

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041932.D
 Acq On : 20 Jan 2025 22:30
 Operator : SY/MD
 Sample : MDL 0.4
 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 21 05:07:07 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	134188	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.939	114	380797	10.000	ppbv	-0.04
55) Chlorobenzene-d5	8.865	117	326374	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.364 95 256221 9.967 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	8862	0.485	ppbv	98
3) Chlorodifluoromethane	1.470	51	9717	0.507	ppbv	98
4) Chloromethane	1.528	50	3449	0.502	ppbv	93
5) Vinyl Chloride	1.573	62	3398	0.488	ppbv #	86
6) Bromomethane	1.661	94	1562	0.471	ppbv	98
7) Chloroethane	1.696	64	1405	0.519	ppbv #	56
8) Dichlorotetrafluoroethane	1.547	85	7242	0.453	ppbv	97
9) Propene	1.479	41	3909	0.496	ppbv	99
10) Heptane	4.972	43	1586	0.075	ppbv #	27
11) Trichlorofluoromethane	1.868	101	7937	0.417	ppbv	90
12) 1,1,2-Trichlorotrifluo...	2.130	101	6839	0.459	ppbv	98
13) Ethanol	1.709	45	233	0.403	ppbv #	31
14) Bromoethene	1.777	108	2115	0.388	ppbv #	84
15) Acetone	1.829	43	9338	0.579	ppbv	97
16) 1,3-Butadiene	1.602	39	3573	0.494	ppbv	97
17) tert-Butyl alcohol	2.036	59	8693	0.438	ppbv	98
18) 1,1-Dichloroethene	2.023	96	3174	0.473	ppbv	87
19) Isopropyl Alcohol	1.881	45	4426	0.463	ppbv #	32
20) Methylene Chloride	2.052	84	3162	0.496	ppbv	87
21) Allyl Chloride	2.088	41	4804	0.430	ppbv #	86
22) trans-1,2-Dichloroethene	2.330	96	3521	0.465	ppbv	96
23) Vinyl Acetate	2.457	43	2648	0.331	ppbv #	96
24) 1,1-Dichloroethane	2.398	63	6657	0.454	ppbv	98
25) Ethyl Acetate	2.829	43	12880	0.296	ppbv #	88
26) Hexane	2.816	57	6953	0.405	ppbv	96
27) Carbon Disulfide	2.143	76	6481	0.381	ppbv #	23
28) Methyl tert-Butyl Ether	2.437	73	4656	0.354	ppbv	97
29) Chloroform	2.839	83	12601	0.464	ppbv	99
30) Cyclohexane	3.839	84	5443	0.365	ppbv	91
31) cis-1,2-Dichloroethene	2.709	61	7537	0.416	ppbv	97
32) 1,1,1-Trichloroethane	3.357	97	11152	0.429	ppbv	95
34) 2-Butanone	2.554	43	11470	0.474	ppbv	97
35) Carbon Tetrachloride	3.748	117	10508	0.439	ppbv	92
36) Benzene	3.638	78	9336	0.267	ppbv	94
37) 1,2-Dichloroethane	3.201	62	9662	0.493	ppbv	99
38) Trichloroethene	4.528	130	6086	0.439	ppbv	99
39) 1,2-Dichloropropane	4.298	63	4552	0.372	ppbv #	87
42) Bromodichloromethane	4.470	83	10924	0.415	ppbv #	89
43) Methyl Methacrylate	4.855	69	1503	0.116	ppbv #	1
44) 2,2,4-Trimethylpentane	4.619	57	23065	0.408	ppbv	96
45) t-1,3-Dichloropropene	6.389	75	876	0.072	ppbv	99
46) cis-1,3-Dichloropropene	5.574	75	3636	0.228	ppbv #	81
47) 1,1,2-Trichloroethane	6.545	97	714	0.055	ppbv #	59

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 Misc : 400mL/MSVOA_L
 ALS Vial : 13 Sample Multiplier: 1

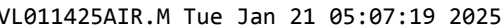
Instrument :
 MSVOA_L
 ClientSampleId :

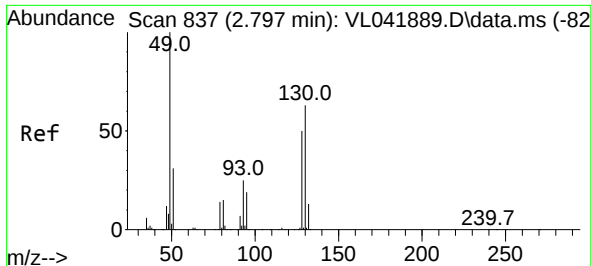
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Dibromochloromethane	7.363	129	4850	0.242	ppbv	56
49) Bromoform	9.471	173	5509	0.335	ppbv	96
50) 4-Methyl-2-Pentanone	5.739	43	5005	0.151	ppbv #	30
52) Tetrachloroethene	8.199	164	1874	0.155	ppbv	91
54) 1,2-Dibromoethane	7.635	107	7957	0.446	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.911	131	6670	0.410	ppbv #	1
57) Chlorobenzene	8.904	112	14959	0.497	ppbv #	78
58) Ethyl Benzene	9.341	91	16531	0.324	ppbv	99
59) m/p-Xylene	9.535	91	15064	0.368	ppbv #	45
60) o-Xylene	9.953	91	13421	0.331	ppbv	96
61) Styrene	9.852	104	5382	0.296	ppbv	97
62) Isopropylbenzene	10.526	105	22844	0.364	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.950	83	13187	0.509	ppbv	96
64) n-propylbenzene	10.976	120	4867	0.307	ppbv	82
65) tert-Butylbenzene	11.523	119	18954	0.331	ppbv	98
66) Benzyl Chloride	11.603	91	1042	0.294	ppbv #	94
67) sec-Butylbenzene	11.759	105	26136	0.332	ppbv	100
69) p-Isopropyltoluene	11.914	119	20880	0.322	ppbv	98
70) n-Butylbenzene	12.273	91	21088	0.328	ppbv	95
71) 2-Chlorotoluene	10.888	91	16804	0.362	ppbv	93
72) 4-Ethyltoluene	11.111	105	15064	0.310	ppbv #	96
73) 1,3,5-Trimethylbenzene	11.192	105	14032	0.327	ppbv	94
74) 1,2,4-Trimethylbenzene	11.523	105	16112	0.347	ppbv #	89
75) 1,3-Dichlorobenzene	11.597	146	12601	0.458	ppbv	95
76) 1,4-Dichlorobenzene	11.662	146	11355	0.422	ppbv	96
77) 1,2-Dichlorobenzene	11.937	146	12248	0.449	ppbv	94
78) Hexachloro-1,3-Butadiene	13.872	225	9854	0.440	ppbv	97
79) Naphthalene	13.503	128	14149	0.303	ppbv #	91
80) Naphthalene,2-methyl-	14.448	142	4410	0.199	ppbv	97
81) 1,2,4-Trichlorobenzene	13.432	180	7637	0.335	ppbv	96

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

Quant Time: Jan 21 05:07:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

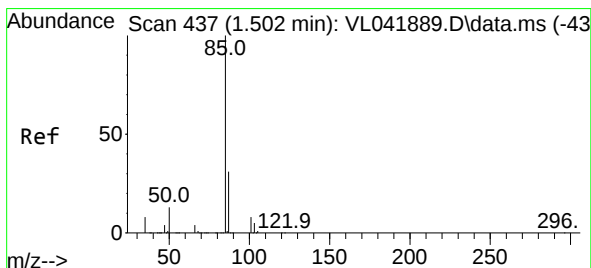
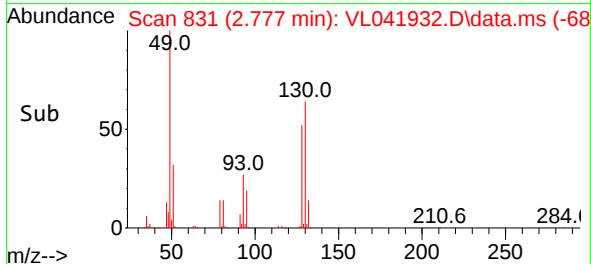
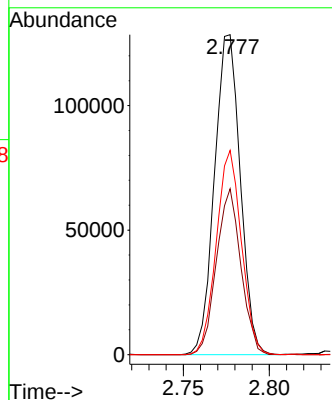
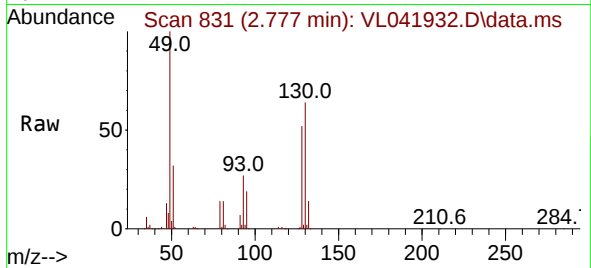




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.777 min Scan# 81
Delta R.T. -0.020 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

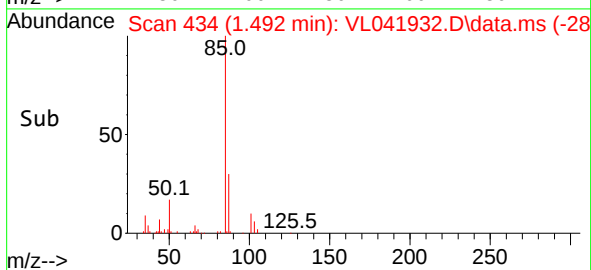
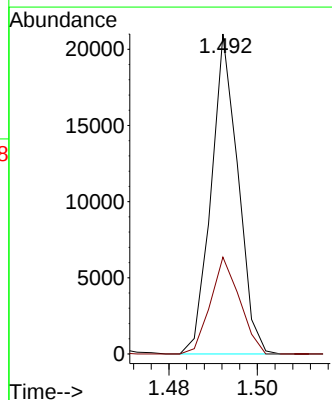
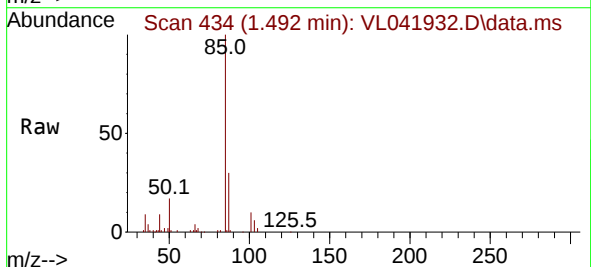
Instrument :
MSVOA_L
ClientSampleId :

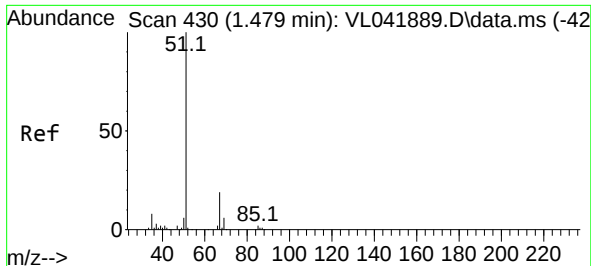
Tgt Ion: 49 Resp: 134188
Ion Ratio Lower Upper
49 100
128 49.3 24.3 73.0
130 62.2 31.1 93.2



#2
Dichlorodifluoromethane
Concen: 0.485 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 85 Resp: 8862
Ion Ratio Lower Upper
85 100
87 30.3 24.9 37.3

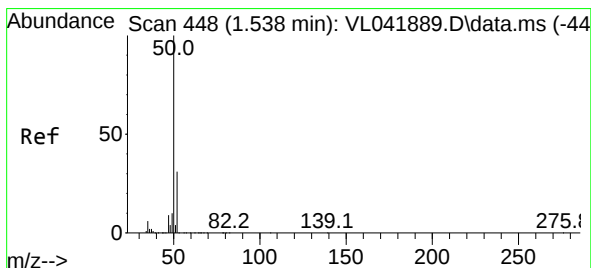
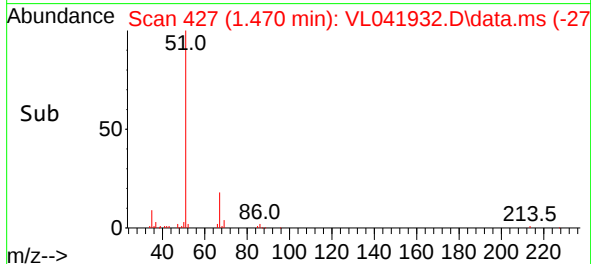
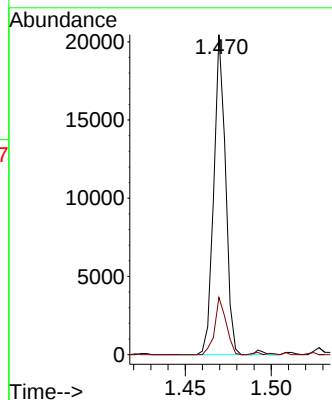
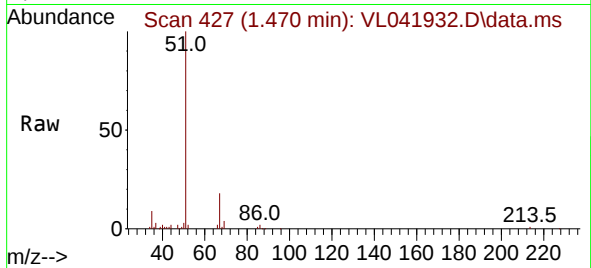




#3
Chlorodifluoromethane
Concen: 0.507 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

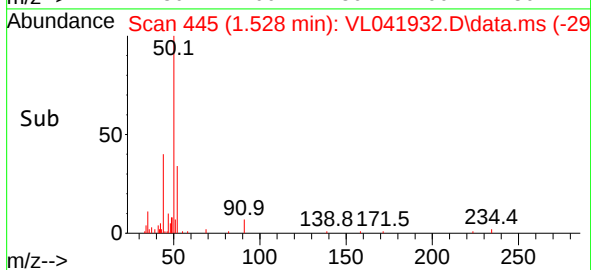
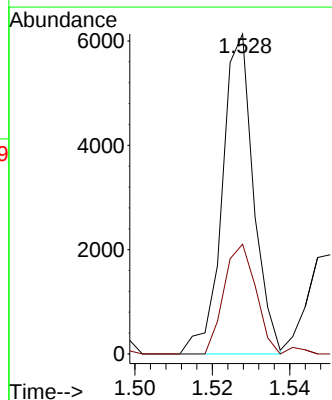
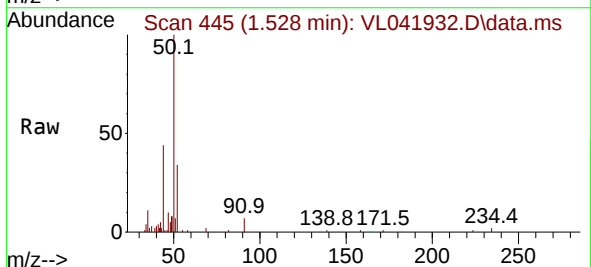
Instrument :
MSVOA_L
ClientSampleId :

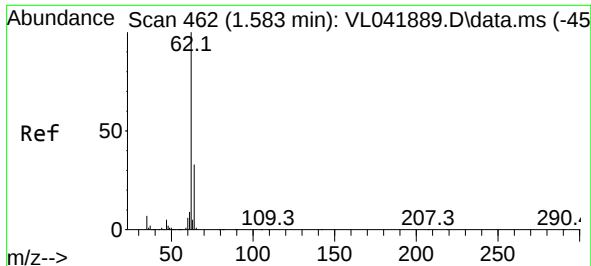
Tgt Ion: 51 Resp: 9717
Ion Ratio Lower Upper
51 100
67 17.9 15.0 22.4



#4
Chloromethane
Concen: 0.502 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 50 Resp: 3449
Ion Ratio Lower Upper
50 100
52 34.3 24.6 36.8

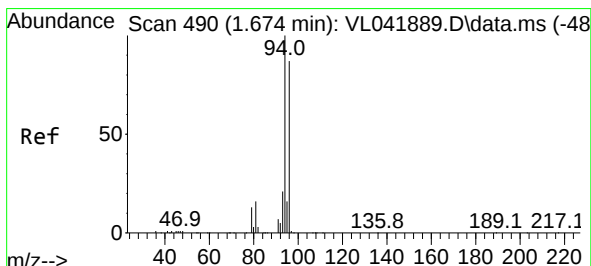
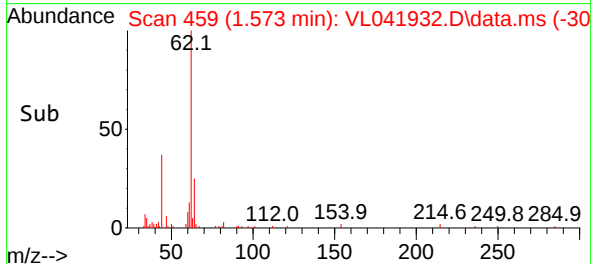
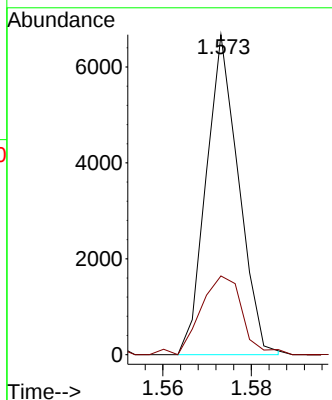
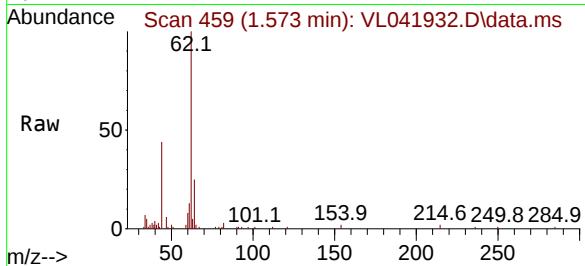




#5
 Vinyl Chloride
 Concen: 0.488 ppbv
 RT: 1.573 min Scan# 419
 Delta R.T. -0.010 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

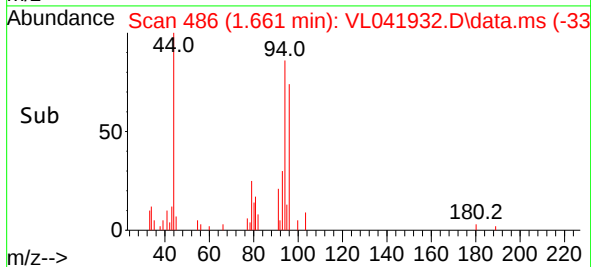
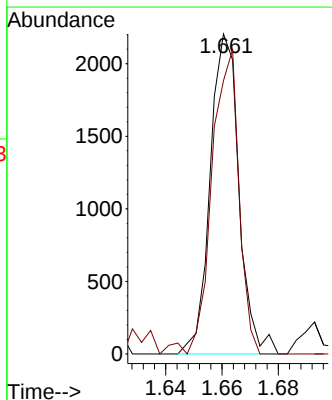
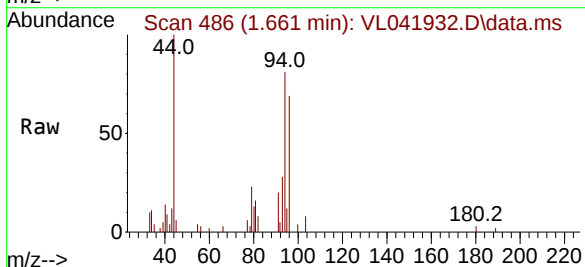
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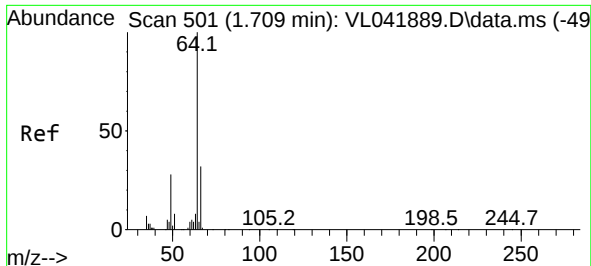
Tgt Ion: 62 Resp: 3398
 Ion Ratio Lower Upper
 62 100
 64 24.6 26.1 39.1#



#6
 Bromomethane
 Concen: 0.471 ppbv
 RT: 1.661 min Scan# 486
 Delta R.T. -0.013 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Tgt Ion: 94 Resp: 1562
 Ion Ratio Lower Upper
 94 100
 96 85.4 69.5 104.3

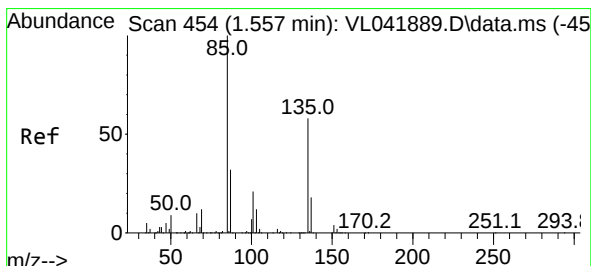
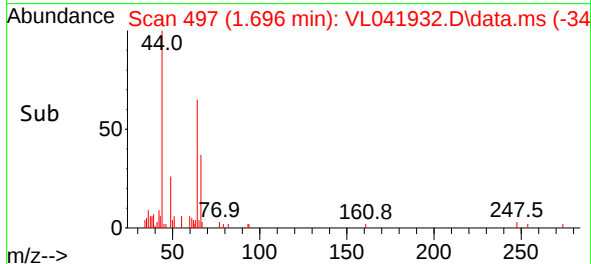
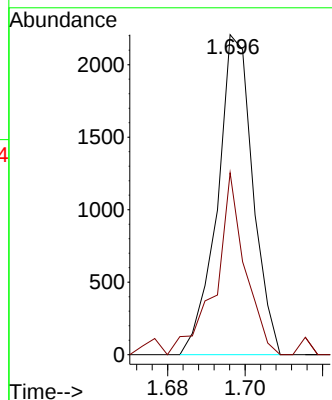
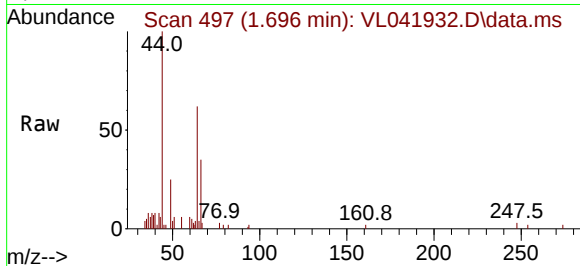




#7
Chloroethane
Concen: 0.519 ppbv
RT: 1.696 min Scan# 497
Delta R.T. -0.013 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

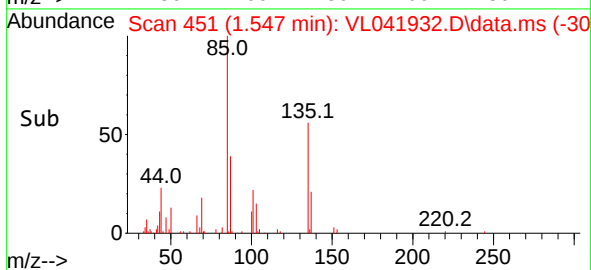
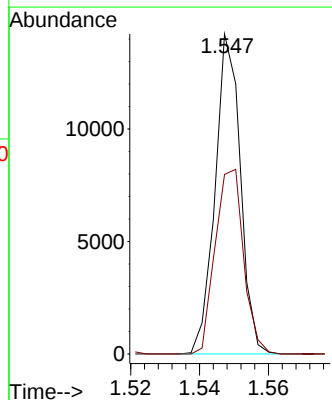
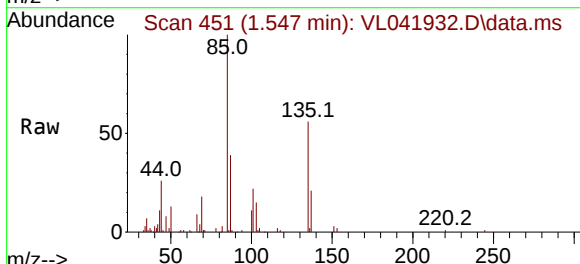
Instrument :
MSVOA_L
ClientSampleId :

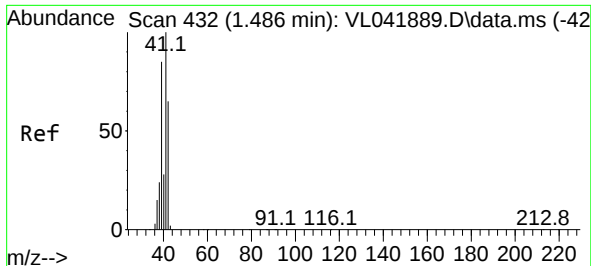
Tgt Ion: 64 Resp: 1405
Ion Ratio Lower Upper
64 100
66 56.9 25.7 38.5#



#8
Dichlorotetrafluoroethane
Concen: 0.453 ppbv
RT: 1.547 min Scan# 451
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 85 Resp: 7242
Ion Ratio Lower Upper
85 100
135 64.8 50.0 75.0





#9

Propene

Concen: 0.496 ppbv

RT: 1.479 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

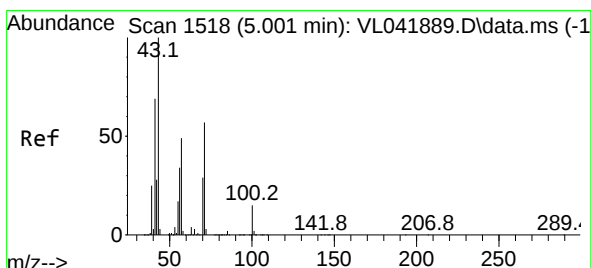
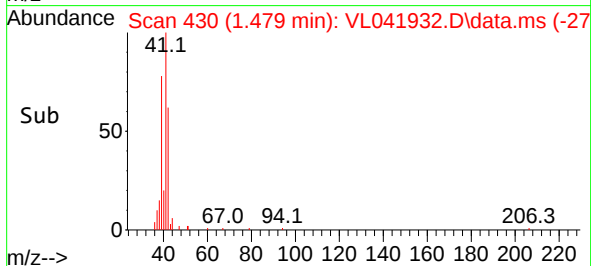
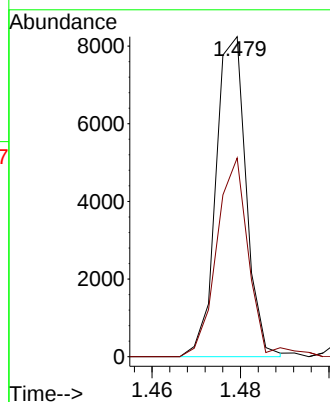
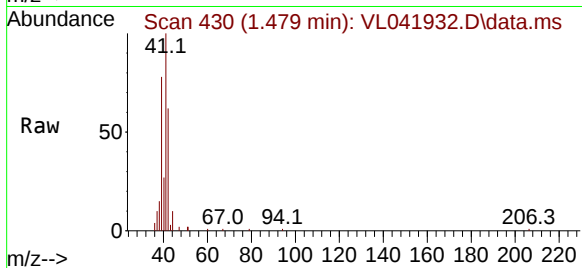
ClientSampleId :

Tgt Ion: 41 Resp: 3909

Ion Ratio Lower Upper

41 100

42 66.0 52.0 78.0



#10

Heptane

Concen: 0.075 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.029 min

Lab File: VL041932.D

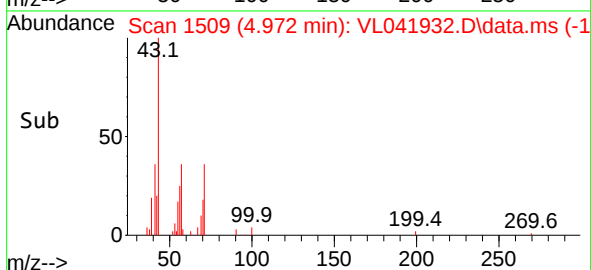
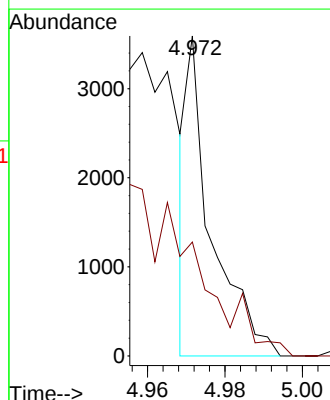
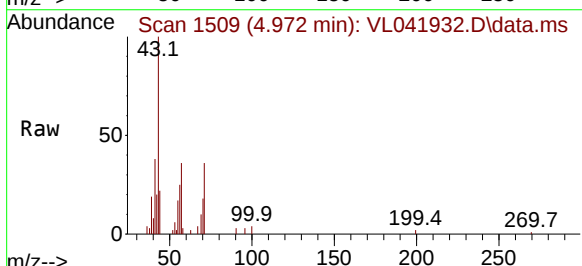
Acq: 20 Jan 2025 22:30

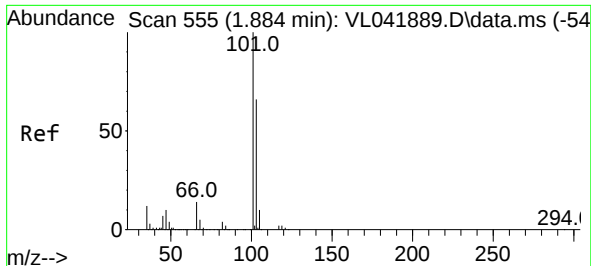
Tgt Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

57 0.0 41.0 61.4#

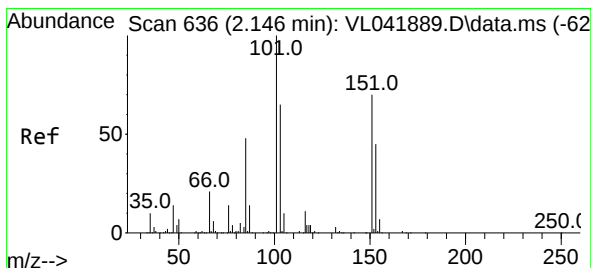
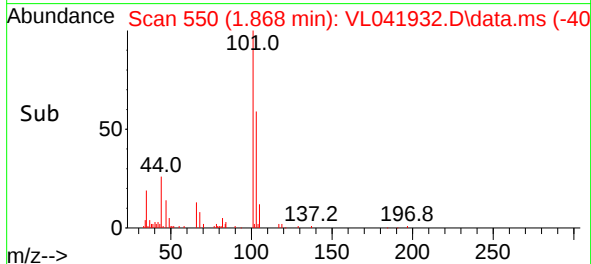
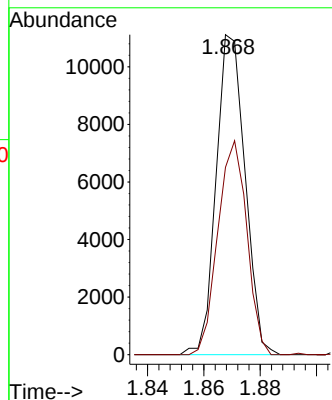
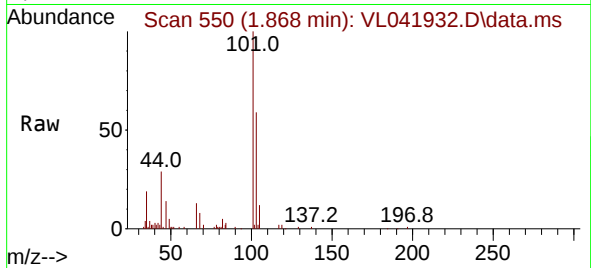




#11
 Trichlorofluoromethane
 Concen: 0.417 ppbv
 RT: 1.868 min Scan# 511
 Delta R.T. -0.016 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

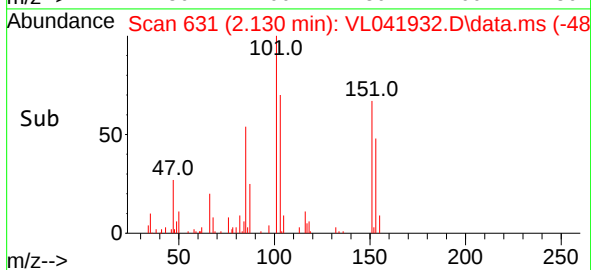
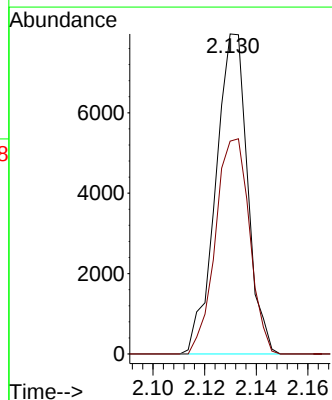
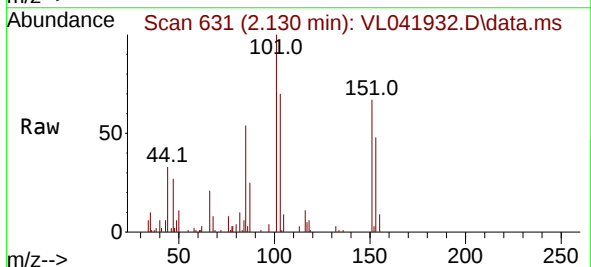
Instrument :
 MSVOA_L
 ClientSampleId :

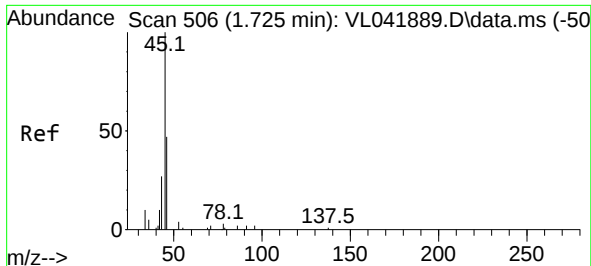
Tgt Ion:101 Resp: 7937
 Ion Ratio Lower Upper
 101 100
 103 58.5 53.1 79.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.459 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. -0.016 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Tgt Ion:101 Resp: 6839
 Ion Ratio Lower Upper
 101 100
 151 71.8 56.1 84.1

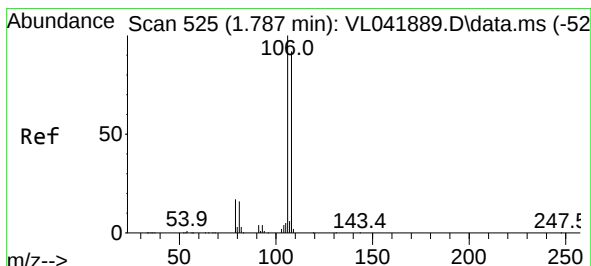
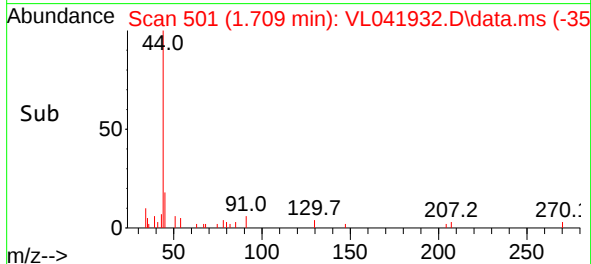
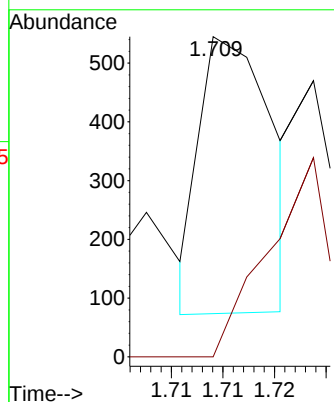
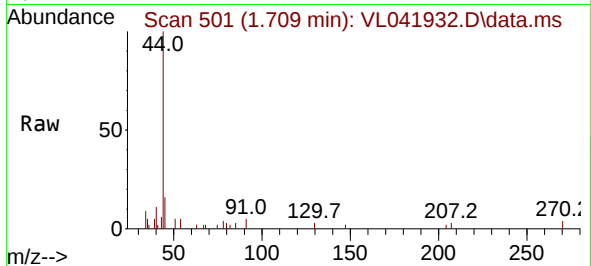




#13
Ethanol
Concen: 0.403 ppbv
RT: 1.709 min Scan# 506
Delta R.T. -0.016 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

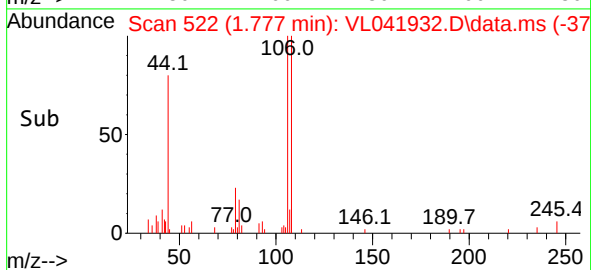
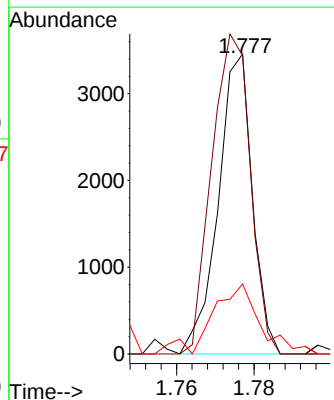
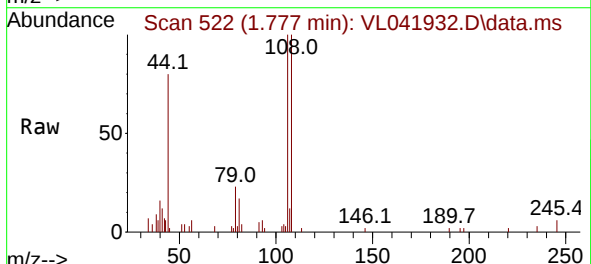
Instrument :
MSVOA_L
ClientSampleId :

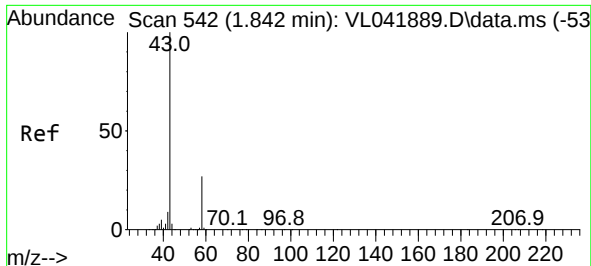
Tgt Ion: 45 Resp: 233
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#



#14
Bromoethene
Concen: 0.388 ppbv
RT: 1.777 min Scan# 522
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

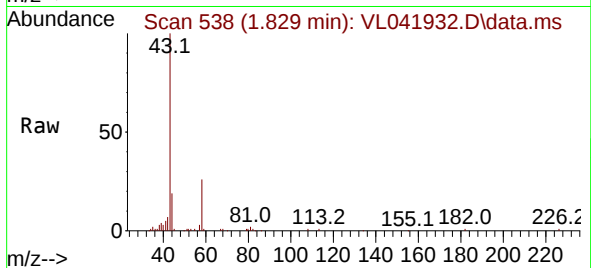
Tgt Ion: 108 Resp: 2115
Ion Ratio Lower Upper
108 100
106 121.7 85.5 128.3
79 30.4 15.3 22.9#



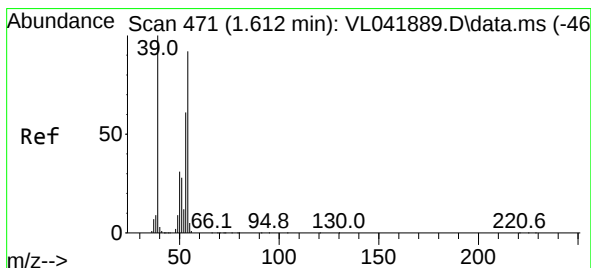
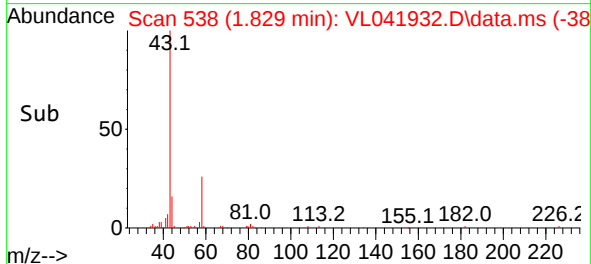
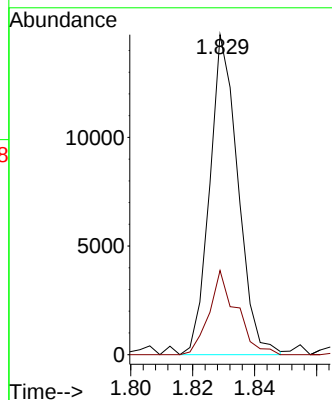


#15
Acetone
Concen: 0.579 ppbv
RT: 1.829 min Scan# 51
Delta R.T. -0.013 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Instrument :
MSVOA_L
ClientSampleId :

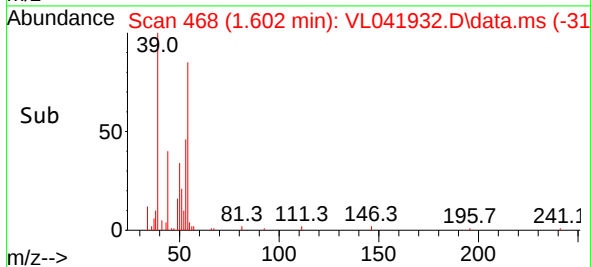
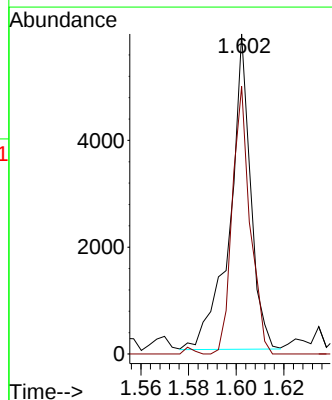
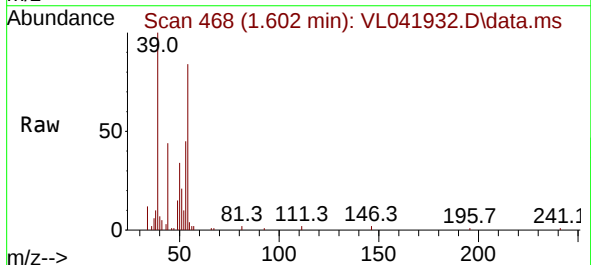


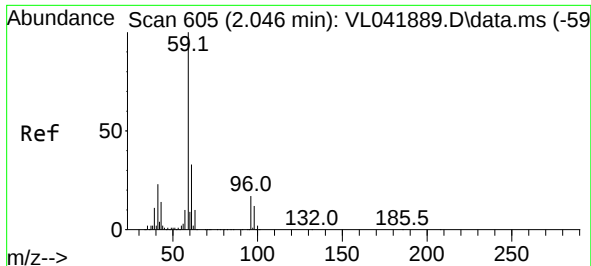
Tgt Ion: 43 Resp: 9338
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#16
1,3-Butadiene
Concen: 0.494 ppbv
RT: 1.602 min Scan# 468
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 39 Resp: 3573
Ion Ratio Lower Upper
39 100
54 74.1 61.6 92.4





#17

tert-Butyl alcohol

Concen: 0.438 ppbv

RT: 2.036 min Scan# 605

Delta R.T. -0.010 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

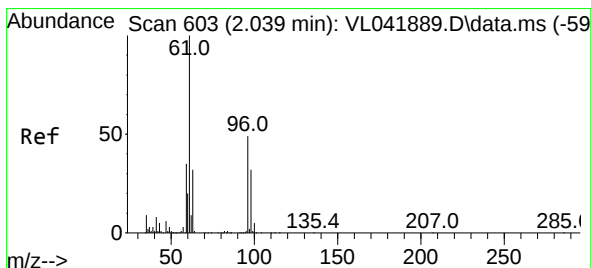
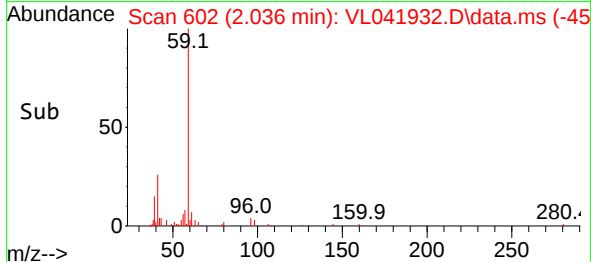
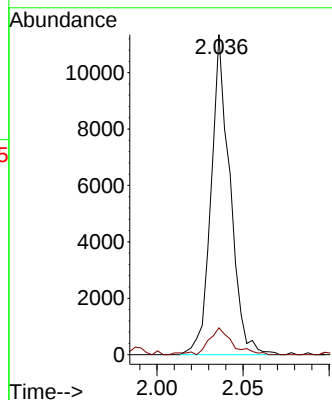
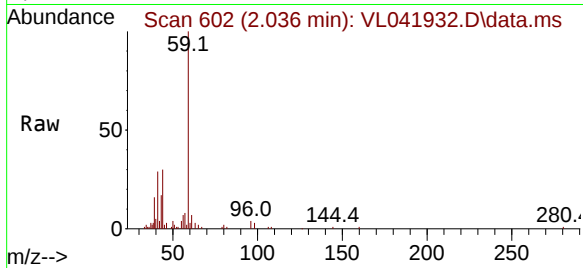
ClientSampleId :

Tgt Ion: 59 Resp: 8693

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#18

1,1-Dichloroethene

Concen: 0.473 ppbv

RT: 2.023 min Scan# 598

Delta R.T. -0.016 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

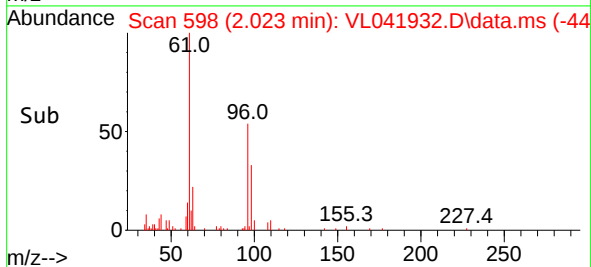
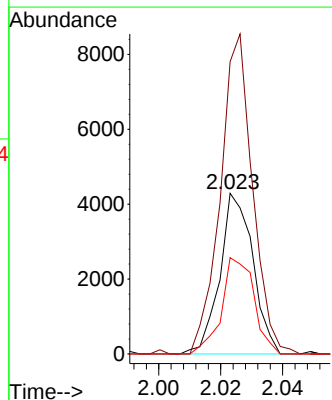
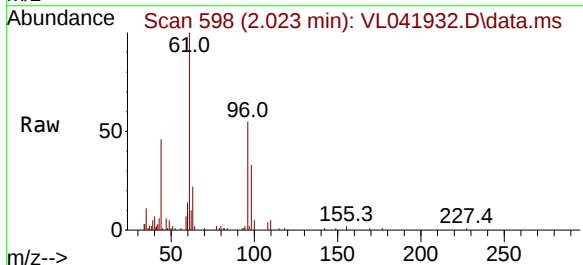
Tgt Ion: 96 Resp: 3174

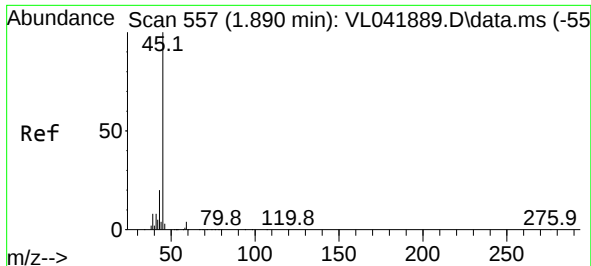
Ion Ratio Lower Upper

96 100

61 182.0 163.1 244.7

98 60.0 52.7 79.1

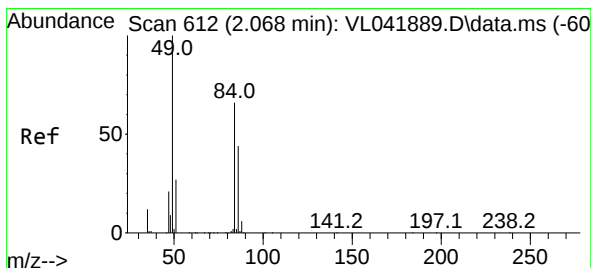
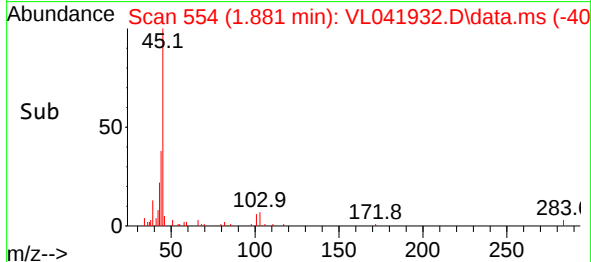
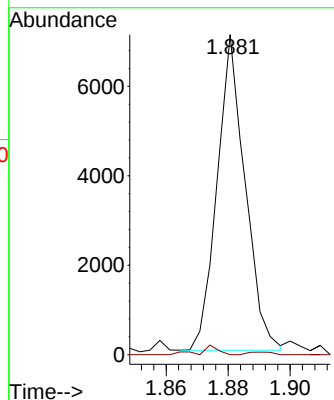
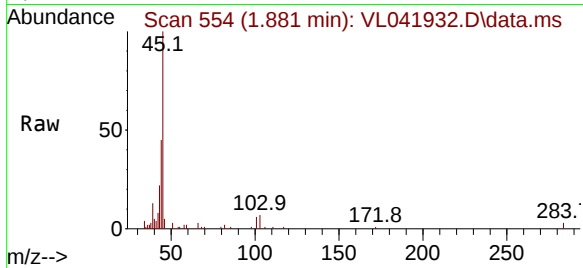




#19
Isopropyl Alcohol
Concen: 0.463 ppbv
RT: 1.881 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

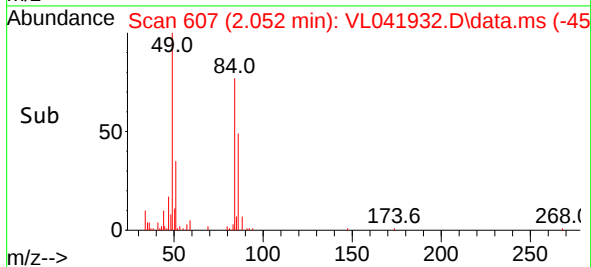
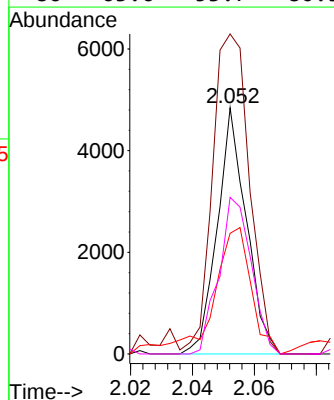
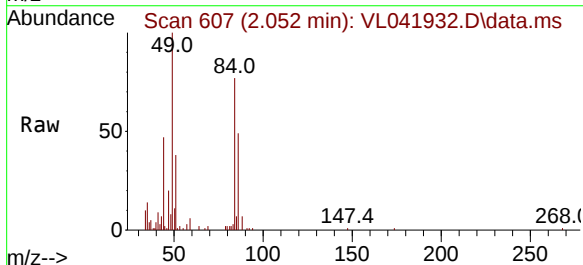
Instrument :
MSVOA_L
ClientSampleId :

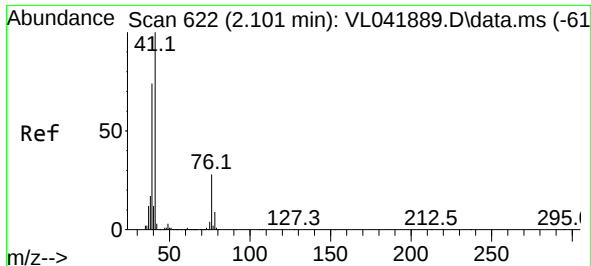
Tgt Ion: 45 Resp: 4426
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



#20
Methylene Chloride
Concen: 0.496 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.016 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 84 Resp: 3162
Ion Ratio Lower Upper
84 100
49 130.0 123.1 184.7
51 49.0 35.8 53.8
86 63.6 53.7 80.5

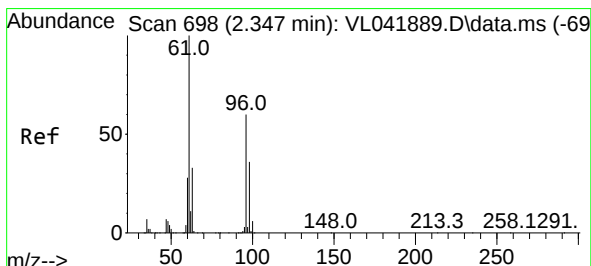
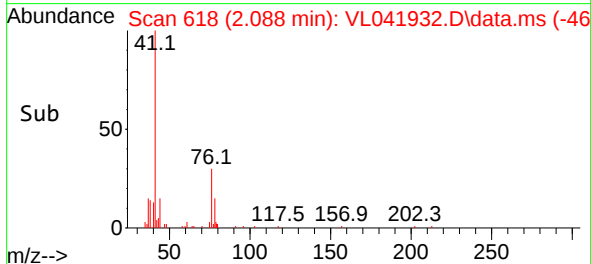
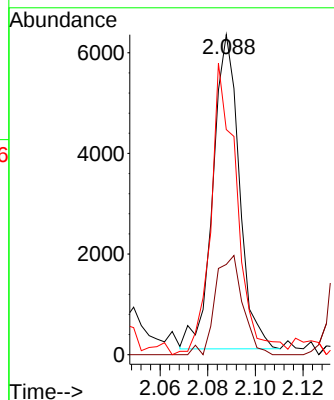
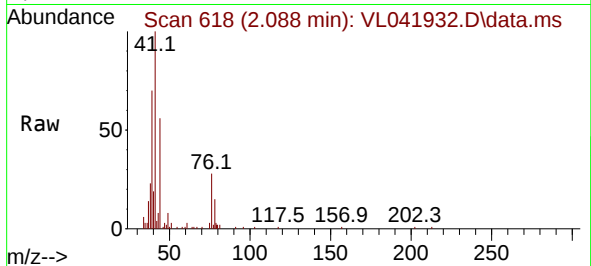




#21
 Allyl Chloride
 Concen: 0.430 ppbv
 RT: 2.088 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

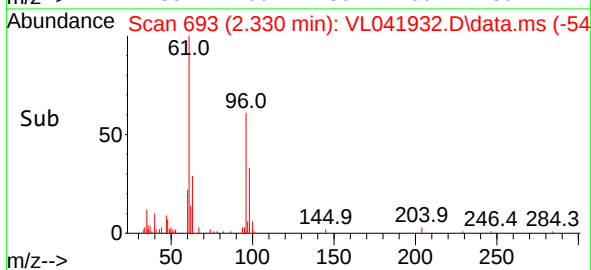
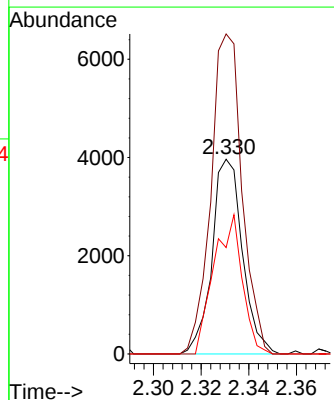
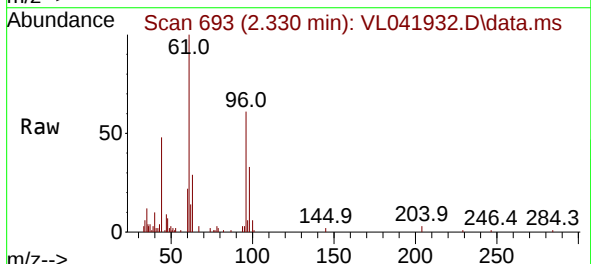
Instrument :
 MSVOA_L
 ClientSampleId :

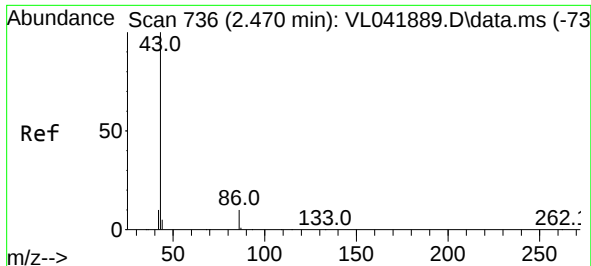
Tgt Ion: 41 Resp: 4804
 Ion Ratio Lower Upper
 41 100
 76 32.7 24.2 36.4
 39 91.6 60.6 91.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.465 ppbv
 RT: 2.330 min Scan# 693
 Delta R.T. -0.016 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

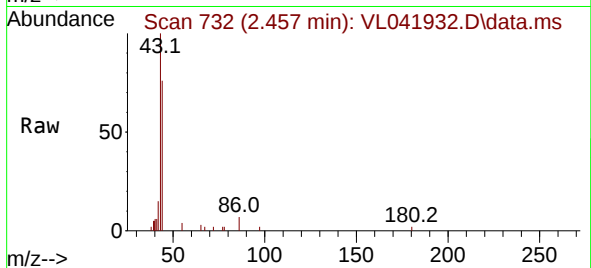
Tgt Ion: 96 Resp: 3521
 Ion Ratio Lower Upper
 96 100
 61 164.3 134.5 201.7
 98 54.6 48.9 73.3



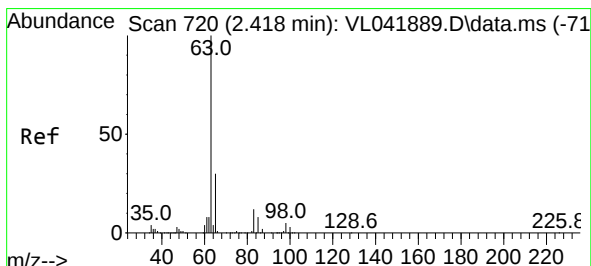
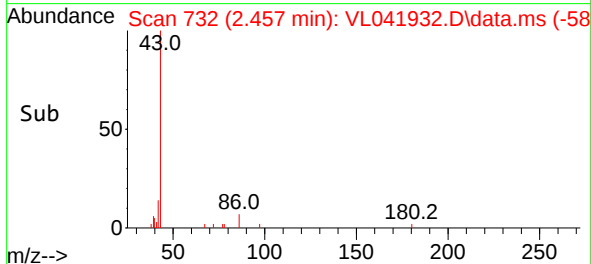
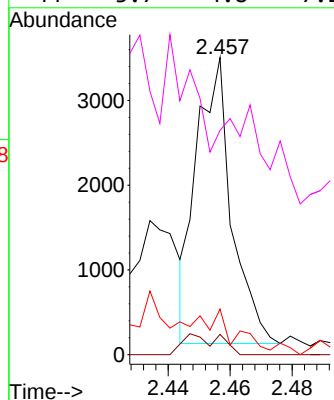


#23
 Vinyl Acetate
 Concen: 0.331 ppbv
 RT: 2.457 min Scan# 714
 Delta R.T. -0.013 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Instrument :
 MSVOA_L
 ClientSampleId :

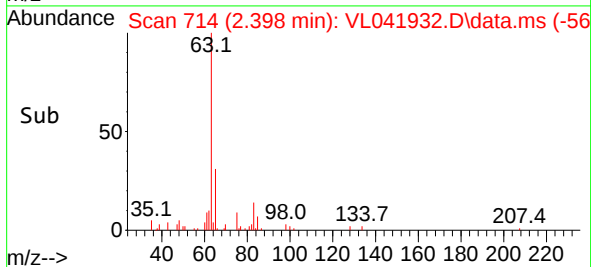
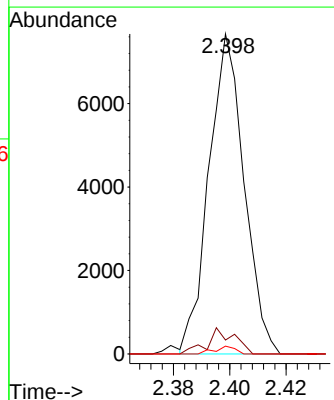
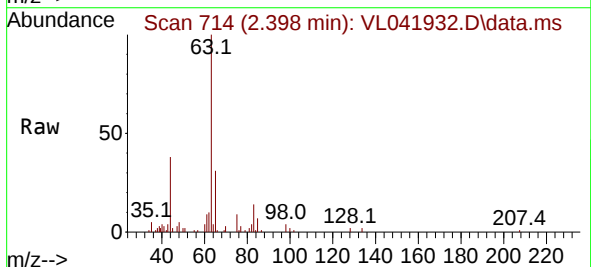


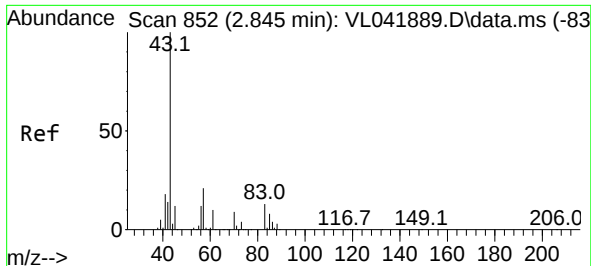
Tgt Ion:	43	Resp:	2648
Ion	Ratio	Lower	Upper
43	100		
86	7.1	6.2	9.4
42	11.9	8.5	12.7
44	3.7	4.8	7.2



#24
 1,1-Dichloroethane
 Concen: 0.454 ppbv
 RT: 2.398 min Scan# 714
 Delta R.T. -0.019 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Tgt Ion:	63	Resp:	6657
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.6	7.8
100	2.5	1.4	4.2

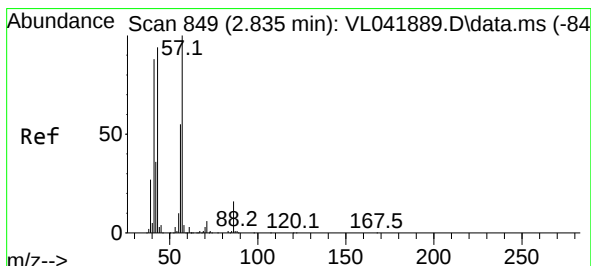
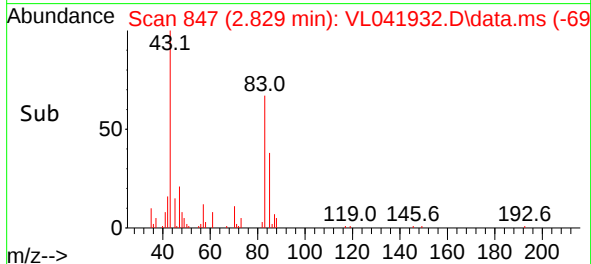
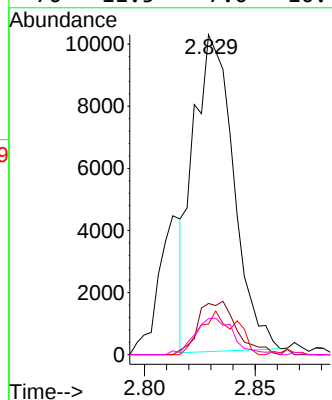
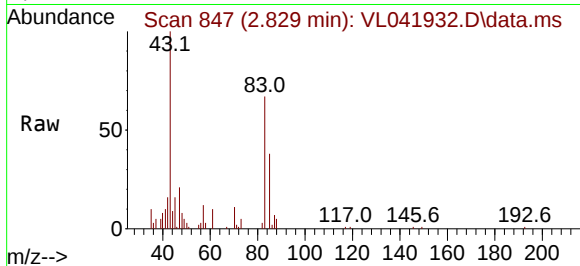




#25
Ethyl Acetate
Concen: 0.296 ppbv
RT: 2.829 min Scan# 841
Delta R.T. -0.016 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

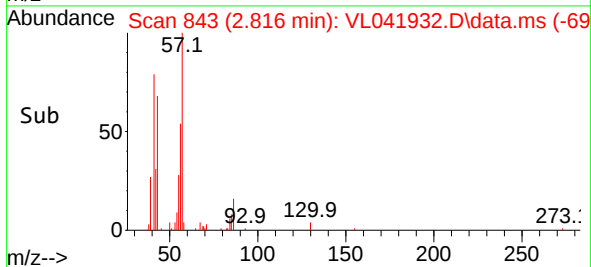
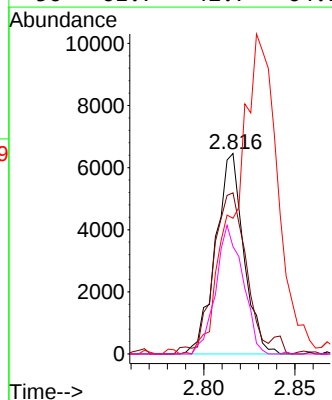
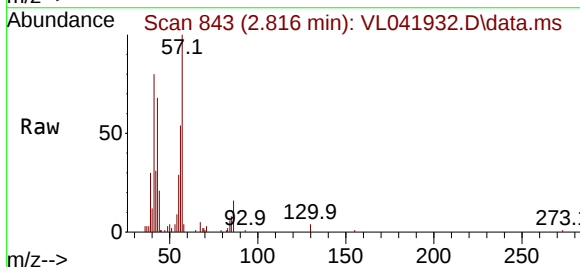
Instrument :
MSVOA_L
ClientSampleId :

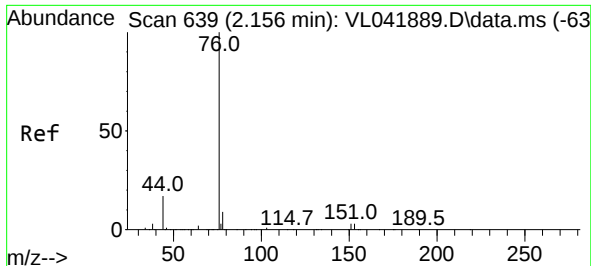
Tgt Ion: 43	Resp: 12880
Ion Ratio	Lower Upper
43 100	
45 16.5	8.2 12.2#
61 12.9	7.4 11.0#
70 11.5	7.0 10.4#



#26
Hexane
Concen: 0.405 ppbv
RT: 2.816 min Scan# 843
Delta R.T. -0.019 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

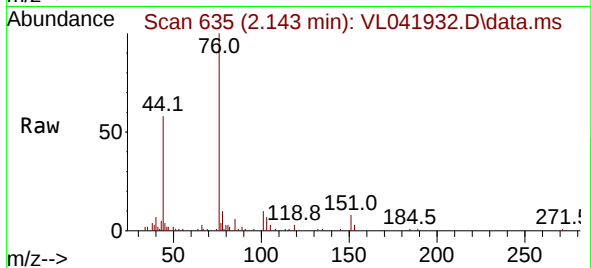
Tgt Ion: 57	Resp: 6953
Ion Ratio	Lower Upper
57 100	
41 97.1	73.8 110.8
43 243.0	197.3 295.9
56 61.7	42.7 64.1



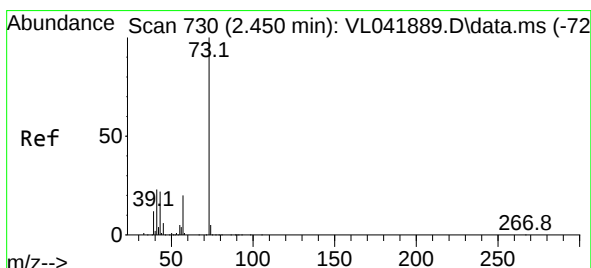
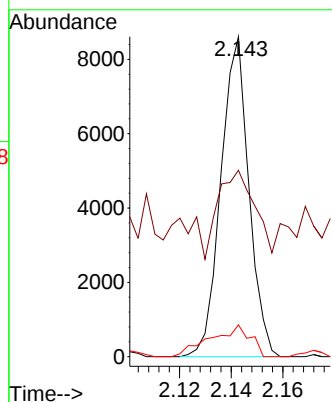
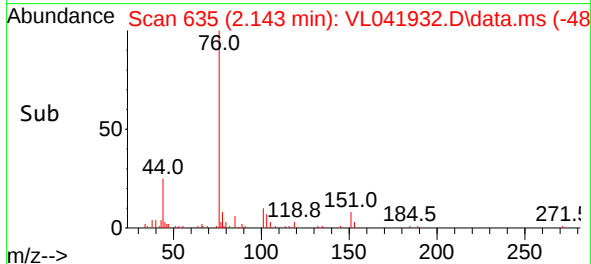


#27
Carbon Disulfide
Concen: 0.381 ppbv
RT: 2.143 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Instrument :
MSVOA_L
ClientSampleId :

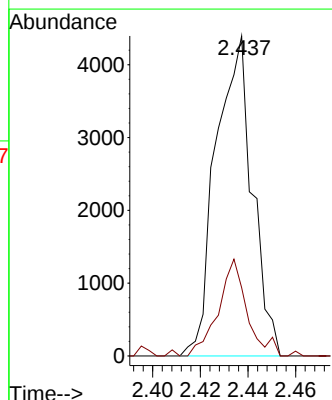
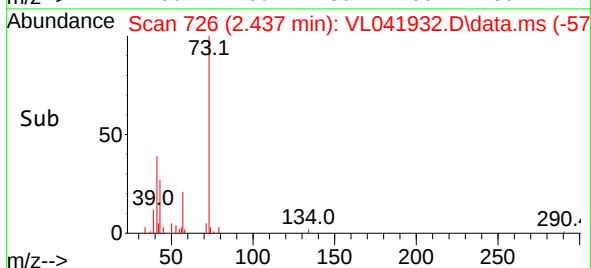
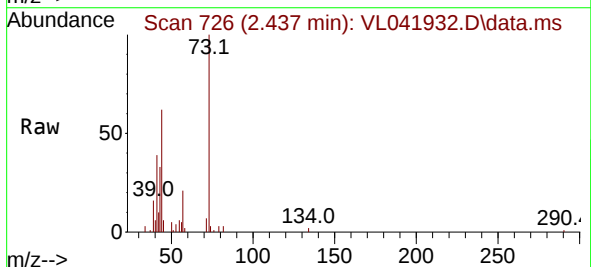


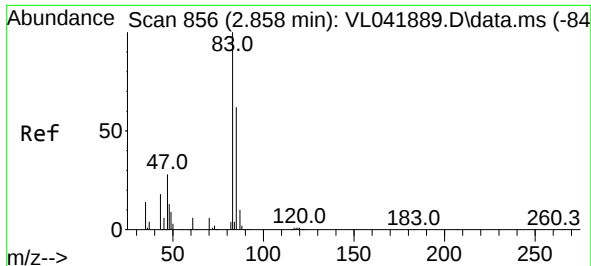
Tgt Ion: 76 Resp: 6481
Ion Ratio Lower Upper
76 100
44 72.7 15.4 23.0#
78 15.4 9.3 13.9#



#28
Methyl tert-Butyl Ether
Concen: 0.354 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.013 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 73 Resp: 4656
Ion Ratio Lower Upper
73 100
57 24.1 18.1 27.1





#29

Chloroform

Concen: 0.464 ppbv

RT: 2.839 min Scan# 81

Delta R.T. -0.019 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

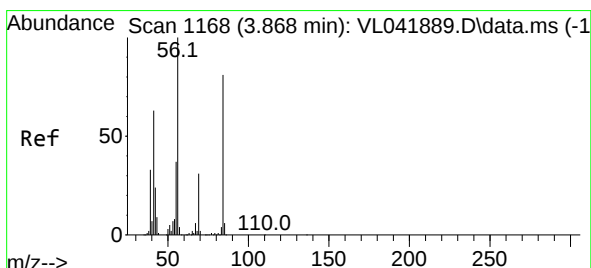
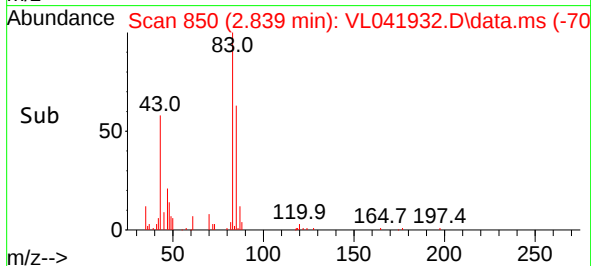
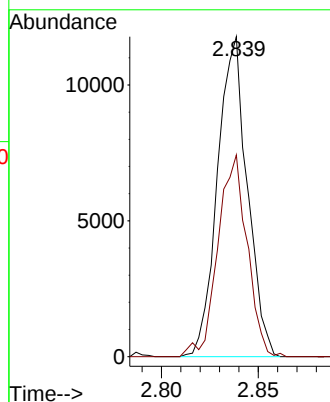
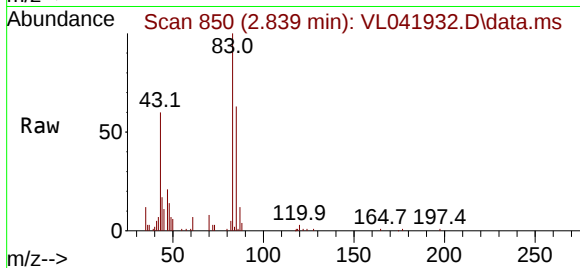
ClientSampleId :

Tgt Ion: 83 Resp: 12601

Ion Ratio Lower Upper

83 100

85 63.0 50.1 75.1



#30

Cyclohexane

Concen: 0.365 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. -0.029 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

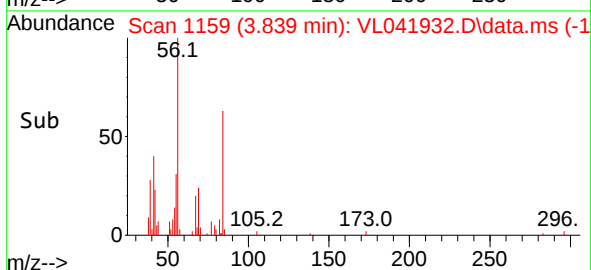
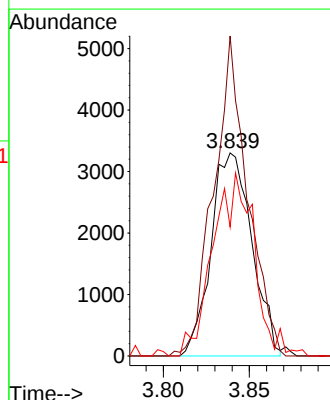
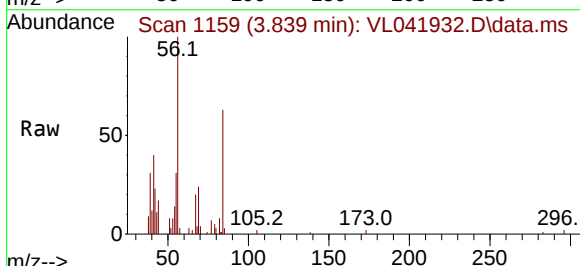
Tgt Ion: 84 Resp: 5443

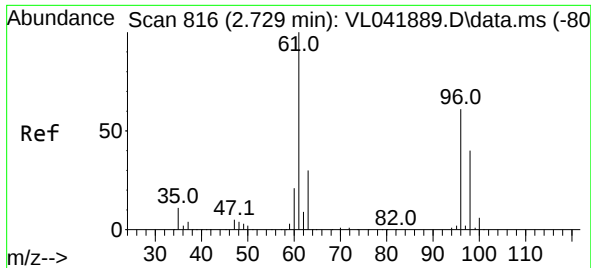
Ion Ratio Lower Upper

84 100

56 131.0 99.3 148.9

41 91.8 64.3 96.5

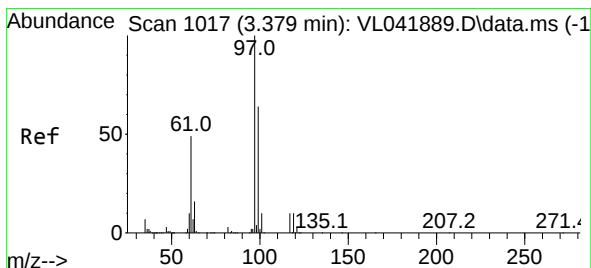
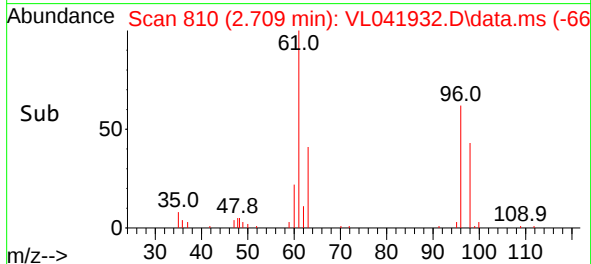
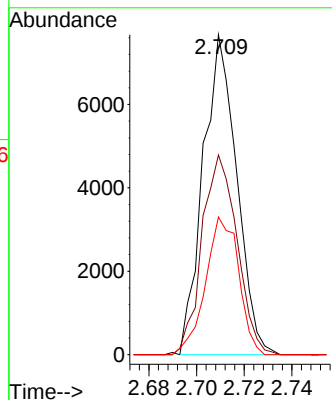
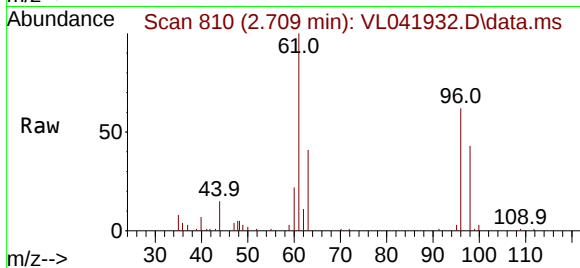




#31
 cis-1,2-Dichloroethene
 Concen: 0.416 ppbv
 RT: 2.709 min Scan# 81
 Delta R.T. -0.019 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

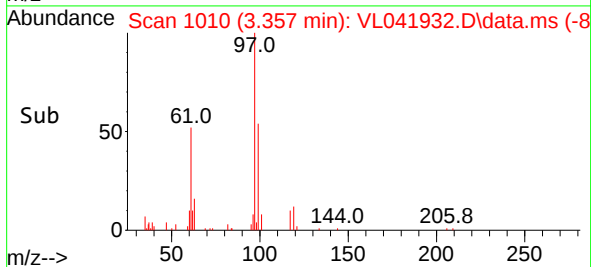
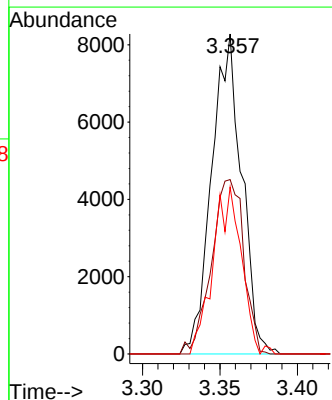
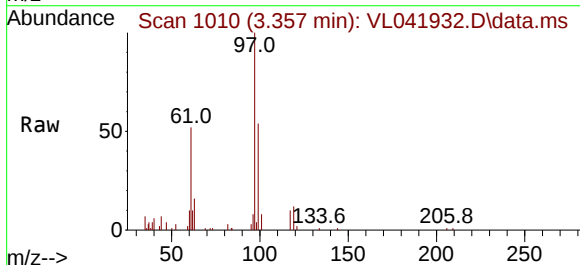
Instrument :
 MSVOA_L
 ClientSampleId :

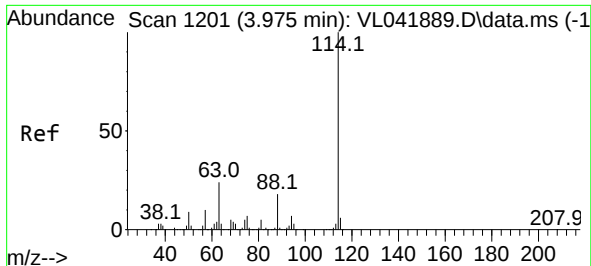
Tgt Ion: 61	Resp:	7537
Ion	Ratio	Lower Upper
61	100	
96	62.4	48.7 73.1
98	43.1	31.6 47.4



#32
 1,1,1-Trichloroethane
 Concen: 0.429 ppbv
 RT: 3.357 min Scan# 1010
 Delta R.T. -0.023 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Tgt Ion: 97	Resp:	11152
Ion	Ratio	Lower Upper
97	100	
99	58.5	51.1 76.7
61	49.8	39.0 58.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.939 min Scan# 1190

Delta R.T. -0.036 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

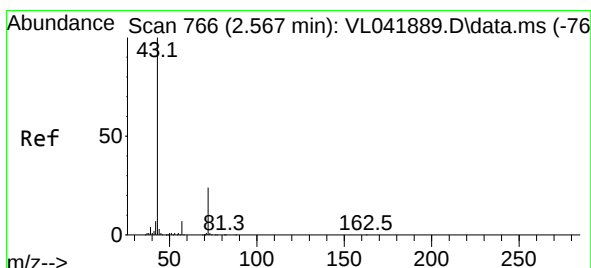
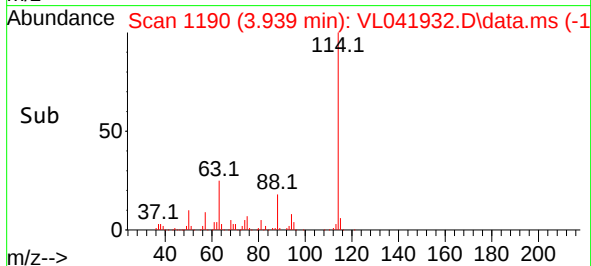
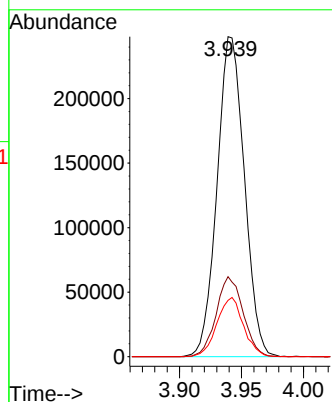
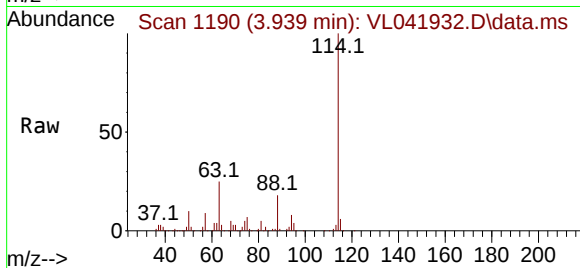
Tgt Ion:114 Resp: 380797

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

88 17.9 14.4 21.6



#34

2-Butanone

Concen: 0.474 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.013 min

Lab File: VL041932.D

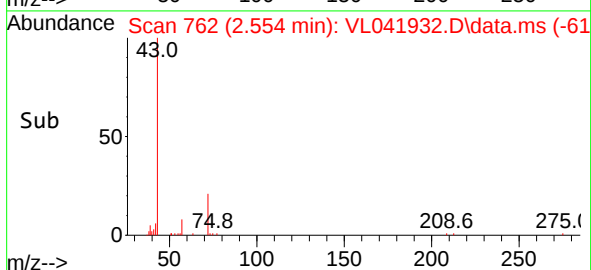
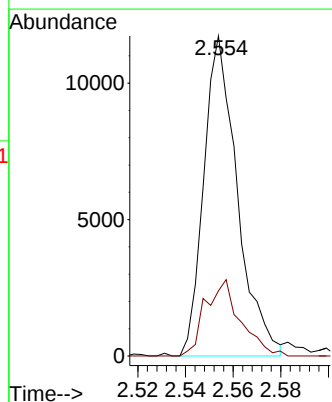
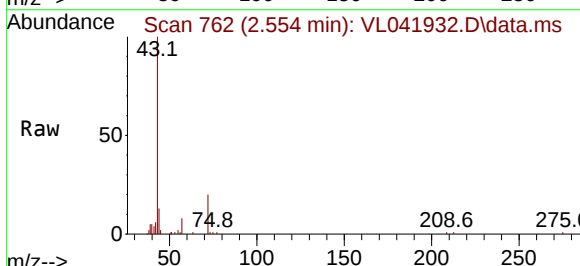
Acq: 20 Jan 2025 22:30

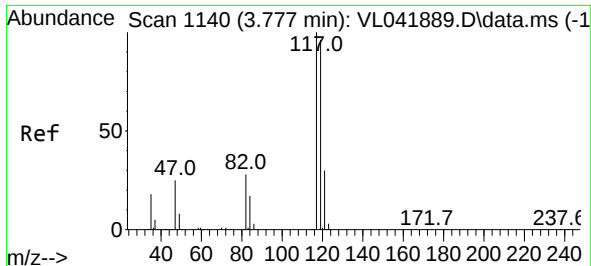
Tgt Ion: 43 Resp: 11470

Ion Ratio Lower Upper

43 100

72 24.9 18.6 28.0

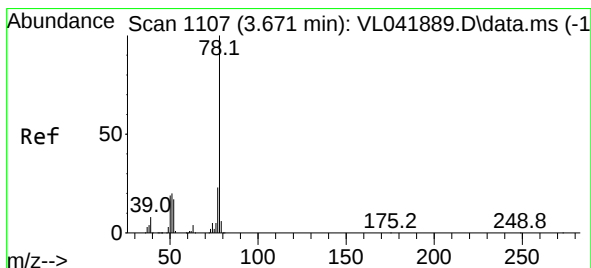
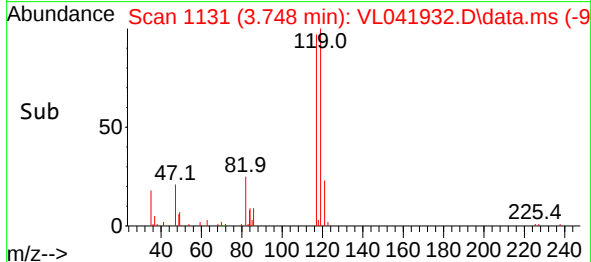
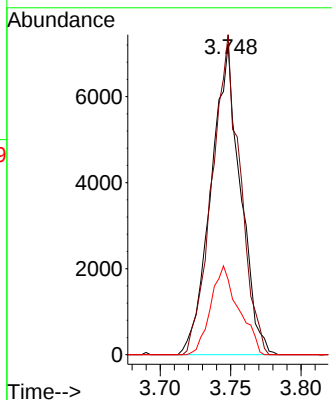
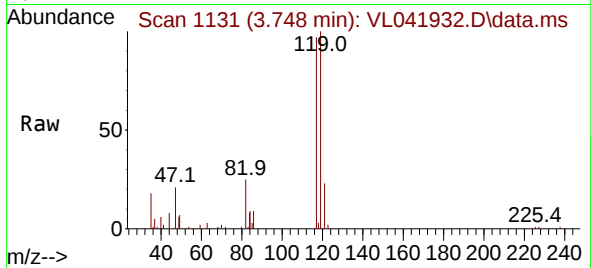




#35
Carbon Tetrachloride
Concen: 0.439 ppbv
RT: 3.748 min Scan# 1140
Delta R.T. -0.029 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

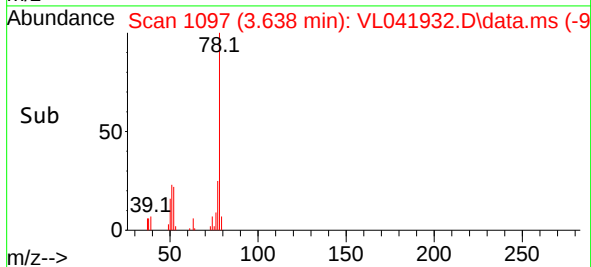
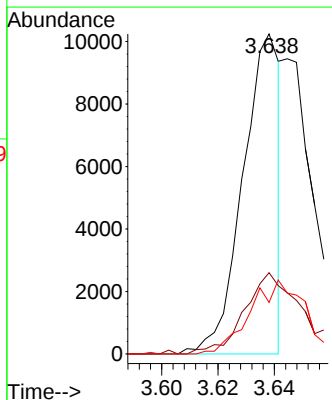
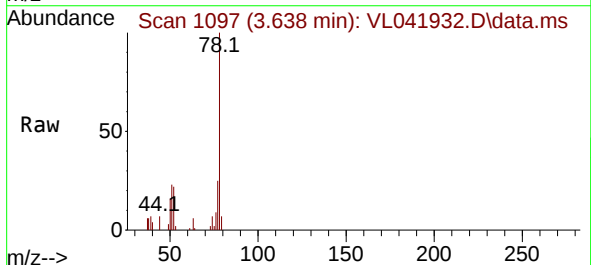
Instrument :
MSVOA_L
ClientSampleId :

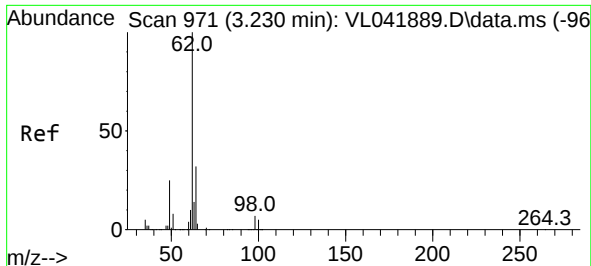
Tgt Ion:117 Resp: 10508
Ion Ratio Lower Upper
117 100
119 103.0 76.9 115.3
121 24.2 23.8 35.6



#36
Benzene
Concen: 0.267 ppbv
RT: 3.638 min Scan# 1097
Delta R.T. -0.032 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 78 Resp: 9336
Ion Ratio Lower Upper
78 100
77 25.4 18.1 27.1
50 16.1 15.2 22.8

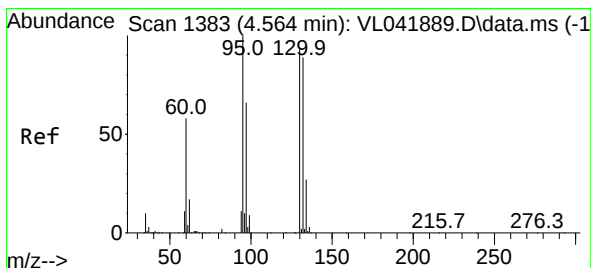
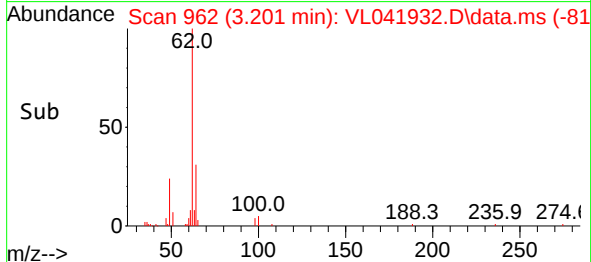
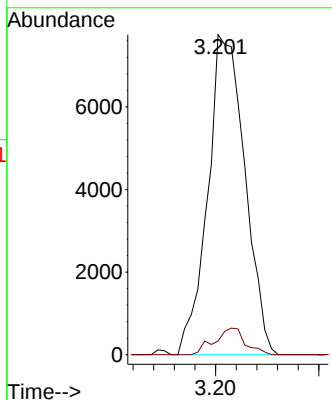
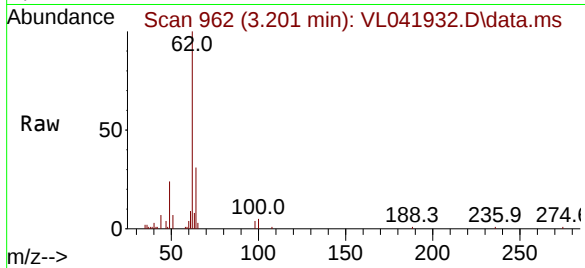




#37
1,2-Dichloroethane
Concen: 0.493 ppbv
RT: 3.201 min Scan# 91
Delta R.T. -0.029 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

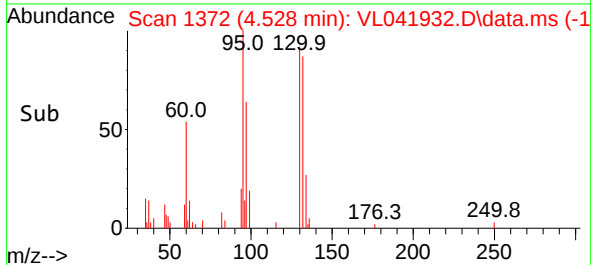
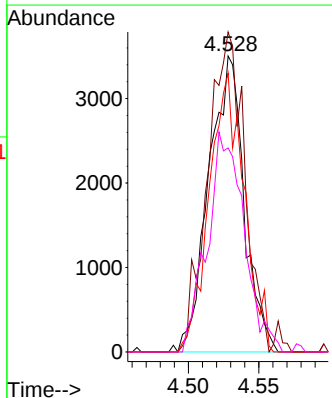
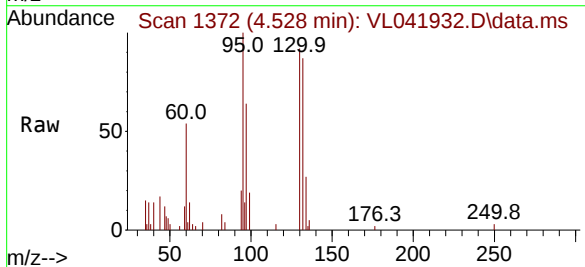
Instrument :
MSVOA_L
ClientSampleId :

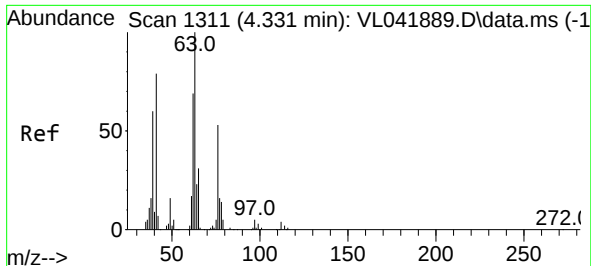
Tgt Ion: 62 Resp: 9662
Ion Ratio Lower Upper
62 100
98 6.9 5.4 8.0



#38
Trichloroethene
Concen: 0.439 ppbv
RT: 4.528 min Scan# 1372
Delta R.T. -0.036 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion:130 Resp: 6086
Ion Ratio Lower Upper
130 100
95 108.1 85.8 128.8
132 94.2 76.5 114.7
97 68.9 56.8 85.2





#39

1,2-Dichloropropane

Concen: 0.372 ppbv

RT: 4.298 min Scan# 11

Delta R.T. -0.032 min

Lab File: VL041932.D

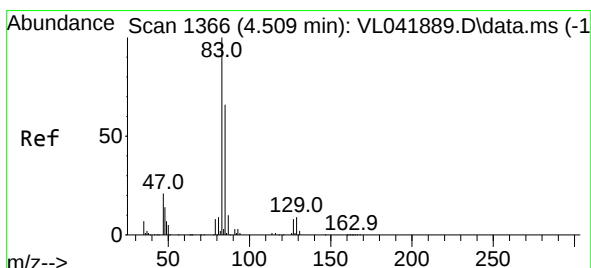
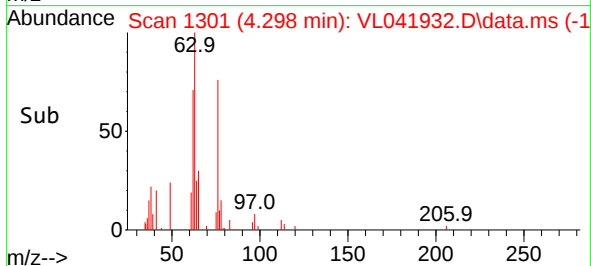
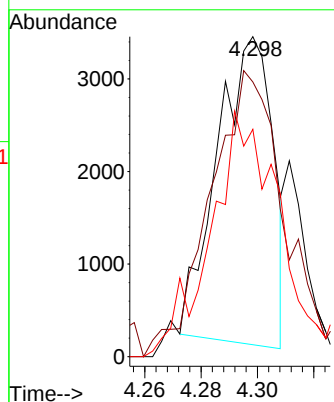
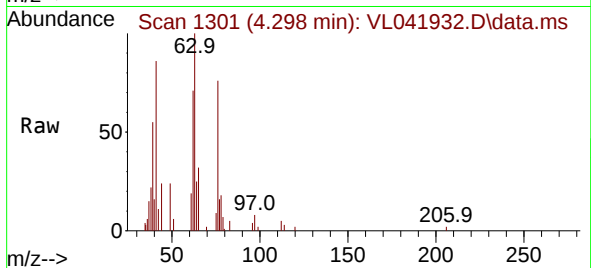
Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 63	Resp: 4552
Ion Ratio	Lower Upper
63 100	
41 82.9	63.7 95.5
62 50.0	55.4 83.2#



#42

Bromodichloromethane

Concen: 0.415 ppbv

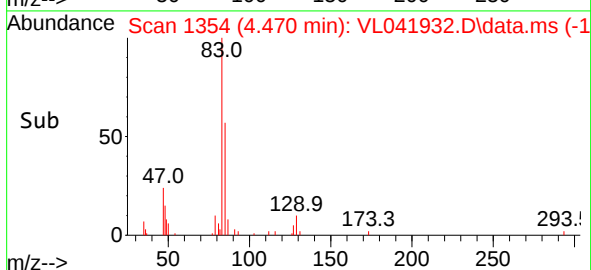
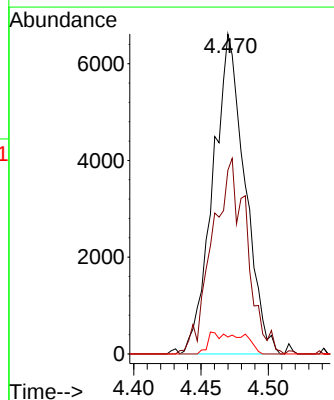
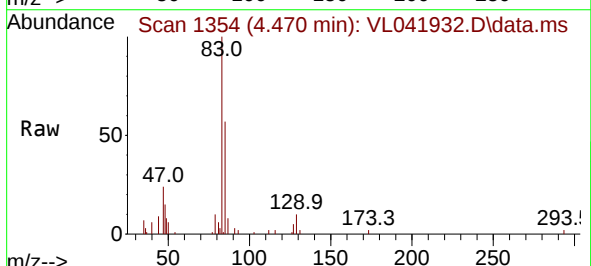
RT: 4.470 min Scan# 1354

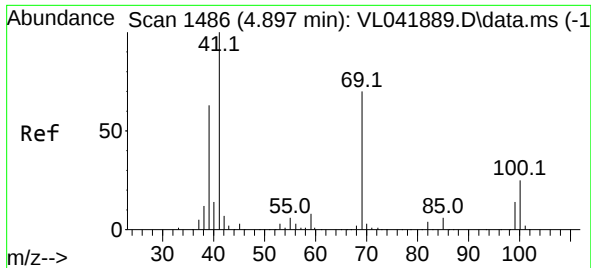
Delta R.T. -0.039 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Tgt Ion: 83	Resp: 10924
Ion Ratio	Lower Upper
83 100	
85 56.4	52.6 78.8
127 5.3	6.4 9.6#

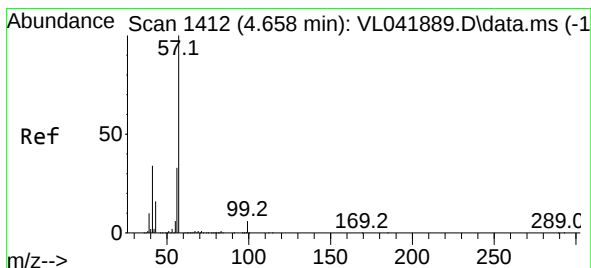
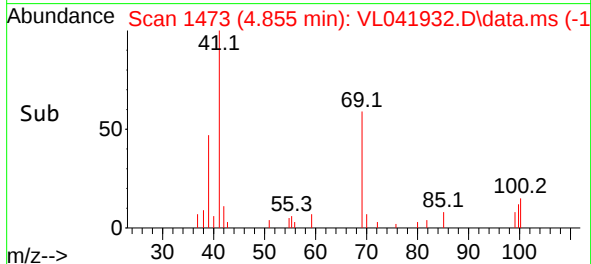
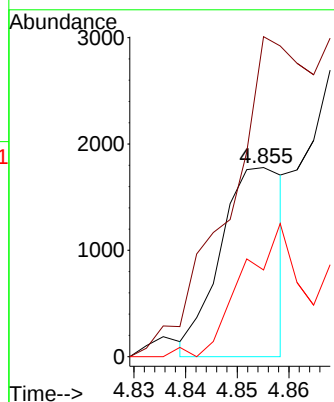
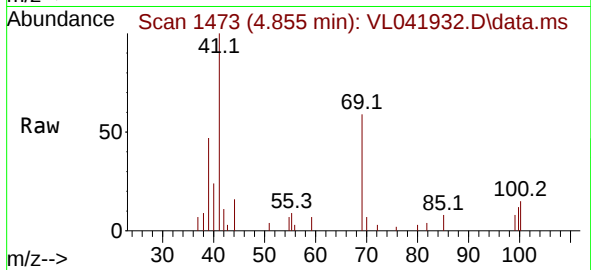




#43
Methyl Methacrylate
Concen: 0.116 ppbv
RT: 4.855 min Scan# 1486
Delta R.T. -0.042 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

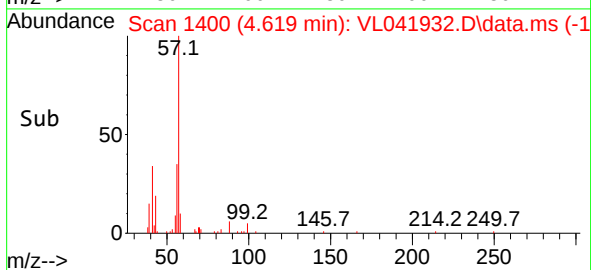
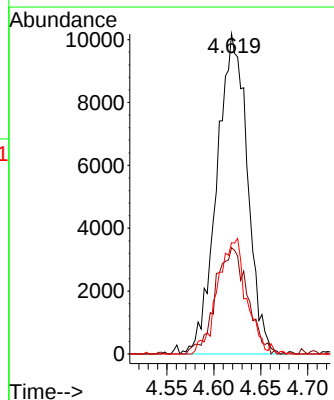
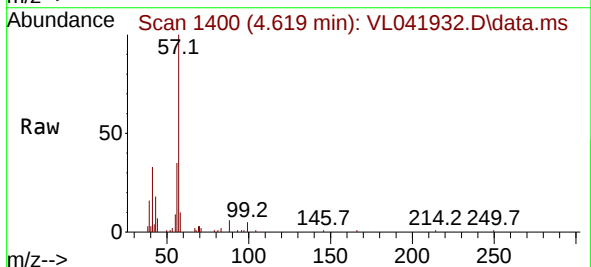
Instrument :
MSVOA_L
ClientSampleId :

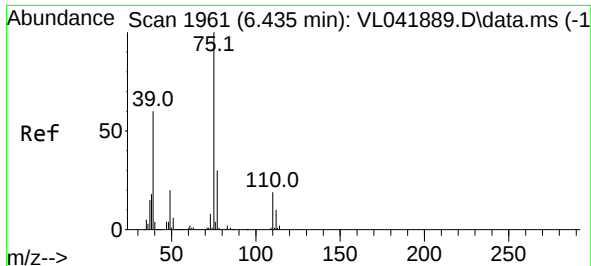
Tgt Ion: 69 Resp: 1503
Ion Ratio Lower Upper
69 100
41 451.6 118.6 177.8#
100 123.6 29.3 43.9#



#44
2,2,4-Trimethylpentane
Concen: 0.408 ppbv
RT: 4.619 min Scan# 1400
Delta R.T. -0.039 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 57 Resp: 23065
Ion Ratio Lower Upper
57 100
41 35.0 26.6 40.0
56 34.1 25.4 38.2

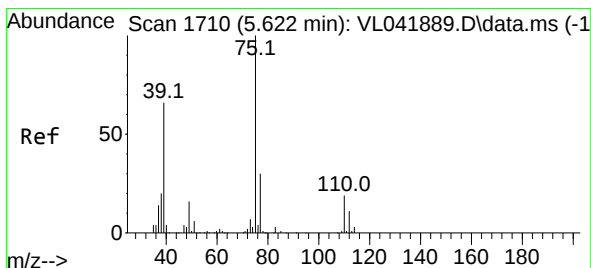
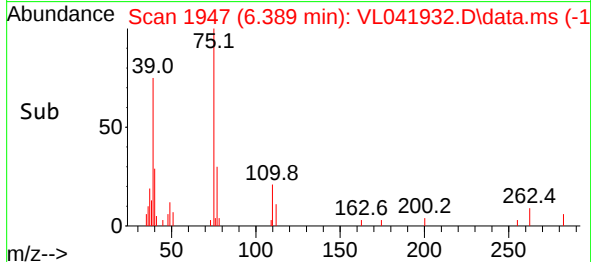
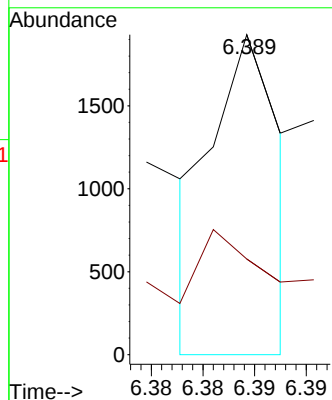
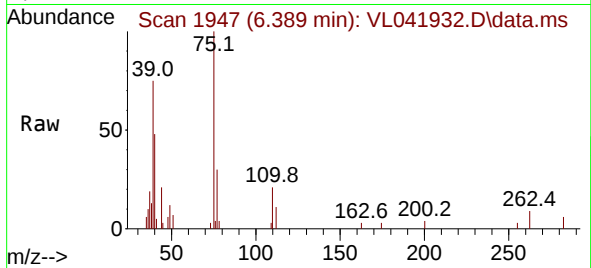




#45
t-1,3-Dichloropropene
Concen: 0.072 ppbv
RT: 6.389 min Scan# 1947
Delta R.T. -0.045 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

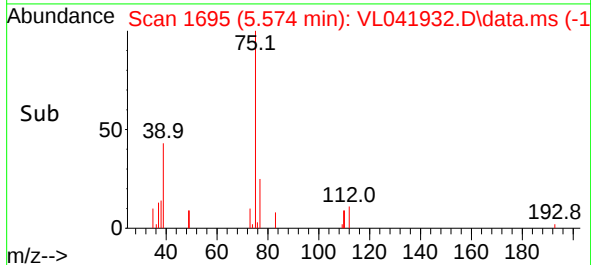
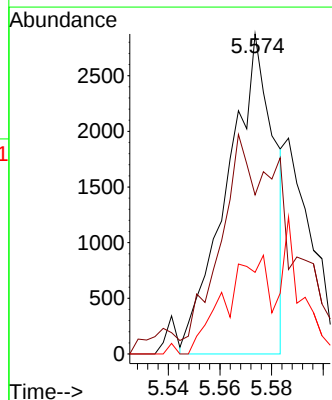
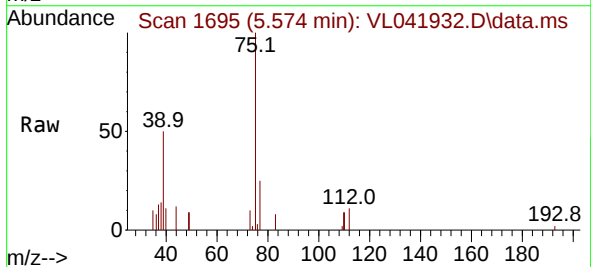
Instrument :
MSVOA_L
ClientSampleId :

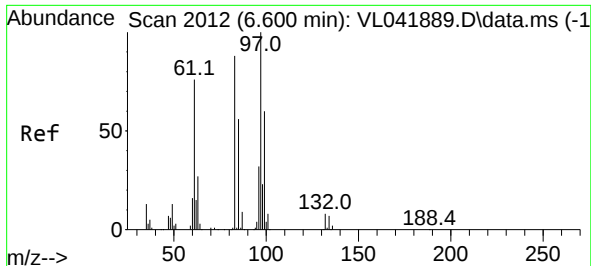
Tgt Ion: 75 Resp: 876
Ion Ratio Lower Upper
75 100
77 29.9 24.3 36.5



#46
cis-1,3-Dichloropropene
Concen: 0.228 ppbv
RT: 5.574 min Scan# 1695
Delta R.T. -0.049 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 75 Resp: 3636
Ion Ratio Lower Upper
75 100
39 46.4 53.1 79.7#
77 26.0 23.8 35.8





#47

1,1,2-Trichloroethane

Concen: 0.055 ppbv

RT: 6.545 min Scan# 11

Delta R.T. -0.055 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 714

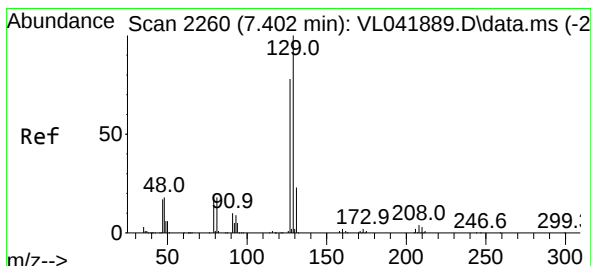
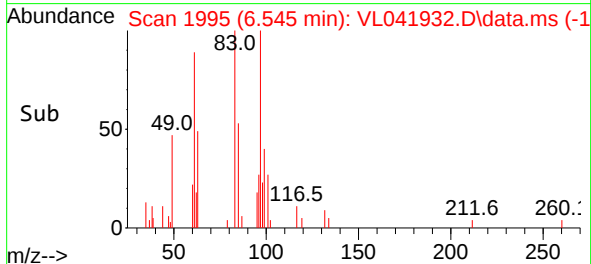
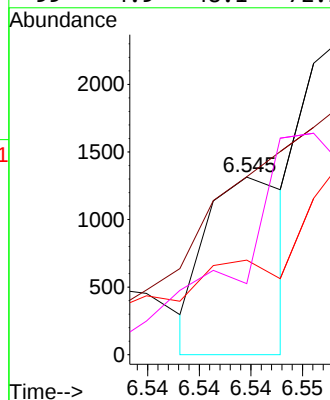
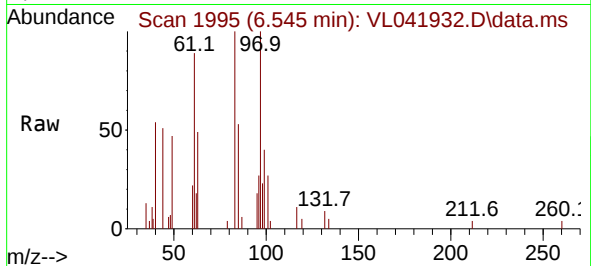
Ion Ratio Lower Upper

97 100

83 66.8 70.4 105.6#

85 30.0 45.0 67.4#

99 4.9 48.1 72.1#



#48

Dibromochloromethane

Concen: 0.242 ppbv

RT: 7.363 min Scan# 2248

Delta R.T. -0.039 min

Lab File: VL041932.D

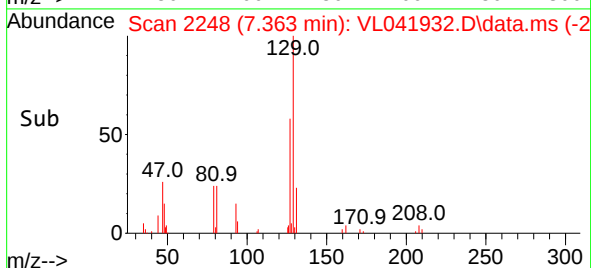
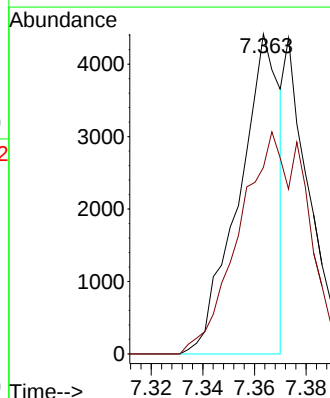
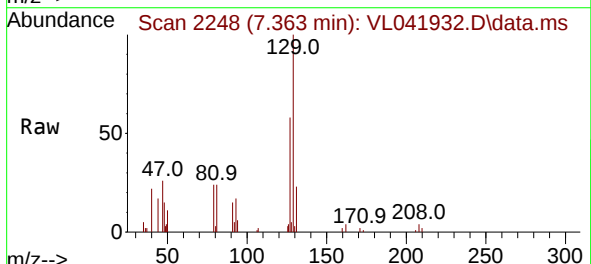
Acq: 20 Jan 2025 22:30

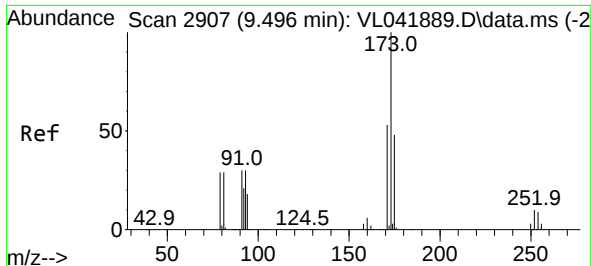
Tgt Ion: 129 Resp: 4850

Ion Ratio Lower Upper

129 100

127 117.1 39.3 117.8

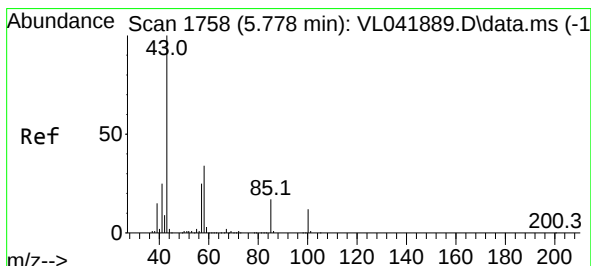
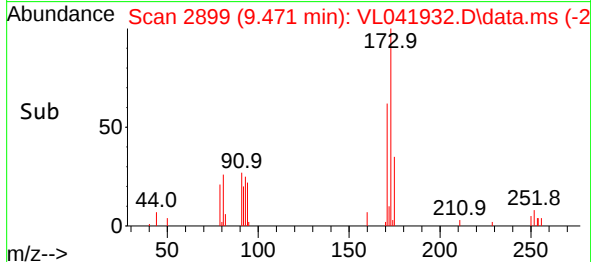
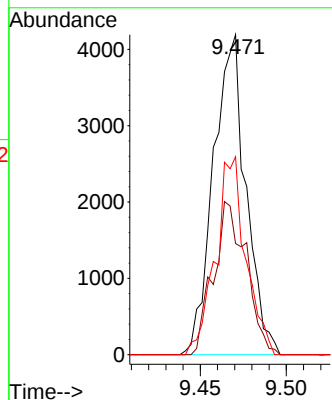
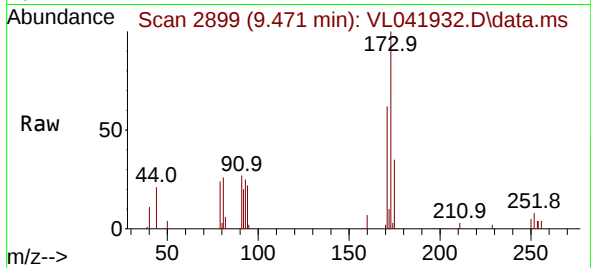




#49
Bromoform
Concen: 0.335 ppbv
RT: 9.471 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

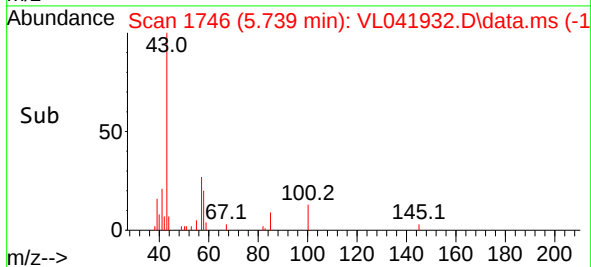
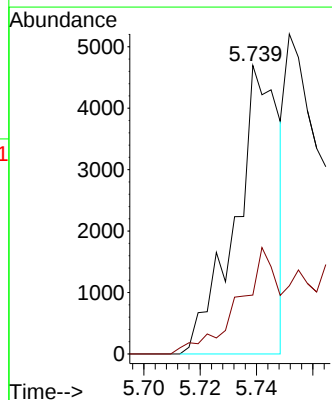
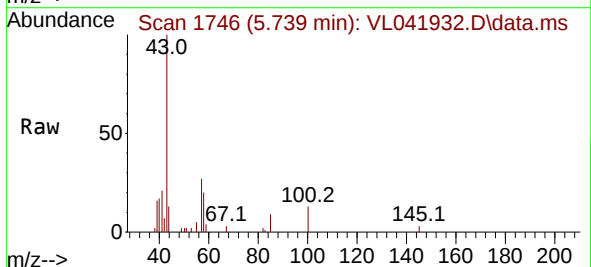
Instrument :
MSVOA_L
ClientSampleId :

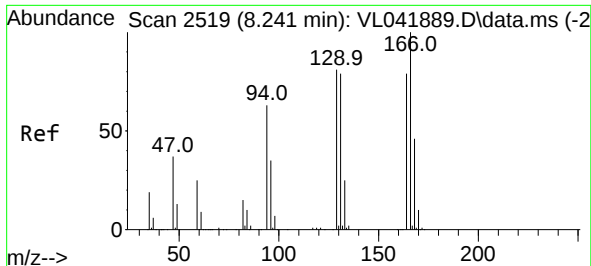
Tgt Ion:173 Resp: 5509
Ion Ratio Lower Upper
173 100
175 48.2 38.4 57.6
171 57.5 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.151 ppbv
RT: 5.739 min Scan# 1746
Delta R.T. -0.039 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

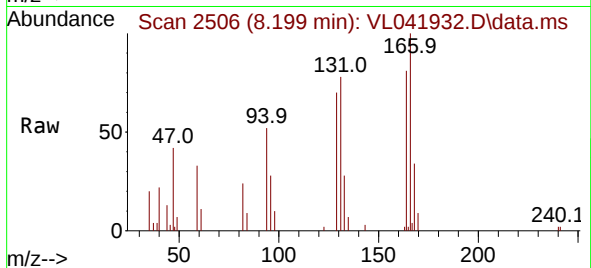
Tgt Ion: 43 Resp: 5005
Ion Ratio Lower Upper
43 100
58 77.7 29.0 43.6#





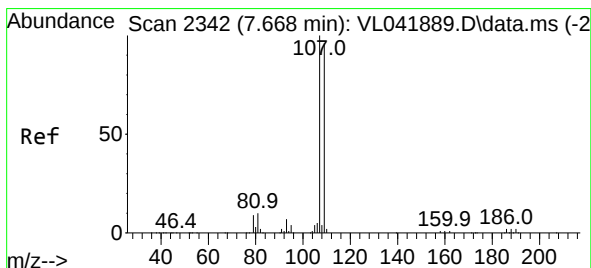
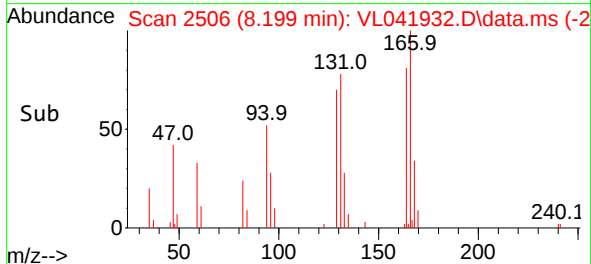
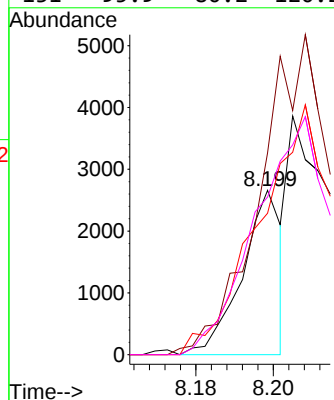
#52
Tetrachloroethene
Concen: 0.155 ppbv
RT: 8.199 min Scan# 21
Delta R.T. -0.042 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:164 Resp: 1874

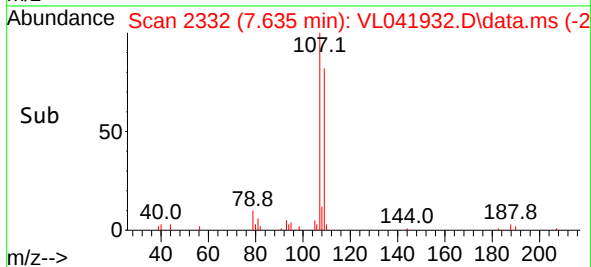
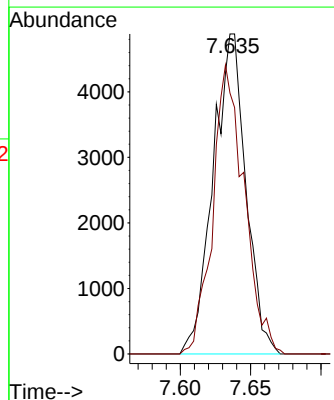
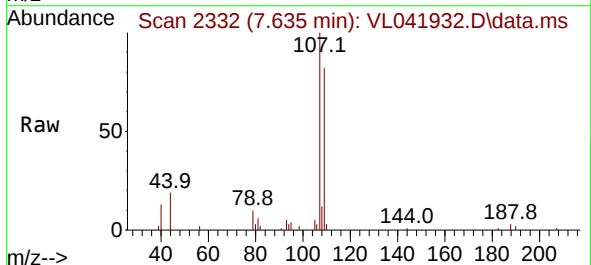
Ion	Ratio	Lower	Upper
164	100		
166	119.0	100.8	151.2
129	86.0	82.0	123.0
131	95.9	80.2	120.2

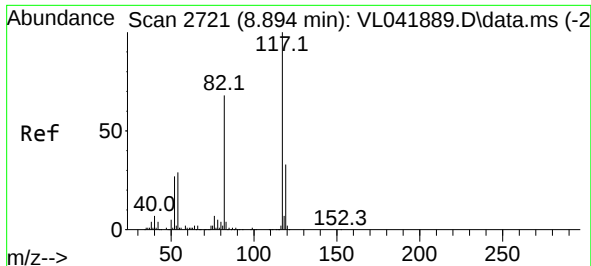


#54
1,2-Dibromoethane
Concen: 0.446 ppbv
RT: 7.635 min Scan# 2332
Delta R.T. -0.032 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion:107 Resp: 7957

Ion	Ratio	Lower	Upper
107	100		
109	81.5	76.7	115.1

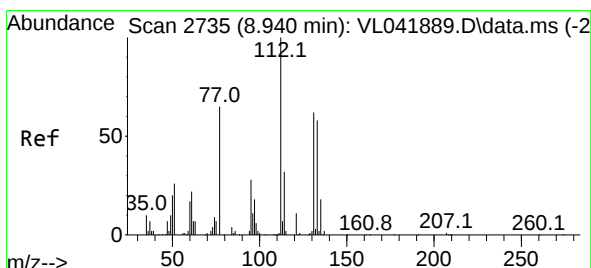
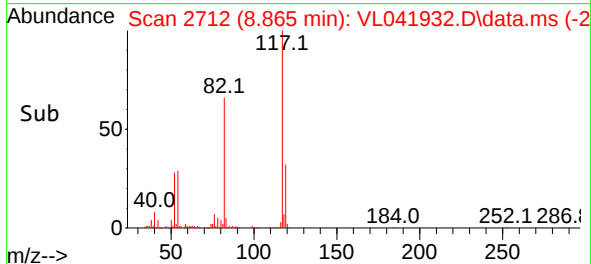
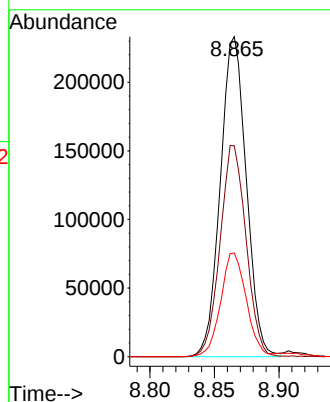
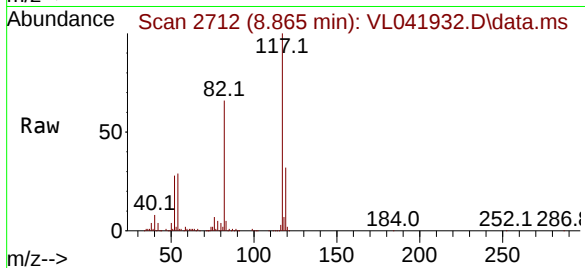




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.865 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

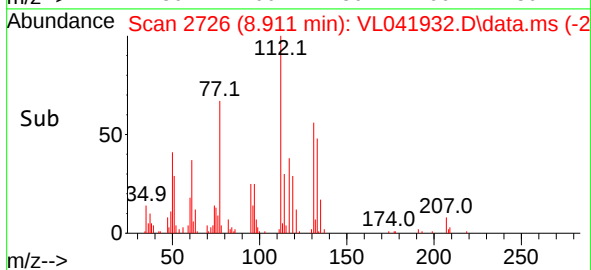
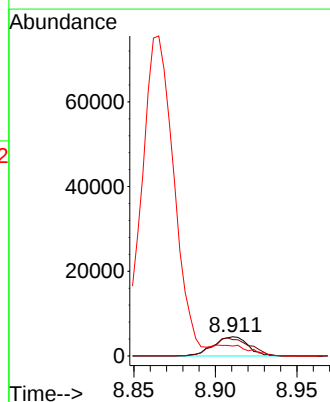
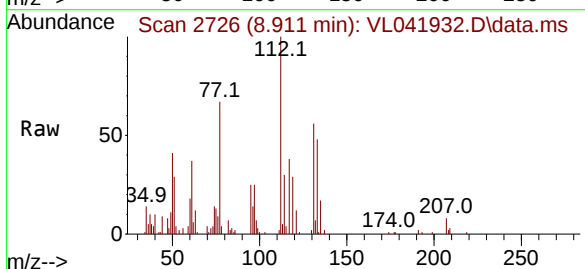
Instrument :
MSVOA_L
ClientSampleId :

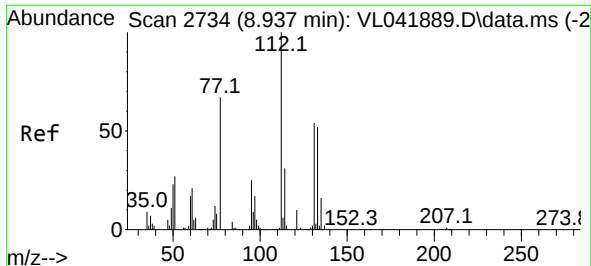
Tgt Ion:117 Resp: 326374
Ion Ratio Lower Upper
117 100
82 66.1 54.2 81.4
119 33.2 25.0 37.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.410 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. -0.029 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion:131 Resp: 6670
Ion Ratio Lower Upper
131 100
133 100.6 76.0 114.0
119 1627.0 49.7 74.5#

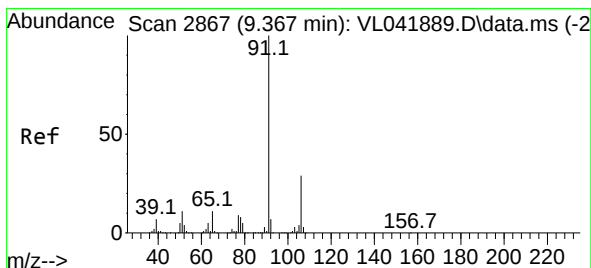
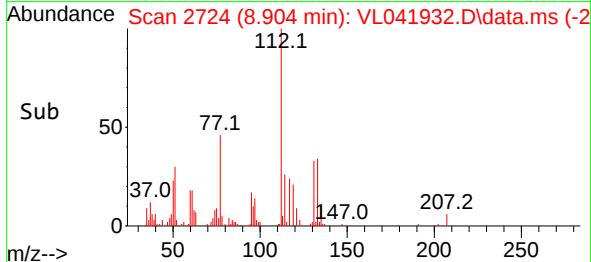
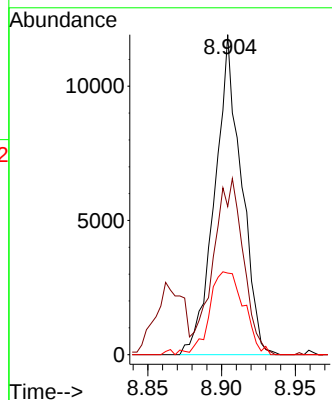
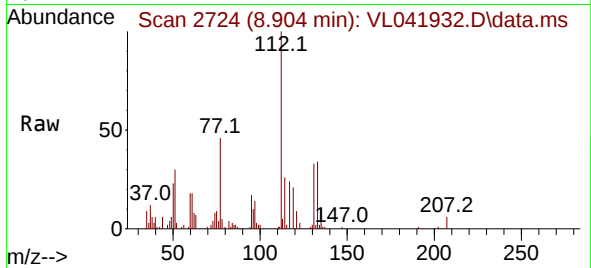




#57
Chlorobenzene
Concen: 0.497 ppbv
RT: 8.904 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

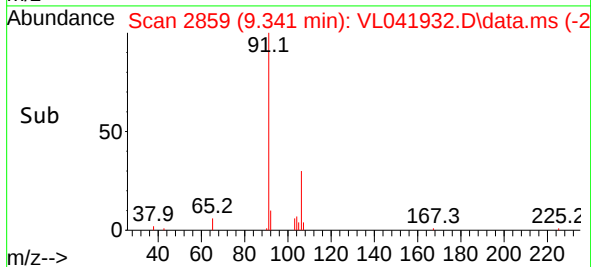
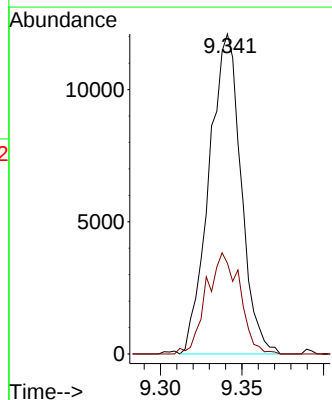
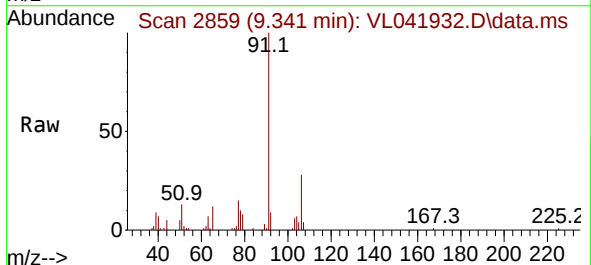
Instrument :
MSVOA_L
ClientSampleId :

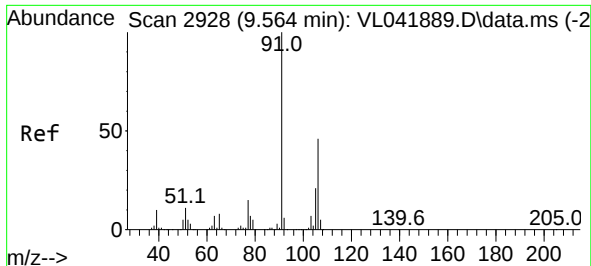
Tgt Ion:112 Resp: 14959
Ion Ratio Lower Upper
112 100
77 46.3 54.6 82.0#
114 25.5 28.2 34.4#



#58
Ethyl Benzene
Concen: 0.324 ppbv
RT: 9.341 min Scan# 2859
Delta R.T. -0.026 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 91 Resp: 16531
Ion Ratio Lower Upper
91 100
106 28.4 23.1 34.7





#59

m/p-Xylene

Concen: 0.368 ppbv

RT: 9.535 min Scan# 2919

Delta R.T. -0.029 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

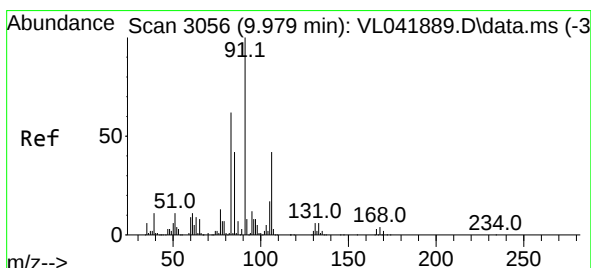
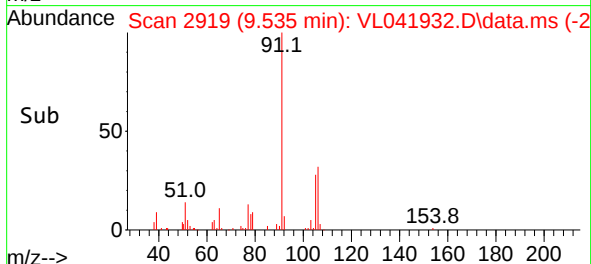
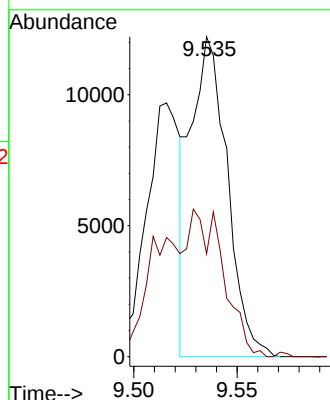
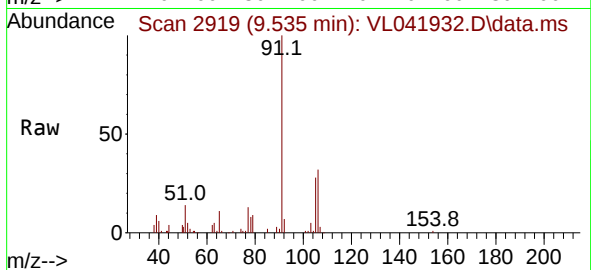
ClientSampleId :

Tgt Ion: 91 Resp: 15064

Ion Ratio Lower Upper

91 100

106 80.7 36.0 54.0#



#60

o-Xylene

Concen: 0.331 ppbv

RT: 9.953 min Scan# 3048

Delta R.T. -0.026 min

Lab File: VL041932.D

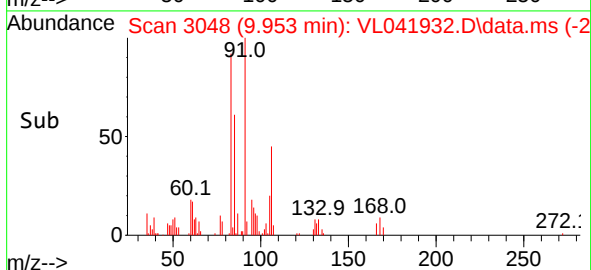
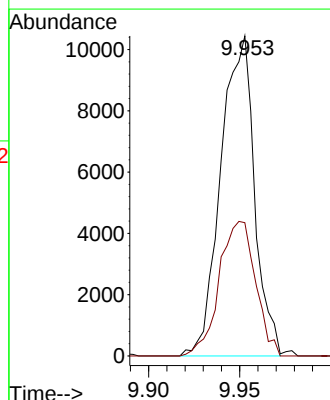
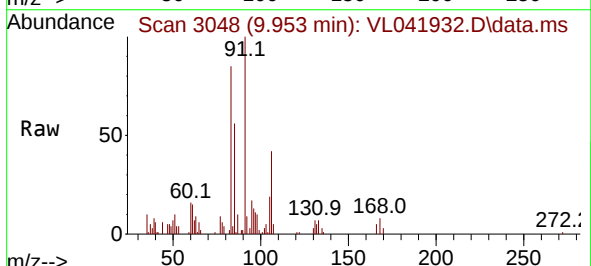
Acq: 20 Jan 2025 22:30

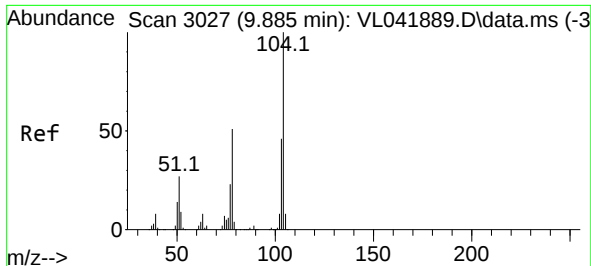
Tgt Ion: 91 Resp: 13421

Ion Ratio Lower Upper

91 100

106 45.4 21.3 63.9

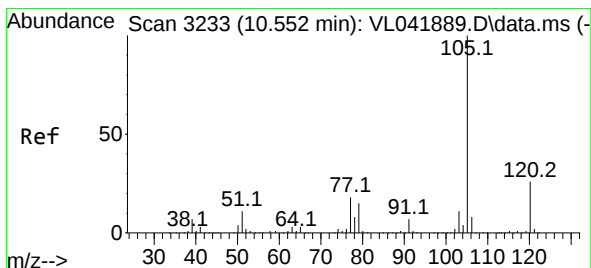
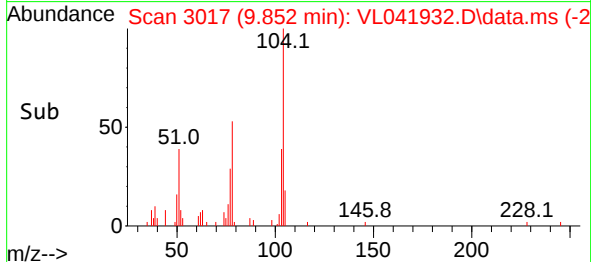
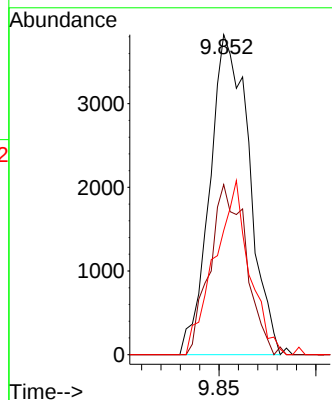
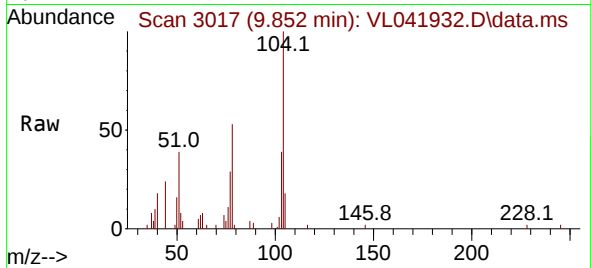




#61
Styrene
Concen: 0.296 ppbv
RT: 9.852 min Scan# 3027
Delta R.T. -0.032 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

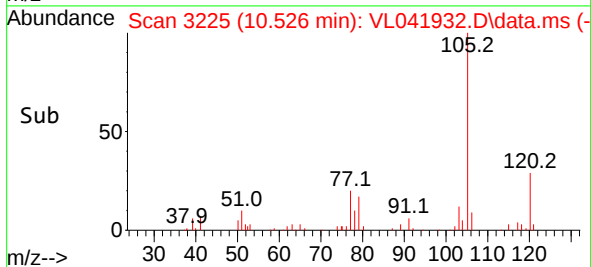
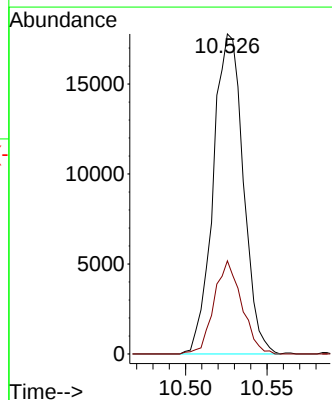
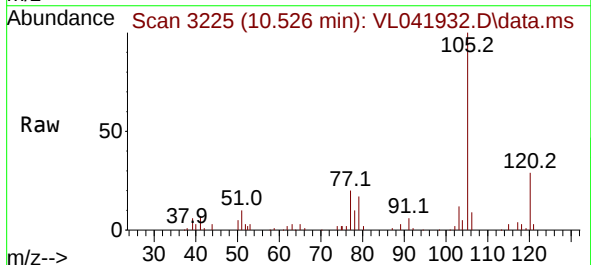
Instrument :
MSVOA_L
ClientSampleId :

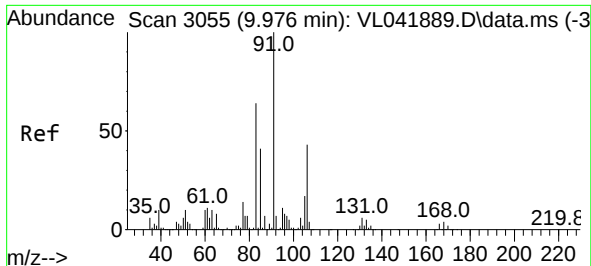
Tgt Ion:104 Resp: 5382
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 48.6 37.2 55.8



#62
Isopropylbenzene
Concen: 0.364 ppbv
RT: 10.526 min Scan# 3225
Delta R.T. -0.026 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion:105 Resp: 22844
Ion Ratio Lower Upper
105 100
120 26.8 20.3 30.5

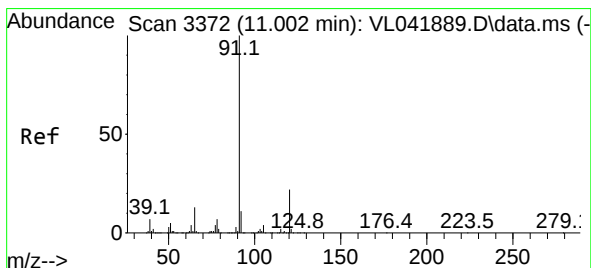
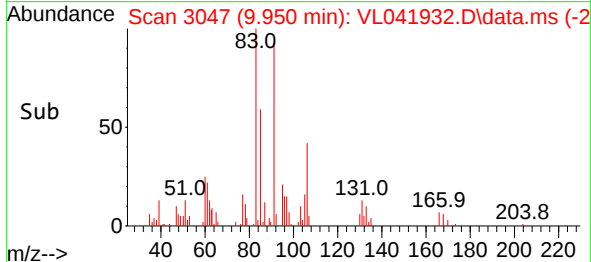
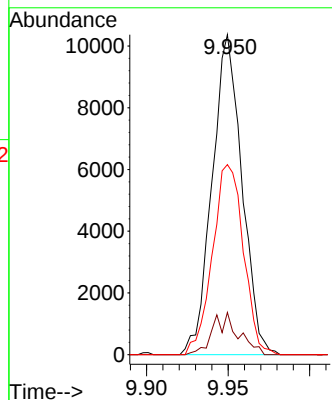
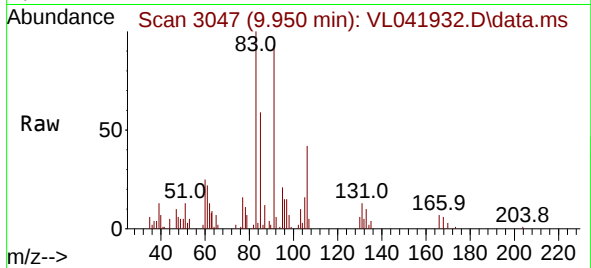




#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.509 ppbv
 RT: 9.950 min Scan# 3055
 Delta R.T. -0.026 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

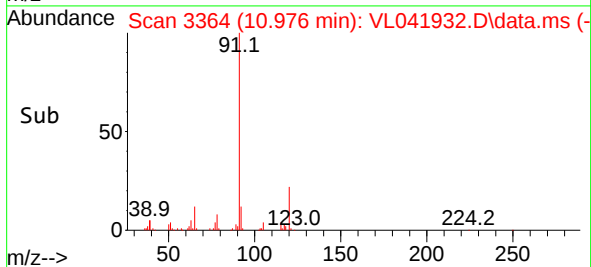
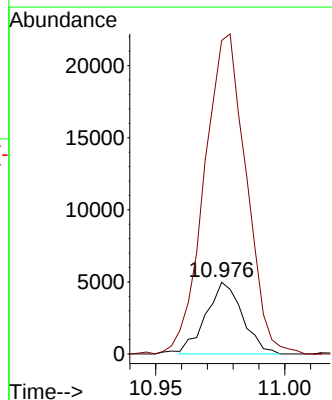
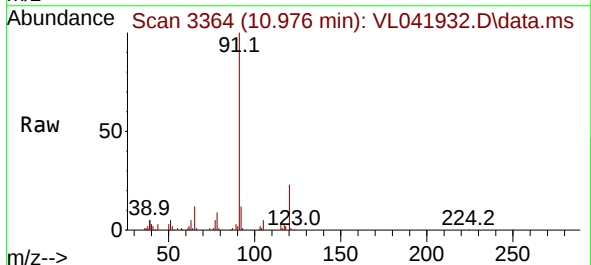
Instrument :
 MSVOA_L
 ClientSampleId :

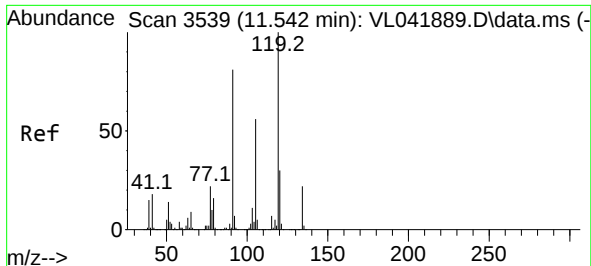
Tgt Ion: 83 Resp: 13187
 Ion Ratio Lower Upper
 83 100
 131 11.3 4.8 14.4
 85 61.6 32.4 97.2



#64
 n-propylbenzene
 Concen: 0.307 ppbv
 RT: 10.976 min Scan# 3364
 Delta R.T. -0.026 min
 Lab File: VL041932.D
 Acq: 20 Jan 2025 22:30

Tgt Ion: 120 Resp: 4867
 Ion Ratio Lower Upper
 120 100
 91 515.4 374.1 561.1

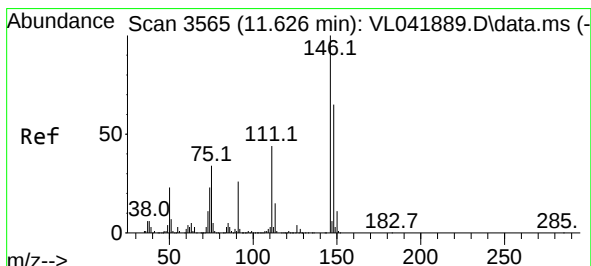
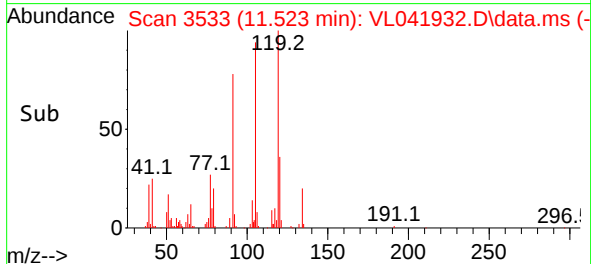
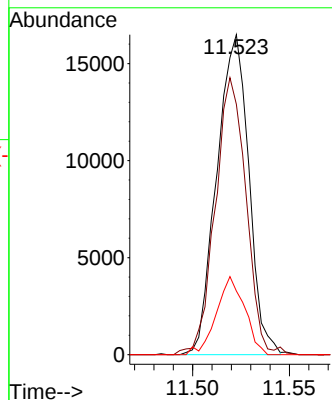
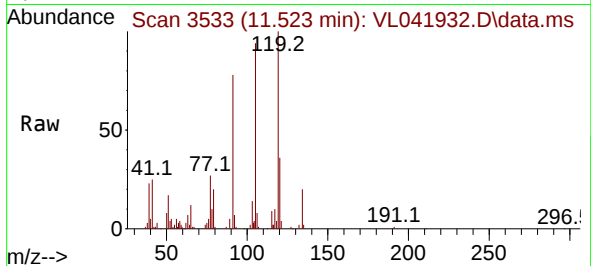




#65
tert-Butylbenzene
Concen: 0.331 ppbv
RT: 11.523 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

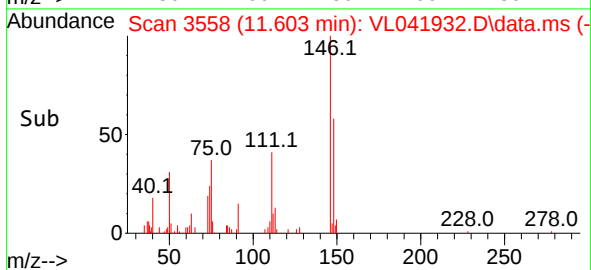
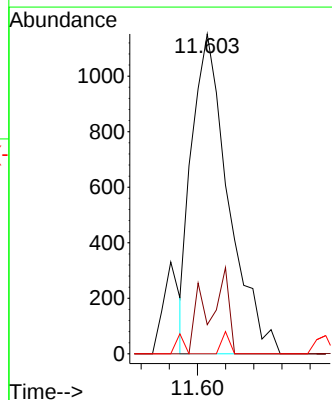
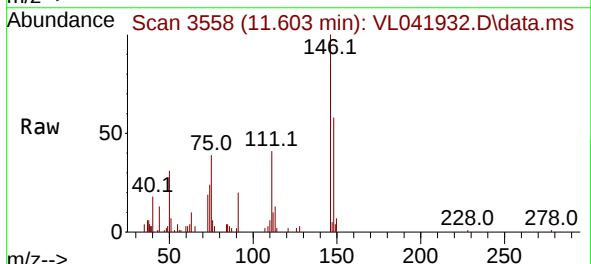
Instrument :
MSVOA_L
ClientSampleId :

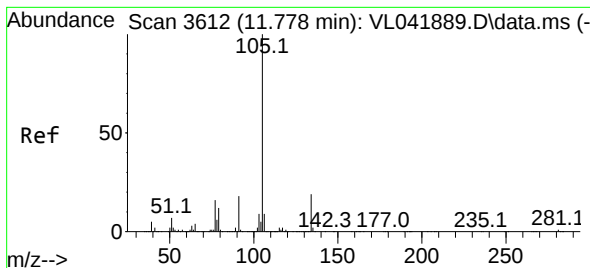
Tgt Ion:119 Resp: 18954
Ion Ratio Lower Upper
119 100
91 83.2 64.6 97.0
134 21.6 16.8 25.2



#66
Benzyl Chloride
Concen: 0.294 ppbv
RT: 11.603 min Scan# 3558
Delta R.T. -0.023 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion: 91 Resp: 1042
Ion Ratio Lower Upper
91 100
126 15.5 14.1 21.1
128 2.9 4.3 6.5





#67

sec-Butylbenzene

Concen: 0.332 ppbv

RT: 11.759 min Scan# 3175

Delta R.T. -0.019 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

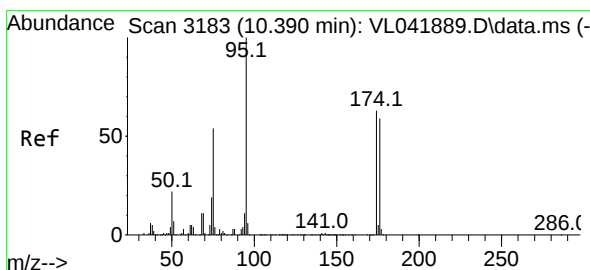
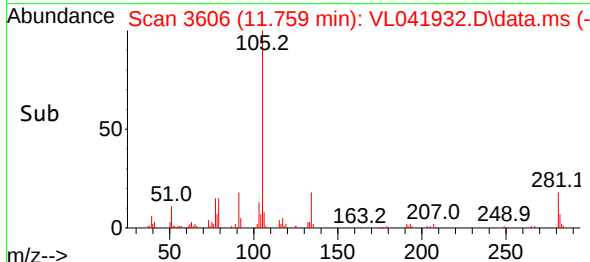
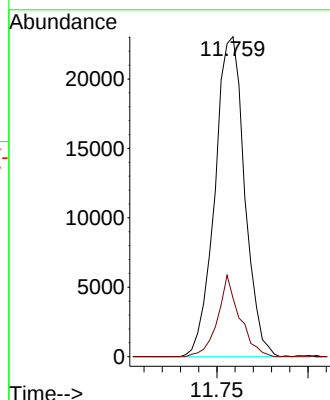
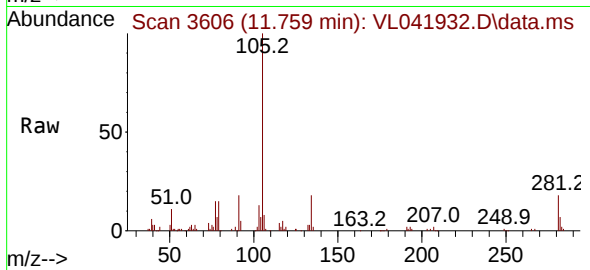
ClientSampleId :

Tgt Ion:105 Resp: 26136

Ion Ratio Lower Upper

105 100

134 18.9 15.1 22.7



#68

1-Bromo-4-Fluorobenzene

Concen: 9.967 ppbv

RT: 10.364 min Scan# 3175

Delta R.T. -0.026 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

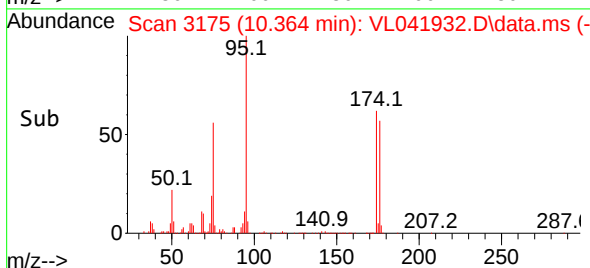
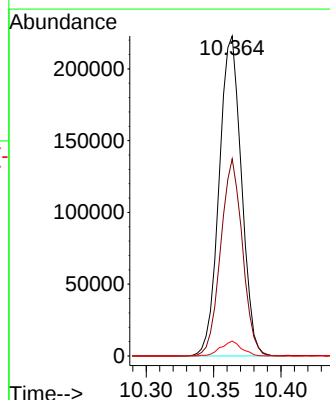
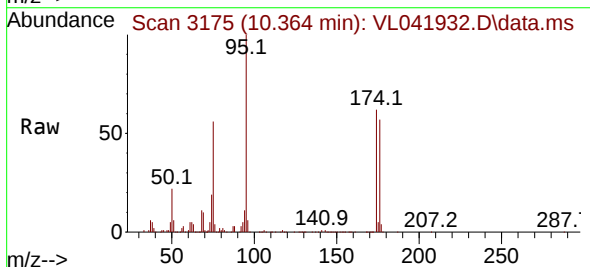
Tgt Ion: 95 Resp: 256221

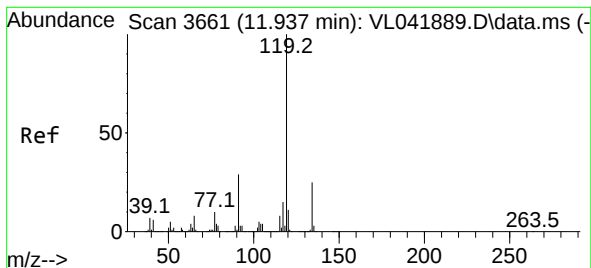
Ion Ratio Lower Upper

95 100

174 60.3 49.0 73.4

175 4.4 3.8 5.8





#69

p-Isopropyltoluene

Concen: 0.322 ppbv

RT: 11.914 min Scan# 30

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

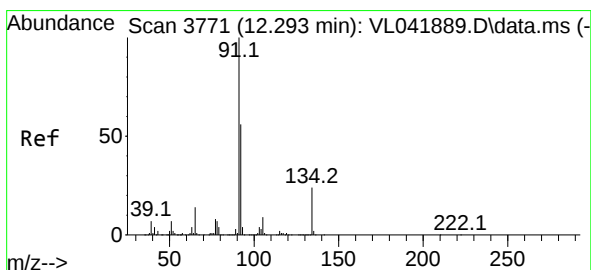
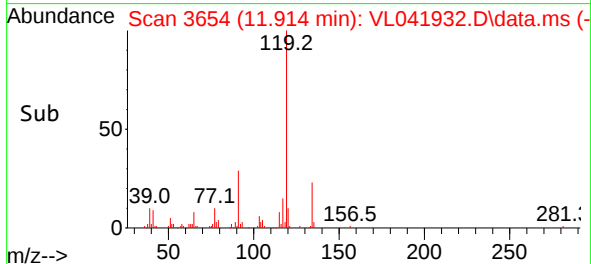
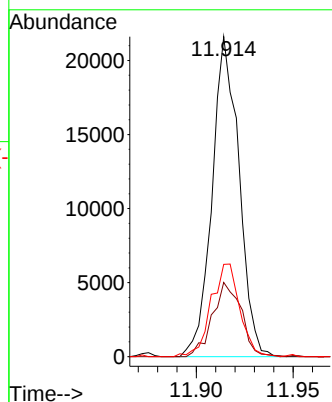
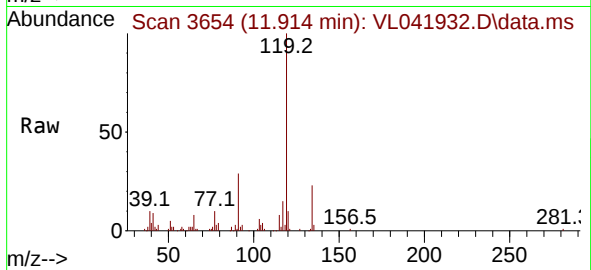
Tgt Ion:119 Resp: 20880

Ion Ratio Lower Upper

119 100

134 24.9 19.8 29.6

91 30.9 23.0 34.4



#70

n-Butylbenzene

Concen: 0.328 ppbv

RT: 12.273 min Scan# 3765

Delta R.T. -0.019 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

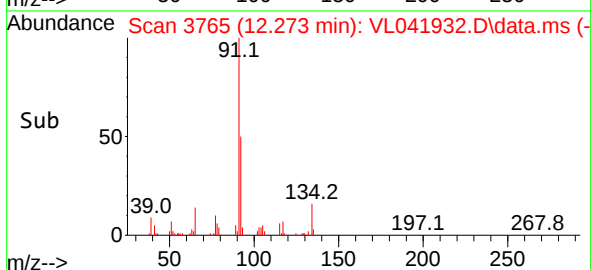
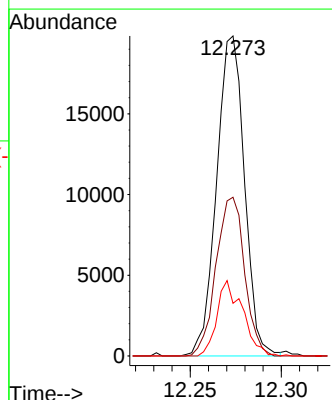
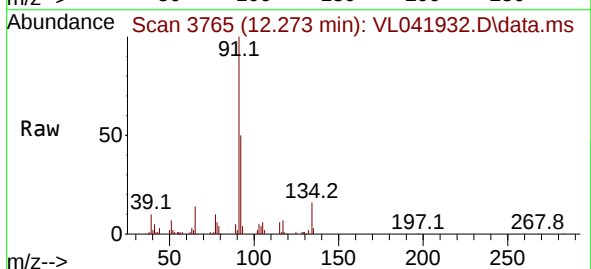
Tgt Ion: 91 Resp: 21088

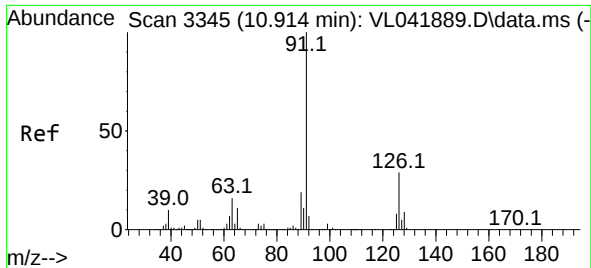
Ion Ratio Lower Upper

91 100

92 50.7 43.8 65.6

134 21.9 19.0 28.6

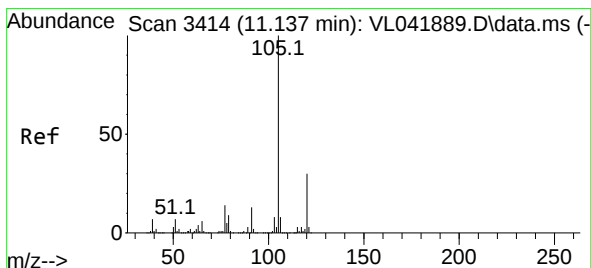
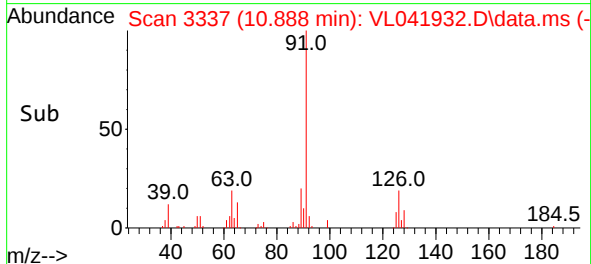
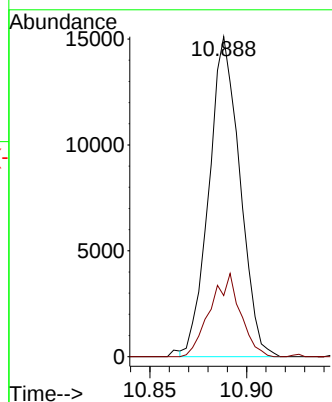
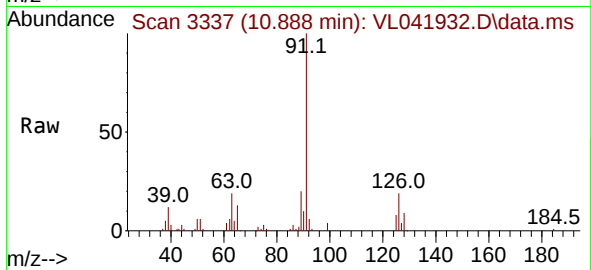




#71
2-Chlorotoluene
Concen: 0.362 ppbv
RT: 10.888 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

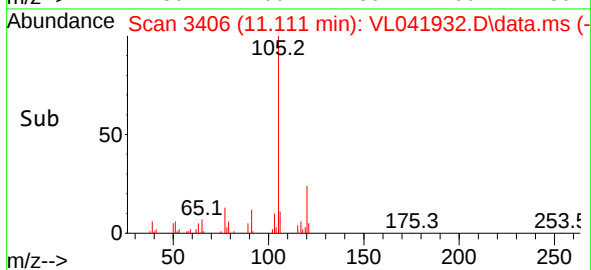
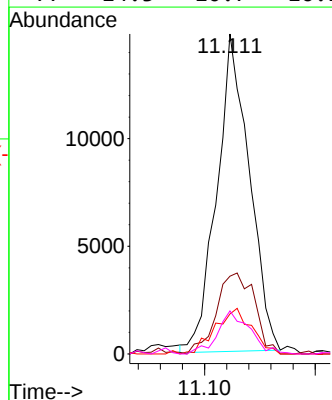
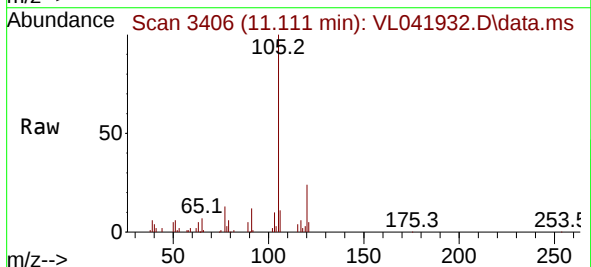
Instrument :
MSVOA_L
ClientSampleId :

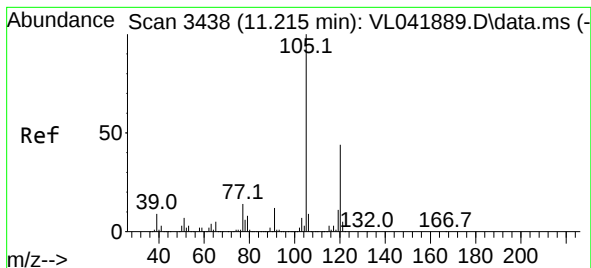
Tgt Ion: 91 Resp: 16804
Ion Ratio Lower Upper
91 100
126 25.5 11.7 46.7



#72
4-Ethyltoluene
Concen: 0.310 ppbv
RT: 11.111 min Scan# 3406
Delta R.T. -0.026 min
Lab File: VL041932.D
Acq: 20 Jan 2025 22:30

Tgt Ion:105 Resp: 15064
Ion Ratio Lower Upper
105 100
120 31.0 23.7 35.5
91 16.2 10.2 15.2#
77 14.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.327 ppbv

RT: 11.192 min Scan# 3438

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

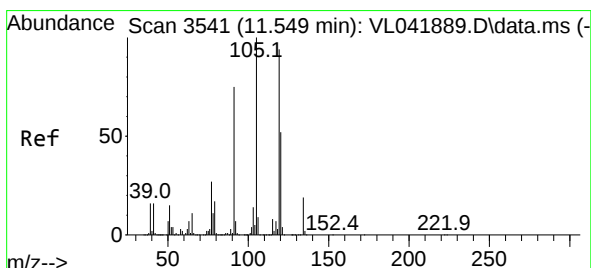
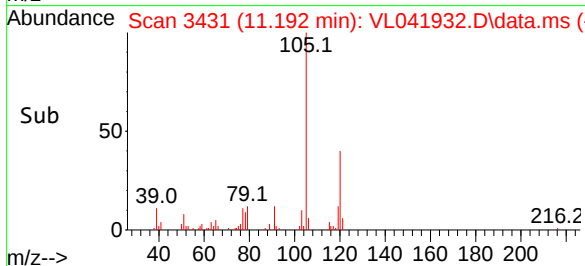
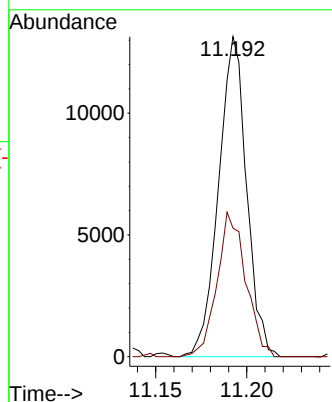
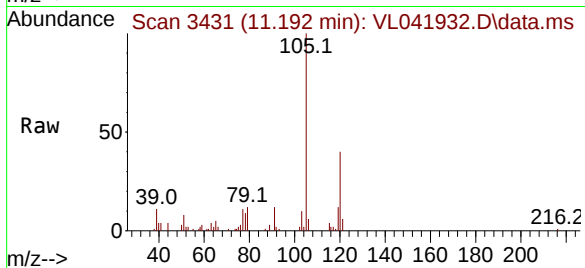
ClientSampleId :

Tgt Ion:105 Resp: 14032

Ion Ratio Lower Upper

105 100

120 40.1 35.4 53.2



#74

1,2,4-Trimethylbenzene

Concen: 0.347 ppbv

RT: 11.523 min Scan# 3533

Delta R.T. -0.026 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Tgt Ion:105 Resp: 16112

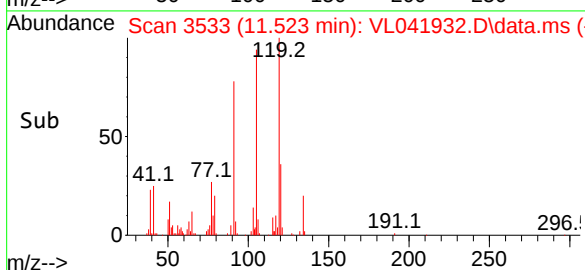
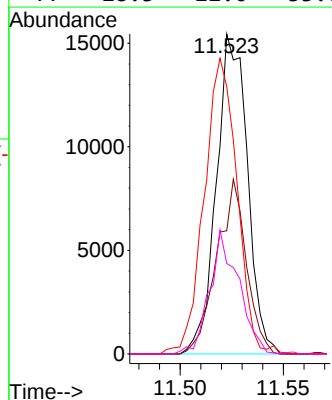
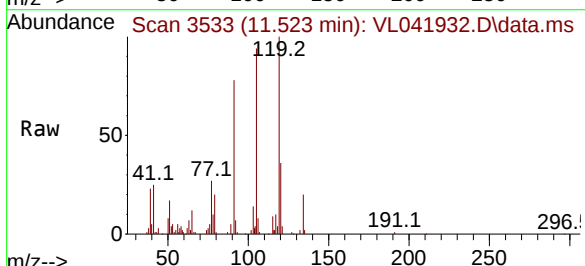
Ion Ratio Lower Upper

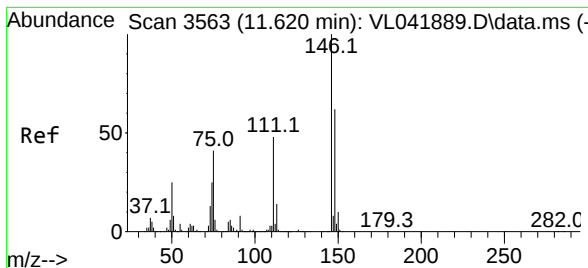
105 100

120 38.5 41.4 62.2#

91 82.9 60.2 90.2

77 28.3 22.0 33.0





#75

1,3-Dichlorobenzene

Concen: 0.458 ppbv

RT: 11.597 min Scan# 3556

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

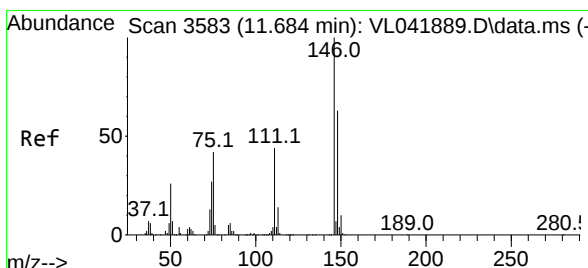
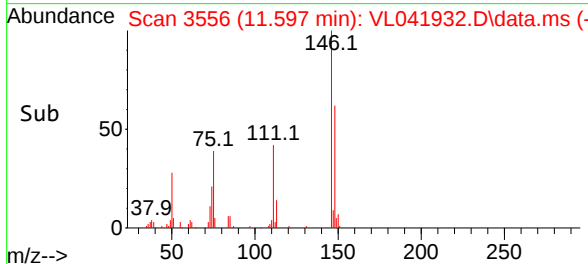
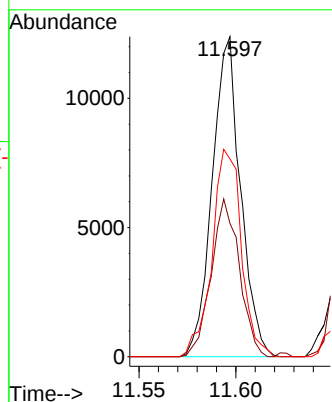
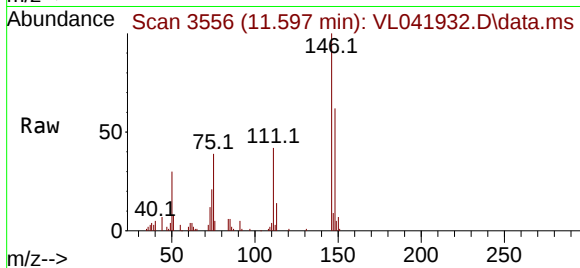
Tgt Ion:146 Resp: 12601

Ion Ratio Lower Upper

146 100

111 49.5 23.6 70.8

148 67.0 31.4 94.0



#76

1,4-Dichlorobenzene

Concen: 0.422 ppbv

RT: 11.662 min Scan# 3576

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

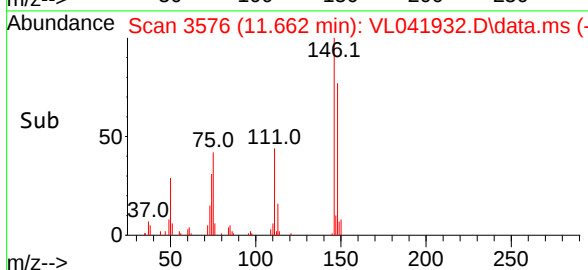
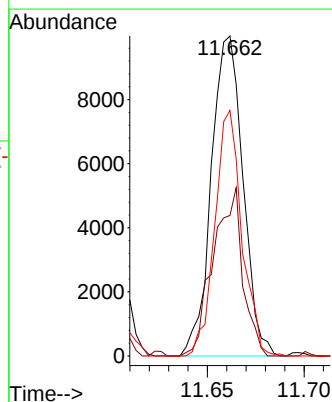
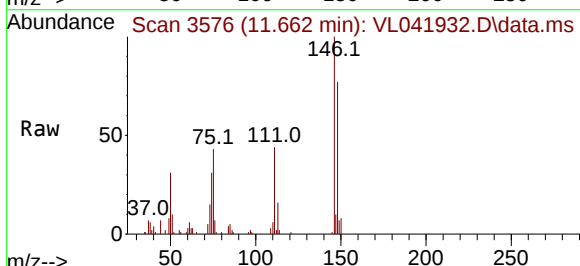
Tgt Ion:146 Resp: 11355

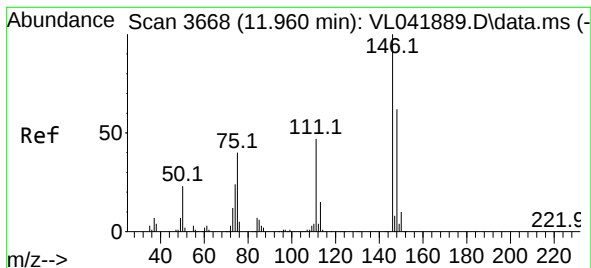
Ion Ratio Lower Upper

146 100

111 48.8 22.4 67.0

148 65.6 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 0.449 ppbv

RT: 11.937 min Scan# 3

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

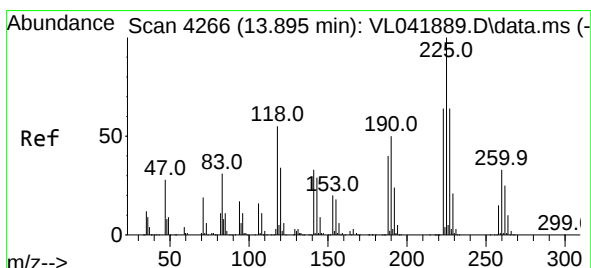
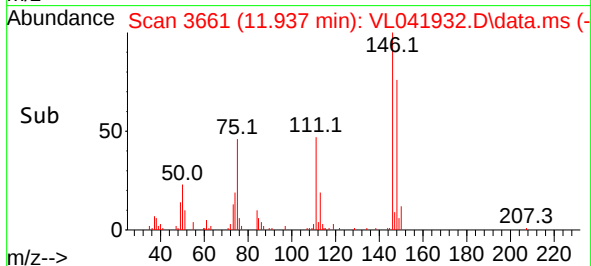
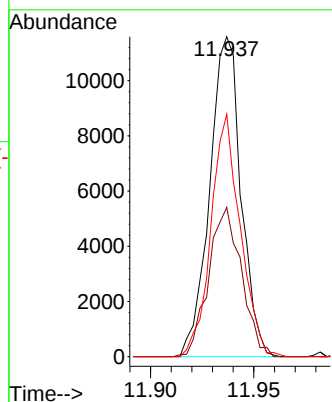
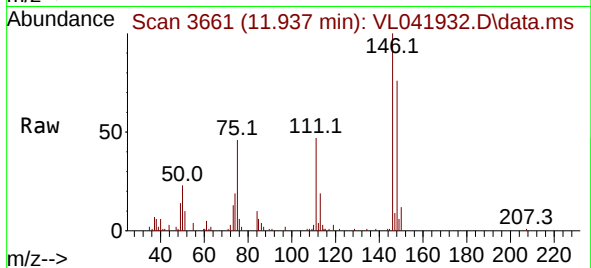
Tgt Ion:146 Resp: 12248

Ion Ratio Lower Upper

146 100

111 48.9 24.2 72.6

148 70.8 31.7 95.1



#78

Hexachloro-1,3-Butadiene

Concen: 0.440 ppbv

RT: 13.872 min Scan# 4259

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

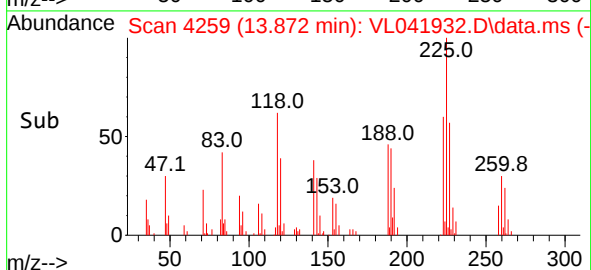
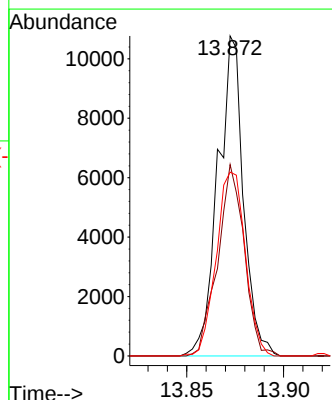
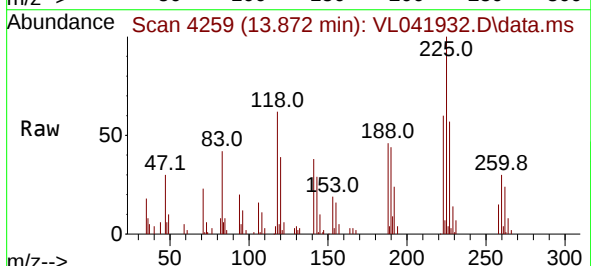
Tgt Ion:225 Resp: 9854

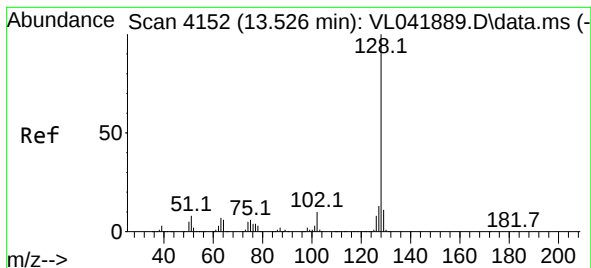
Ion Ratio Lower Upper

225 100

223 62.0 50.8 76.2

227 65.7 50.3 75.5





#79

Naphthalene

Concen: 0.303 ppbv

RT: 13.503 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :

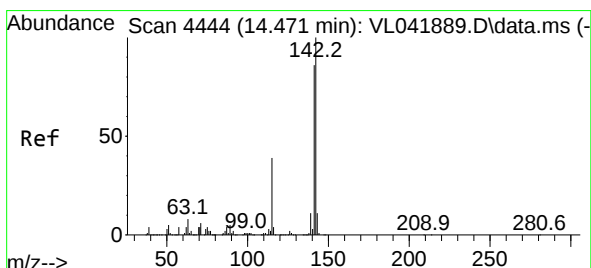
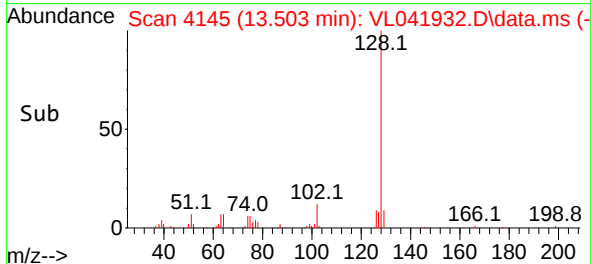
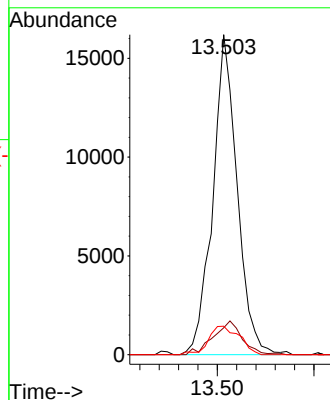
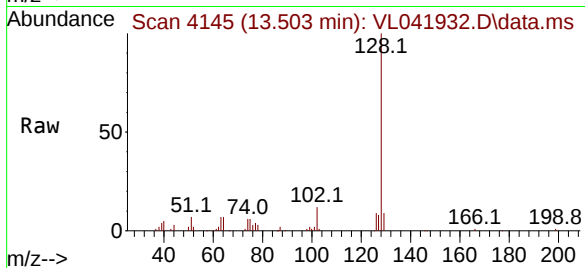
Tgt Ion:128 Resp: 14149

Ion Ratio Lower Upper

128 100

127 8.4 10.2 15.4#

129 8.9 9.1 13.7#



#80

Naphthalene,2-methyl-

Concen: 0.199 ppbv

RT: 14.448 min Scan# 4437

Delta R.T. -0.023 min

Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

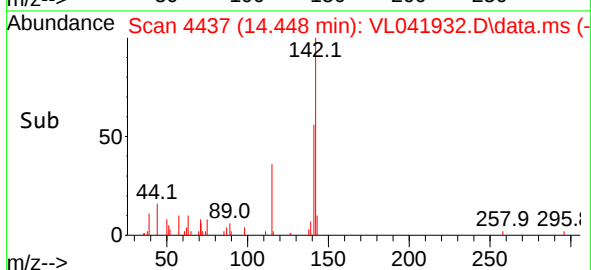
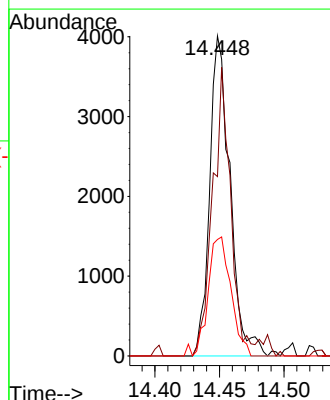
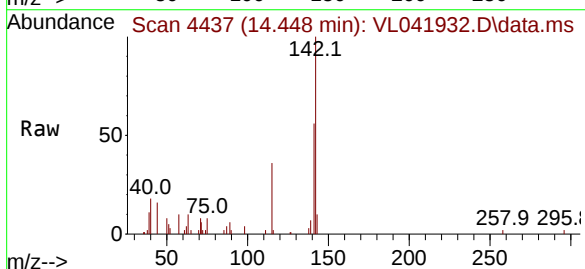
Tgt Ion:142 Resp: 4410

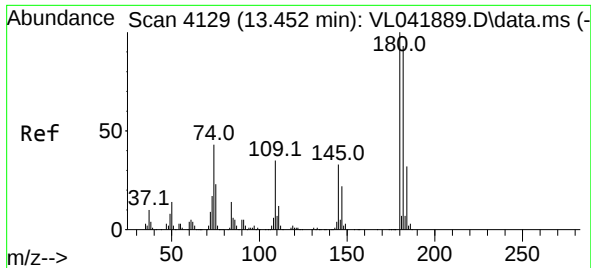
Ion Ratio Lower Upper

142 100

141 83.2 68.1 102.1

115 41.8 31.7 47.5





#81

1,2,4-Trichlorobenzene

Concen: 0.335 ppbv

RT: 13.432 min Scan# 41

Delta R.T. -0.019 min

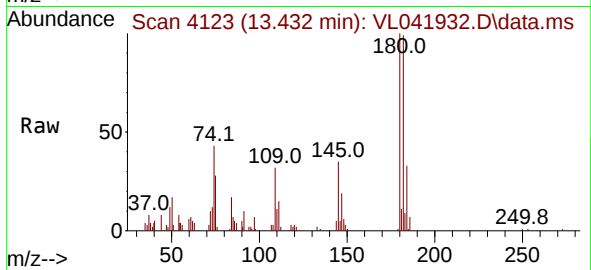
Lab File: VL041932.D

Acq: 20 Jan 2025 22:30

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 7637

Ion Ratio Lower Upper

180 100

182 100.6 77.0 115.6

184 33.6 24.9 37.3

