scan# 3030

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

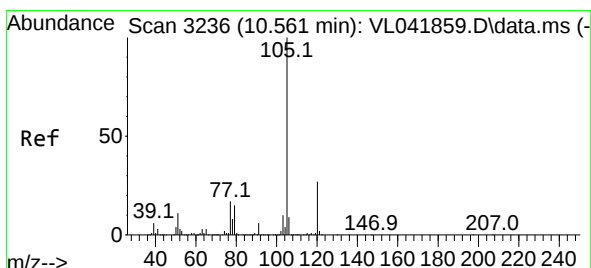
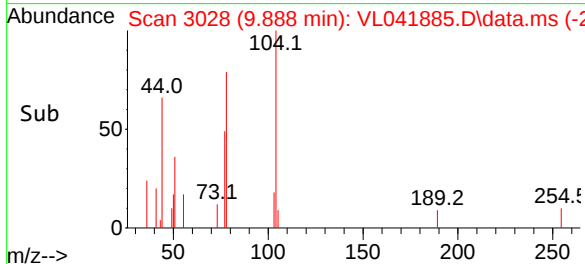
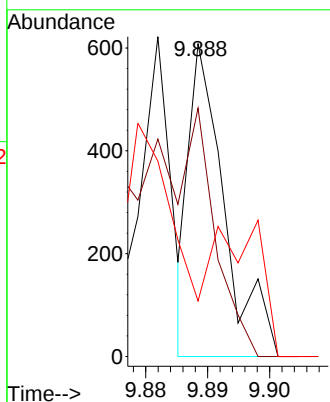
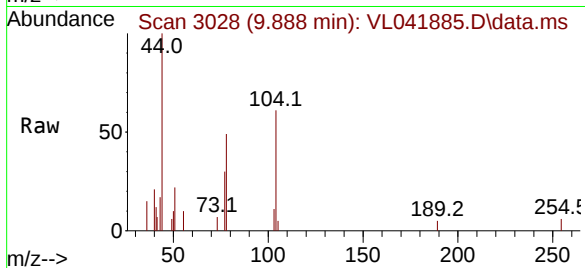
Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion:104	Resp:	238
Ion	Ratio	Lower Upper
104	100	
78	191.6	40.7 61.1#
103	0.0	37.0 55.6#



#62

Isopropylbenzene

Concen: 0.015 ppbv

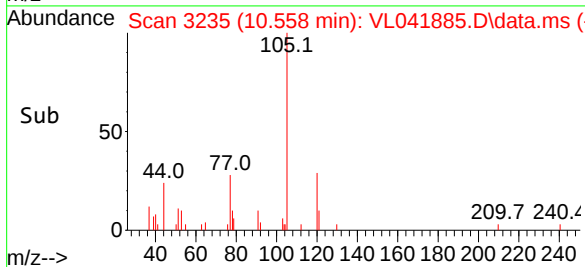
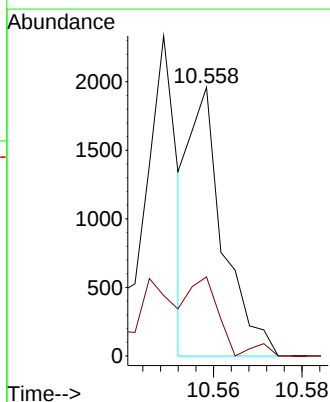
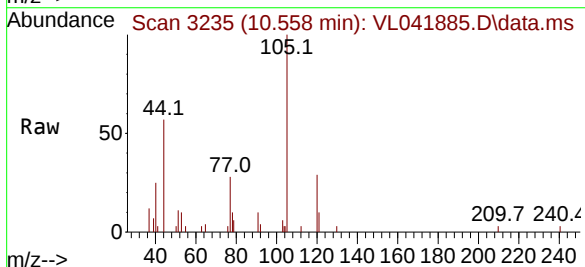
RT: 10.558 min Scan# 3235

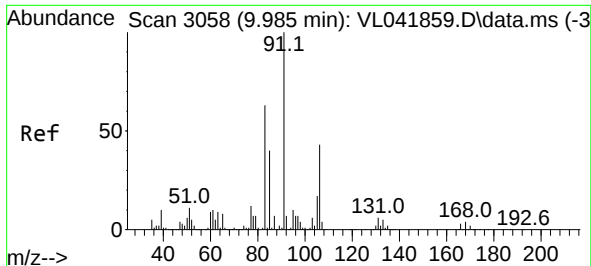
Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Tgt Ion:105	Resp:	1048
Ion	Ratio	Lower Upper
105	100	
120	59.2	20.3 30.5#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.044 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. -0.010 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

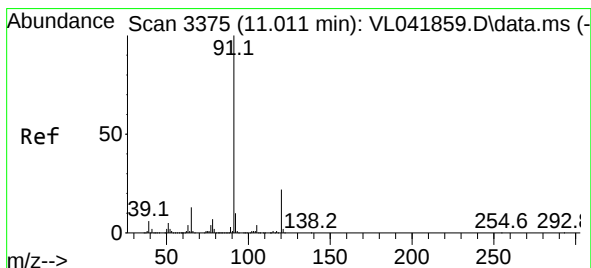
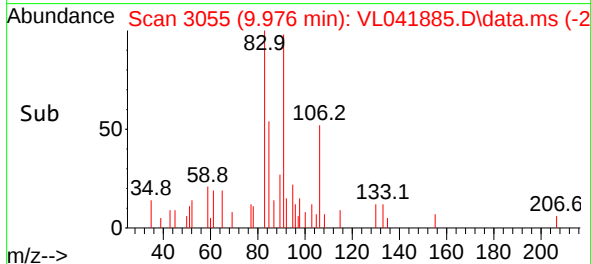
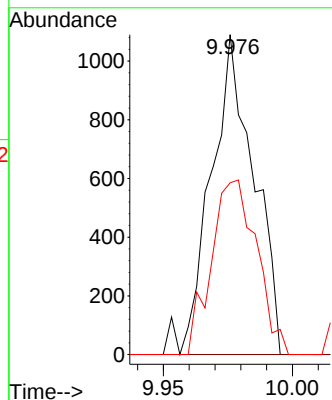
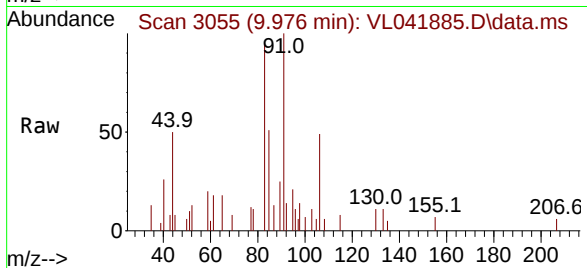
Tgt Ion: 83 Resp: 1239

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 58.6 32.1 96.3



#64

n-propylbenzene

Concen: 0.021 ppbv

RT: 11.005 min Scan# 3373

Delta R.T. -0.006 min

Lab File: VL041885.D

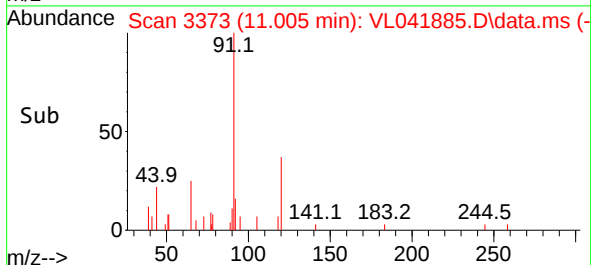
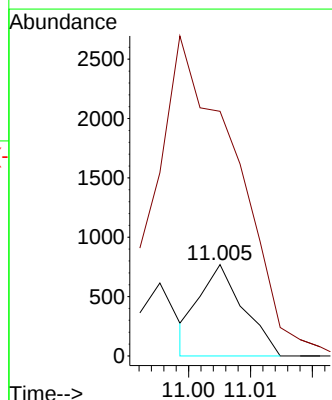
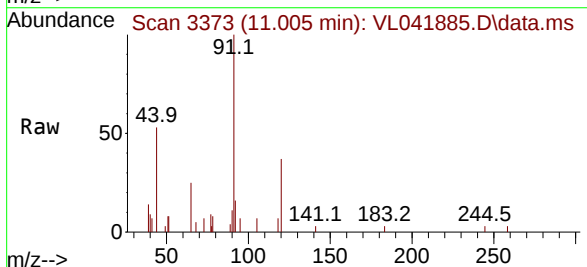
Acq: 10 Jan 2025 01:18

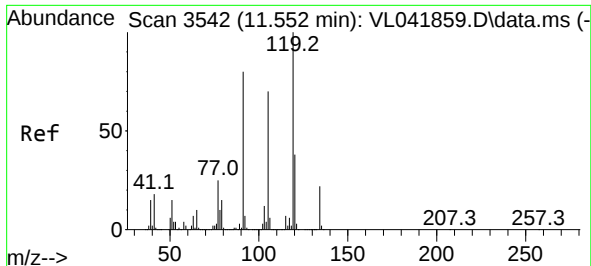
Tgt Ion: 120 Resp: 378

Ion Ratio Lower Upper

120 100

91 0.0 376.9 565.3#

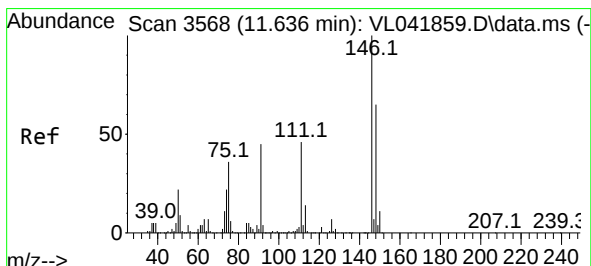
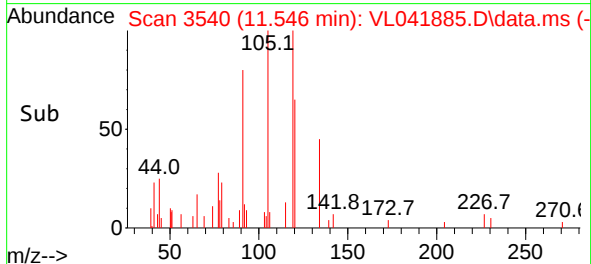
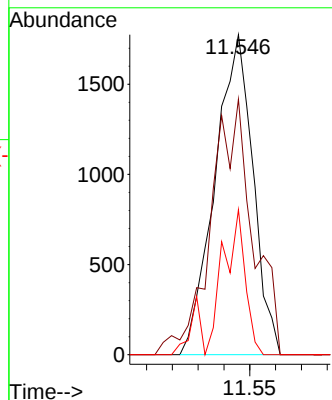
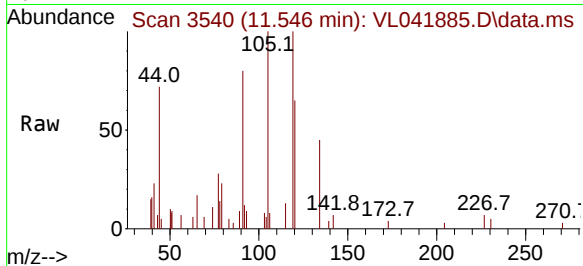




#65
tert-Butylbenzene
Concen: 0.029 ppbv
RT: 11.546 min Scan# 3540
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

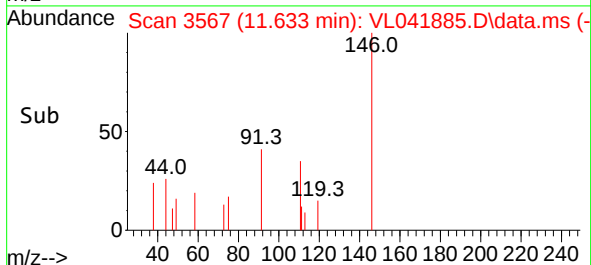
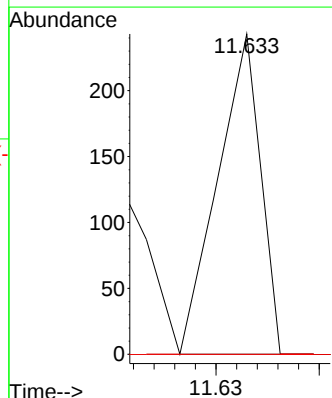
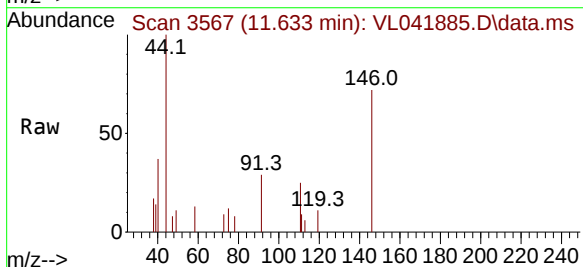
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

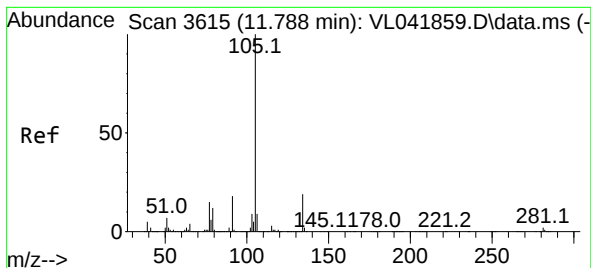
Tgt Ion:119 Resp: 1819
Ion Ratio Lower Upper
119 100
91 87.8 64.6 97.0
134 31.1 16.9 25.3#



#66
Benzyl Chloride
Concen: 0.011 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. -0.003 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 91 Resp: 70
Ion Ratio Lower Upper
91 100
126 0.0 13.9 20.9#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.034 ppbv

RT: 11.779 min Scan# 3

Delta R.T. -0.010 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

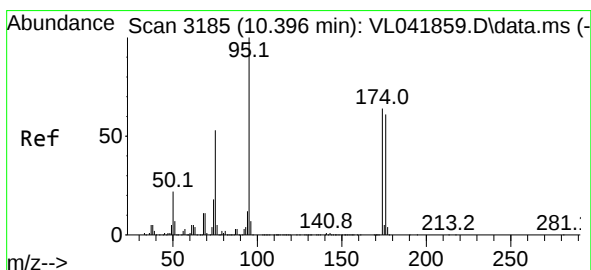
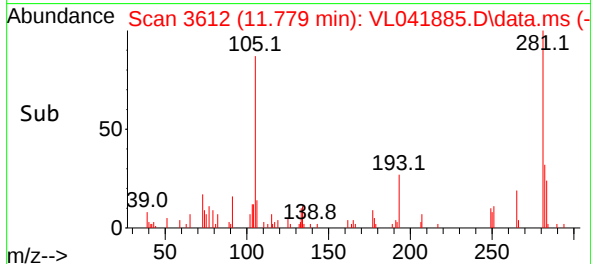
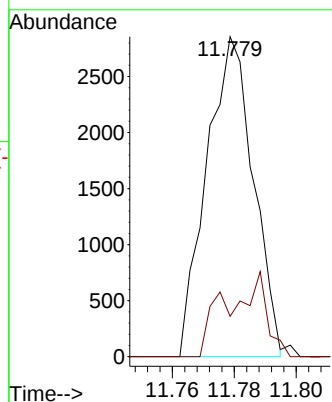
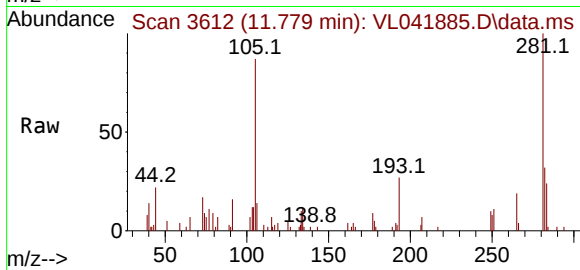
MDL 0.03

Tgt Ion:105 Resp: 2987

Ion Ratio Lower Upper

105 100

134 22.3 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 10.179 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

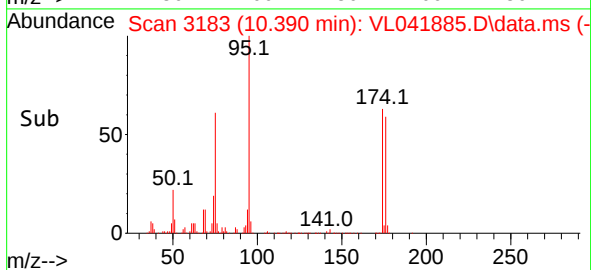
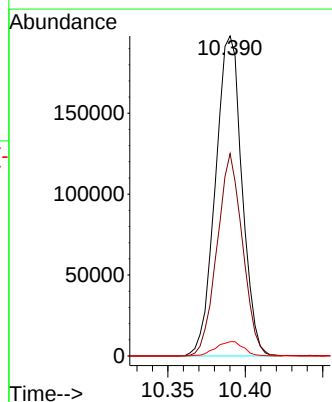
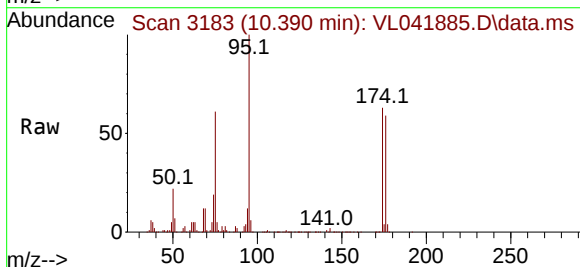
Tgt Ion: 95 Resp: 235590

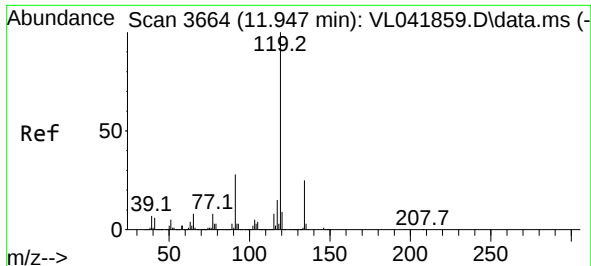
Ion Ratio Lower Upper

95 100

174 61.1 51.1 76.7

175 4.7 3.8 5.8

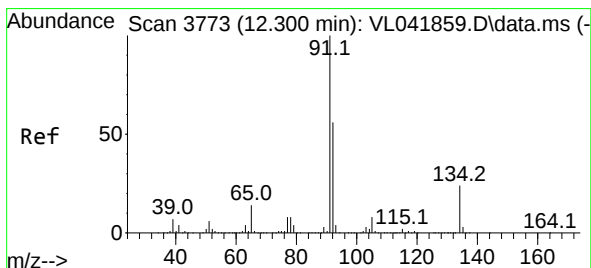
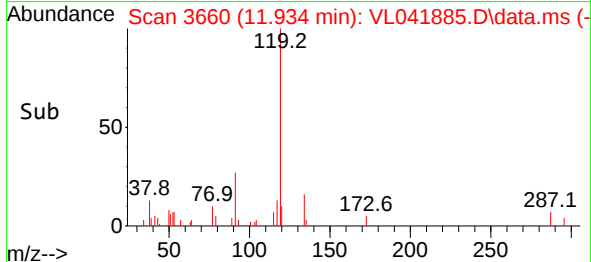
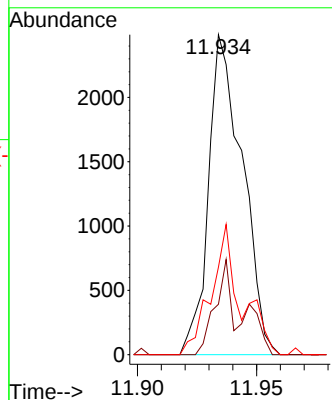
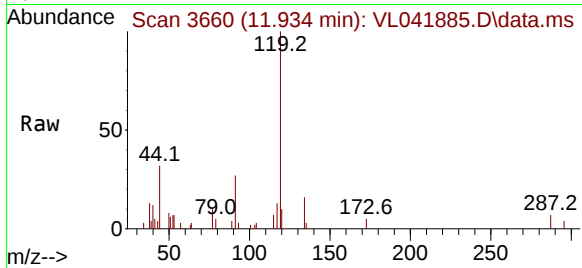




#69
p-Isopropyltoluene
Concen: 0.033 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.013 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

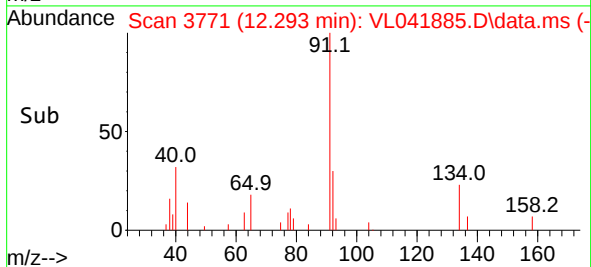
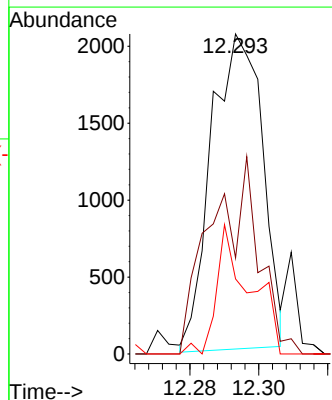
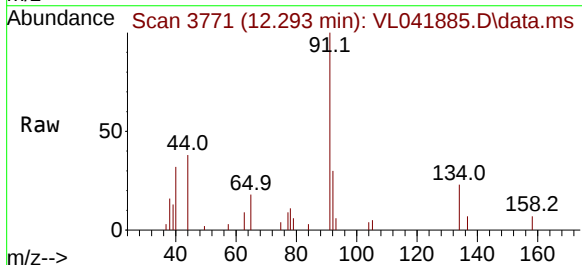
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

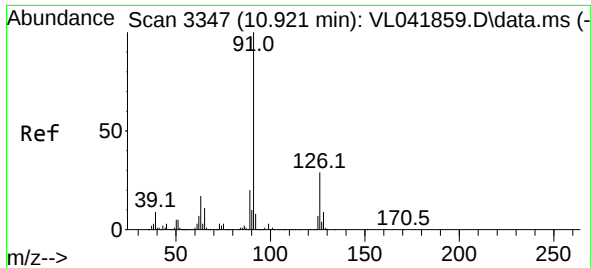
Tgt Ion:119 Resp: 2466
Ion Ratio Lower Upper
119 100
134 22.1 20.3 30.5
91 36.3 22.6 34.0#



#70
n-Butylbenzene
Concen: 0.028 ppbv
RT: 12.293 min Scan# 3771
Delta R.T. -0.006 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 91 Resp: 2118
Ion Ratio Lower Upper
91 100
92 58.3 43.8 65.8
134 26.7 19.3 28.9

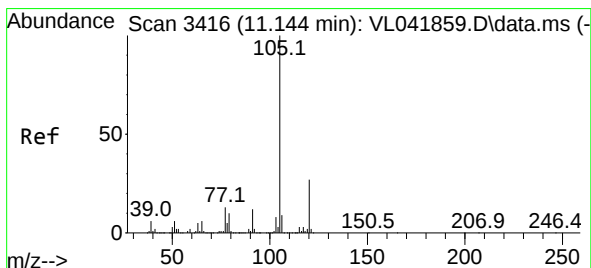
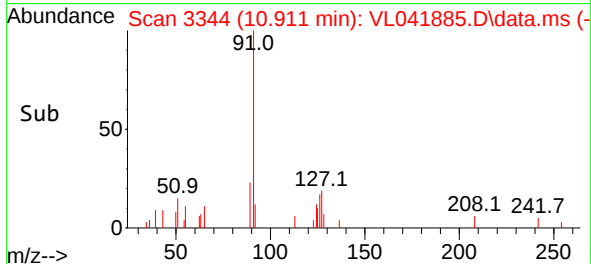
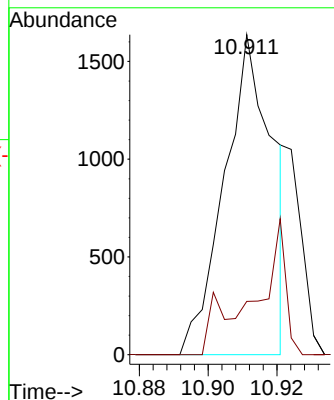
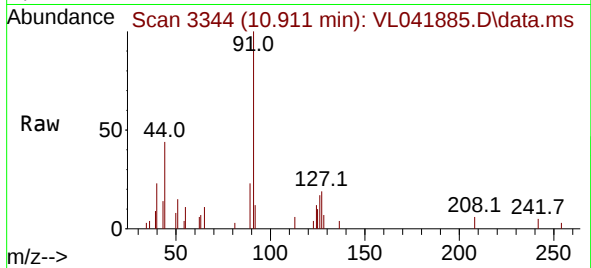




#71
2-Chlorotoluene
Concen: 0.029 ppbv
RT: 10.911 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

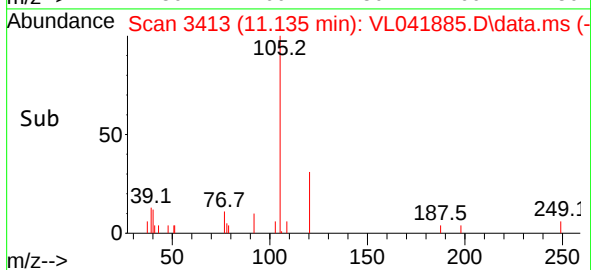
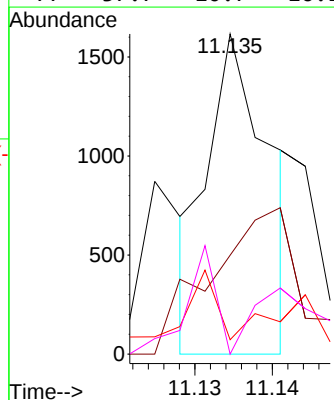
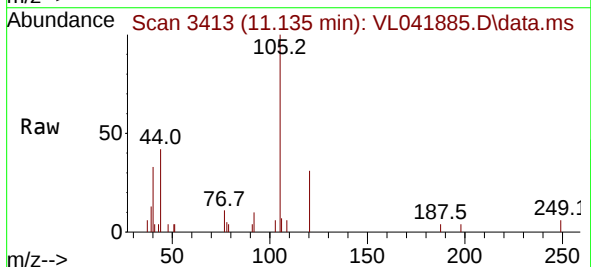
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

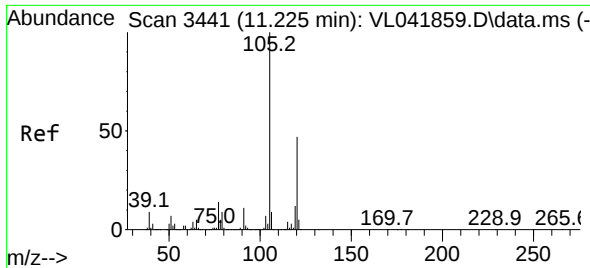
Tgt Ion: 91 Resp: 1581
Ion Ratio Lower Upper
91 100
126 28.2 11.6 46.6



#72
4-Ethyltoluene
Concen: 0.015 ppbv
RT: 11.135 min Scan# 3413
Delta R.T. -0.010 min
Lab File: VL041885.D
Acq: 10 Jan 2025 01:18

Tgt Ion: 105 Resp: 887
Ion Ratio Lower Upper
105 100
120 72.4 23.5 35.3#
91 40.1 9.8 14.8#
77 37.7 10.7 16.1#

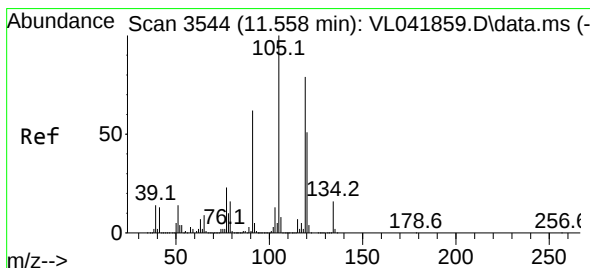
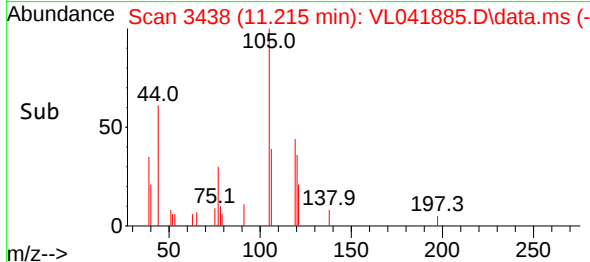
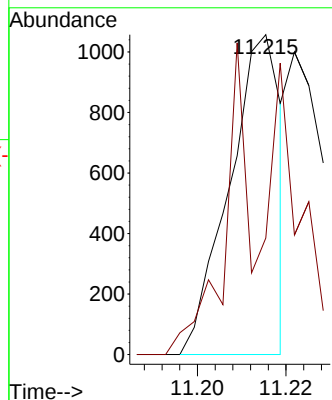
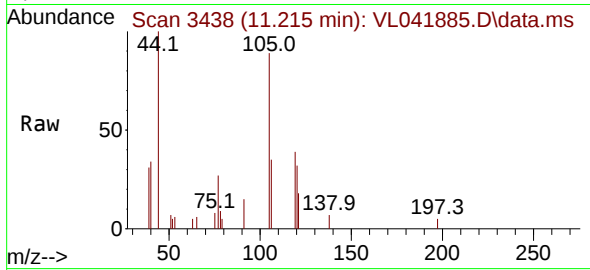




#73
 1,3,5-Trimethylbenzene
 Concen: 0.018 ppbv
 RT: 11.215 min Scan# 3441
 Delta R.T. -0.010 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

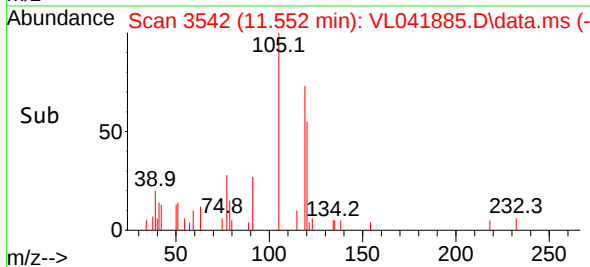
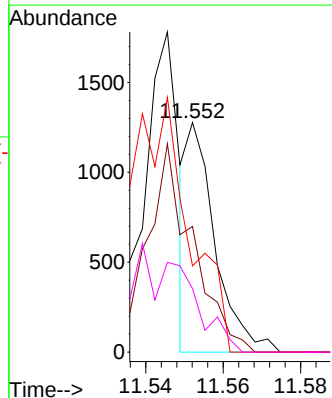
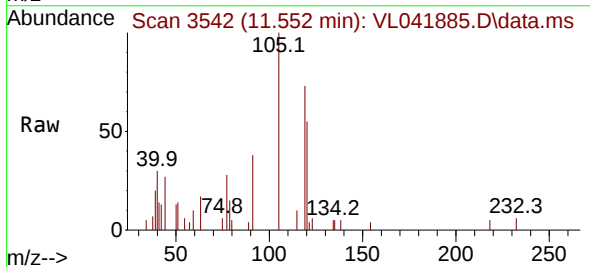
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

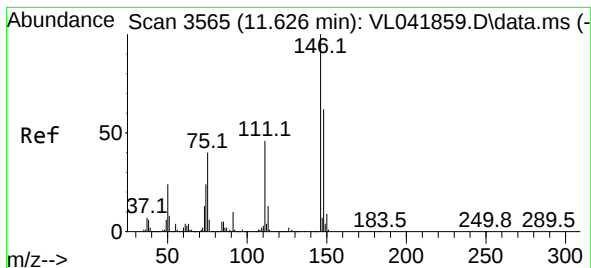
Tgt Ion:105 Resp: 856
 Ion Ratio Lower Upper
 105 100
 120 29.6 37.2 55.8#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.012 ppbv
 RT: 11.552 min Scan# 3542
 Delta R.T. -0.006 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion:105 Resp: 645
 Ion Ratio Lower Upper
 105 100
 120 54.7 41.1 61.7
 91 37.5 50.0 75.0#
 77 27.6 18.2 27.4#





#75

1,3-Dichlorobenzene

Concen: 0.028 ppbv

RT: 11.620 min Scan# 3565

Delta R.T. -0.006 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_1

ClientSampleId :

MDL 0.03

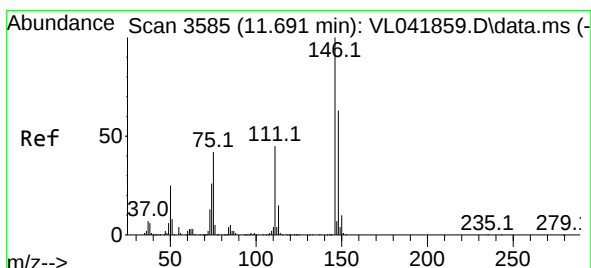
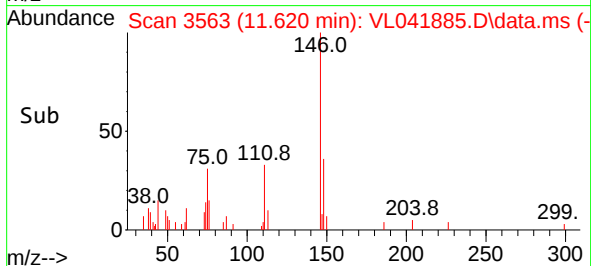
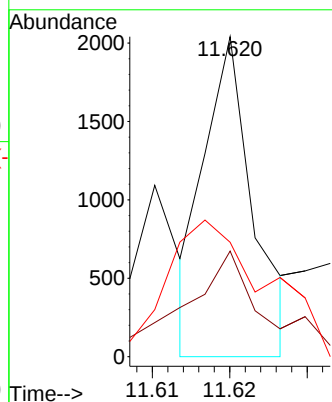
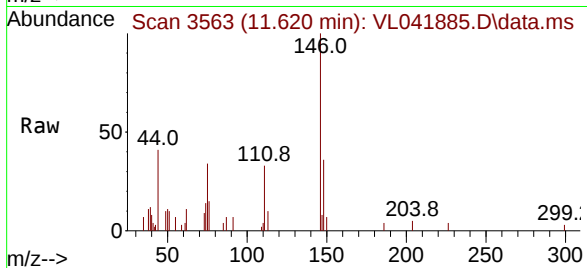
Tgt Ion:146 Resp: 896

Ion Ratio Lower Upper

146 100

111 60.9 23.2 69.5

148 87.2 31.6 94.7



#76

1,4-Dichlorobenzene

Concen: 0.037 ppbv

RT: 11.688 min Scan# 3584

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

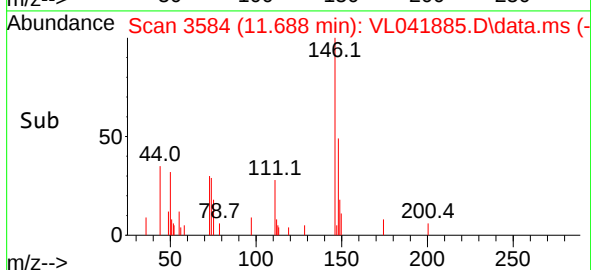
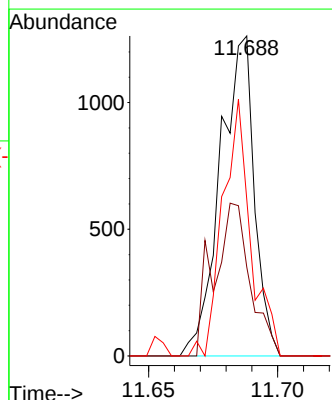
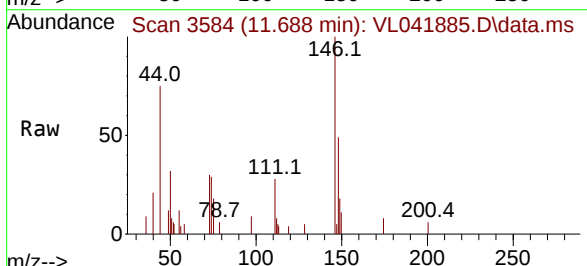
Tgt Ion:146 Resp: 1161

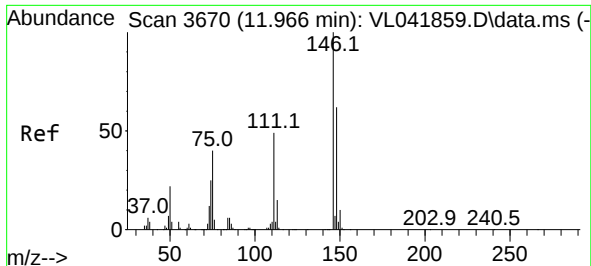
Ion Ratio Lower Upper

146 100

111 51.0 22.1 66.1

148 65.5 31.2 93.6

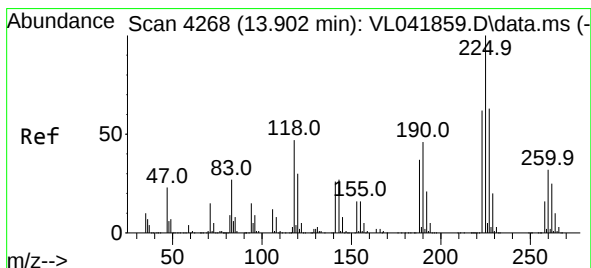
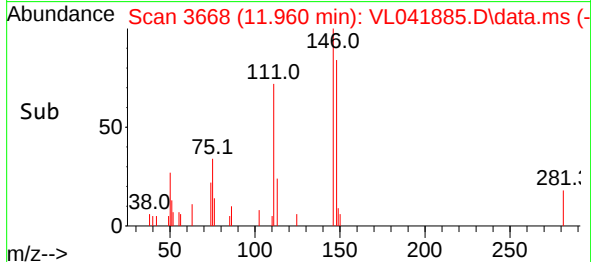
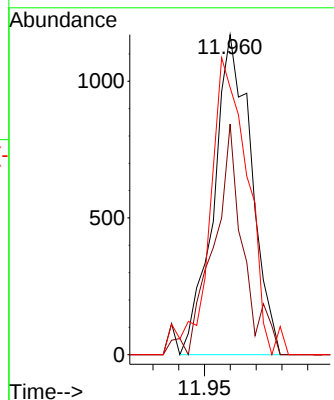
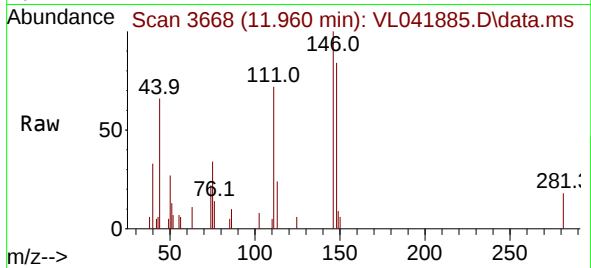




#77
 1,2-Dichlorobenzene
 Concen: 0.040 ppbv
 RT: 11.960 min Scan# 3668
 Delta R.T. -0.006 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

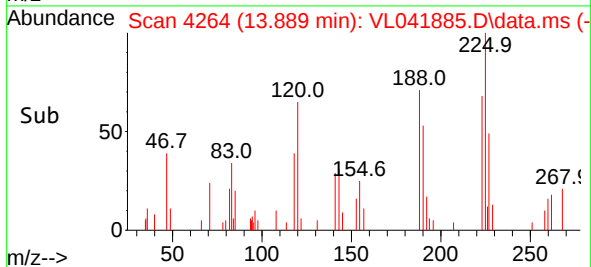
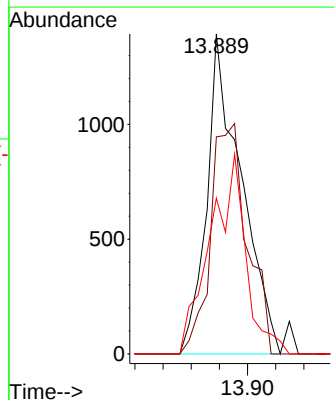
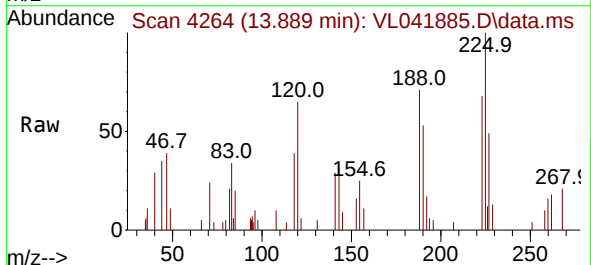
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

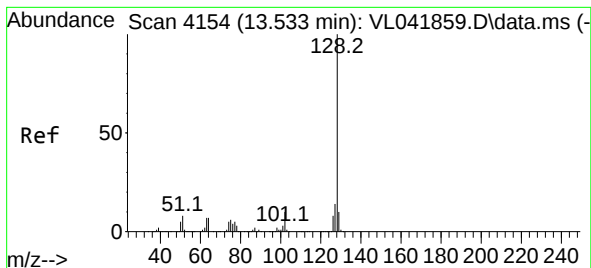
Tgt Ion:146 Resp: 1186
 Ion Ratio Lower Upper
 146 100
 111 57.3 24.1 72.3
 148 93.8 31.5 94.5



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.046 ppbv
 RT: 13.889 min Scan# 4264
 Delta R.T. -0.013 min
 Lab File: VL041885.D
 Acq: 10 Jan 2025 01:18

Tgt Ion:225 Resp: 1180
 Ion Ratio Lower Upper
 225 100
 223 76.4 50.6 75.8#
 227 64.3 50.9 76.3





#79

Naphthalene

Concen: 0.033 ppbv

RT: 13.523 min Scan# 4154

Delta R.T. -0.010 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

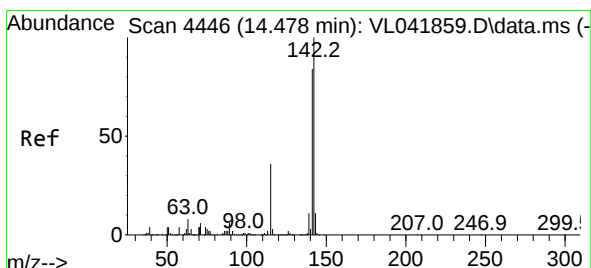
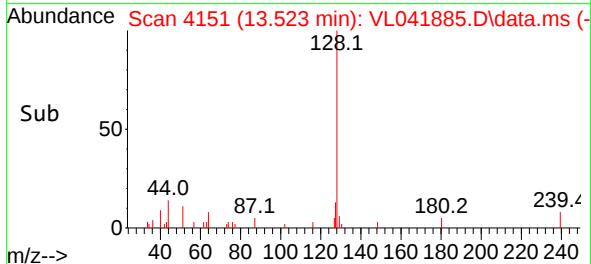
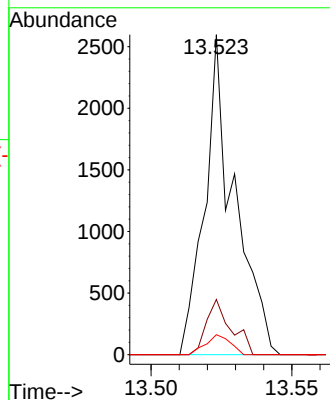
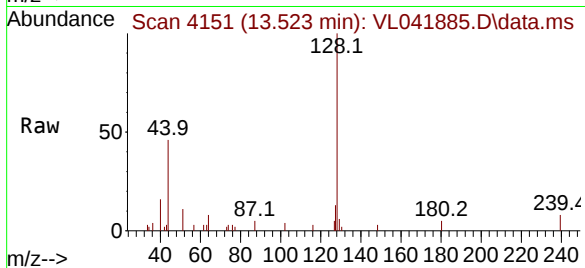
Tgt Ion:128 Resp: 1897

Ion Ratio Lower Upper

128 100

127 17.3 10.8 16.2#

129 6.2 8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.023 ppbv

RT: 14.475 min Scan# 4445

Delta R.T. -0.003 min

Lab File: VL041885.D

Acq: 10 Jan 2025 01:18

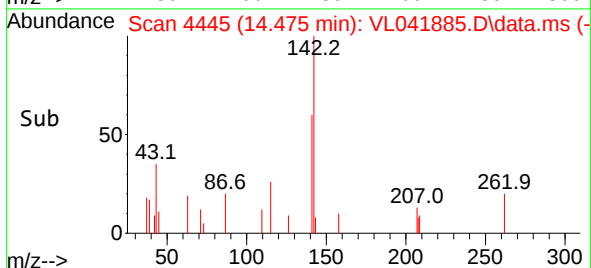
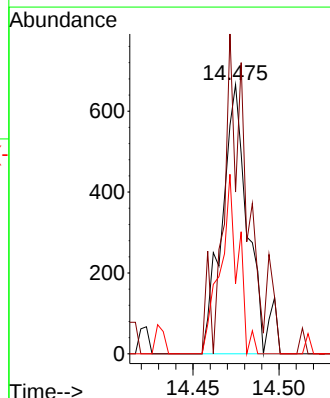
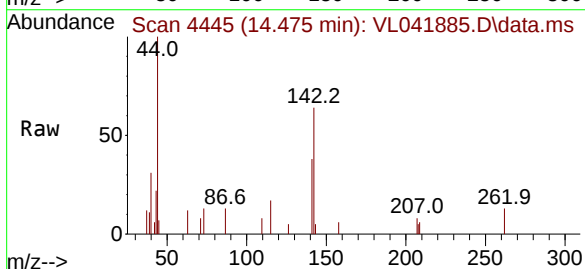
Tgt Ion:142 Resp: 711

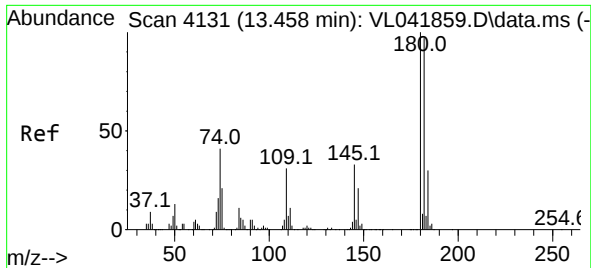
Ion Ratio Lower Upper

142 100

141 109.8 68.2 102.4#

115 48.8 29.4 44.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.035 ppbv

RT: 13.452 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041885.D

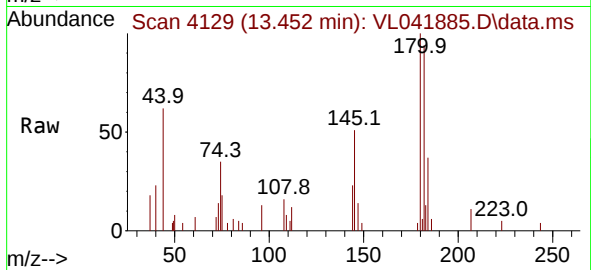
Acq: 10 Jan 2025 01:18

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03



Tgt Ion:180 Resp: 944

Ion Ratio Lower Upper

180 100

182 115.0 75.8 113.8#

184 39.8 24.1 36.1#

