

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041781.D
 Acq On : 17 Dec 2024 16:17
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 03:06:13 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	2.790	49	51238	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	131572	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	111343	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	93730	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	527	0.058	ppbv	96
3) Chlorodifluoromethane	1.476	51	482	0.058	ppbv #	88
4) Chloromethane	1.531	50	266	0.075	ppbv #	79
5) Vinyl Chloride	1.580	62	145	0.040	ppbv #	87
6) Bromomethane	1.667	94	153	0.090	ppbv #	75
7) Chloroethane	1.699	64	26	0.019	ppbv #	40
8) Dichlorotetrafluoroethane	1.554	85	356	0.044	ppbv #	77
9) Propene	1.486	41	392	0.108	ppbv	92
10) Heptane	4.988	43	80	0.009	ppbv #	70
11) Trichlorofluoromethane	1.877	101	524	0.054	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.146	101	161	0.022	ppbv #	14
13) Ethanol	1.725	45	315	1.050	ppbv #	34
14) Bromoethene	1.780	108	125	0.050	ppbv #	54
15) Acetone	1.838	43	1622	0.163	ppbv #	78
16) 1,3-Butadiene	1.612	39	254	0.065	ppbv	98
17) tert-Butyl alcohol	2.046	59	562	0.057	ppbv #	63
18) 1,1-Dichloroethene	2.036	96	98	0.032	ppbv #	57
19) Isopropyl Alcohol	1.890	45	1687	0.282	ppbv #	38
20) Methylene Chloride	2.065	84	648	0.228	ppbv #	84
21) Allyl Chloride	2.097	41	352	0.065	ppbv #	1
22) trans-1,2-Dichloroethene	2.343	96	165	0.047	ppbv #	66
23) Vinyl Acetate	2.463	43	208	0.045	ppbv #	1
24) 1,1-Dichloroethane	2.411	63	321	0.045	ppbv #	88
25) Ethyl Acetate	2.839	43	138	0.007	ppbv #	75
26) Hexane	2.829	57	64	0.009	ppbv #	1
27) Carbon Disulfide	2.152	76	168	0.026	ppbv #	1
28) Methyl tert-Butyl Ether	2.447	73	131	0.023	ppbv #	1
29) Chloroform	2.845	83	612	0.057	ppbv #	66
30) Cyclohexane	3.865	84	38	0.006	ppbv #	8
31) cis-1,2-Dichloroethene	2.343	61	296	0.041	ppbv	95
32) 1,1,1-Trichloroethane	3.373	97	359	0.033	ppbv #	67
34) 2-Butanone	2.567	43	592	0.056	ppbv #	80
35) Carbon Tetrachloride	3.768	117	208	0.022	ppbv #	74
36) Benzene	3.661	78	110	0.008	ppbv #	21
37) 1,2-Dichloroethane	3.224	62	200	0.024	ppbv #	82
38) Trichloroethene	4.554	130	31	0.005	ppbv #	28
39) 1,2-Dichloropropane	3.965	63	37645	7.648	ppbv #	16
41) Tetrahydrofuran	3.078	42	265	0.045	ppbv #	39
42) Bromodichloromethane	4.493	83	107	0.011	ppbv #	27
43) Methyl Methacrylate	4.897	69	45	0.009	ppbv #	89
44) 2,2,4-Trimethylpentane	4.645	57	148	0.006	ppbv #	39
46) cis-1,3-Dichloropropene	5.606	75	39	0.006	ppbv #	18
47) 1,1,2-Trichloroethane	6.583	97	58	0.011	ppbv #	18

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

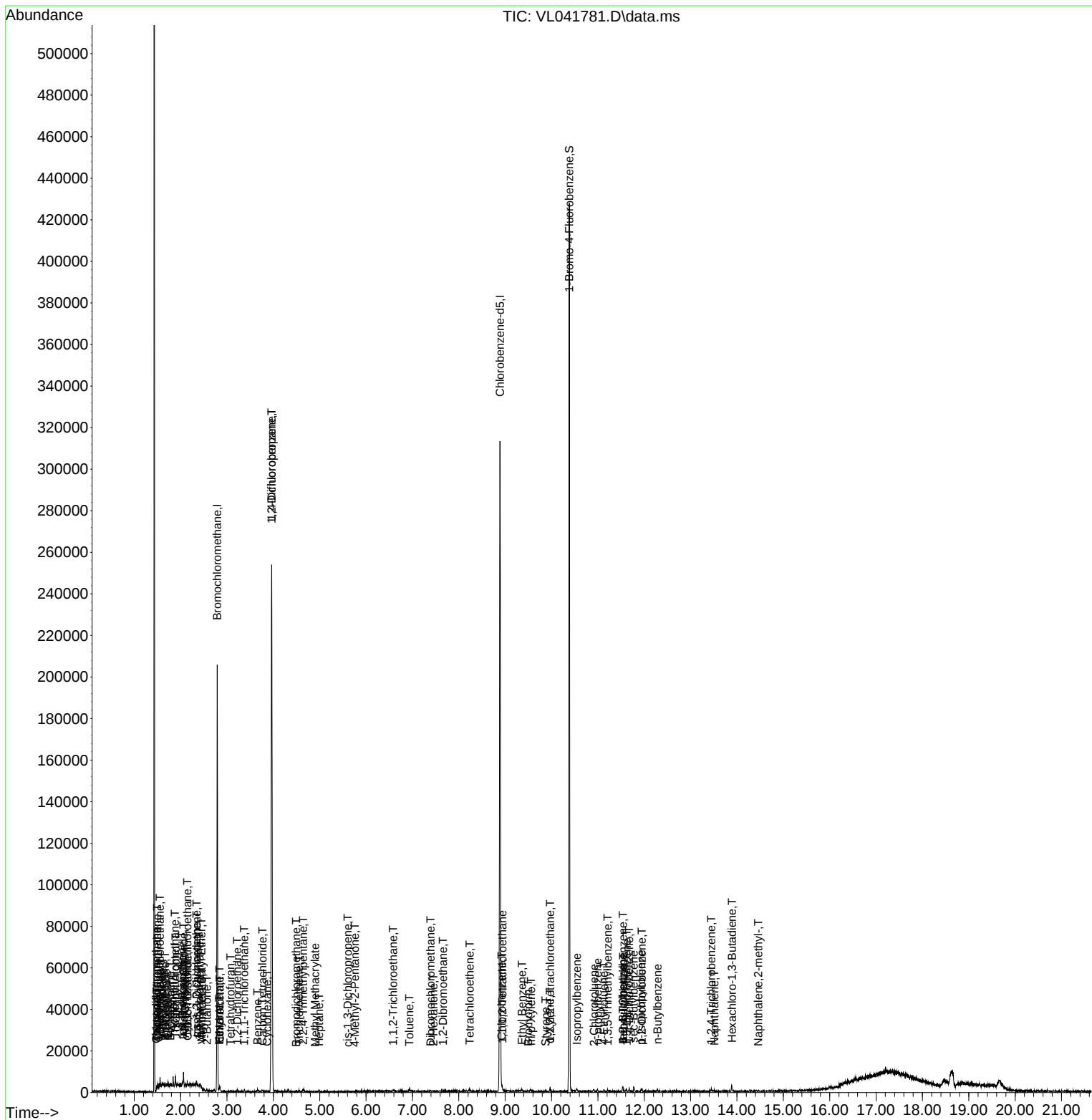
Instrument :
 MSVOA_L
 ClientSampleId :

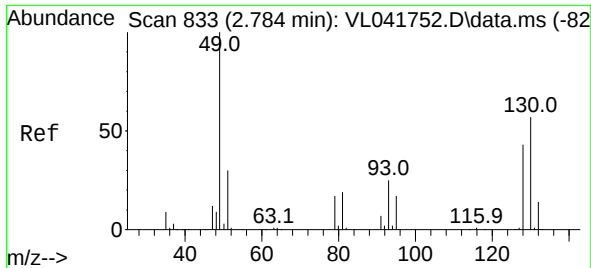
Quant Time: Dec 21 03:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	7.393	129	63	0.009	ppbv	96
49) Bromoform	9.496	173	20	0.003	ppbv #	1
50) 4-Methyl-2-Pentanone	5.761	43	61	0.004	ppbv #	41
51) 2-Hexanone	7.454	43	82	0.007	ppbv #	31
52) Tetrachloroethene	8.234	164	30	0.006	ppbv #	53
53) Toluene	6.936	91	101	0.007	ppbv #	21
54) 1,2-Dibromoethane	7.658	107	50	0.007	ppbv #	2
56) 1,1,1,2-Tetrachloroethane	8.943	131	125	0.021	ppbv #	9
57) Chlorobenzene	8.927	112	174	0.015	ppbv #	1
58) Ethyl Benzene	9.364	91	311	0.016	ppbv #	45
59) m/p-Xylene	9.558	91	309	0.019	ppbv #	100
60) o-Xylene	9.966	91	226	0.014	ppbv	94
61) Styrene	9.872	104	48	0.007	ppbv #	27
62) Isopropylbenzene	10.545	105	408	0.017	ppbv #	62
63) 1,1,2,2-Tetrachloroethane	9.969	83	228	0.023	ppbv #	30
64) n-propylbenzene	10.995	120	34	0.006	ppbv #	1
65) tert-Butylbenzene	11.542	119	123	0.006	ppbv #	17
66) Benzyl Chloride	11.545	91	56	0.029	ppbv #	66
67) sec-Butylbenzene	11.772	105	575	0.019	ppbv #	81
69) p-Isopropyltoluene	11.934	119	146	0.006	ppbv #	1
70) n-Butylbenzene	12.286	91	457	0.019	ppbv #	93
71) 2-Chlorotoluene	10.917	91	61	0.003	ppbv #	1
72) 4-Ethyltoluene	11.128	105	368	0.019	ppbv #	69
73) 1,3,5-Trimethylbenzene	11.212	105	287	0.018	ppbv	96
74) 1,2,4-Trimethylbenzene	11.539	105	357	0.021	ppbv #	75
75) 1,3-Dichlorobenzene	11.623	146	53	0.005	ppbv #	23
76) 1,4-Dichlorobenzene	11.675	146	209	0.019	ppbv #	70
77) 1,2-Dichlorobenzene	11.950	146	351	0.034	ppbv	87
78) Hexachloro-1,3-Butadiene	13.892	225	186	0.024	ppbv #	62
79) Naphthalene	13.513	128	280	0.024	ppbv #	69
80) Naphthalene,2-methyl-	14.461	142	184	0.050	ppbv #	68
81) 1,2,4-Trichlorobenzene	13.445	180	289	0.045	ppbv #	88

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

Quant Time: Dec 21 03:06:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

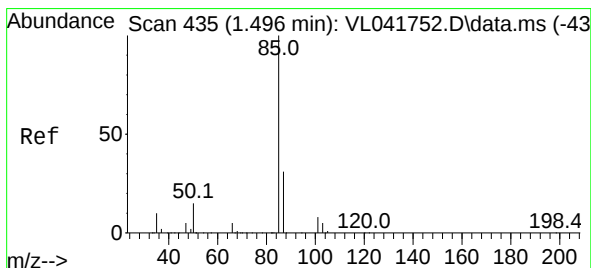
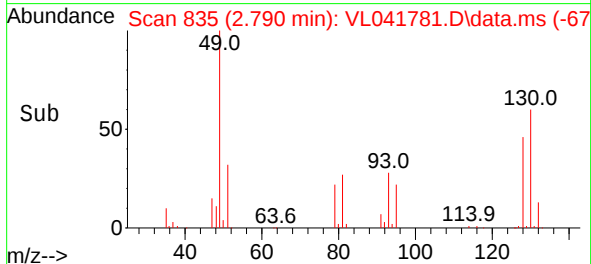
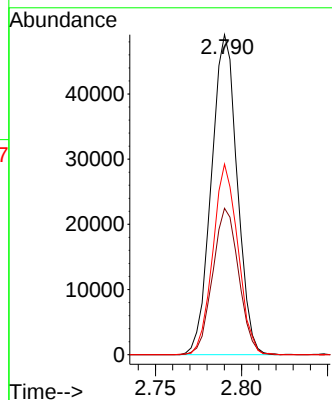
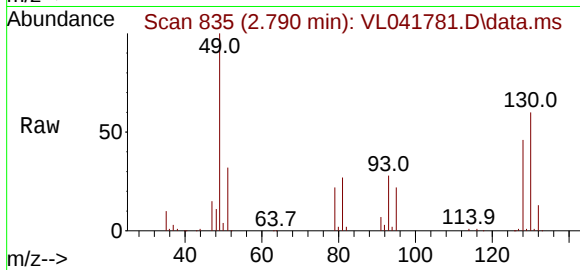




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

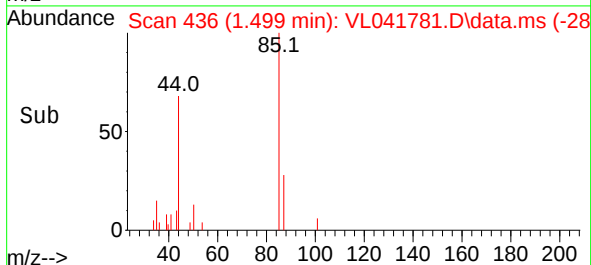
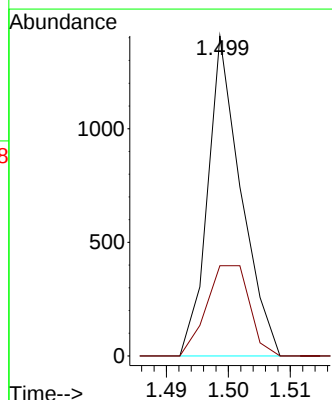
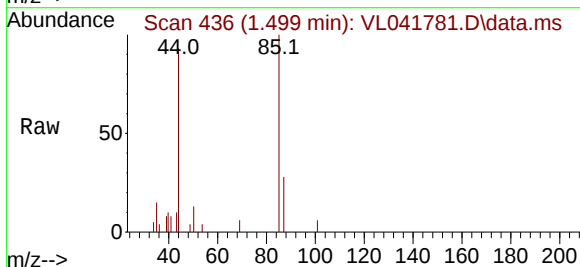
Instrument :
MSVOA_L
ClientSampleId :

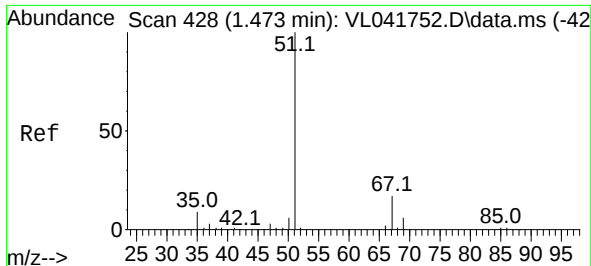
Tgt Ion: 49 Resp: 51238
Ion Ratio Lower Upper
49 100
128 46.0 21.6 64.6
130 57.8 28.3 85.0



#2
Dichlorodifluoromethane
Concen: 0.058 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion: 85 Resp: 527
Ion Ratio Lower Upper
85 100
87 28.2 24.5 36.7





#3

Chlorodifluoromethane

Concen: 0.058 ppbv

RT: 1.476 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

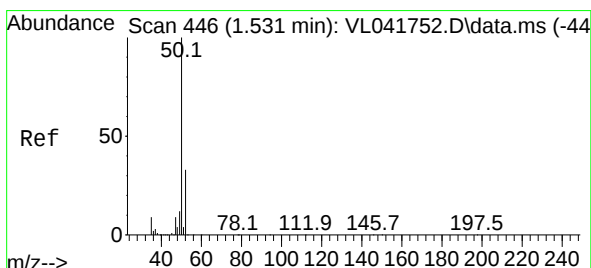
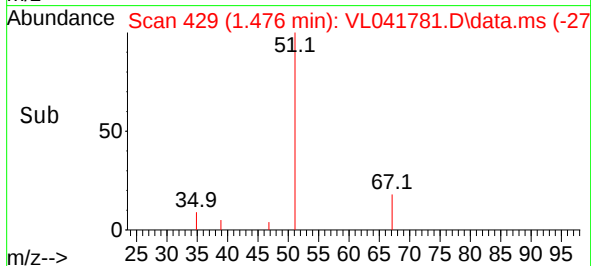
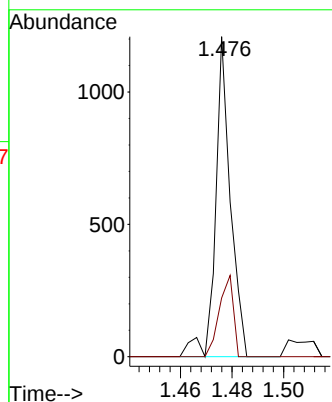
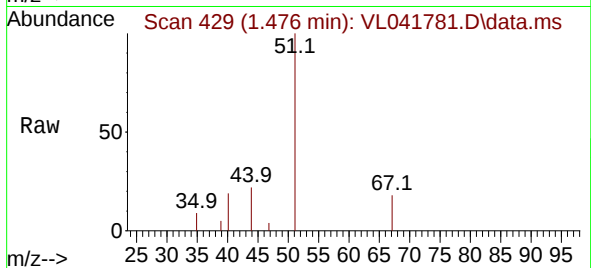
ClientSampleId :

Tgt Ion: 51 Resp: 482

Ion Ratio Lower Upper

51 100

67 23.9 15.0 22.4#



#4

Chloromethane

Concen: 0.075 ppbv

RT: 1.531 min Scan# 446

Delta R.T. -0.000 min

Lab File: VL041781.D

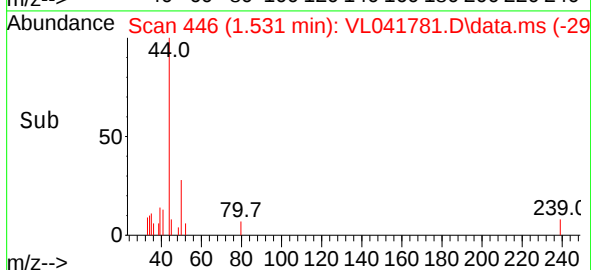
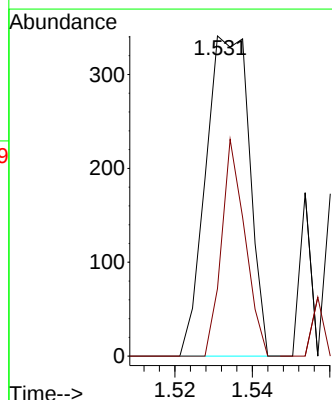
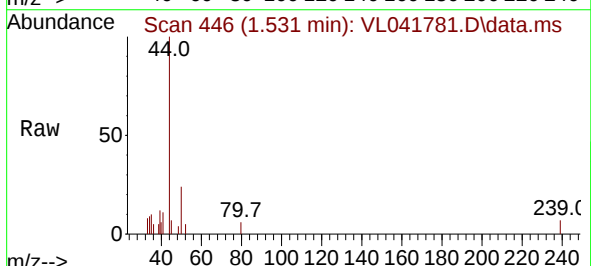
Acq: 17 Dec 2024 16:17

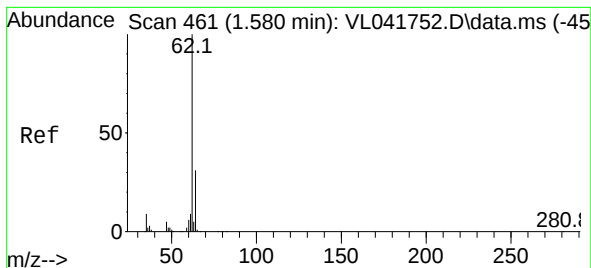
Tgt Ion: 50 Resp: 266

Ion Ratio Lower Upper

50 100

52 21.1 26.2 39.2#





#5

Vinyl Chloride

Concen: 0.040 ppbv

RT: 1.580 min Scan# 461

Delta R.T. -0.000 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

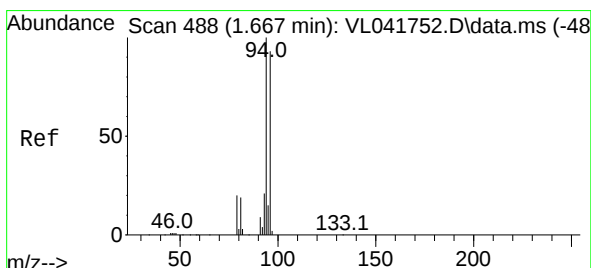
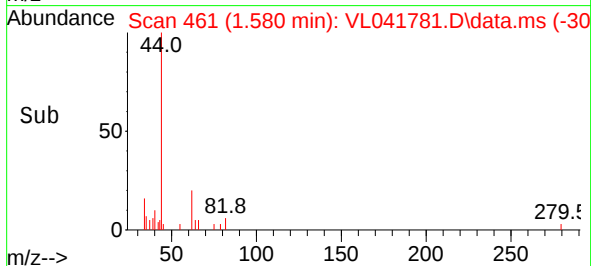
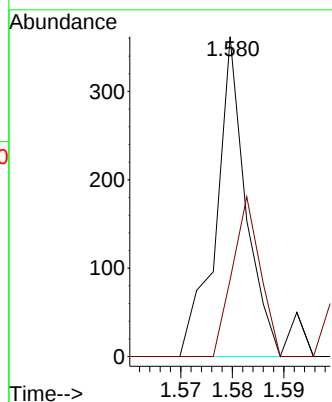
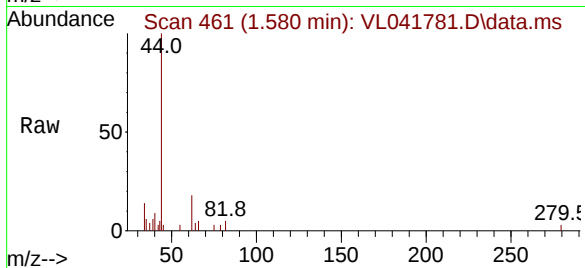
ClientSampleId :

Tgt Ion: 62 Resp: 145

Ion Ratio Lower Upper

62 100

64 24.0 25.1 37.7#



#6

Bromomethane

Concen: 0.090 ppbv

RT: 1.667 min Scan# 488

Delta R.T. -0.000 min

Lab File: VL041781.D

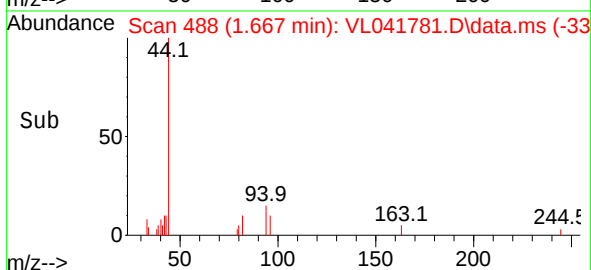
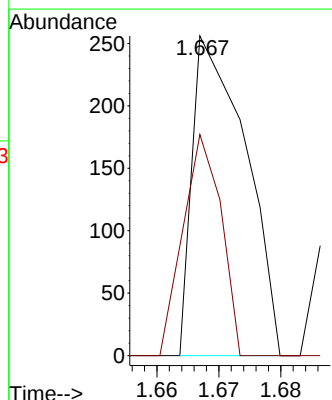
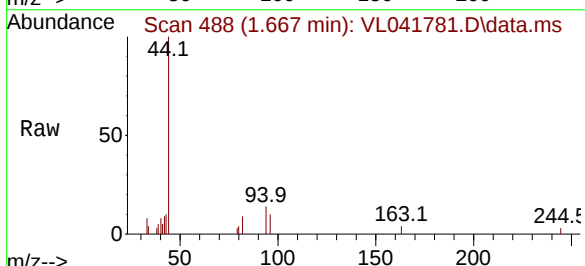
Acq: 17 Dec 2024 16:17

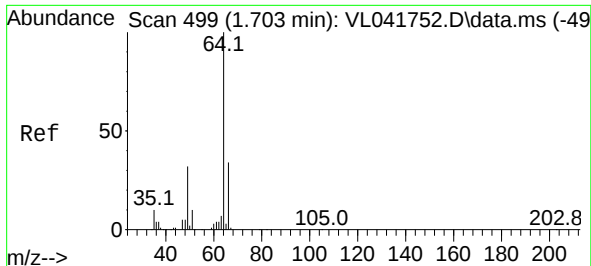
Tgt Ion: 94 Resp: 153

Ion Ratio Lower Upper

94 100

96 69.1 74.7 112.1#

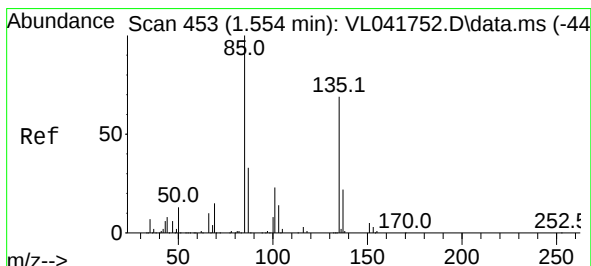
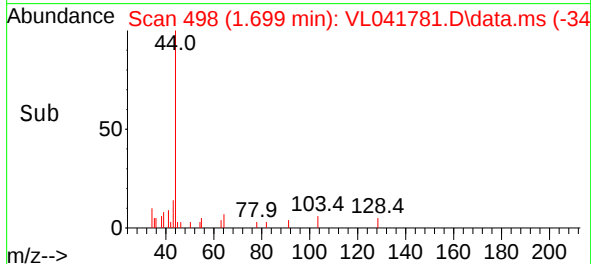
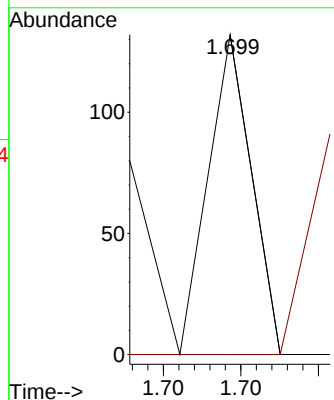
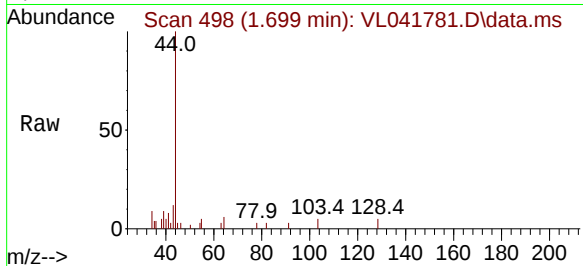




#7
Chloroethane
Concen: 0.019 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.004 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

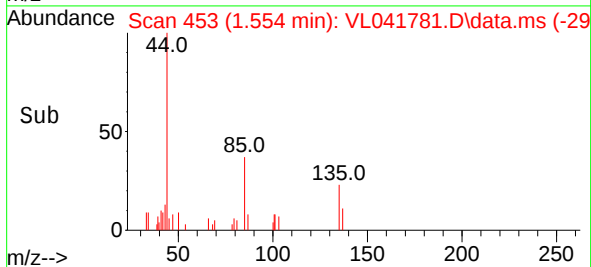
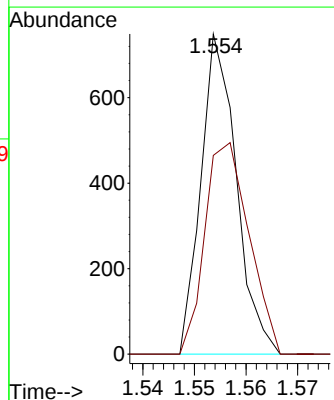
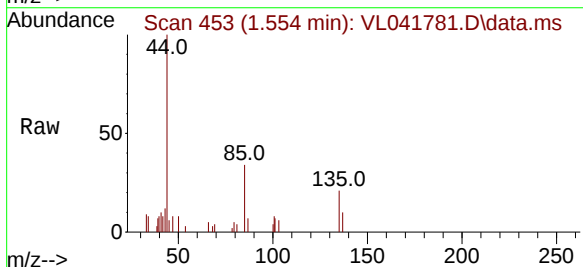
Instrument :
MSVOA_L
ClientSampleId :

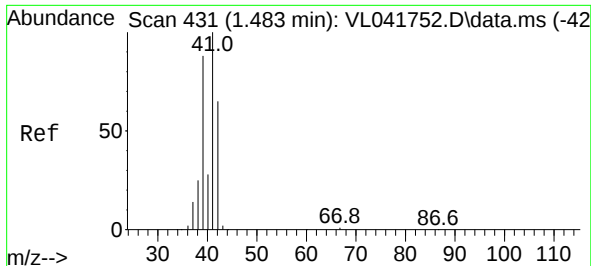
Tgt Ion: 64 Resp: 26
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#



#8
Dichlorotetrafluoroethane
Concen: 0.044 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion: 85 Resp: 356
Ion Ratio Lower Upper
85 100
135 82.9 51.9 77.9#





#9

Propene

Concen: 0.108 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

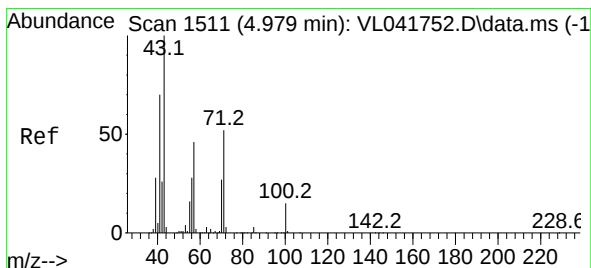
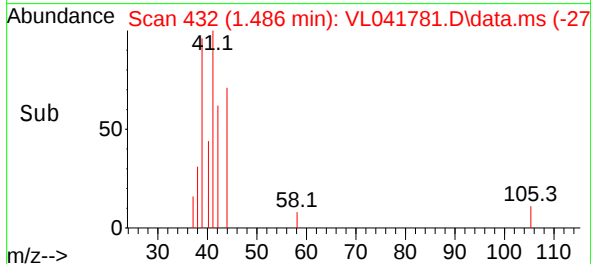
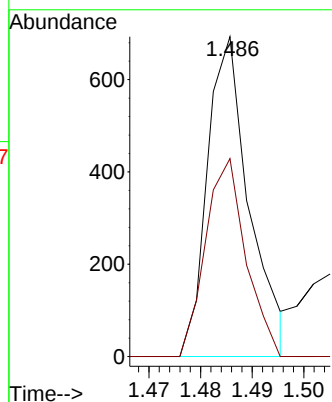
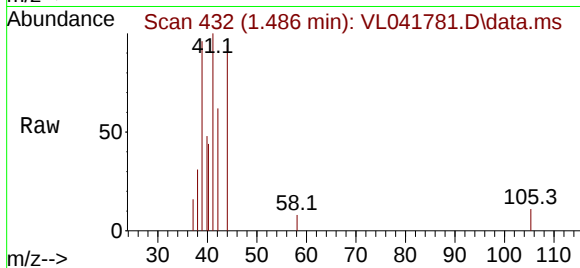
ClientSampleId :

Tgt Ion: 41 Resp: 392

Ion Ratio Lower Upper

41 100

42 59.4 52.4 78.6



#10

Heptane

Concen: 0.009 ppbv

RT: 4.988 min Scan# 1514

Delta R.T. 0.009 min

Lab File: VL041781.D

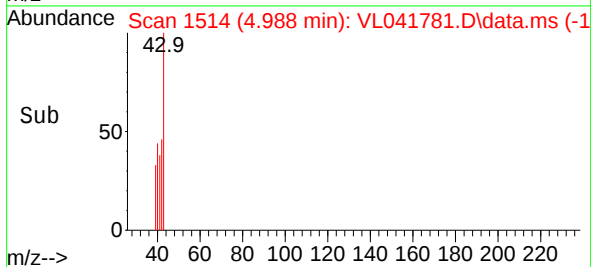
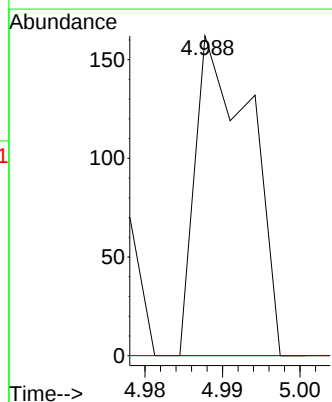
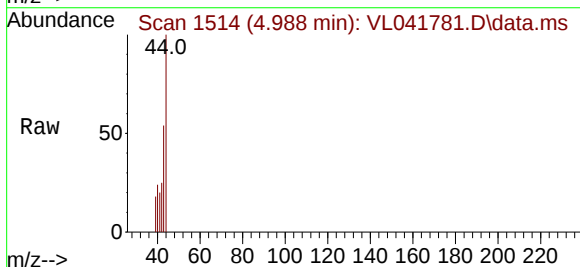
Acq: 17 Dec 2024 16:17

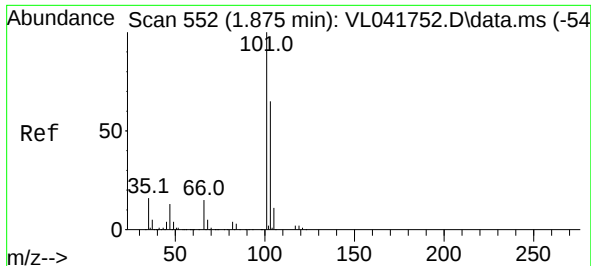
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

57 27.5 38.5 57.7#





#11

Trichlorofluoromethane

Concen: 0.054 ppbv

RT: 1.877 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

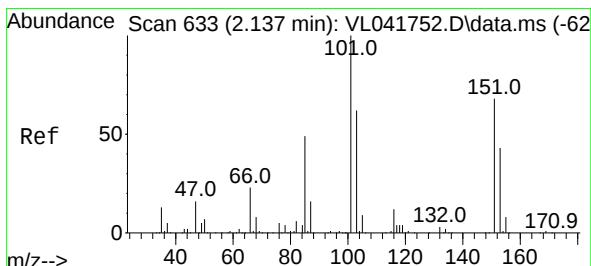
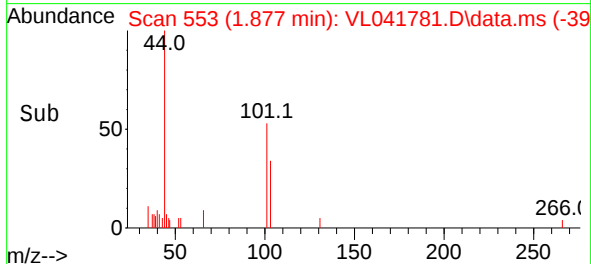
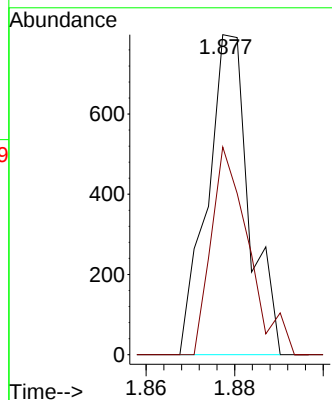
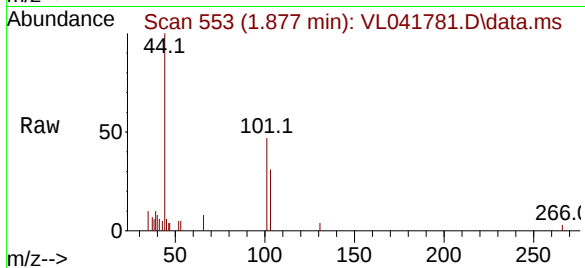
ClientSampleId :

Tgt Ion:101 Resp: 524

Ion Ratio Lower Upper

101 100

103 64.9 51.8 77.8



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.022 ppbv

RT: 2.146 min Scan# 636

Delta R.T. 0.009 min

Lab File: VL041781.D

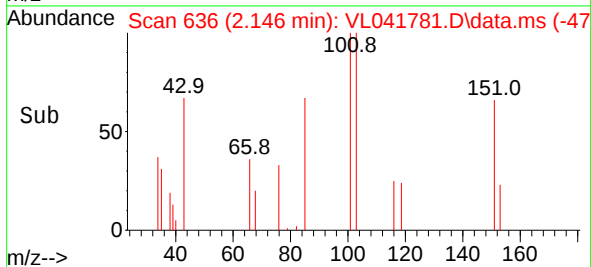
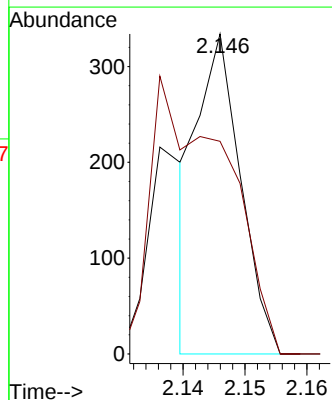
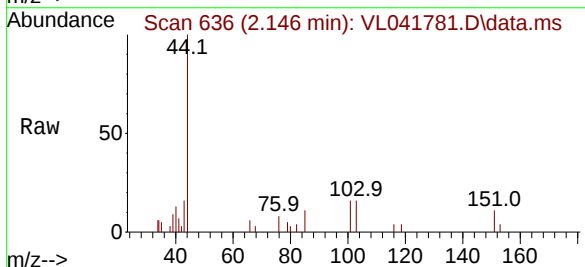
Acq: 17 Dec 2024 16:17

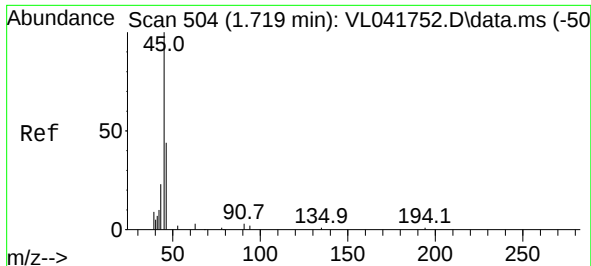
Tgt Ion:101 Resp: 161

Ion Ratio Lower Upper

101 100

151 0.0 56.8 85.2#





#13

Ethanol

Concen: 1.050 ppbv

RT: 1.725 min Scan# 504

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

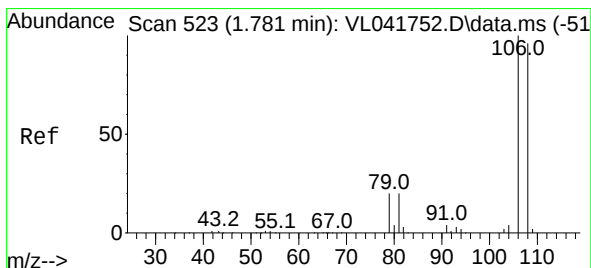
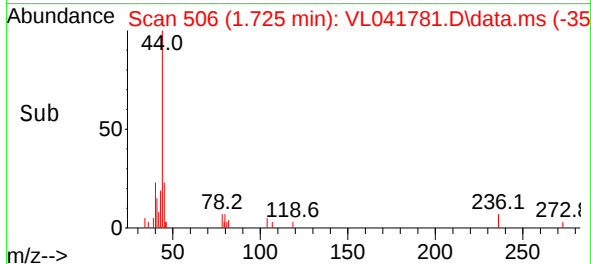
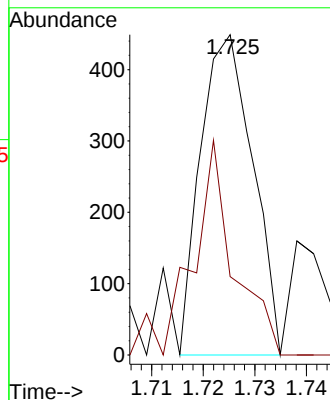
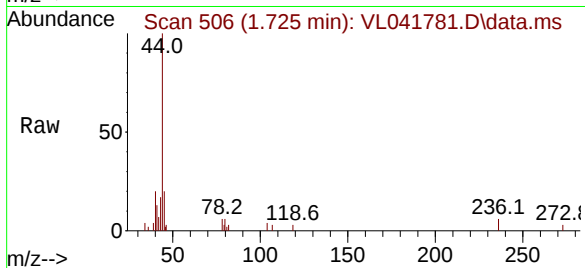
ClientSampleId :

Tgt Ion: 45 Resp: 315

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#14

Bromoethene

Concen: 0.050 ppbv

RT: 1.780 min Scan# 523

Delta R.T. -0.000 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

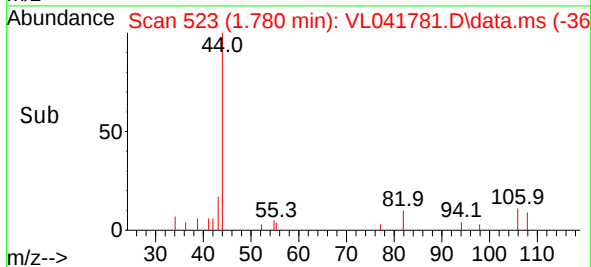
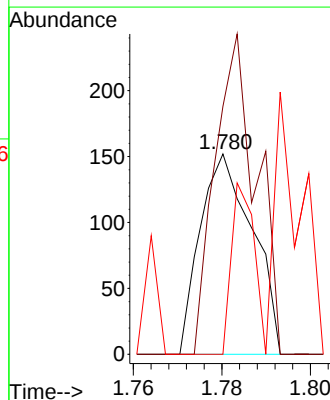
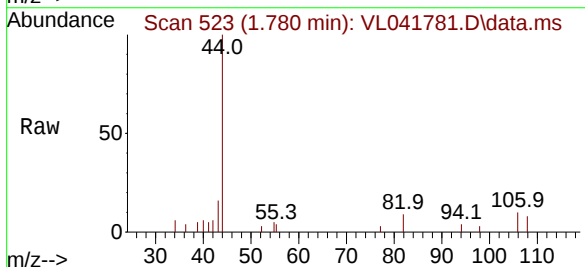
Tgt Ion: 108 Resp: 125

Ion Ratio Lower Upper

108 100

106 126.4 84.1 126.1#

79 101.6 17.4 26.0#





#15

Acetone

Concen: 0.163 ppbv

RT: 1.838 min Scan# 54

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

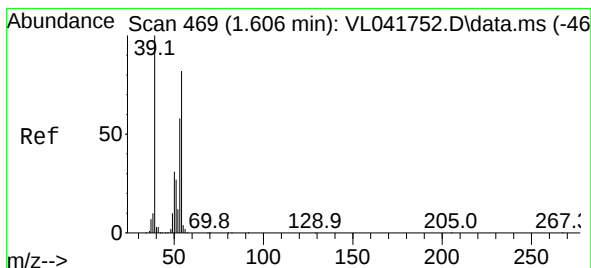
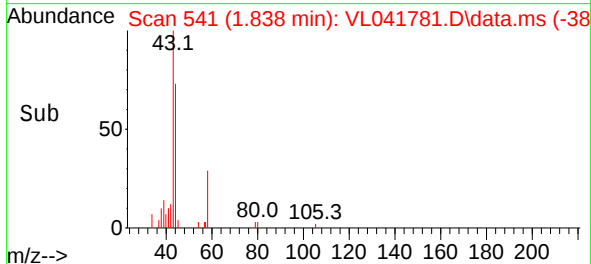
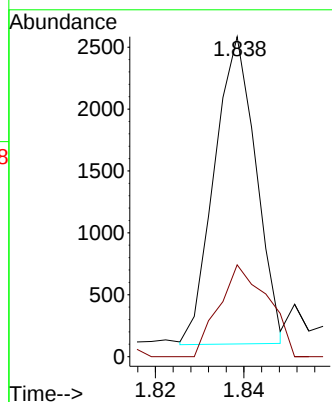
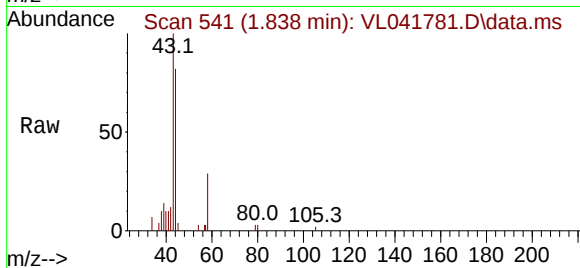
ClientSampleId :

Tgt Ion: 43 Resp: 1622

Ion Ratio Lower Upper

43 100

58 35.6 19.7 29.5#



#16

1,3-Butadiene

Concen: 0.065 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.006 min

Lab File: VL041781.D

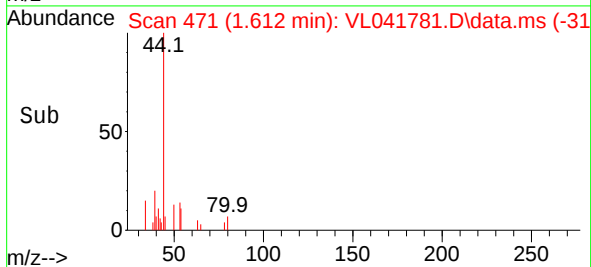
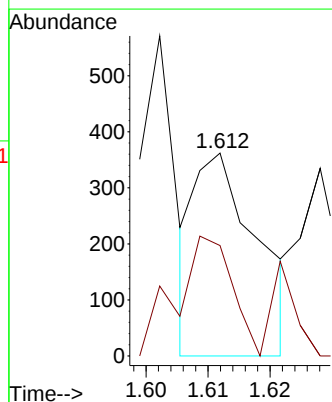
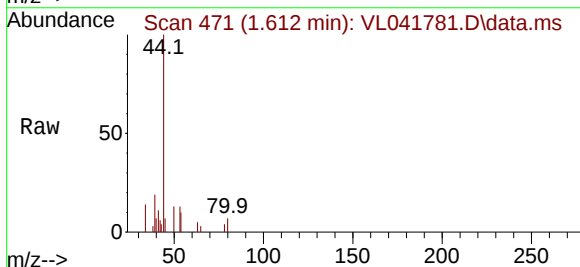
Acq: 17 Dec 2024 16:17

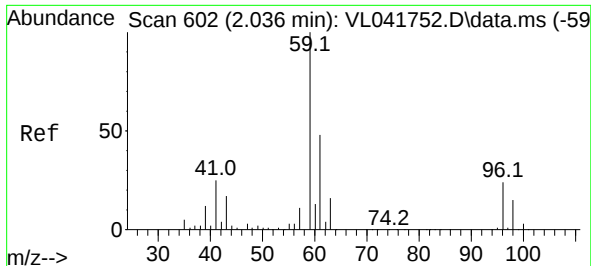
Tgt Ion: 39 Resp: 254

Ion Ratio Lower Upper

39 100

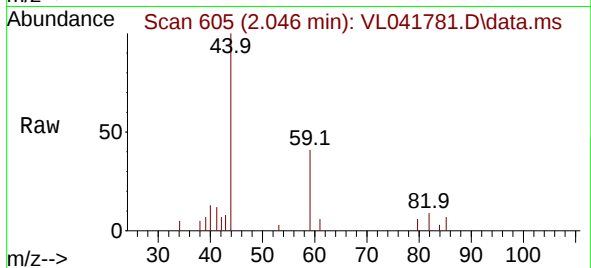
54 74.4 58.4 87.6



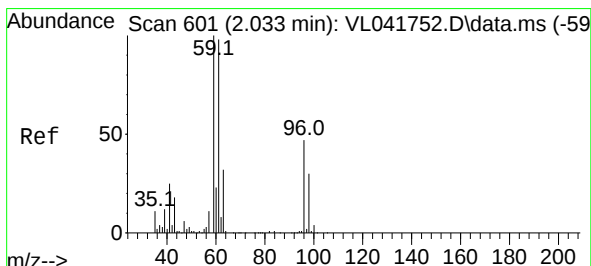
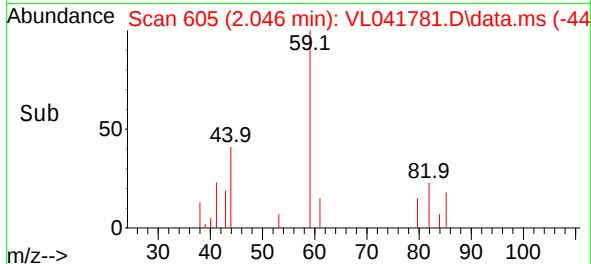
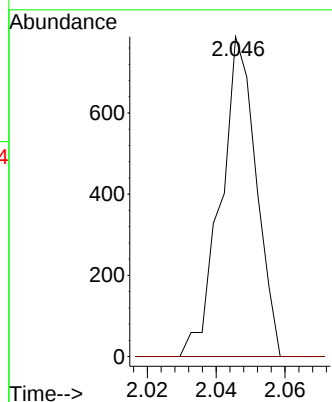


#17
tert-Butyl alcohol
Concen: 0.057 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.009 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Instrument :
MSVOA_1
ClientSampleId :

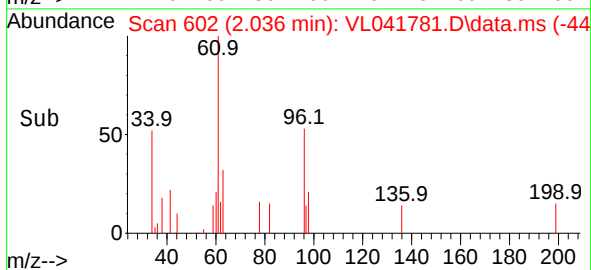
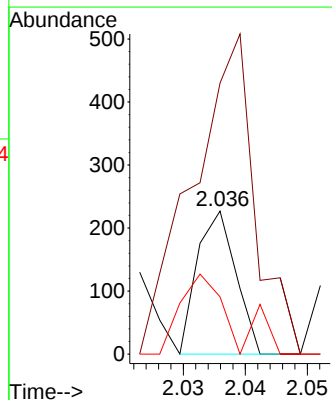
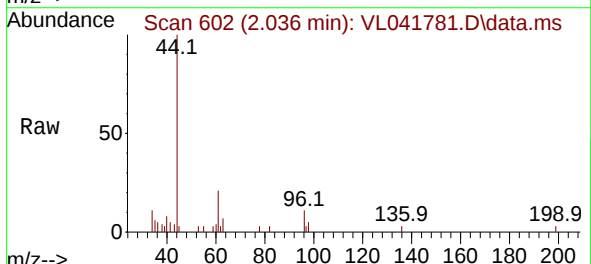


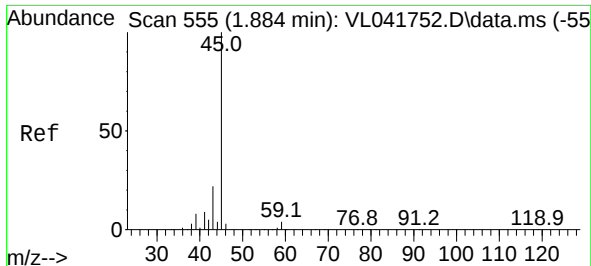
Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 24.7 8.6 13.0#



#18
1,1-Dichloroethene
Concen: 0.032 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion: 96 Resp: 98
Ion Ratio Lower Upper
96 100
61 136.1 167.7 251.5#
98 40.1 51.1 76.7#





#19

Isopropyl Alcohol

Concen: 0.282 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

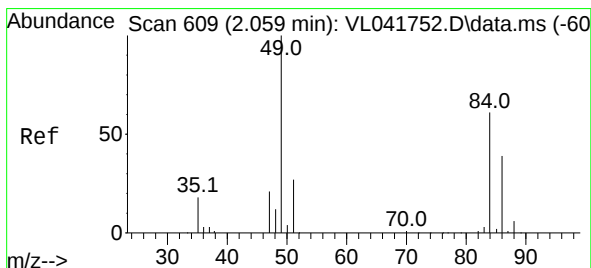
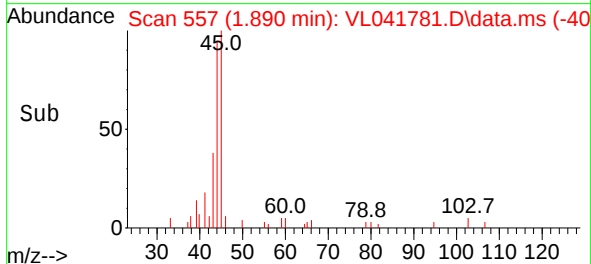
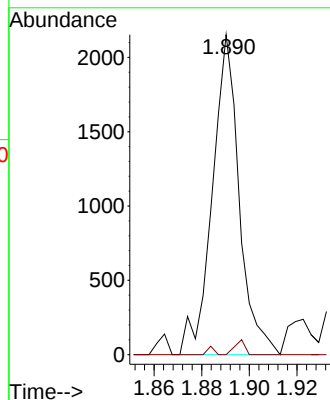
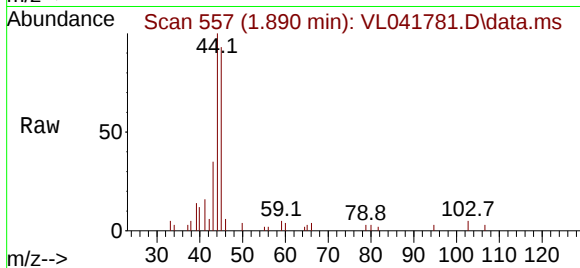
ClientSampleId :

Tgt Ion: 45 Resp: 1687

Ion Ratio Lower Upper

45 100

58 2.4 33.3 49.9#



#20

Methylene Chloride

Concen: 0.228 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion: 84 Resp: 648

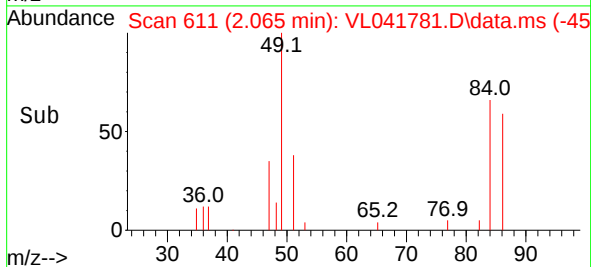
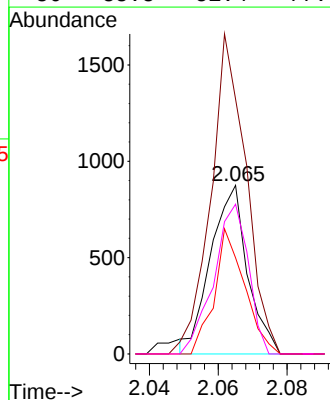
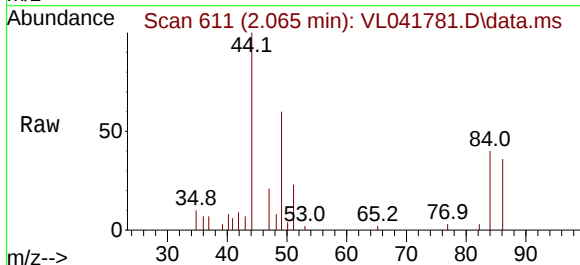
Ion Ratio Lower Upper

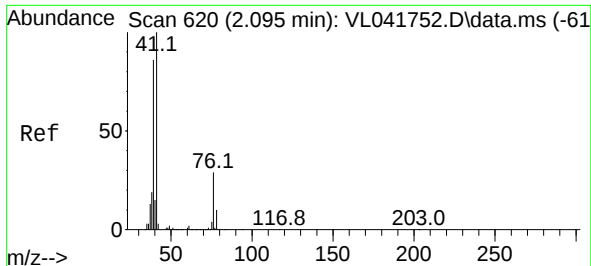
84 100

49 151.2 132.6 198.8

51 57.0 37.6 56.4#

86 88.8 51.4 77.0#





#21

Allyl Chloride

Concen: 0.065 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041781.D

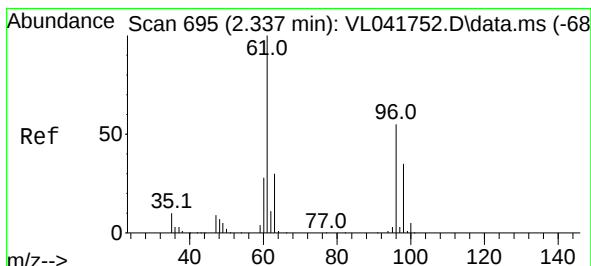
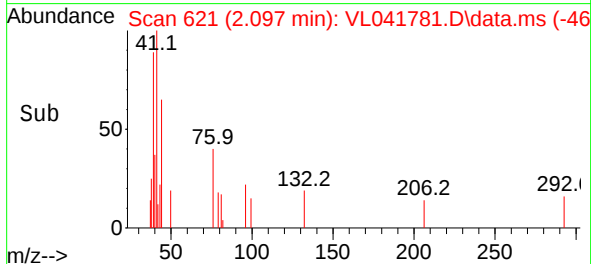
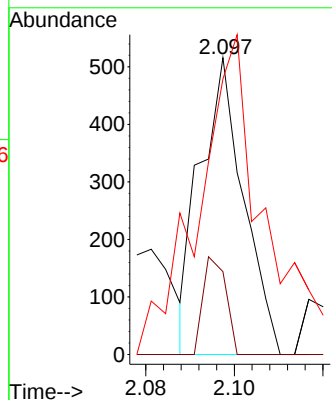
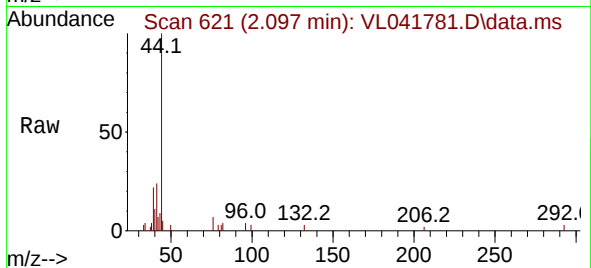
Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 41	Resp: 352
Ion Ratio	Lower Upper
41	100
76	17.3 22.3 33.5#
39	212.5 69.2 103.8#



#22

trans-1,2-Dichloroethene

Concen: 0.047 ppbv

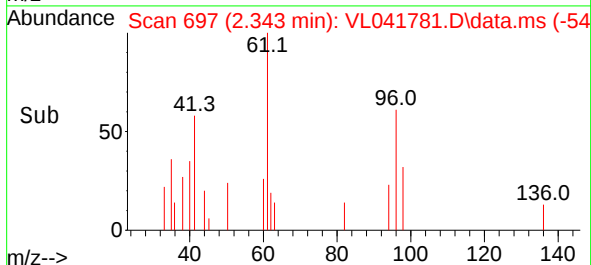
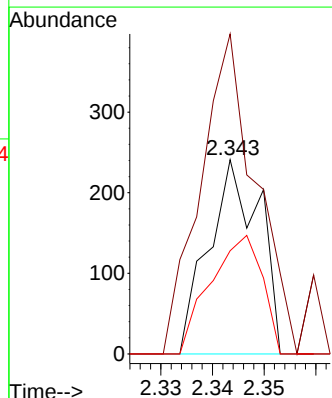
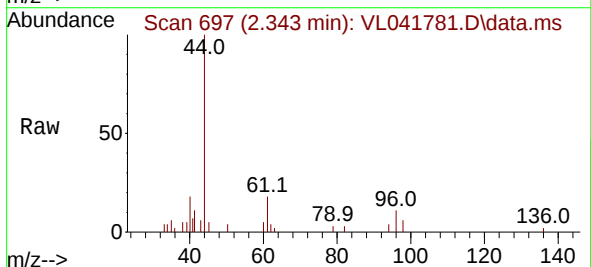
RT: 2.343 min Scan# 697

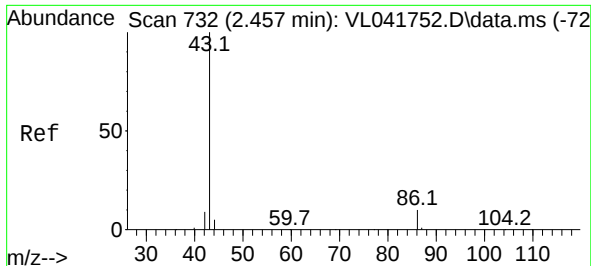
Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

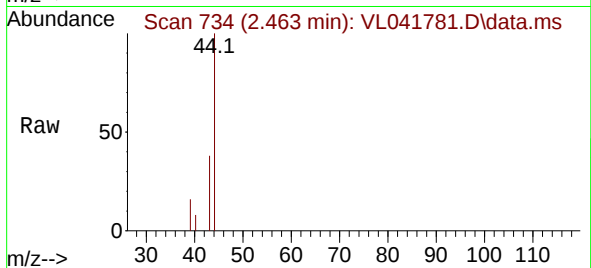
Tgt Ion: 96	Resp: 165
Ion Ratio	Lower Upper
96	100
61	123.2 146.3 219.5#
98	53.1 50.8 76.2



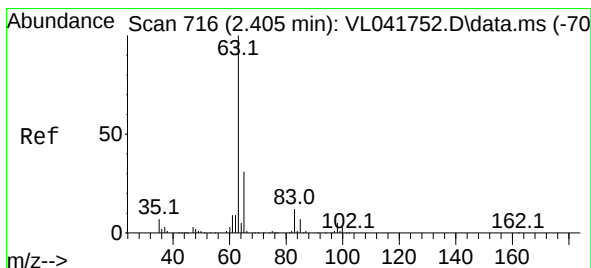
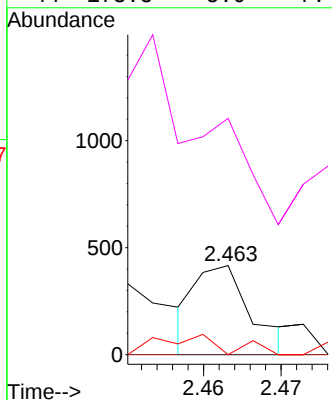
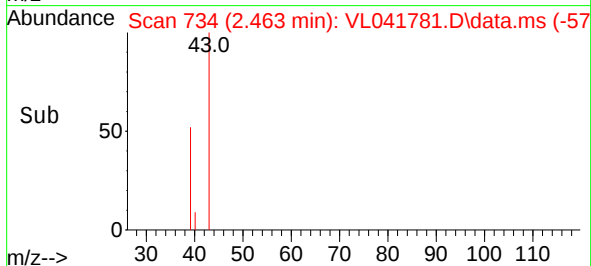


#23
 Vinyl Acetate
 Concen: 0.045 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041781.D
 Acq: 17 Dec 2024 16:17

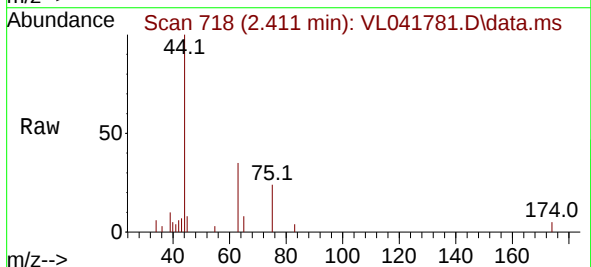
Instrument :
 MSVOA_L
 ClientSampleId :



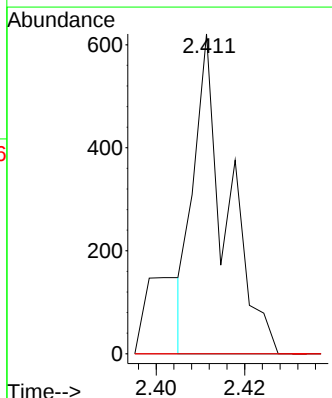
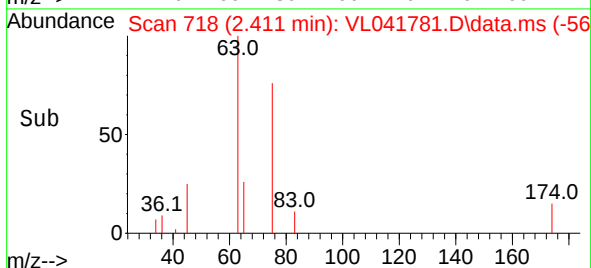
Tgt Ion:	43	Resp:	208
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#
42	0.0	8.2	12.2#
44	173.8	5.0	7.4#

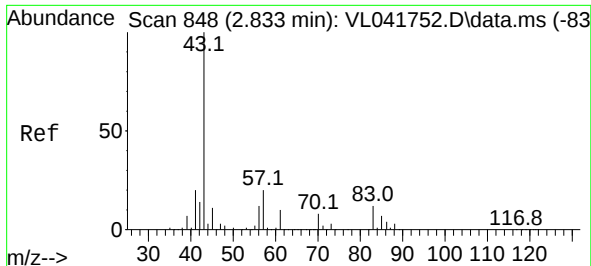


#24
 1,1-Dichloroethane
 Concen: 0.045 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.006 min
 Lab File: VL041781.D
 Acq: 17 Dec 2024 16:17



Tgt Ion:	63	Resp:	321
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.3	6.8#
100	0.0	1.4	4.2#





#25

Ethyl Acetate

Concen: 0.007 ppbv

RT: 2.839 min Scan# 848

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 138

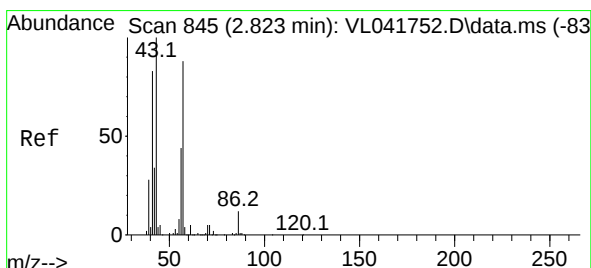
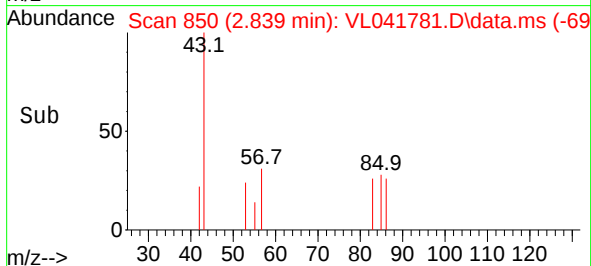
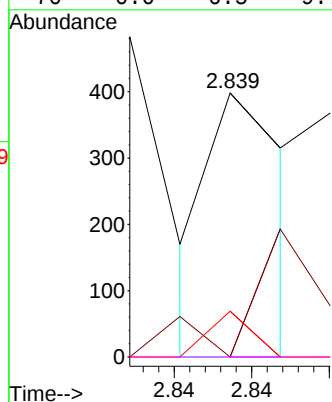
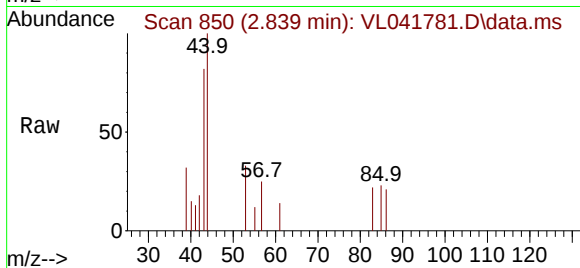
Ion Ratio Lower Upper

43 100

45 0.0 8.1 12.1#

61 0.0 7.0 10.6#

70 0.0 6.5 9.7#



#26

Hexane

Concen: 0.009 ppbv

RT: 2.829 min Scan# 847

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion: 57 Resp: 64

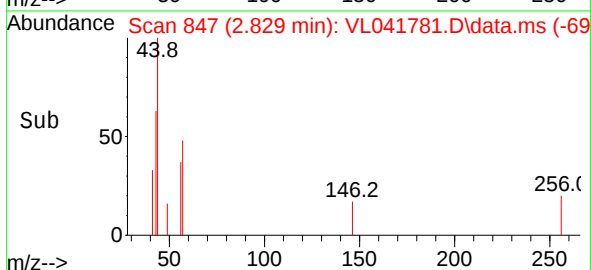
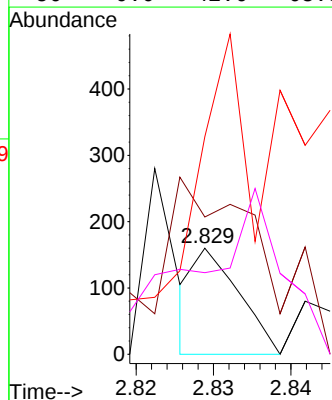
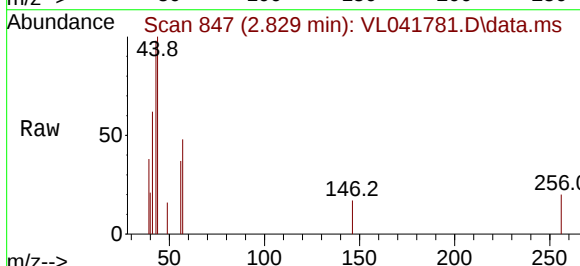
Ion Ratio Lower Upper

57 100

41 431.3 79.6 119.4#

43 0.0 211.0 316.6#

56 0.0 42.6 63.8#





#27

Carbon Disulfide

Concen: 0.026 ppbv

RT: 2.152 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

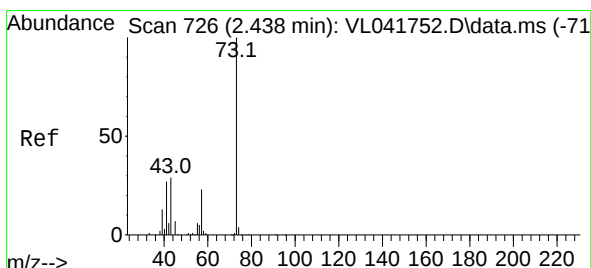
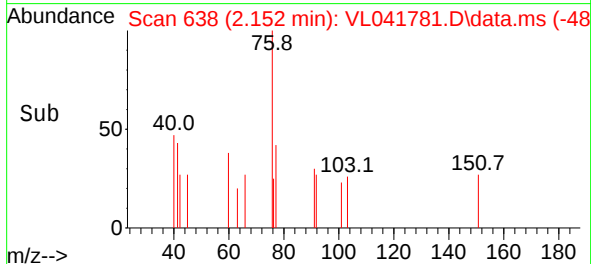
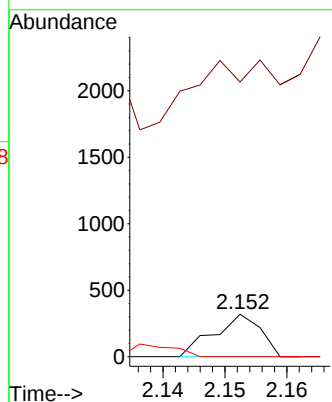
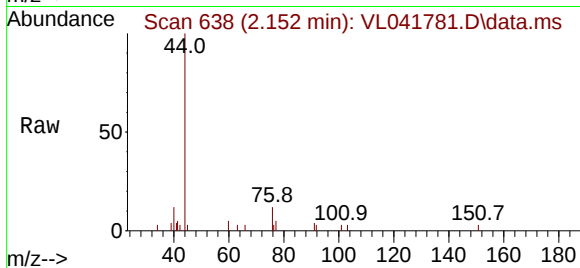
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 168

Ion	Ratio	Lower	Upper
76	100		
44	2418.5	17.6	26.4#
78	26.2	10.2	15.4#



#28

Methyl tert-Butyl Ether

Concen: 0.023 ppbv

RT: 2.447 min Scan# 729

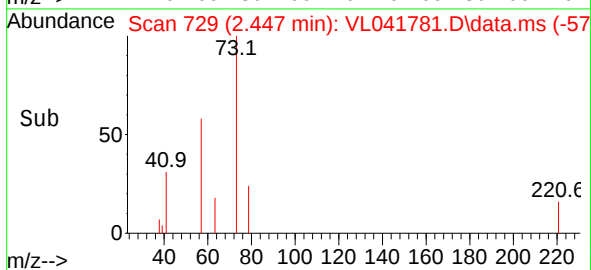
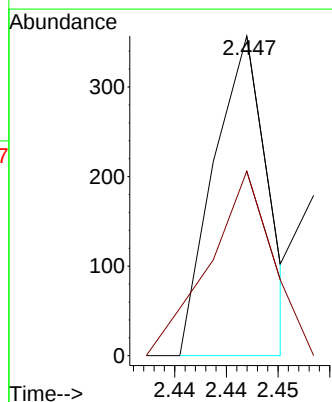
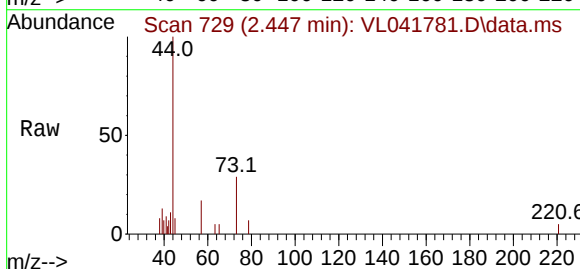
Delta R.T. 0.009 min

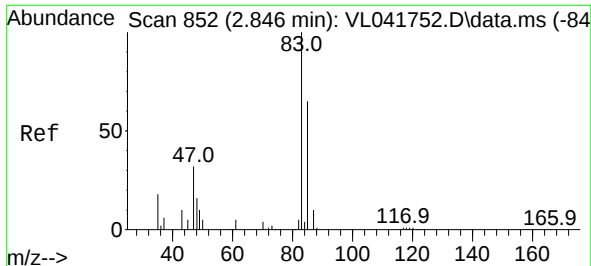
Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion: 73 Resp: 131

Ion	Ratio	Lower	Upper
73	100		
57	91.6	17.6	26.4#





#29

Chloroform

Concen: 0.057 ppbv

RT: 2.845 min Scan# 84

Delta R.T. -0.000 min

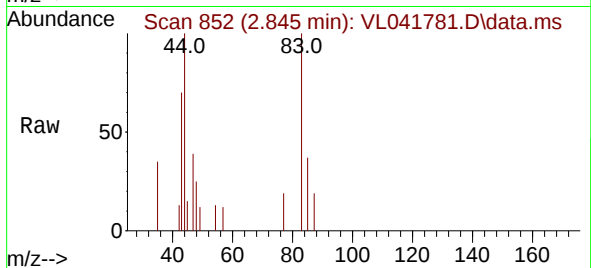
Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

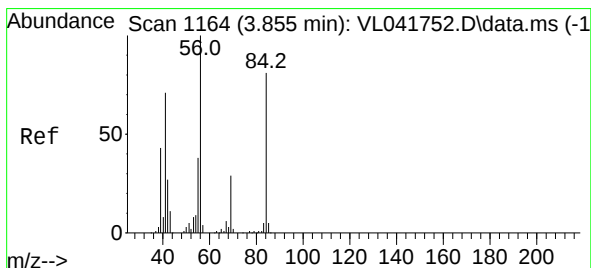
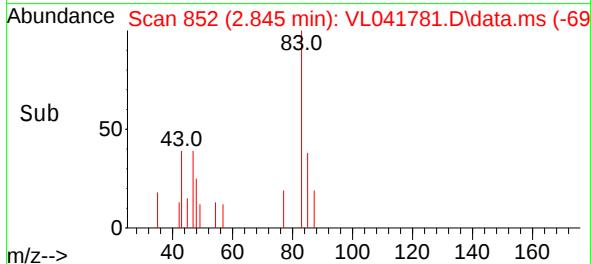
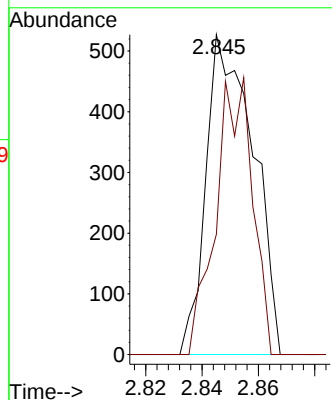


Tgt Ion: 83 Resp: 612

Ion Ratio Lower Upper

83 100

85 37.6 51.8 77.6#



#30

Cyclohexane

Concen: 0.006 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

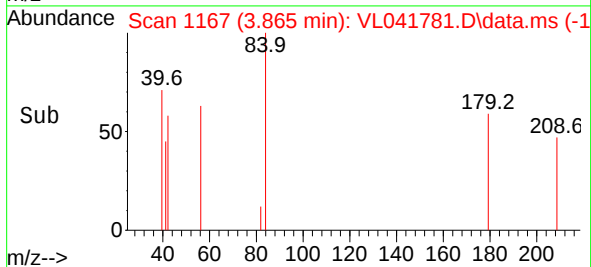
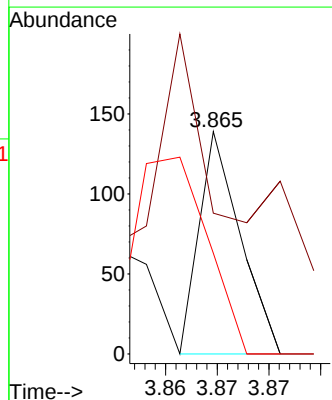
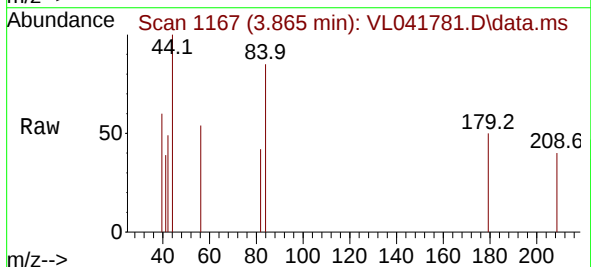
Tgt Ion: 84 Resp: 38

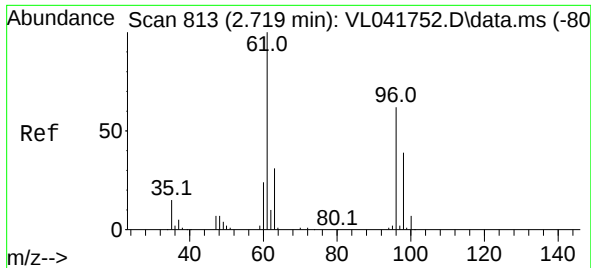
Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 155.3 74.0 111.0#





#31

cis-1,2-Dichloroethene

Concen: 0.041 ppbv

RT: 2.343 min Scan# 61

Delta R.T. -0.376 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

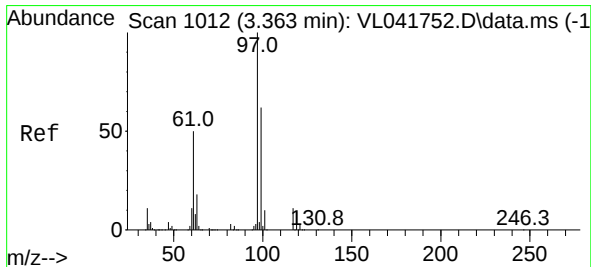
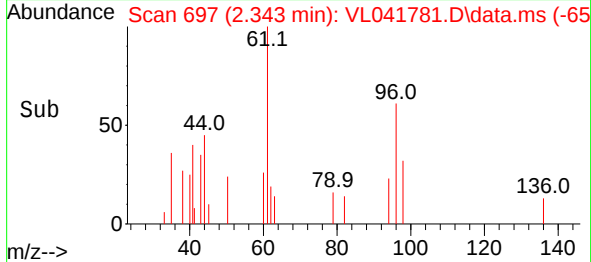
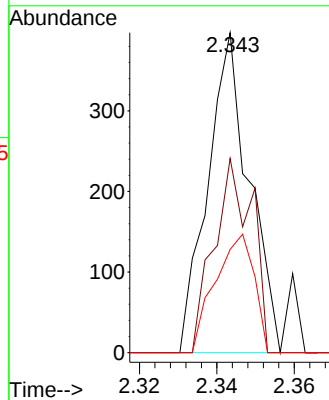
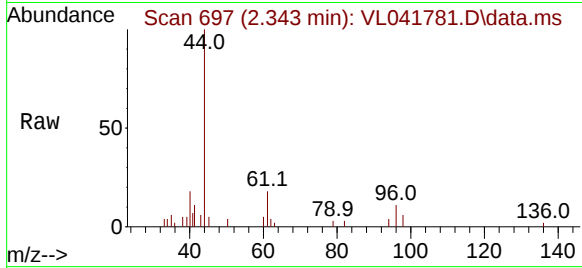
Tgt Ion: 61 Resp: 296

Ion Ratio Lower Upper

61 100

96 60.7 49.7 74.5

98 32.2 30.8 46.2



#32

1,1,1-Trichloroethane

Concen: 0.033 ppbv

RT: 3.373 min Scan# 1015

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

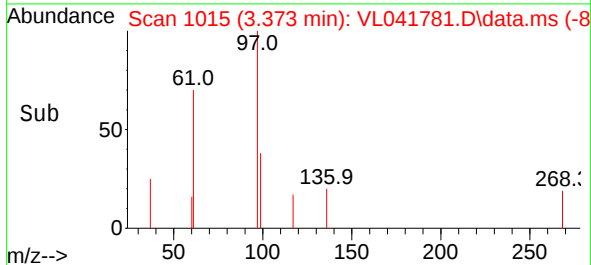
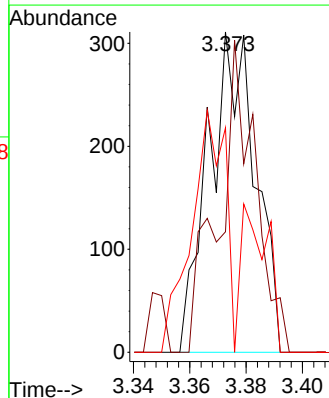
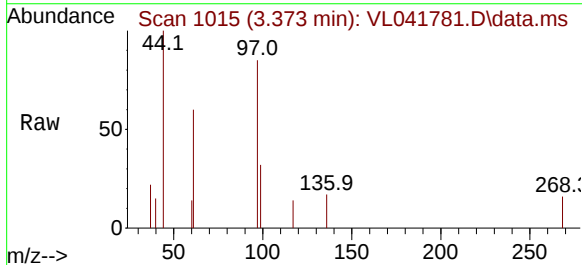
Tgt Ion: 97 Resp: 359

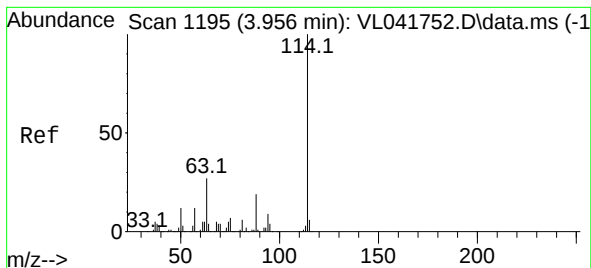
Ion Ratio Lower Upper

97 100

99 85.2 51.0 76.4#

61 80.8 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: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_1

ClientSampleId :

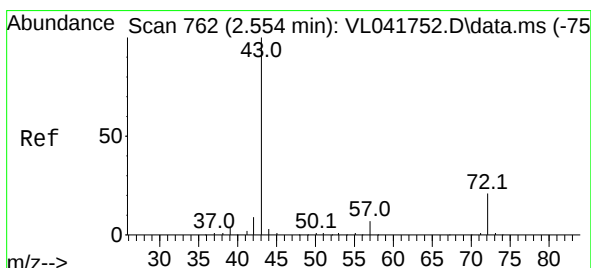
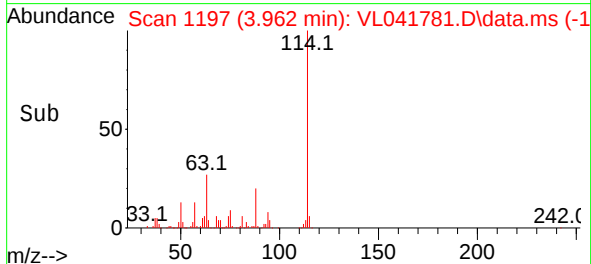
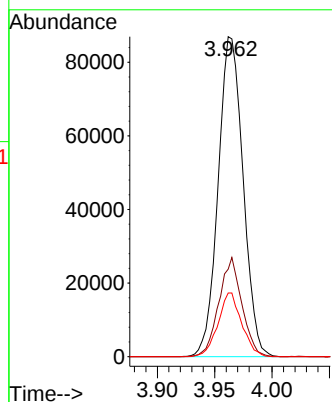
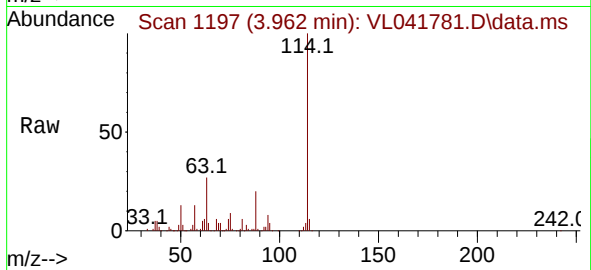
Tgt Ion:114 Resp: 131572

Ion Ratio Lower Upper

114 100

63 28.7 21.8 32.8

88 18.9 14.8 22.2



#34

2-Butanone

Concen: 0.056 ppbv

RT: 2.567 min Scan# 766

Delta R.T. 0.012 min

Lab File: VL041781.D

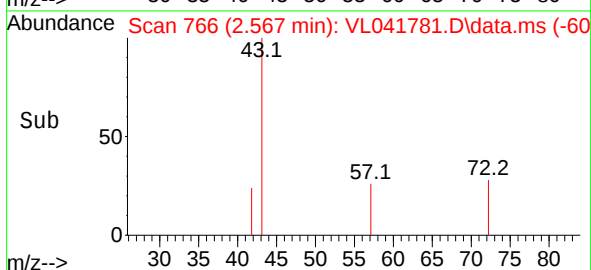
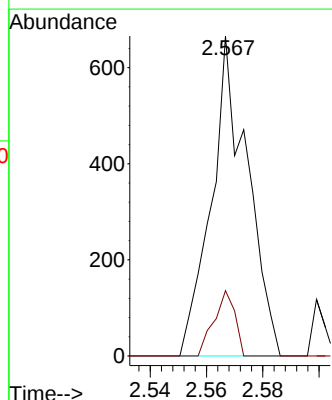
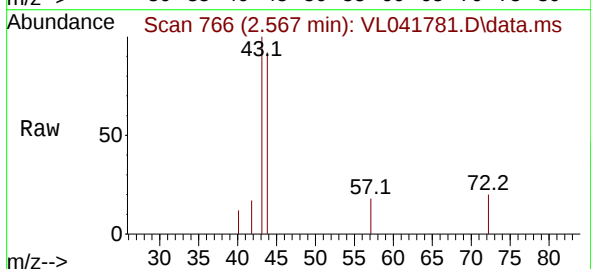
Acq: 17 Dec 2024 16:17

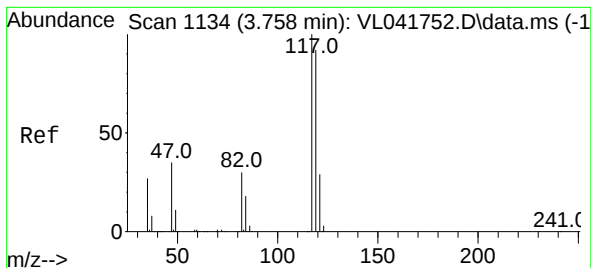
Tgt Ion: 43 Resp: 592

Ion Ratio Lower Upper

43 100

72 11.8 16.8 25.2#





#35

Carbon Tetrachloride

Concen: 0.022 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

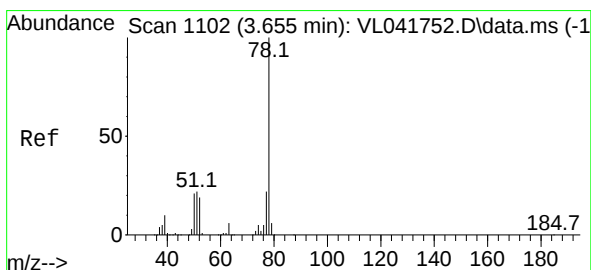
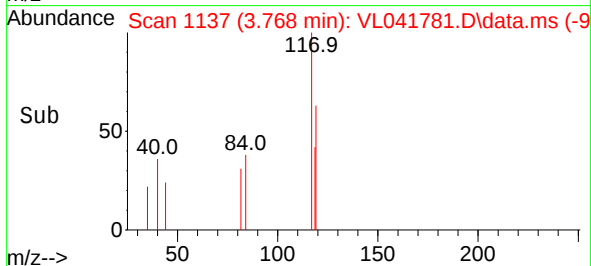
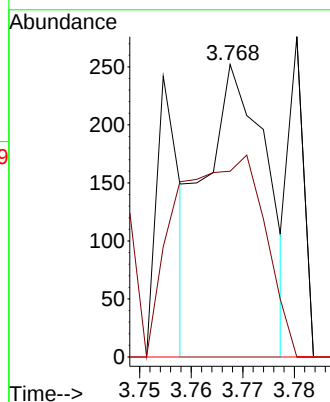
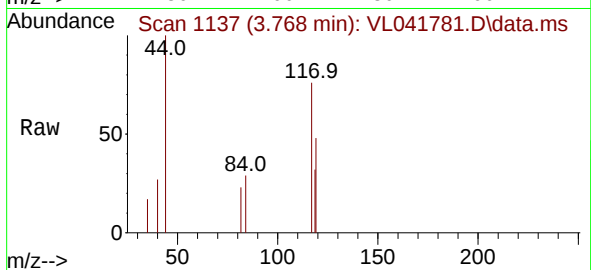
Tgt Ion:117 Resp: 208

Ion Ratio Lower Upper

117 100

119 75.3 73.7 110.5

121 0.0 23.0 34.4#



#36

Benzene

Concen: 0.008 ppbv

RT: 3.661 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

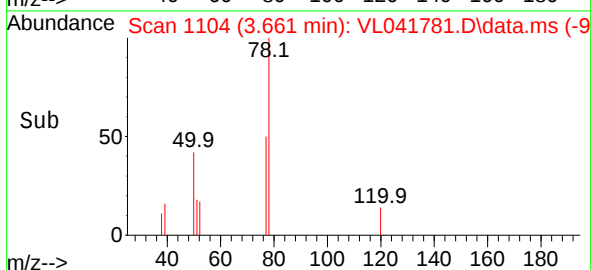
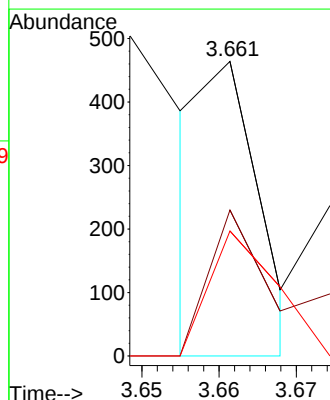
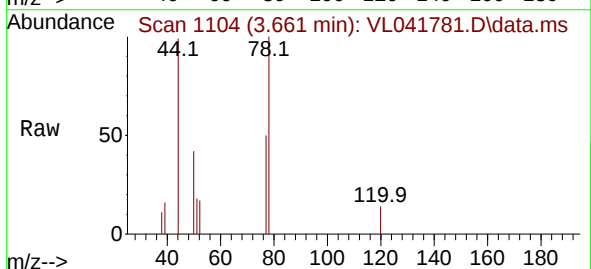
Tgt Ion: 78 Resp: 110

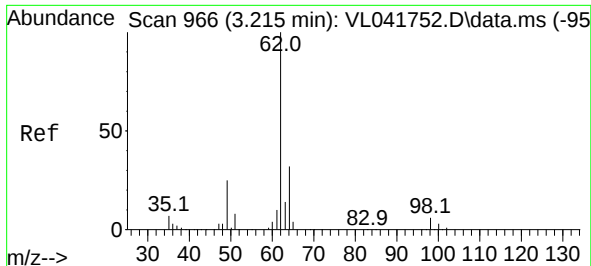
Ion Ratio Lower Upper

78 100

77 63.9 17.8 26.6#

50 54.7 17.2 25.8#





#37

1,2-Dichloroethane

Concen: 0.024 ppbv

RT: 3.224 min Scan# 9

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

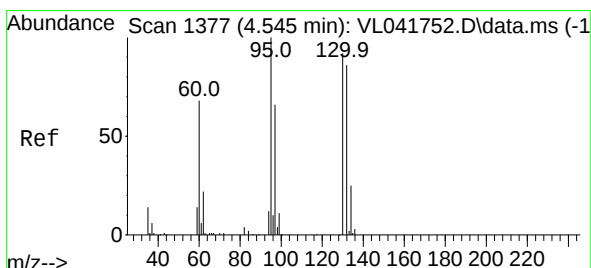
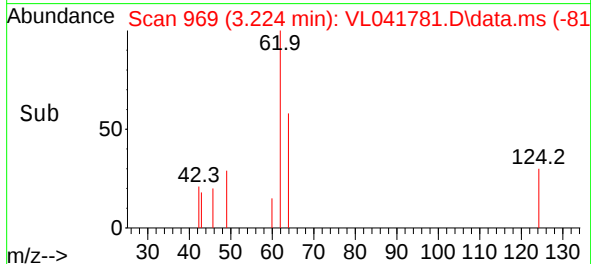
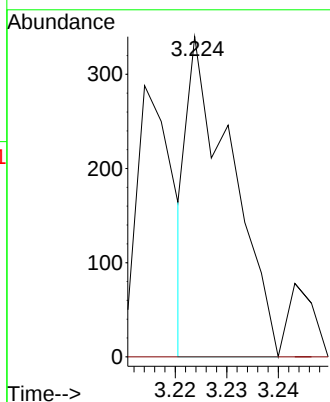
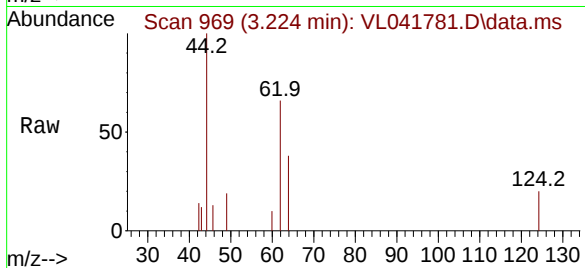
ClientSampleId :

Tgt Ion: 62 Resp: 200

Ion Ratio Lower Upper

62 100

98 0.0 4.7 7.1#



#38

Trichloroethene

Concen: 0.005 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:130 Resp: 31

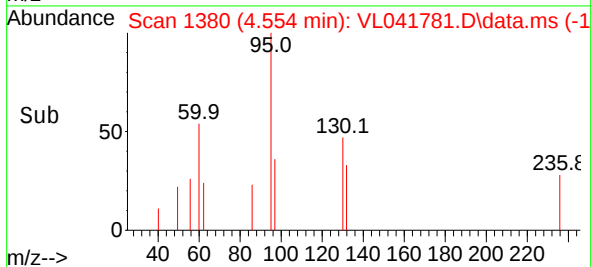
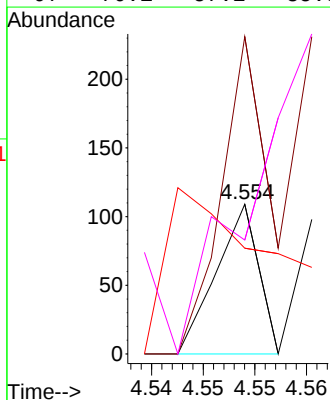
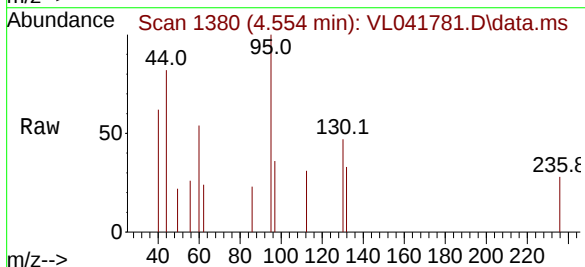
Ion Ratio Lower Upper

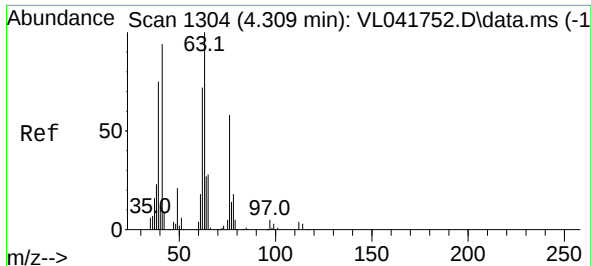
130 100

95 211.9 87.0 130.6#

132 3.7 75.0 112.6#

97 76.1 57.2 85.8





#39

1,2-Dichloropropane

Concen: 7.648 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.344 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

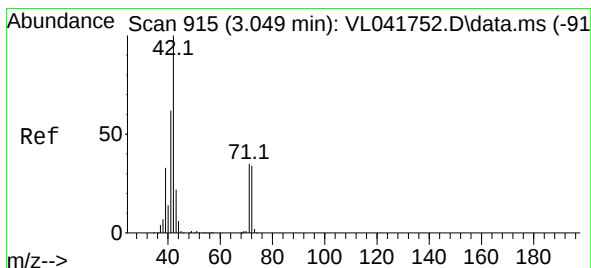
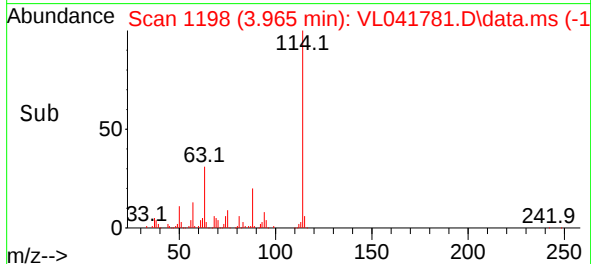
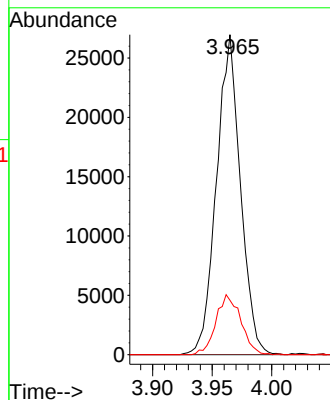
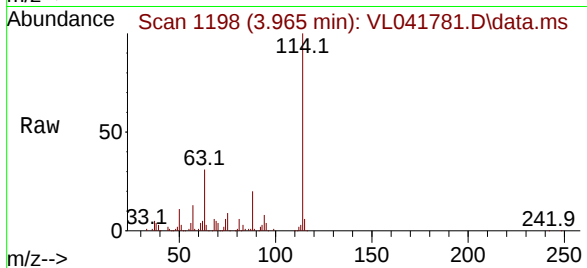
Tgt Ion: 63 Resp: 37645

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 17.0 57.3 85.9#



#41

Tetrahydrofuran

Concen: 0.045 ppbv

RT: 3.078 min Scan# 924

Delta R.T. 0.029 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

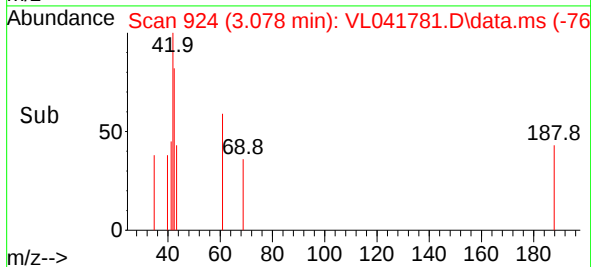
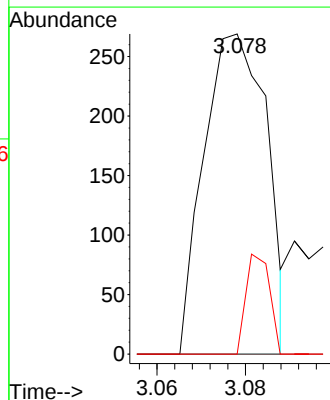
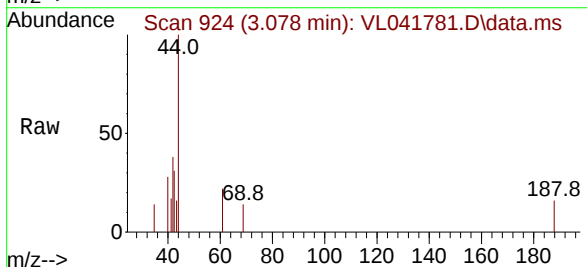
Tgt Ion: 42 Resp: 265

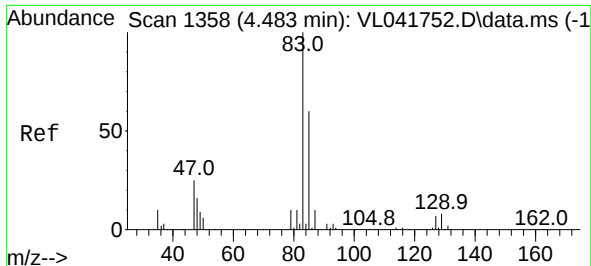
Ion Ratio Lower Upper

42 100

72 0.0 29.1 43.7#

71 0.0 28.4 42.6#





#42

Bromodichloromethane

Concen: 0.011 ppbv

RT: 4.493 min Scan# 14

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

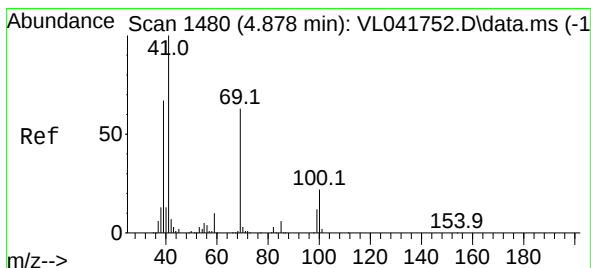
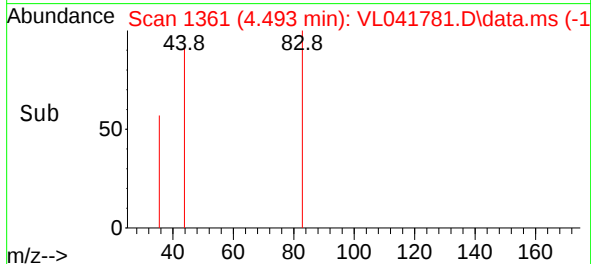
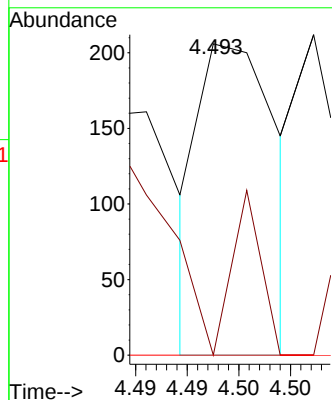
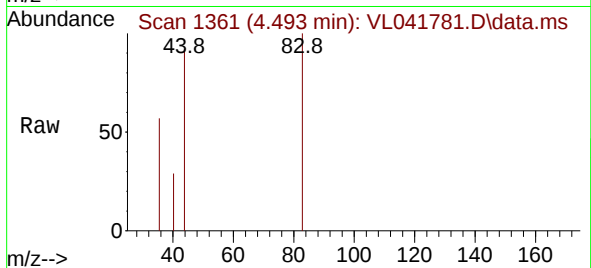
Tgt Ion: 83 Resp: 107

Ion Ratio Lower Upper

83 100

85 0.0 48.0 72.0#

127 0.0 5.8 8.8#



#43

Methyl Methacrylate

Concen: 0.009 ppbv

RT: 4.897 min Scan# 1486

Delta R.T. 0.019 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

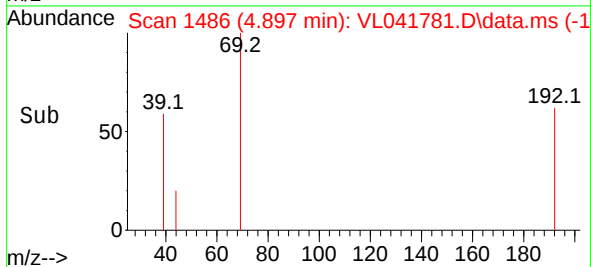
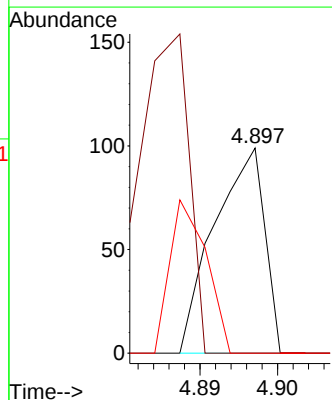
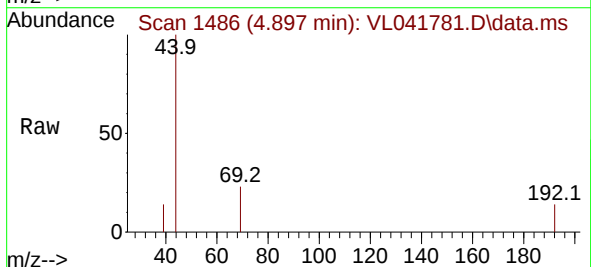
Tgt Ion: 69 Resp: 45

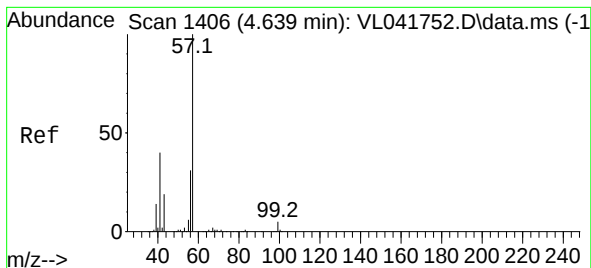
Ion Ratio Lower Upper

69 100

41 153.3 130.3 195.5

100 53.3 28.3 42.5#





#44

2,2,4-Trimethylpentane

Concen: 0.006 ppbv

RT: 4.645 min Scan# 1408

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

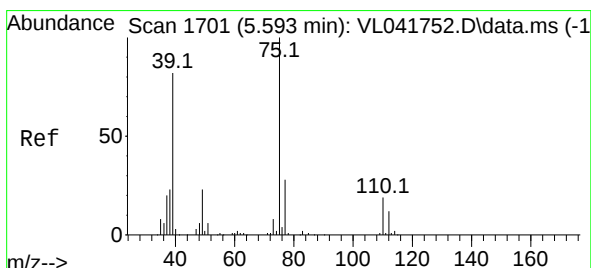
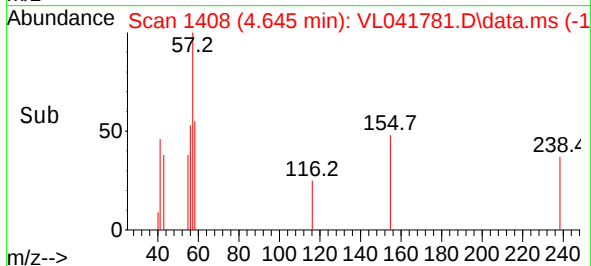
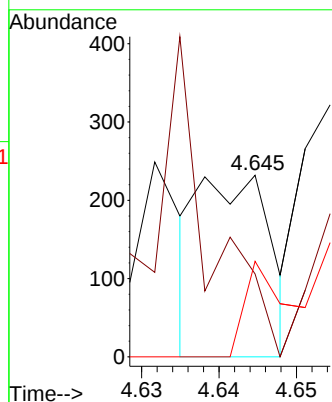
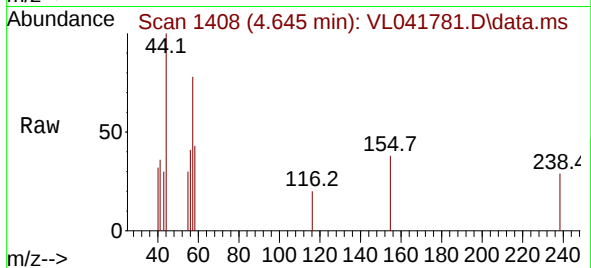
Tgt Ion: 57 Resp: 148

Ion Ratio Lower Upper

57 100

41 0.0 30.7 46.1#

56 0.0 25.4 38.0#



#46

cis-1,3-Dichloropropene

Concen: 0.006 ppbv

RT: 5.606 min Scan# 1705

Delta R.T. 0.012 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

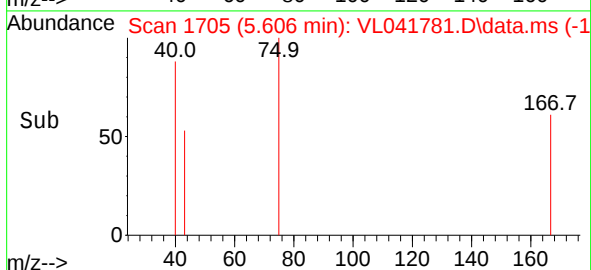
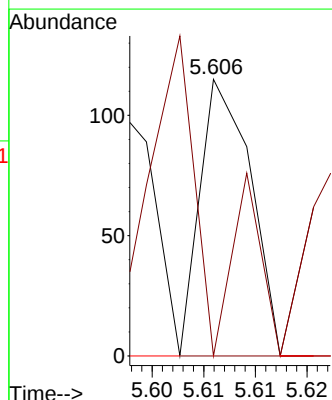
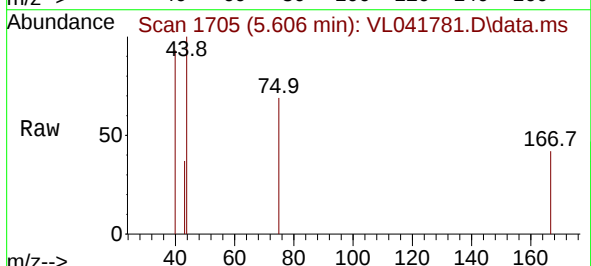
Tgt Ion: 75 Resp: 39

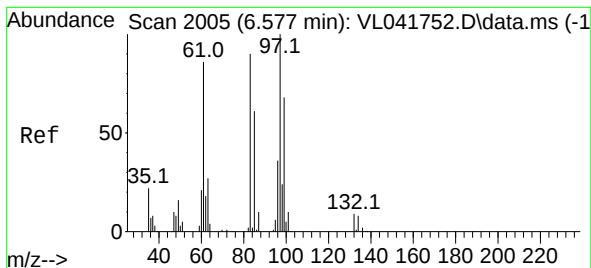
Ion Ratio Lower Upper

75 100

39 0.0 65.2 97.8#

77 0.0 22.0 33.0#





#47

1,1,2-Trichloroethane

Concen: 0.011 ppbv

RT: 6.583 min Scan# 2005

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 58

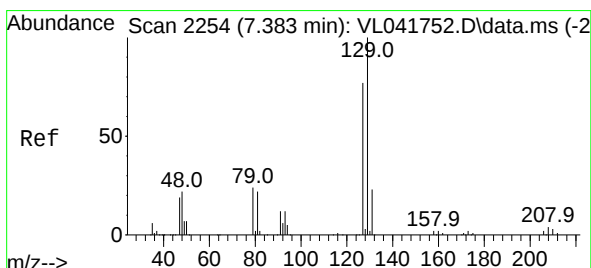
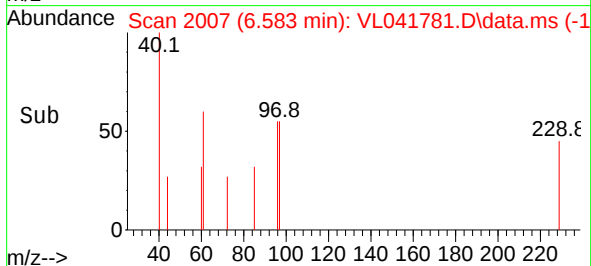
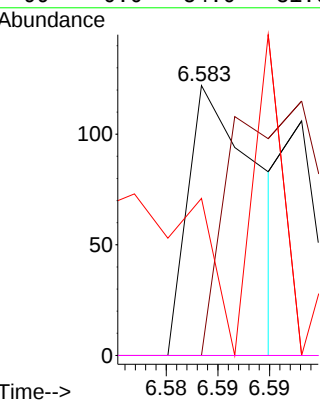
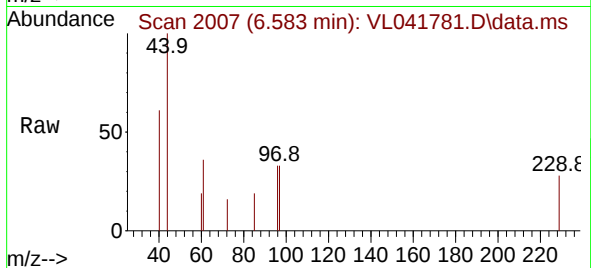
Ion Ratio Lower Upper

97 100

83 0.0 72.3 108.5#

85 14.8 48.5 72.7#

99 0.0 54.0 81.0#



#48

Dibromochloromethane

Concen: 0.009 ppbv

RT: 7.393 min Scan# 2257

Delta R.T. 0.009 min

Lab File: VL041781.D

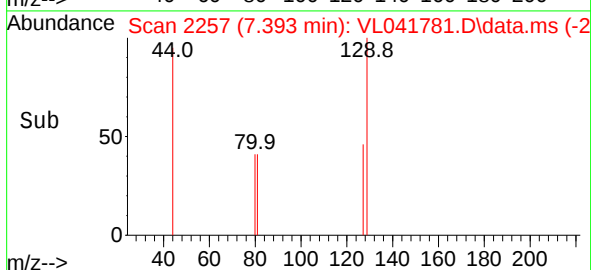
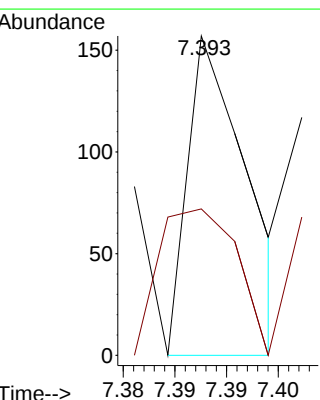
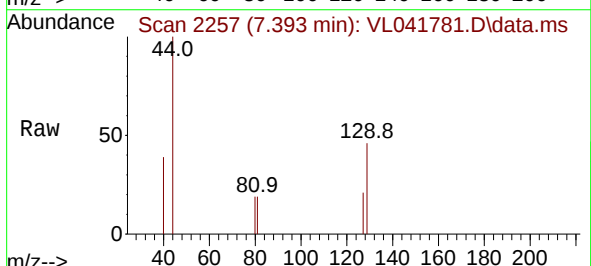
Acq: 17 Dec 2024 16:17

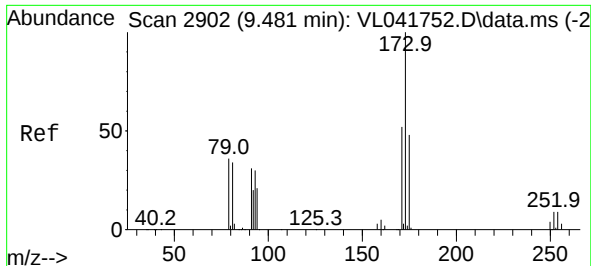
Tgt Ion:129 Resp: 63

Ion Ratio Lower Upper

129 100

127 81.0 38.8 116.3





#49

Bromoform

Concen: 0.003 ppbv

RT: 9.496 min Scan# 20

Delta R.T. 0.016 min

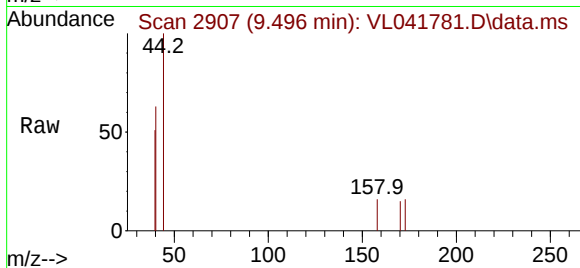
Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

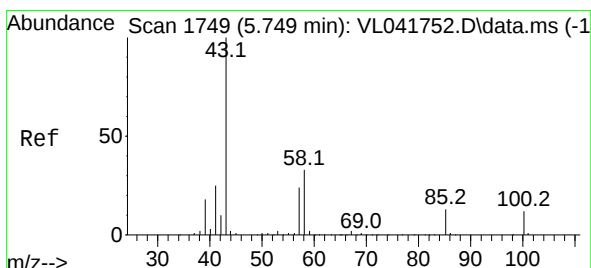
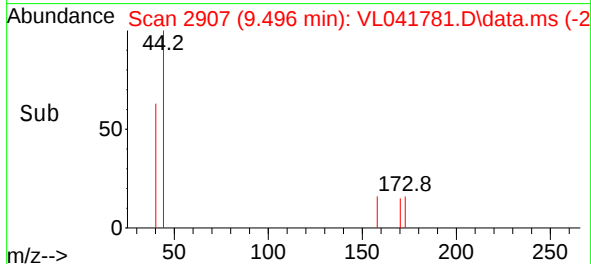
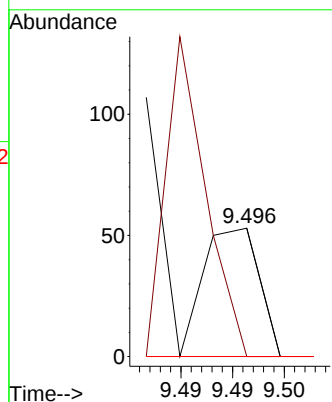
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	20
Ion	Ratio	Lower	Upper
173	100		
175	175.0	38.2	57.2#
171	0.0	41.1	61.7#



#50

4-Methyl-2-Pentanone

Concen: 0.004 ppbv

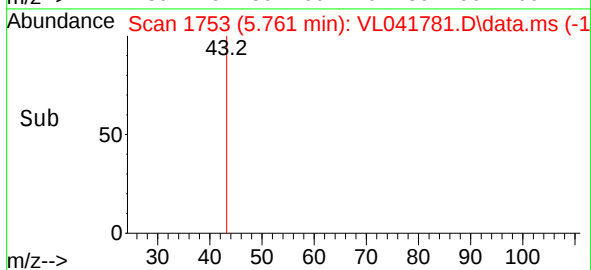
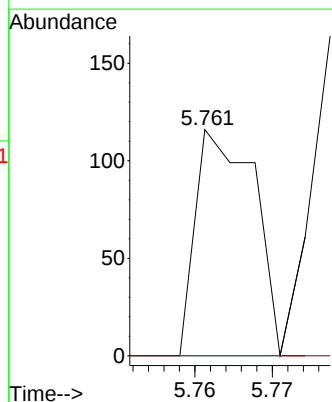
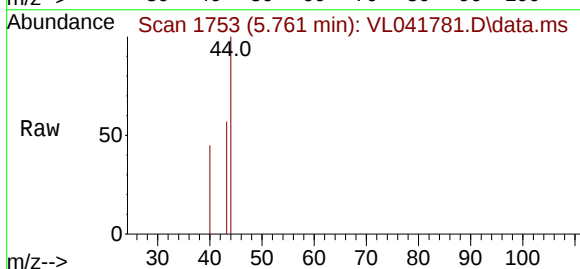
RT: 5.761 min Scan# 1753

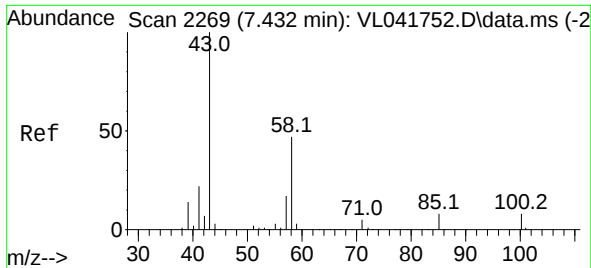
Delta R.T. 0.012 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

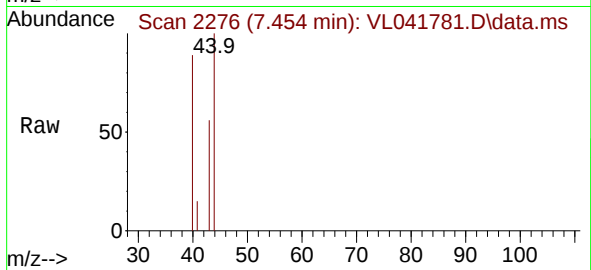
Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#





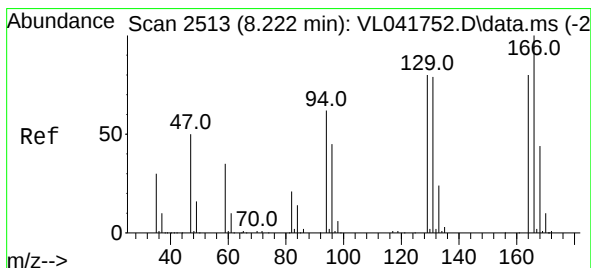
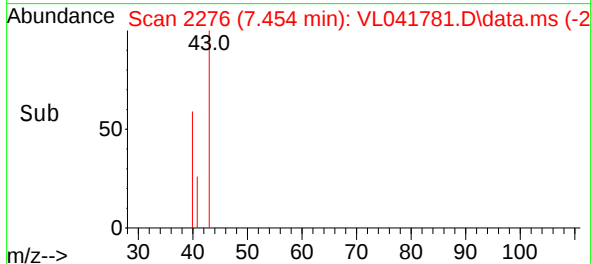
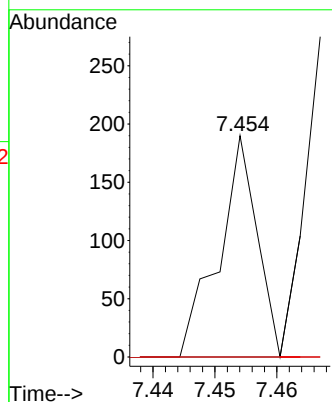
#51
2-Hexanone
Concen: 0.007 ppbv
RT: 7.454 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 82

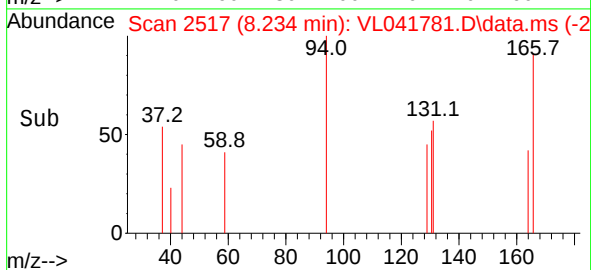
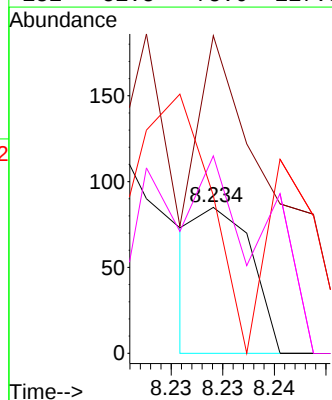
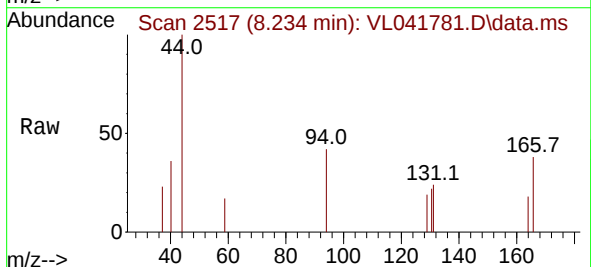
Ion	Ratio	Lower	Upper
43	100		
58	0.0	36.6	55.0#
98	0.0	0.1	0.1#

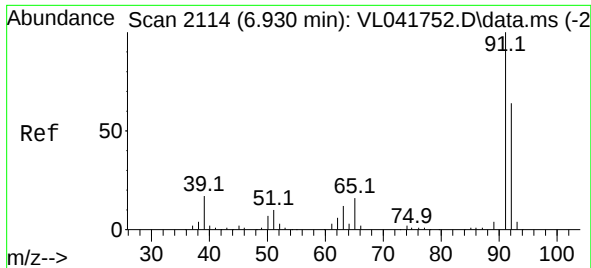


#52
Tetrachloroethene
Concen: 0.006 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.012 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion: 164 Resp: 30

Ion	Ratio	Lower	Upper
164	100		
166	130.6	99.8	149.6
129	0.0	79.6	119.4#
131	51.8	78.6	117.8#

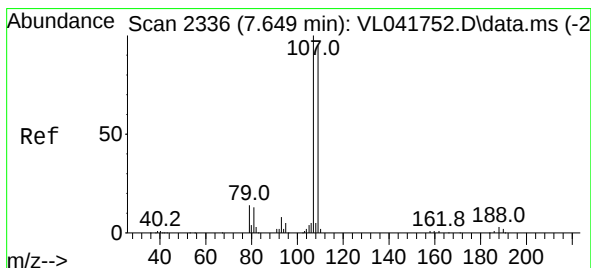
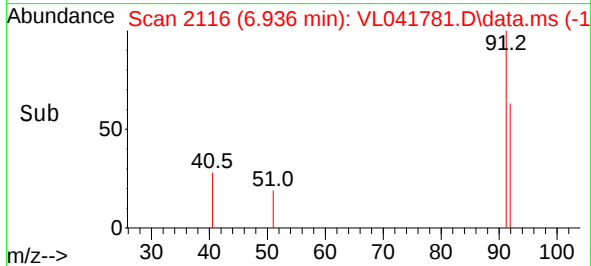
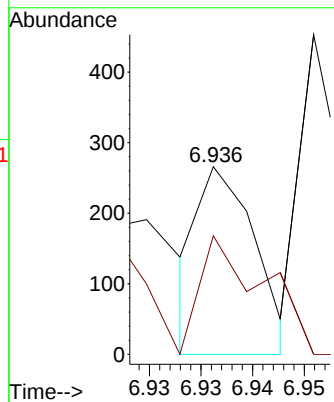
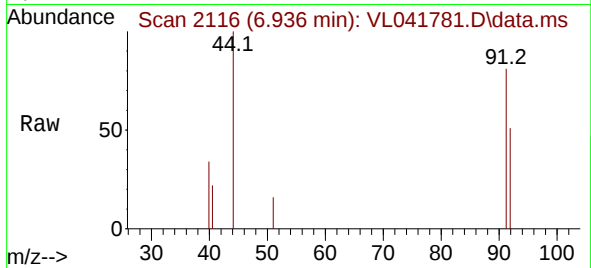




#53
Toluene
Concen: 0.007 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

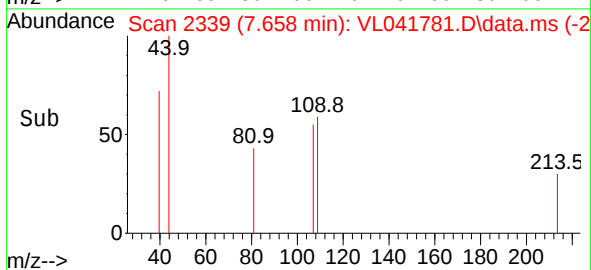
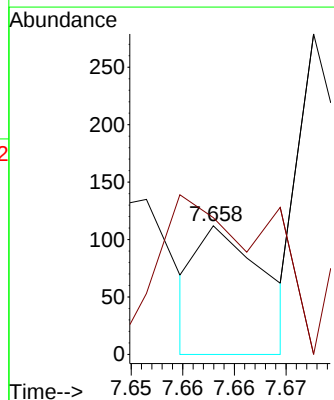
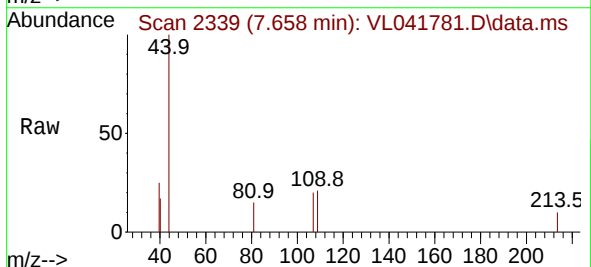
Instrument :
MSVOA_L
ClientSampleId :

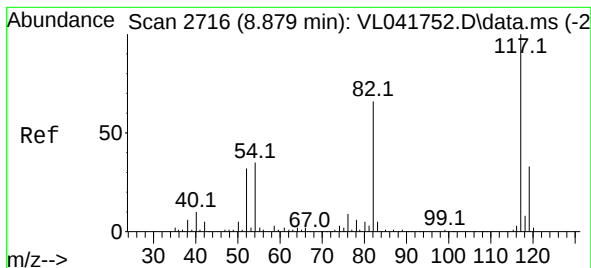
Tgt Ion: 91 Resp: 101
Ion Ratio Lower Upper
91 100
92 0.0 47.9 71.9#



#54
1,2-Dibromoethane
Concen: 0.007 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.009 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion: 107 Resp: 50
Ion Ratio Lower Upper
107 100
109 0.0 75.9 113.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

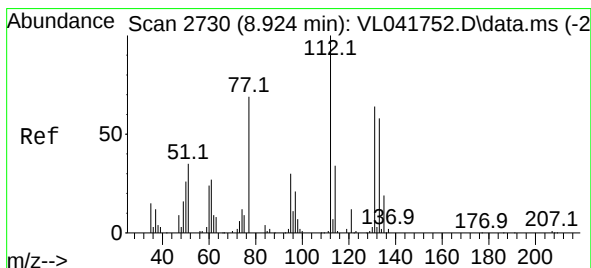
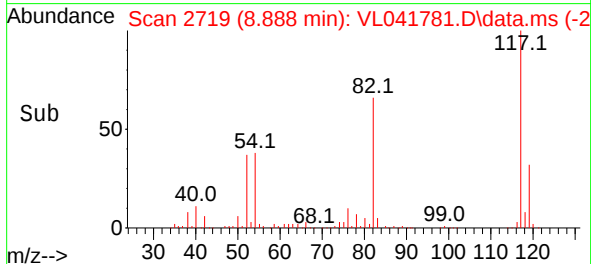
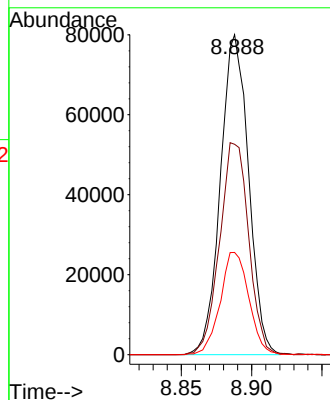
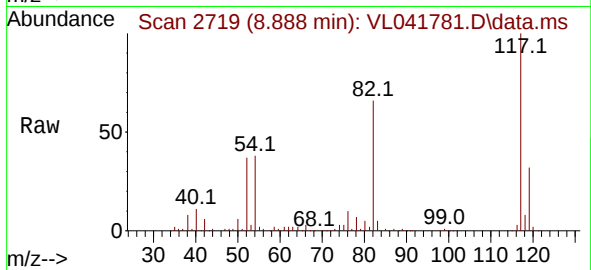
Tgt Ion:117 Resp: 111343

Ion Ratio Lower Upper

117 100

82 68.5 53.8 80.8

119 32.7 26.7 40.1



#56

1,1,1,2-Tetrachloroethane

Concen: 0.021 ppbv

RT: 8.943 min Scan# 2736

Delta R.T. 0.019 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

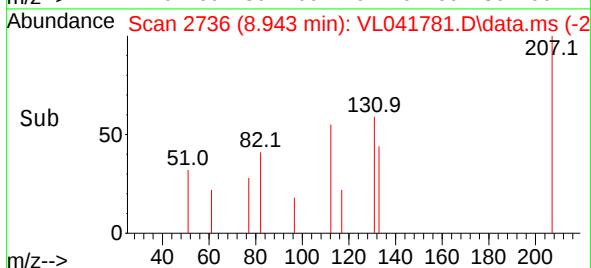
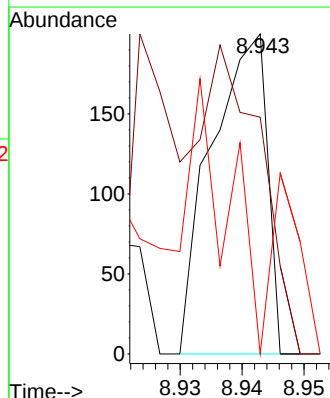
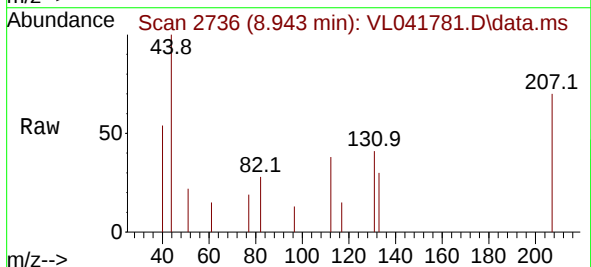
Tgt Ion:131 Resp: 125

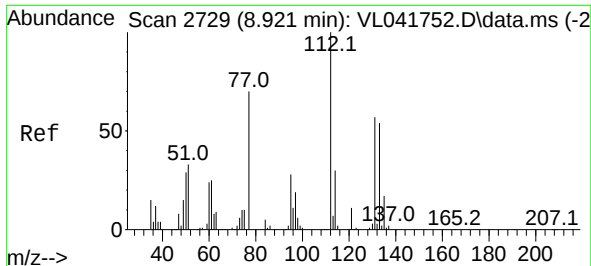
Ion Ratio Lower Upper

131 100

133 0.0 76.8 115.2#

119 0.0 49.0 73.6#





#57

Chlorobenzene

Concen: 0.015 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

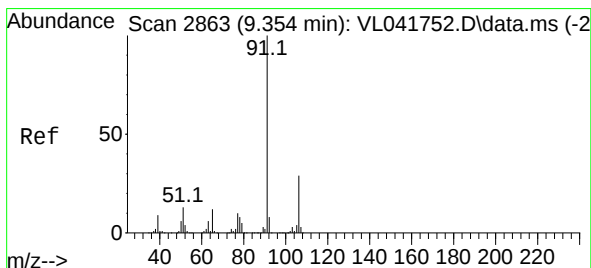
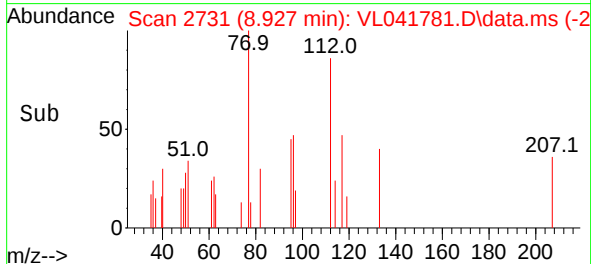
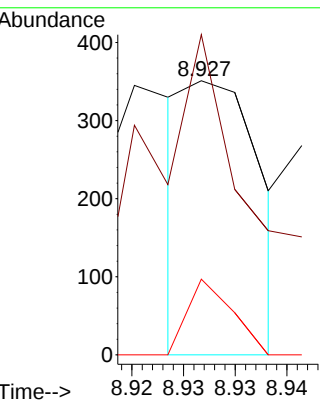
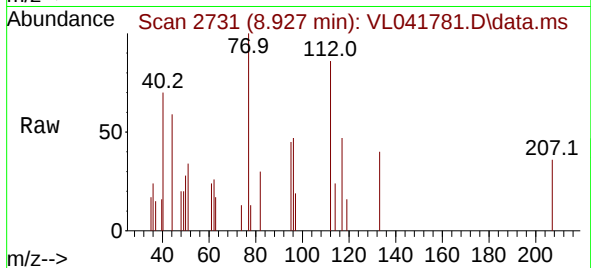
Tgt Ion:112 Resp: 174

Ion Ratio Lower Upper

112 100

77 175.2 57.4 86.0#

114 68.8 27.4 33.4#



#58

Ethyl Benzene

Concen: 0.016 ppbv

RT: 9.364 min Scan# 2866

Delta R.T. 0.009 min

Lab File: VL041781.D

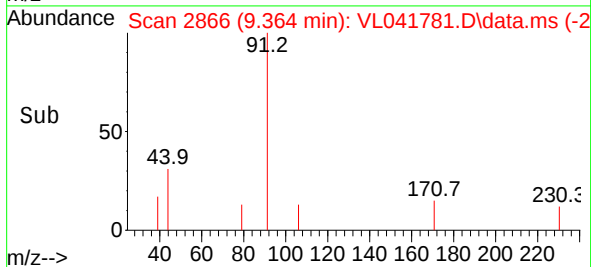
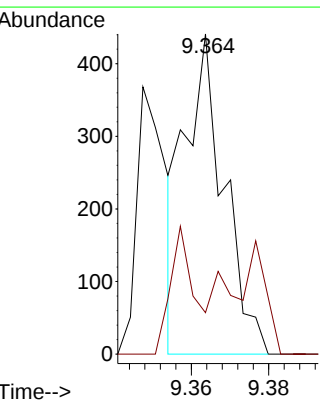
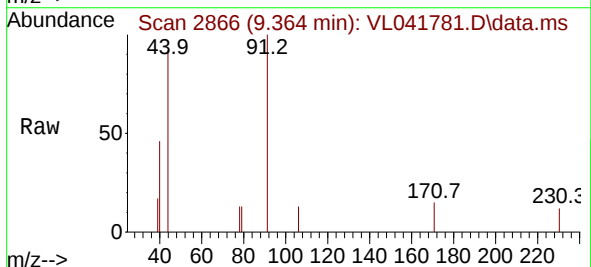
Acq: 17 Dec 2024 16:17

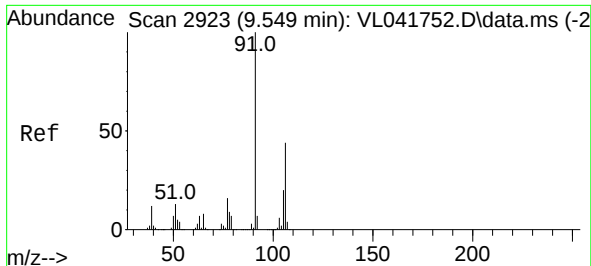
Tgt Ion: 91 Resp: 311

Ion Ratio Lower Upper

91 100

106 0.0 23.5 35.3#





#59

m/p-Xylene

Concen: 0.019 ppbv

RT: 9.558 min Scan# 2923

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

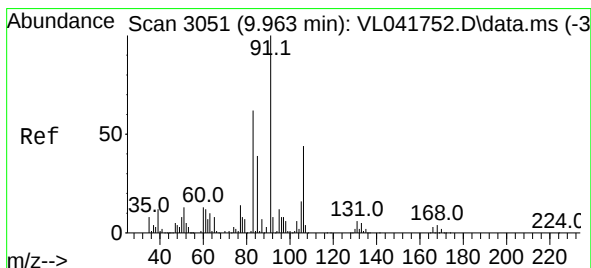
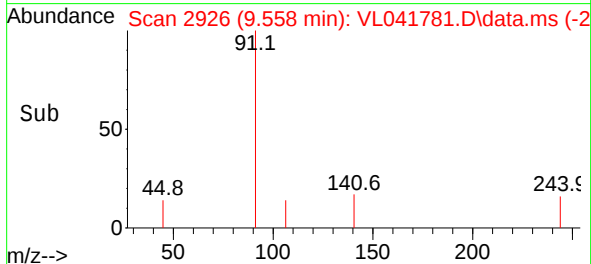
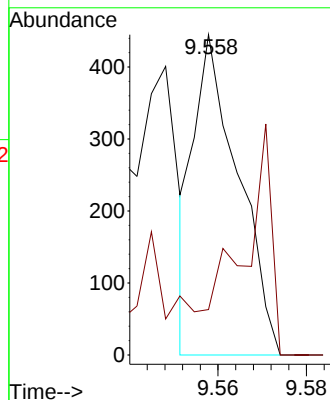
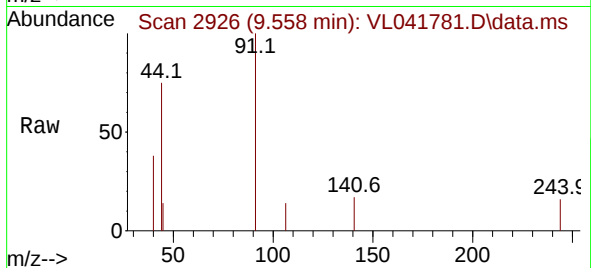
ClientSampleId :

Tgt Ion: 91 Resp: 309

Ion Ratio Lower Upper

91 100

106 88.0 0.0 0.0#



#60

o-Xylene

Concen: 0.014 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL041781.D

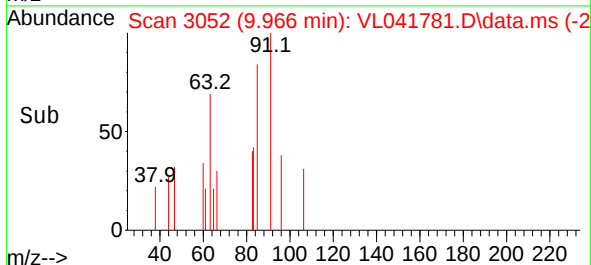
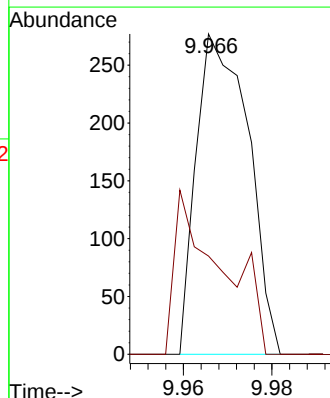
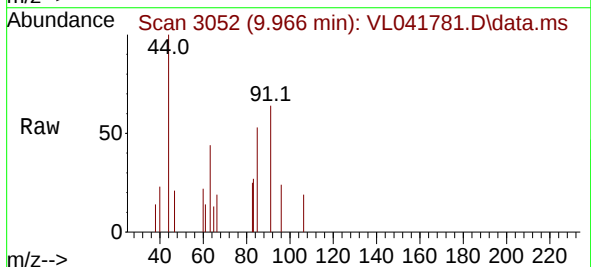
Acq: 17 Dec 2024 16:17

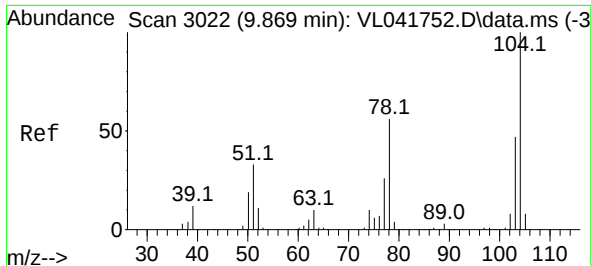
Tgt Ion: 91 Resp: 226

Ion Ratio Lower Upper

91 100

106 46.0 21.1 63.4

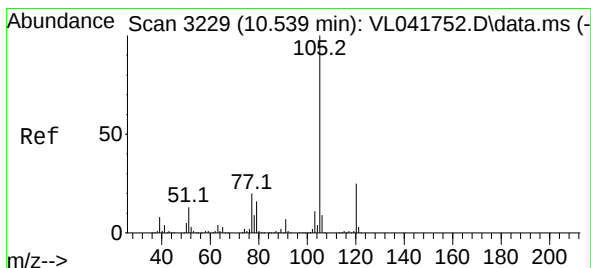
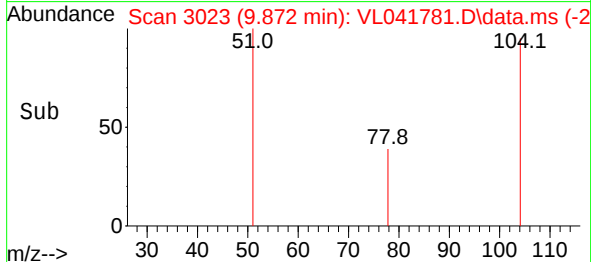
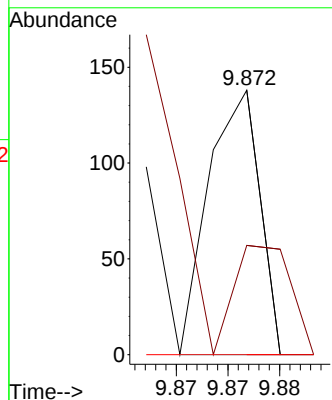
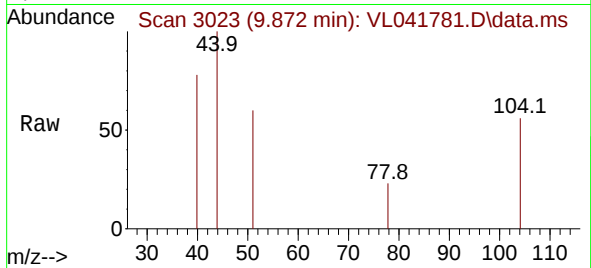




#61
Styrene
Concen: 0.007 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

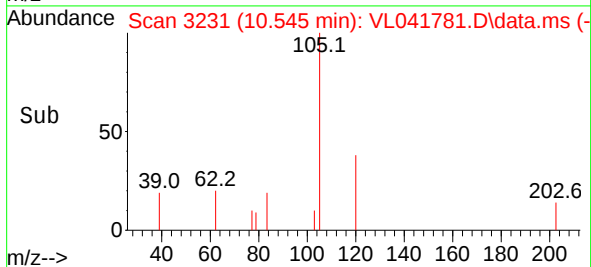
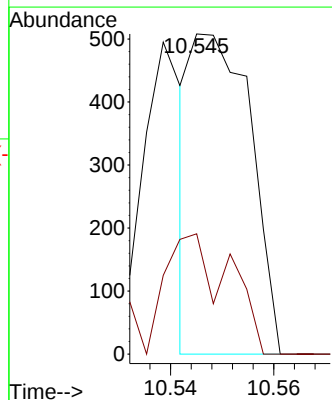
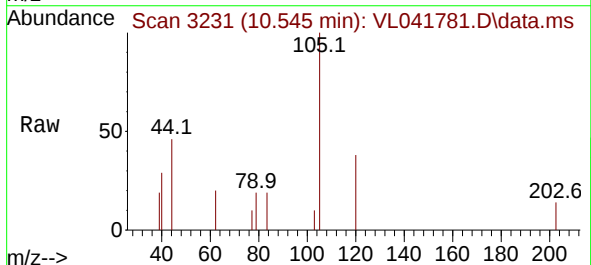
Instrument :
MSVOA_L
ClientSampleId :

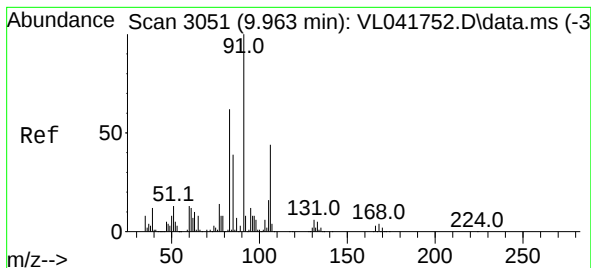
Tgt Ion:104 Resp: 48
Ion Ratio Lower Upper
104 100
78 0.0 43.8 65.6#
103 0.0 37.8 56.6#



#62
Isopropylbenzene
Concen: 0.017 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.006 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

Tgt Ion:105 Resp: 408
Ion Ratio Lower Upper
105 100
120 43.9 19.8 29.8#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.023 ppbv

RT: 9.969 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL041781.D

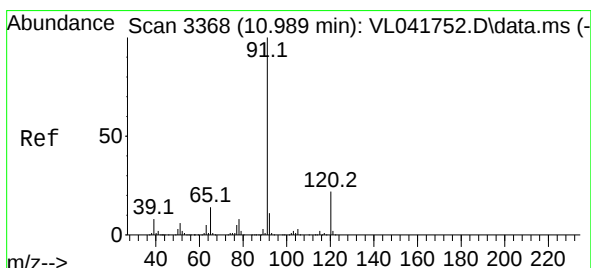
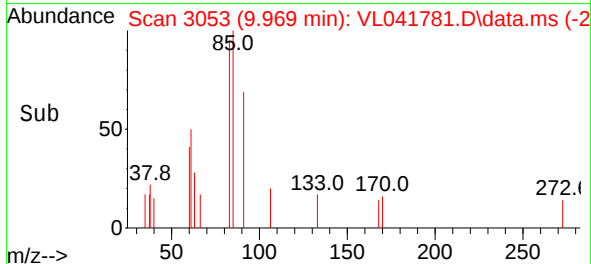
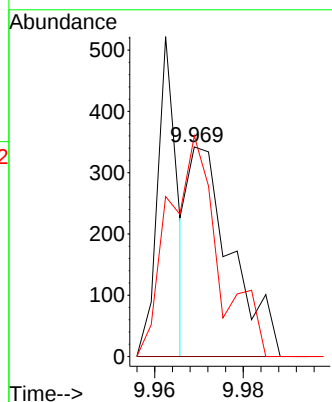
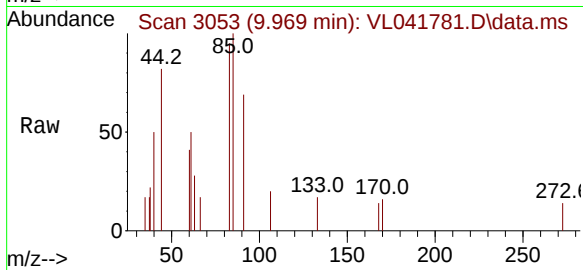
Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	83	Resp:	228
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.9	14.7#
85	124.1	32.0	96.2#



#64

n-propylbenzene

Concen: 0.006 ppbv

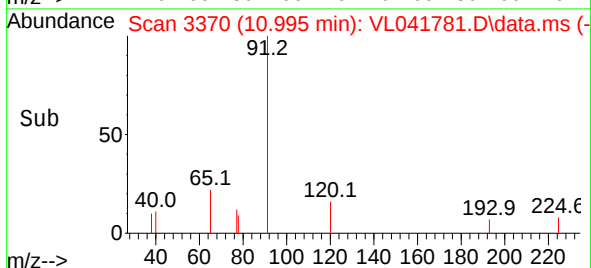
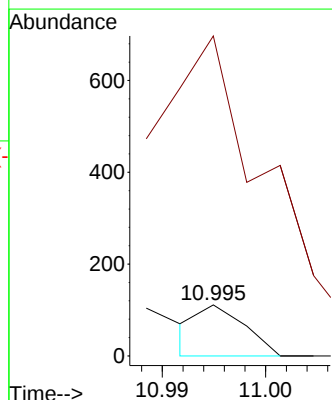
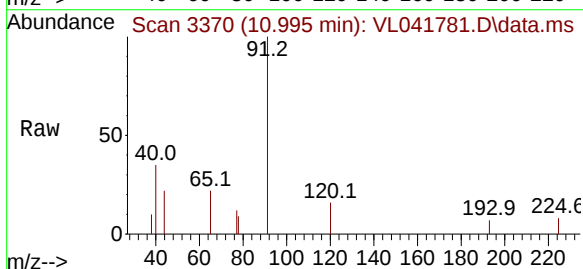
RT: 10.995 min Scan# 3370

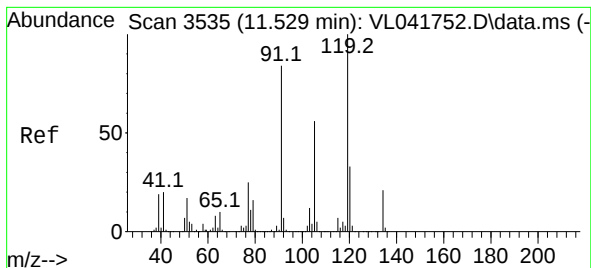
Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:	120	Resp:	34
Ion	Ratio	Lower	Upper
120	100		
91	2070.6	387.3	580.9#





#65

tert-Butylbenzene

Concen: 0.006 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.012 min

Lab File: VL041781.D

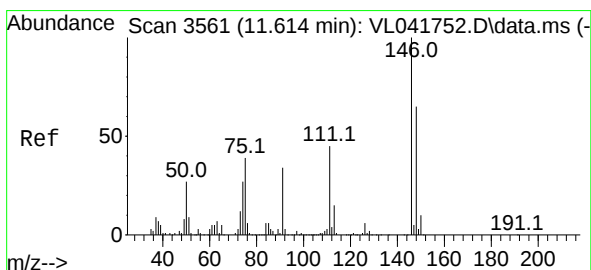
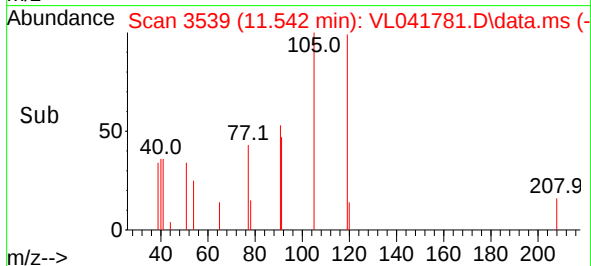
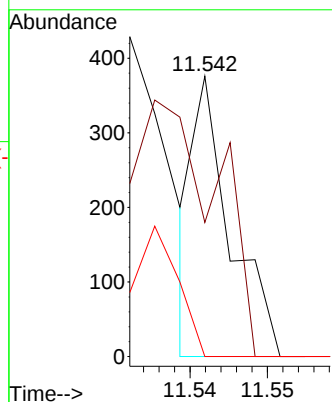
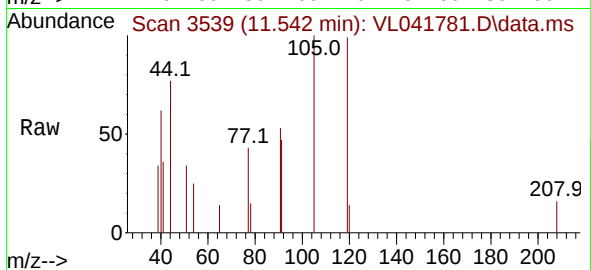
Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	123
Ion	Ratio	Lower	Upper
119	100		
91	0.0	67.0	100.4#
134	0.0	16.5	24.7#



#66

Benzyl Chloride

Concen: 0.029 ppbv

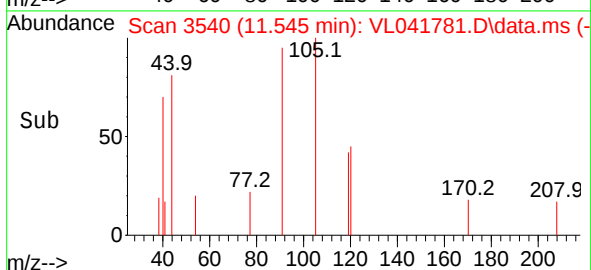
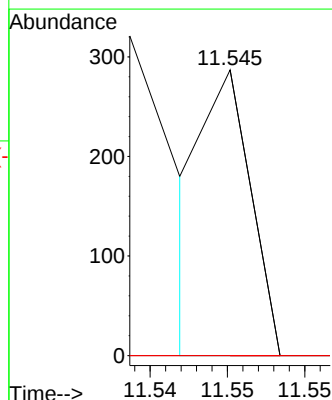
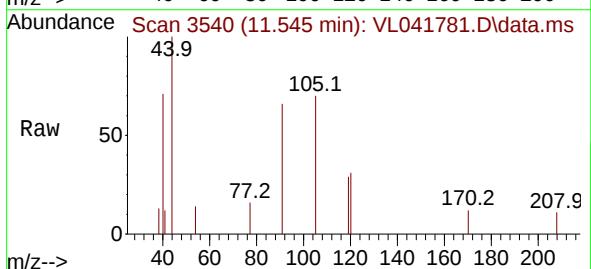
RT: 11.545 min Scan# 3540

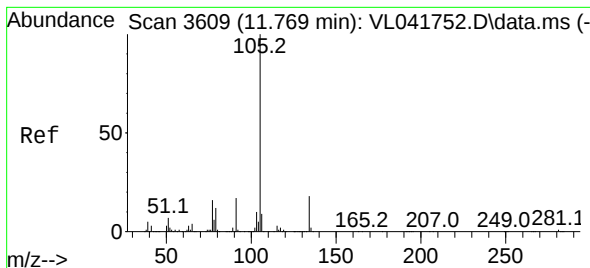
Delta R.T. -0.068 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:	91	Resp:	56
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.9	20.9#
128	0.0	4.4	6.6#





#67

sec-Butylbenzene

Concen: 0.019 ppbv

RT: 11.772 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

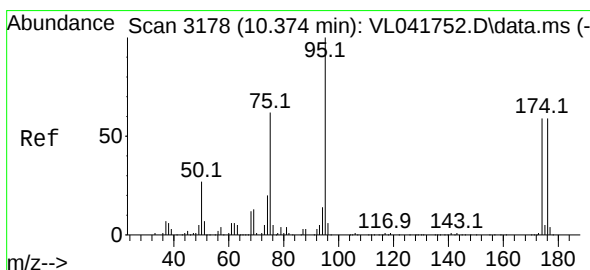
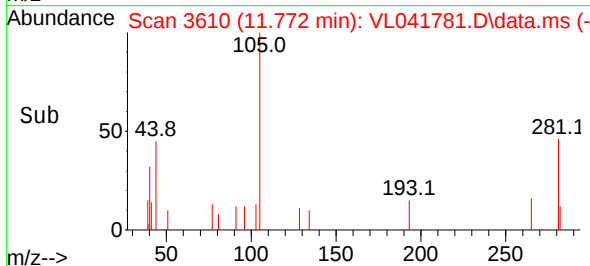
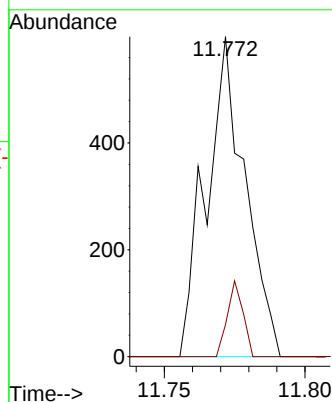
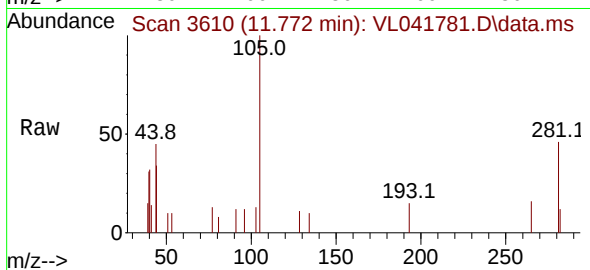
ClientSampleId :

Tgt Ion:105 Resp: 575

Ion Ratio Lower Upper

105 100

134 9.6 14.5 21.7#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.102 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

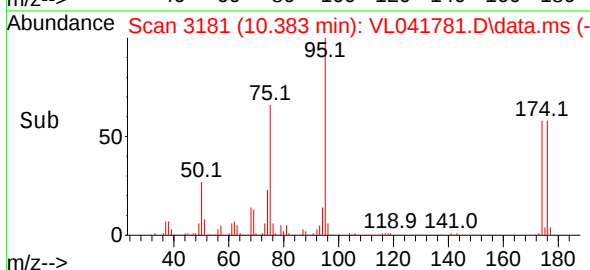
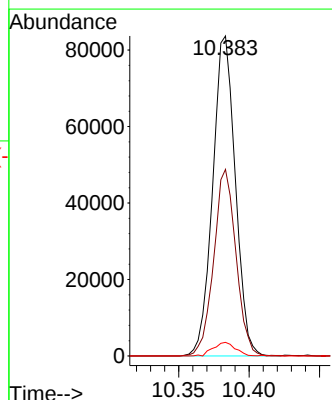
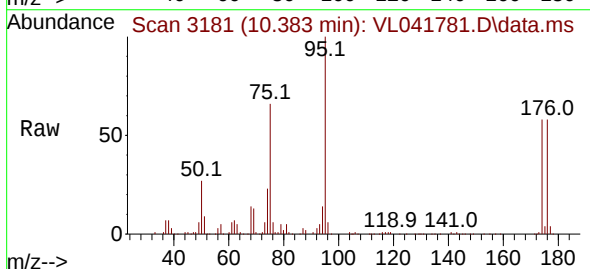
Tgt Ion: 95 Resp: 93730

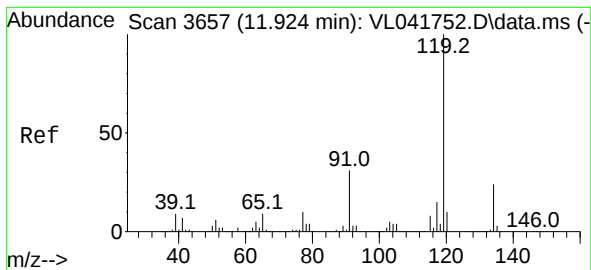
Ion Ratio Lower Upper

95 100

174 57.3 47.6 71.4

175 4.2 3.7 5.5





#69

p-Isopropyltoluene

Concen: 0.006 ppbv

RT: 11.934 min Scan# 3660

Delta R.T. 0.009 min

Lab File: VL041781.D

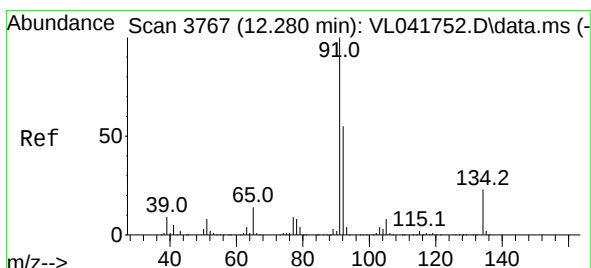
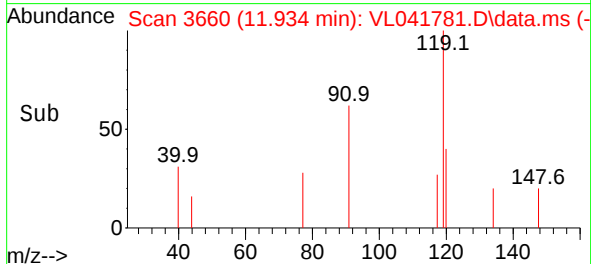
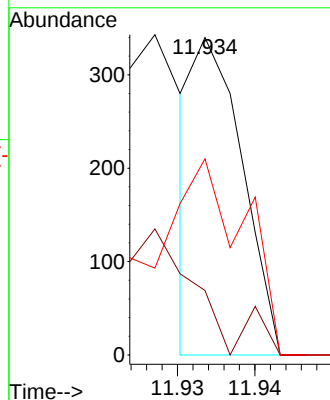
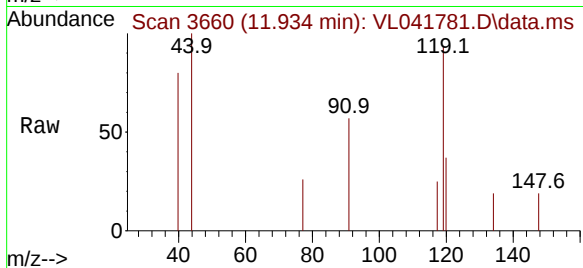
Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:119	Resp:	146
Ion	Ratio	Lower Upper
119	100	
134	0.0	19.6 29.4#
91	132.9	24.4 36.6#



#70

n-Butylbenzene

Concen: 0.019 ppbv

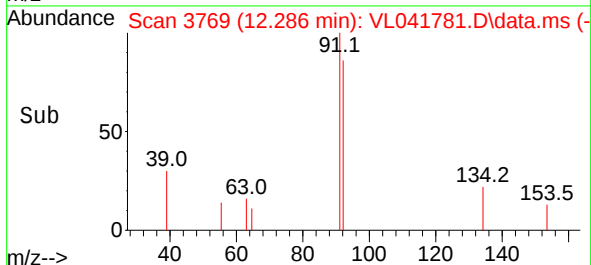
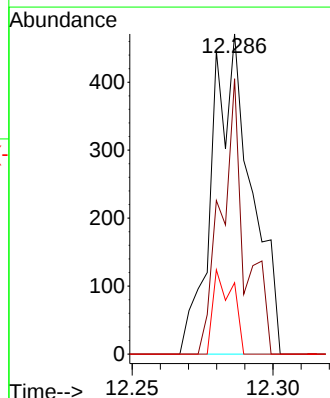
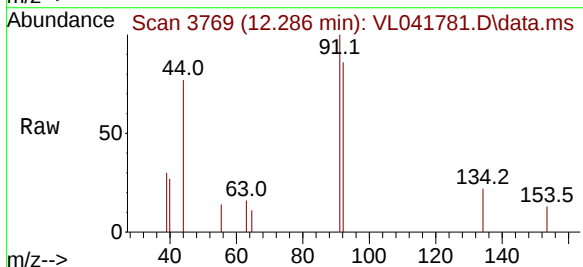
RT: 12.286 min Scan# 3769

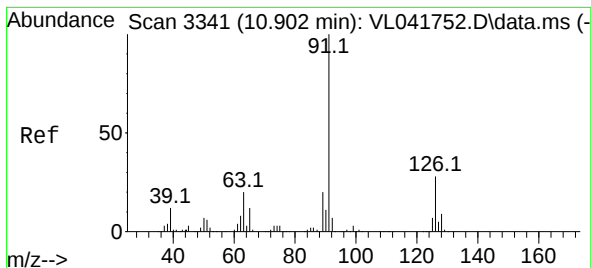
Delta R.T. 0.006 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion: 91	Resp:	457
Ion	Ratio	Lower Upper
91	100	
92	52.5	43.2 64.8
134	13.1	18.2 27.4#





#71

2-Chlorotoluene

Concen: 0.003 ppbv

RT: 10.917 min Scan# 3411

Delta R.T. 0.016 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

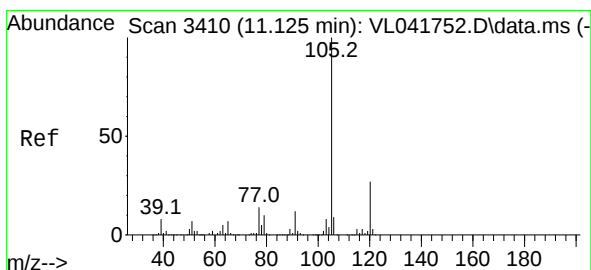
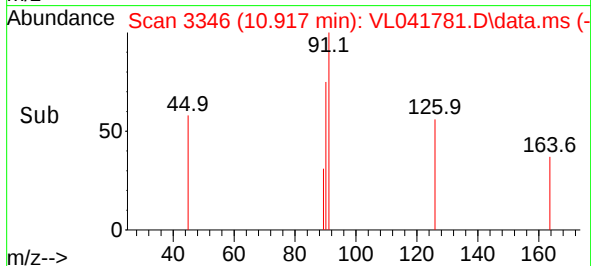
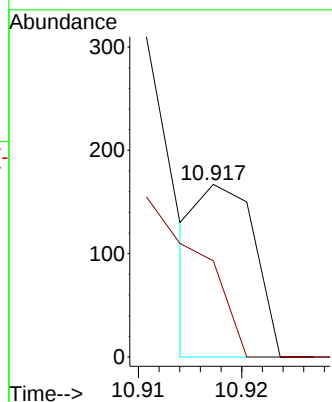
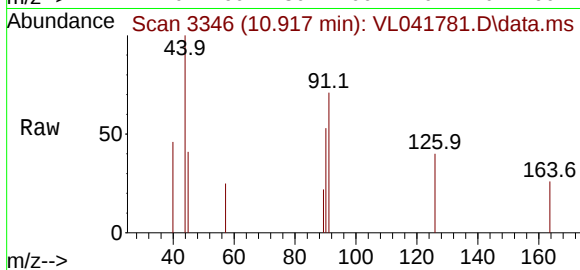
ClientSampleId :

Tgt Ion: 91 Resp: 61

Ion Ratio Lower Upper

91 100

126 145.9 11.6 46.4#



#72

4-Ethyltoluene

Concen: 0.019 ppbv

RT: 11.128 min Scan# 3411

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:105 Resp: 368

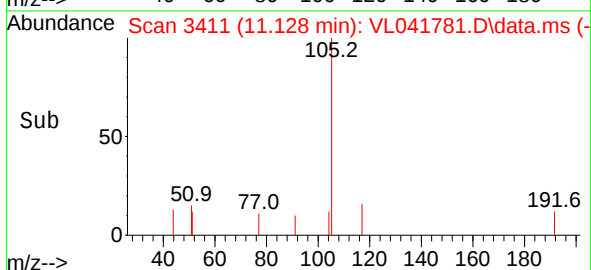
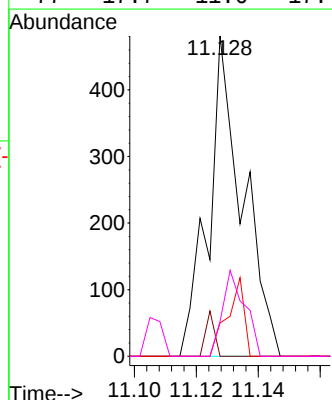
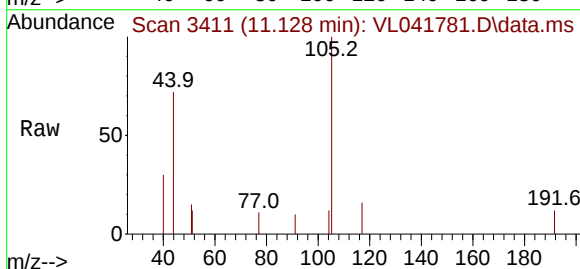
Ion Ratio Lower Upper

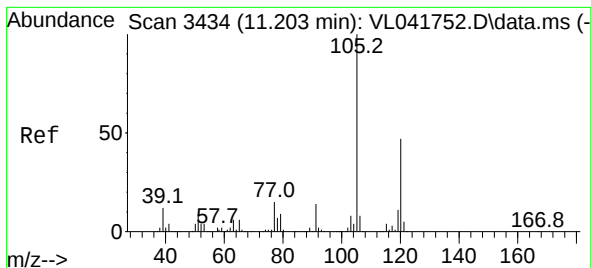
105 100

120 0.0 23.3 34.9#

91 12.0 10.9 16.3

77 17.7 11.6 17.4#





#73

1,3,5-Trimethylbenzene

Concen: 0.018 ppbv

RT: 11.212 min Scan# 3434

Delta R.T. 0.009 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

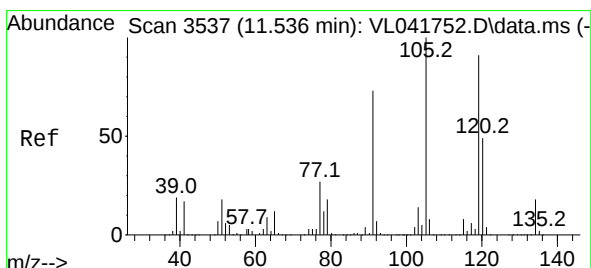
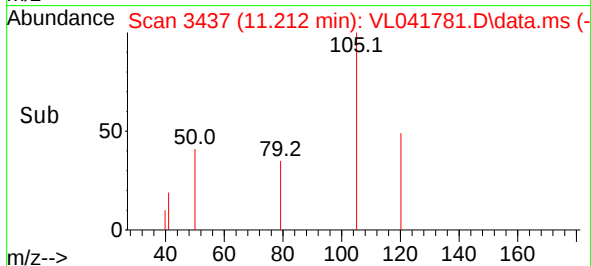
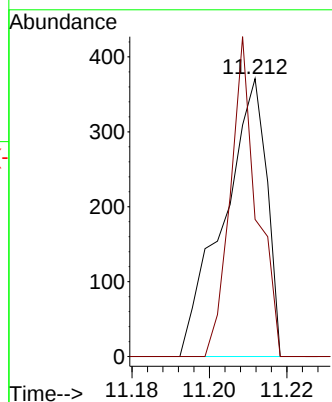
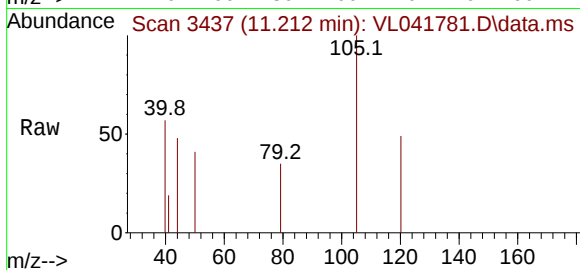
ClientSampleId :

Tgt Ion:105 Resp: 287

Ion Ratio Lower Upper

105 100

120 49.3 37.4 56.2



#74

1,2,4-Trimethylbenzene

Concen: 0.021 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:105 Resp: 357

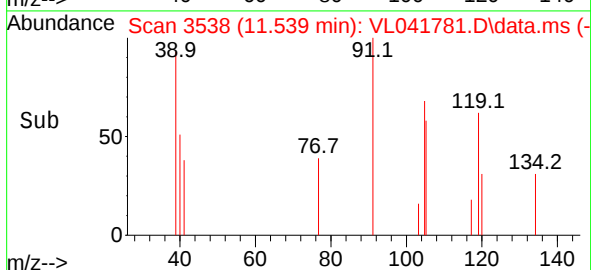
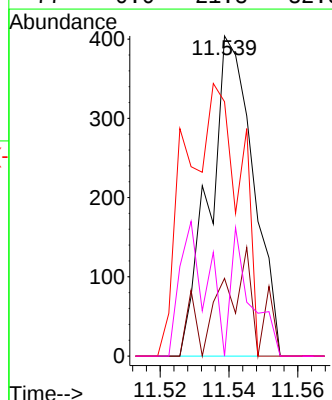
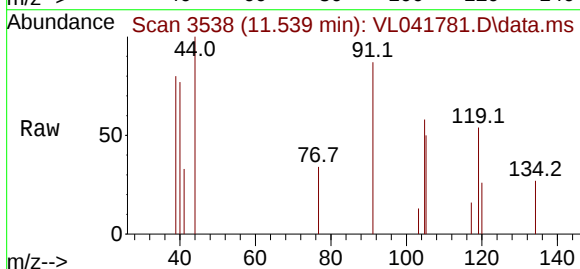
Ion Ratio Lower Upper

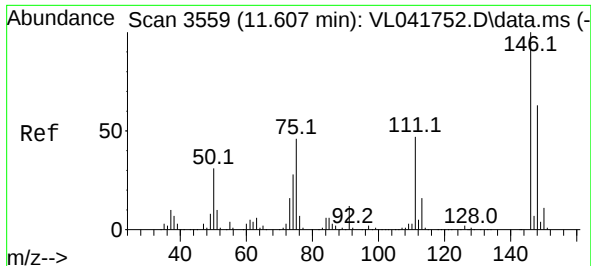
105 100

120 24.3 39.0 58.4#

91 79.5 58.1 87.1

77 0.0 21.8 32.8#





#75

1,3-Dichlorobenzene

Concen: 0.005 ppbv

RT: 11.623 min Scan# 3559

Delta R.T. 0.016 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :

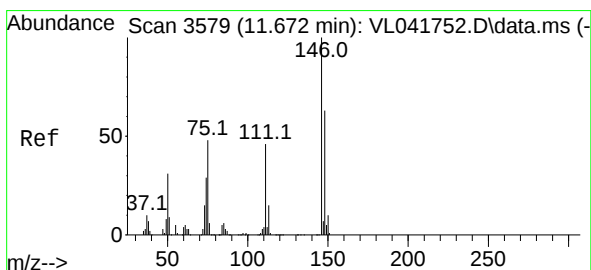
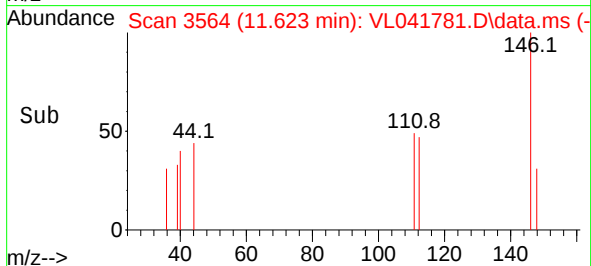
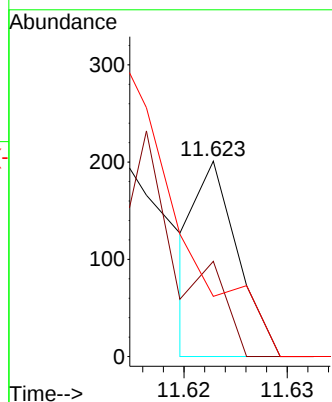
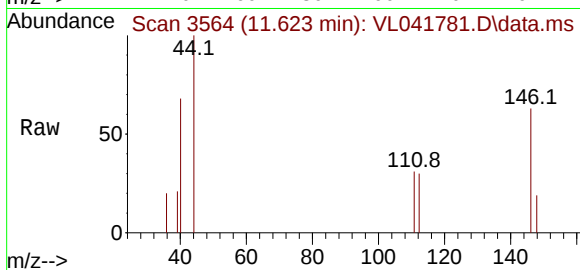
Tgt Ion:146 Resp: 53

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: 0.019 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

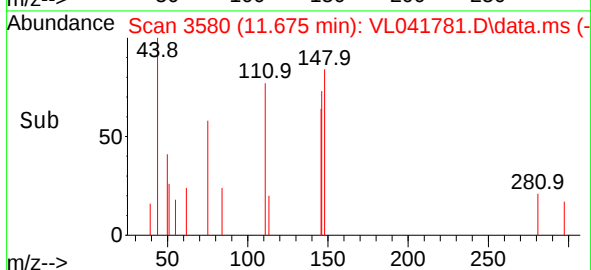
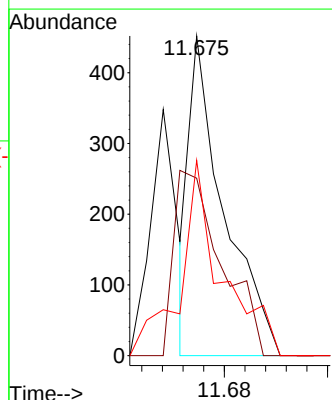
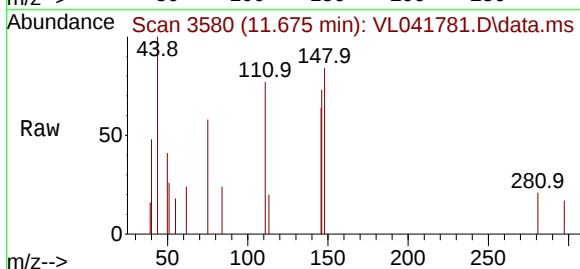
Tgt Ion:146 Resp: 209

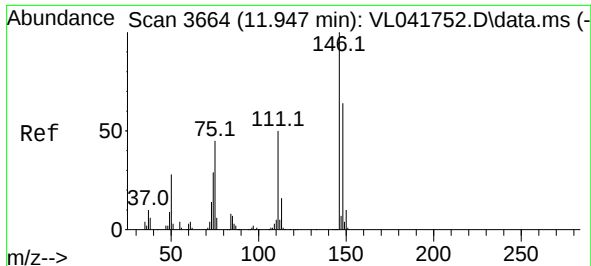
Ion Ratio Lower Upper

146 100

111 80.4 22.7 68.1#

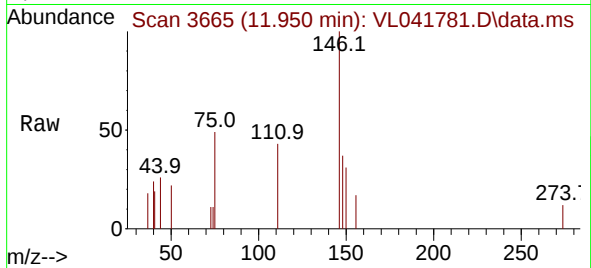
148 73.2 31.4 94.0



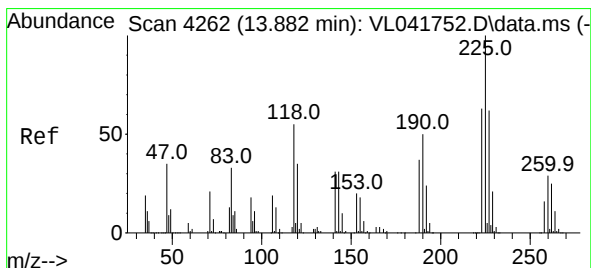
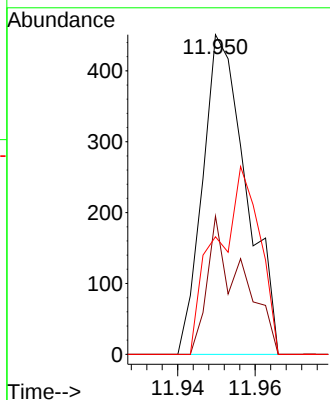
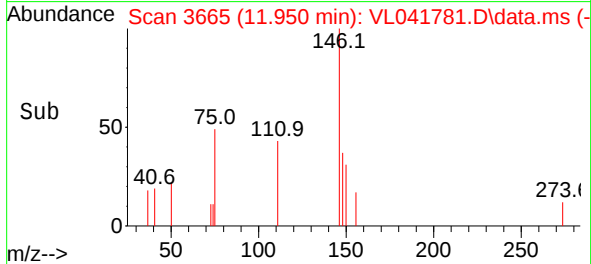


#77
1,2-Dichlorobenzene
Concen: 0.034 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17

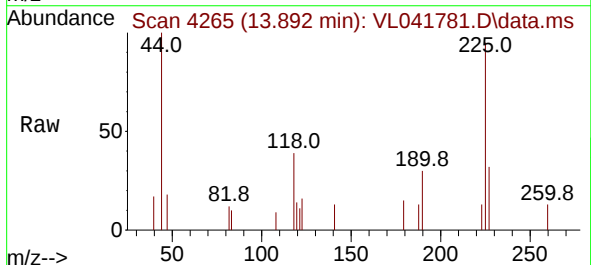
Instrument :
MSVOA_L
ClientSampleId :



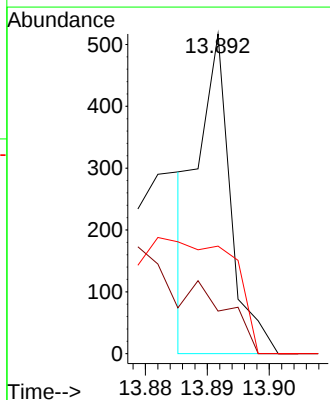
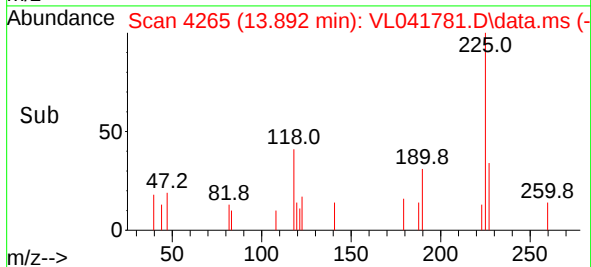
Tgt Ion:146 Resp: 351
Ion Ratio Lower Upper
146 100
111 34.2 24.8 74.3
148 58.7 31.8 95.4

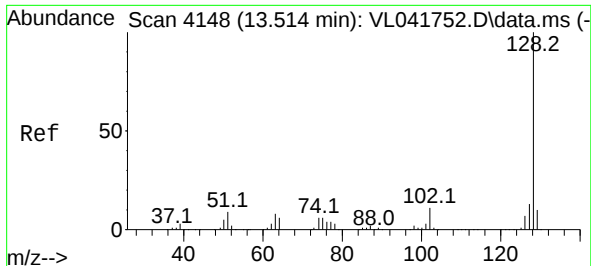


#78
Hexachloro-1,3-Butadiene
Concen: 0.024 ppbv
RT: 13.892 min Scan# 4265
Delta R.T. 0.009 min
Lab File: VL041781.D
Acq: 17 Dec 2024 16:17



Tgt Ion:225 Resp: 186
Ion Ratio Lower Upper
225 100
223 74.2 50.5 75.7
227 110.2 50.3 75.5#





#79

Naphthalene

Concen: 0.024 ppbv

RT: 13.513 min Scan# 4148

Delta R.T. -0.000 min

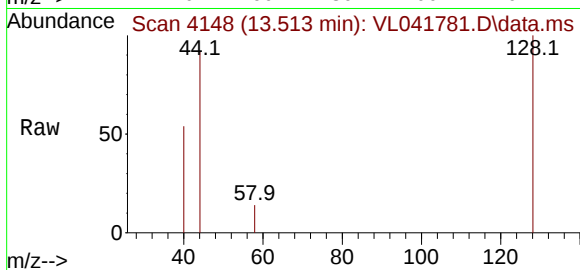
Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

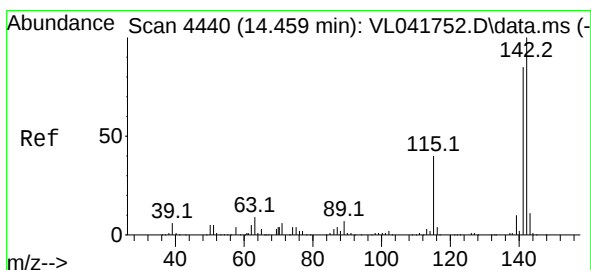
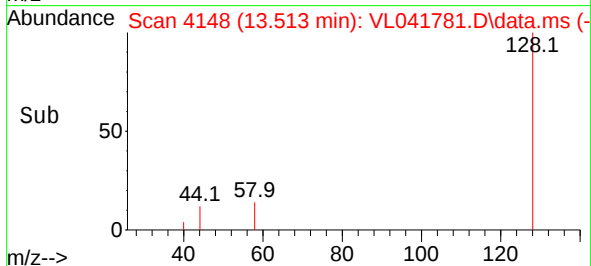
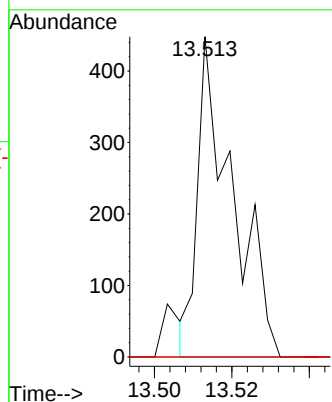
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:128	Resp:	280
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.7 16.1#
129	0.0	8.2 12.4#



#80

Naphthalene,2-methyl-

Concen: 0.050 ppbv

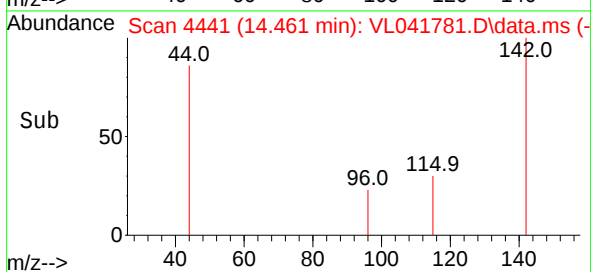
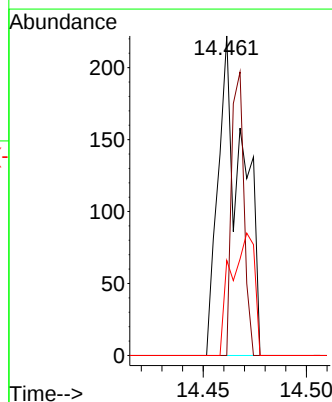
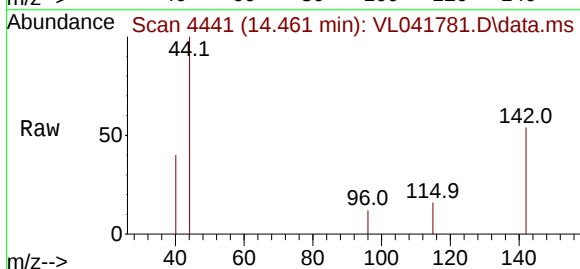
RT: 14.461 min Scan# 4441

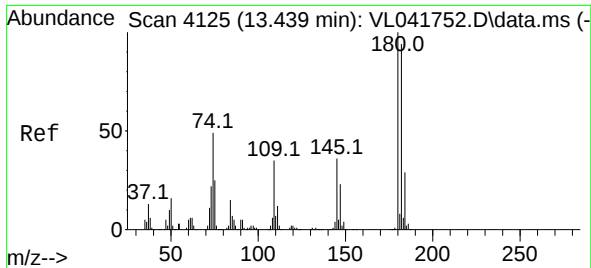
Delta R.T. 0.003 min

Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Tgt Ion:142	Resp:	184
Ion	Ratio	Lower Upper
142	100	
141	44.6	68.4 102.6#
115	36.4	32.5 48.7





#81

1,2,4-Trichlorobenzene

Concen: 0.045 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.006 min

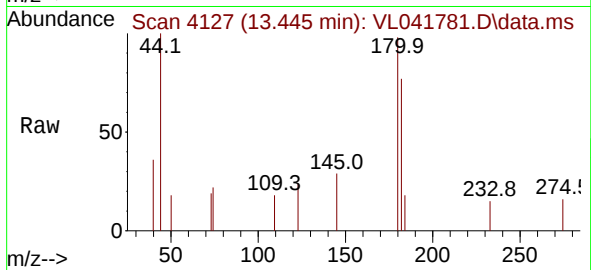
Lab File: VL041781.D

Acq: 17 Dec 2024 16:17

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180	Resp:	289
Ion	Ratio	Lower Upper
180	100	
182	93.4	77.0 115.6
184	7.3	23.8 35.8#

