

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042458.D
 Acq On : 01 May 2025 09:03
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: May 02 01:39:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	71402	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	201290	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	174168	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	165650	10.258	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	104948	8.882	ppbv	100
3) Chlorodifluoromethane	1.476	51	112008	8.966	ppbv	100
4) Chloromethane	1.531	50	44585	9.028	ppbv	100
5) Vinyl Chloride	1.580	62	40466	8.138	ppbv	100
6) Bromomethane	1.667	94	20392	8.680	ppbv	100
7) Chloroethane	1.703	64	16528	9.002	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	88162	9.051	ppbv	100
9) Propene	1.483	41	37491	9.175	ppbv	100
10) Heptane	4.978	43	103167	9.733	ppbv	100
11) Trichlorofluoromethane	1.874	101	98215	9.320	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.136	101	78482	9.015	ppbv	100
13) Ethanol	1.719	45	5679	6.849	ppbv	100
14) Bromoethene	1.780	108	28440	8.849	ppbv	100
15) Acetone	1.835	43	94092	7.219	ppbv	100
16) 1,3-Butadiene	1.609	39	48641	8.461	ppbv	100
17) tert-Butyl alcohol	2.039	59	106304	9.257	ppbv	100
18) 1,1-Dichloroethene	2.033	96	35320	8.689	ppbv	100
19) Isopropyl Alcohol	1.884	45	62533	8.668	ppbv	100
20) Methylene Chloride	2.059	84	32039	8.176	ppbv	100
21) Allyl Chloride	2.094	41	76859	9.169	ppbv	100
22) trans-1,2-Dichloroethene	2.340	96	39427	8.305	ppbv	100
23) Vinyl Acetate	2.460	43	123215	10.146	ppbv	100
24) 1,1-Dichloroethane	2.408	63	85367	8.814	ppbv	100
25) Ethyl Acetate	2.835	43	202215	9.689	ppbv	100
26) Hexane	2.826	57	86764	9.543	ppbv	100
27) Carbon Disulfide	2.146	76	101248	9.542	ppbv #	92
28) Methyl tert-Butyl Ether	2.437	73	47941	8.777	ppbv	100
29) Chloroform	2.848	83	156976	9.213	ppbv	100
30) Cyclohexane	3.855	84	74614	9.815	ppbv	100
31) cis-1,2-Dichloroethene	2.719	61	95797	9.031	ppbv	100
32) 1,1,1-Trichloroethane	3.366	97	163334	8.836	ppbv	100
34) 2-Butanone	2.557	43	132685	9.113	ppbv	100
35) Carbon Tetrachloride	3.758	117	166490	9.511	ppbv	100
36) Benzene	3.654	78	179532	9.451	ppbv	100
37) 1,2-Dichloroethane	3.217	62	133963	9.150	ppbv	100
38) Trichloroethene	4.544	130	69846	9.642	ppbv	100
39) 1,2-Dichloropropane	4.311	63	63894	8.979	ppbv	100
40) 1,4-Dioxane	4.583	88	18861	5.702	ppbv #	100
41) Tetrahydrofuran	3.052	42	65713	9.516	ppbv	100
42) Bromodichloromethane	4.486	83	168957	9.445	ppbv	100
43) Methyl Methacrylate	4.881	69	73117	10.339	ppbv	100
44) 2,2,4-Trimethylpentane	4.635	57	289161	9.420	ppbv	100
45) t-1,3-Dichloropropene	6.412	75	96692	10.385	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050125\
 Data File : VL042458.D
 Acq On : 01 May 2025 09:03
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

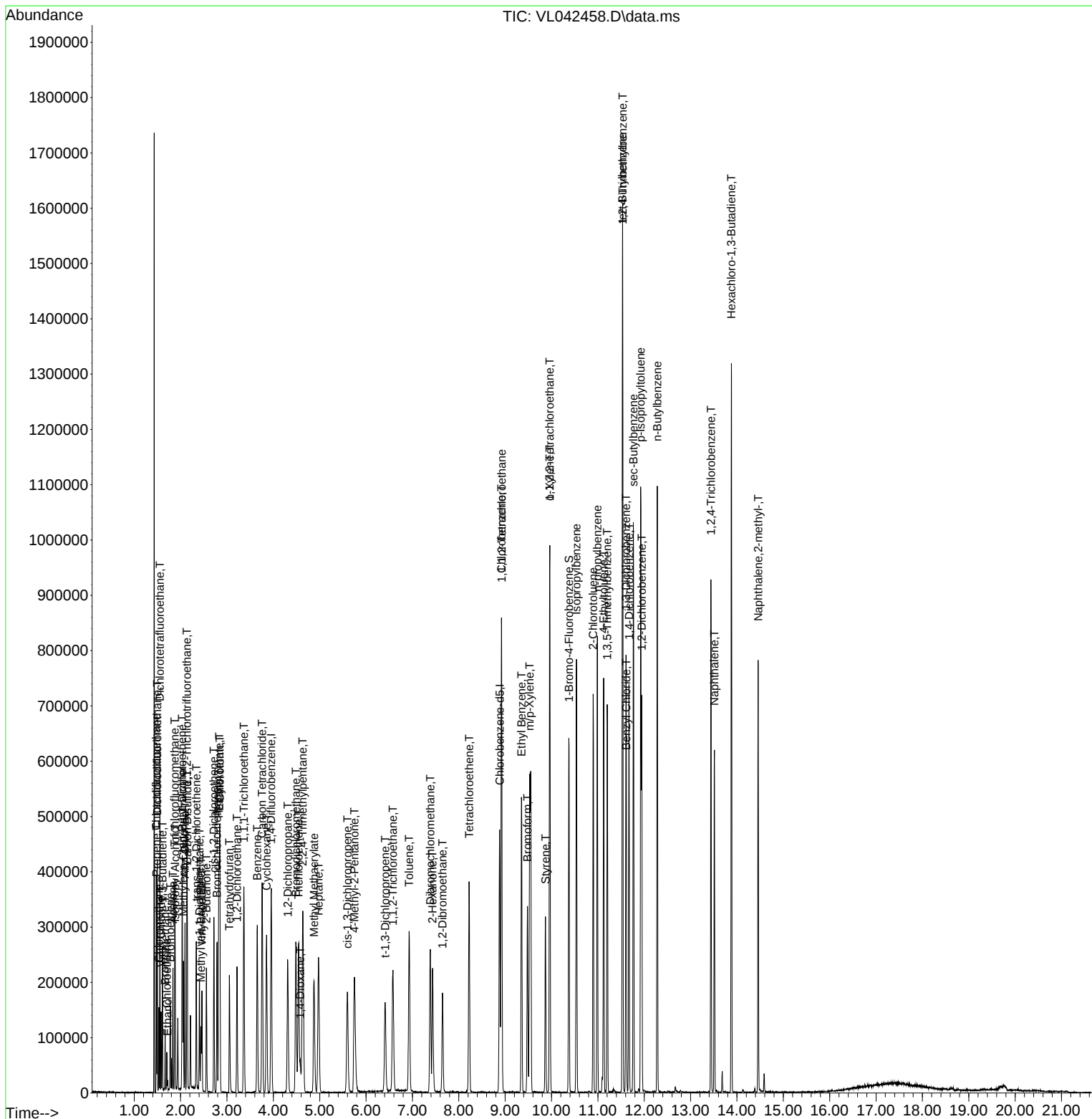
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

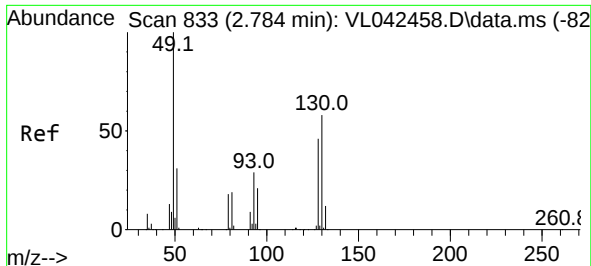
Quant Time: May 02 01:39:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 01:37:48 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	111768	10.111	ppbv	100
47) 1,1,2-Trichloroethane	6.580	97	71805	9.207	ppbv	100
48) Dibromochloromethane	7.386	129	126754	9.628	ppbv	100
49) Bromoform	9.480	173	106108	9.610	ppbv	100
50) 4-Methyl-2-Pentanone	5.748	43	175193	9.518	ppbv	100
51) 2-Hexanone	7.435	43	145272	9.855	ppbv	100
52) Tetrachloroethene	8.224	164	61456	8.500	ppbv	100
53) Toluene	6.930	91	204494	10.171	ppbv	100
54) 1,2-Dibromoethane	7.648	107	111506	9.300	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.924	131	94346	9.172	ppbv	99
57) Chlorobenzene	8.920	112	157401	8.994	ppbv	100
58) Ethyl Benzene	9.354	91	300412	10.321	ppbv	100
59) m/p-Xylene	9.529	91	248589	10.187	ppbv #	33
60) o-Xylene	9.963	91	247784	10.157	ppbv	100
61) Styrene	9.872	104	101509	11.134	ppbv	100
62) Isopropylbenzene	10.539	105	354055	10.047	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	147295	9.305	ppbv	100
64) n-propylbenzene	10.989	120	84006	9.787	ppbv	100
65) tert-Butylbenzene	11.529	119	316532	10.065	ppbv	100
66) Benzyl Chloride	11.613	91	40331	11.096	ppbv	100
67) sec-Butylbenzene	11.769	105	442600	9.903	ppbv	100
69) p-Isopropyltoluene	11.924	119	374540	9.947	ppbv	100
70) n-Butylbenzene	12.280	91	382883	9.836	ppbv	100
71) 2-Chlorotoluene	10.898	91	278215	10.065	ppbv	100
72) 4-Ethyltoluene	11.124	105	299831	10.409	ppbv	100
73) 1,3,5-Trimethylbenzene	11.202	105	256952	10.143	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	286615	9.351	ppbv	100
75) 1,3-Dichlorobenzene	11.607	146	155598	9.118	ppbv	100
76) 1,4-Dichlorobenzene	11.671	146	157966	9.782	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	150432	9.007	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	134402	8.058	ppbv	100
79) Naphthalene	13.513	128	266036	10.352	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	204042	10.641	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	135473	9.844	ppbv	100

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

Quant Time: May 02 01:39:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 01:37:48 2025
Response via : Initial Calibration

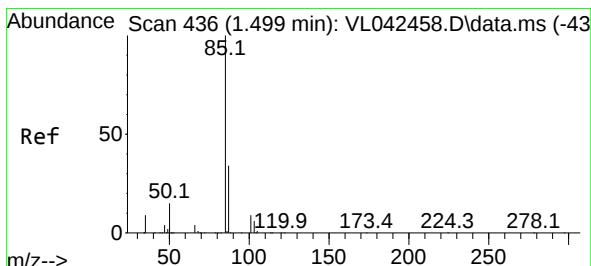
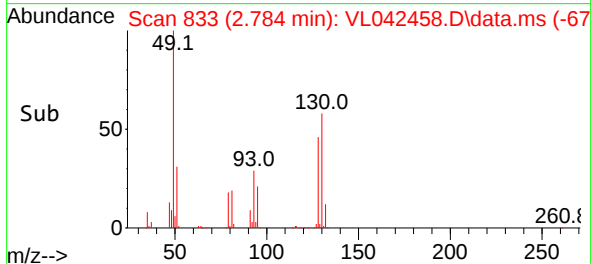
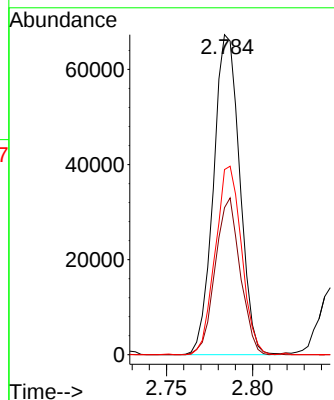
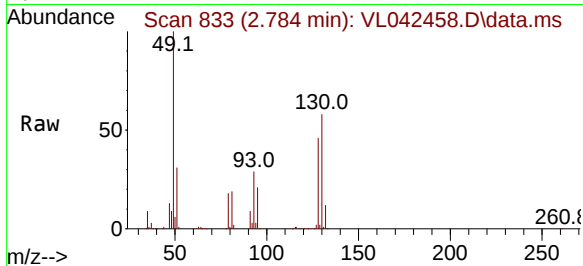




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

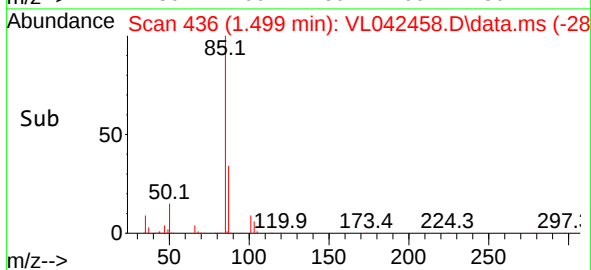
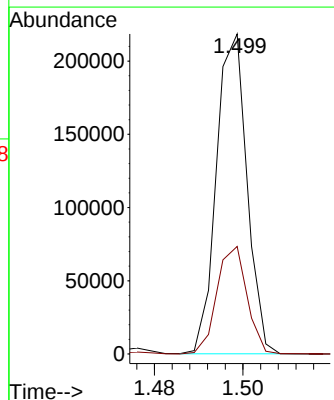
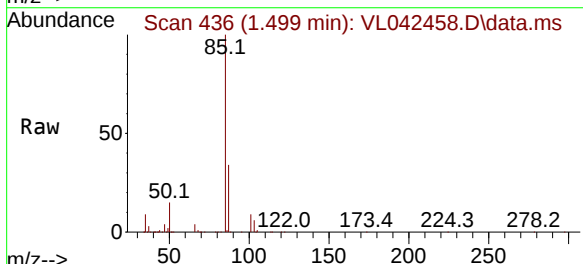
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

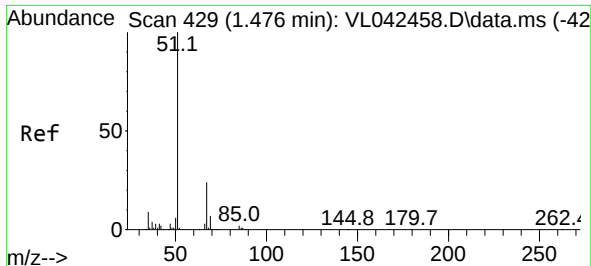
Tgt Ion: 49 Resp: 71402
Ion Ratio Lower Upper
49 100
128 46.6 23.3 69.9
130 59.1 29.5 88.6



#2
Dichlorodifluoromethane
Concen: 8.882 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 85 Resp: 104948
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3

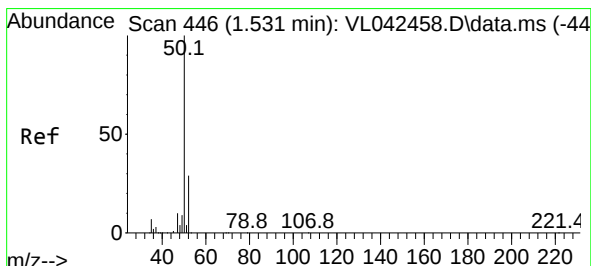
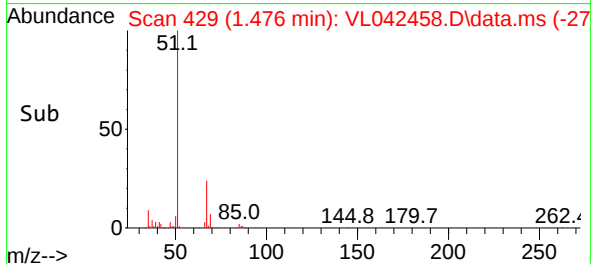
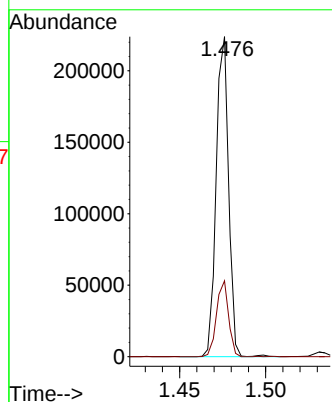
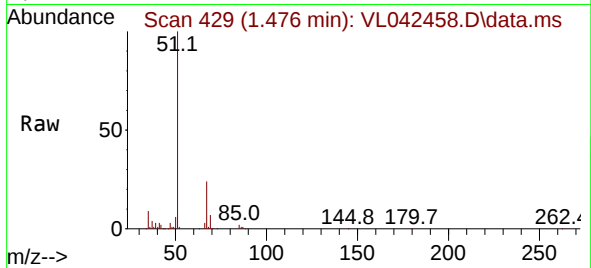




#3
Chlorodifluoromethane
Concen: 8.966 ppbv
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

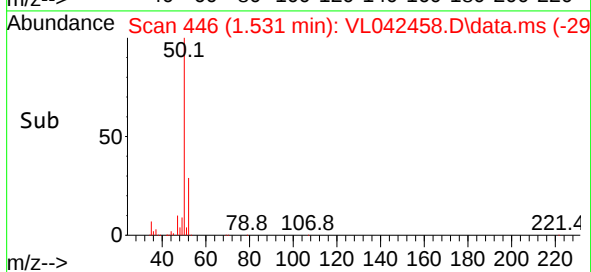
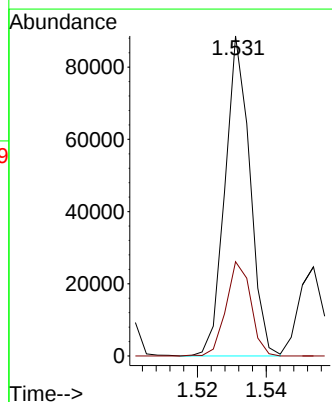
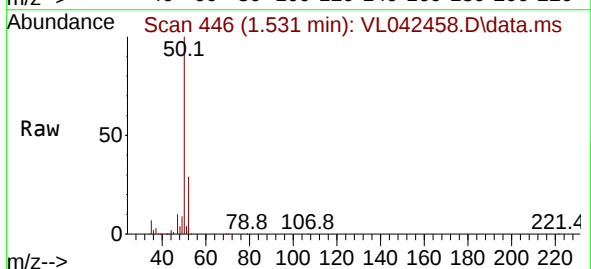
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

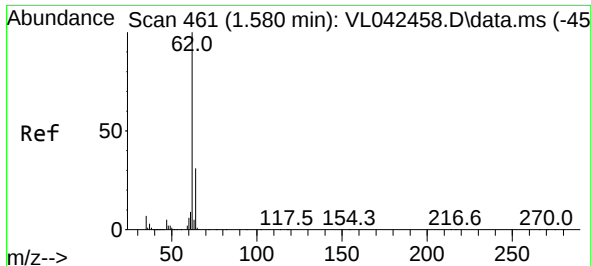
Tgt Ion: 51 Resp: 112008
Ion Ratio Lower Upper
51 100
67 23.0 18.4 27.6



#4
Chloromethane
Concen: 9.028 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 50 Resp: 44585
Ion Ratio Lower Upper
50 100
52 29.4 23.5 35.3

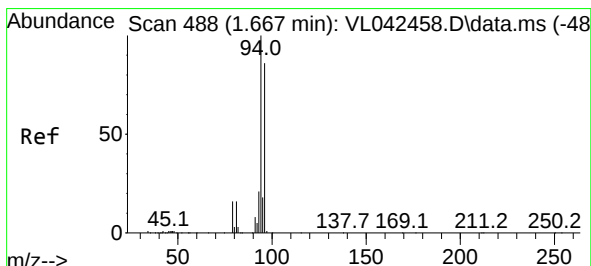
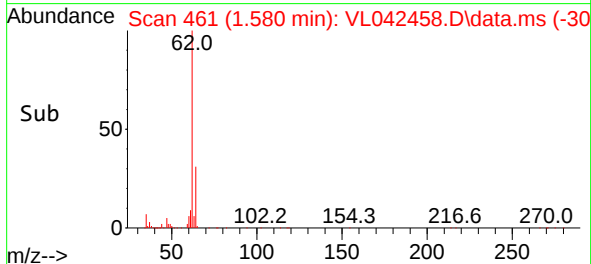
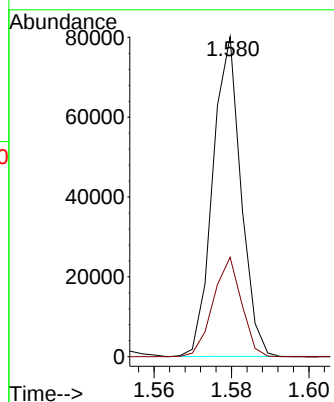
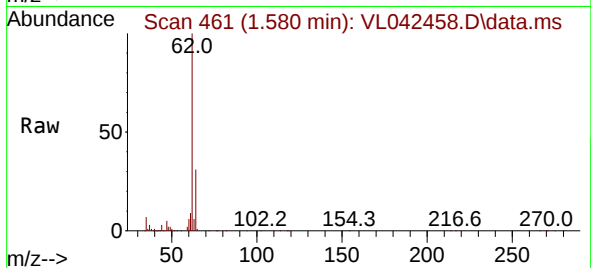




#5
 Vinyl Chloride
 Concen: 8.138 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

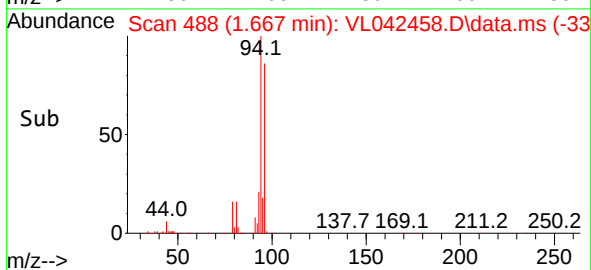
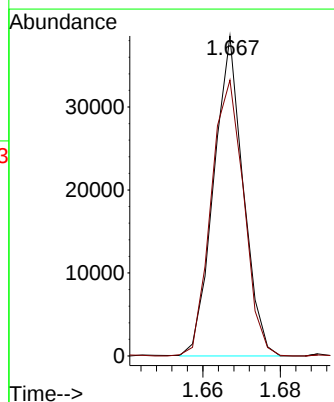
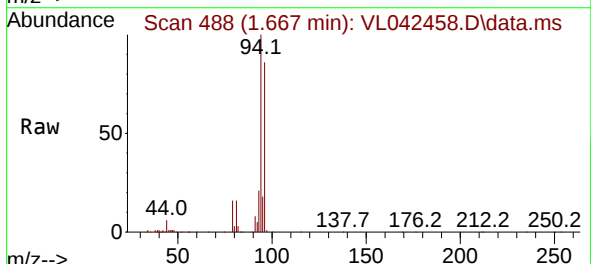
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 40466
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3



#6
 Bromomethane
 Concen: 8.680 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion: 94 Resp: 20392
 Ion Ratio Lower Upper
 94 100
 96 86.0 68.8 103.2

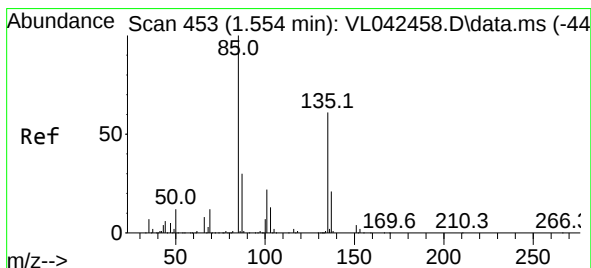
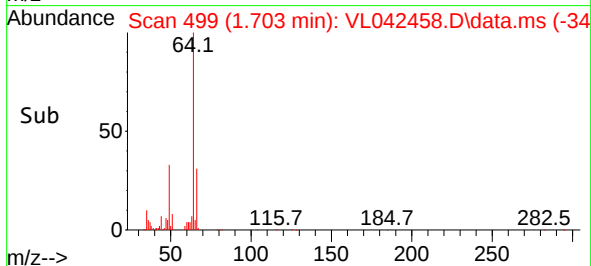
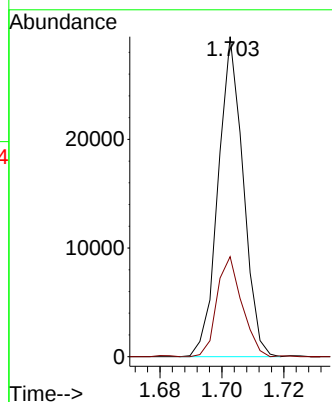
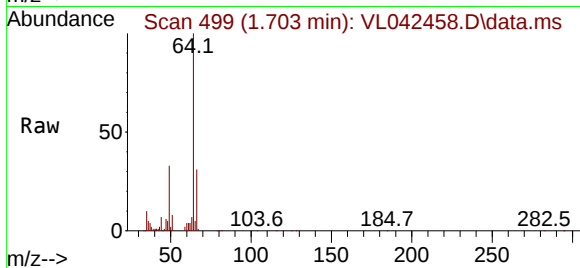




#7
Chloroethane
Concen: 9.002 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

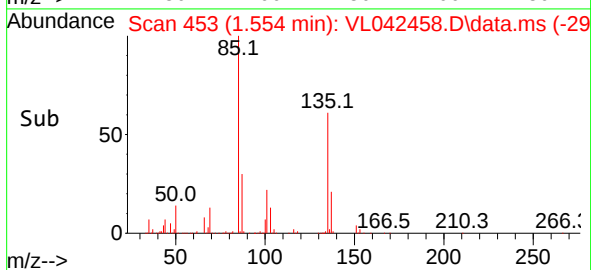
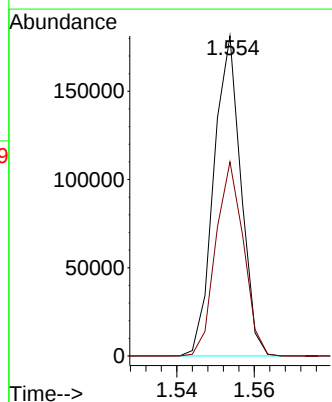
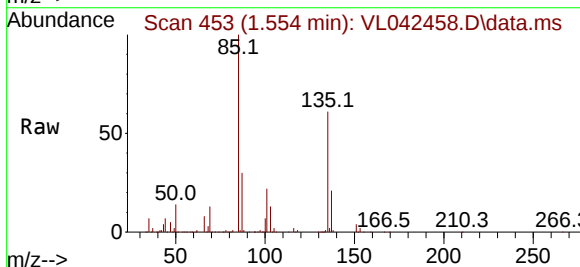
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

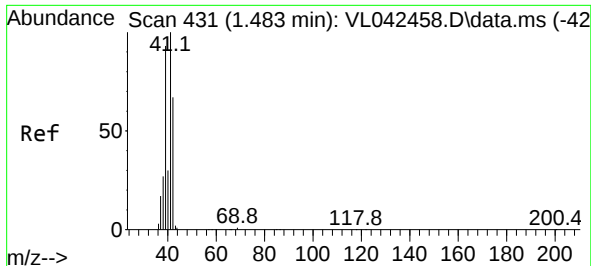
Tgt Ion: 64 Resp: 16528
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.4



#8
Dichlorotetrafluoroethane
Concen: 9.051 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 85 Resp: 88162
Ion Ratio Lower Upper
85 100
135 62.3 49.8 74.8





#9

Propene

Concen: 9.175 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

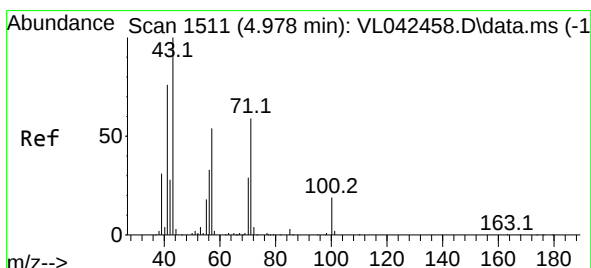
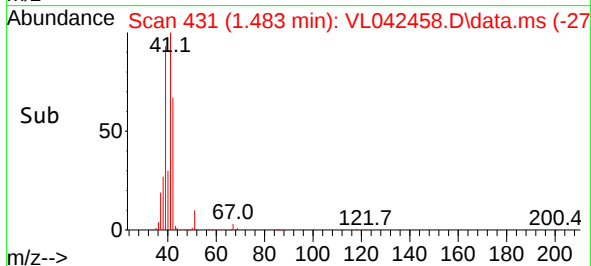
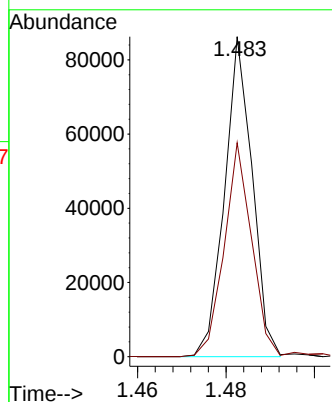
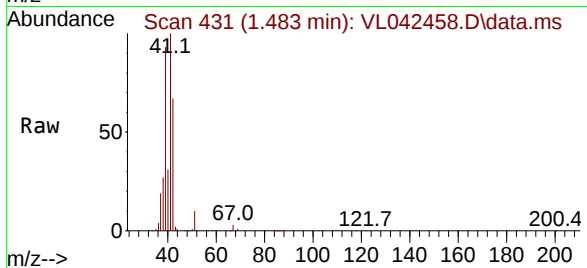
VSTDICCC010

Tgt Ion: 41 Resp: 37491

Ion Ratio Lower Upper

41 100

42 67.9 54.3 81.5



#10

Heptane

Concen: 9.733 ppbv

RT: 4.978 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VL042458.D

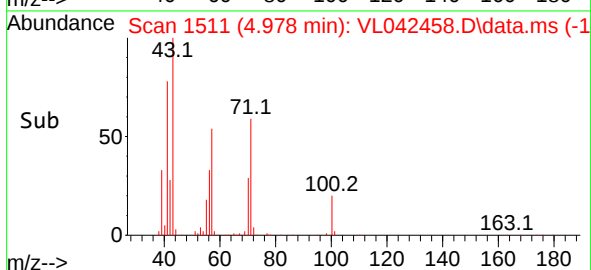
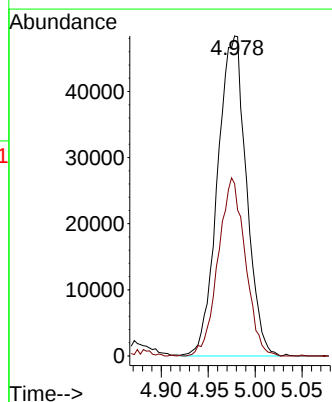
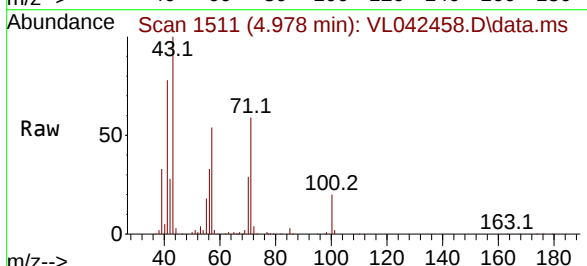
Acq: 01 May 2025 09:03

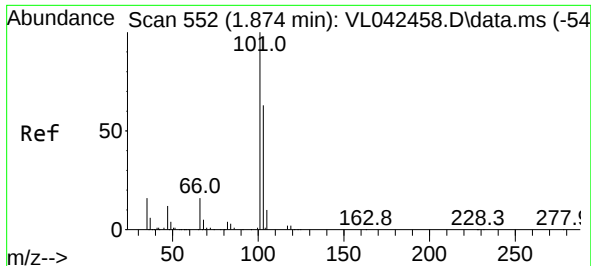
Tgt Ion: 43 Resp: 103167

Ion Ratio Lower Upper

43 100

57 52.3 41.8 62.8

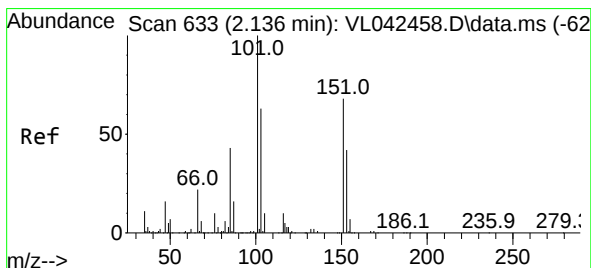
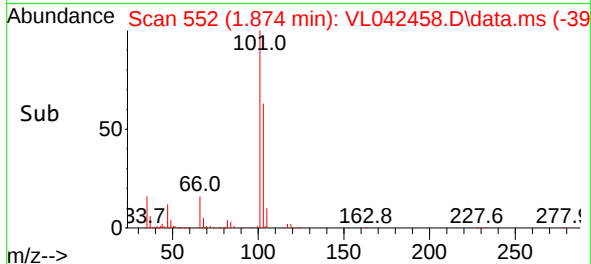
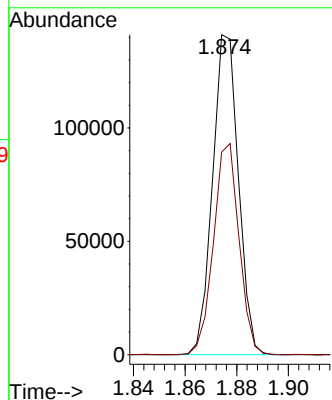
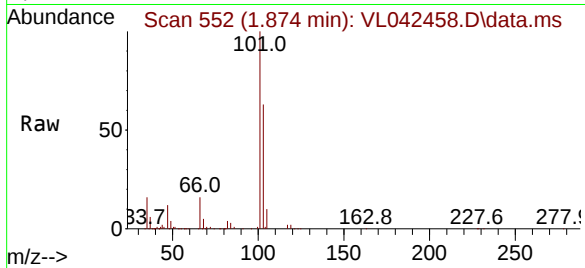




#11
 Trichlorofluoromethane
 Concen: 9.320 ppbv
 RT: 1.874 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

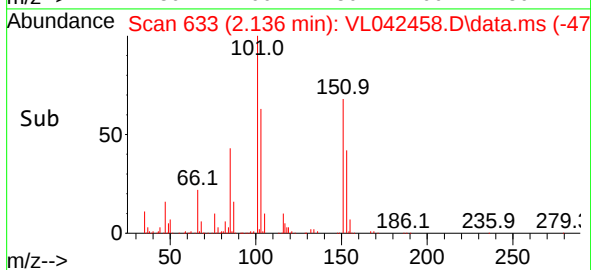
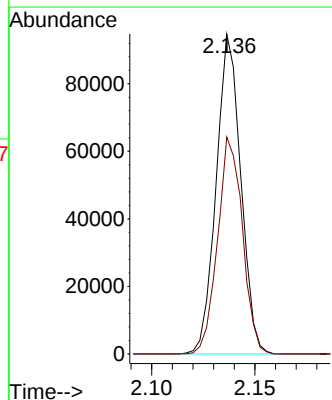
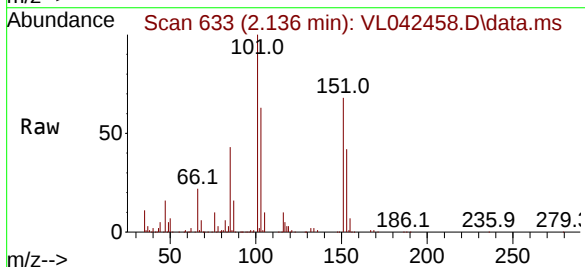
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

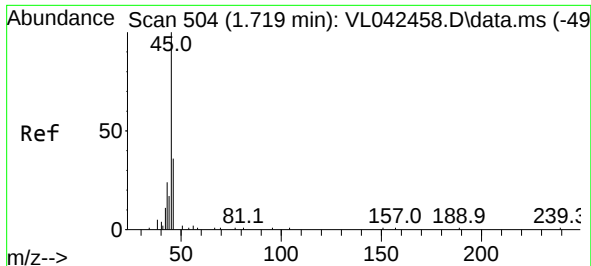
Tgt Ion:101 Resp: 98215
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.015 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion:101 Resp: 78482
 Ion Ratio Lower Upper
 101 100
 151 68.3 54.6 82.0

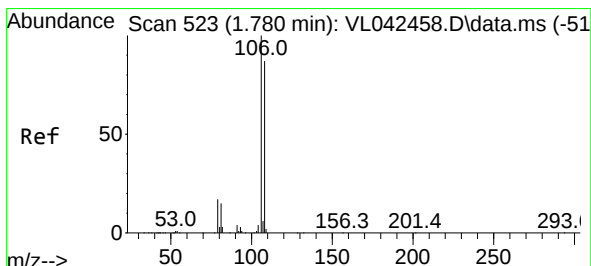
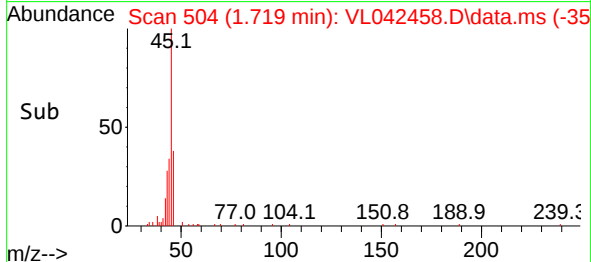
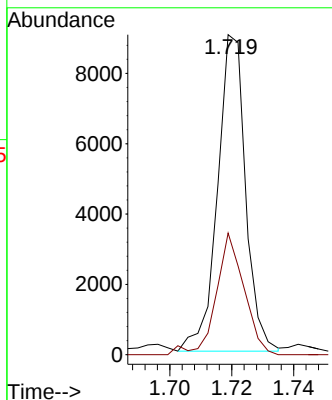
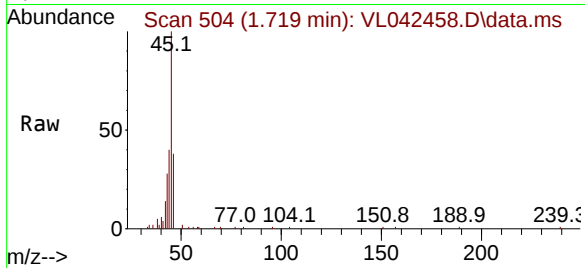




#13
Ethanol
Concen: 6.849 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

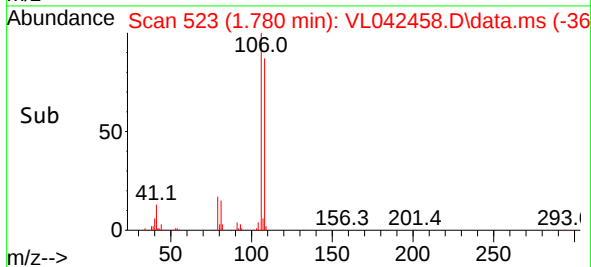
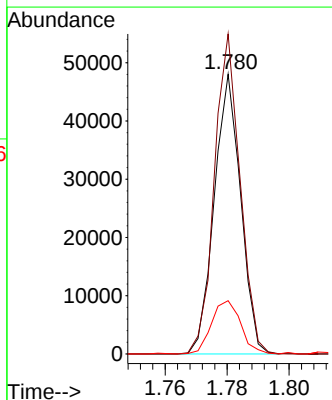
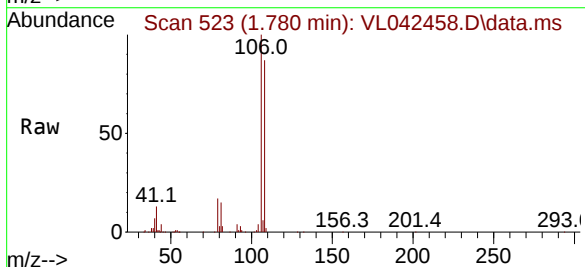
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

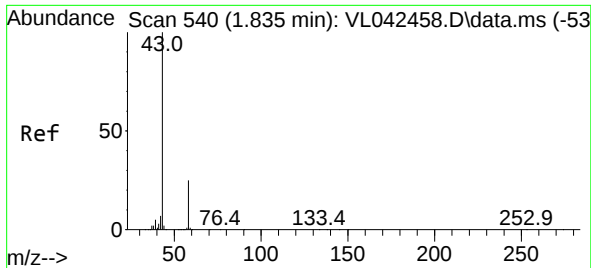
Tgt Ion: 45 Resp: 5679
Ion Ratio Lower Upper
45 100
46 38.2 15.3 61.1



#14
Bromoethene
Concen: 8.849 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 108 Resp: 28440
Ion Ratio Lower Upper
108 100
106 111.0 88.8 133.2
79 21.4 17.1 25.7





#15

Acetone

Concen: 7.219 ppbv

RT: 1.835 min Scan# 54

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

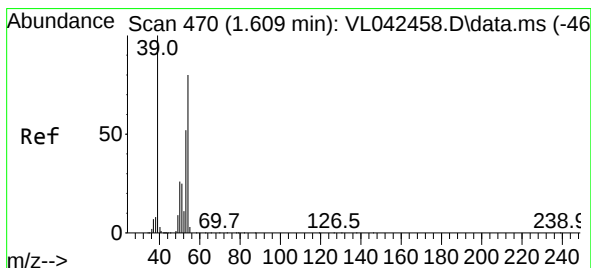
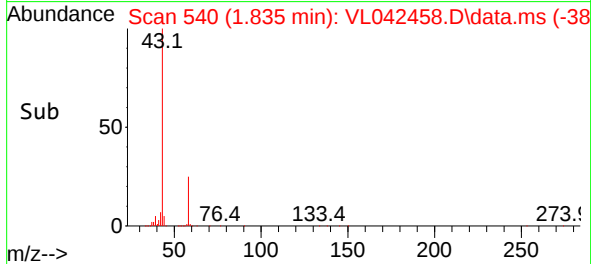
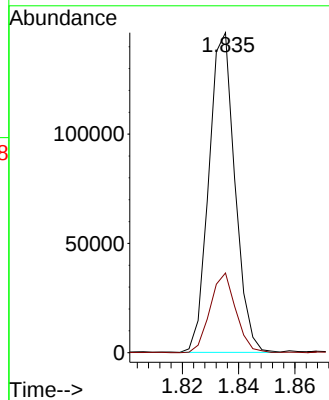
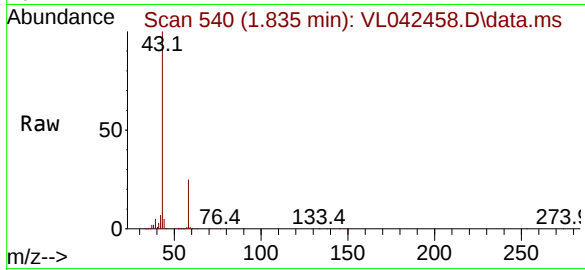
VSTDICCC010

Tgt Ion: 43 Resp: 94092

Ion Ratio Lower Upper

43 100

58 24.8 19.8 29.8



#16

1,3-Butadiene

Concen: 8.461 ppbv

RT: 1.609 min Scan# 470

Delta R.T. 0.000 min

Lab File: VL042458.D

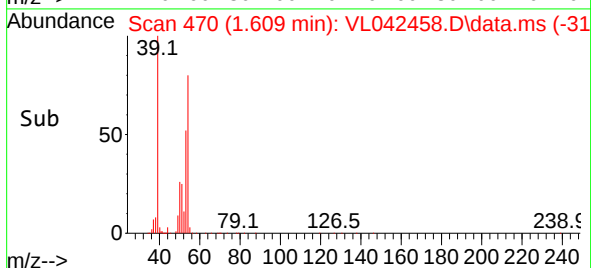
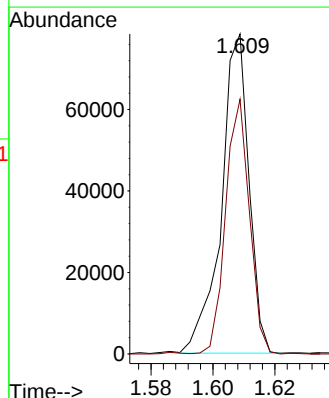
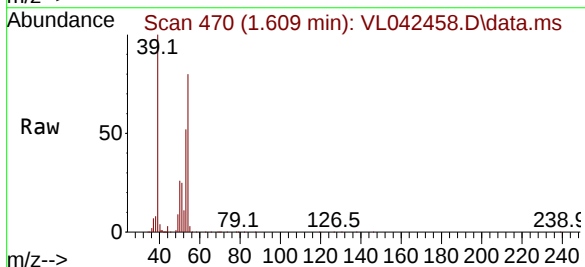
Acq: 01 May 2025 09:03

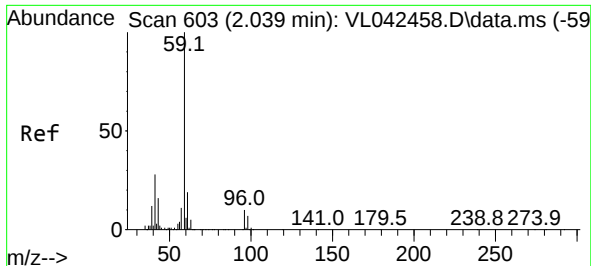
Tgt Ion: 39 Resp: 48641

Ion Ratio Lower Upper

39 100

54 69.0 55.2 82.8





#17

tert-Butyl alcohol

Concen: 9.257 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

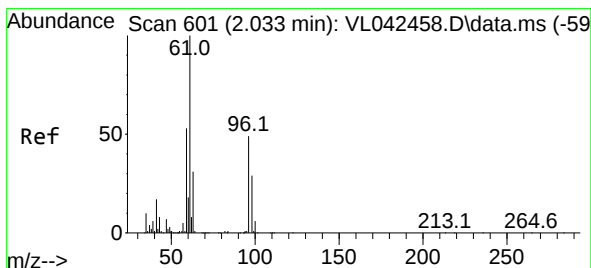
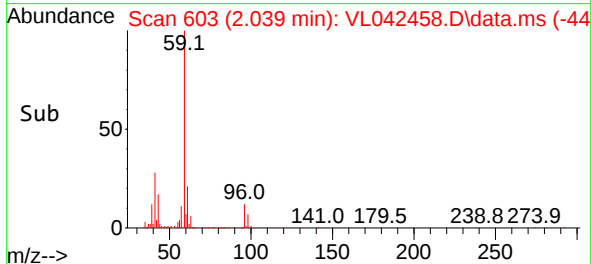
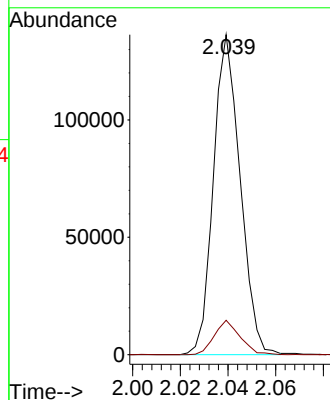
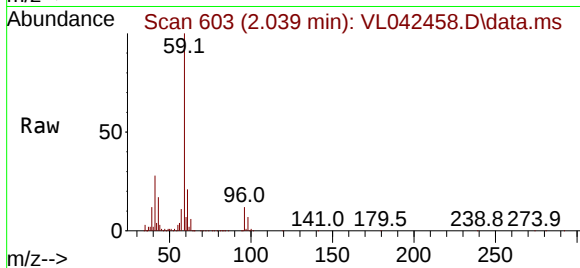
VSTDICCC010

Tgt Ion: 59 Resp: 106304

Ion Ratio Lower Upper

59 100

57 10.4 8.3 12.5



#18

1,1-Dichloroethene

Concen: 8.689 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

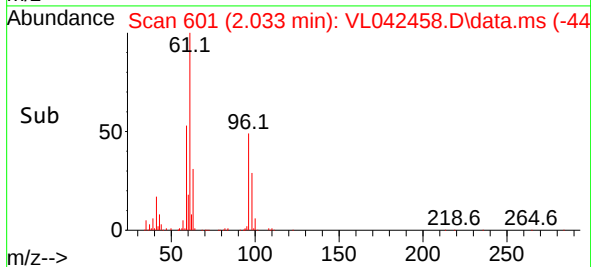
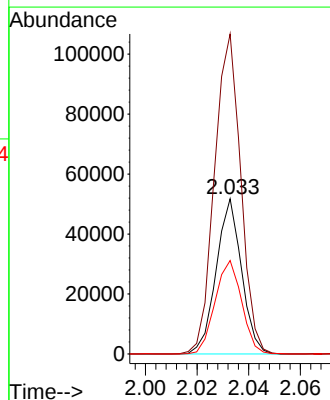
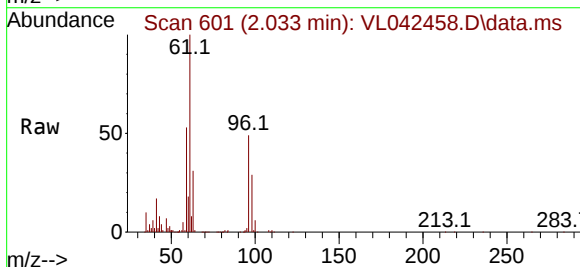
Tgt Ion: 96 Resp: 35320

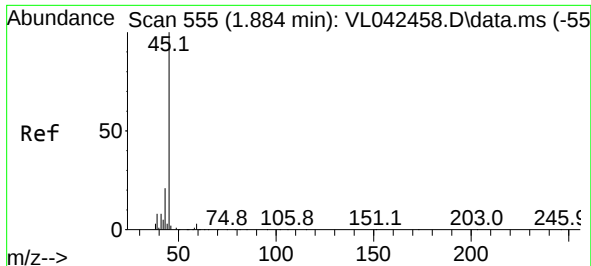
Ion Ratio Lower Upper

96 100

61 206.1 164.9 247.3

98 60.2 48.2 72.2





#19

Isopropyl Alcohol

Concen: 8.668 ppbv

RT: 1.884 min Scan# 555

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

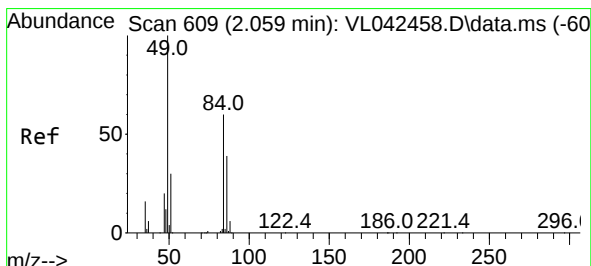
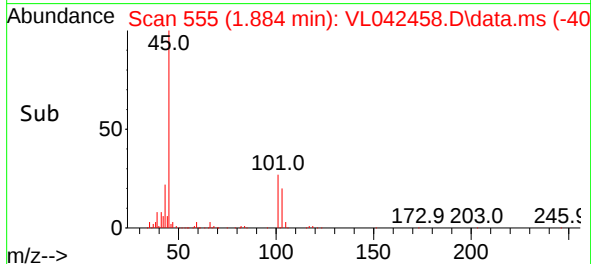
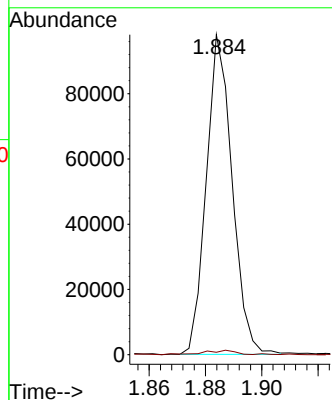
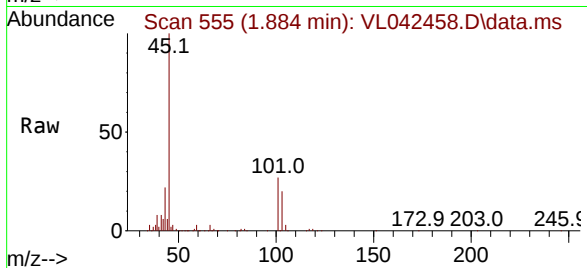
VSTDICCC010

Tgt Ion: 45 Resp: 62533

Ion Ratio Lower Upper

45 100

58 2.0 1.6 2.4



#20

Methylene Chloride

Concen: 8.176 ppbv

RT: 2.059 min Scan# 609

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion: 84 Resp: 32039

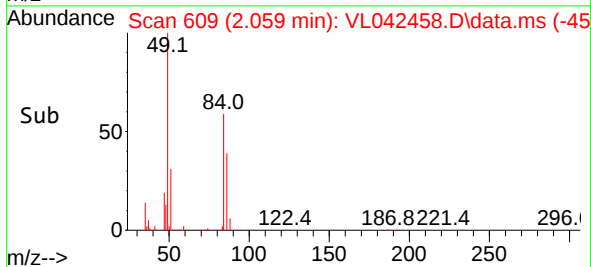
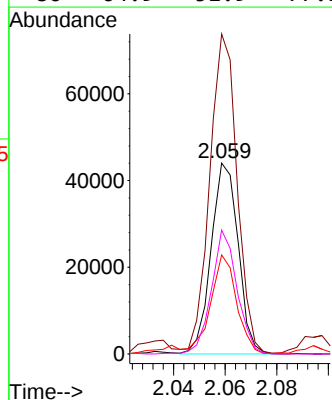
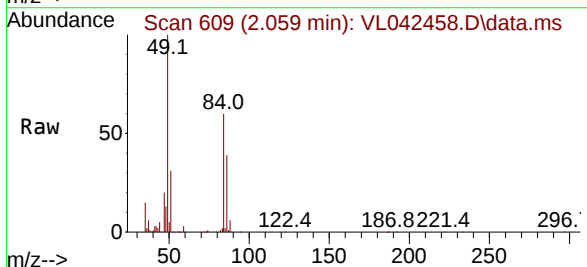
Ion Ratio Lower Upper

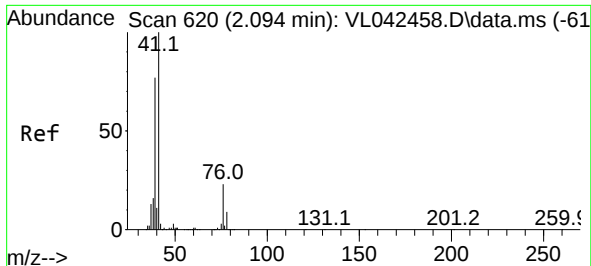
84 100

49 167.4 133.9 200.9

51 51.3 41.0 61.6

86 64.9 51.9 77.9

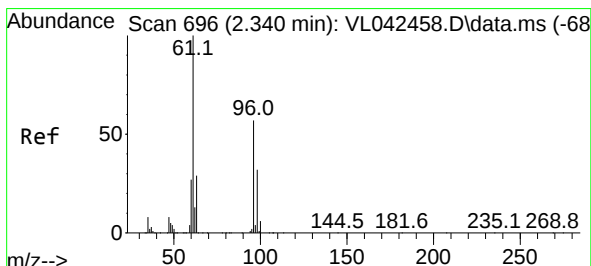
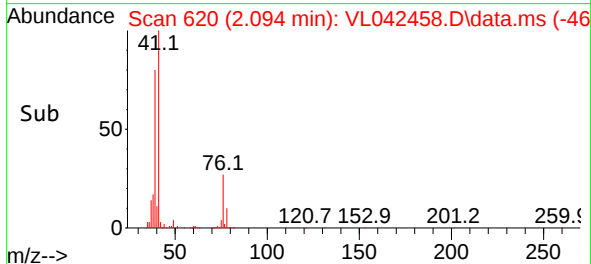
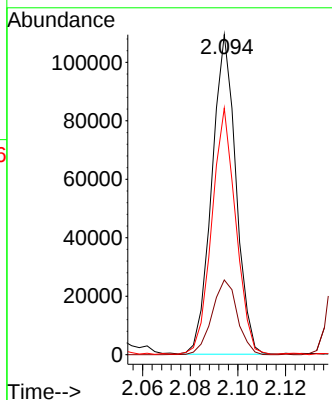
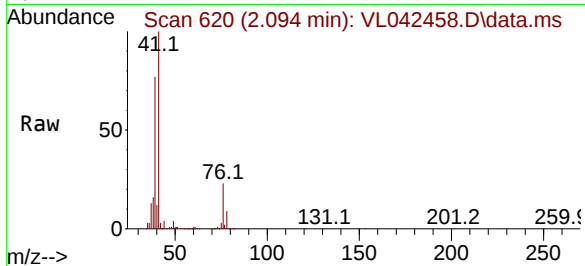




#21
 Allyl Chloride
 Concen: 9.169 ppbv
 RT: 2.094 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

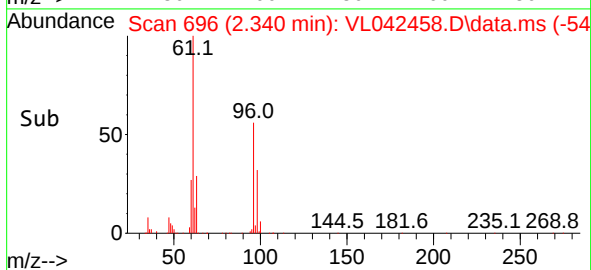
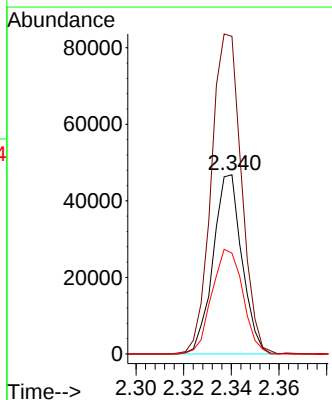
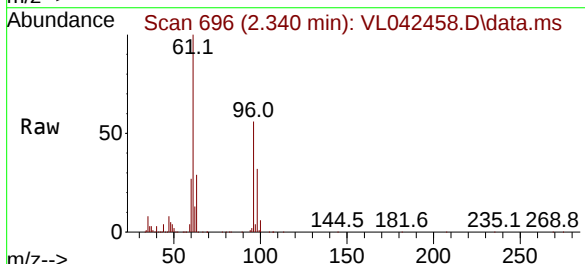
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

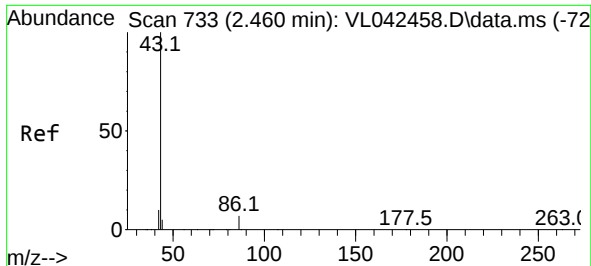
Tgt Ion: 41 Resp: 76859
 Ion Ratio Lower Upper
 41 100
 76 24.5 19.6 29.4
 39 76.2 61.0 91.4



#22
 trans-1,2-Dichloroethene
 Concen: 8.305 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion: 96 Resp: 39427
 Ion Ratio Lower Upper
 96 100
 61 177.2 141.8 212.6
 98 56.3 45.0 67.6

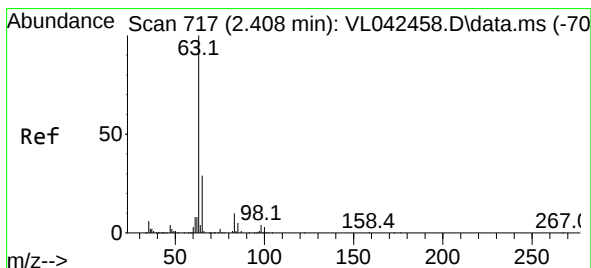
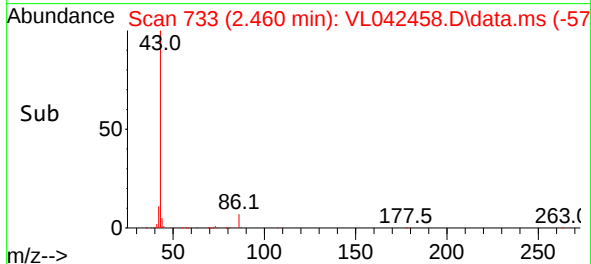
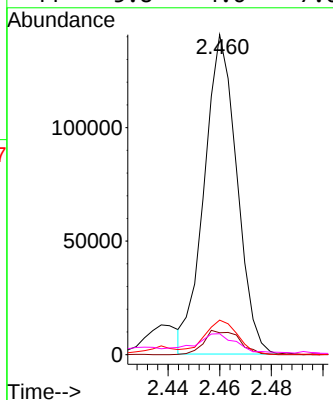
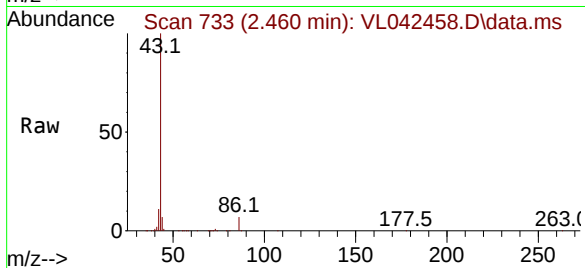




#23
 Vinyl Acetate
 Concen: 10.146 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

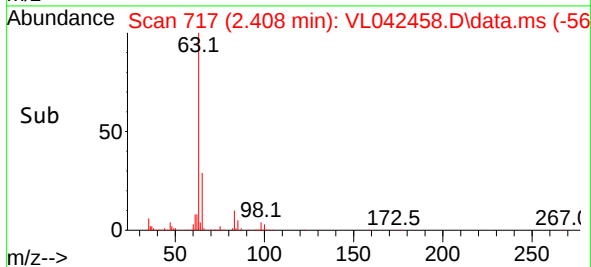
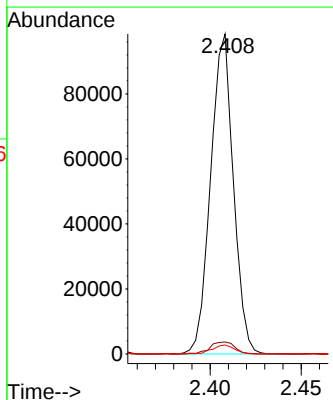
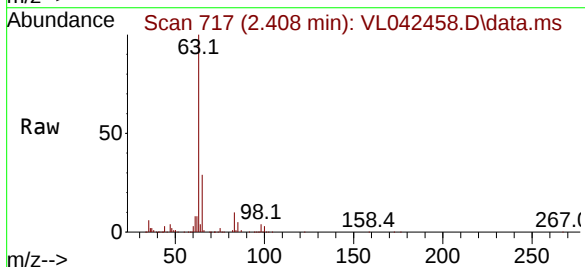
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

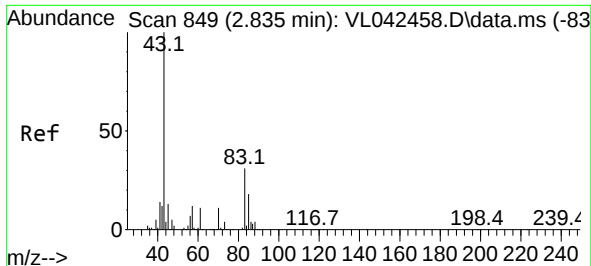
Tgt Ion:	43	Resp:	123215
Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.5	8.3
42	10.4	8.3	12.5
44	5.8	4.6	7.0



#24
 1,1-Dichloroethane
 Concen: 8.814 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion:	63	Resp:	85367
Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.8	1.4	4.2





#25

Ethyl Acetate

Concen: 9.689 ppbv

RT: 2.835 min Scan# 849

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 202215

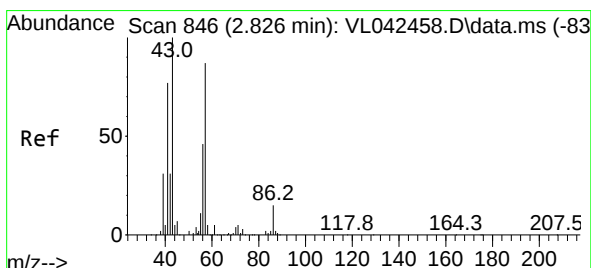
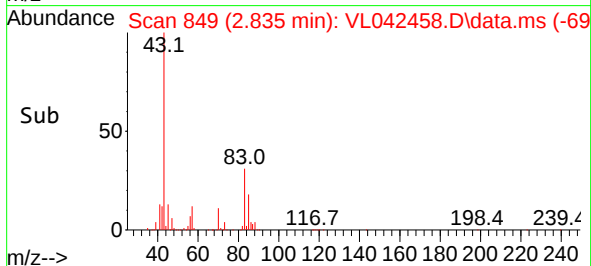
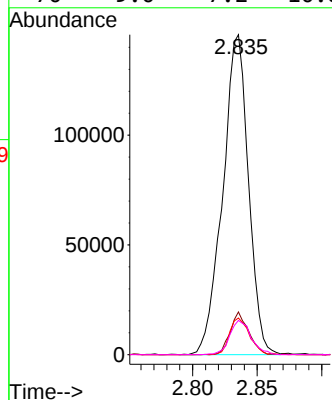
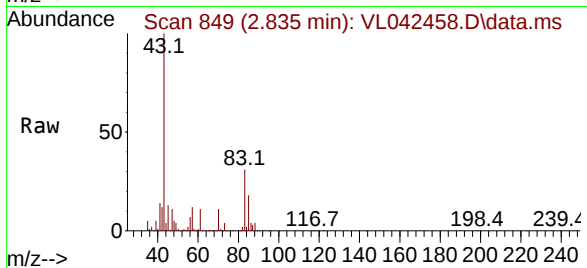
Ion Ratio Lower Upper

43 100

45 9.7 7.8 11.6

61 9.0 7.2 10.8

70 9.0 7.2 10.8



#26

Hexane

Concen: 9.543 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion: 57 Resp: 86764

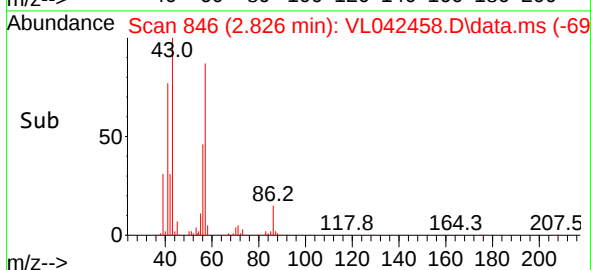
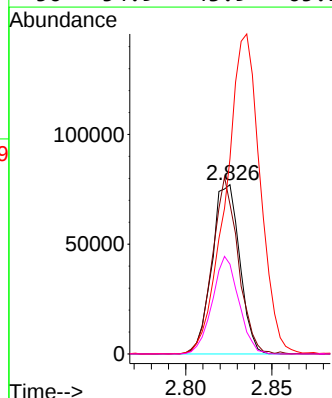
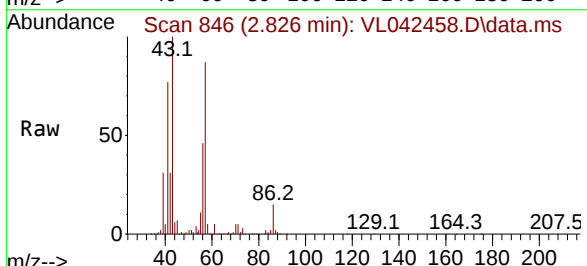
Ion Ratio Lower Upper

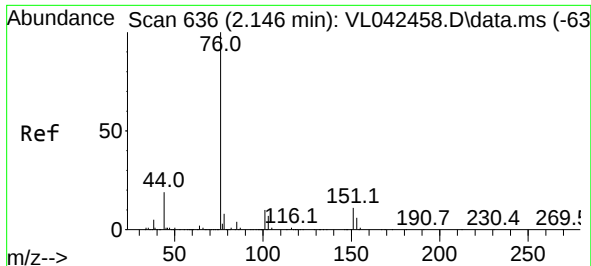
57 100

41 97.3 77.8 116.8

43 233.8 187.0 280.6

56 54.9 43.9 65.9





#27

Carbon Disulfide

Concen: 9.542 ppbv

RT: 2.146 min Scan# 61

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

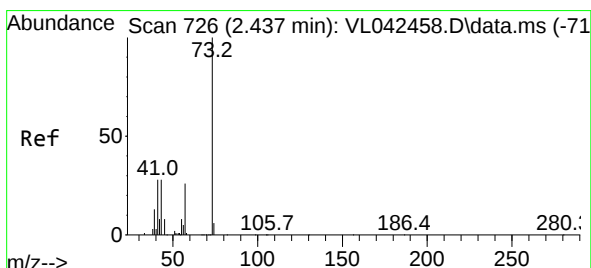
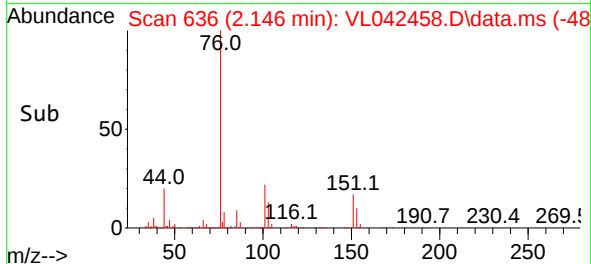
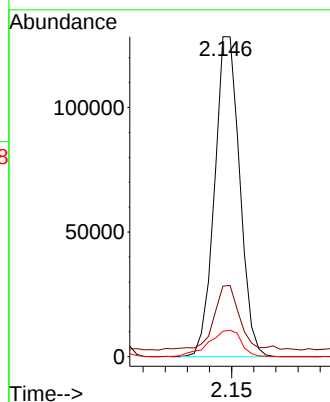
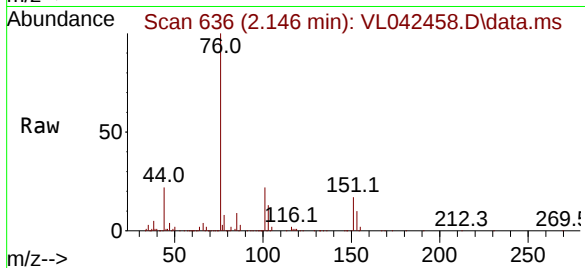
Tgt Ion: 76 Resp: 101248

Ion Ratio Lower Upper

76 100

44 20.8 21.0 31.6#

78 10.8 8.6 13.0



#28

Methyl tert-Butyl Ether

Concen: 8.777 ppbv

RT: 2.437 min Scan# 726

Delta R.T. 0.000 min

Lab File: VL042458.D

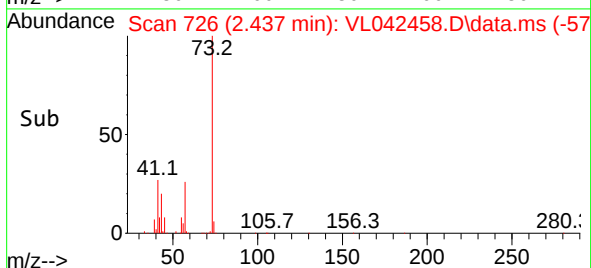
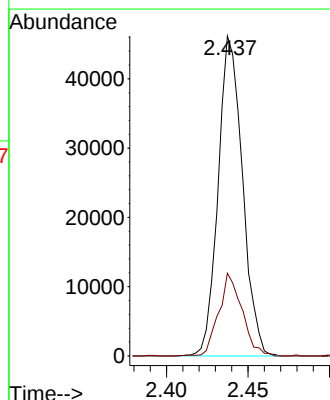
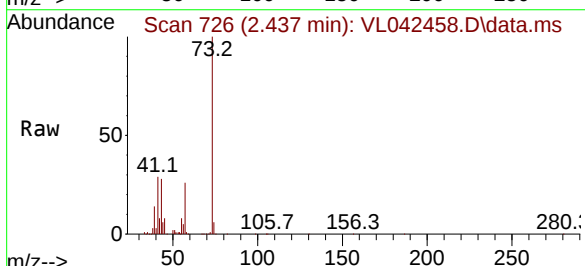
Acq: 01 May 2025 09:03

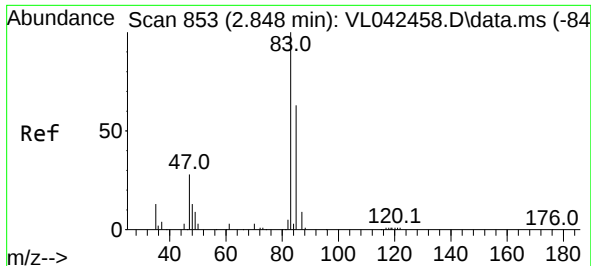
Tgt Ion: 73 Resp: 47941

Ion Ratio Lower Upper

73 100

57 25.0 19.9 29.9

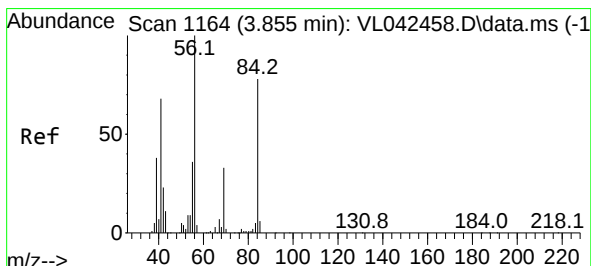
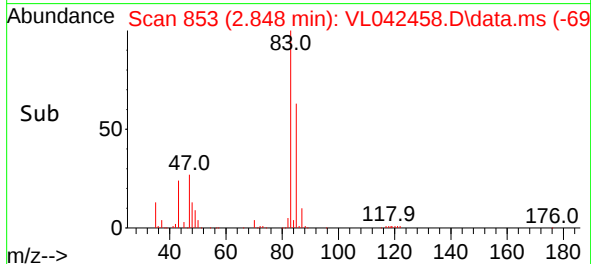
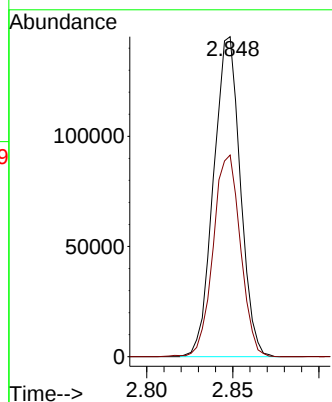
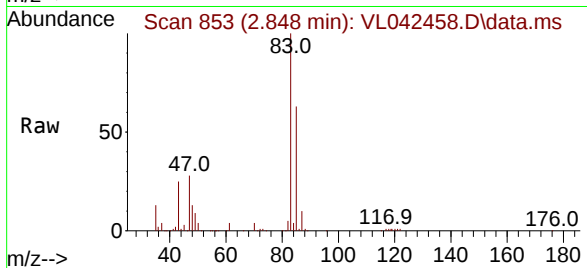




#29
Chloroform
Concen: 9.213 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

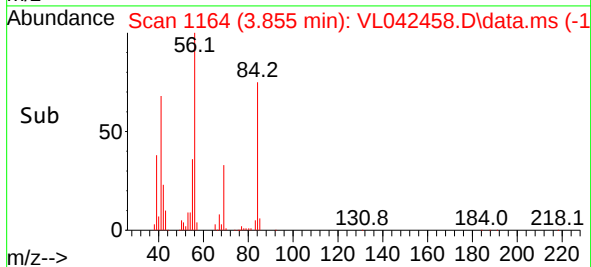
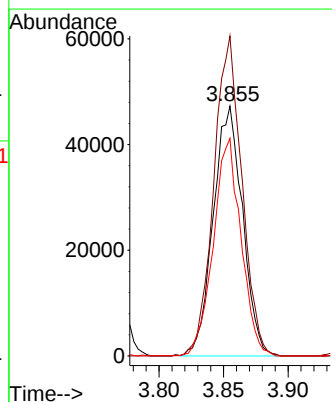
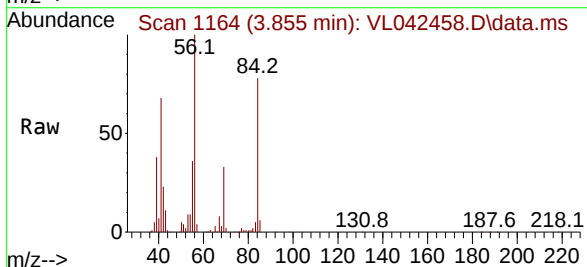
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

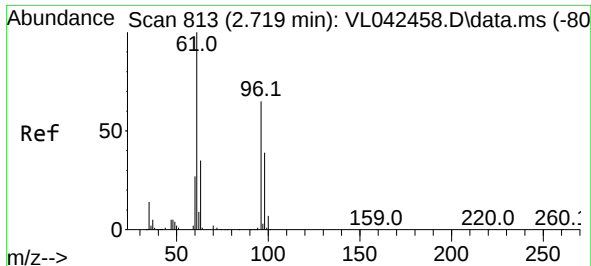
Tgt Ion: 83 Resp: 156976
Ion Ratio Lower Upper
83 100
85 63.0 50.4 75.6



#30
Cyclohexane
Concen: 9.815 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 84 Resp: 74614
Ion Ratio Lower Upper
84 100
56 122.6 98.1 147.1
41 82.3 65.8 98.8

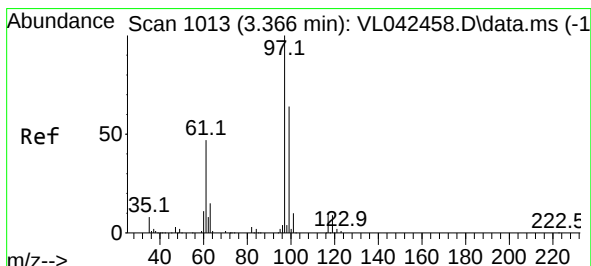
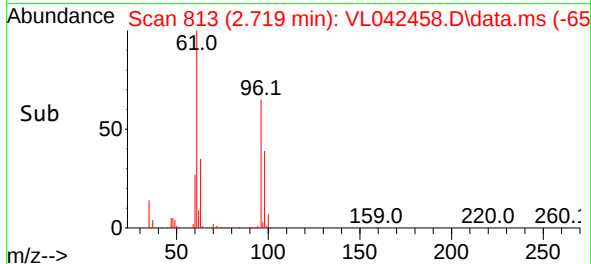
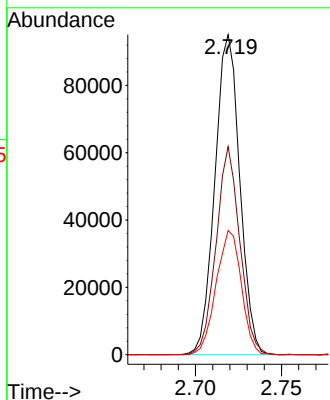
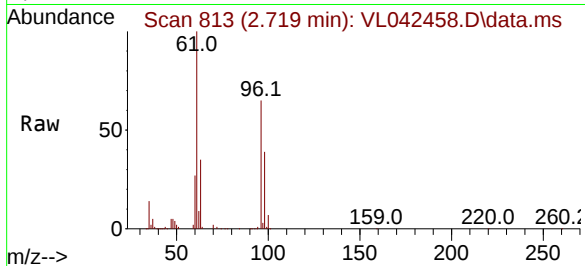




#31
 cis-1,2-Dichloroethene
 Concen: 9.031 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

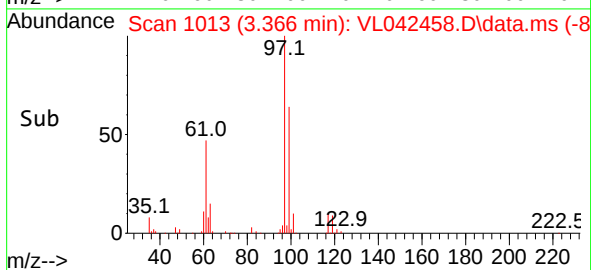
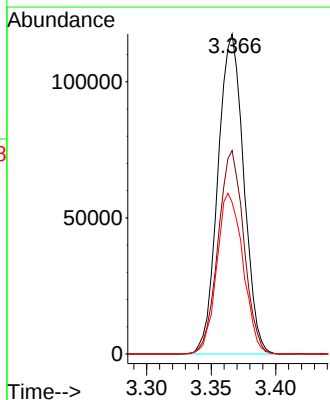
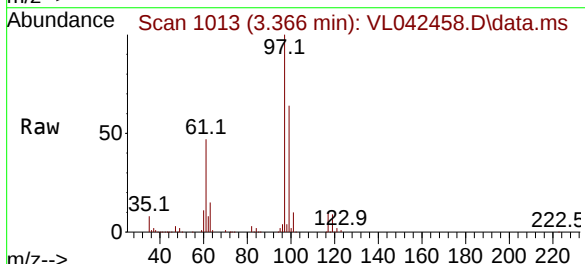
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

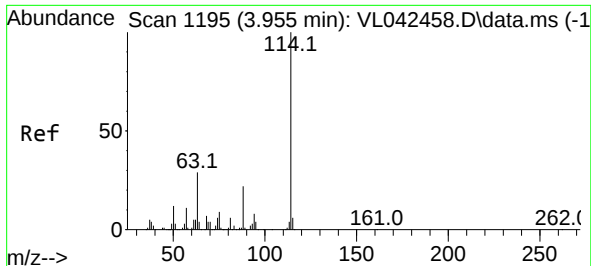
Tgt Ion: 61 Resp: 95797
 Ion Ratio Lower Upper
 61 100
 96 65.0 52.0 78.0
 98 38.8 31.0 46.6



#32
 1,1,1-Trichloroethane
 Concen: 8.836 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion: 97 Resp: 163334
 Ion Ratio Lower Upper
 97 100
 99 63.4 50.7 76.1
 61 51.1 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

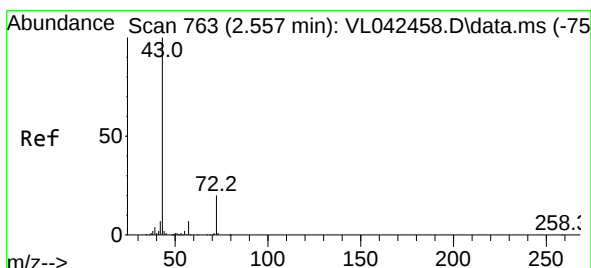
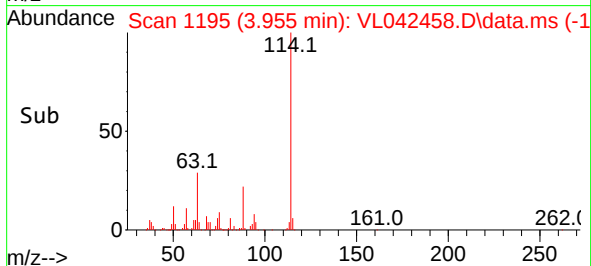
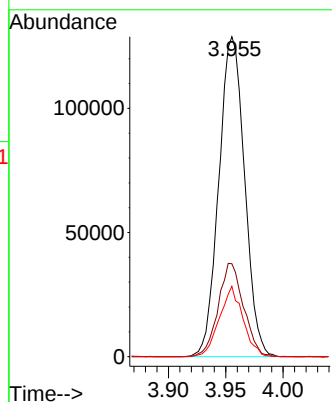
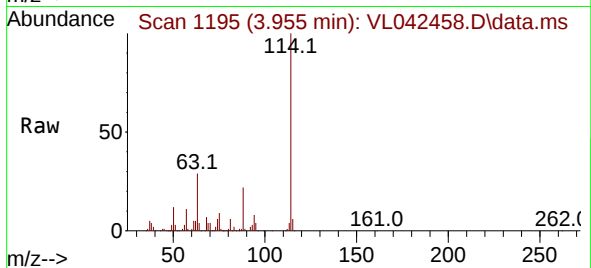
Tgt Ion:114 Resp: 201290

Ion Ratio Lower Upper

114 100

63 28.9 23.1 34.7

88 20.1 16.1 24.1



#34

2-Butanone

Concen: 9.113 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.000 min

Lab File: VL042458.D

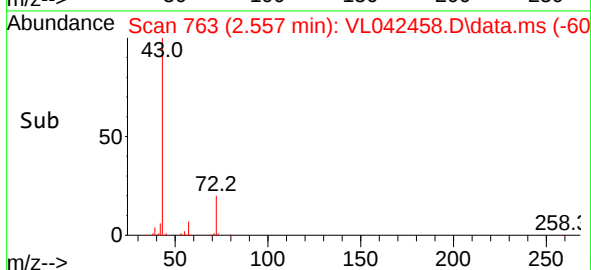
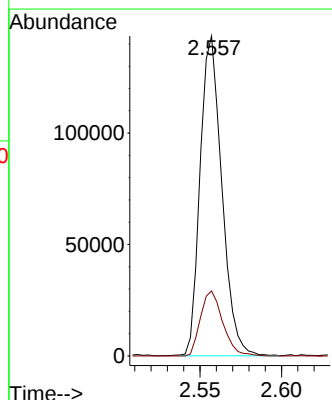
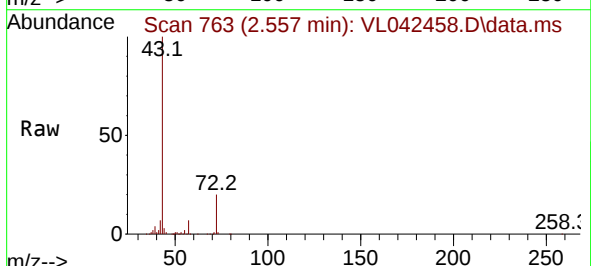
Acq: 01 May 2025 09:03

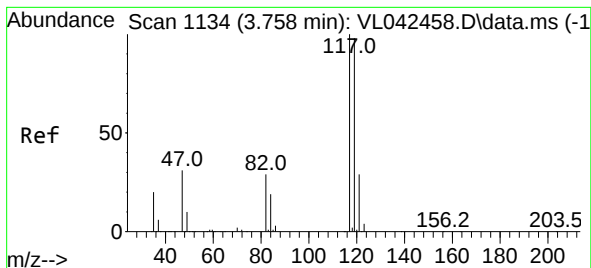
Tgt Ion: 43 Resp: 132685

Ion Ratio Lower Upper

43 100

72 20.9 16.7 25.1





#35

Carbon Tetrachloride

Concen: 9.511 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

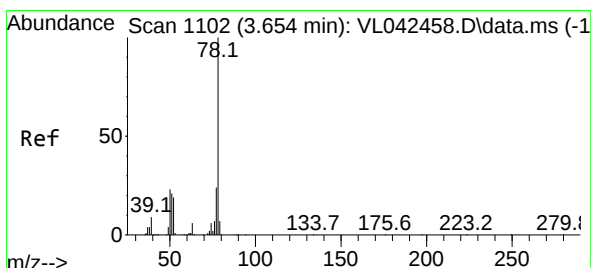
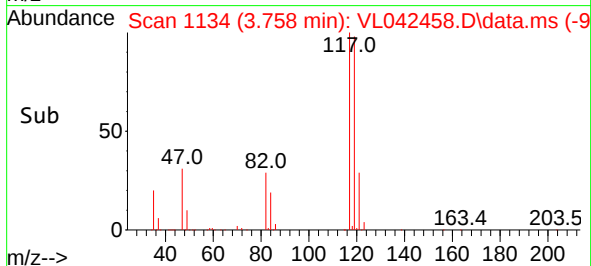
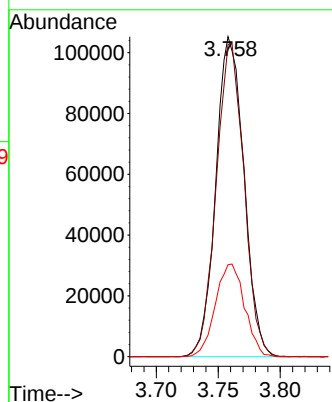
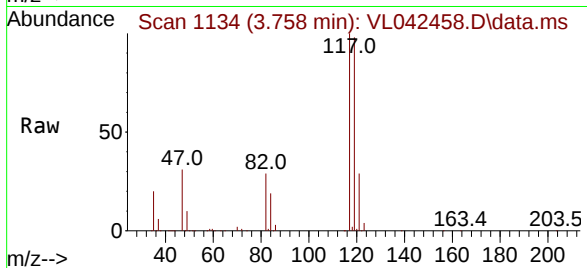
Tgt Ion:117 Resp: 166490

Ion Ratio Lower Upper

117 100

119 97.6 78.1 117.1

121 28.8 23.0 34.6



#36

Benzene

Concen: 9.451 ppbv

RT: 3.654 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

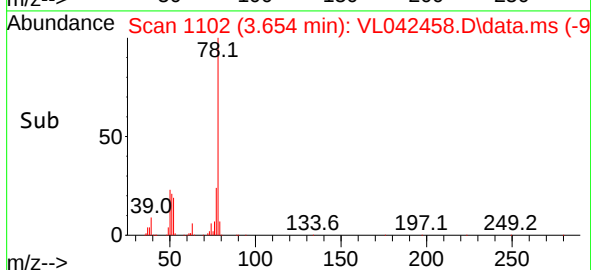
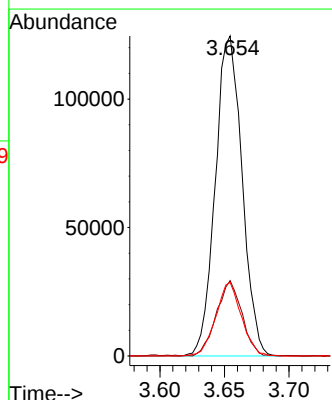
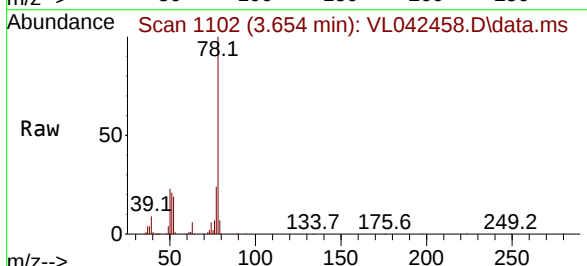
Tgt Ion: 78 Resp: 179532

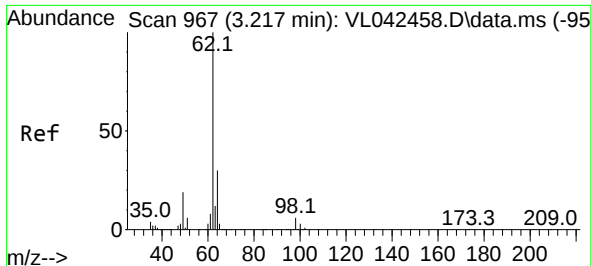
Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

50 23.0 18.4 27.6





#37

1,2-Dichloroethane

Concen: 9.150 ppbv

RT: 3.217 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

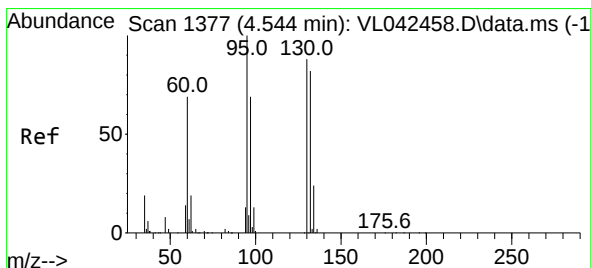
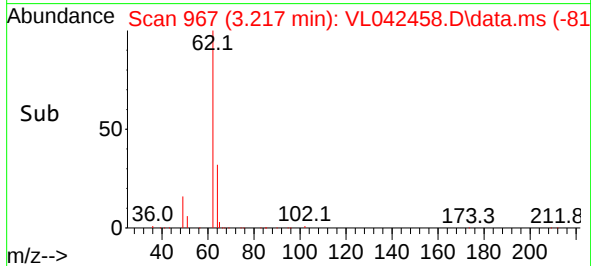
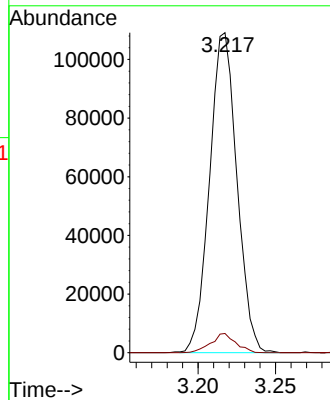
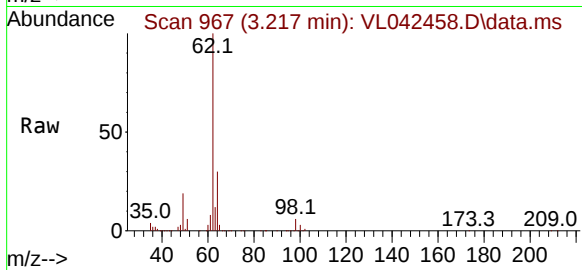
VSTDICCC010

Tgt Ion: 62 Resp: 133963

Ion Ratio Lower Upper

62 100

98 5.4 4.3 6.5



#38

Trichloroethene

Concen: 9.642 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Tgt Ion:130 Resp: 69846

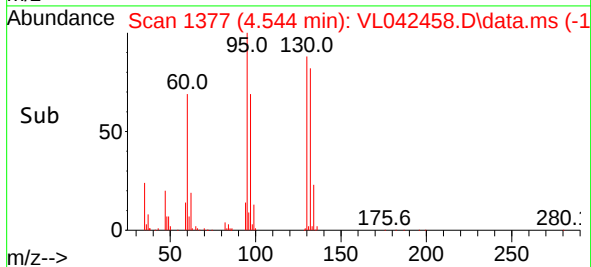
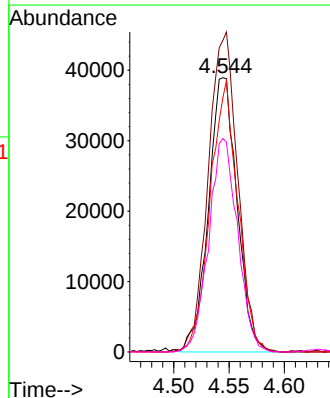
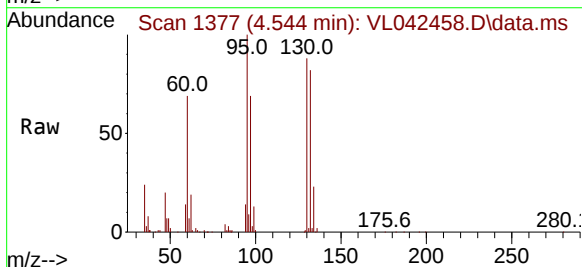
Ion Ratio Lower Upper

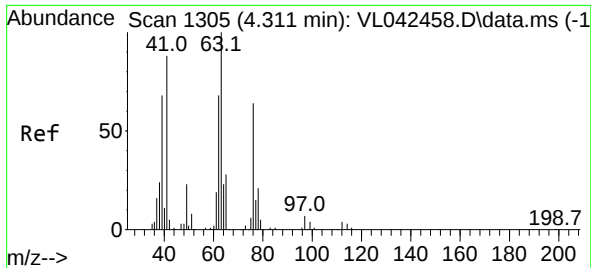
130 100

95 113.7 91.0 136.4

132 92.8 74.2 111.4

97 77.9 62.3 93.5



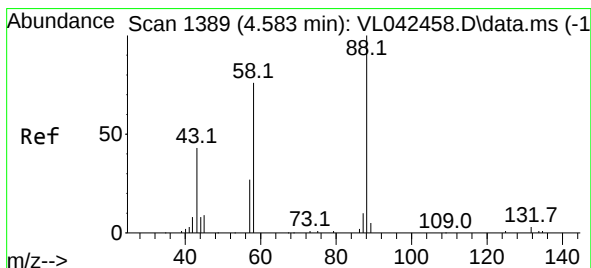
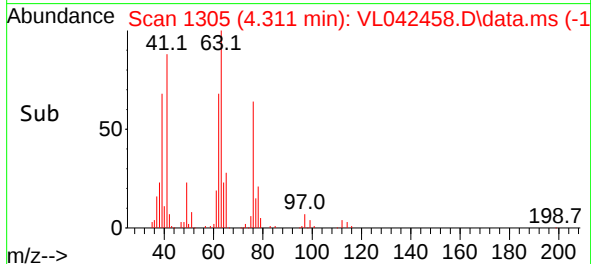
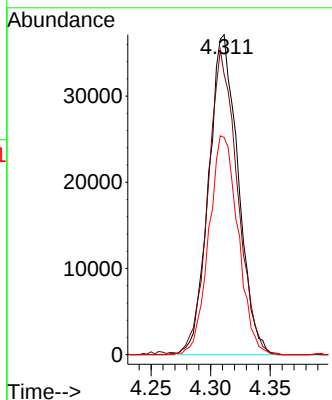
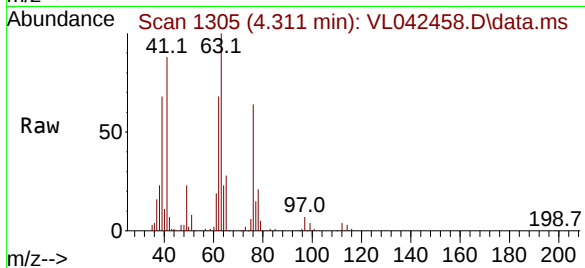


#39
 1,2-Dichloropropane
 Concen: 8.979 ppbv
 RT: 4.311 min Scan# 1305
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 63 Resp: 63894

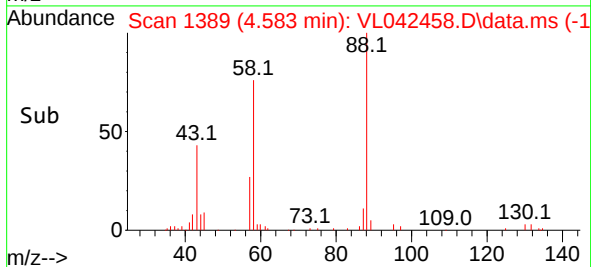
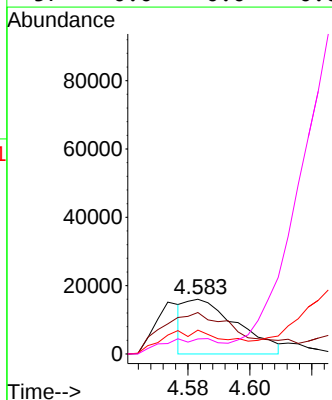
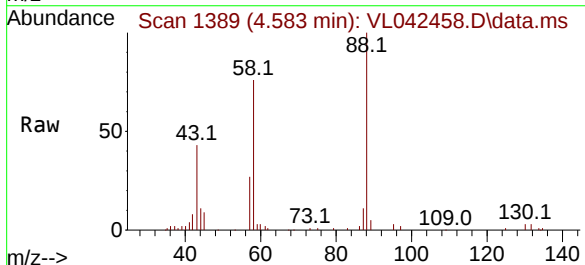
Ion	Ratio	Lower	Upper
63	100		
41	87.2	69.8	104.6
62	67.9	54.3	81.5

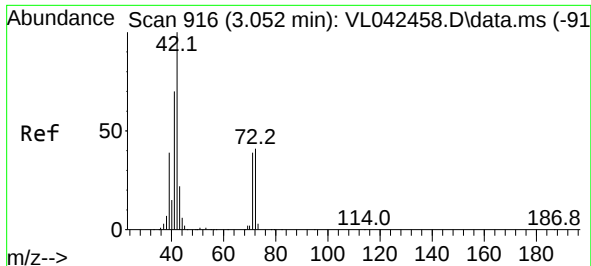


#40
 1,4-Dioxane
 Concen: 5.702 ppbv
 RT: 4.583 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion: 88 Resp: 18861

Ion	Ratio	Lower	Upper
88	100		
58	122.5	0.0	0.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

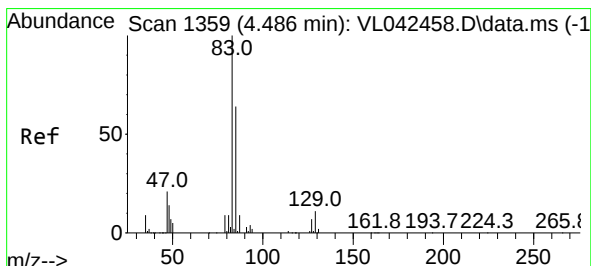
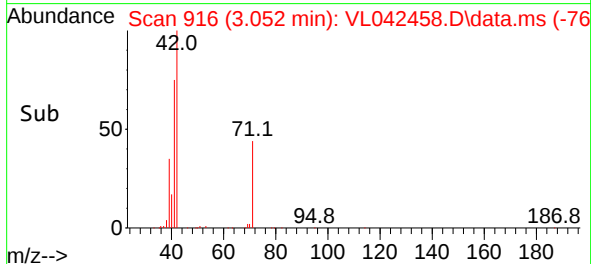
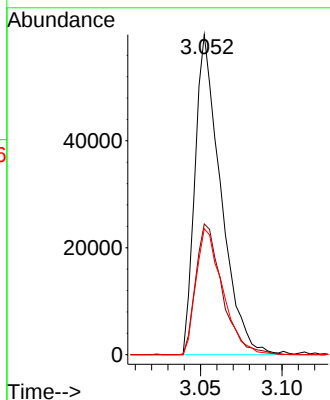
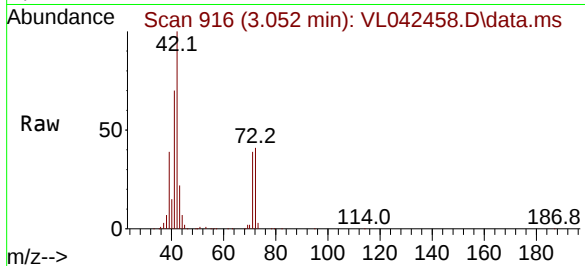




#41
Tetrahydrofuran
Concen: 9.516 ppbv
RT: 3.052 min Scan# 916
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

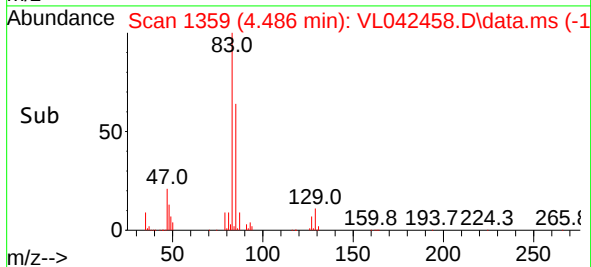
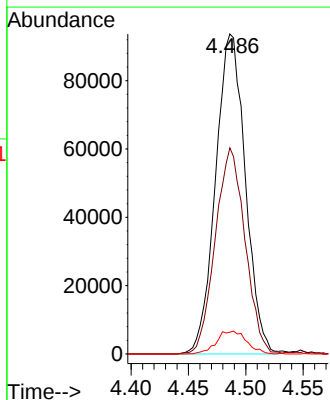
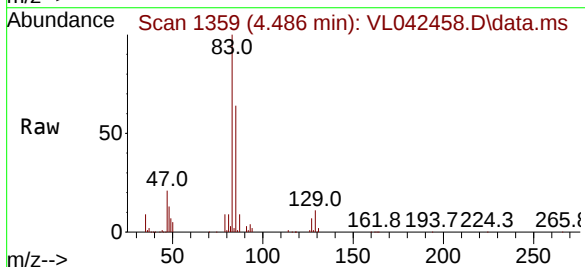
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

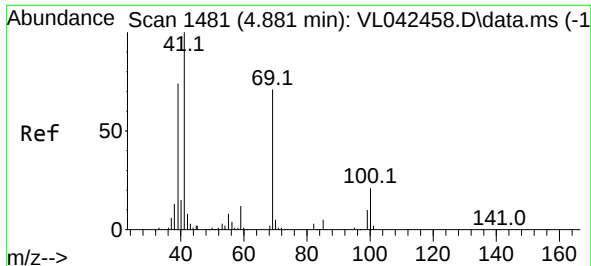
Tgt Ion: 42 Resp: 65713
Ion Ratio Lower Upper
42 100
72 41.9 33.5 50.3
71 40.8 32.6 49.0



#42
Bromodichloromethane
Concen: 9.445 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 83 Resp: 168957
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3
127 6.8 5.4 8.2

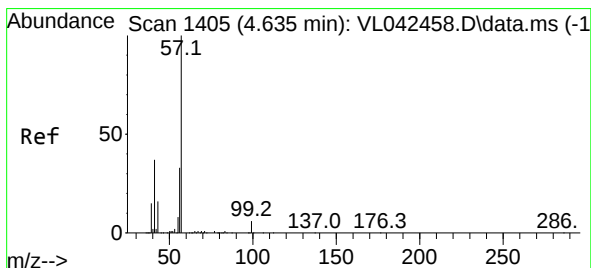
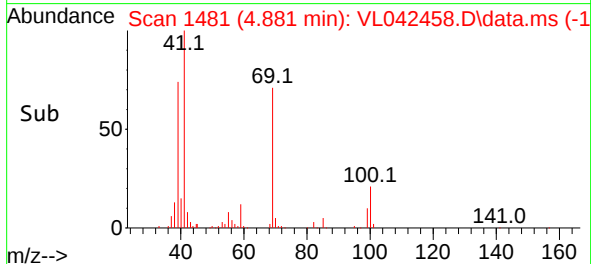
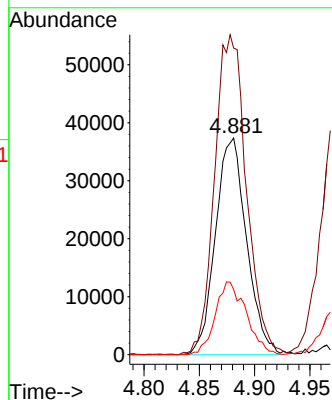
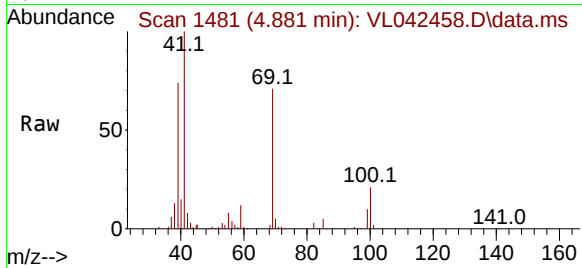




#43
Methyl Methacrylate
Concen: 10.339 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

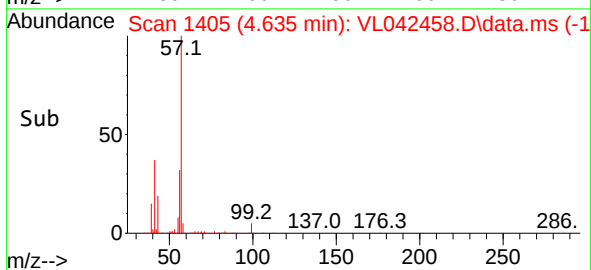
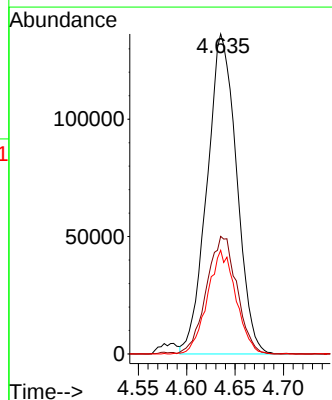
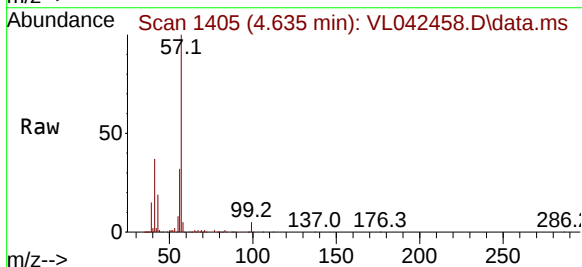
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

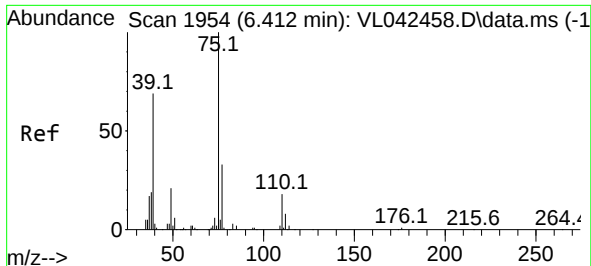
Tgt Ion: 69 Resp: 73117
Ion Ratio Lower Upper
69 100
41 150.9 120.8 181.2
100 33.4 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 9.420 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 57 Resp: 289161
Ion Ratio Lower Upper
57 100
41 38.2 30.6 45.8
56 31.3 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.385 ppbv

RT: 6.412 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

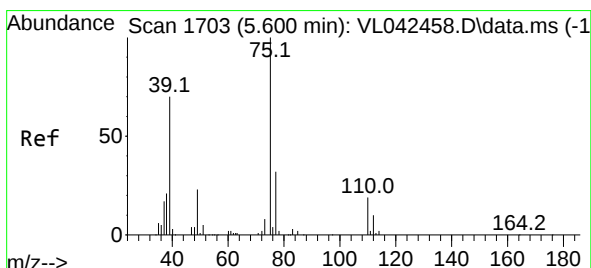
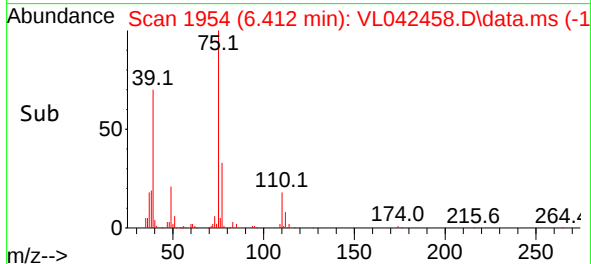
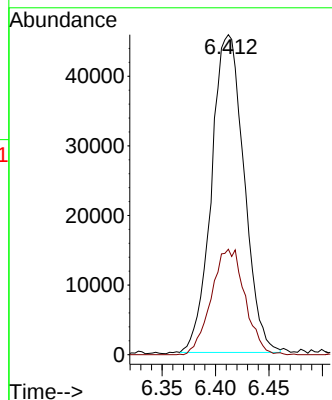
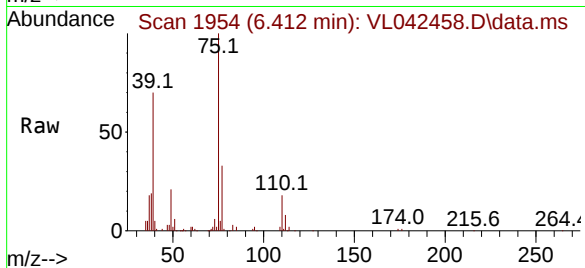
VSTDICCC010

Tgt Ion: 75 Resp: 96692

Ion Ratio Lower Upper

75 100

77 32.9 26.3 39.5



#46

cis-1,3-Dichloropropene

Concen: 10.111 ppbv

RT: 5.600 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

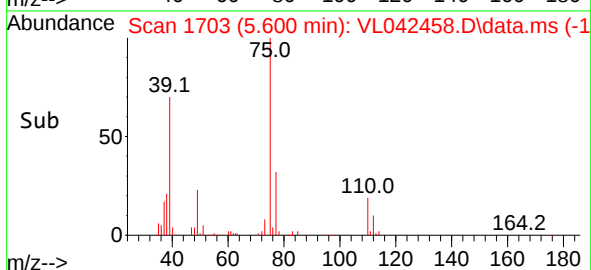
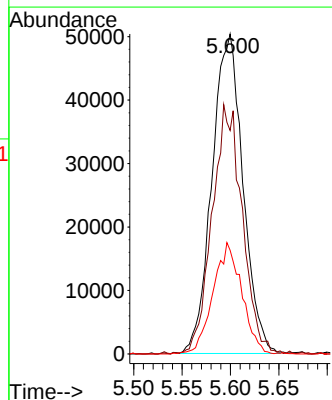
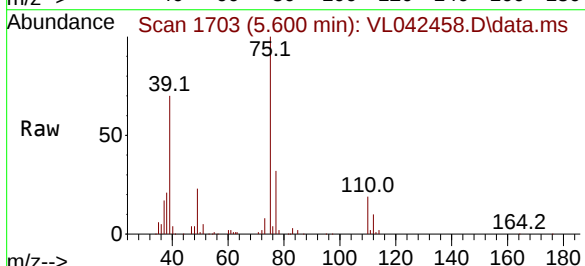
Tgt Ion: 75 Resp: 111768

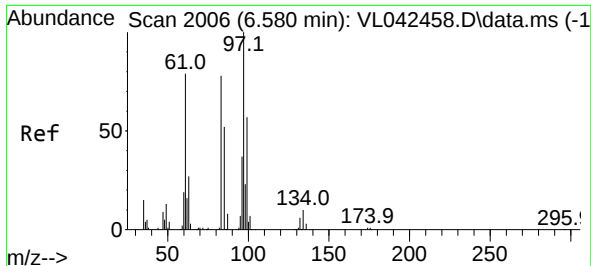
Ion Ratio Lower Upper

75 100

39 69.6 55.7 83.5

77 32.3 25.8 38.8

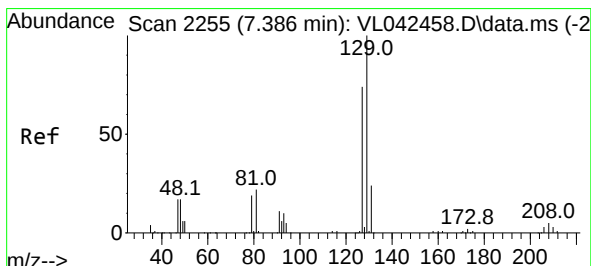
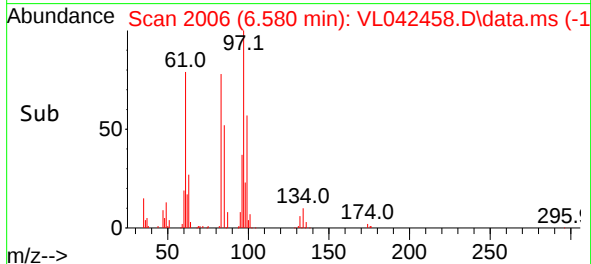
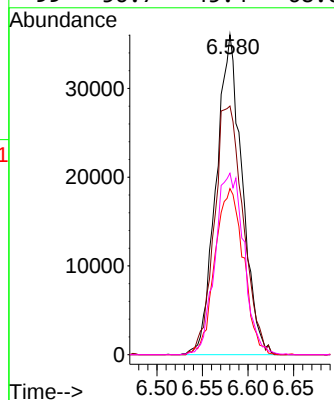
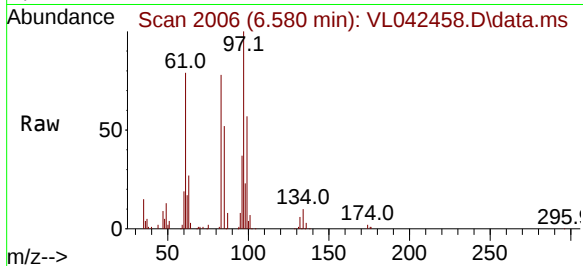




#47
1,1,2-Trichloroethane
Concen: 9.207 ppbv
RT: 6.580 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

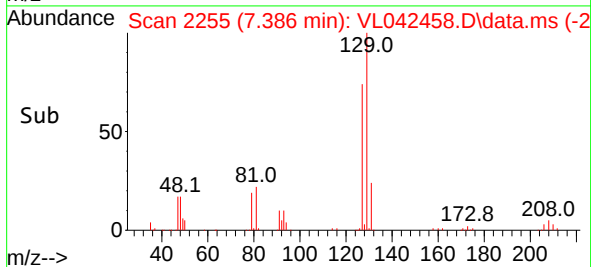
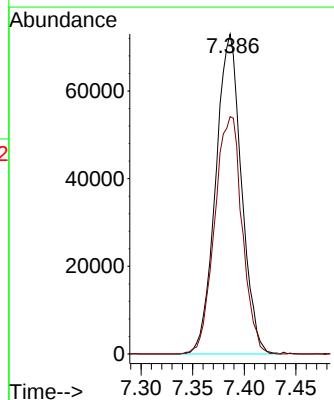
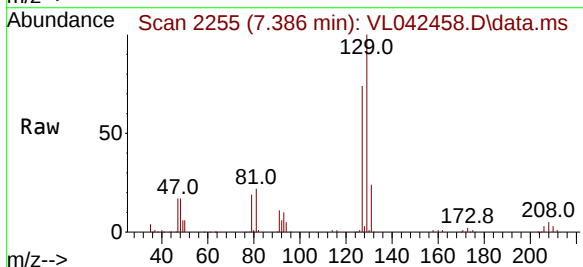
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

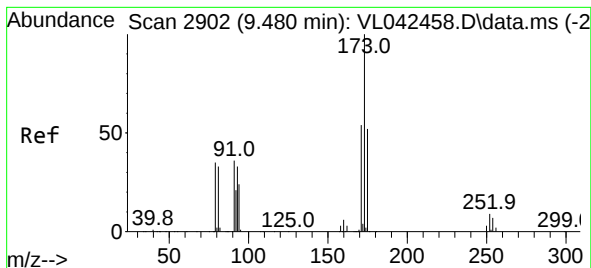
Tgt Ion:	97	Resp:	71805
Ion	Ratio	Lower	Upper
97	100		
83	77.7	62.2	93.2
85	51.9	41.5	62.3
99	56.7	45.4	68.0



#48
Dibromochloromethane
Concen: 9.628 ppbv
RT: 7.386 min Scan# 2255
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:	129	Resp:	126754
Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.5	118.5





#49

Bromoform

Concen: 9.610 ppbv

RT: 9.480 min Scan# 2902

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

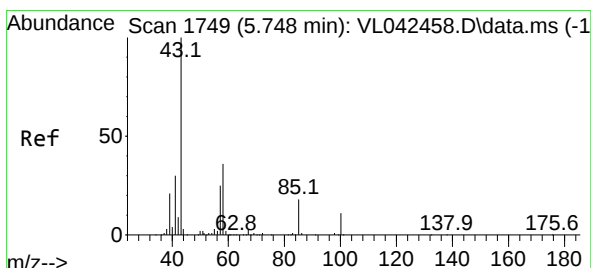
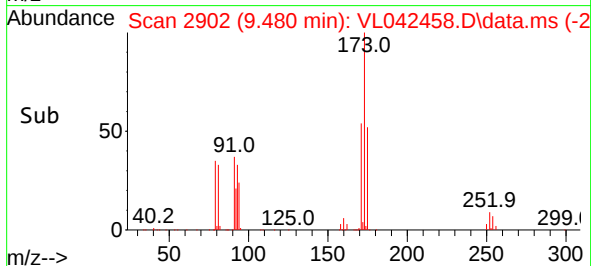
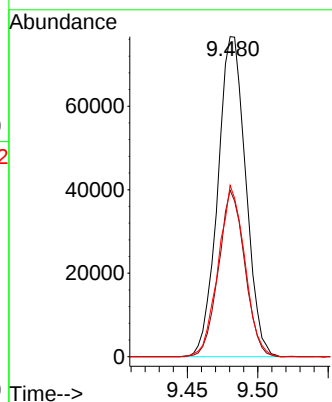
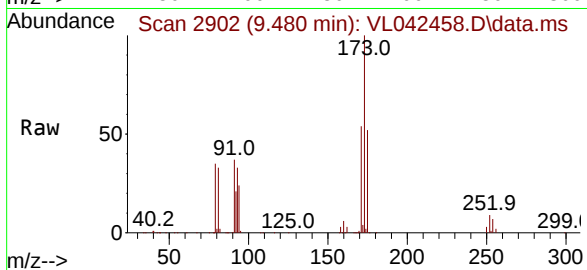
Tgt Ion:173 Resp: 106108

Ion Ratio Lower Upper

173 100

175 48.6 38.9 58.3

171 50.7 40.6 60.8



#50

4-Methyl-2-Pentanone

Concen: 9.518 ppbv

RT: 5.748 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VL042458.D

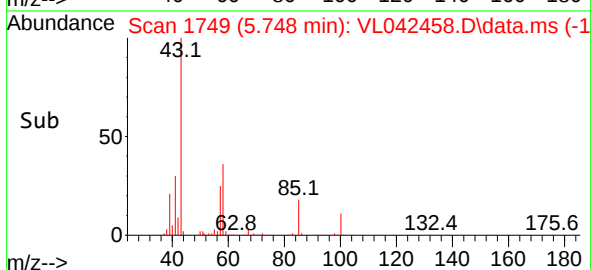
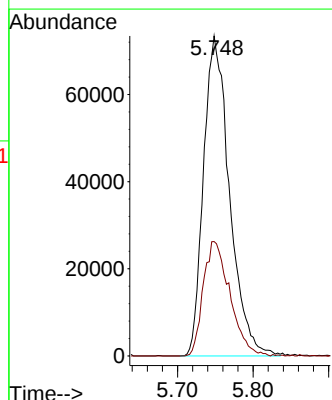
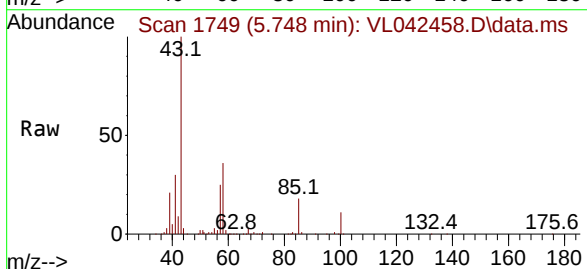
Acq: 01 May 2025 09:03

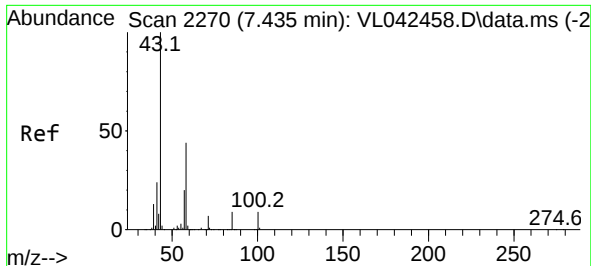
Tgt Ion: 43 Resp: 175193

Ion Ratio Lower Upper

43 100

58 36.9 29.5 44.3

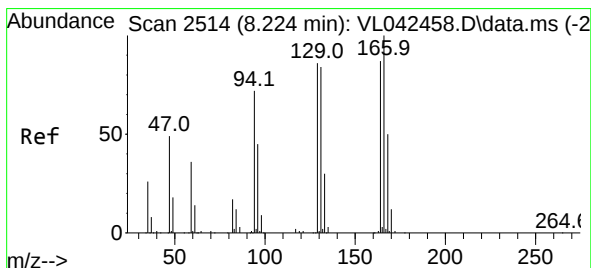
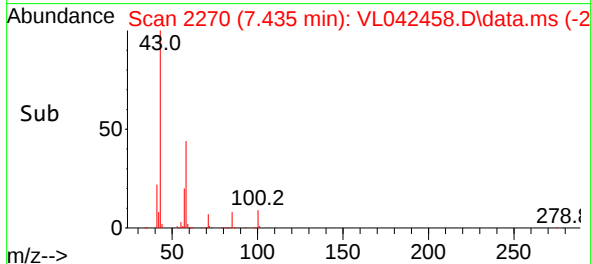
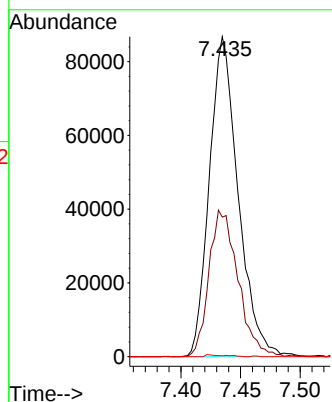
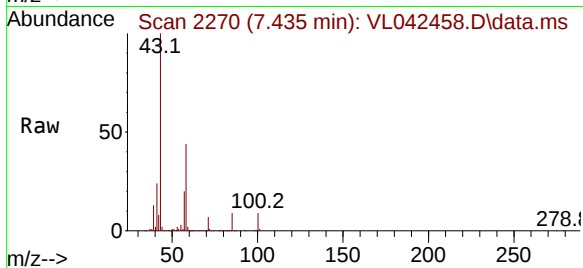




#51
2-Hexanone
Concen: 9.855 ppbv
RT: 7.435 min Scan# 2145
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

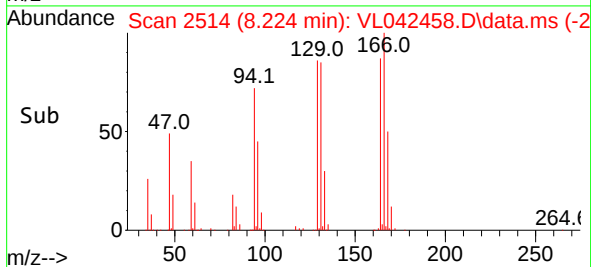
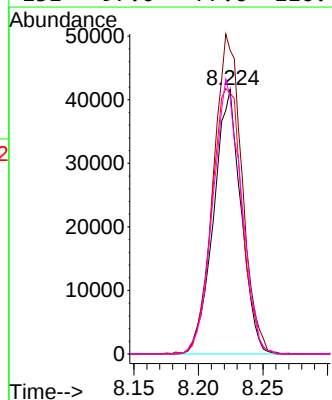
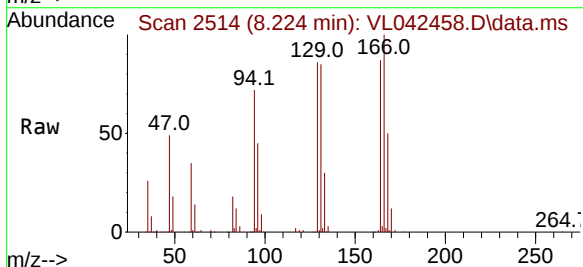
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

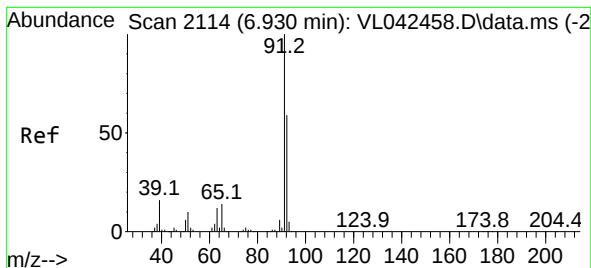
Tgt Ion: 43 Resp: 145272
Ion Ratio Lower Upper
43 100
58 46.5 37.2 55.8
98 0.5 0.4 0.6



#52
Tetrachloroethene
Concen: 8.500 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 164 Resp: 61456
Ion Ratio Lower Upper
164 100
166 114.5 91.6 137.4
129 98.7 79.0 118.4
131 97.0 77.6 116.4





#53

Toluene

Concen: 10.171 ppbv

RT: 6.930 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

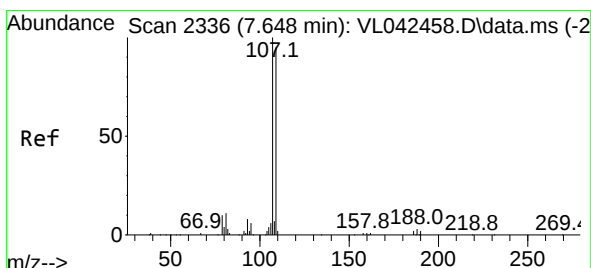
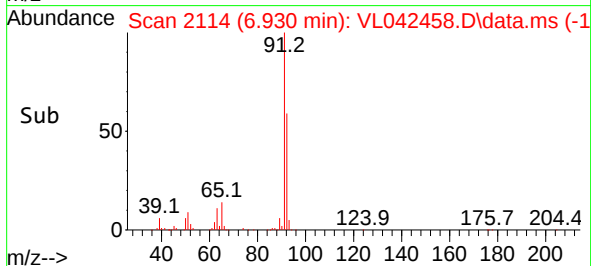
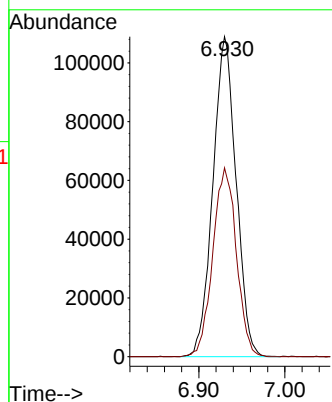
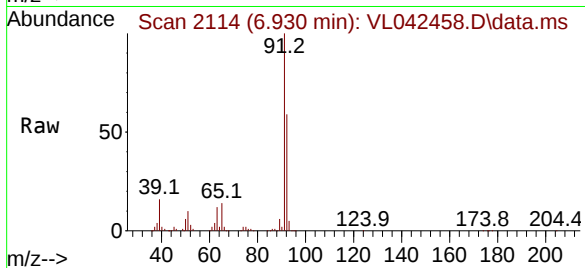
VSTDICCC010

Tgt Ion: 91 Resp: 204494

Ion Ratio Lower Upper

91 100

92 59.9 47.9 71.9



#54

1,2-Dibromoethane

Concen: 9.300 ppbv

RT: 7.648 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VL042458.D

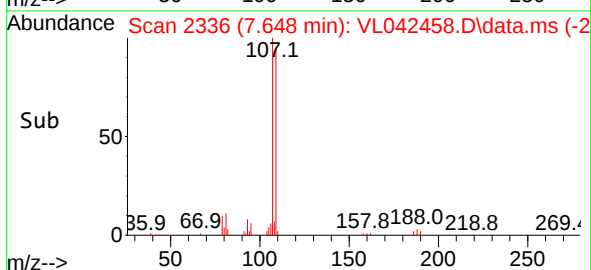
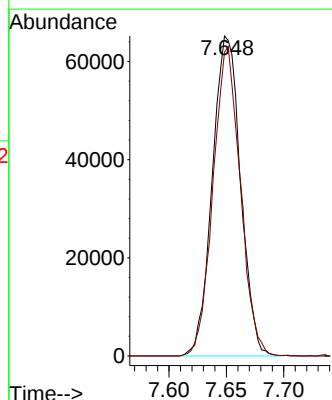
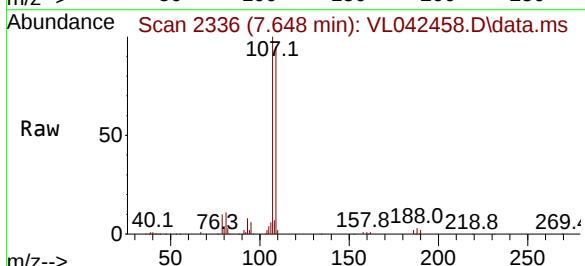
Acq: 01 May 2025 09:03

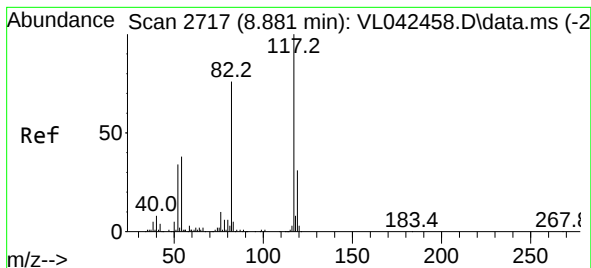
Tgt Ion: 107 Resp: 111506

Ion Ratio Lower Upper

107 100

109 95.0 76.0 114.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

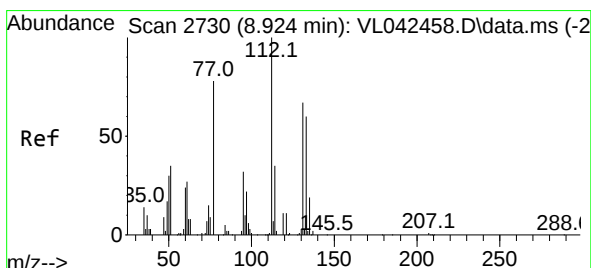
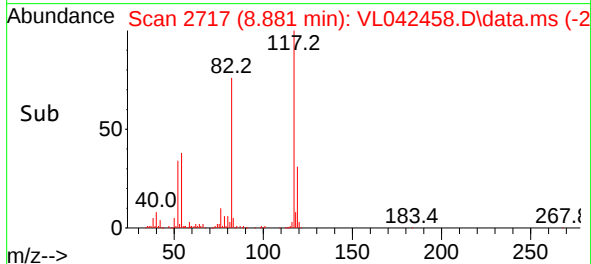
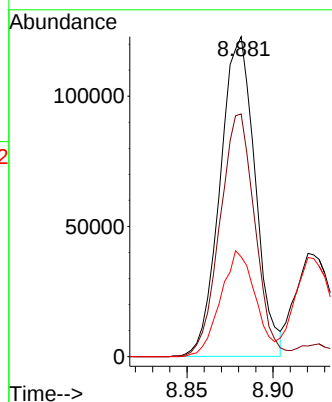
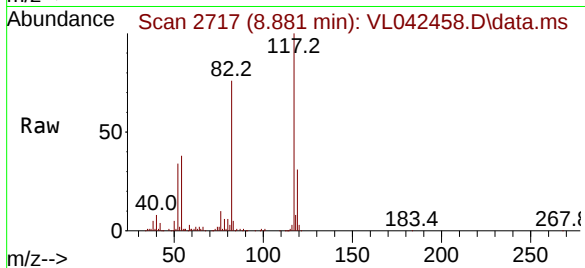
Tgt Ion:117 Resp: 174168

Ion Ratio Lower Upper

117 100

82 79.4 63.5 95.3

119 32.3 25.8 38.8



#56

1,1,1,2-Tetrachloroethane

Concen: 9.172 ppbv

RT: 8.924 min Scan# 2730

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

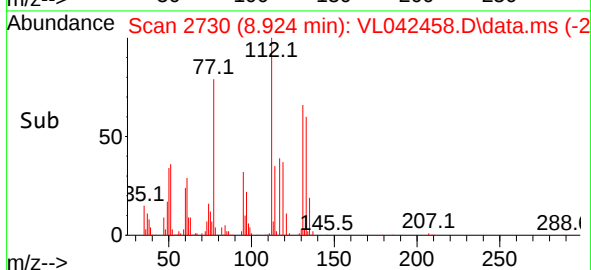
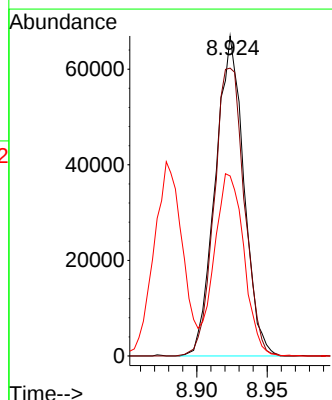
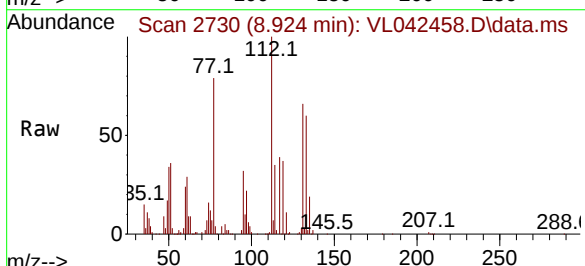
Tgt Ion:131 Resp: 94346

Ion Ratio Lower Upper

131 100

133 95.0 76.0 114.0

119 59.1 46.1 69.1

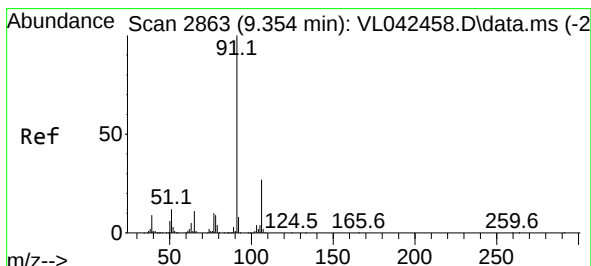
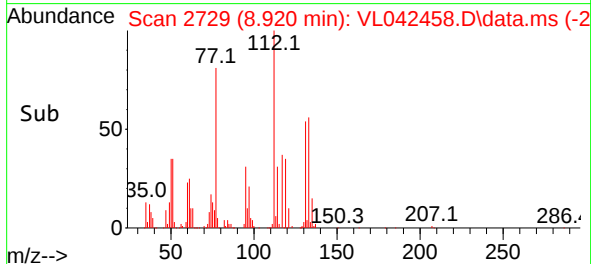
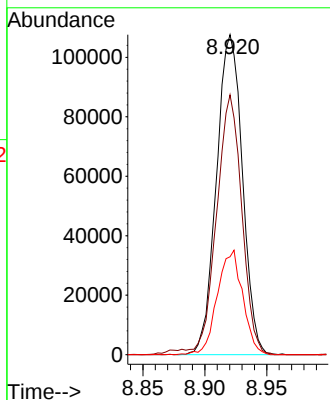
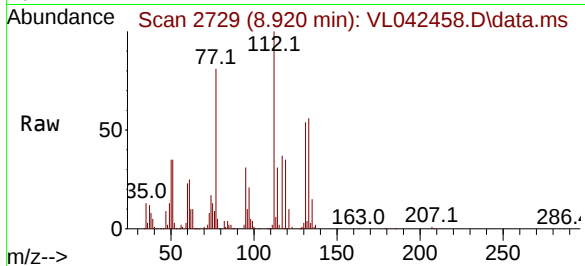




#57
Chlorobenzene
Concen: 8.994 ppbv
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

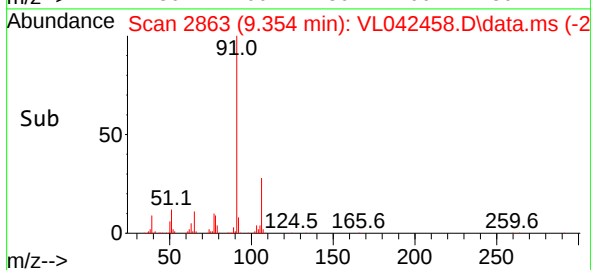
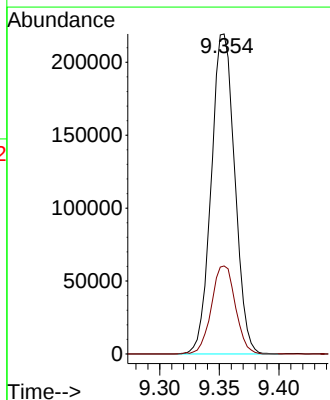
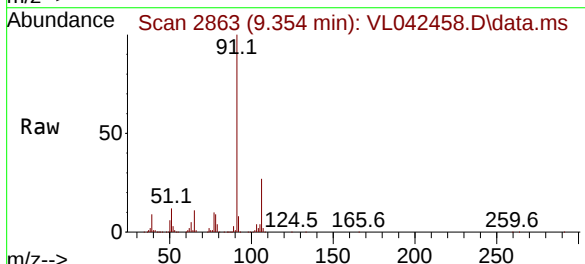
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

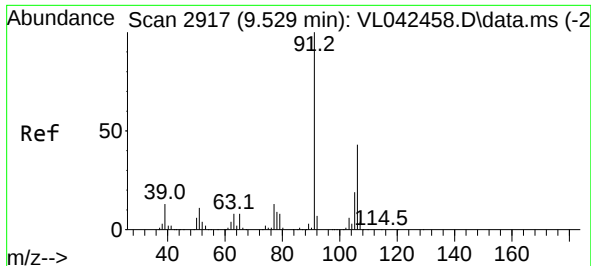
Tgt Ion:112 Resp: 157401
Ion Ratio Lower Upper
112 100
77 81.2 65.0 97.4
114 30.6 27.5 33.7



#58
Ethyl Benzene
Concen: 10.321 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 91 Resp: 300412
Ion Ratio Lower Upper
91 100
106 27.4 21.9 32.9





#59

m/p-Xylene

Concen: 10.187 ppbv

RT: 9.529 min Scan# 2917

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

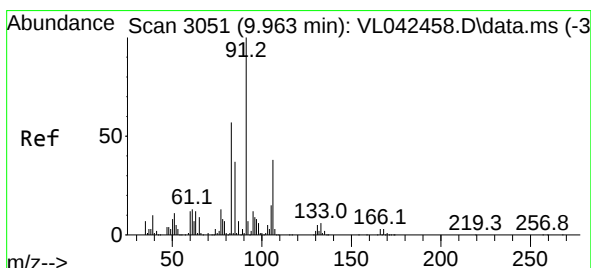
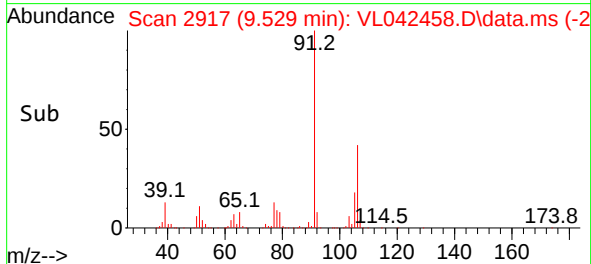
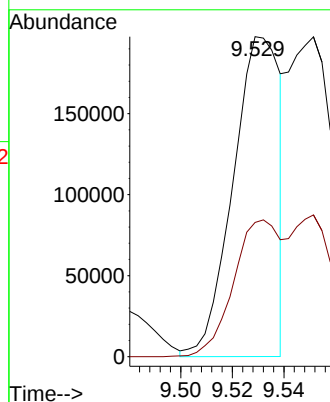
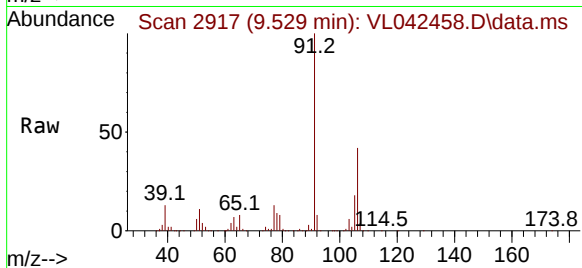
VSTDICCC010

Tgt Ion: 91 Resp: 248589

Ion Ratio Lower Upper

91 100

106 0.0 34.2 51.2#



#60

o-Xylene

Concen: 10.157 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL042458.D

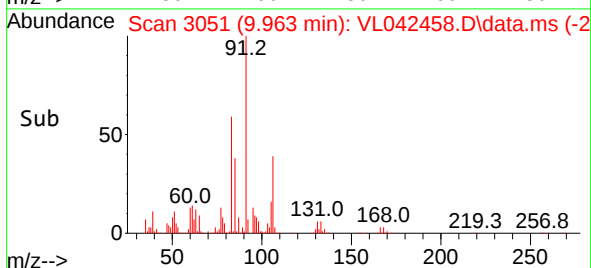
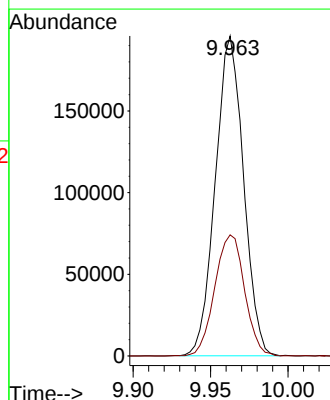
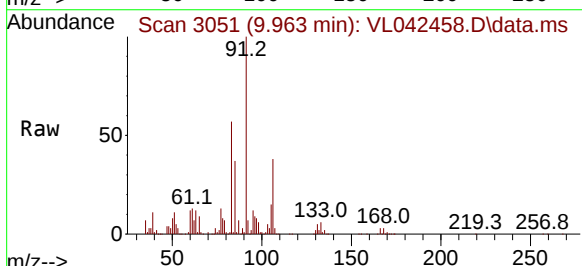
Acq: 01 May 2025 09:03

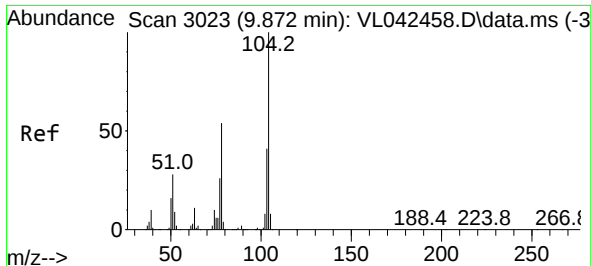
Tgt Ion: 91 Resp: 247784

Ion Ratio Lower Upper

91 100

106 40.1 20.1 60.2

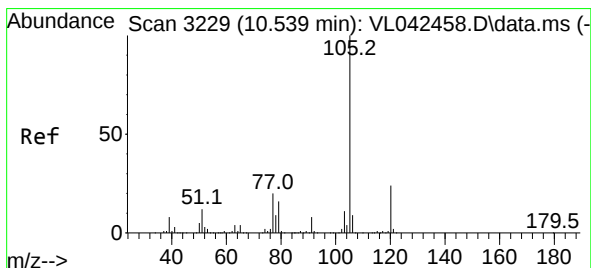
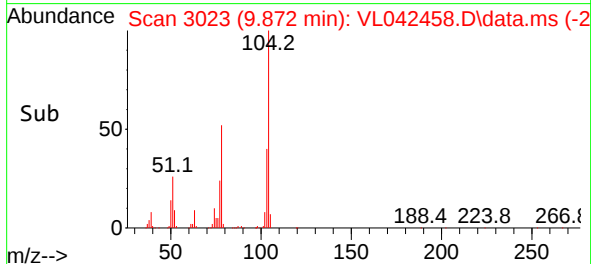
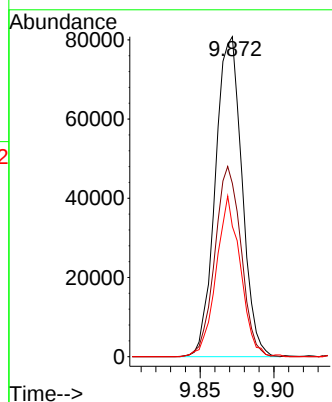
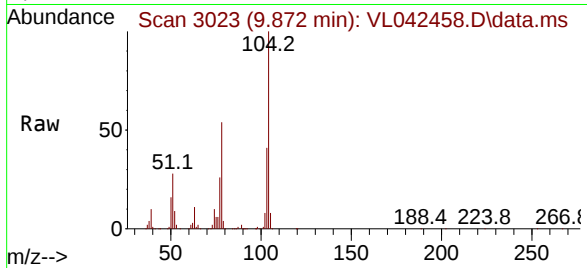




#61
Styrene
Concen: 11.134 ppbv
RT: 9.872 min Scan# 3023
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

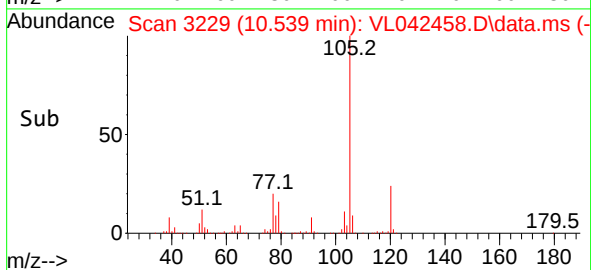
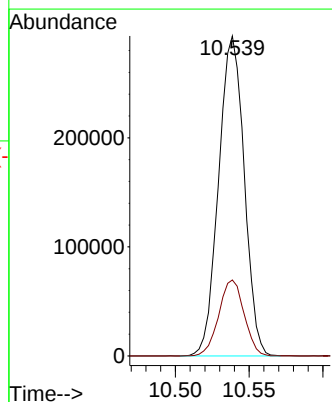
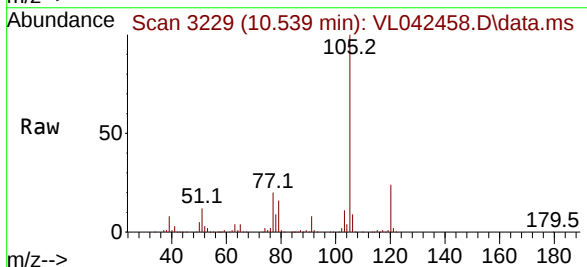
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

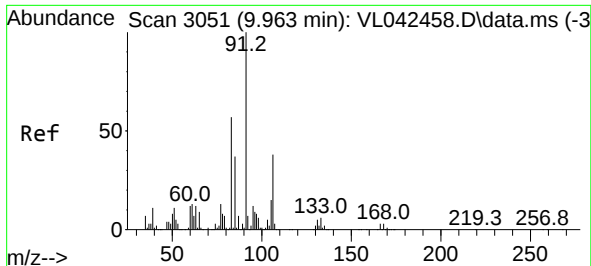
Tgt Ion:104 Resp: 101509
Ion Ratio Lower Upper
104 100
78 58.6 46.9 70.3
103 45.8 36.6 55.0



#62
Isopropylbenzene
Concen: 10.047 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:105 Resp: 354055
Ion Ratio Lower Upper
105 100
120 23.5 18.8 28.2





#63

1,1,2,2-Tetrachloroethane

Concen: 9.305 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

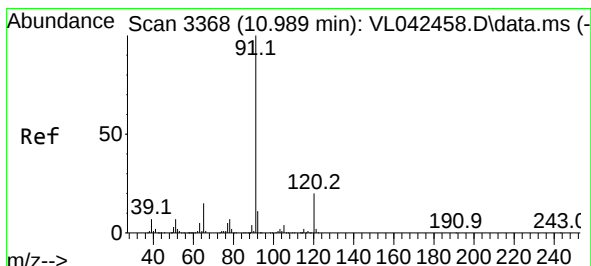
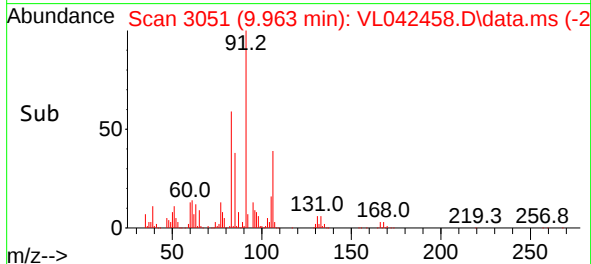
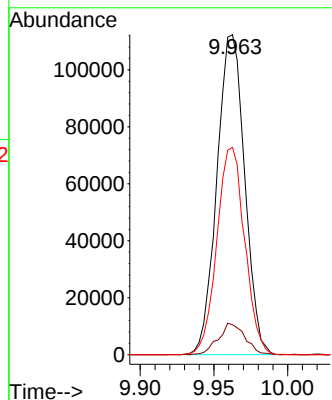
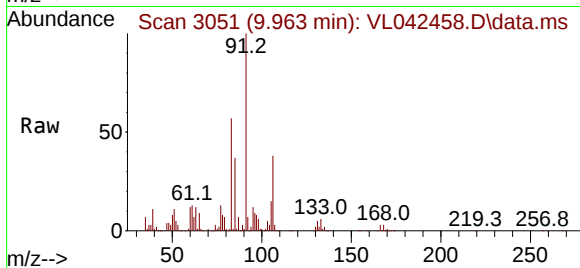
Tgt Ion: 83 Resp: 147295

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.9 32.5 97.4



#64

n-propylbenzene

Concen: 9.787 ppbv

RT: 10.989 min Scan# 3368

Delta R.T. 0.000 min

Lab File: VL042458.D

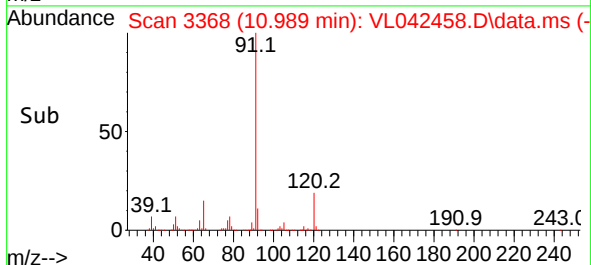
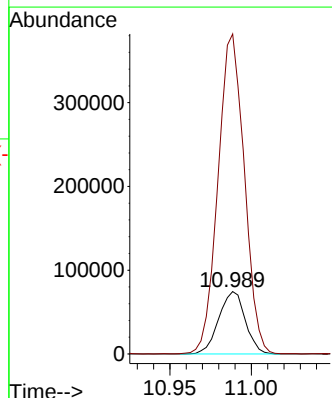
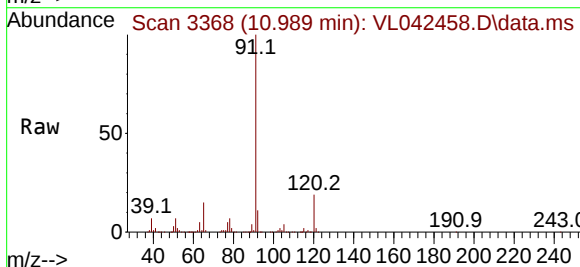
Acq: 01 May 2025 09:03

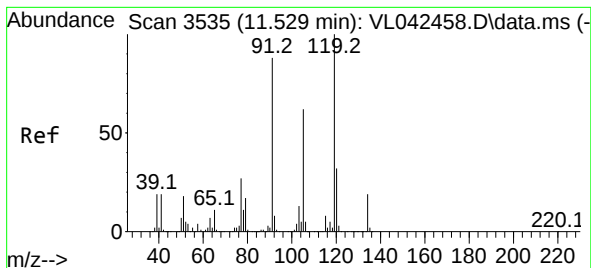
Tgt Ion: 120 Resp: 84006

Ion Ratio Lower Upper

120 100

91 510.7 408.6 612.8





#65

tert-Butylbenzene

Concen: 10.065 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

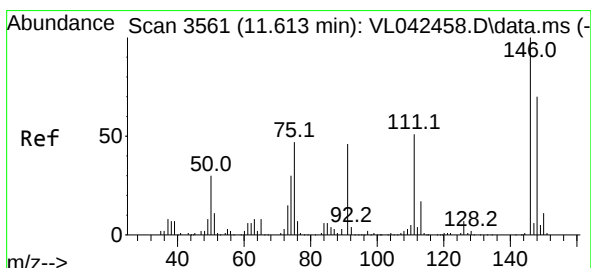
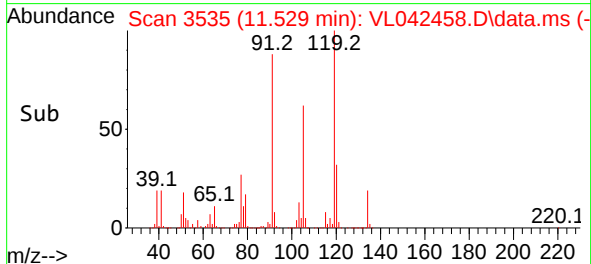
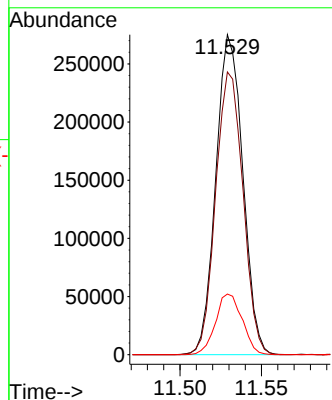
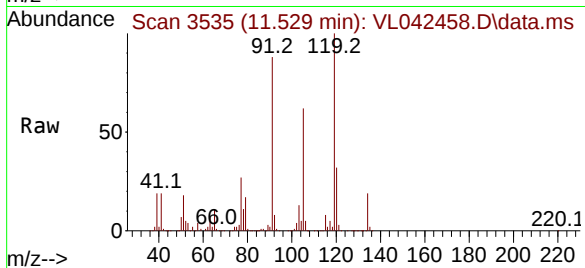
Tgt Ion:119 Resp: 316532

Ion Ratio Lower Upper

119 100

91 89.5 71.6 107.4

134 18.7 15.0 22.4



#66

Benzyl Chloride

Concen: 11.096 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

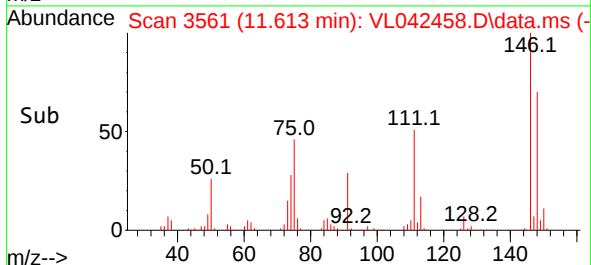
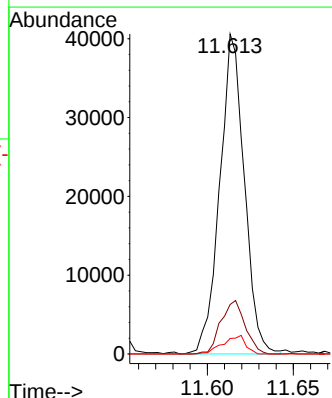
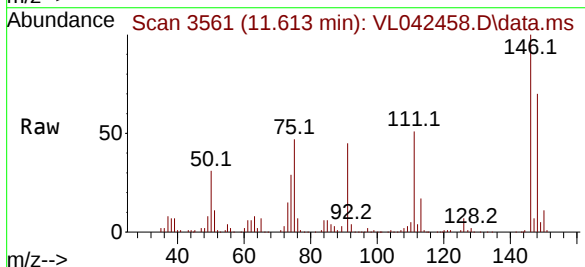
Tgt Ion: 91 Resp: 40331

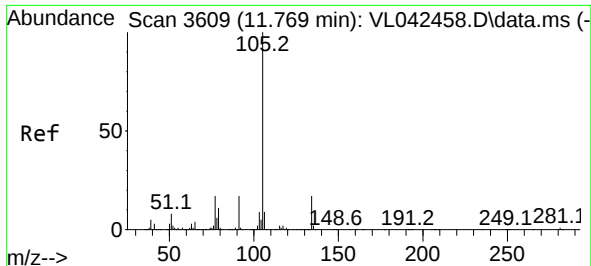
Ion Ratio Lower Upper

91 100

126 16.5 13.3 19.9

128 5.3 4.2 6.4





#67

sec-Butylbenzene

Concen: 9.903 ppbv

RT: 11.769 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_1

ClientSampleId :

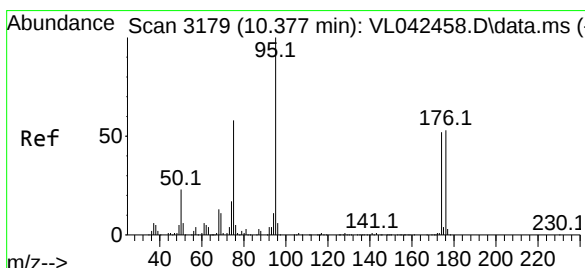
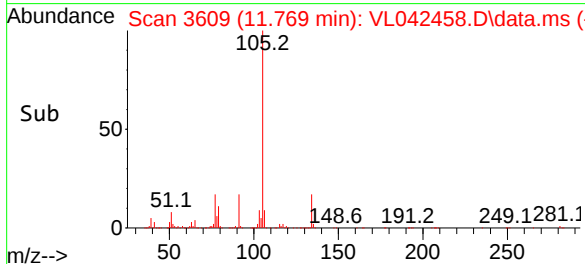
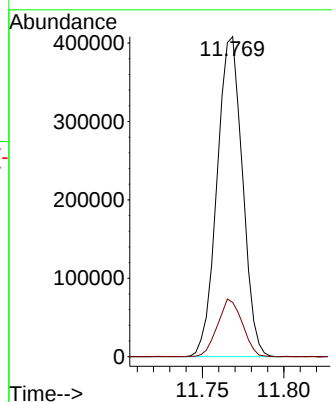
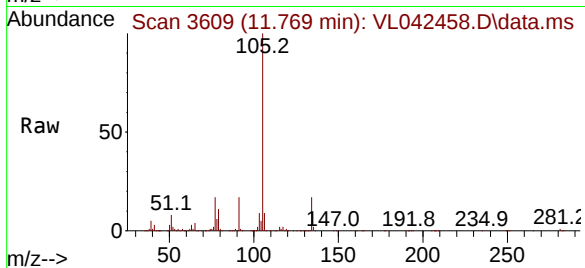
VSTDICCC010

Tgt Ion:105 Resp: 442600

Ion Ratio Lower Upper

105 100

134 17.6 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.258 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

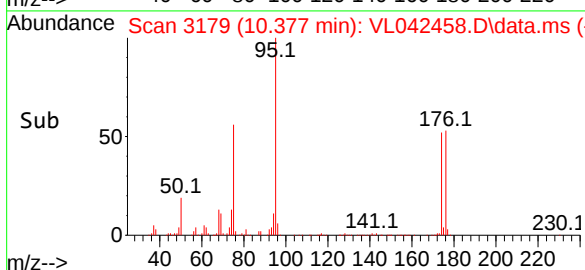
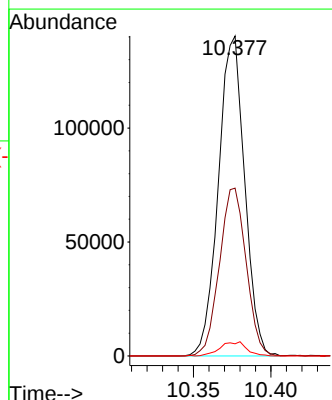
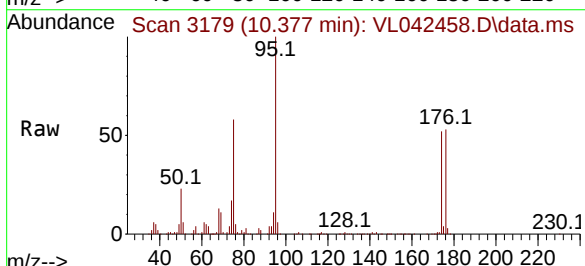
Tgt Ion: 95 Resp: 165650

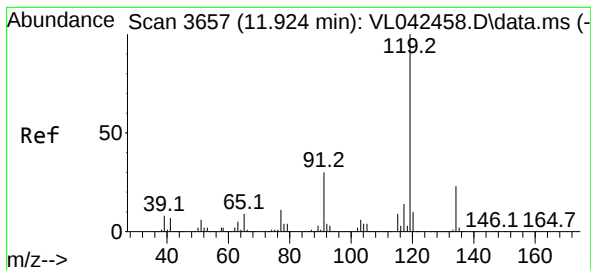
Ion Ratio Lower Upper

95 100

174 53.4 42.7 64.1

175 4.5 3.6 5.4

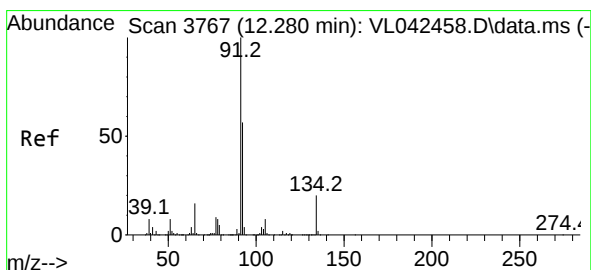
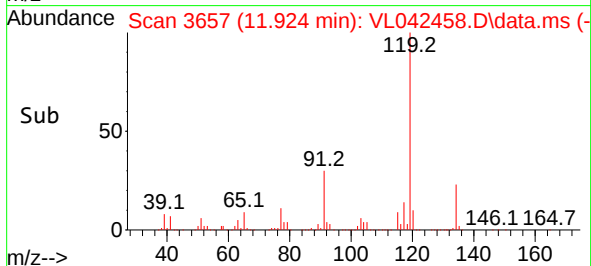
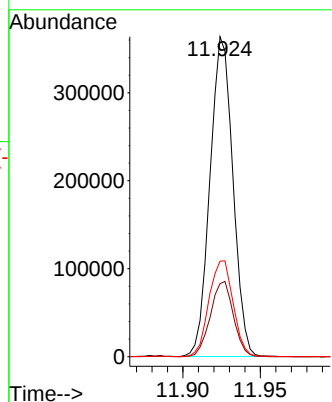
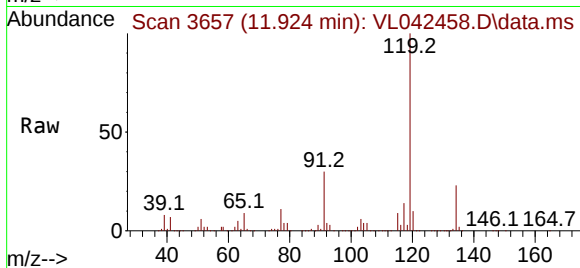




#69
p-Isopropyltoluene
Concen: 9.947 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

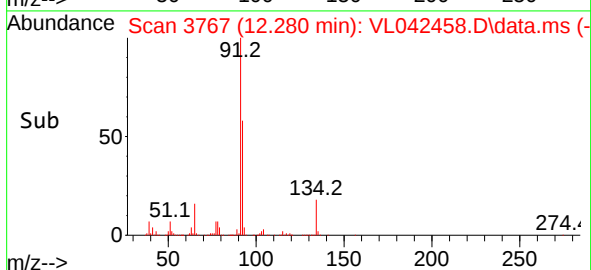
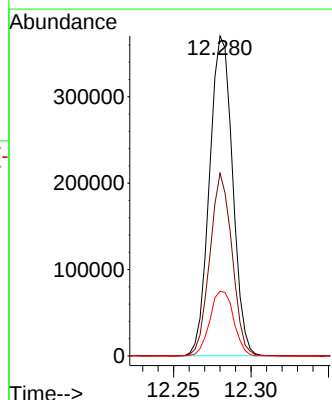
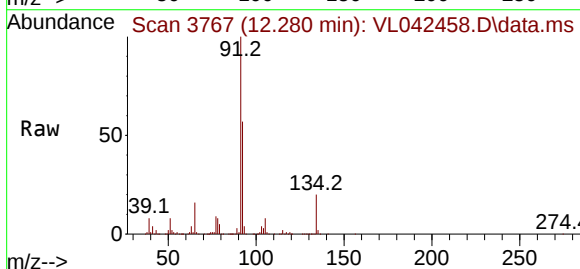
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

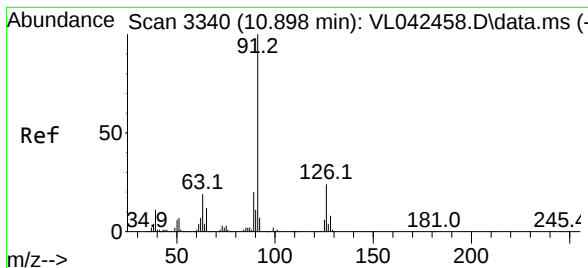
Tgt Ion: 119 Resp: 374540
Ion Ratio Lower Upper
119 100
134 23.7 19.0 28.4
91 31.9 25.5 38.3



#70
n-Butylbenzene
Concen: 9.836 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 91 Resp: 382883
Ion Ratio Lower Upper
91 100
92 55.0 44.0 66.0
134 21.0 16.8 25.2

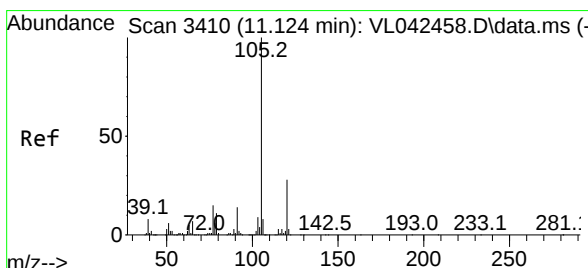
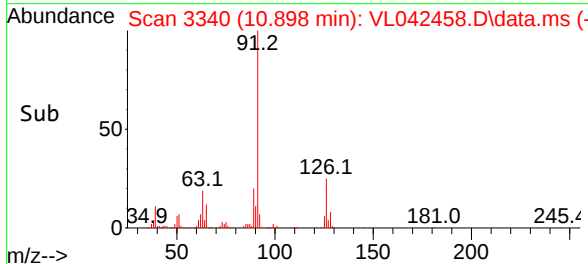
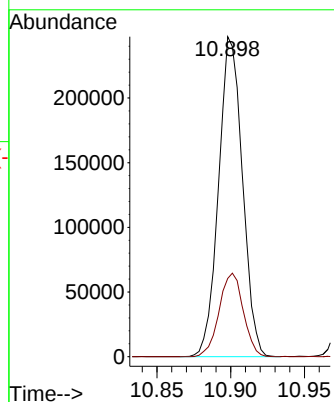
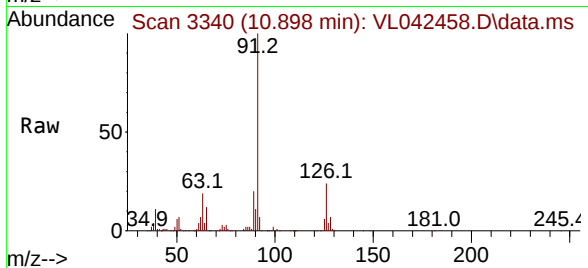




#71
2-Chlorotoluene
Concen: 10.065 ppbv
RT: 10.898 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

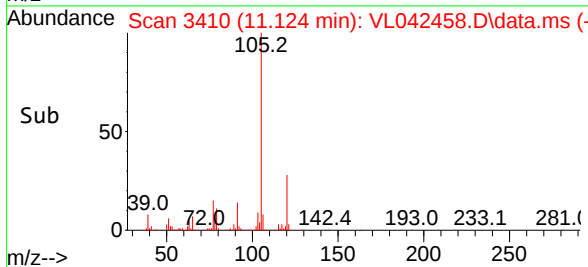
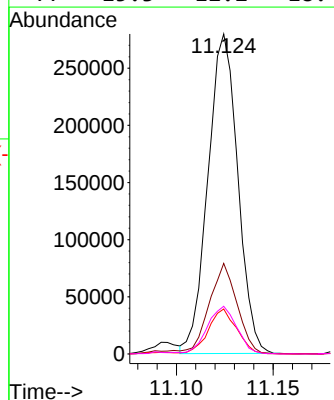
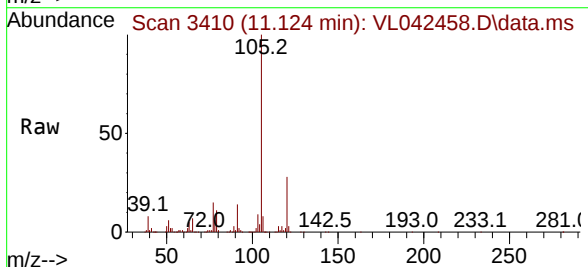
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

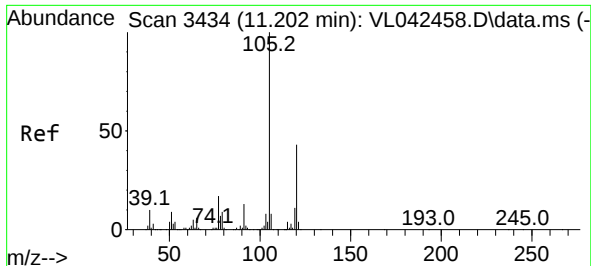
Tgt Ion: 91 Resp: 278215
Ion Ratio Lower Upper
91 100
126 26.4 10.6 42.2



#72
4-Ethyltoluene
Concen: 10.409 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion: 105 Resp: 299831
Ion Ratio Lower Upper
105 100
120 27.5 22.0 33.0
91 14.0 11.2 16.8
77 15.3 12.2 18.4

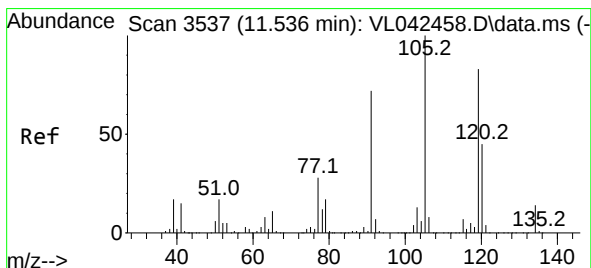
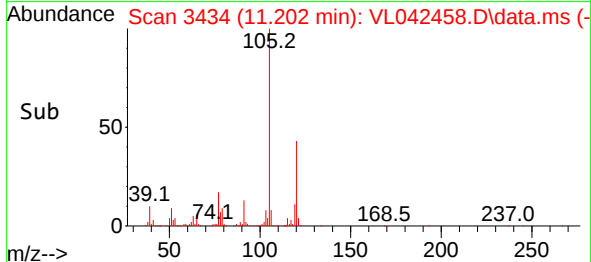
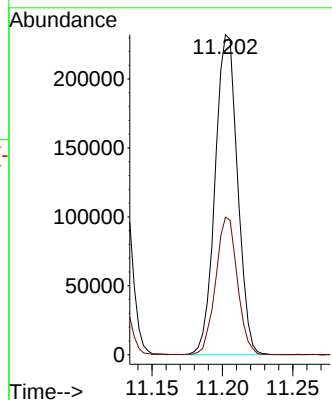
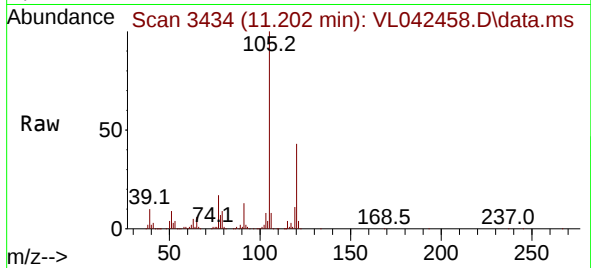




#73
 1,3,5-Trimethylbenzene
 Concen: 10.143 ppbv
 RT: 11.202 min Scan# 3434
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

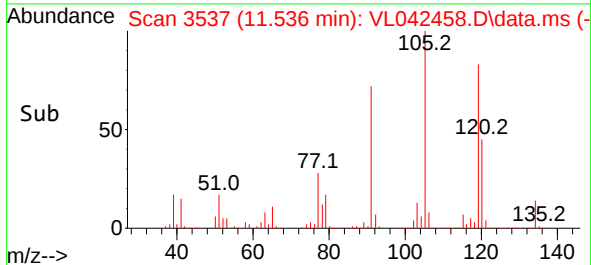
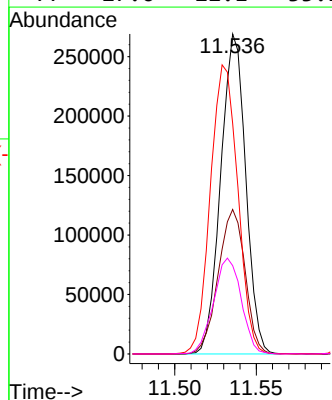
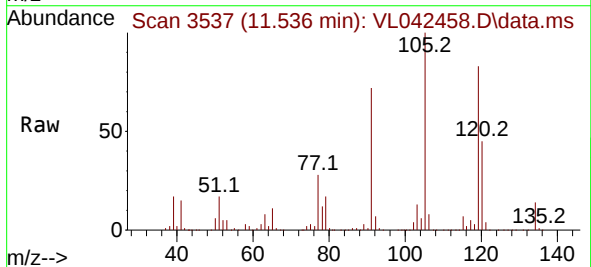
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

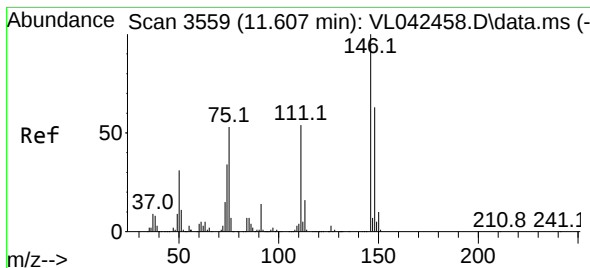
Tgt Ion:105 Resp: 256952
 Ion Ratio Lower Upper
 105 100
 120 43.0 34.4 51.6



#74
 1,2,4-Trimethylbenzene
 Concen: 9.351 ppbv
 RT: 11.536 min Scan# 3537
 Delta R.T. 0.000 min
 Lab File: VL042458.D
 Acq: 01 May 2025 09:03

Tgt Ion:105 Resp: 286615
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.1 54.1
 91 72.0 57.6 86.4
 77 27.6 22.1 33.1





#75

1,3-Dichlorobenzene

Concen: 9.118 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

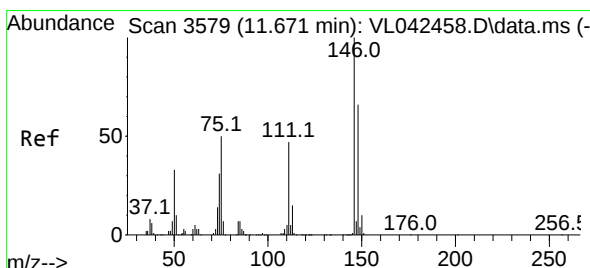
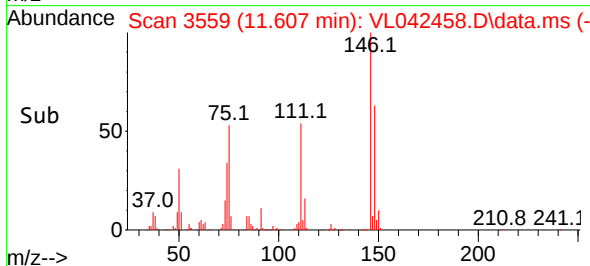
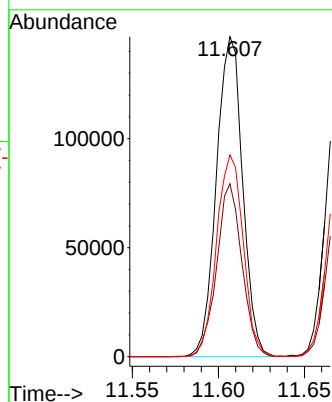
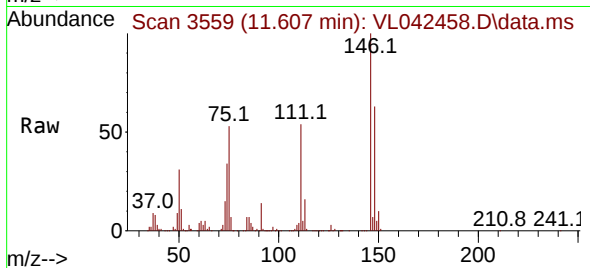
Tgt Ion:146 Resp: 155598

Ion Ratio Lower Upper

146 100

111 52.2 26.1 78.3

148 64.0 32.0 96.0



#76

1,4-Dichlorobenzene

Concen: 9.782 ppbv

RT: 11.671 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL042458.D

Acq: 01 May 2025 09:03

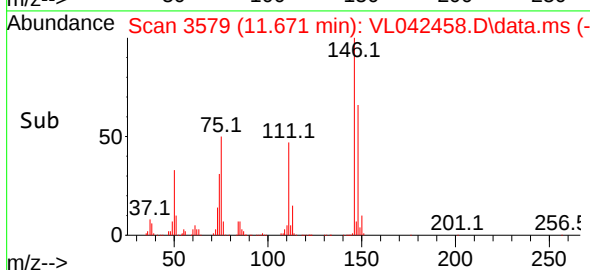
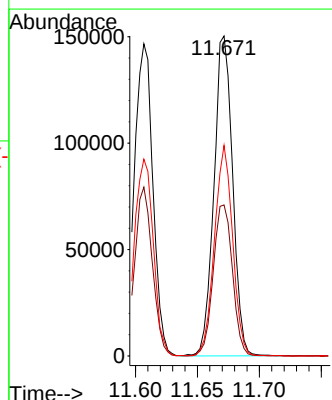
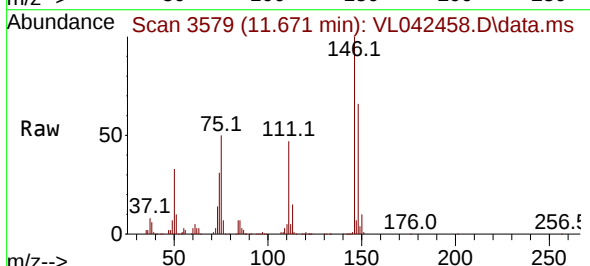
Tgt Ion:146 Resp: 157966

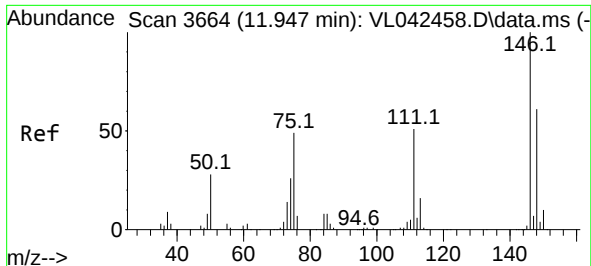
Ion Ratio Lower Upper

146 100

111 48.8 24.4 73.2

148 64.1 32.0 96.2

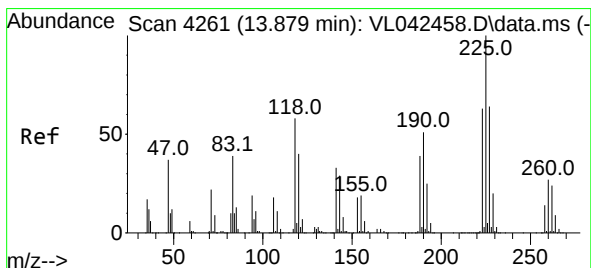
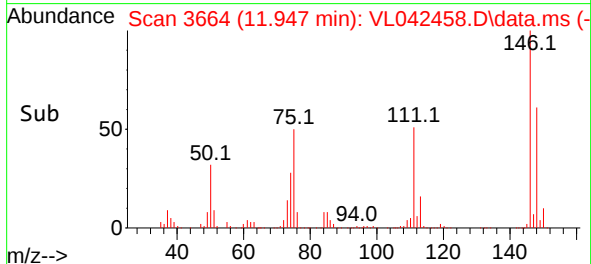
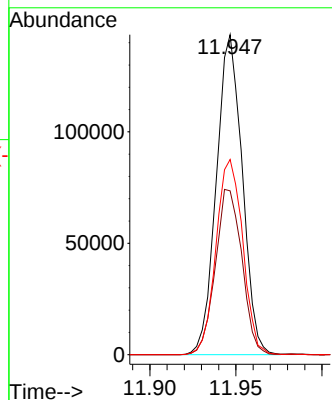
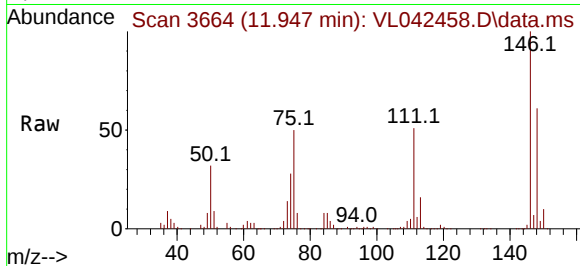




#77
1,2-Dichlorobenzene
Concen: 9.007 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

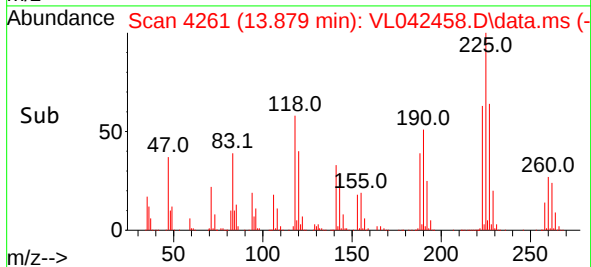
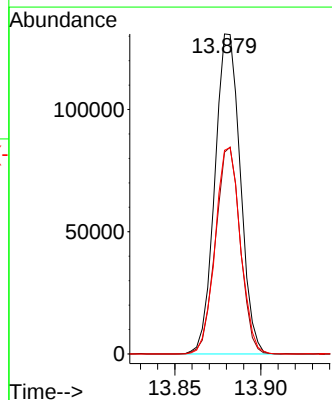
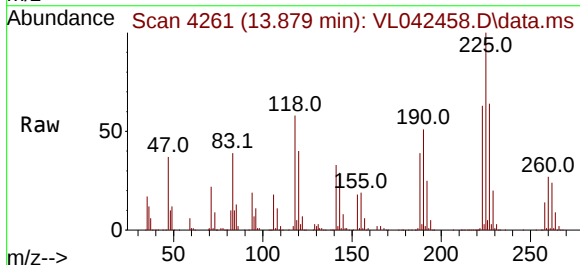
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

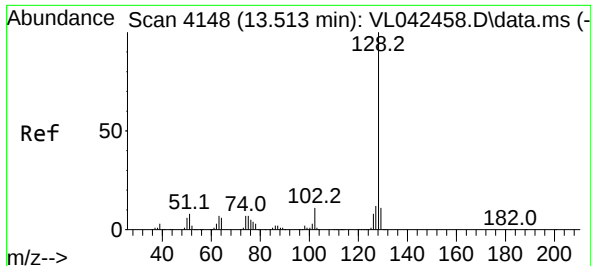
Tgt Ion:146 Resp: 150432
Ion Ratio Lower Upper
146 100
111 53.0 26.5 79.5
148 62.9 31.5 94.5



#78
Hexachloro-1,3-Butadiene
Concen: 8.058 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:225 Resp: 134402
Ion Ratio Lower Upper
225 100
223 62.8 50.2 75.4
227 64.0 51.2 76.8

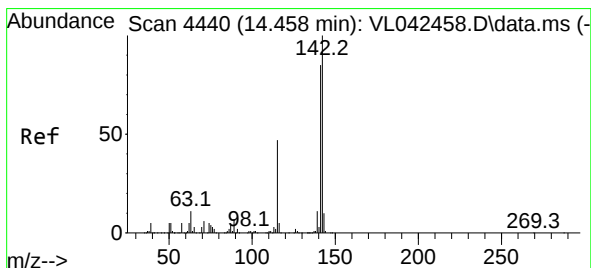
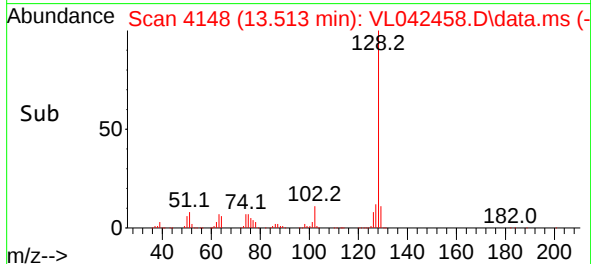
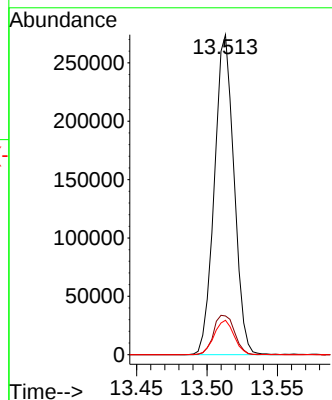
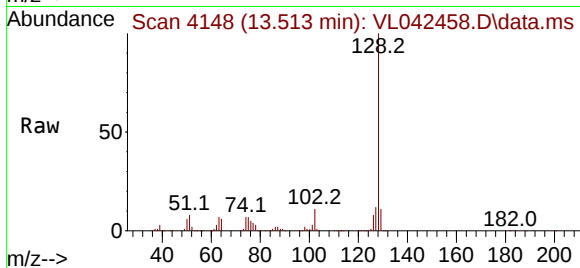




#79
Naphthalene
Concen: 10.352 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

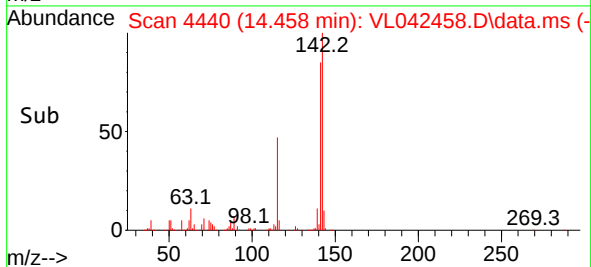
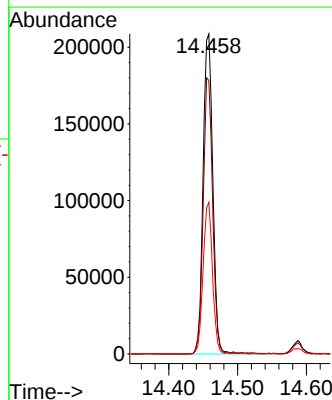
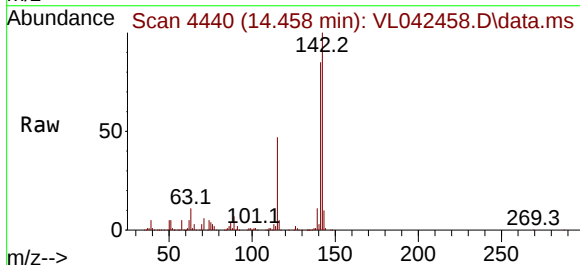
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

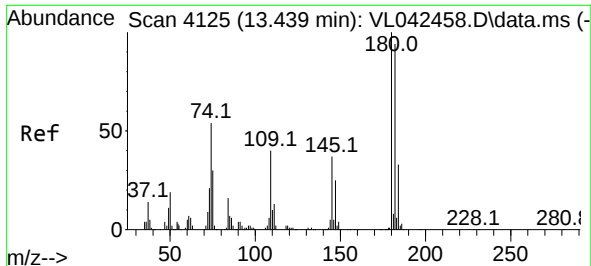
Tgt Ion:128 Resp: 266036
Ion Ratio Lower Upper
128 100
127 12.1 9.7 14.5
129 10.8 8.6 13.0



#80
Naphthalene,2-methyl-
Concen: 10.641 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042458.D
Acq: 01 May 2025 09:03

Tgt Ion:142 Resp: 204042
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.0
115 46.4 36.9 55.3





#81

1,2,4-Trichlorobenzene

Concen: 9.844 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042458.D

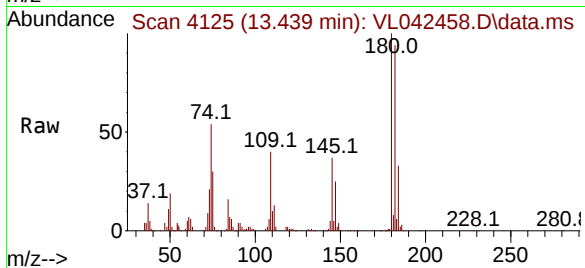
Acq: 01 May 2025 09:03

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 135473

Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

184 31.1 24.9 37.3

