

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042843.D
 Acq On : 13 Aug 2025 09:06
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Aug 14 01:46:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 01:44:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	130555	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	408144	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	363830	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	270774	9.923	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	39443	2.061	ppbv	99
3) Chlorodifluoromethane	1.480	51	44759	2.114	ppbv	96
4) Chloromethane	1.535	50	15826	2.050	ppbv	99
5) Vinyl Chloride	1.583	62	14358	1.888	ppbv	97
6) Bromomethane	1.670	94	6248	2.055	ppbv	97
7) Chloroethane	1.706	64	5717	1.925	ppbv	94
8) Dichlorotetrafluoroethane	1.557	85	32496	2.075	ppbv	98
9) Propene	1.486	41	18678	2.045	ppbv	89
10) Heptane	4.991	43	50062	2.050	ppbv	97
11) Trichlorofluoromethane	1.881	101	38308	2.029	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.146	101	31052	2.064	ppbv	99
13) Ethanol	1.725	45	2277	2.516	ppbv	93
14) Bromoethene	1.784	108	11376	2.089	ppbv	96
15) Acetone	1.839	43	38531	2.231	ppbv	96
16) 1,3-Butadiene	1.612	39	15122	1.932	ppbv	98
17) tert-Butyl alcohol	2.046	59	40652	1.985	ppbv	97
18) 1,1-Dichloroethene	2.039	96	13883	2.099	ppbv	95
19) Isopropyl Alcohol	1.891	45	20866	2.023	ppbv #	39
20) Methylene Chloride	2.065	84	14204	1.963	ppbv #	92
21) Allyl Chloride	2.101	41	24662	2.021	ppbv	96
22) trans-1,2-Dichloroethene	2.344	96	15773	2.132	ppbv	96
23) Vinyl Acetate	2.467	43	48269	2.125	ppbv #	98
24) 1,1-Dichloroethane	2.415	63	30931	2.024	ppbv	98
25) Ethyl Acetate	2.842	43	86804	2.077	ppbv	98
26) Hexane	2.832	57	39735	2.060	ppbv	94
27) Carbon Disulfide	2.156	76	39466	2.102	ppbv #	15
28) Methyl tert-Butyl Ether	2.444	73	21341	2.169	ppbv	96
29) Chloroform	2.855	83	56553	2.053	ppbv	95
30) Cyclohexane	3.868	84	34992	2.069	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	39783	2.062	ppbv	95
32) 1,1,1-Trichloroethane	3.376	97	57837	1.983	ppbv	100
34) 2-Butanone	2.564	43	57172	2.075	ppbv	98
35) Carbon Tetrachloride	3.771	117	56459	2.007	ppbv	97
36) Benzene	3.664	78	80781	2.067	ppbv	98
37) 1,2-Dichloroethane	3.227	62	41034	2.010	ppbv	97
38) Trichloroethene	4.561	130	36990	2.072	ppbv #	86
39) 1,2-Dichloropropane	4.328	63	29059	2.036	ppbv	98
40) 1,4-Dioxane	4.606	88	11947	1.788	ppbv #	74
41) Tetrahydrofuran	3.062	42	31994	2.082	ppbv	97
42) Bromodichloromethane	4.503	83	63436	2.085	ppbv	97
43) Methyl Methacrylate	4.888	69	16511	1.030	ppbv #	1
44) 2,2,4-Trimethylpentane	4.655	57	136794	2.085	ppbv	98
45) t-1,3-Dichloropropene	6.428	75	37248	2.048	ppbv	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042843.D
 Acq On : 13 Aug 2025 09:06
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

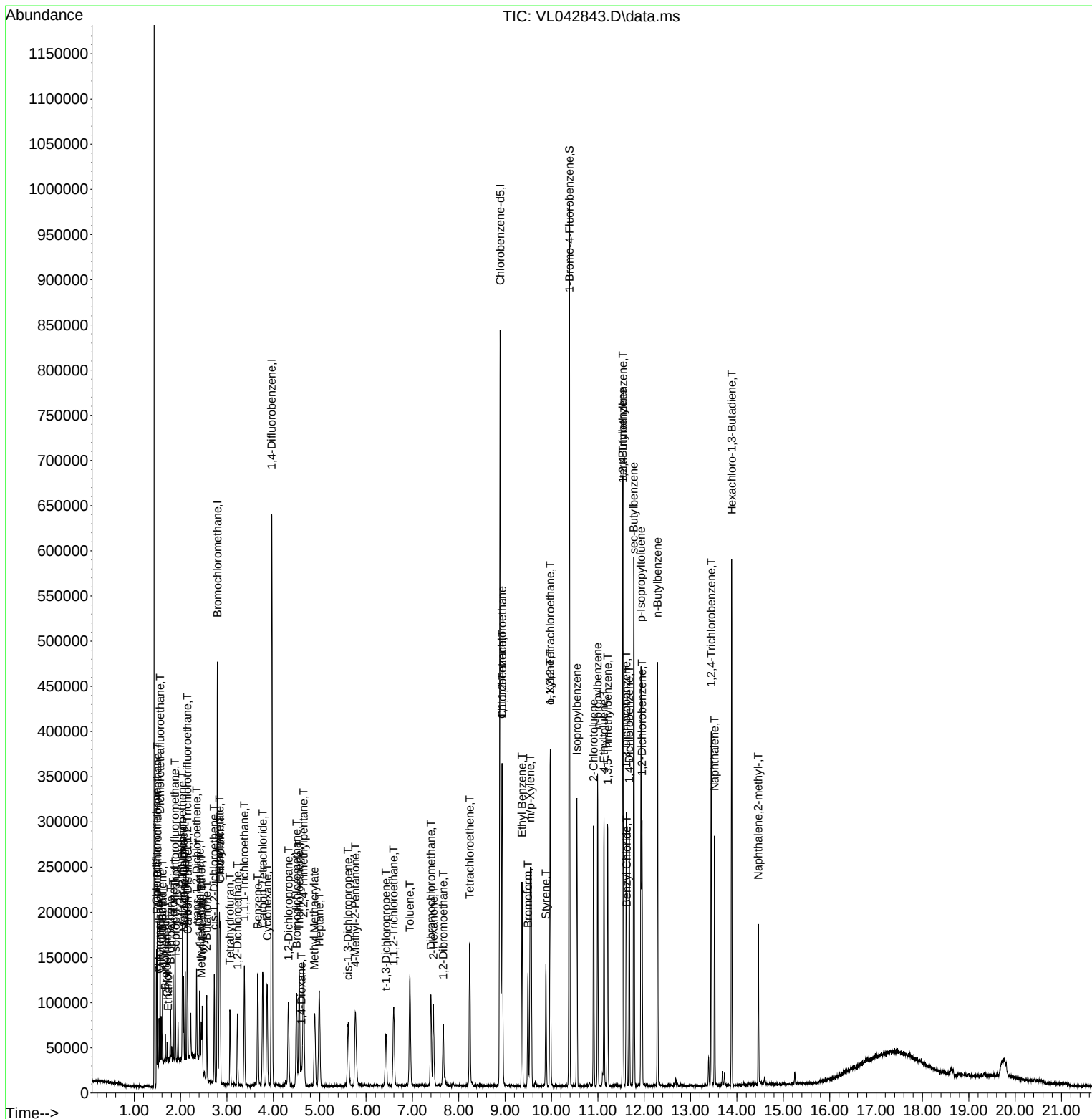
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

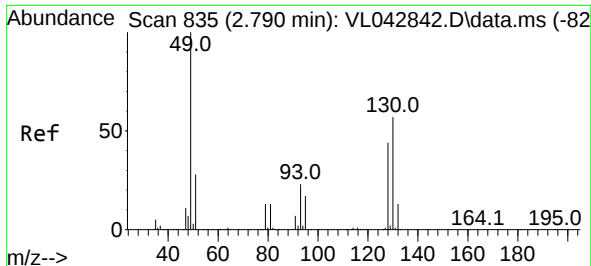
Quant Time: Aug 14 01:46:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Aug 14 01:44:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	26940	1.180	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	22158	1.466	ppbv	91
48) Dibromochloromethane	7.399	129	51620	2.109	ppbv	100
49) Bromoform	9.493	173	43662	2.163	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	77225	2.066	ppbv	99
51) 2-Hexanone	7.451	43	61210	2.088	ppbv #	98
52) Tetrachloroethene	8.234	164	28166	1.990	ppbv	92
53) Toluene	6.946	91	94690	2.036	ppbv	98
54) 1,2-Dibromoethane	7.665	107	45071	2.039	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.933	131	40090	2.131	ppbv	97
57) Chlorobenzene	8.933	112	72296	2.090	ppbv	97
58) Ethyl Benzene	9.364	91	133719	2.083	ppbv	99
59) m/p-Xylene	9.542	91	100699	1.998	ppbv #	100
60) o-Xylene	9.972	91	105125	2.077	ppbv	100
61) Styrene	9.879	104	48027	2.025	ppbv	96
62) Isopropylbenzene	10.545	105	155223	2.098	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	56139	2.031	ppbv	98
64) n-propylbenzene	10.995	120	39922	2.115	ppbv	97
65) tert-Butylbenzene	11.536	119	139019	2.132	ppbv	99
66) Benzyl Chloride	11.623	91	17893	2.161	ppbv	97
67) sec-Butylbenzene	11.772	105	196899	2.151	ppbv	98
69) p-Isopropyltoluene	11.931	119	169429	2.156	ppbv	99
70) n-Butylbenzene	12.287	91	169768	2.178	ppbv	99
71) 2-Chlorotoluene	10.908	91	119382	2.078	ppbv	99
72) 4-Ethyltoluene	11.131	105	129786	2.115	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	110043	2.109	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	123554	2.157	ppbv	97
75) 1,3-Dichlorobenzene	11.613	146	70330	2.160	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	71160	2.161	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	68944	2.162	ppbv	98
78) Hexachloro-1,3-Butadiene	13.886	225	58509	2.239	ppbv	100
79) Naphthalene	13.517	128	127025	2.478	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	51541	2.670	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	62216	2.384	ppbv	98

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

Quant Time: Aug 14 01:46:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Aug 14 01:44:36 2025
Response via : Initial Calibration

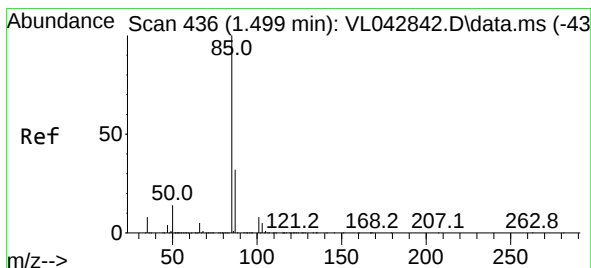
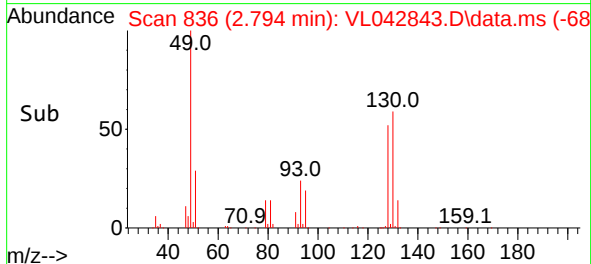
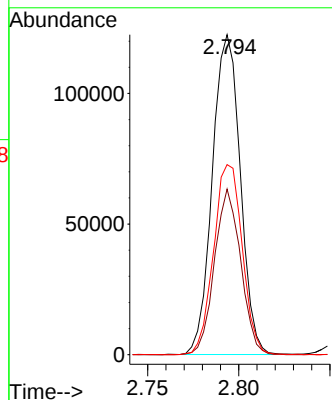
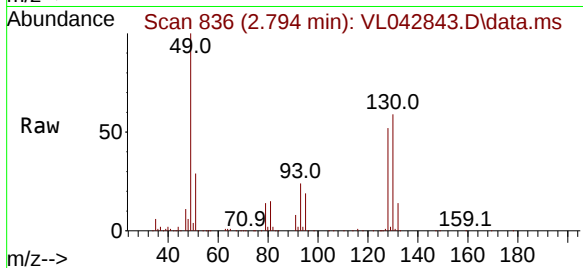




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.794 min Scan# 81
 Delta R.T. 0.004 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

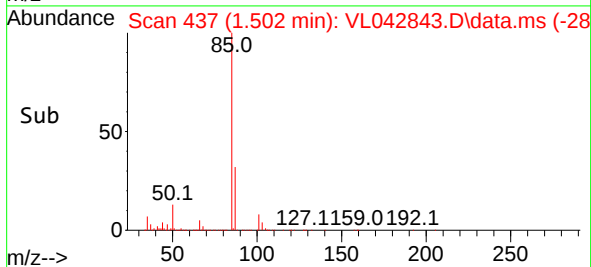
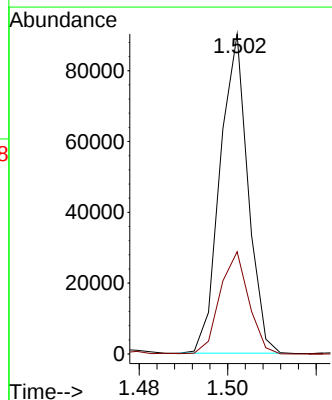
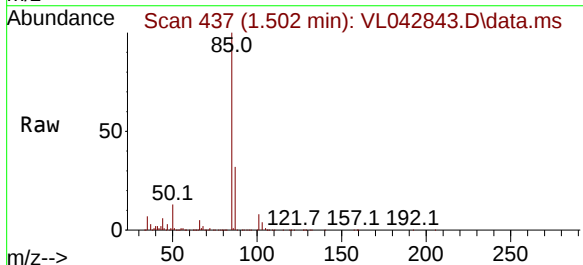
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

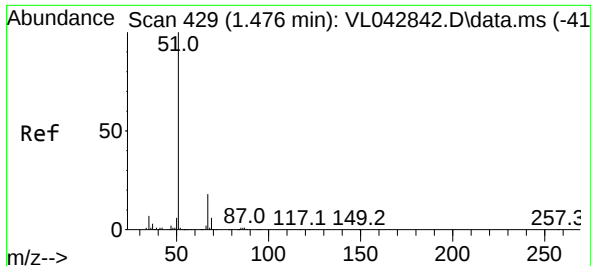
Tgt Ion: 49 Resp: 130555
 Ion Ratio Lower Upper
 49 100
 128 48.7 23.7 71.1
 130 61.3 30.6 91.6



#2
 Dichlorodifluoromethane
 Concen: 2.061 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion: 85 Resp: 39443
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.3 37.9





#3

Chlorodifluoromethane

Concen: 2.114 ppbv

RT: 1.480 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

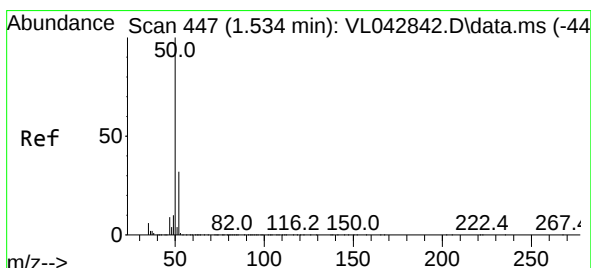
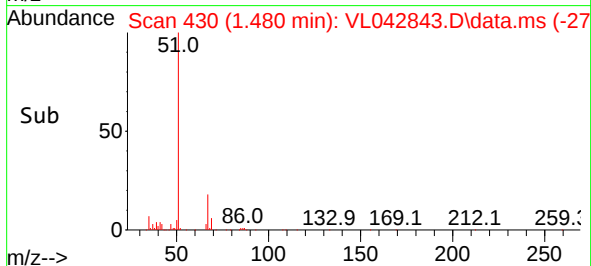
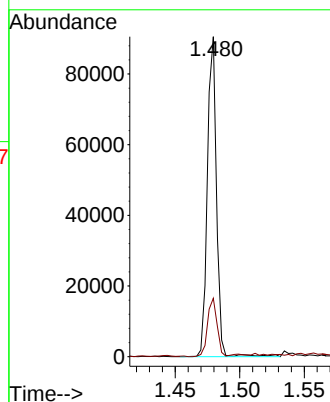
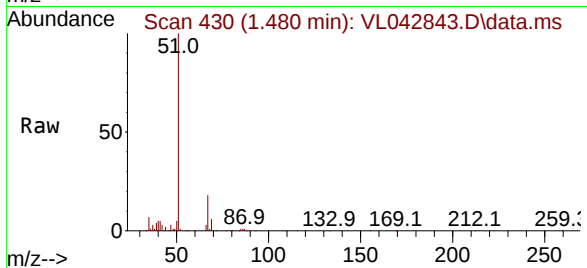
VSTDICC002

Tgt Ion: 51 Resp: 44759

Ion Ratio Lower Upper

51 100

67 20.3 14.9 22.3



#4

Chloromethane

Concen: 2.050 ppbv

RT: 1.535 min Scan# 447

Delta R.T. 0.000 min

Lab File: VL042843.D

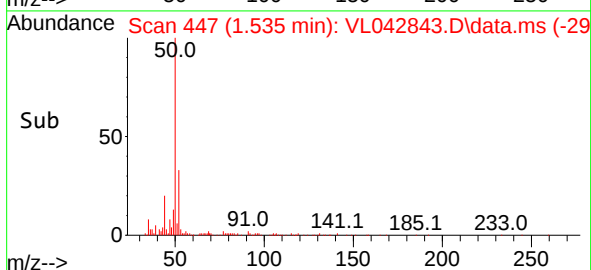
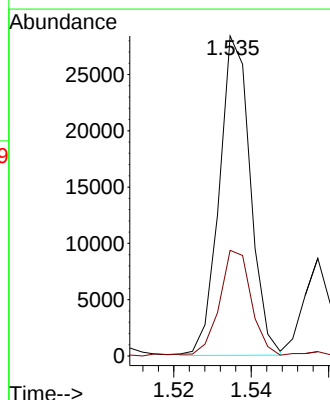
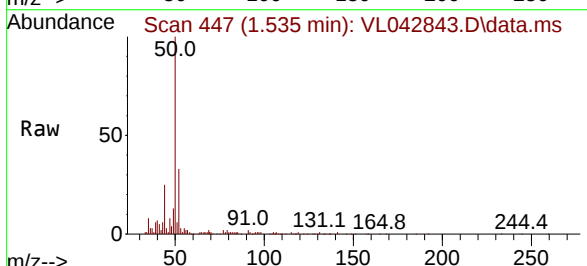
Acq: 13 Aug 2025 09:06

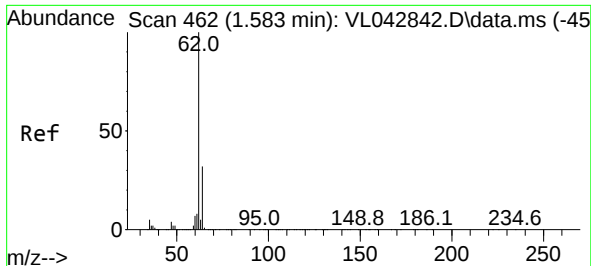
Tgt Ion: 50 Resp: 15826

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9

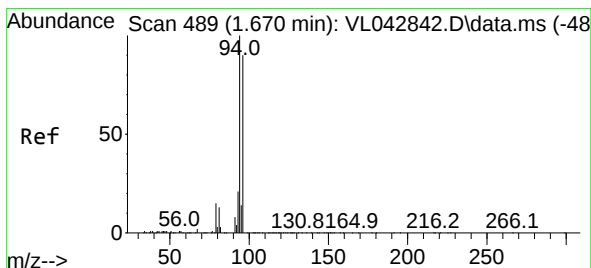
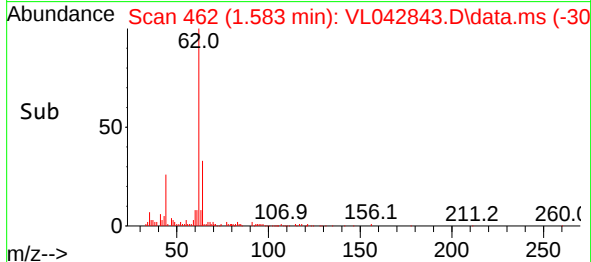
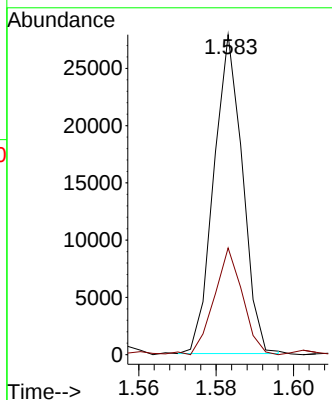
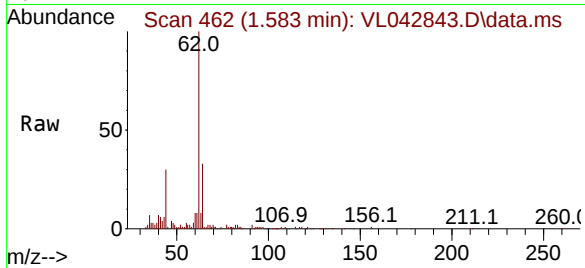




#5
 Vinyl Chloride
 Concen: 1.888 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

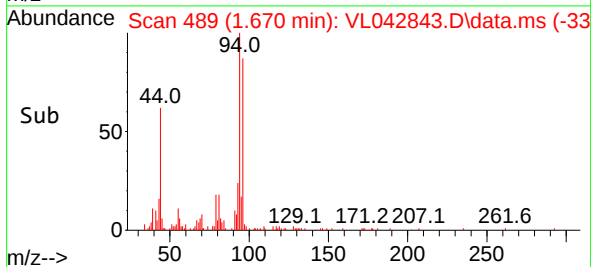
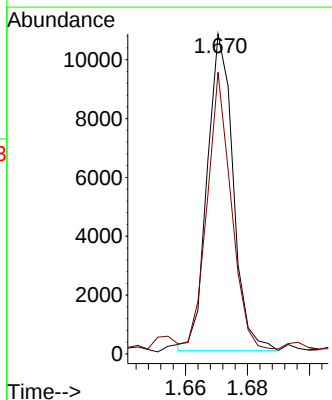
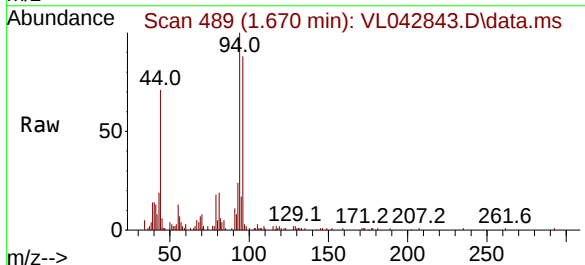
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

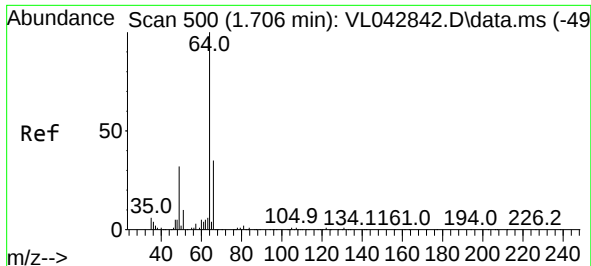
Tgt Ion: 62 Resp: 14358
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.4 38.2



#6
 Bromomethane
 Concen: 2.055 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion: 94 Resp: 6248
 Ion Ratio Lower Upper
 94 100
 96 87.4 72.1 108.1

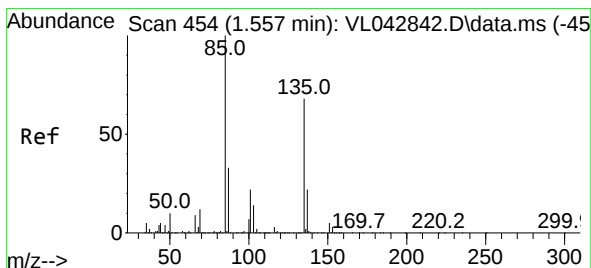
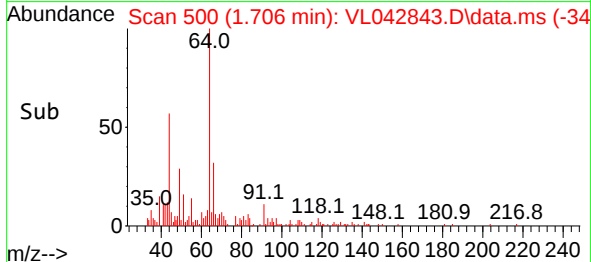
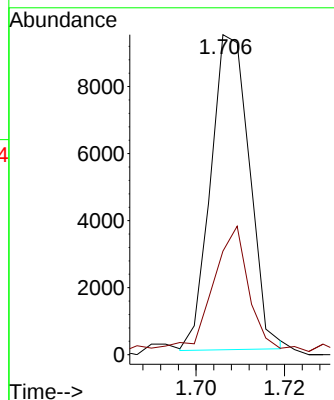
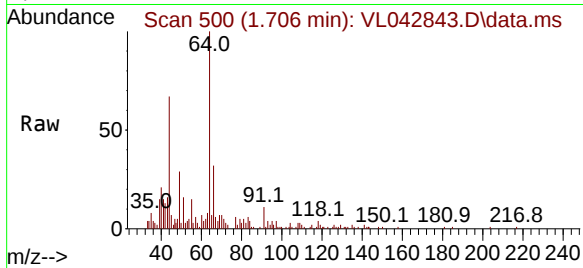




#7
Chloroethane
Concen: 1.925 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

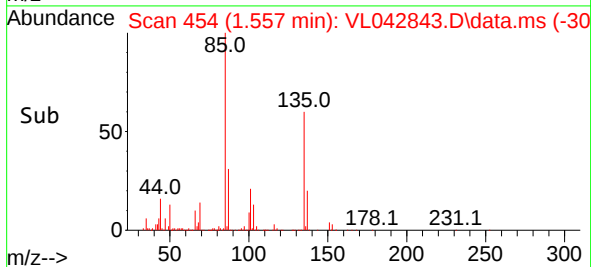
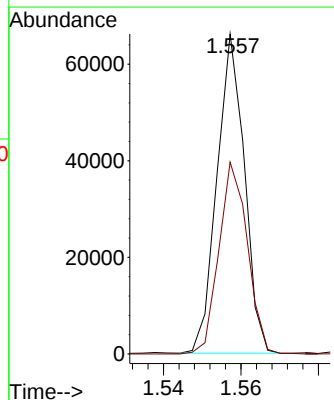
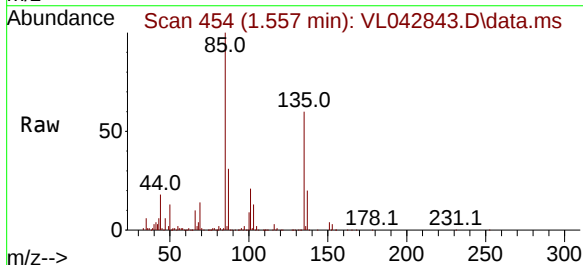
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

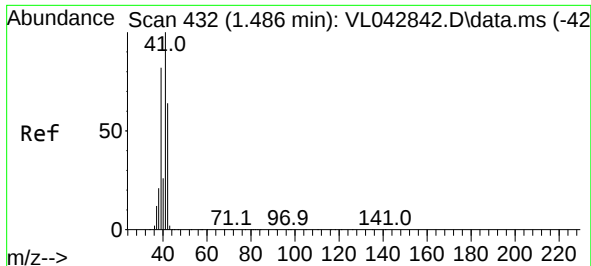
Tgt Ion: 64 Resp: 5717
Ion Ratio Lower Upper
64 100
66 32.3 28.6 42.8



#8
Dichlorotetrafluoroethane
Concen: 2.075 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 85 Resp: 32496
Ion Ratio Lower Upper
85 100
135 62.7 51.2 76.8

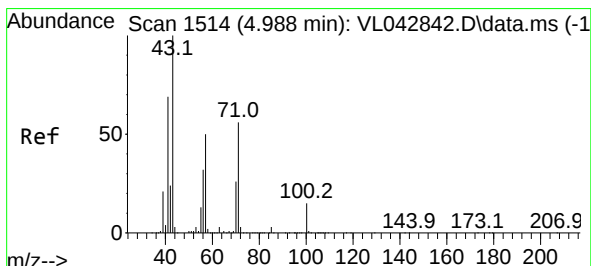
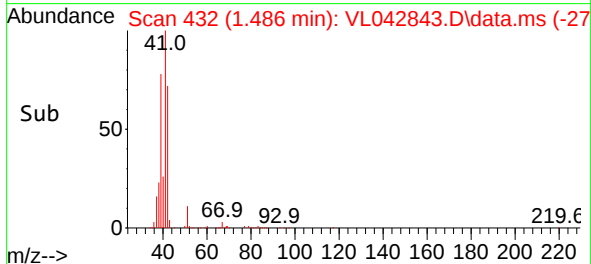
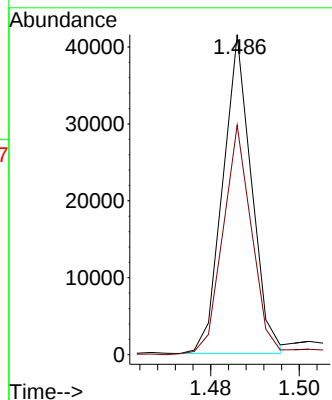
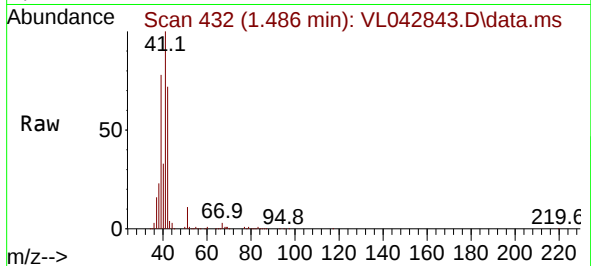




#9
 Propene
 Concen: 2.045 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

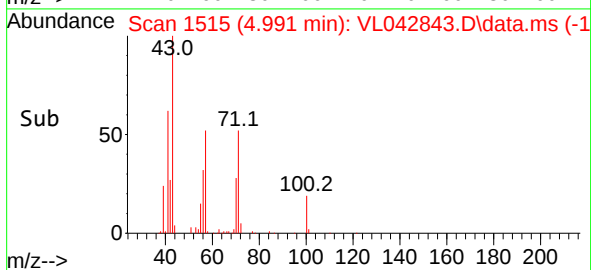
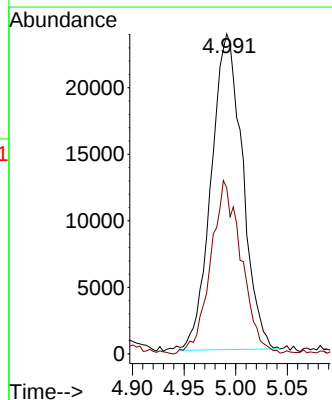
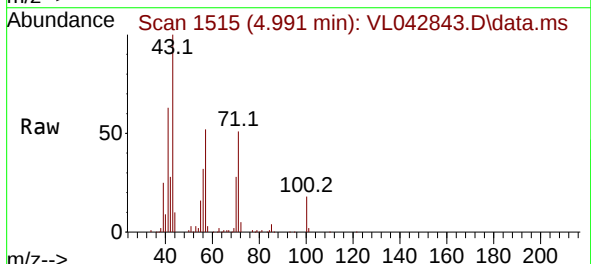
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

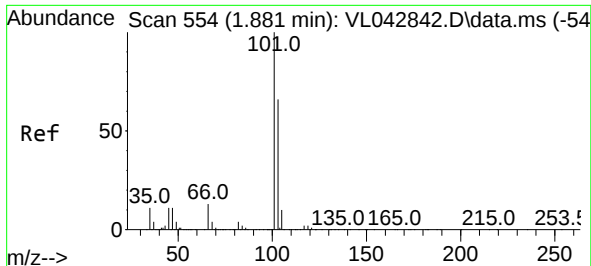
Tgt Ion: 41 Resp: 18678
 Ion Ratio Lower Upper
 41 100
 42 74.8 53.0 79.4



#10
 Heptane
 Concen: 2.050 ppbv
 RT: 4.991 min Scan# 1515
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion: 43 Resp: 50062
 Ion Ratio Lower Upper
 43 100
 57 54.1 41.4 62.0

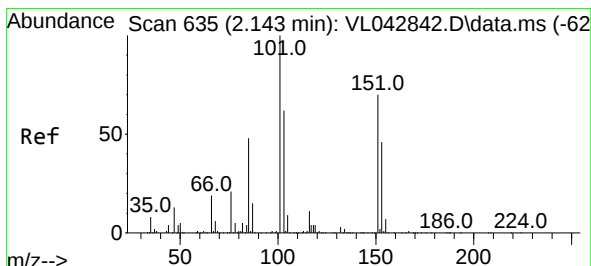
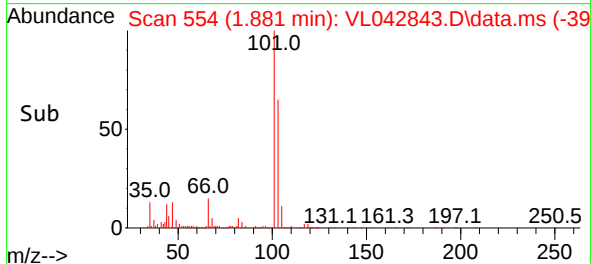
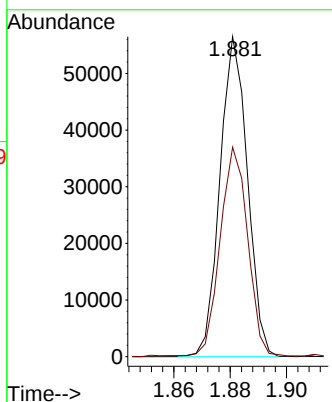
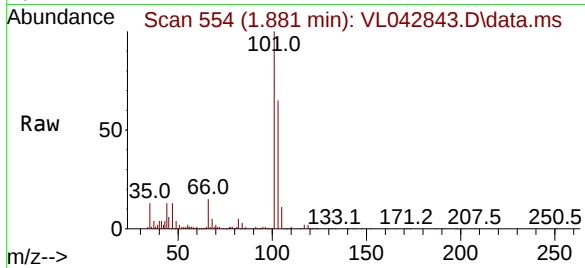




#11
 Trichlorofluoromethane
 Concen: 2.029 ppbv
 RT: 1.881 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

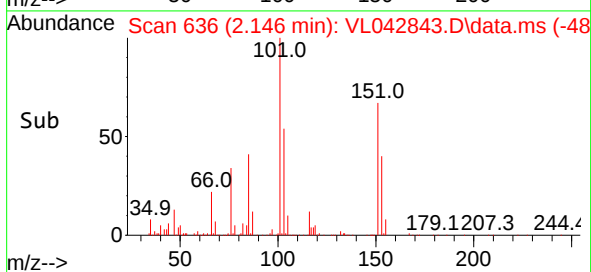
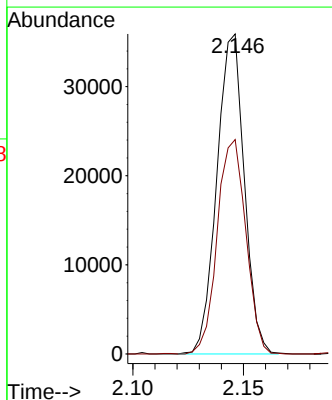
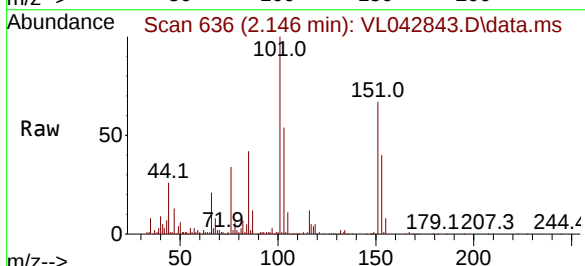
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

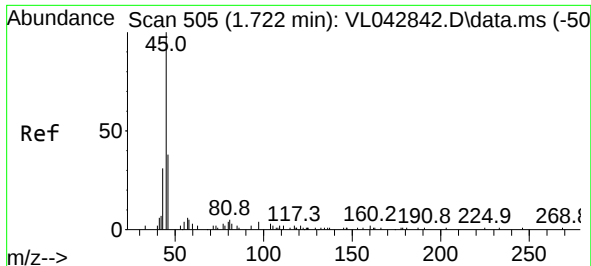
Tgt Ion:101 Resp: 38308
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.064 ppbv
 RT: 2.146 min Scan# 636
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion:101 Resp: 31052
 Ion Ratio Lower Upper
 101 100
 151 69.7 56.4 84.6

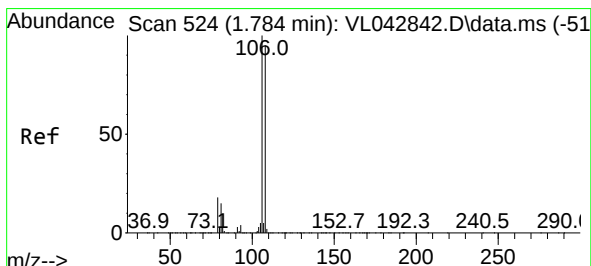
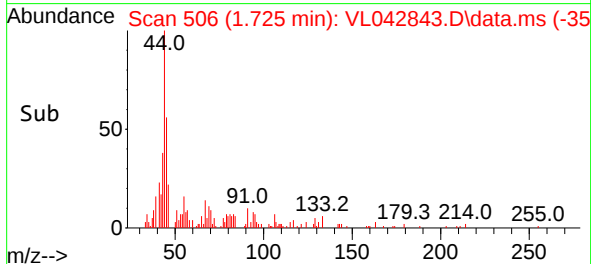
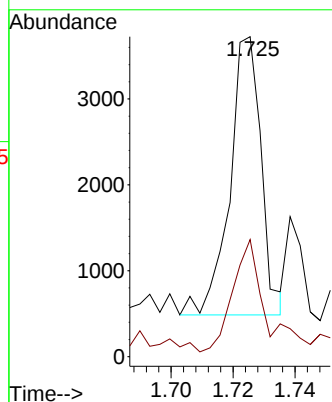
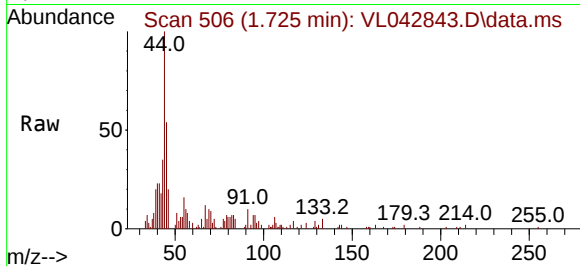




#13
Ethanol
Concen: 2.516 ppbv
RT: 1.725 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

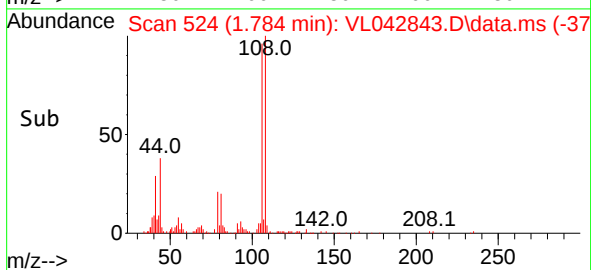
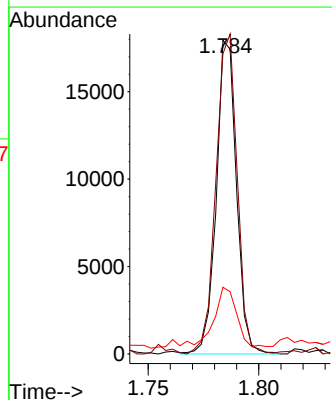
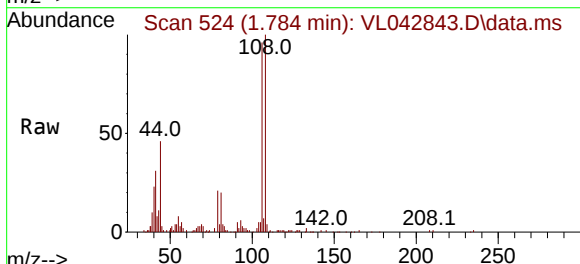
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

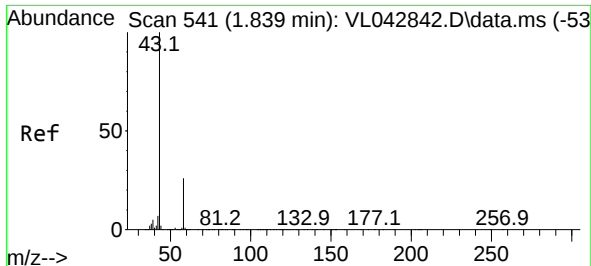
Tgt Ion: 45 Resp: 2277
Ion Ratio Lower Upper
45 100
46 48.3 17.5 69.9



#14
Bromoethene
Concen: 2.089 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 108 Resp: 11376
Ion Ratio Lower Upper
108 100
106 110.8 85.1 127.7
79 22.6 16.3 24.5





#15

Acetone

Concen: 2.231 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

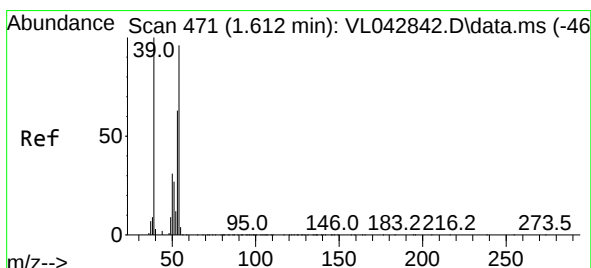
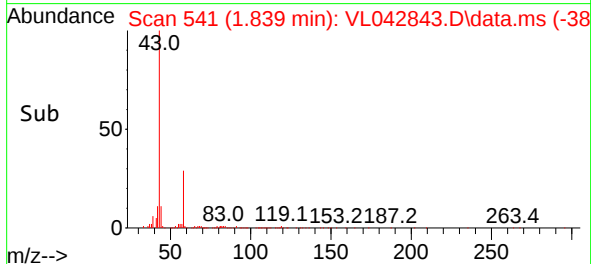
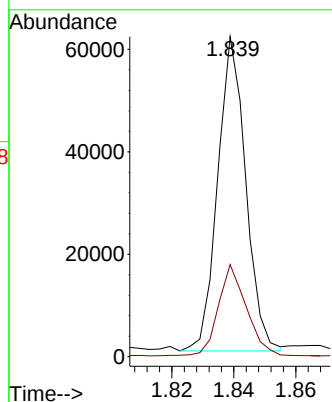
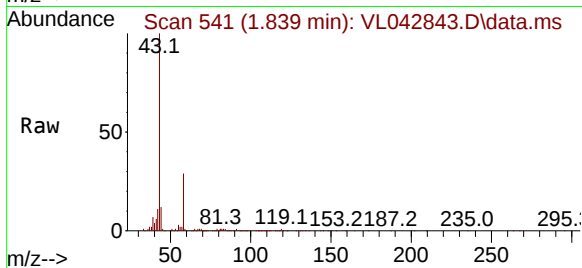
VSTDIC002

Tgt Ion: 43 Resp: 38531

Ion Ratio Lower Upper

43 100

58 30.3 22.4 33.6



#16

1,3-Butadiene

Concen: 1.932 ppbv

RT: 1.612 min Scan# 471

Delta R.T. 0.000 min

Lab File: VL042843.D

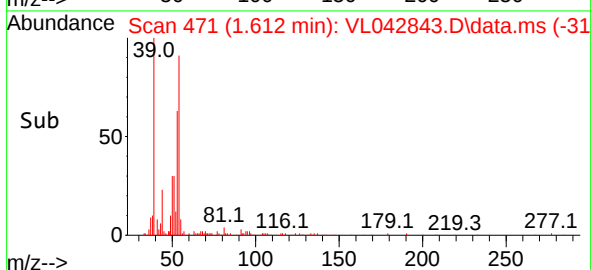
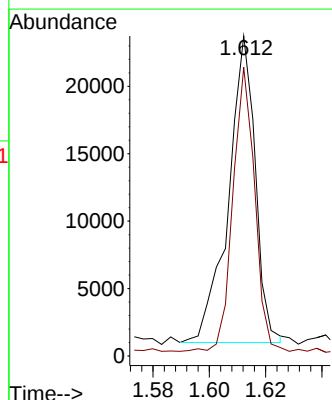
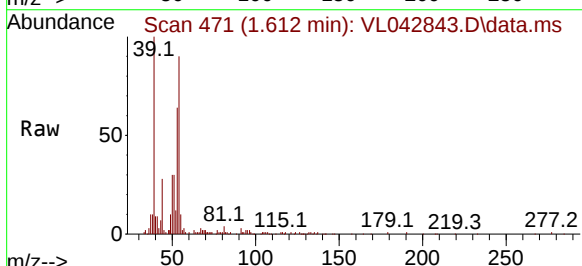
Acq: 13 Aug 2025 09:06

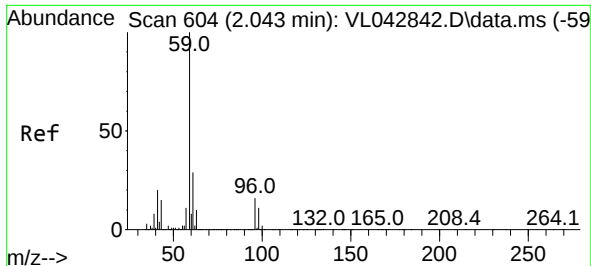
Tgt Ion: 39 Resp: 15122

Ion Ratio Lower Upper

39 100

54 80.8 63.6 95.4





#17

tert-Butyl alcohol

Concen: 1.985 ppbv

RT: 2.046 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_1

ClientSampleId :

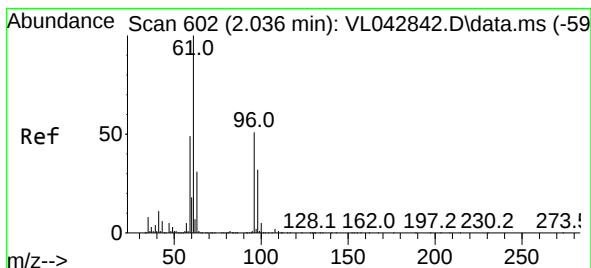
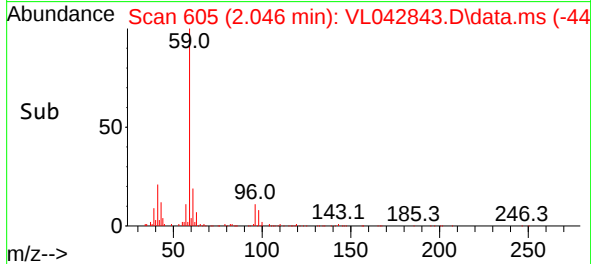
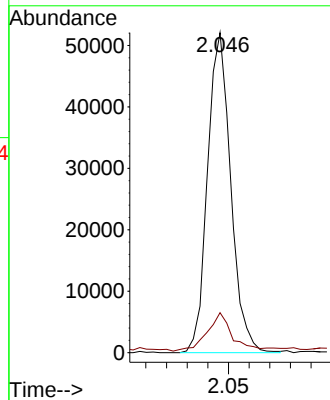
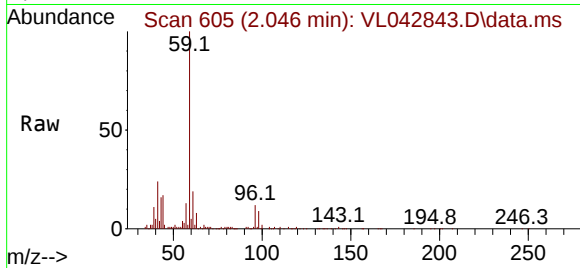
VSTDIC002

Tgt Ion: 59 Resp: 40652

Ion Ratio Lower Upper

59 100

57 12.4 9.0 13.4



#18

1,1-Dichloroethene

Concen: 2.099 ppbv

RT: 2.039 min Scan# 603

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

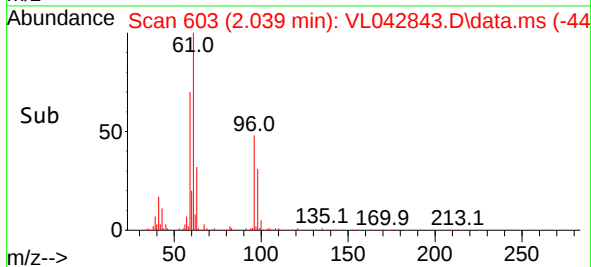
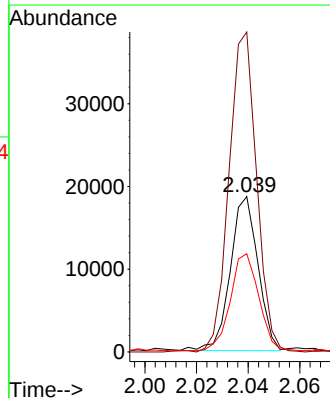
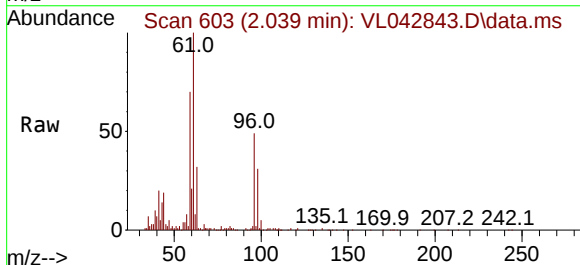
Tgt Ion: 96 Resp: 13883

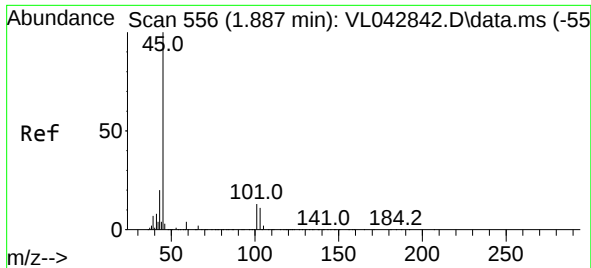
Ion Ratio Lower Upper

96 100

61 207.1 158.2 237.4

98 62.6 50.6 76.0





#19

Isopropyl Alcohol

Concen: 2.023 ppbv

RT: 1.891 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

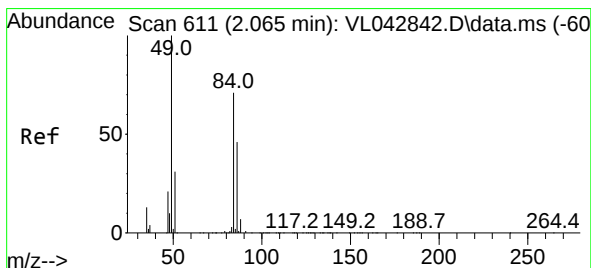
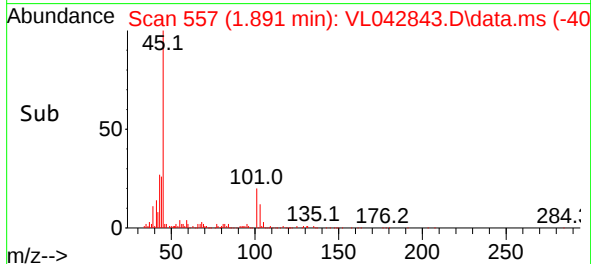
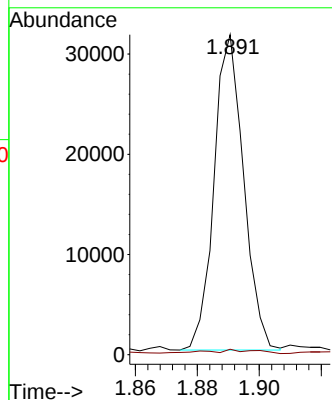
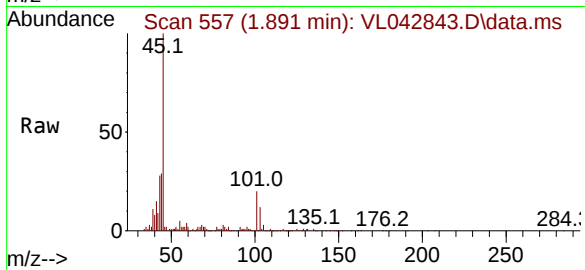
VSTDICC002

Tgt Ion: 45 Resp: 20866

Ion Ratio Lower Upper

45 100

58 3.1 32.7 49.1#



#20

Methylene Chloride

Concen: 1.963 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Tgt Ion: 84 Resp: 14204

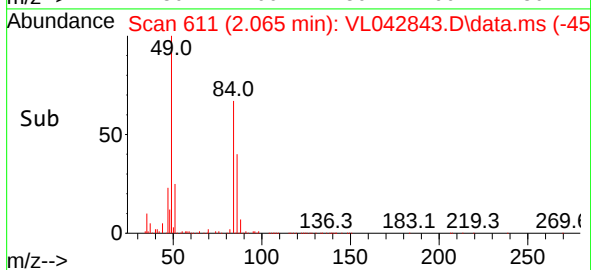
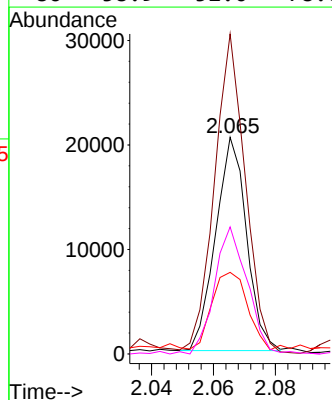
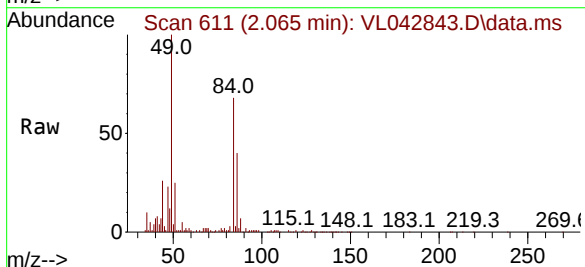
Ion Ratio Lower Upper

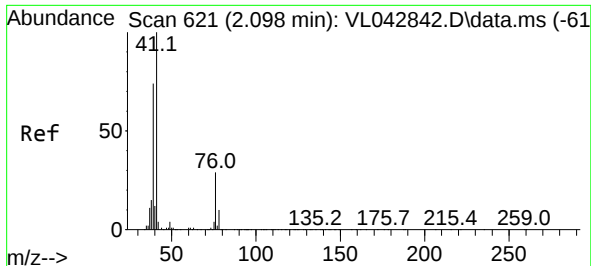
84 100

49 148.1 112.3 168.5

51 35.3 36.0 54.0#

86 58.9 52.0 78.0





#21

Allyl Chloride

Concen: 2.021 ppbv

RT: 2.101 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

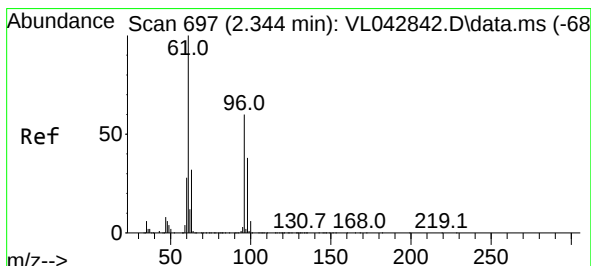
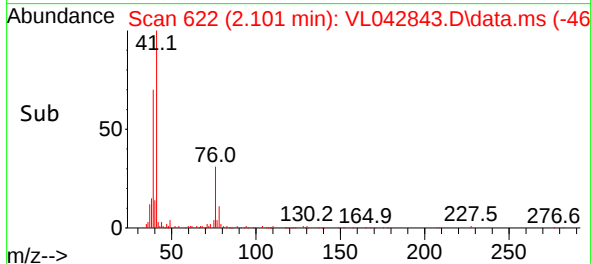
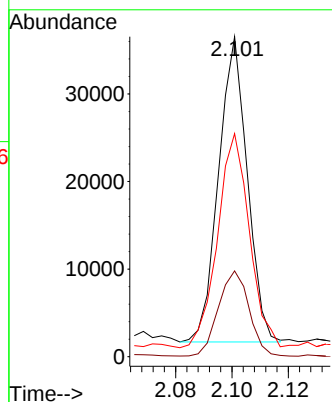
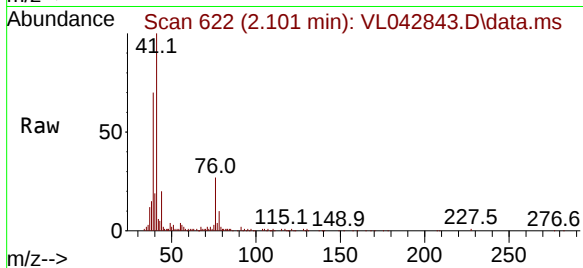
Tgt Ion: 41 Resp: 24662

Ion Ratio Lower Upper

41 100

76 31.2 23.9 35.9

39 76.0 57.8 86.6



#22

trans-1,2-Dichloroethene

Concen: 2.132 ppbv

RT: 2.344 min Scan# 697

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

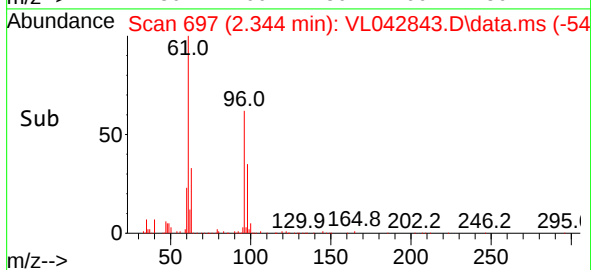
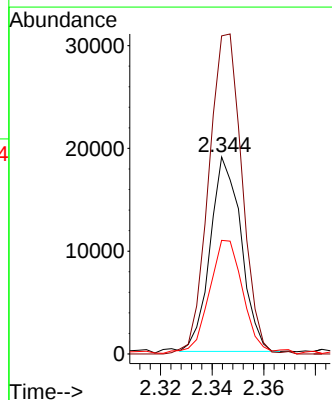
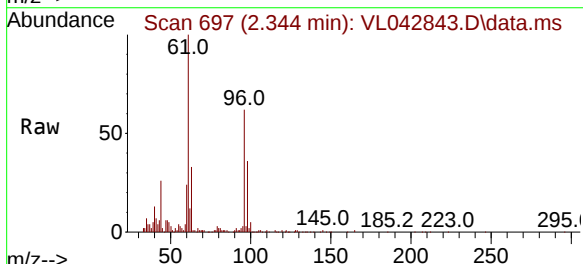
Tgt Ion: 96 Resp: 15773

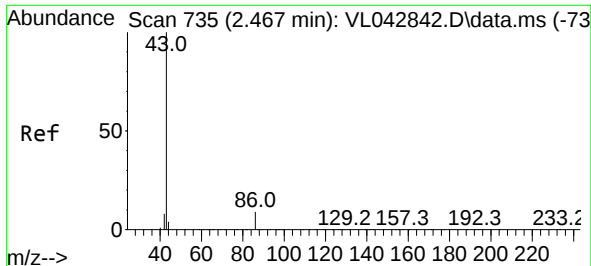
Ion Ratio Lower Upper

96 100

61 162.8 132.6 199.0

98 56.7 50.0 75.0

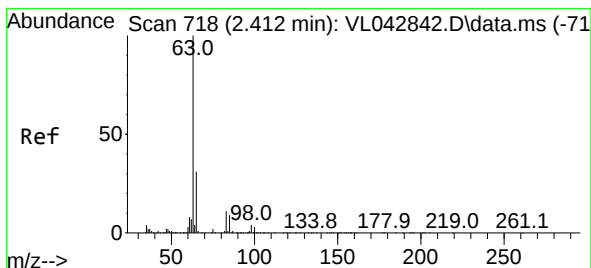
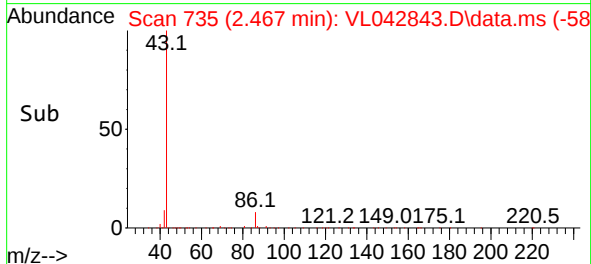
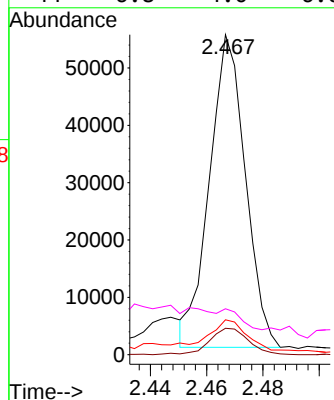
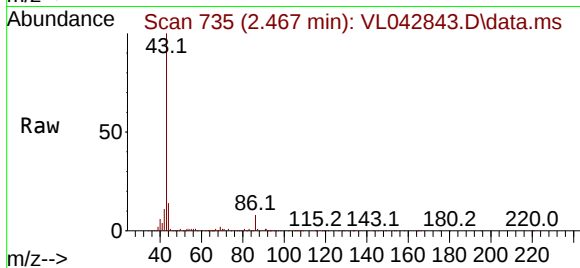




#23
 Vinyl Acetate
 Concen: 2.125 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

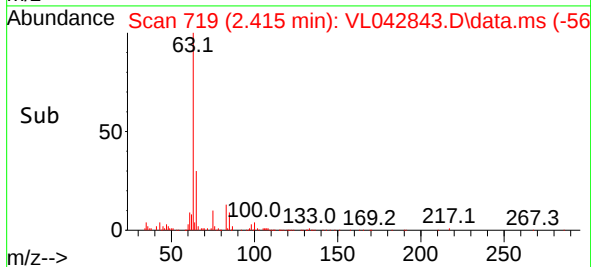
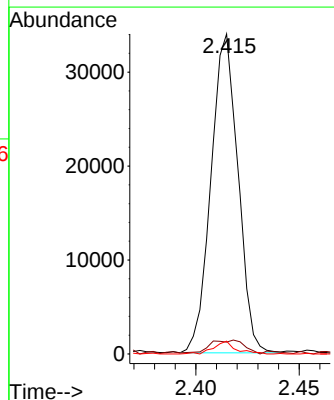
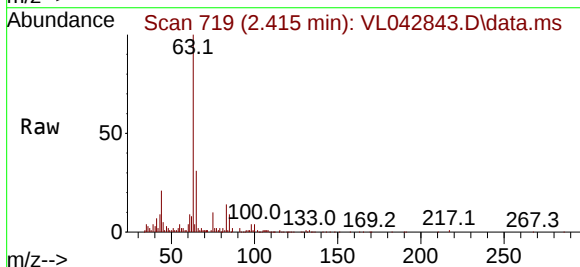
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

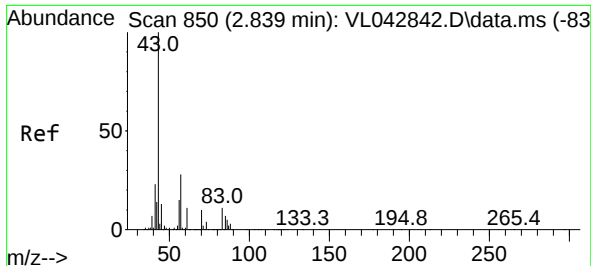
Tgt Ion:	43	Resp:	48269
Ion	Ratio	Lower	Upper
43	100		
86	8.2	6.6	9.8
42	9.7	7.0	10.6
44	6.8	4.0	6.0



#24
 1,1-Dichloroethane
 Concen: 2.024 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion:	63	Resp:	30931
Ion	Ratio	Lower	Upper
63	100		
98	3.4	2.1	6.5
100	4.0	1.7	5.1

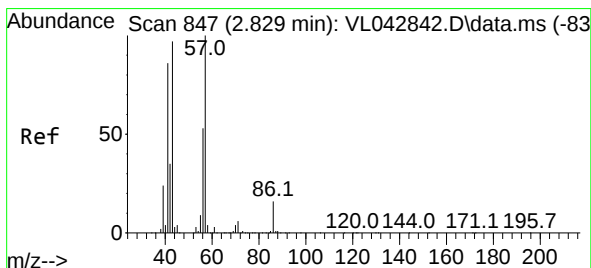
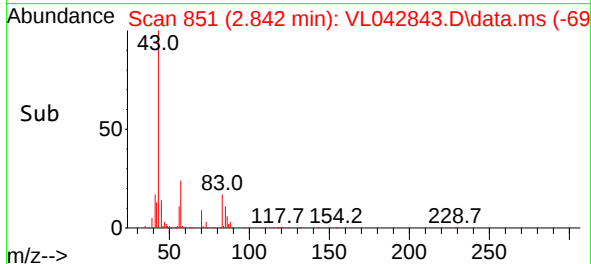
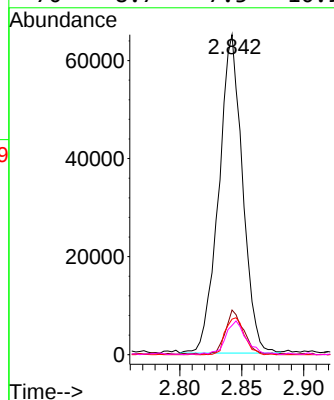
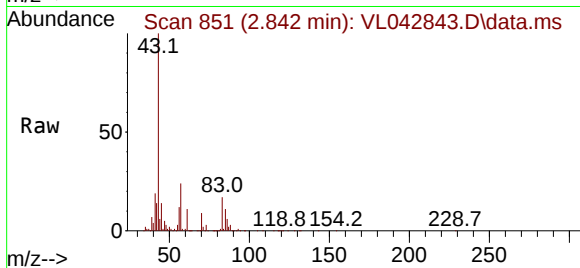




#25
Ethyl Acetate
Concen: 2.077 ppbv
RT: 2.842 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

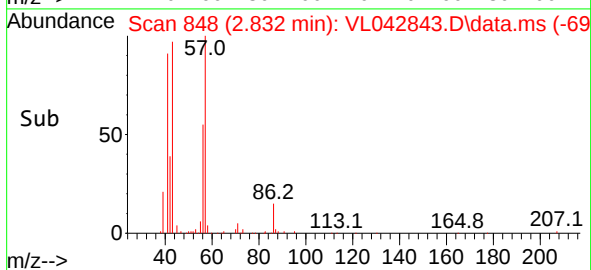
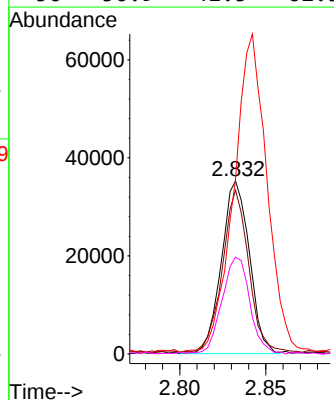
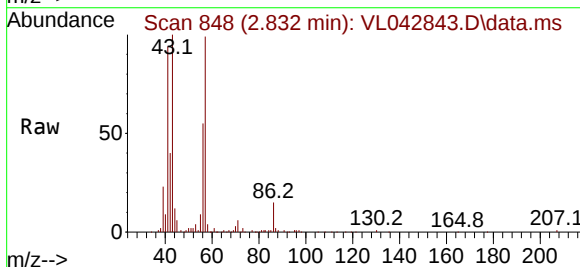
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

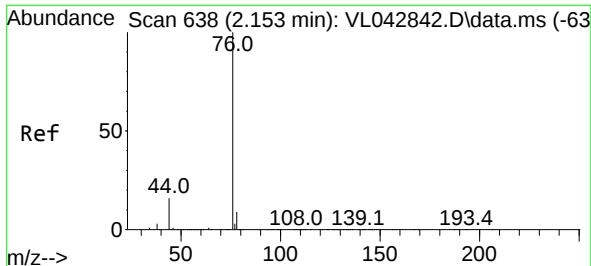
Tgt Ion: 43	Resp: 86804
Ion Ratio	Lower Upper
43 100	
45 11.4	8.1 12.1
61 9.4	7.4 11.2
70 8.7	7.3 10.9



#26
Hexane
Concen: 2.060 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 57	Resp: 39735
Ion Ratio	Lower Upper
57 100	
41 90.3	68.6 103.0
43 219.4	168.5 252.7
56 56.9	41.5 62.3





#27

Carbon Disulfide

Concen: 2.102 ppbv

RT: 2.156 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

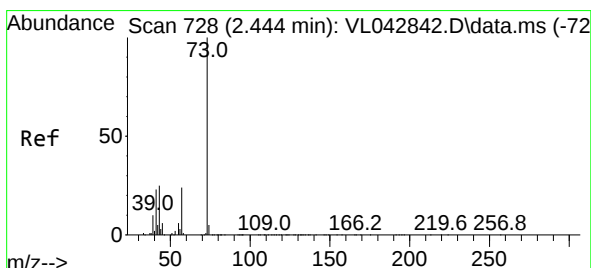
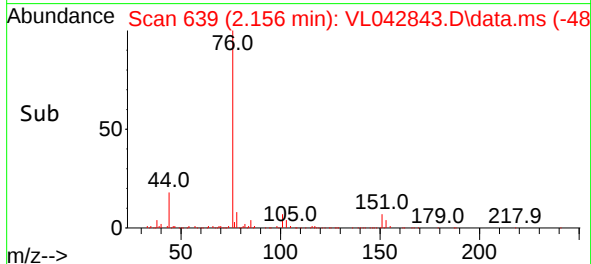
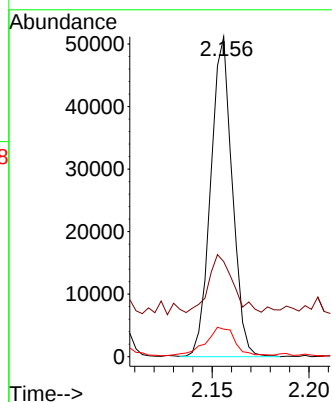
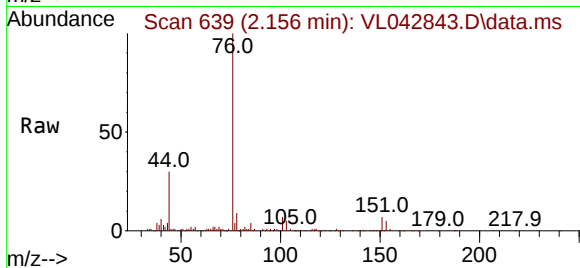
Tgt Ion: 76 Resp: 39466

Ion Ratio Lower Upper

76 100

44 81.0 15.9 23.9#

78 13.8 9.5 14.3



#28

Methyl tert-Butyl Ether

Concen: 2.169 ppbv

RT: 2.444 min Scan# 728

Delta R.T. 0.000 min

Lab File: VL042843.D

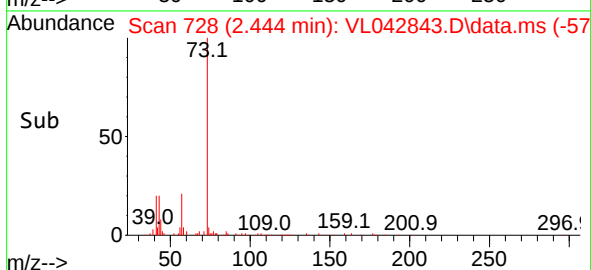
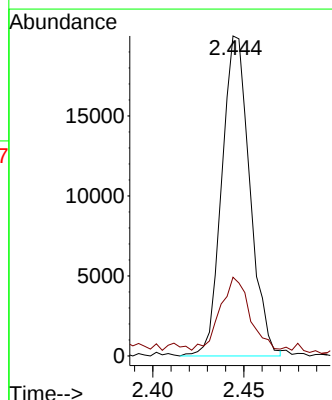
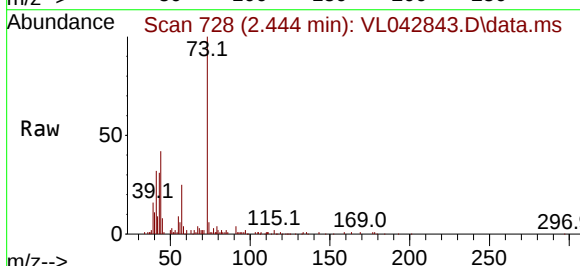
Acq: 13 Aug 2025 09:06

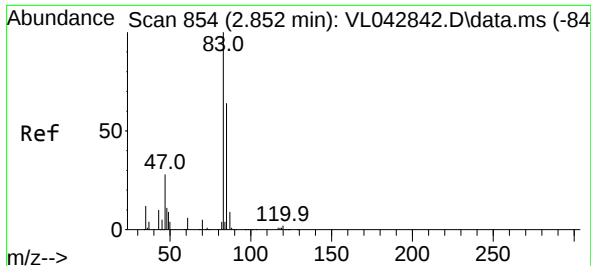
Tgt Ion: 73 Resp: 21341

Ion Ratio Lower Upper

73 100

57 24.8 21.6 32.4

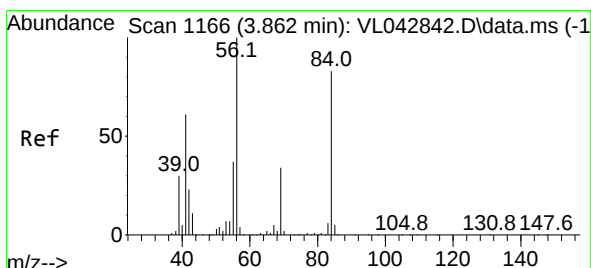
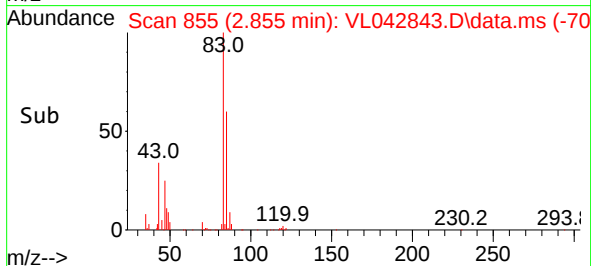
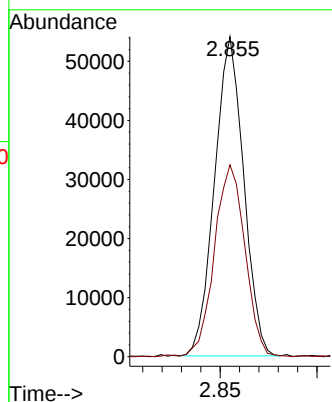
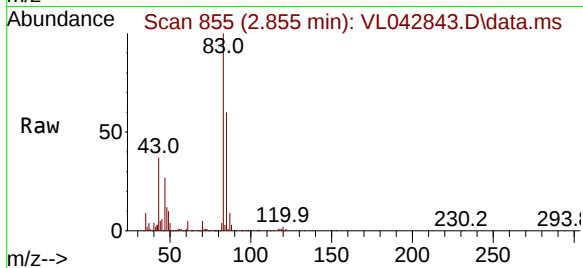




#29
Chloroform
Concen: 2.053 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

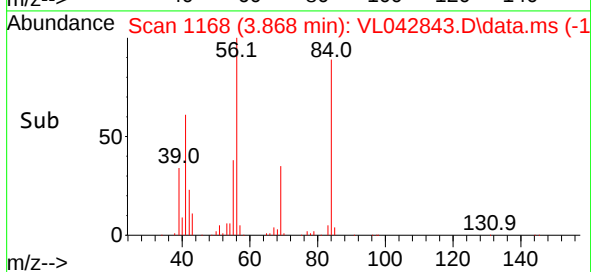
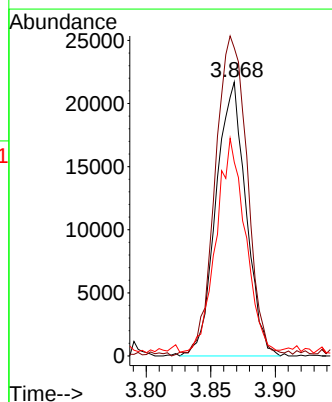
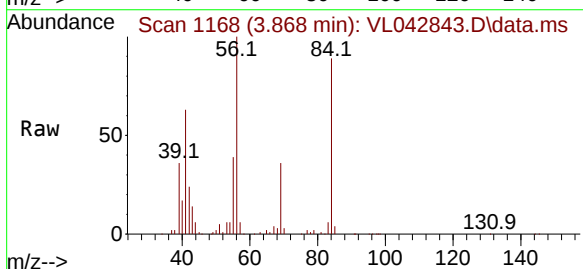
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

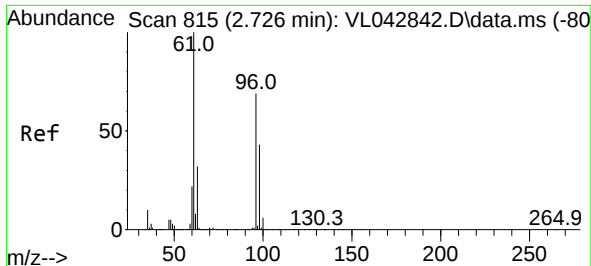
Tgt Ion: 83 Resp: 56553
Ion Ratio Lower Upper
83 100
85 59.9 51.1 76.7



#30
Cyclohexane
Concen: 2.069 ppbv
RT: 3.868 min Scan# 1168
Delta R.T. 0.007 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 84 Resp: 34992
Ion Ratio Lower Upper
84 100
56 123.9 98.8 148.2
41 79.6 61.3 91.9

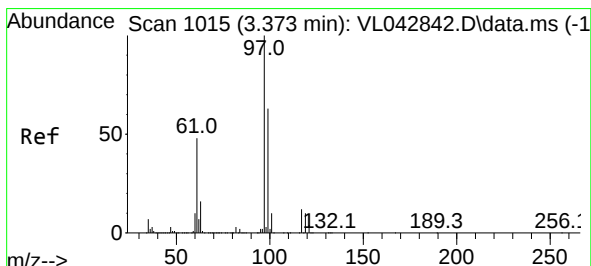
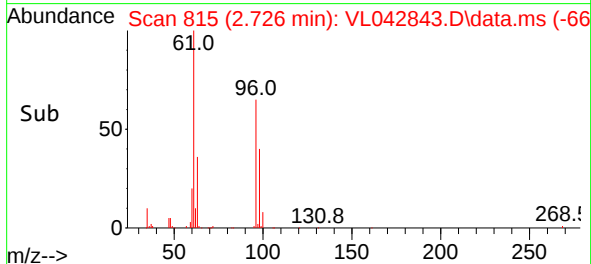
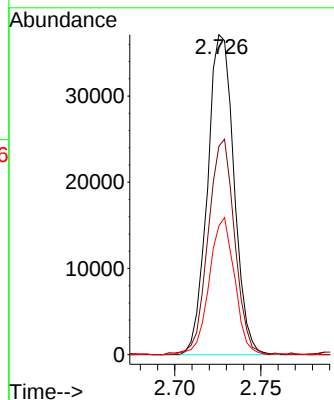
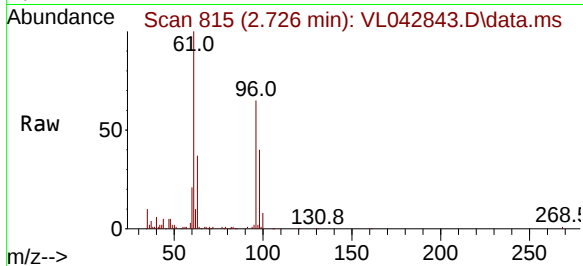




#31
 cis-1,2-Dichloroethene
 Concen: 2.062 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

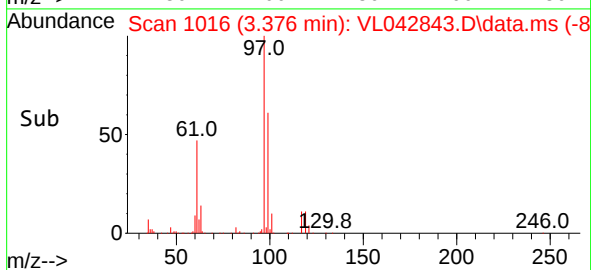
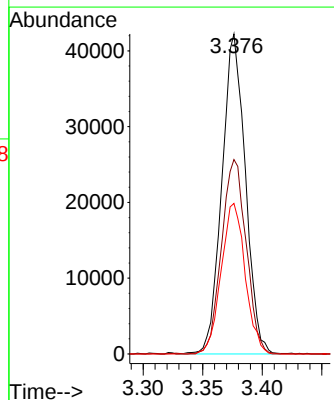
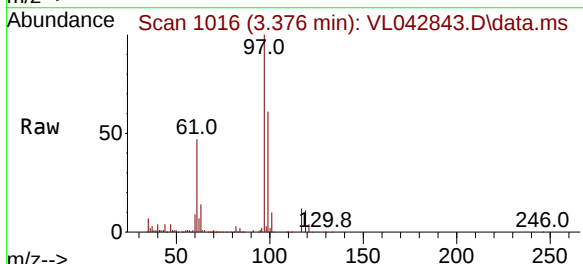
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

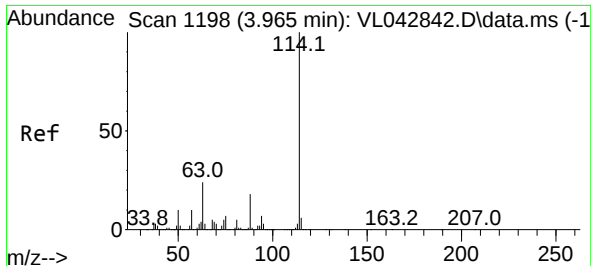
Tgt Ion:	61	Resp:	39783
Ion	Ratio	Lower	Upper
61	100		
96	64.8	55.0	82.6
98	39.9	34.3	51.5



#32
 1,1,1-Trichloroethane
 Concen: 1.983 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion:	97	Resp:	57837
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.6
61	48.1	38.0	57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC002

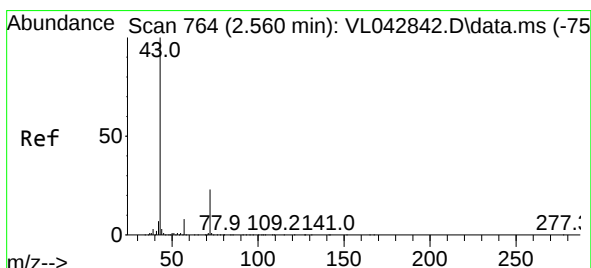
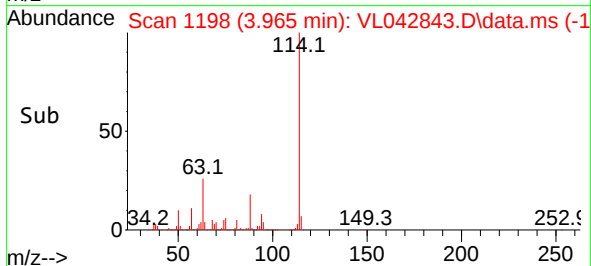
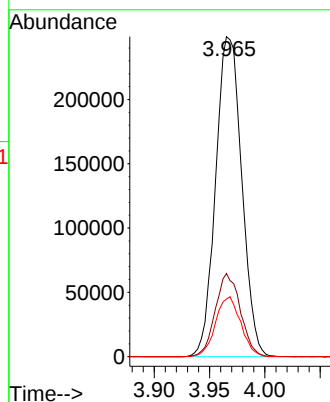
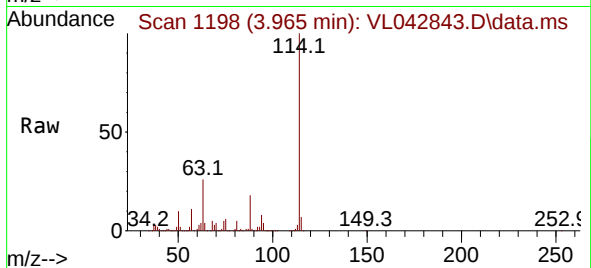
Tgt Ion:114 Resp: 408144

Ion Ratio Lower Upper

114 100

63 25.0 19.7 29.5

88 18.1 14.4 21.6



#34

2-Butanone

Concen: 2.075 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.003 min

Lab File: VL042843.D

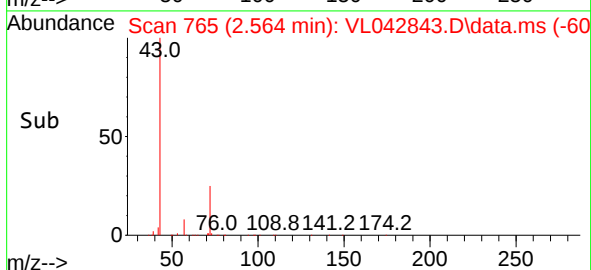
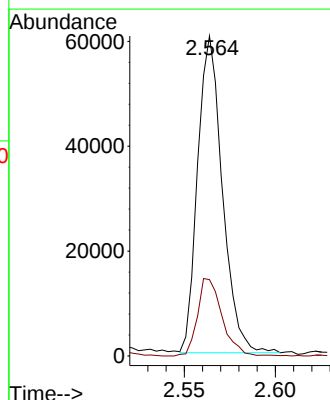
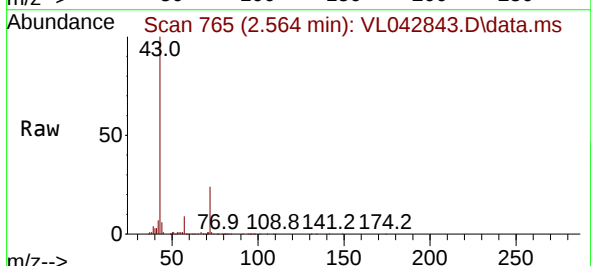
Acq: 13 Aug 2025 09:06

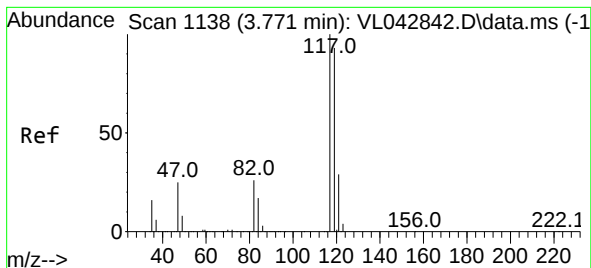
Tgt Ion: 43 Resp: 57172

Ion Ratio Lower Upper

43 100

72 24.3 18.6 28.0





#35

Carbon Tetrachloride

Concen: 2.007 ppbv

RT: 3.771 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

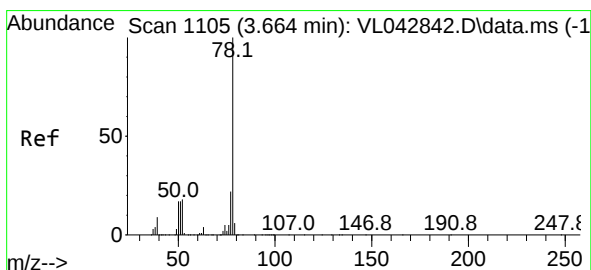
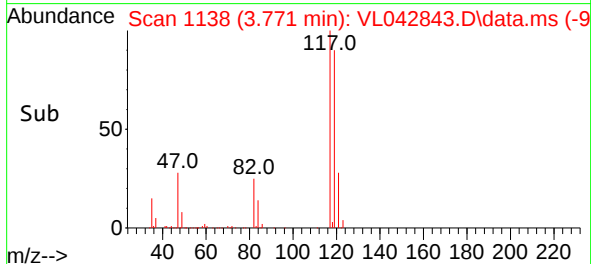
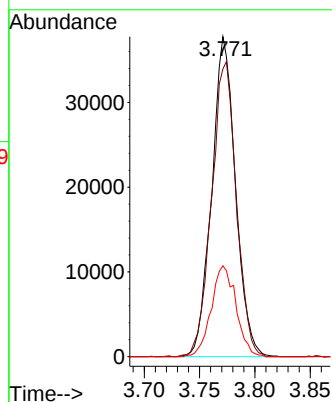
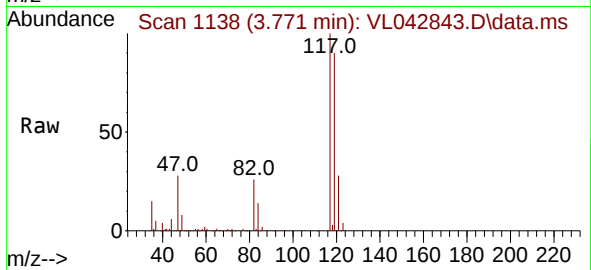
Tgt Ion:117 Resp: 56459

Ion Ratio Lower Upper

117 100

119 89.9 74.7 112.1

121 28.4 23.2 34.8



#36

Benzene

Concen: 2.067 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

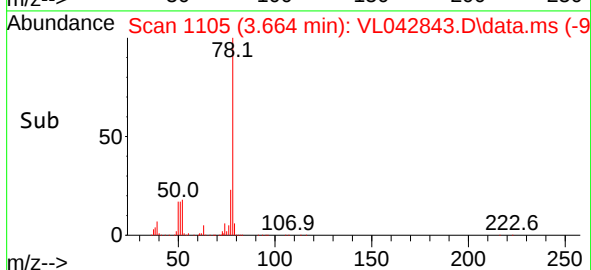
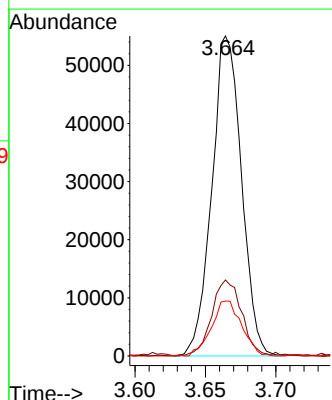
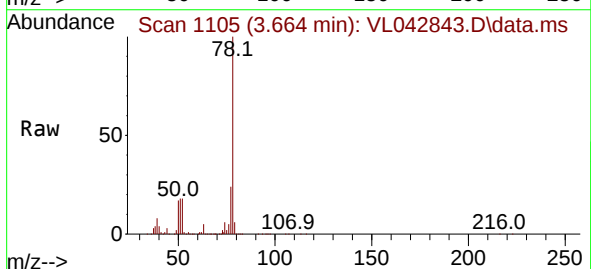
Tgt Ion: 78 Resp: 80781

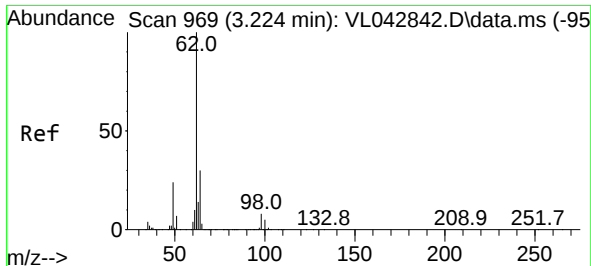
Ion Ratio Lower Upper

78 100

77 23.5 17.7 26.5

50 17.2 13.9 20.9





#37

1,2-Dichloroethane

Concen: 2.010 ppbv

RT: 3.227 min Scan# 91

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

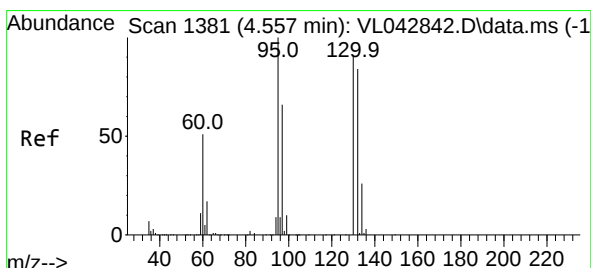
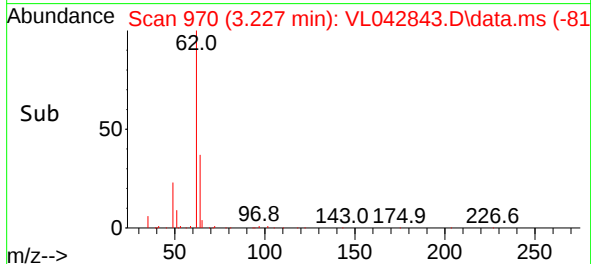
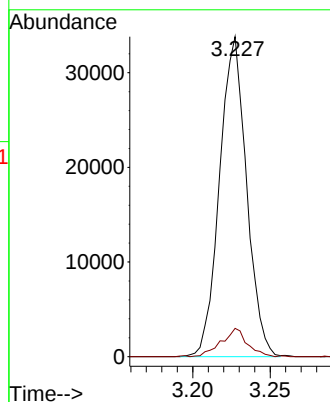
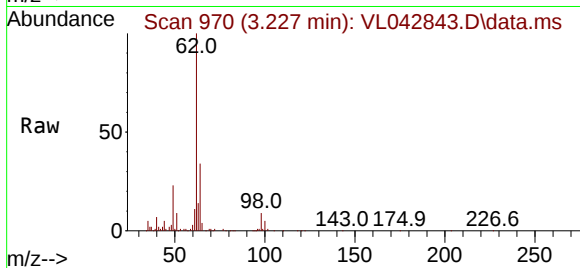
VSTDICC002

Tgt Ion: 62 Resp: 41034

Ion Ratio Lower Upper

62 100

98 8.6 5.9 8.9



#38

Trichloroethene

Concen: 2.072 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Tgt Ion:130 Resp: 36990

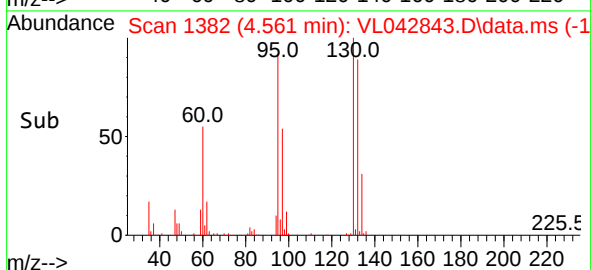
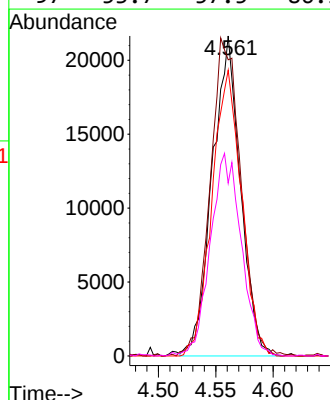
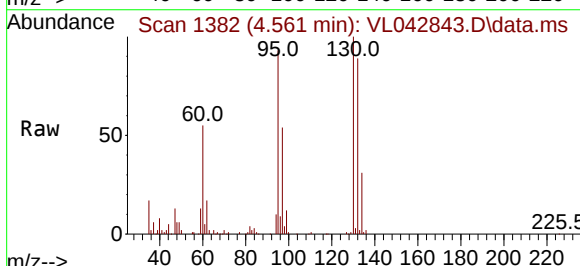
Ion Ratio Lower Upper

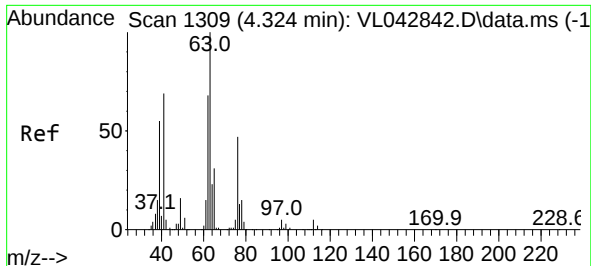
130 100

95 91.5 87.6 131.4

132 89.3 73.8 110.8

97 53.7 57.5 86.3#





#39

1,2-Dichloropropane

Concen: 2.036 ppbv

RT: 4.328 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

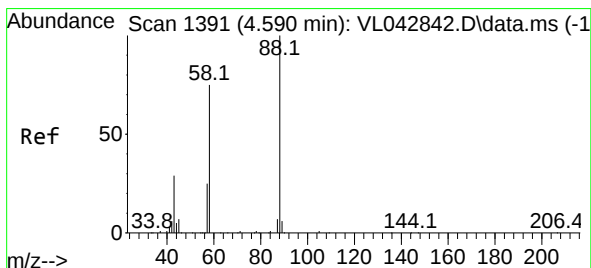
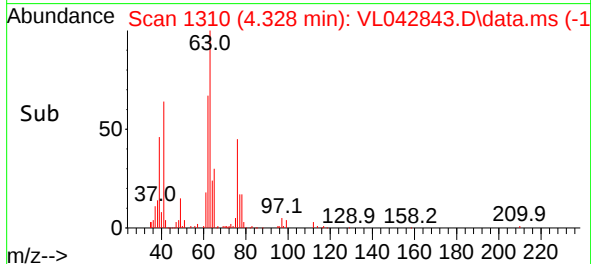
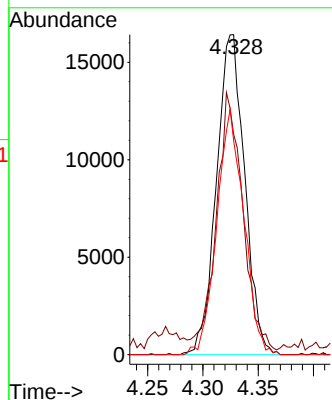
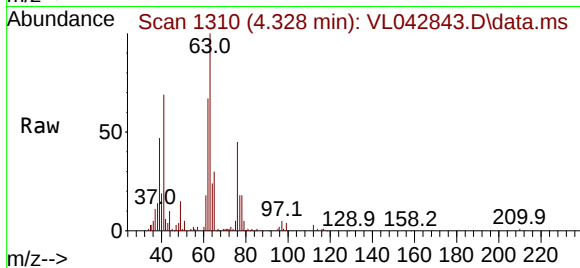
Tgt Ion: 63 Resp: 29059

Ion Ratio Lower Upper

63 100

41 66.8 55.0 82.4

62 66.9 54.4 81.6



#40

1,4-Dioxane

Concen: 1.788 ppbv

RT: 4.606 min Scan# 1396

Delta R.T. 0.016 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Tgt Ion: 88 Resp: 11947

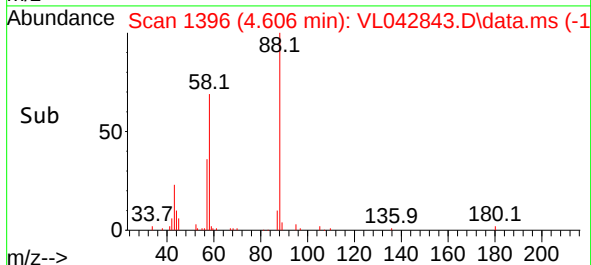
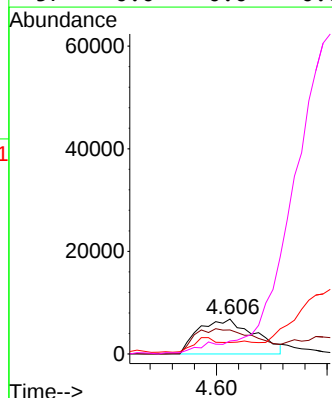
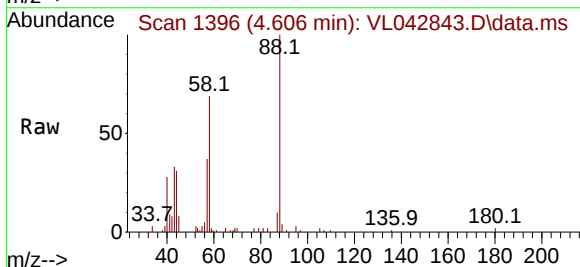
Ion Ratio Lower Upper

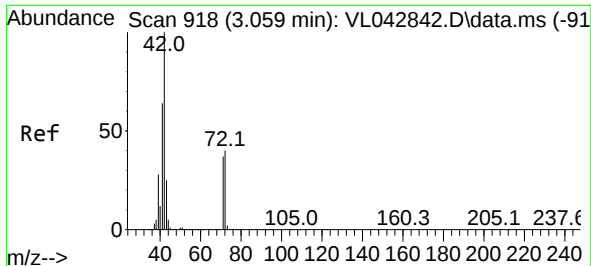
88 100

58 78.4 53.8 80.6

43 0.0 22.8 34.2#

57 0.0 0.0 0.0

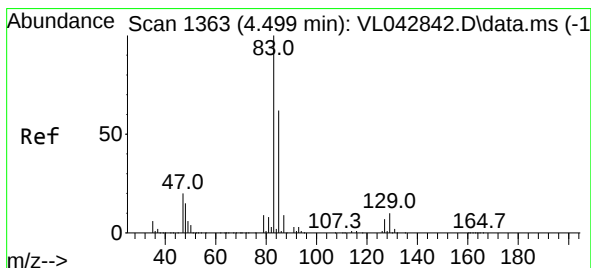
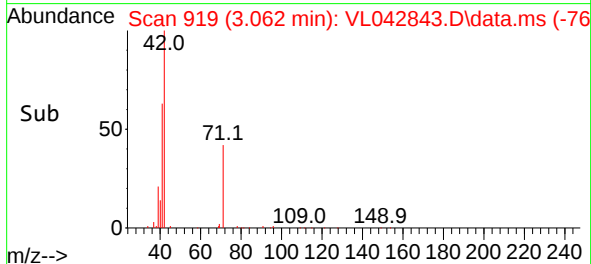
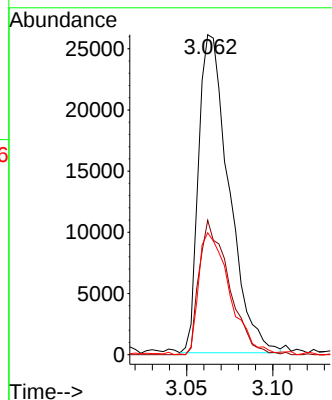
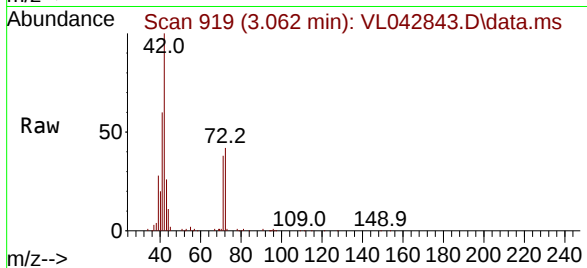




#41
Tetrahydrofuran
Concen: 2.082 ppbv
RT: 3.062 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

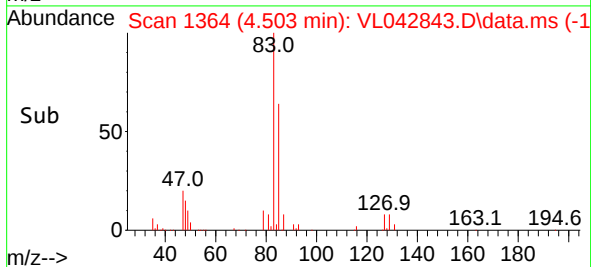
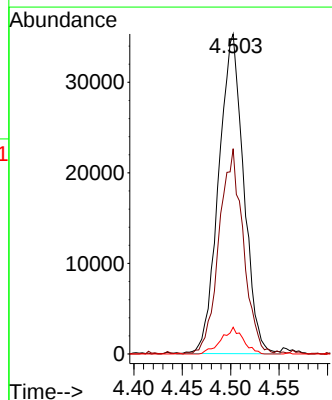
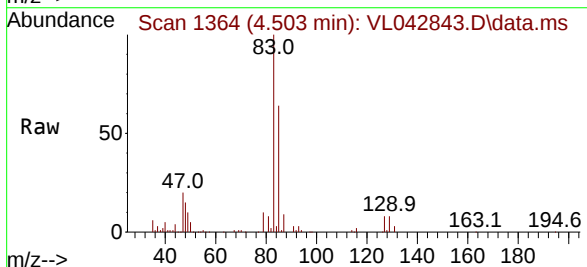
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

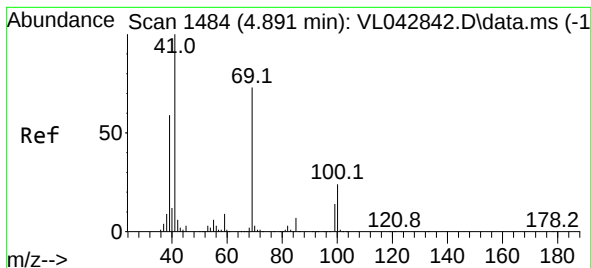
Tgt Ion: 42 Resp: 31994
Ion Ratio Lower Upper
42 100
72 41.3 32.6 48.8
71 40.1 30.0 45.0



#42
Bromodichloromethane
Concen: 2.085 ppbv
RT: 4.503 min Scan# 1364
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 83 Resp: 63436
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.8
127 8.4 5.8 8.6





#43

Methyl Methacrylate

Concen: 1.030 ppbv

RT: 4.888 min Scan# 1411

Delta R.T. -0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

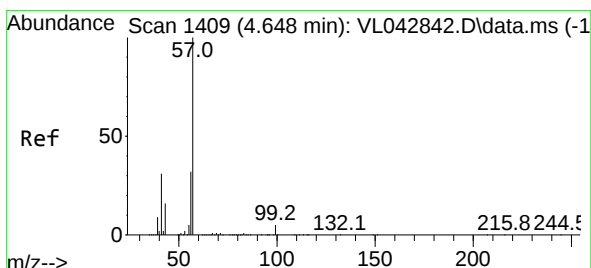
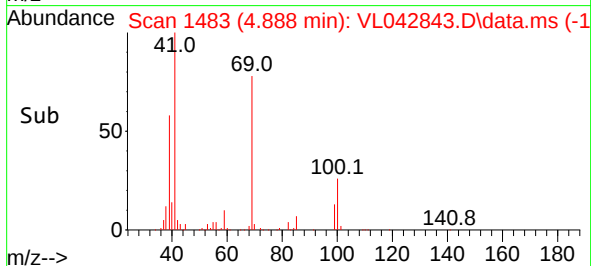
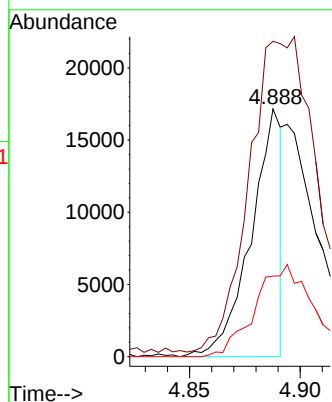
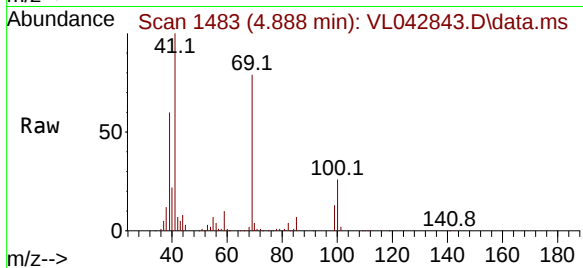
Tgt Ion: 69 Resp: 16511

Ion Ratio Lower Upper

69 100

41 0.0 114.6 172.0#

100 0.0 30.2 45.4#



#44

2,2,4-Trimethylpentane

Concen: 2.085 ppbv

RT: 4.655 min Scan# 1411

Delta R.T. 0.007 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

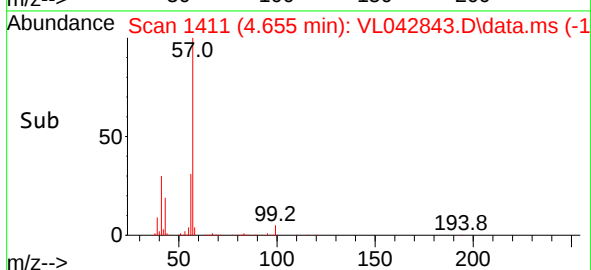
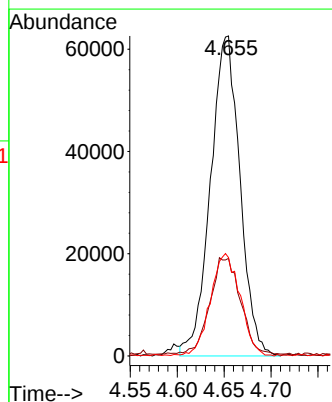
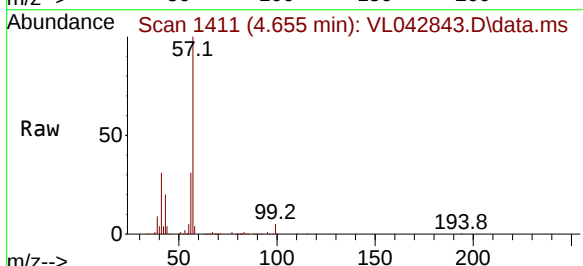
Tgt Ion: 57 Resp: 136794

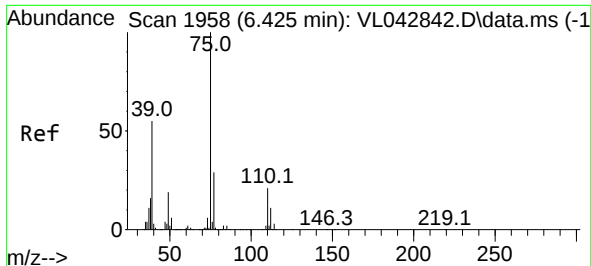
Ion Ratio Lower Upper

57 100

41 32.5 24.8 37.2

56 32.6 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 2.048 ppbv

RT: 6.428 min Scan# 1958

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

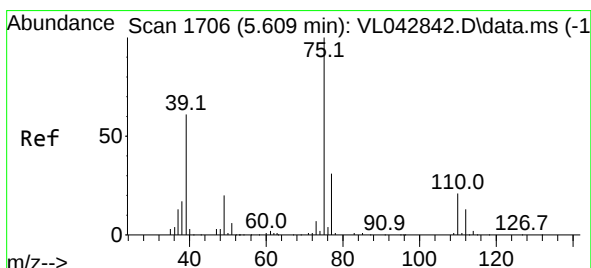
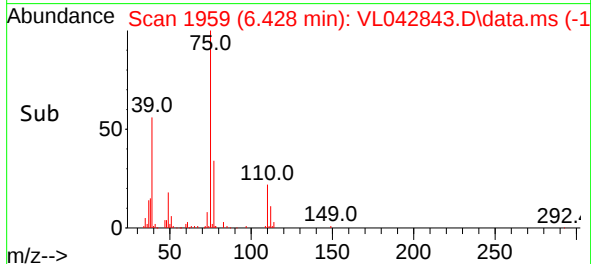
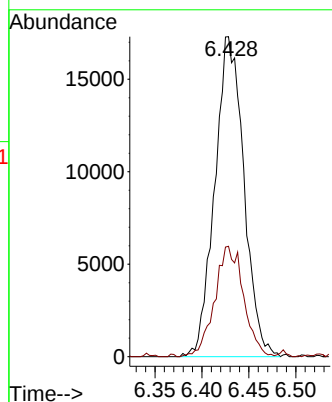
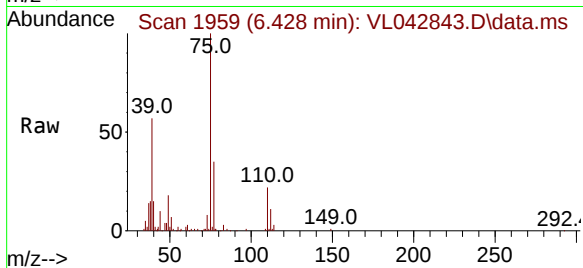
VSTDICC002

Tgt Ion: 75 Resp: 37248

Ion Ratio Lower Upper

75 100

77 35.2 23.8 35.6



#46

cis-1,3-Dichloropropene

Concen: 1.180 ppbv

RT: 5.609 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

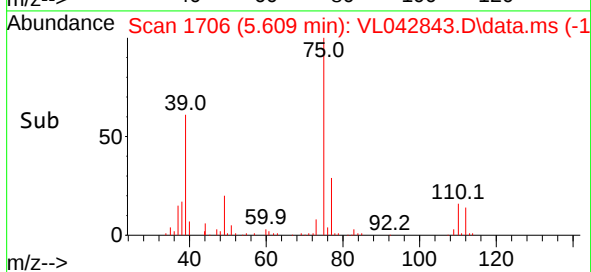
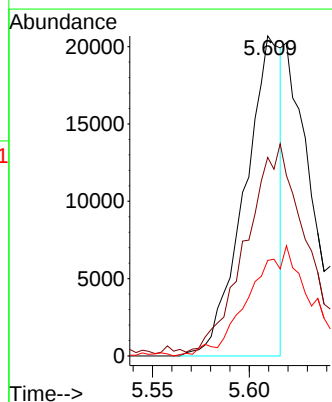
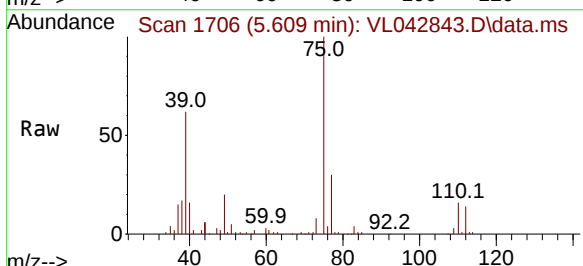
Tgt Ion: 75 Resp: 26940

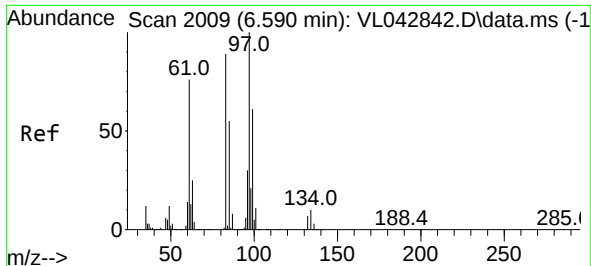
Ion Ratio Lower Upper

75 100

39 60.0 48.9 73.3

77 29.4 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 1.466 ppbv

RT: 6.593 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 97 Resp: 22158

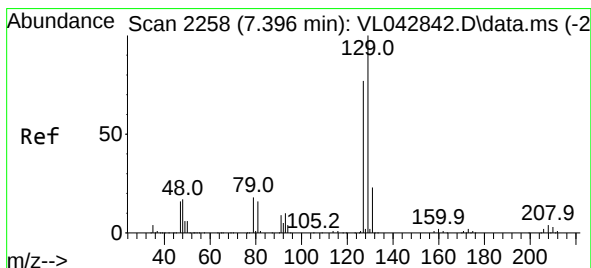
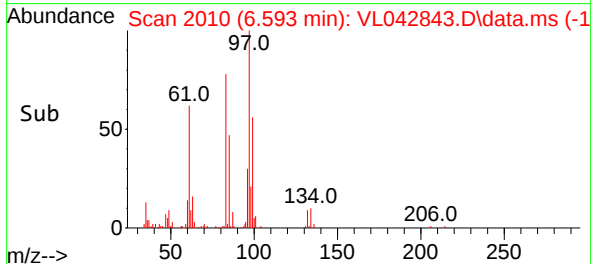
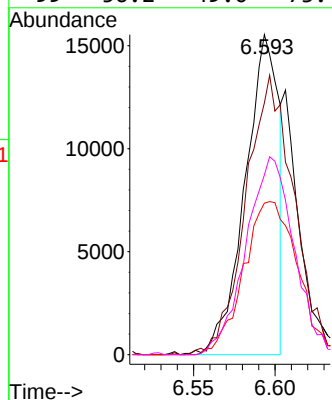
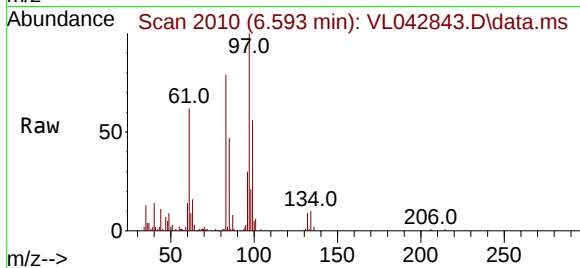
Ion Ratio Lower Upper

97 100

83 78.7 71.0 106.4

85 47.3 43.6 65.4

99 56.2 49.0 73.4



#48

Dibromochloromethane

Concen: 2.109 ppbv

RT: 7.399 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VL042843.D

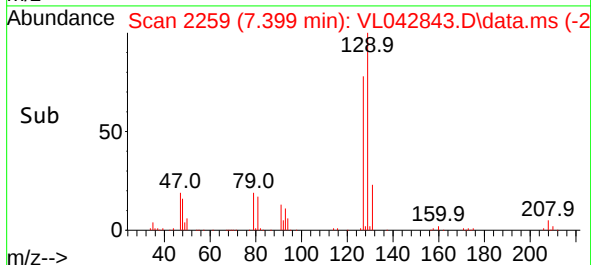
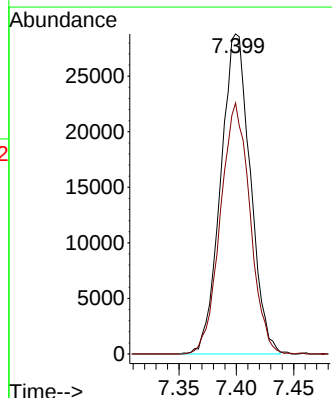
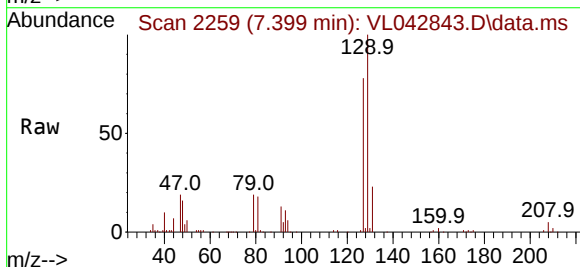
Acq: 13 Aug 2025 09:06

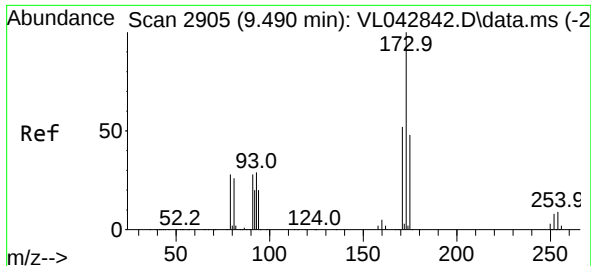
Tgt Ion: 129 Resp: 51620

Ion Ratio Lower Upper

129 100

127 78.4 39.4 118.2

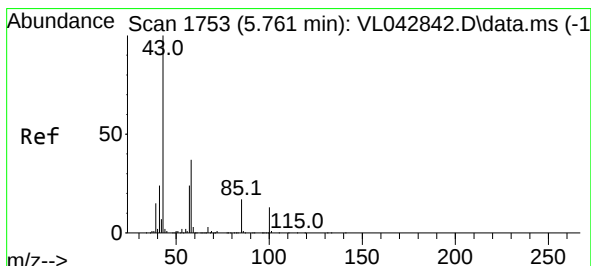
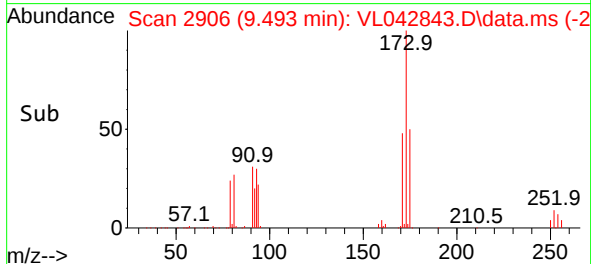
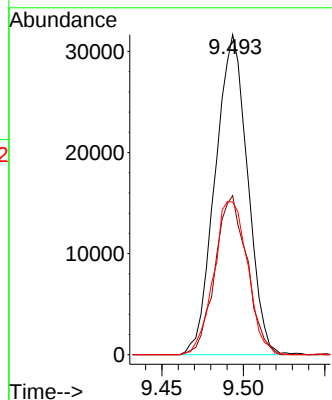
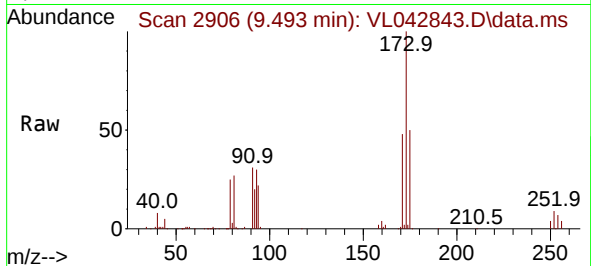




#49
Bromoform
Concen: 2.163 ppbv
RT: 9.493 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

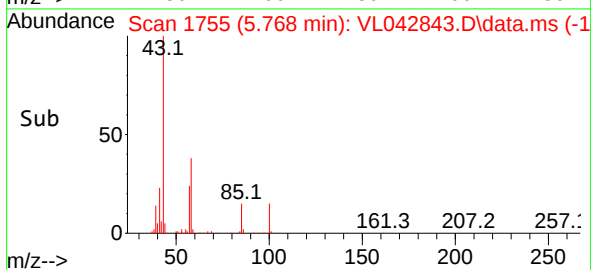
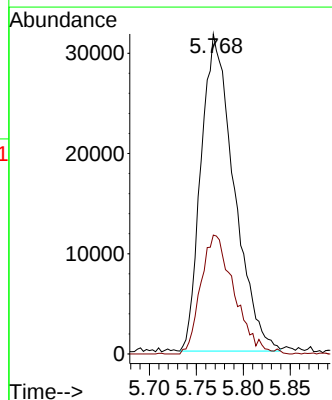
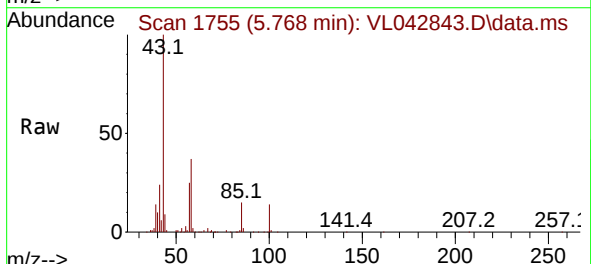
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

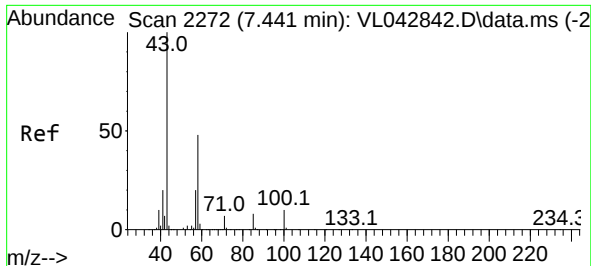
Tgt Ion:173 Resp: 43662
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
171 50.0 41.3 61.9



#50
4-Methyl-2-Pentanone
Concen: 2.066 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.007 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 43 Resp: 77225
Ion Ratio Lower Upper
43 100
58 38.1 29.8 44.8

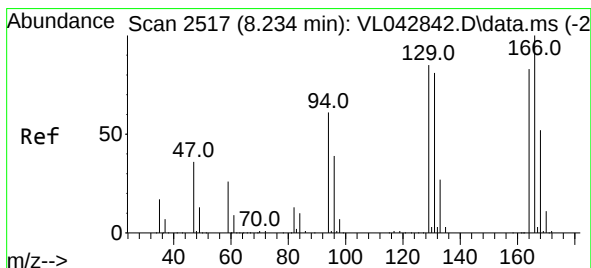
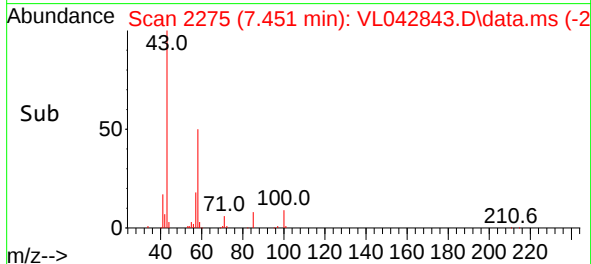
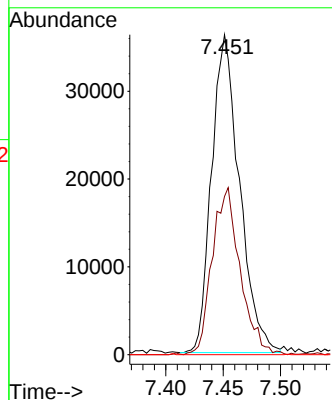
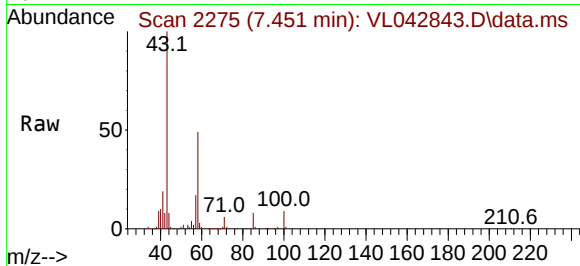




#51
2-Hexanone
Concen: 2.088 ppbv
RT: 7.451 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

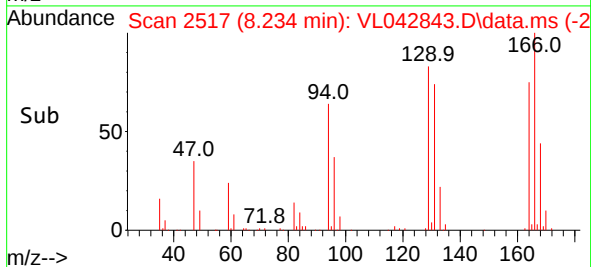
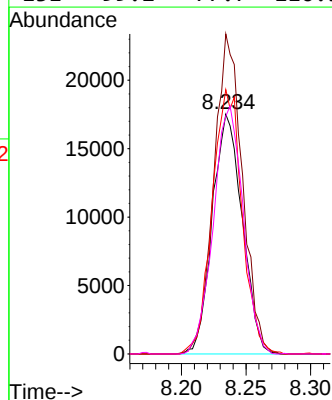
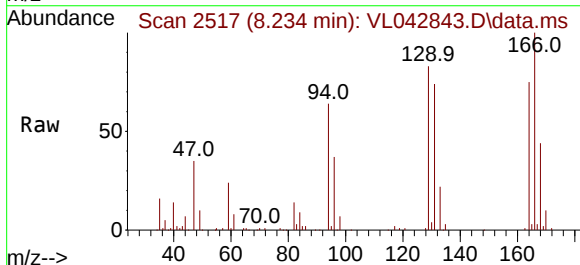
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

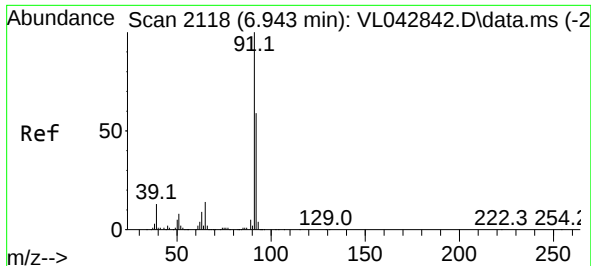
Tgt Ion: 43 Resp: 61210
Ion Ratio Lower Upper
43 100
58 52.9 41.0 61.6
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 1.990 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 164 Resp: 28166
Ion Ratio Lower Upper
164 100
166 133.5 96.5 144.7
129 110.3 81.8 122.6
131 99.2 77.7 116.5

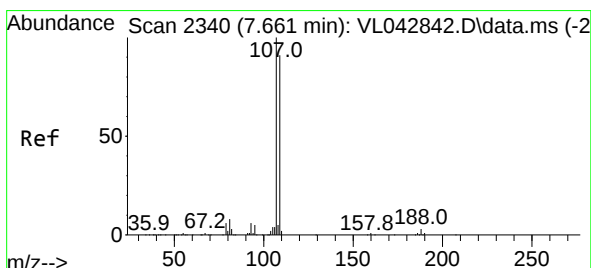
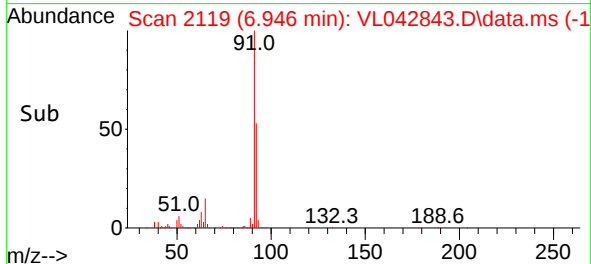
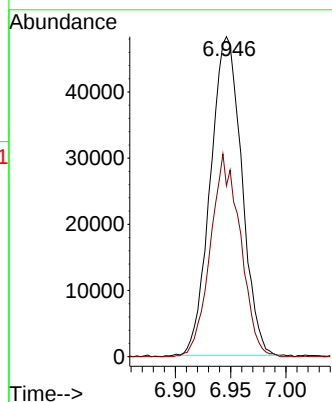
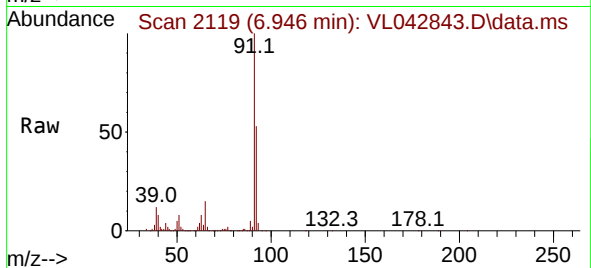




#53
Toluene
Concen: 2.036 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

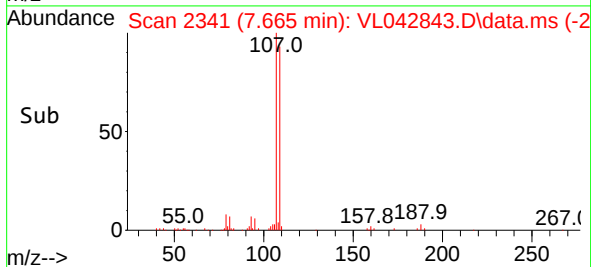
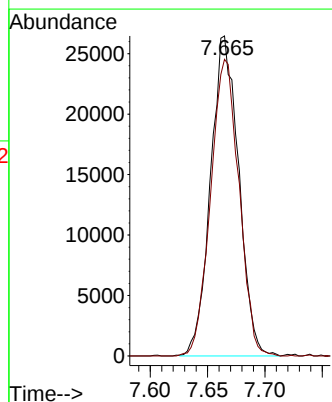
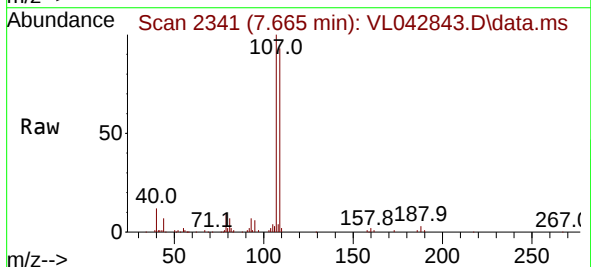
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

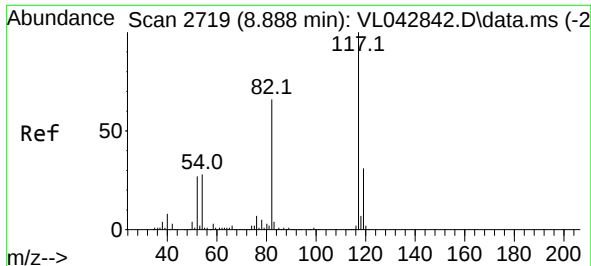
Tgt Ion: 91 Resp: 94690
Ion Ratio Lower Upper
91 100
92 61.1 47.8 71.6



#54
1,2-Dibromoethane
Concen: 2.039 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 107 Resp: 45071
Ion Ratio Lower Upper
107 100
109 92.7 72.5 108.7

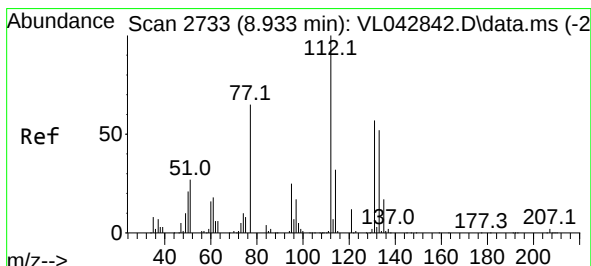
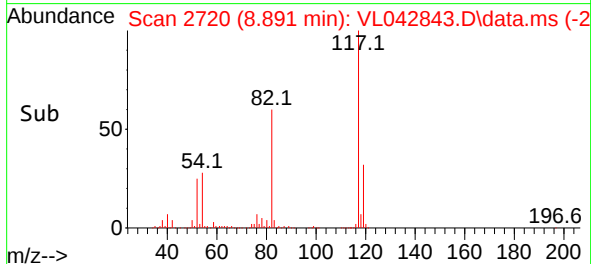
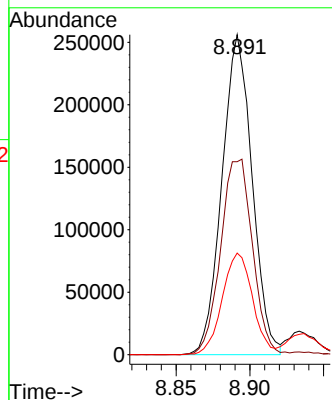
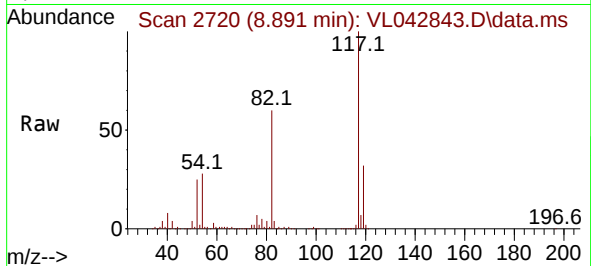




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

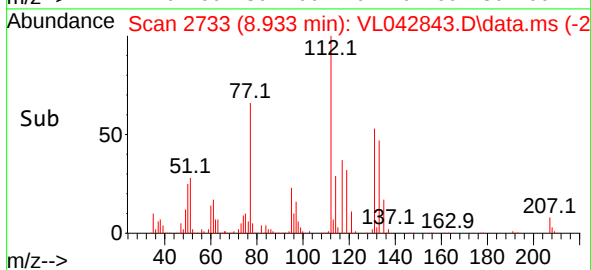
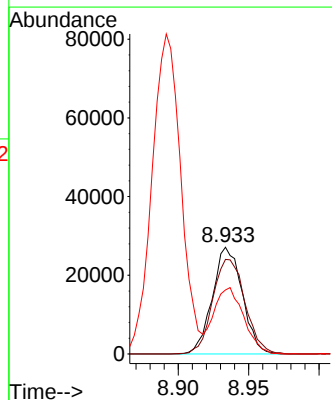
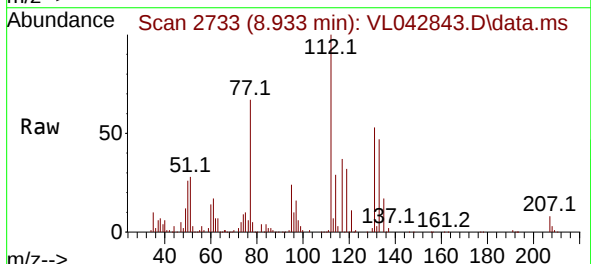
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

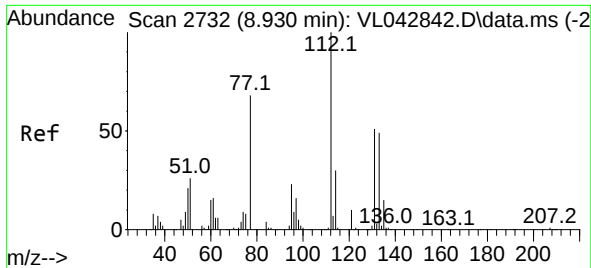
Tgt Ion:117 Resp: 363830
Ion Ratio Lower Upper
117 100
82 65.4 54.6 81.8
119 32.8 25.9 38.9



#56
1,1,1,2-Tetrachloroethane
Concen: 2.131 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion:131 Resp: 40090
Ion Ratio Lower Upper
131 100
133 96.1 77.4 116.0
119 59.3 51.2 76.8

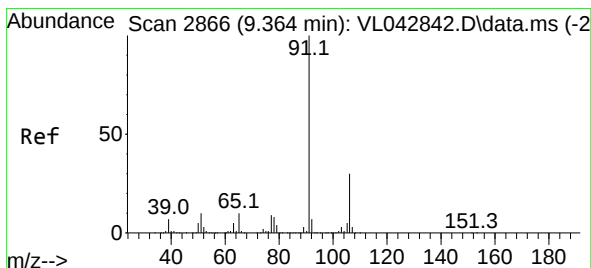
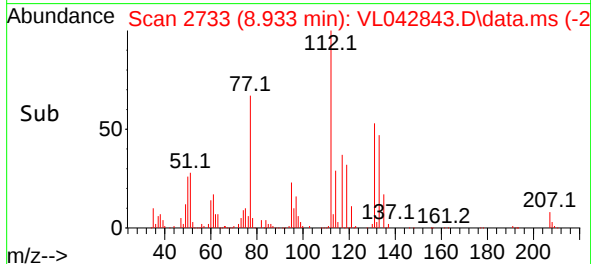
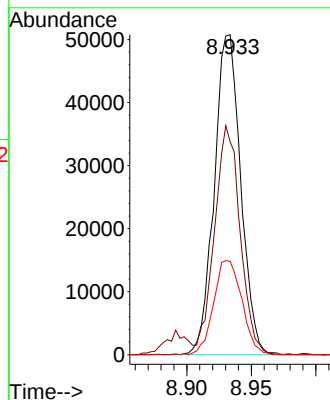
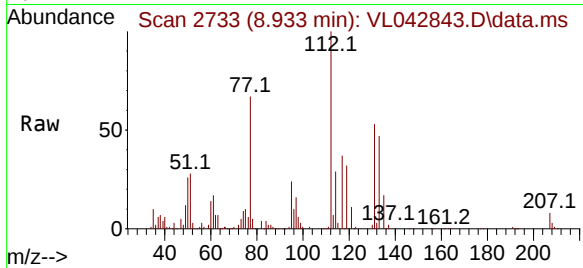




#57
Chlorobenzene
Concen: 2.090 ppbv
RT: 8.933 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

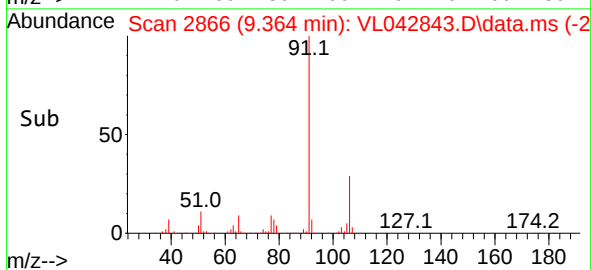
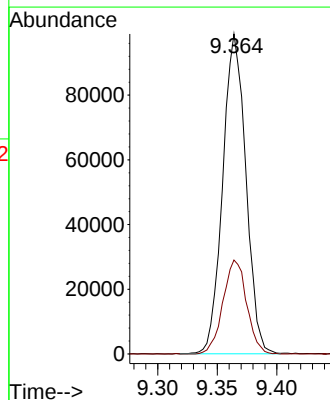
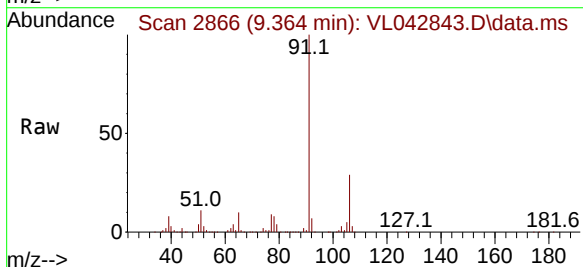
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

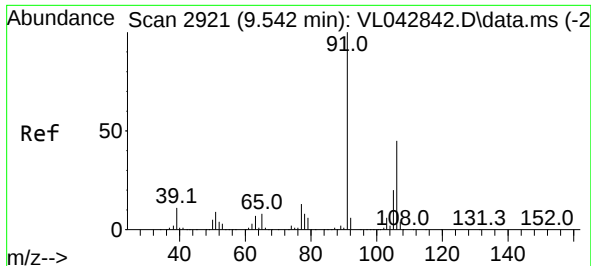
Tgt Ion:112 Resp: 72296
Ion Ratio Lower Upper
112 100
77 66.4 55.5 83.3
114 29.2 27.2 33.2



#58
Ethyl Benzene
Concen: 2.083 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 91 Resp: 133719
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9





#59

m/p-Xylene

Concen: 1.998 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

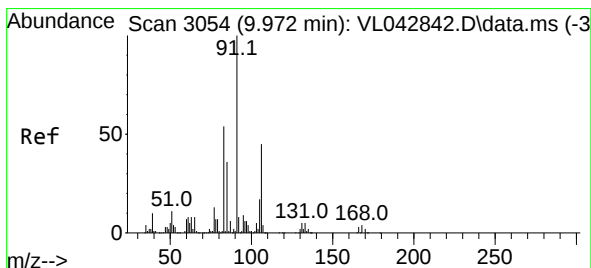
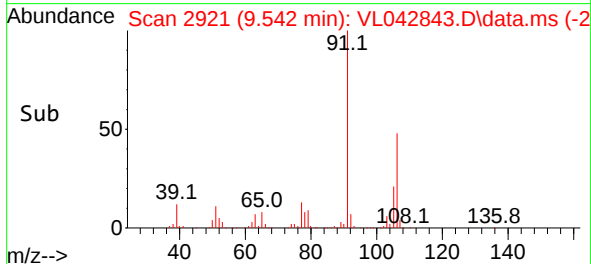
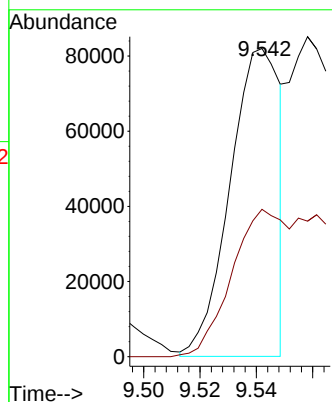
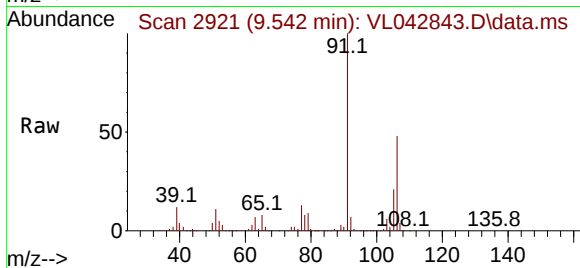
VSTDIC002

Tgt Ion: 91 Resp: 100699

Ion Ratio Lower Upper

91 100

106 97.0 0.0 0.0#



#60

o-Xylene

Concen: 2.077 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VL042843.D

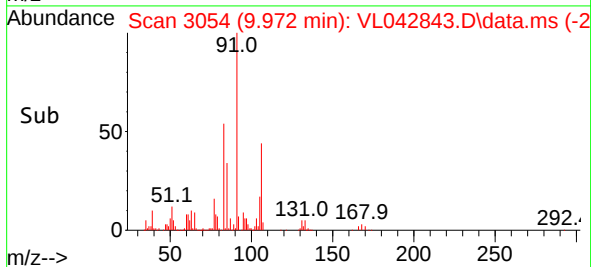
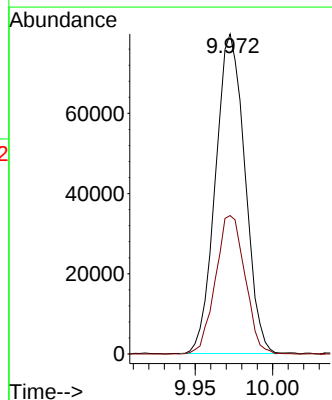
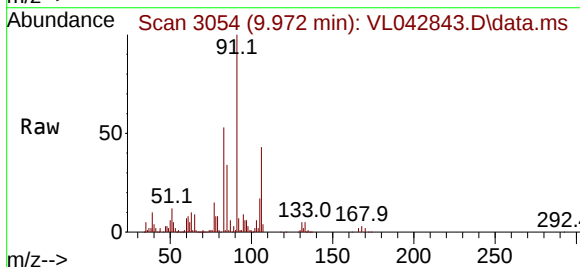
Acq: 13 Aug 2025 09:06

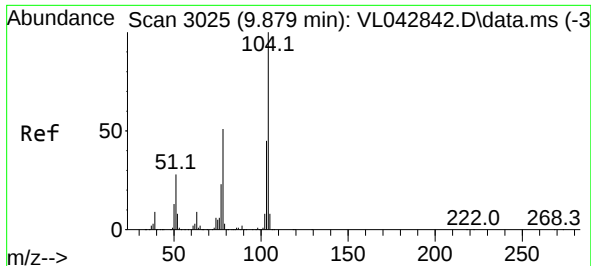
Tgt Ion: 91 Resp: 105125

Ion Ratio Lower Upper

91 100

106 43.5 21.8 65.4

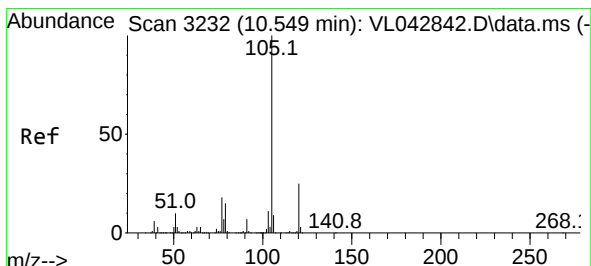
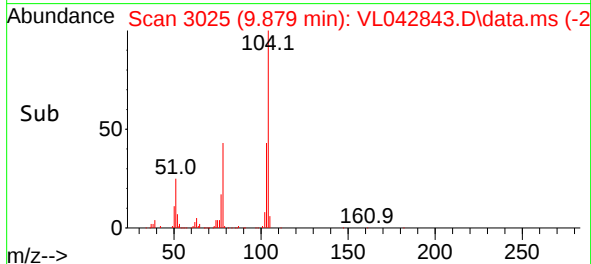
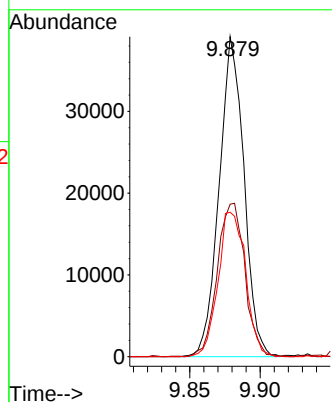
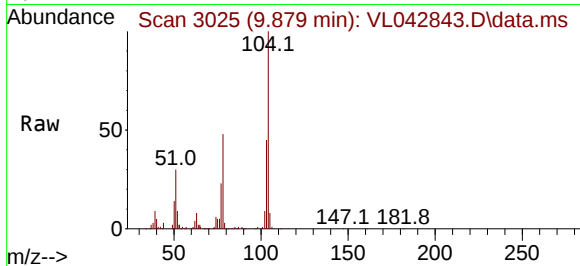




#61
Styrene
Concen: 2.025 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

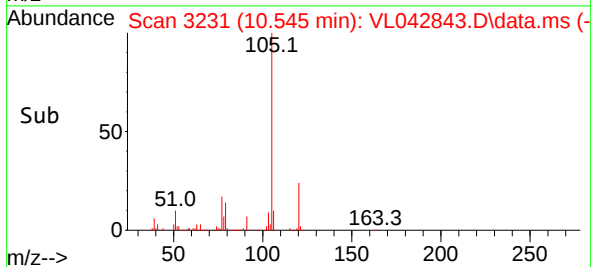
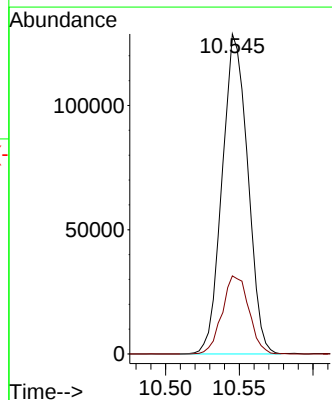
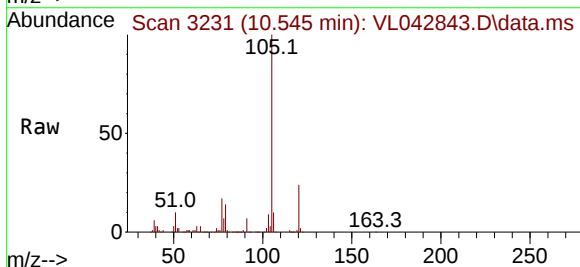
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

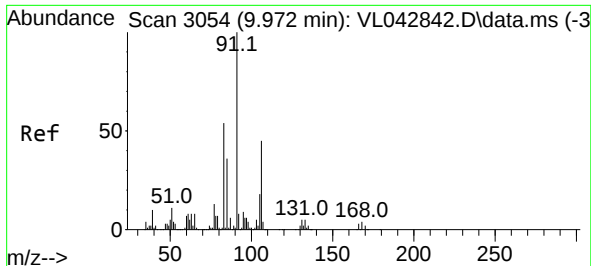
Tgt Ion:104 Resp: 48027
Ion Ratio Lower Upper
104 100
78 53.4 40.6 61.0
103 50.1 37.7 56.5



#62
Isopropylbenzene
Concen: 2.098 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion:105 Resp: 155223
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8

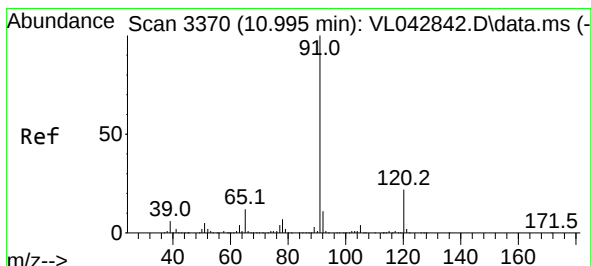
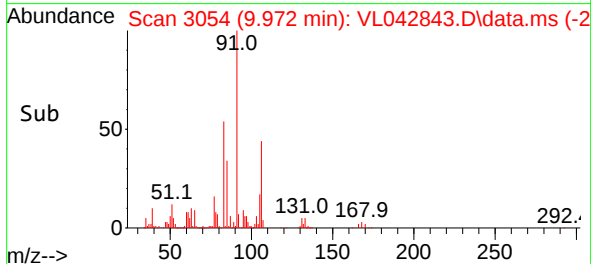
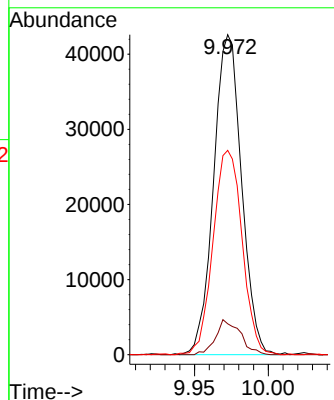
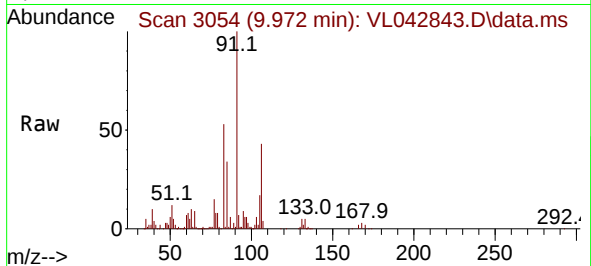




#63
 1,1,2,2-Tetrachloroethane
 Concen: 2.031 ppbv
 RT: 9.972 min Scan# 3054
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

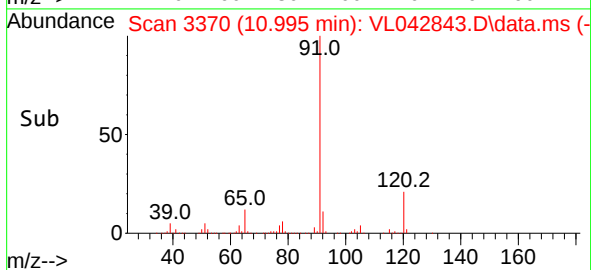
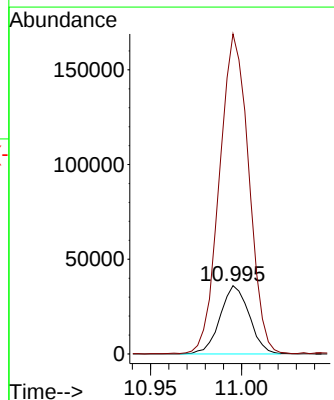
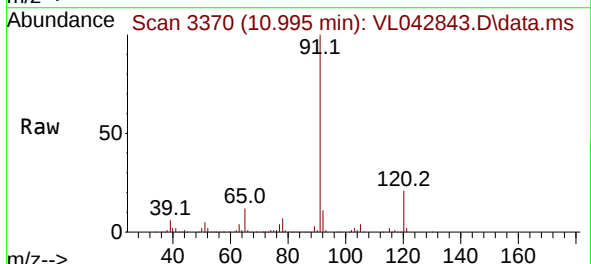
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

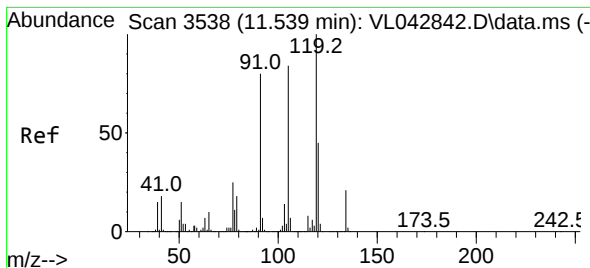
Tgt Ion: 83 Resp: 56139
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.3
 85 66.5 32.3 96.8



#64
 n-propylbenzene
 Concen: 2.115 ppbv
 RT: 10.995 min Scan# 3370
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion: 120 Resp: 39922
 Ion Ratio Lower Upper
 120 100
 91 476.7 375.8 563.6

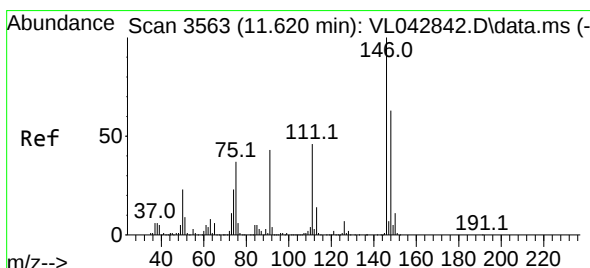
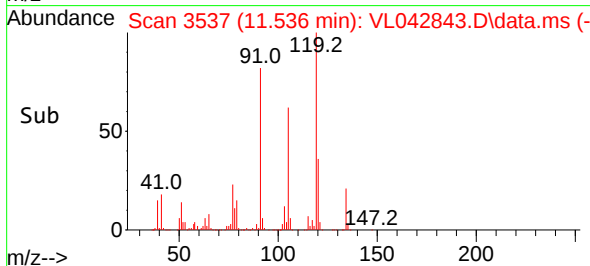
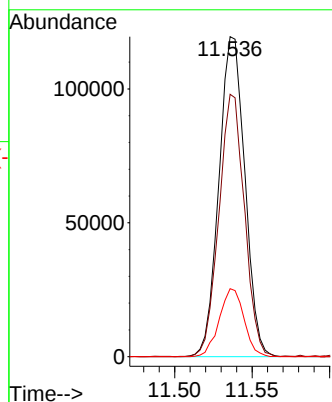
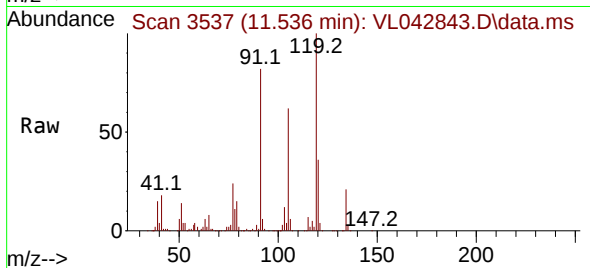




#65
tert-Butylbenzene
Concen: 2.132 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

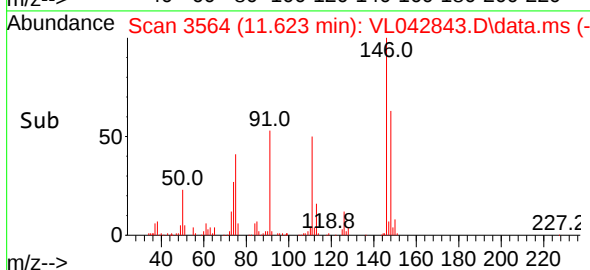
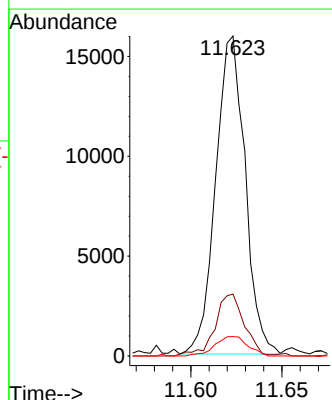
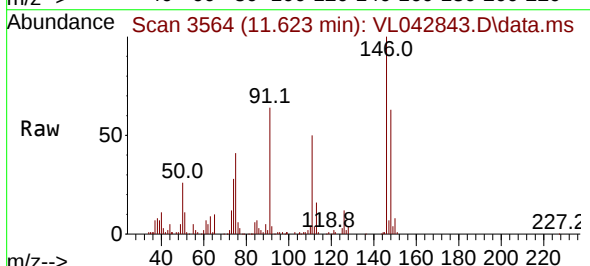
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

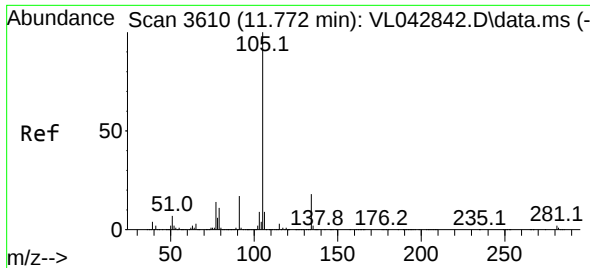
Tgt Ion:119 Resp: 139019
Ion Ratio Lower Upper
119 100
91 80.9 63.9 95.9
134 20.3 17.0 25.4



#66
Benzyl Chloride
Concen: 2.161 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 91 Resp: 17893
Ion Ratio Lower Upper
91 100
126 19.5 14.2 21.4
128 6.9 5.0 7.6

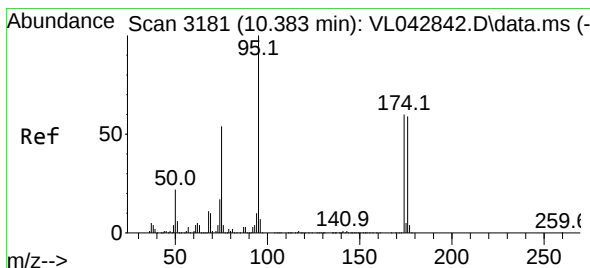
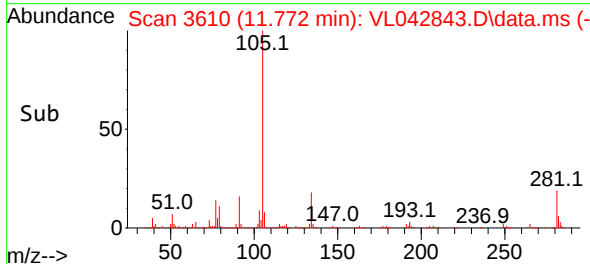
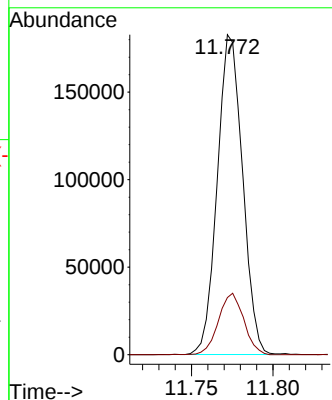
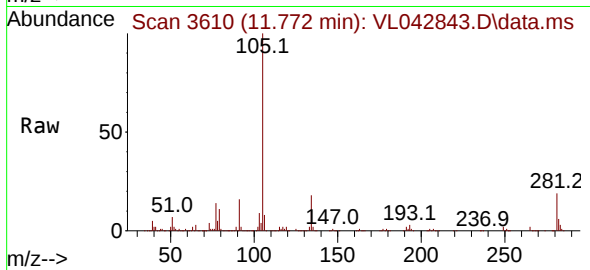




#67
 sec-Butylbenzene
 Concen: 2.151 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

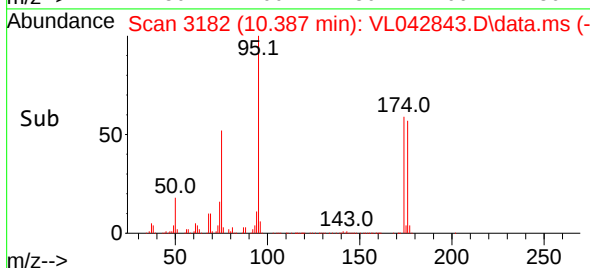
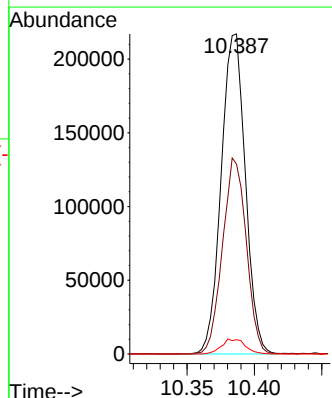
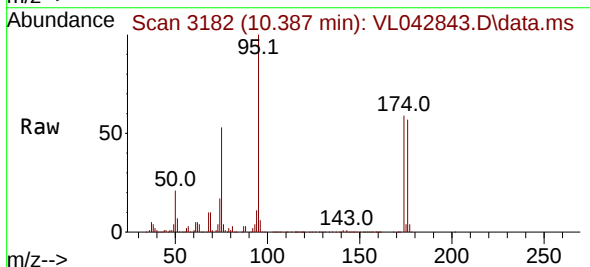
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC002

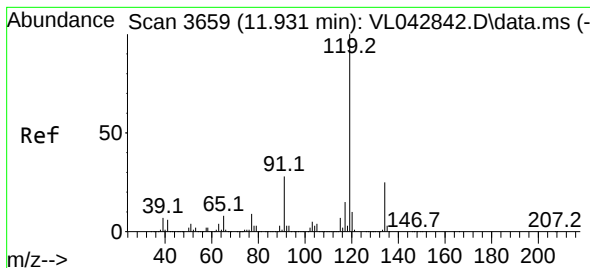
Tgt Ion:105 Resp: 196899
 Ion Ratio Lower Upper
 105 100
 134 19.3 14.9 22.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.923 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VL042843.D
 Acq: 13 Aug 2025 09:06

Tgt Ion: 95 Resp: 270774
 Ion Ratio Lower Upper
 95 100
 174 60.2 48.4 72.6
 175 4.6 3.8 5.8

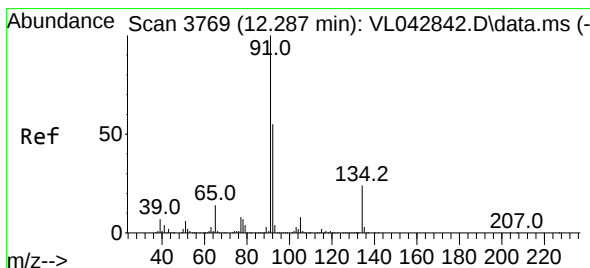
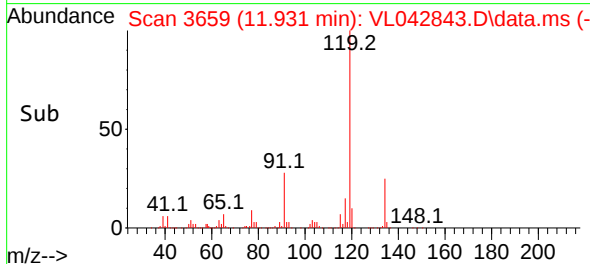
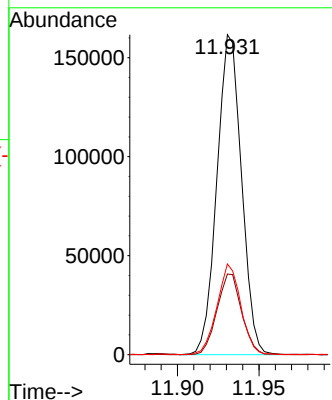
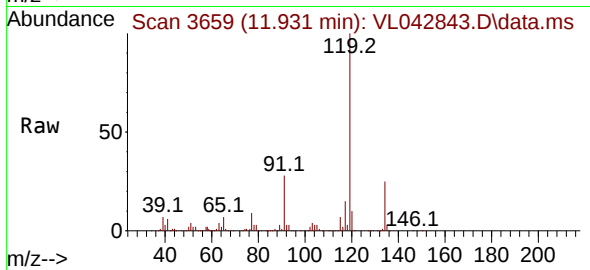




#69
p-Isopropyltoluene
Concen: 2.156 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

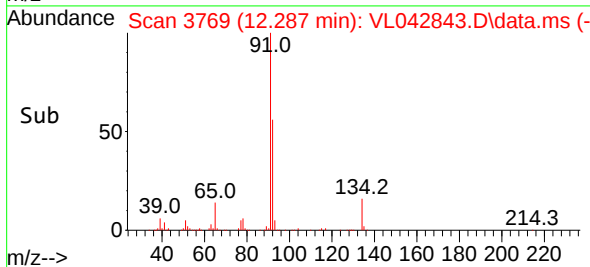
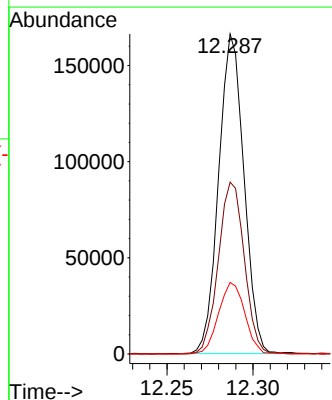
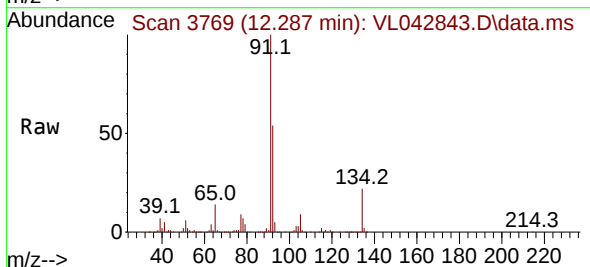
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

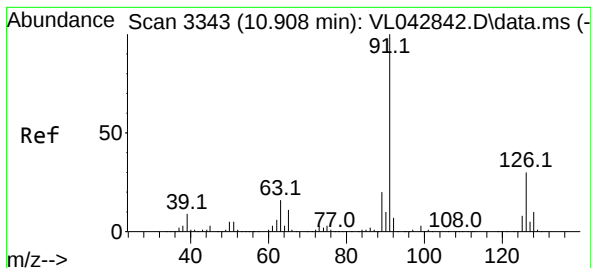
Tgt Ion:119 Resp: 169429
Ion Ratio Lower Upper
119 100
134 25.3 20.6 30.8
91 27.4 22.6 34.0



#70
n-Butylbenzene
Concen: 2.178 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion: 91 Resp: 169768
Ion Ratio Lower Upper
91 100
92 55.4 44.6 66.8
134 23.3 19.0 28.4





#71

2-Chlorotoluene

Concen: 2.078 ppbv

RT: 10.908 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

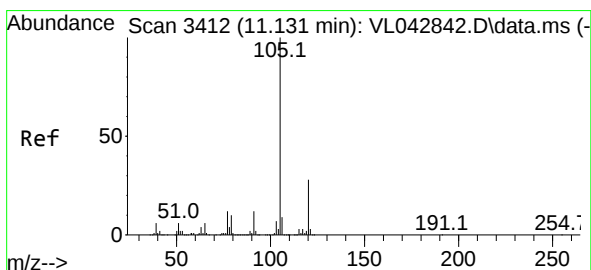
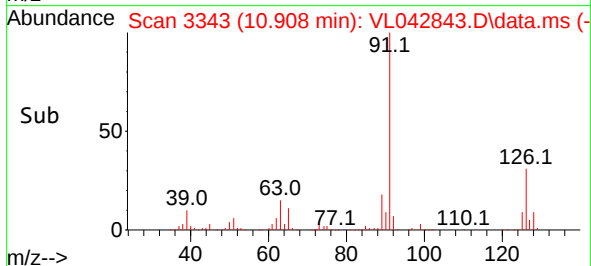
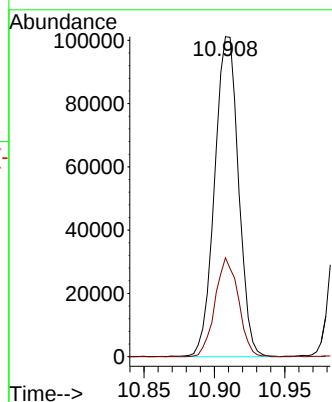
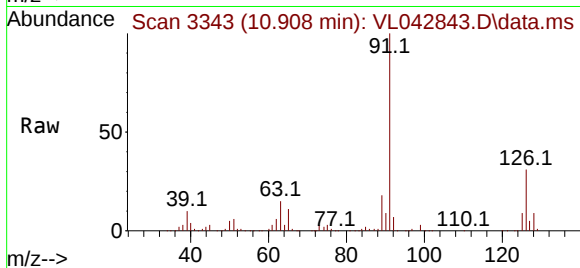
VSTDICC002

Tgt Ion: 91 Resp: 119382

Ion Ratio Lower Upper

91 100

126 30.2 12.0 47.8



#72

4-Ethyltoluene

Concen: 2.115 ppbv

RT: 11.131 min Scan# 3412

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Tgt Ion: 105 Resp: 129786

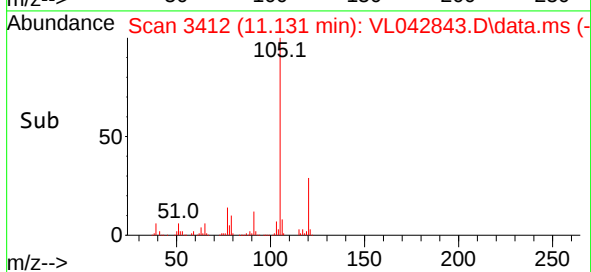
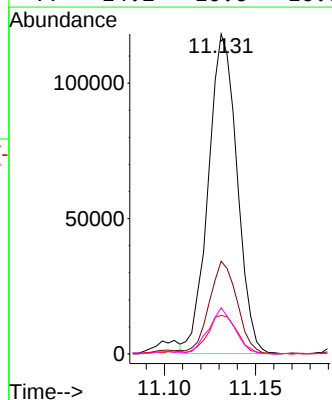
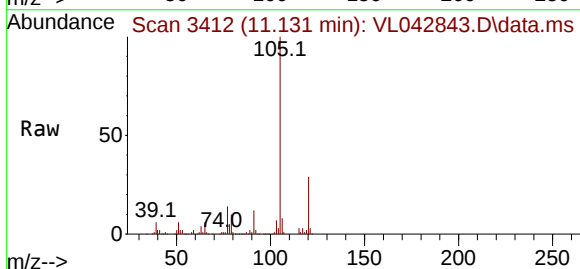
Ion Ratio Lower Upper

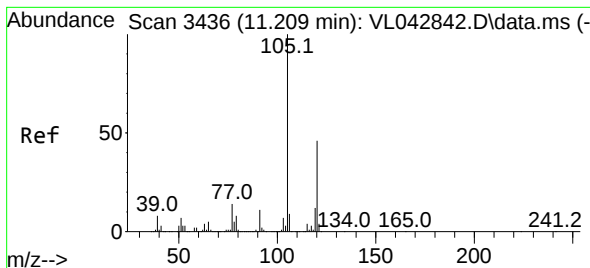
105 100

120 29.4 23.4 35.2

91 13.3 9.8 14.6

77 14.2 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 2.109 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.003 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_1

ClientSampleId :

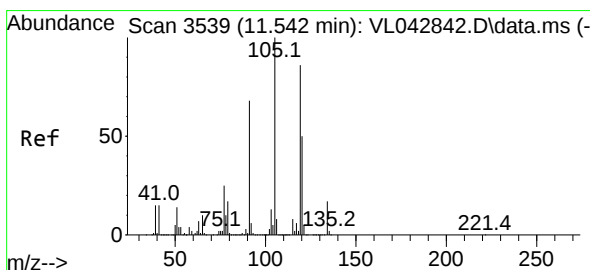
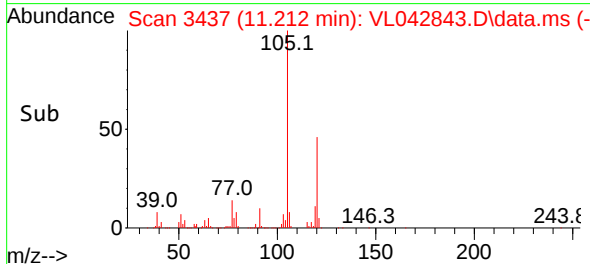
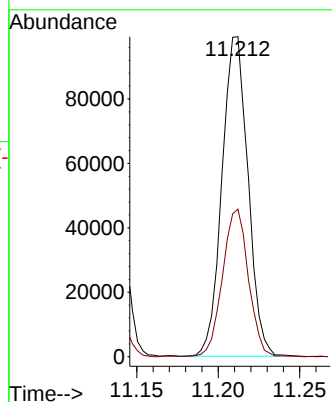
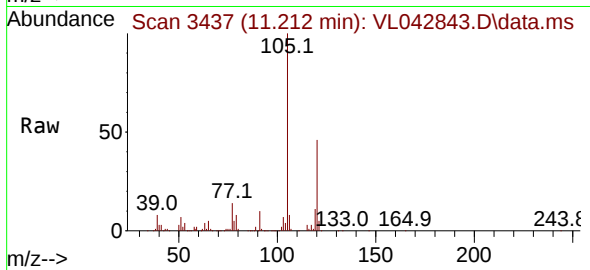
VSTDICC002

Tgt Ion:105 Resp: 110043

Ion Ratio Lower Upper

105 100

120 46.1 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 2.157 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042843.D

Acq: 13 Aug 2025 09:06

Tgt Ion:105 Resp: 123554

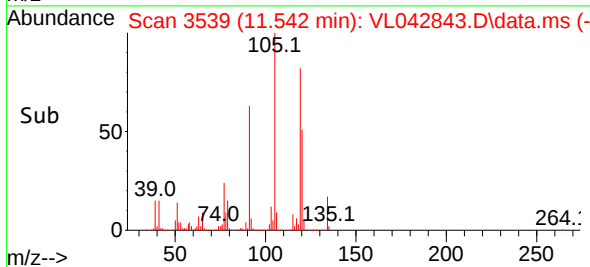
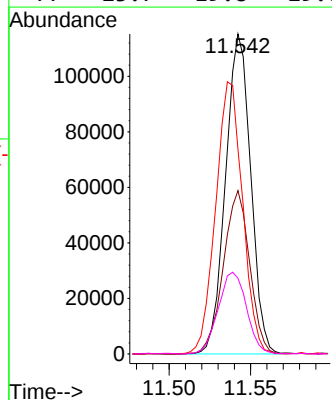
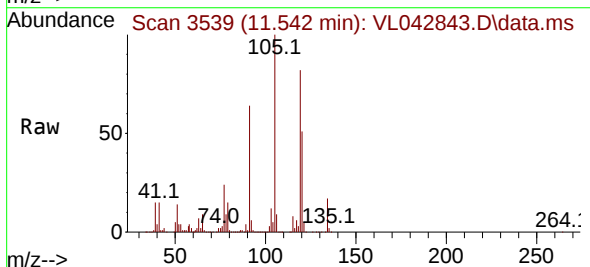
Ion Ratio Lower Upper

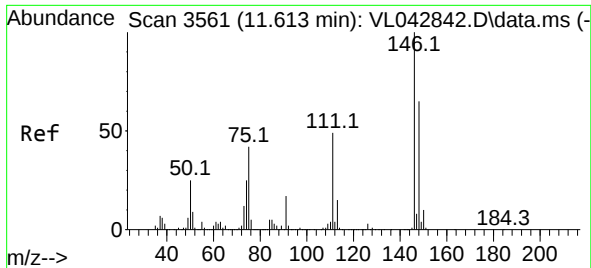
105 100

120 51.0 39.8 59.6

91 63.9 54.2 81.4

77 23.7 19.8 29.6

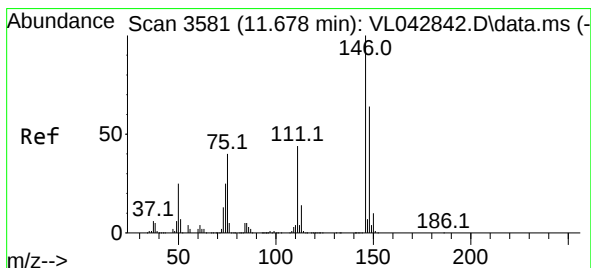
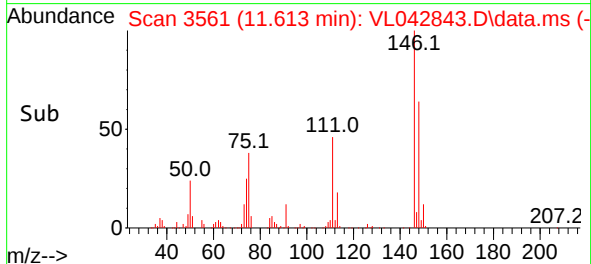
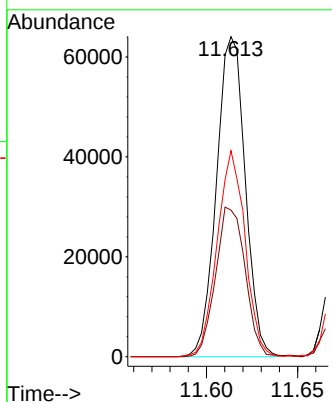
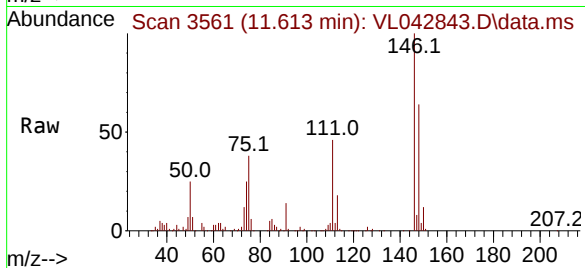




#75
1,3-Dichlorobenzene
Concen: 2.160 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

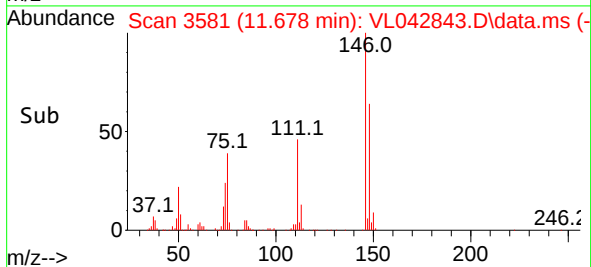
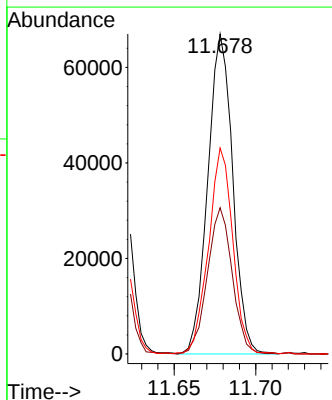
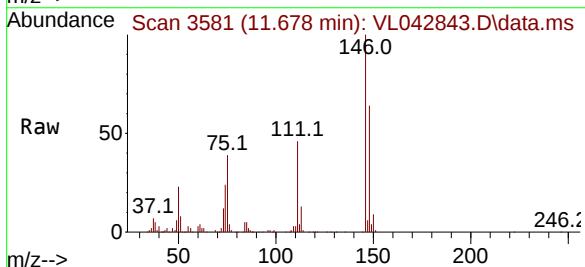
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

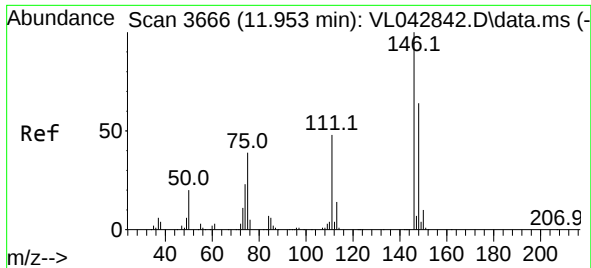
Tgt Ion:146 Resp: 70330
Ion Ratio Lower Upper
146 100
111 48.0 23.9 71.7
148 62.5 31.4 94.0



#76
1,4-Dichlorobenzene
Concen: 2.161 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion:146 Resp: 71160
Ion Ratio Lower Upper
146 100
111 45.7 22.7 68.1
148 62.9 31.8 95.3

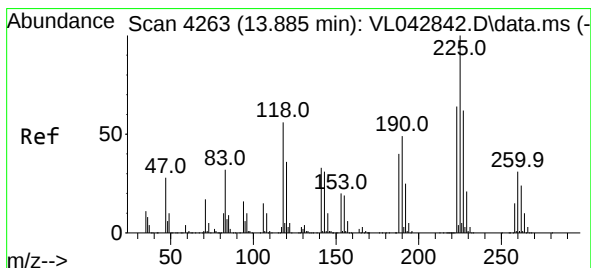
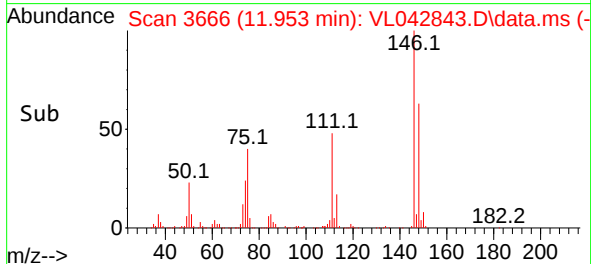
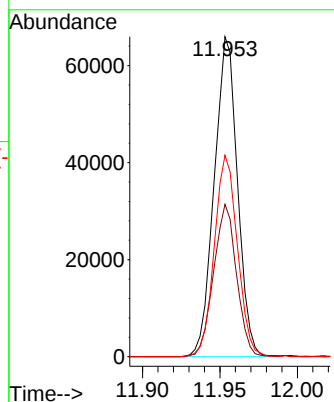
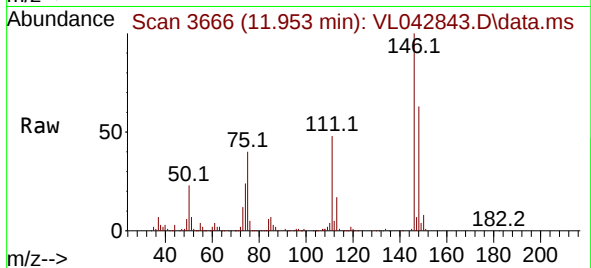




#77
1,2-Dichlorobenzene
Concen: 2.162 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

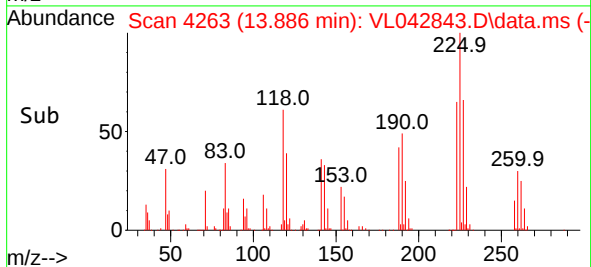
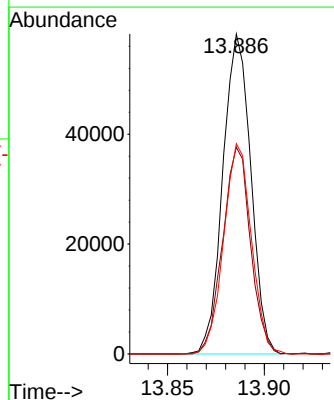
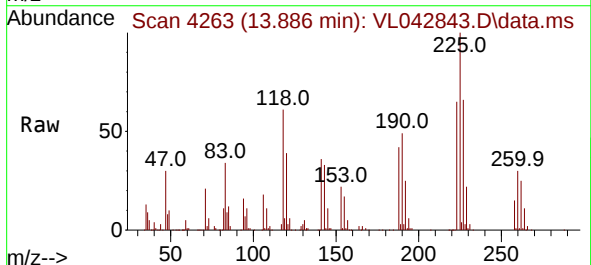
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

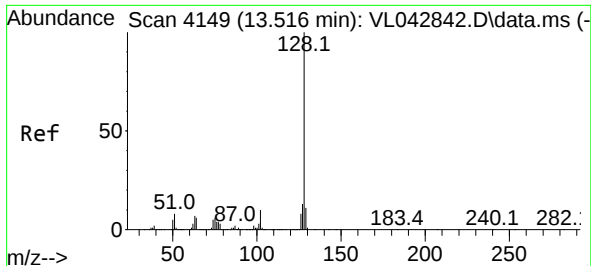
Tgt Ion:146 Resp: 68944
Ion Ratio Lower Upper
146 100
111 47.1 24.6 74.0
148 62.5 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 2.239 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion:225 Resp: 58509
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.2
227 65.2 51.9 77.9

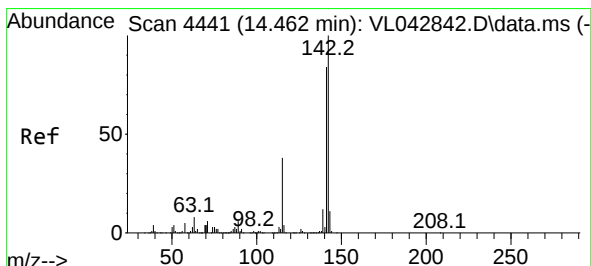
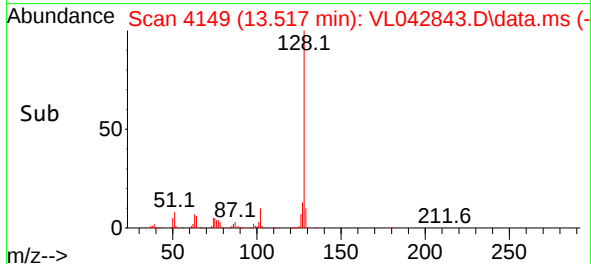
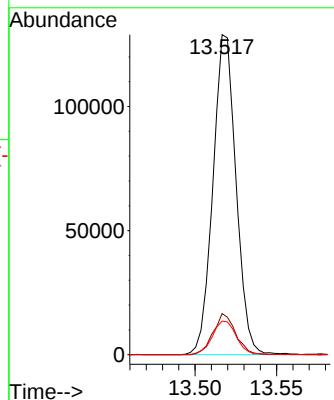
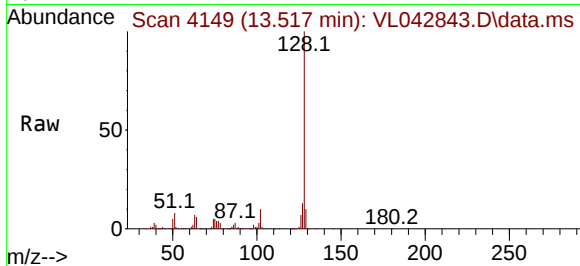




#79
Naphthalene
Concen: 2.478 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

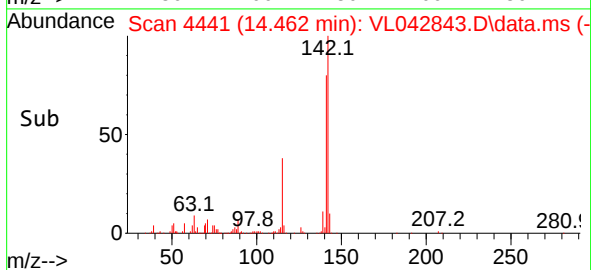
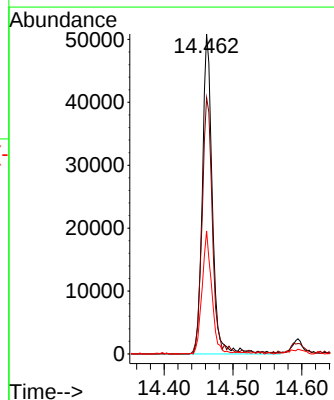
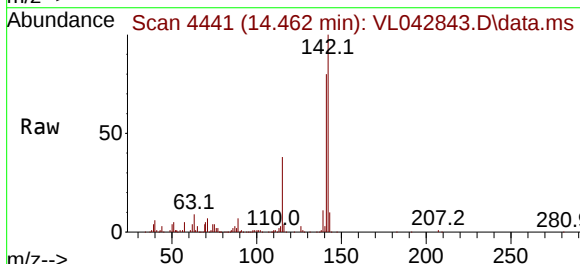
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

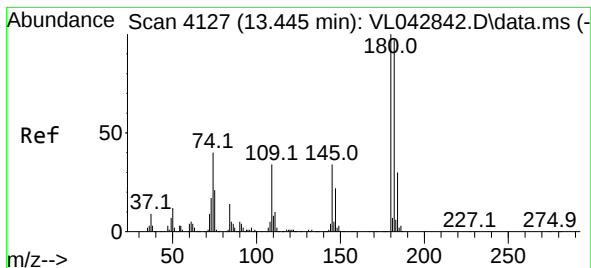
Tgt Ion:128 Resp: 127025
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.5 8.9 13.3



#80
Naphthalene,2-methyl-
Concen: 2.670 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.000 min
Lab File: VL042843.D
Acq: 13 Aug 2025 09:06

Tgt Ion:142 Resp: 51541
Ion Ratio Lower Upper
142 100
141 83.9 67.0 100.6
115 37.8 30.9 46.3





#81

1,2,4-Trichlorobenzene

Concen: 2.384 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042843.D

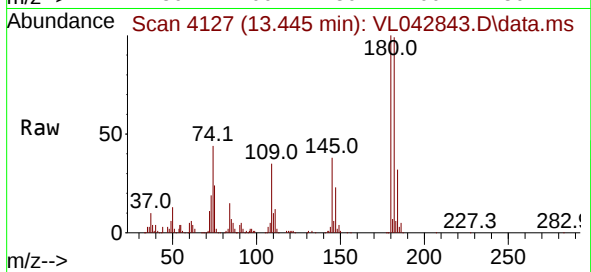
Acq: 13 Aug 2025 09:06

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 62216

Ion Ratio Lower Upper

180 100

182 98.0 76.9 115.3

184 30.8 24.5 36.7

