

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042695.D
 Acq On : 02 Jul 2025 11:39
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Jul 03 01:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	117105	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	296435	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	265053	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	209248	10.264	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	172151	14.041	ppbv	98
3) Chlorodifluoromethane	1.476	51	256009	13.966	ppbv	100
4) Chloromethane	1.534	50	67083	13.951	ppbv	95
5) Vinyl Chloride	1.583	62	61102	12.642	ppbv	100
6) Bromomethane	1.670	94	29264	13.554	ppbv	98
7) Chloroethane	1.706	64	25330	13.649	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	140342	13.817	ppbv	100
9) Propene	1.486	41	97807	14.259	ppbv	100
10) Heptane	4.991	43	308403	16.567	ppbv	99
11) Trichlorofluoromethane	1.881	101	180499	13.964	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.143	101	144195	14.093	ppbv	99
13) Ethanol	1.725	45	6502	9.979	ppbv	96
14) Bromoethene	1.783	108	50816	14.250	ppbv	99
15) Acetone	1.838	43	145775	12.551	ppbv	98
16) 1,3-Butadiene	1.612	39	72281	13.505	ppbv	100
17) tert-Butyl alcohol	2.042	59	158067	13.951	ppbv	99
18) 1,1-Dichloroethene	2.036	96	62555	13.761	ppbv	90
19) Isopropyl Alcohol	1.887	45	92196	13.811	ppbv #	1
20) Methylene Chloride	2.065	84	55096	12.405	ppbv	99
21) Allyl Chloride	2.101	41	119161	14.709	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	70815	14.302	ppbv	93
23) Vinyl Acetate	2.466	43	292863	15.582	ppbv	99
24) 1,1-Dichloroethane	2.411	63	143437	14.015	ppbv	99
25) Ethyl Acetate	2.839	43	532134	15.146	ppbv	99
26) Hexane	2.832	57	230010	15.692	ppbv	97
27) Carbon Disulfide	2.152	76	174309	14.583	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	79095	13.188	ppbv	98
29) Chloroform	2.855	83	311665	14.076	ppbv	97
30) Cyclohexane	3.865	84	182243	16.454	ppbv	97
31) cis-1,2-Dichloroethene	2.725	61	214573	15.381	ppbv	95
32) 1,1,1-Trichloroethane	3.376	97	288461	13.633	ppbv	99
34) 2-Butanone	2.560	43	349225	14.884	ppbv	100
35) Carbon Tetrachloride	3.771	117	289865	14.098	ppbv	98
36) Benzene	3.664	78	446618	14.948	ppbv	99
37) 1,2-Dichloroethane	3.224	62	227106	14.313	ppbv	100
38) Trichloroethene	4.561	130	180970	14.018	ppbv	95
39) 1,2-Dichloropropane	4.321	63	168680	14.469	ppbv	95
40) 1,4-Dioxane	4.593	88	43091	9.620	ppbv #	42
41) Tetrahydrofuran	3.059	42	198055	16.565	ppbv	98
42) Bromodichloromethane	4.499	83	332896	14.812	ppbv	98
43) Methyl Methacrylate	4.891	69	170155	17.734	ppbv	98
44) 2,2,4-Trimethylpentane	4.651	57	787806	15.802	ppbv	100
45) t-1,3-Dichloropropene	6.428	75	179598	17.811	ppbv	99

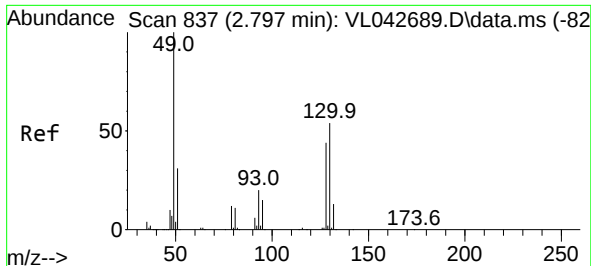
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070225\
 Data File : VL042695.D
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Instrument :
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 VSTDIC015

Quant Time: Jul 03 01:29:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 03 01:24:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.612	75	236433	16.994	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	174366	15.194	ppbv	94
48) Dibromochloromethane	7.399	129	264716	15.064	ppbv	98
49) Bromoform	9.493	173	233294	15.371	ppbv	99
50) 4-Methyl-2-Pentanone	5.761	43	462742	16.873	ppbv	99
51) 2-Hexanone	7.448	43	373010	18.619	ppbv #	100
52) Tetrachloroethene	8.234	164	145442	14.514	ppbv	93
53) Toluene	6.946	91	492164	17.643	ppbv	100
54) 1,2-Dibromoethane	7.664	107	245738	15.345	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.933	131	200564	13.994	ppbv	98
57) Chlorobenzene	8.933	112	370383	13.928	ppbv	97
58) Ethyl Benzene	9.364	91	667210	17.407	ppbv	100
59) m/p-Xylene	9.542	91	567320	17.662	ppbv #	30
60) o-Xylene	9.972	91	528391	16.730	ppbv	98
61) Styrene	9.878	104	237027	19.104	ppbv	100
62) Isopropylbenzene	10.548	105	768857	16.128	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.972	83	331699	13.638	ppbv	98
64) n-propylbenzene	10.998	120	206336	16.907	ppbv	96
65) tert-Butylbenzene	11.539	119	650964	15.954	ppbv	100
66) Benzyl Chloride	11.623	91	72252	18.276	ppbv	100
67) sec-Butylbenzene	11.775	105	947810	15.163	ppbv	99
69) p-Isopropyltoluene	11.934	119	788083	15.841	ppbv	100
70) n-Butylbenzene	12.286	91	823159	16.424	ppbv	100
71) 2-Chlorotoluene	10.908	91	590171	16.735	ppbv	99
72) 4-Ethyltoluene	11.134	105	656169	17.026	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	536306	16.506	ppbv	99
74) 1,2,4-Trimethylbenzene	11.545	105	572169	15.437	ppbv	95
75) 1,3-Dichlorobenzene	11.616	146	373171	14.350	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	371536	15.054	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	356431	13.568	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	249100	12.174	ppbv	99
79) Naphthalene	13.520	128	583427	18.988	ppbv	99
80) Naphthalene,2-methyl-	14.461	142	289438	22.526	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	293572	16.284	ppbv	99

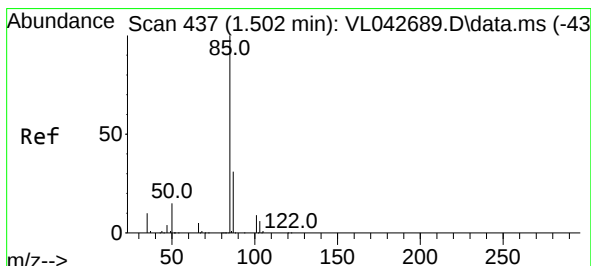
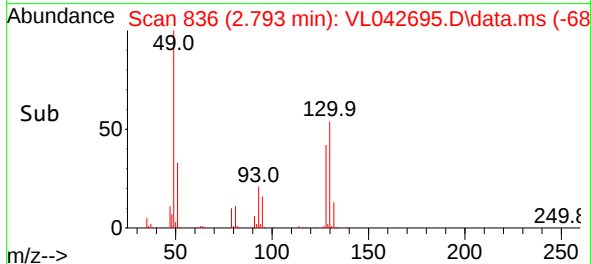
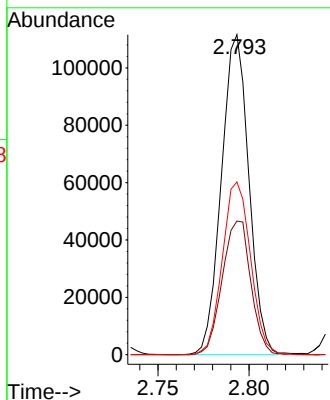
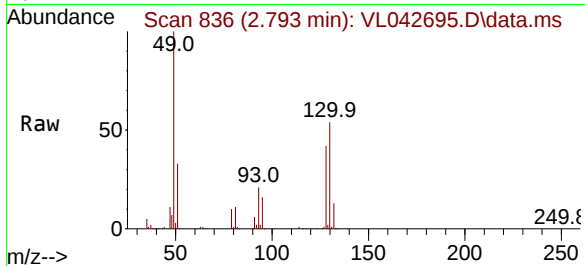
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 836
 Delta R.T. -0.004 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

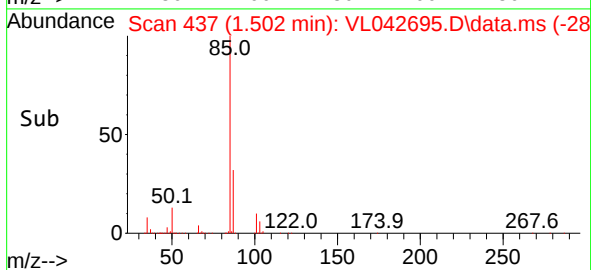
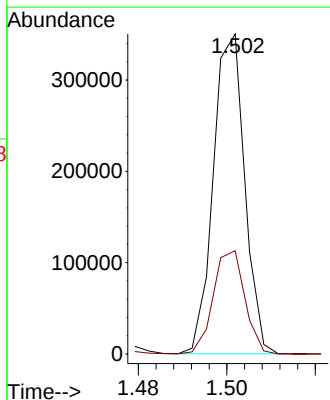
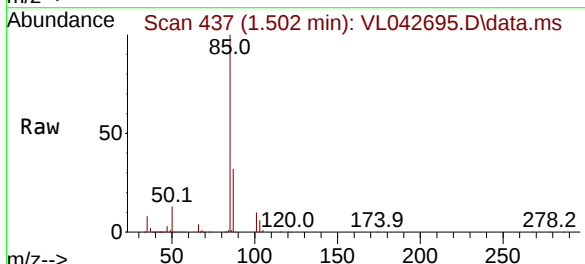
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

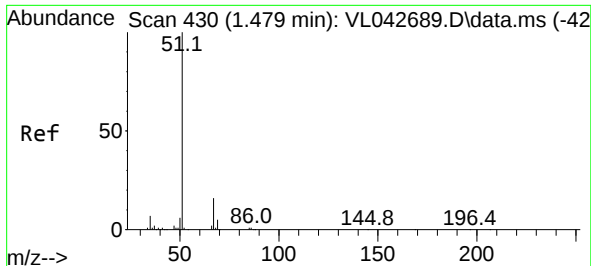
Tgt Ion: 49 Resp: 117105
 Ion Ratio Lower Upper
 49 100
 128 43.6 21.4 64.2
 130 55.5 28.0 84.0



#2
 Dichlorodifluoromethane
 Concen: 14.041 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. -0.000 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 85 Resp: 172151
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.1 37.7

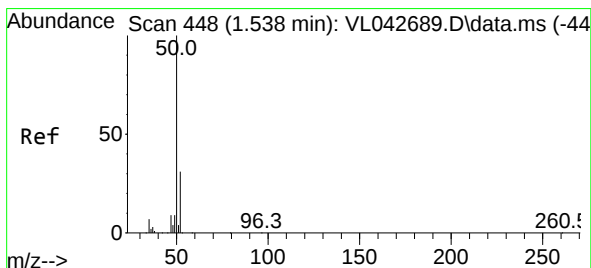
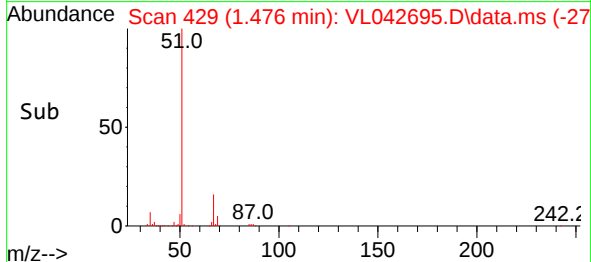
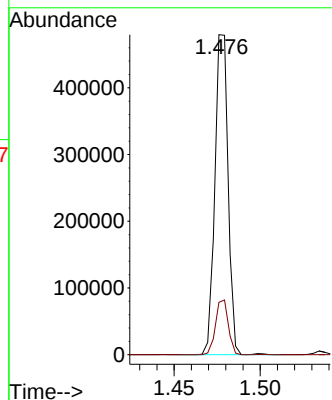
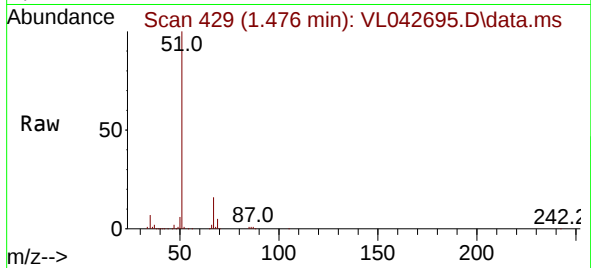




#3
Chlorodifluoromethane
Concen: 13.966 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

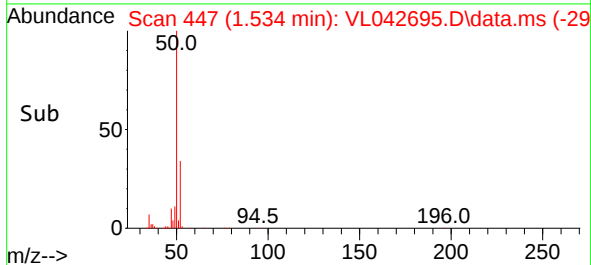
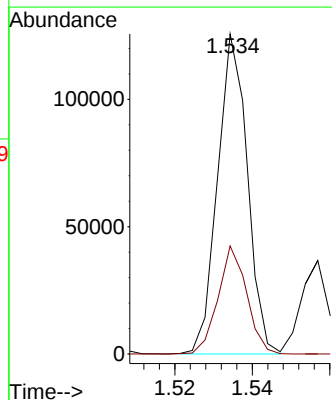
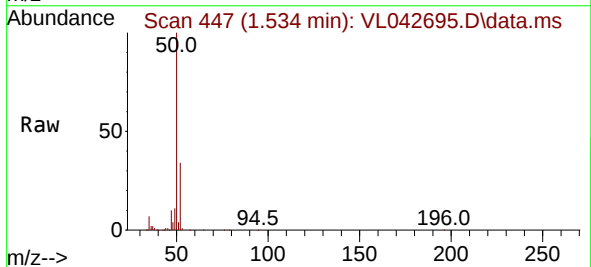
Instrument :
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ClientSampleId :
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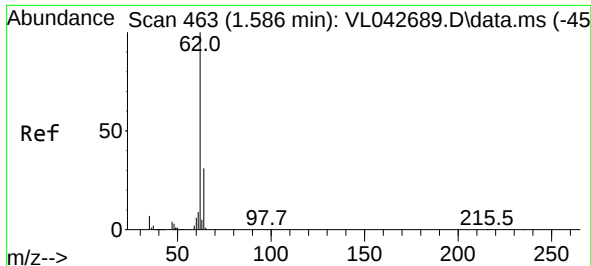
Tgt Ion: 51 Resp: 256009
Ion Ratio Lower Upper
51 100
67 16.6 13.1 19.7



#4
Chloromethane
Concen: 13.951 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 50 Resp: 67083
Ion Ratio Lower Upper
50 100
52 33.7 24.8 37.2

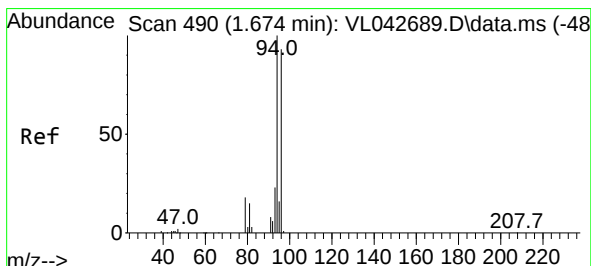
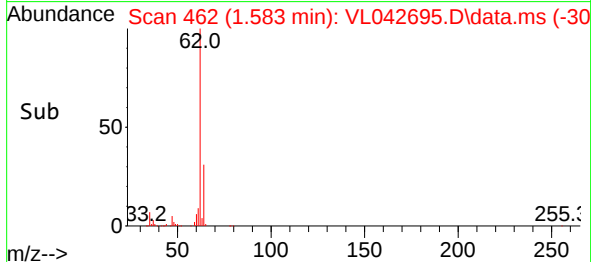
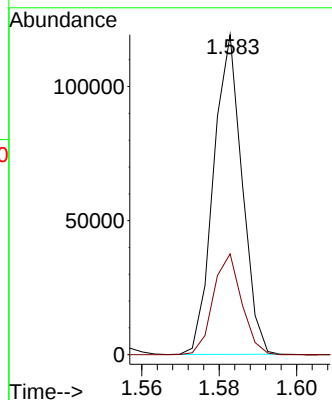
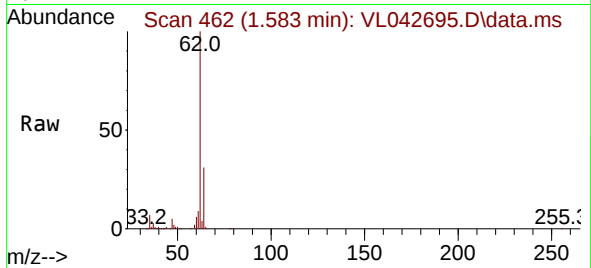




#5
 Vinyl Chloride
 Concen: 12.642 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

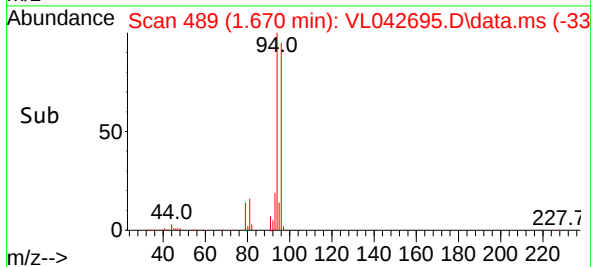
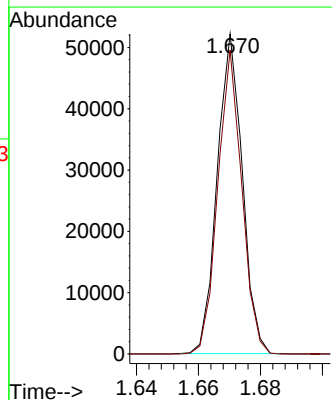
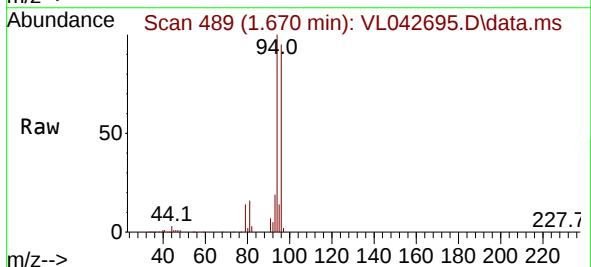
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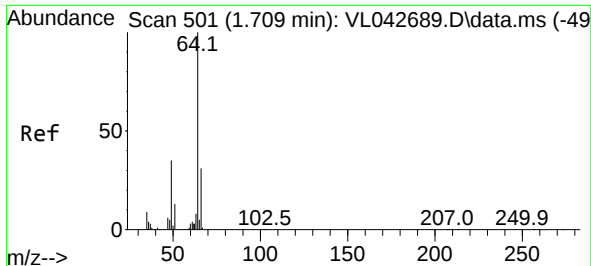
Tgt Ion: 62 Resp: 61102
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.1 37.7



#6
 Bromomethane
 Concen: 13.554 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 94 Resp: 29264
 Ion Ratio Lower Upper
 94 100
 96 95.1 74.6 112.0

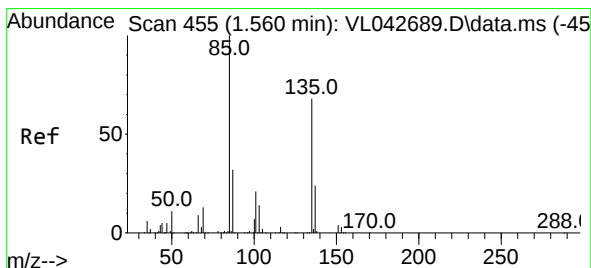
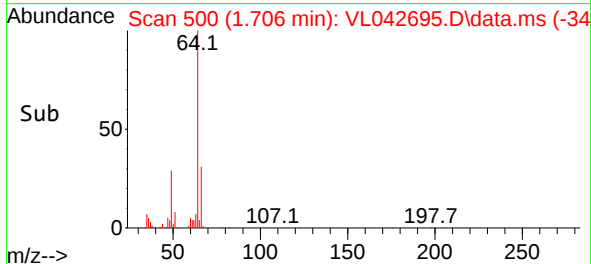
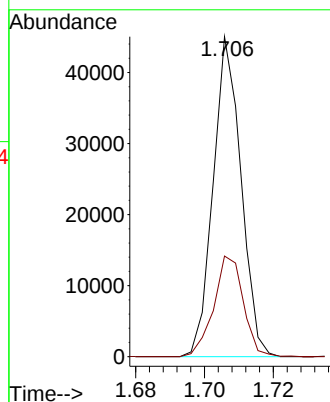
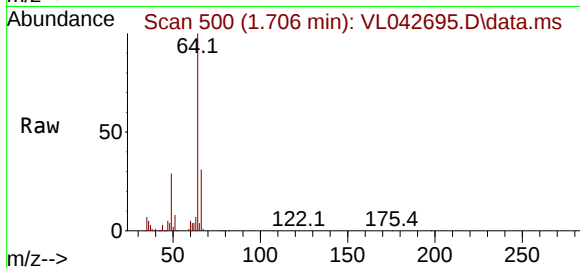




#7
Chloroethane
Concen: 13.649 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

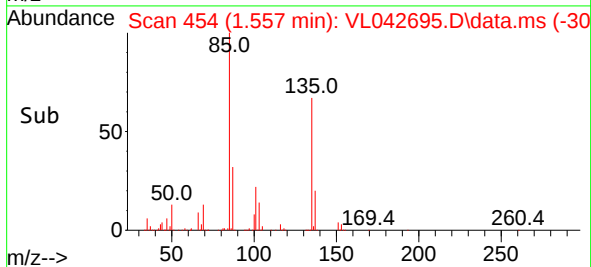
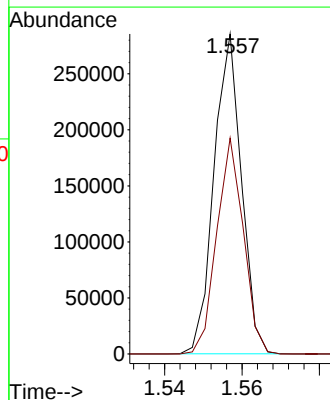
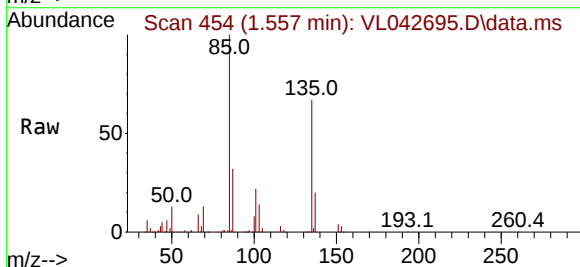
Instrument :
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ClientSampleId :
VSTDIC015

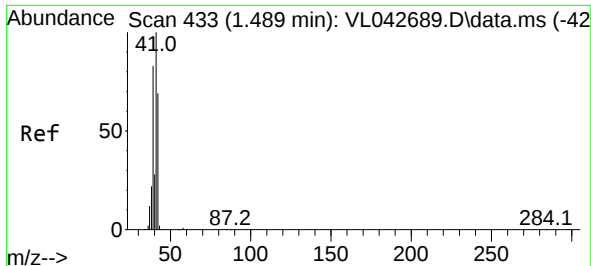
Tgt Ion: 64 Resp: 25330
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1



#8
Dichlorotetrafluoroethane
Concen: 13.817 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 85 Resp: 140342
Ion Ratio Lower Upper
85 100
135 65.7 52.6 79.0





#9

Propene

Concen: 14.259 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

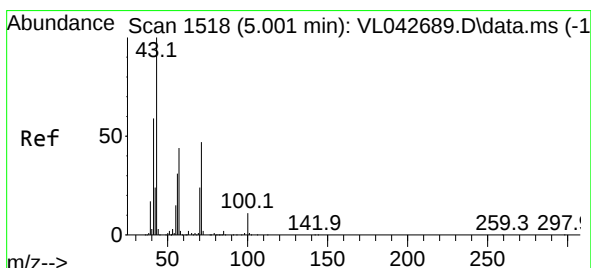
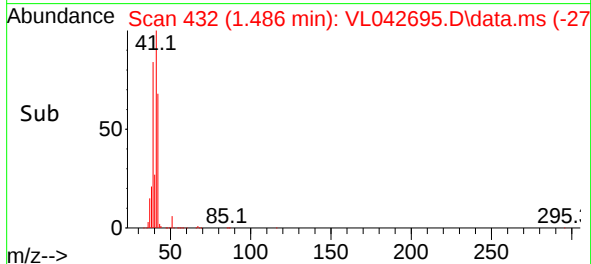
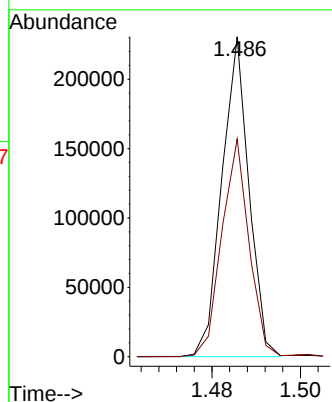
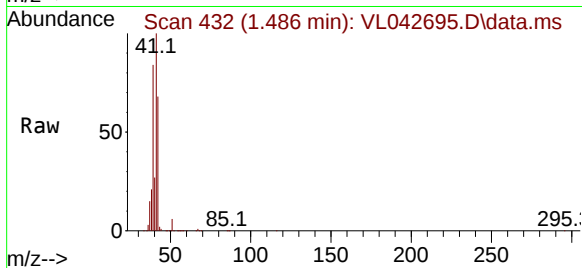
VSTDIC015

Tgt Ion: 41 Resp: 97807

Ion Ratio Lower Upper

41 100

42 69.3 55.6 83.4



#10

Heptane

Concen: 16.567 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. -0.010 min

Lab File: VL042695.D

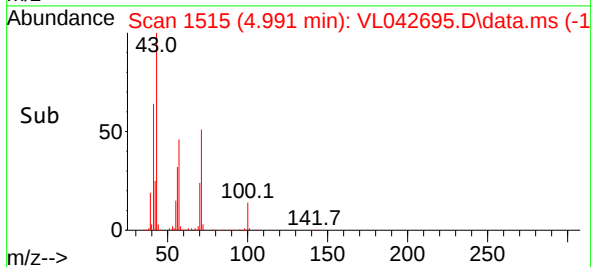
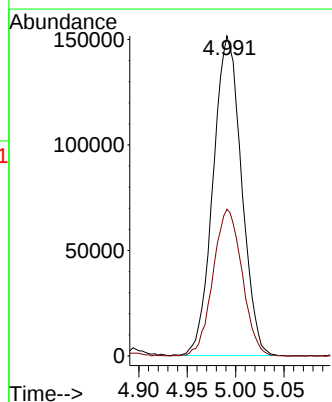
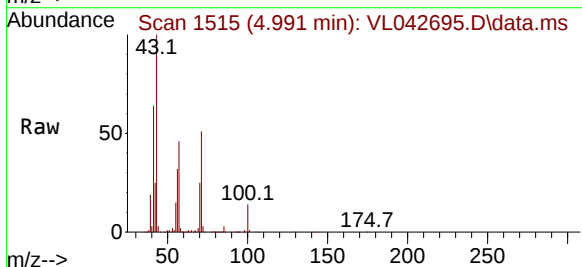
Acq: 02 Jul 2025 11:39

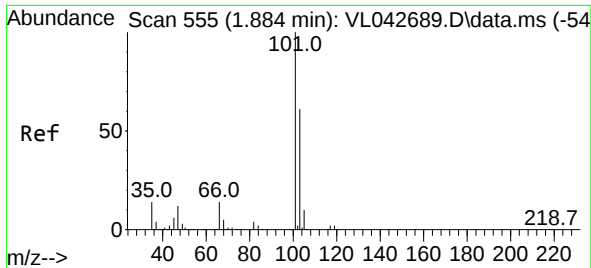
Tgt Ion: 43 Resp: 308403

Ion Ratio Lower Upper

43 100

57 47.1 37.4 56.0

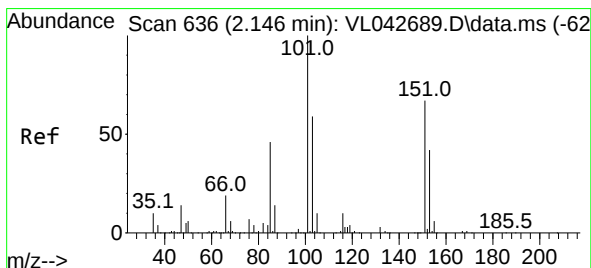
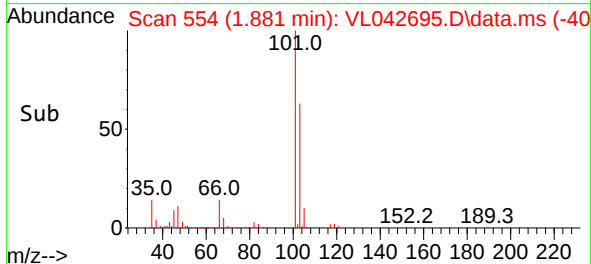
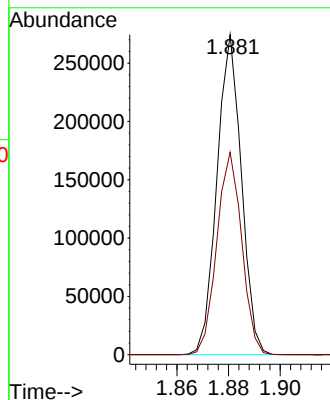
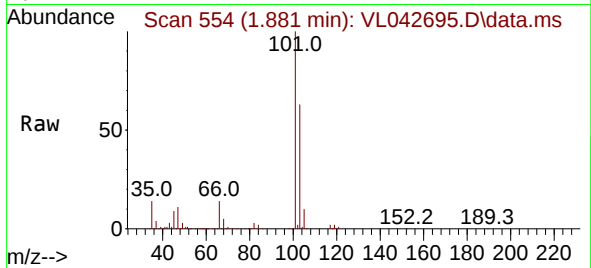




#11
 Trichlorofluoromethane
 Concen: 13.964 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

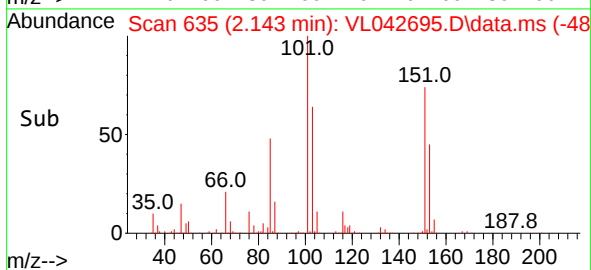
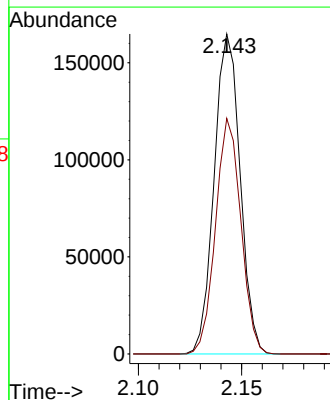
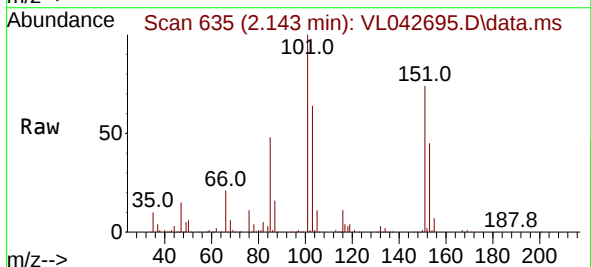
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

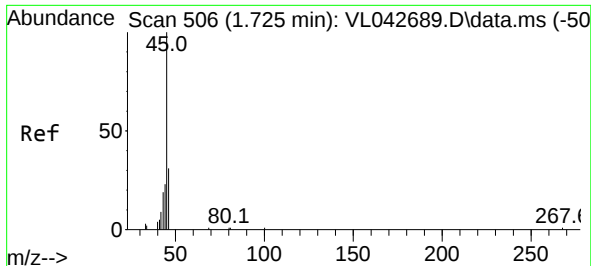
Tgt Ion:101 Resp: 180499
 Ion Ratio Lower Upper
 101 100
 103 63.2 48.9 73.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.093 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion:101 Resp: 144195
 Ion Ratio Lower Upper
 101 100
 151 71.8 56.6 84.8

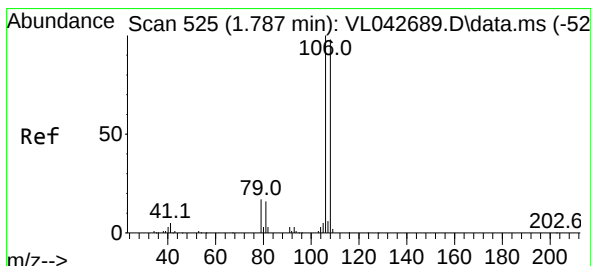
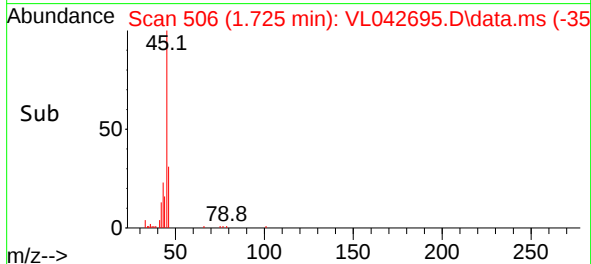
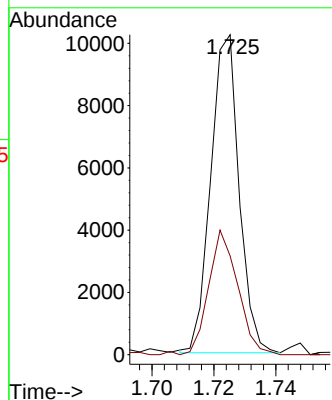
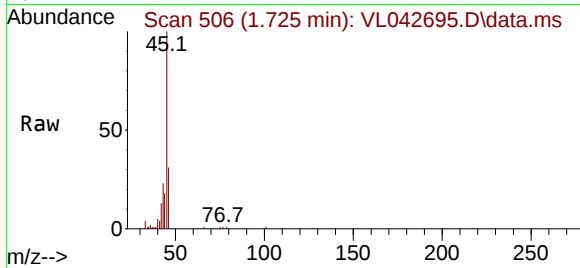




#13
Ethanol
Concen: 9.979 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.000 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

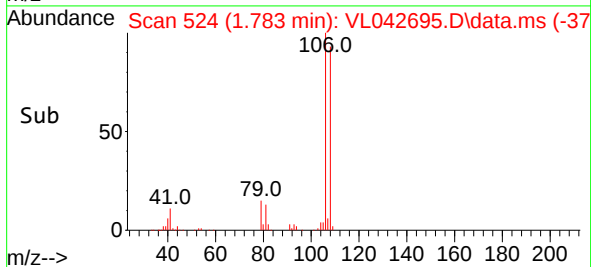
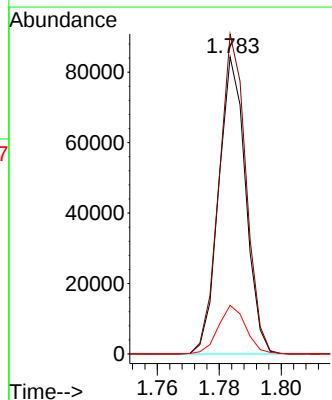
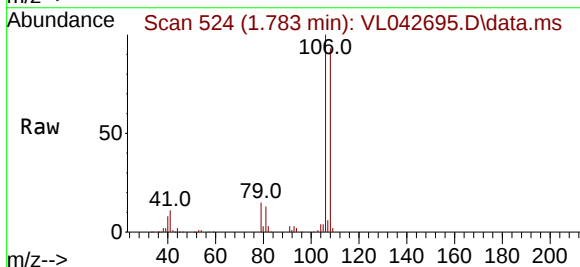
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

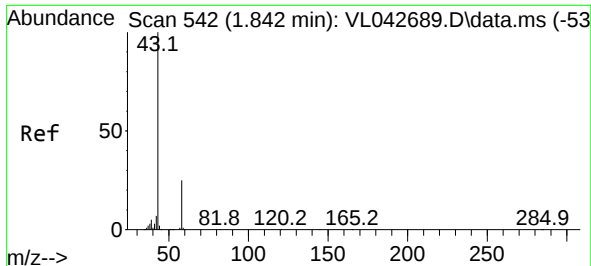
Tgt Ion: 45 Resp: 6502
Ion Ratio Lower Upper
45 100
46 40.4 15.2 60.8



#14
Bromoethene
Concen: 14.250 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 108 Resp: 50816
Ion Ratio Lower Upper
108 100
106 107.8 85.9 128.9
79 17.1 14.5 21.7

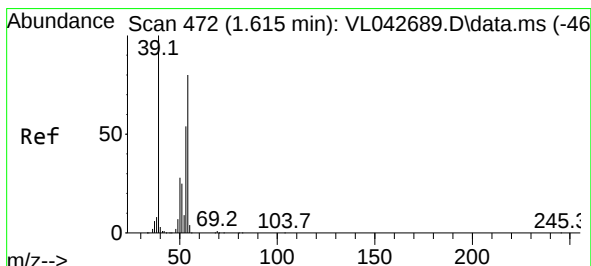
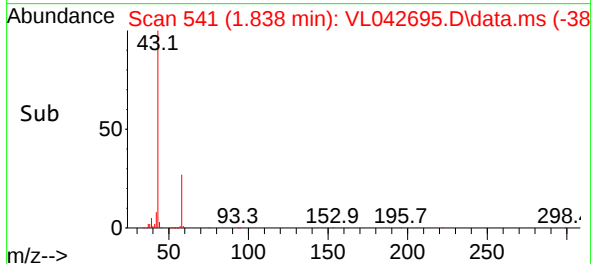
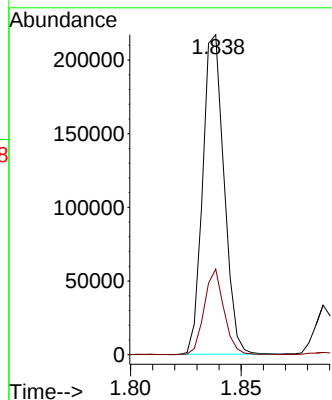
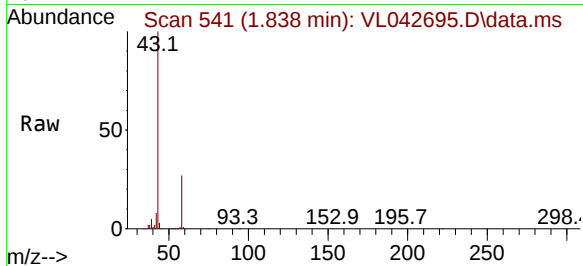




#15
Acetone
Concen: 12.551 ppbv
RT: 1.838 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

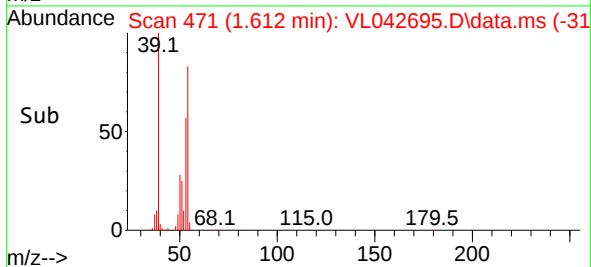
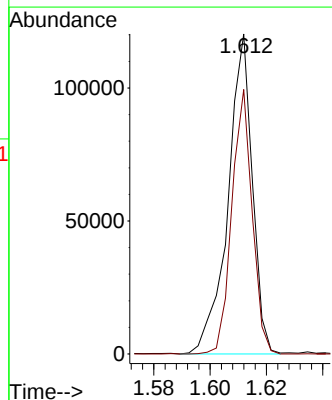
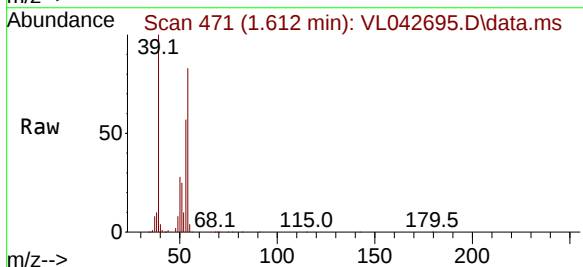
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

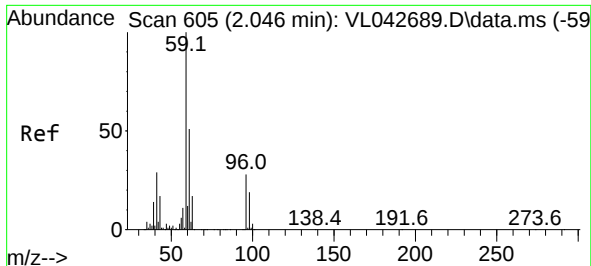
Tgt Ion: 43 Resp: 145775
Ion Ratio Lower Upper
43 100
58 24.8 20.6 31.0



#16
1,3-Butadiene
Concen: 13.505 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 39 Resp: 72281
Ion Ratio Lower Upper
39 100
54 68.9 54.9 82.3





#17

tert-Butyl alcohol

Concen: 13.951 ppbv

RT: 2.042 min Scan# 605

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

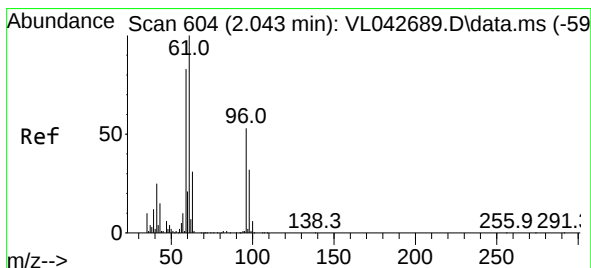
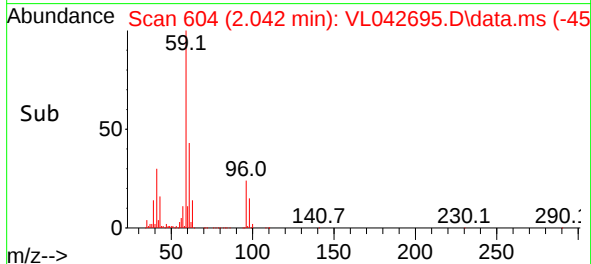
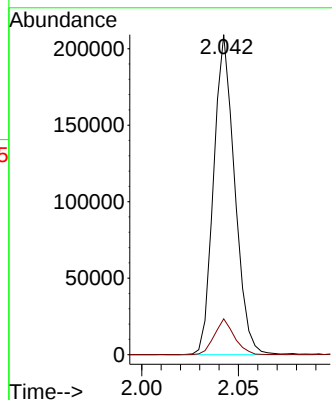
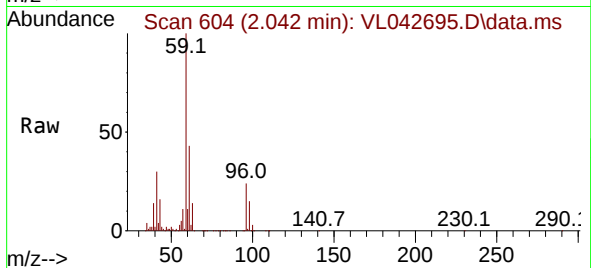
VSTDIC015

Tgt Ion: 59 Resp: 158067

Ion Ratio Lower Upper

59 100

57 10.7 8.8 13.2



#18

1,1-Dichloroethene

Concen: 13.761 ppbv

RT: 2.036 min Scan# 602

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

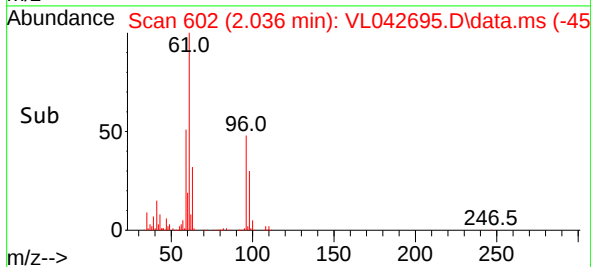
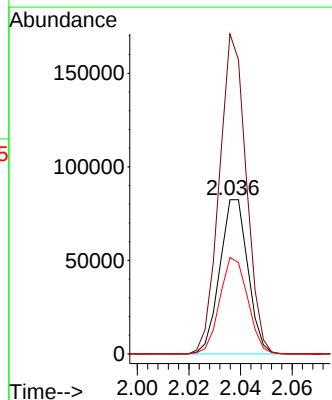
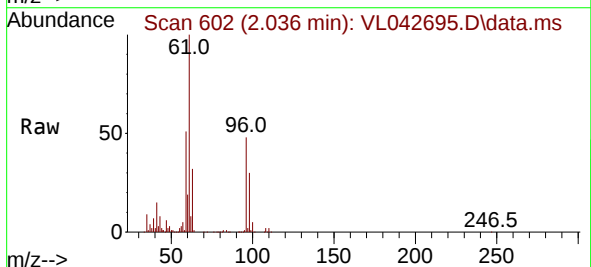
Tgt Ion: 96 Resp: 62555

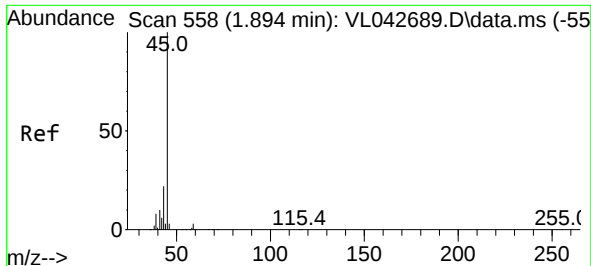
Ion Ratio Lower Upper

96 100

61 207.5 151.0 226.6

98 62.5 49.0 73.4





#19

Isopropyl Alcohol

Concen: 13.811 ppbv

RT: 1.887 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

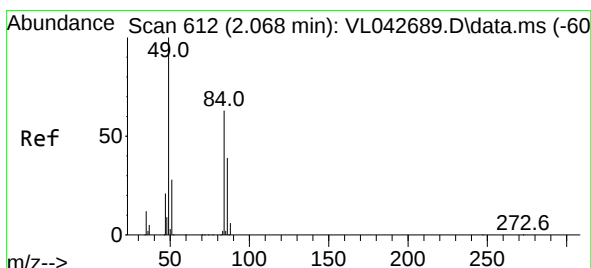
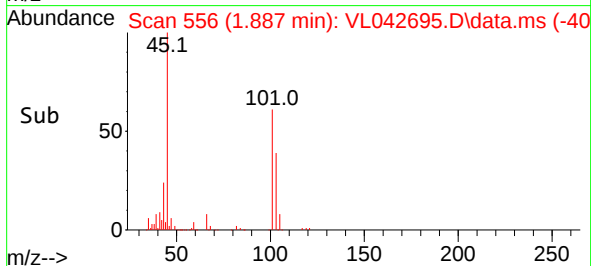
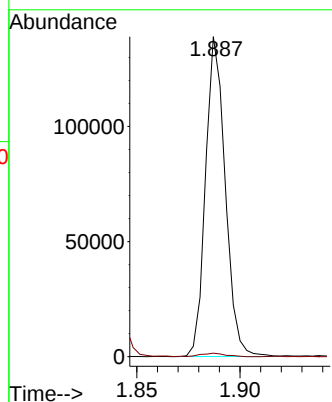
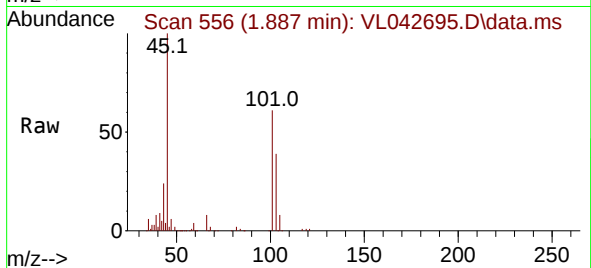
VSTDIC015

Tgt Ion: 45 Resp: 92196

Ion Ratio Lower Upper

45 100

58 39.2 1.4 2.2#



#20

Methylene Chloride

Concen: 12.405 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion: 84 Resp: 55096

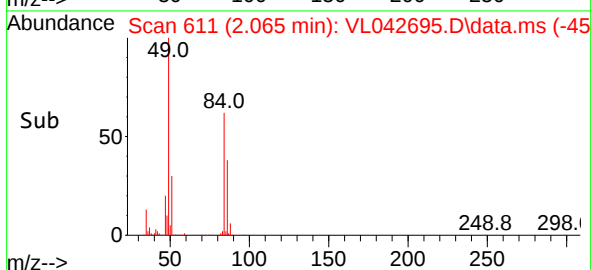
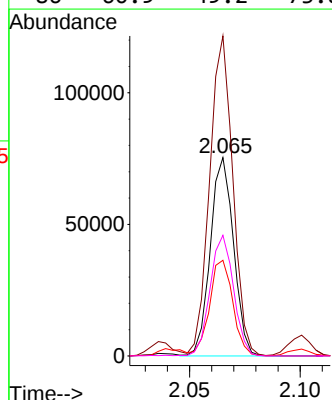
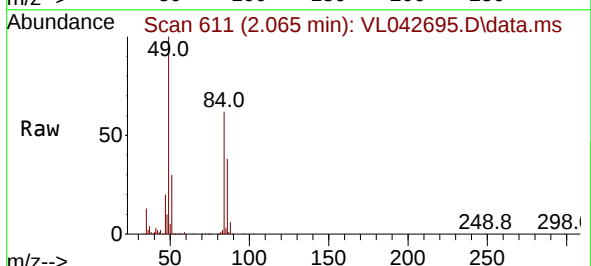
Ion Ratio Lower Upper

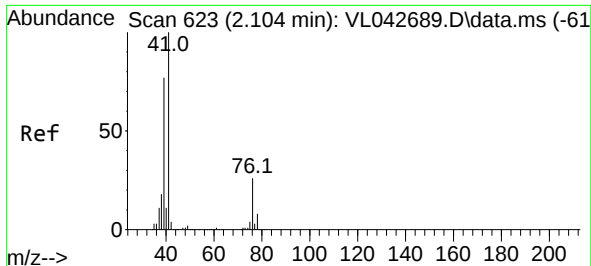
84 100

49 159.3 128.6 193.0

51 47.6 37.4 56.2

86 60.9 49.2 73.8





#21

Allyl Chloride

Concen: 14.709 ppbv

RT: 2.101 min Scan# 61

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

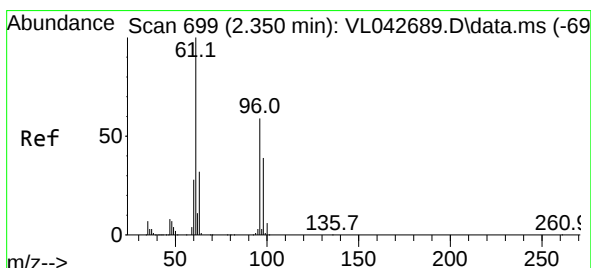
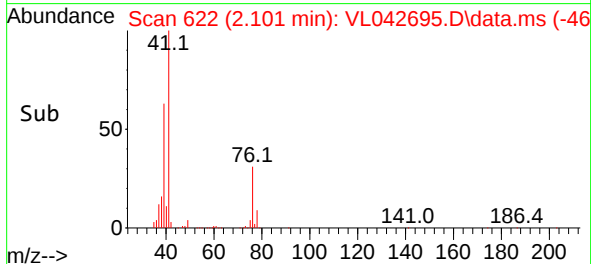
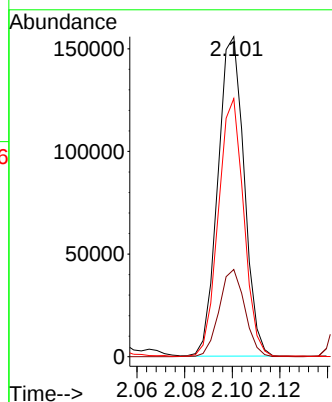
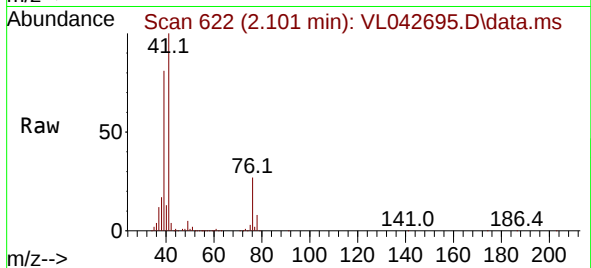
Tgt Ion: 41 Resp: 119161

Ion Ratio Lower Upper

41 100

76 26.7 21.7 32.5

39 77.8 63.4 95.2



#22

trans-1,2-Dichloroethene

Concen: 14.302 ppbv

RT: 2.347 min Scan# 698

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

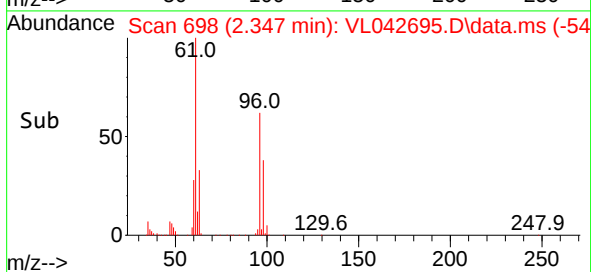
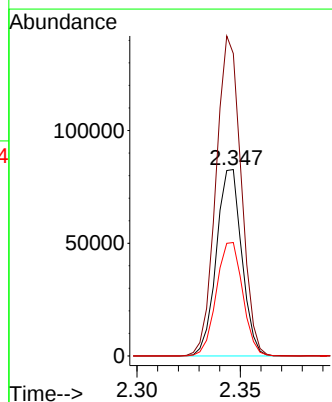
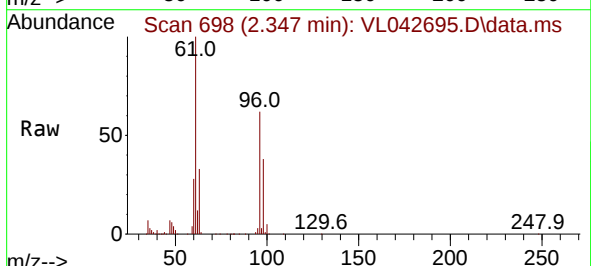
Tgt Ion: 96 Resp: 70815

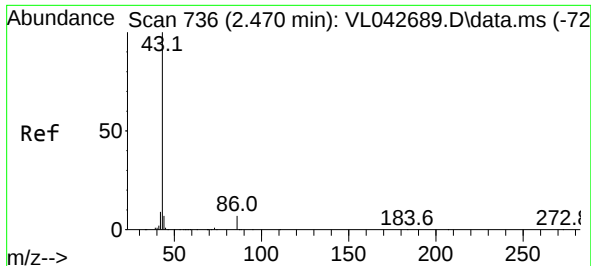
Ion Ratio Lower Upper

96 100

61 162.2 136.5 204.7

98 60.8 53.5 80.3



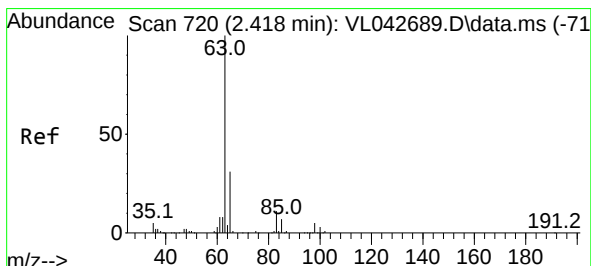
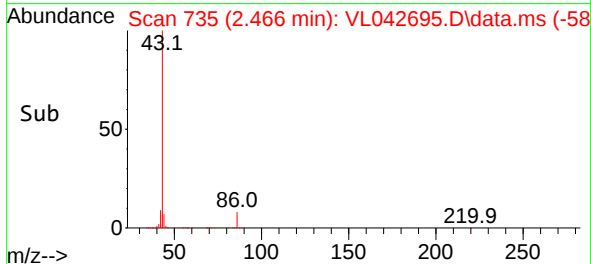
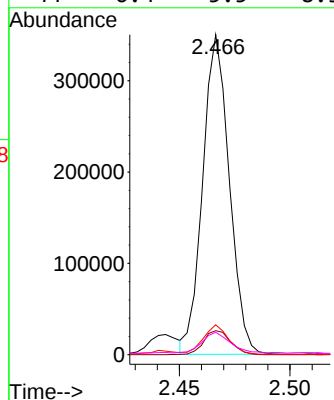
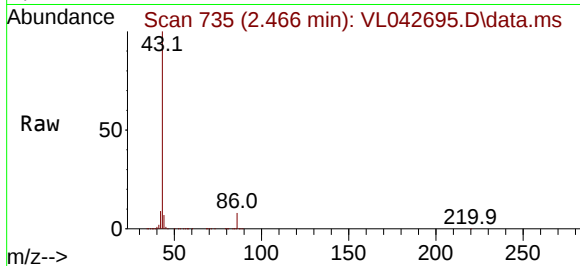


#23
 Vinyl Acetate
 Concen: 15.582 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 43 Resp: 292863

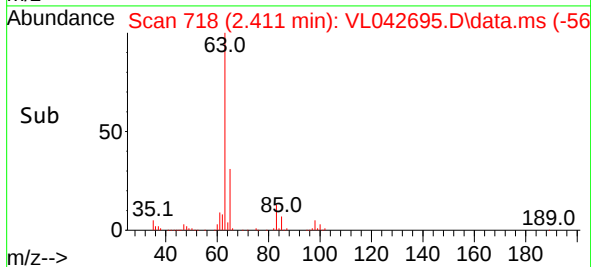
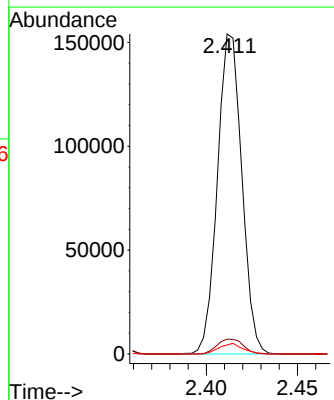
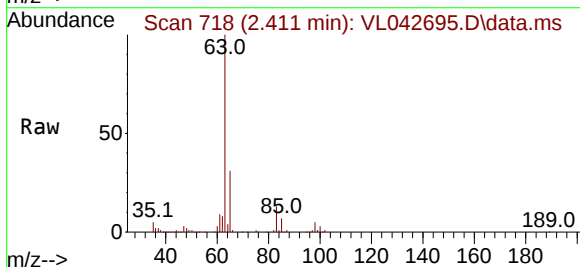
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.8	8.6
42	9.3	7.2	10.8
44	6.4	5.5	8.3

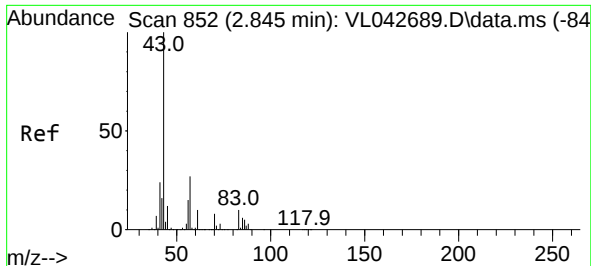


#24
 1,1-Dichloroethane
 Concen: 14.015 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 63 Resp: 143437

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.5	7.6
100	2.8	1.7	5.0

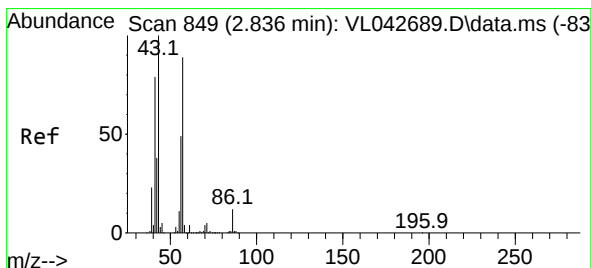
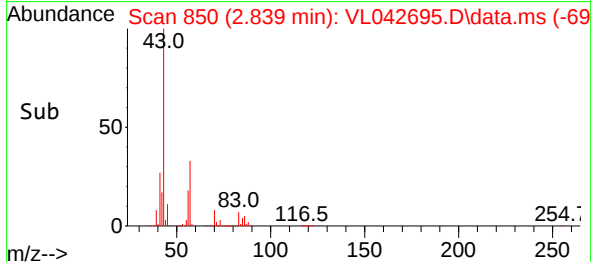
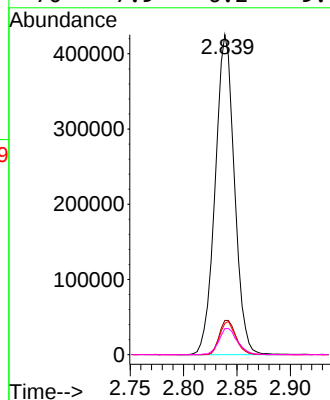
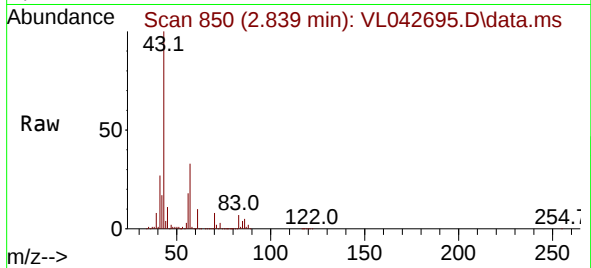




#25
Ethyl Acetate
Concen: 15.146 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

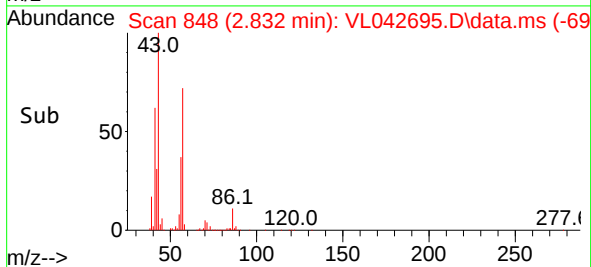
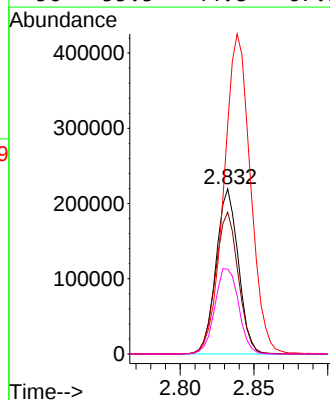
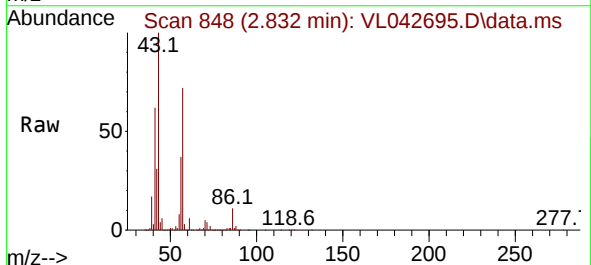
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

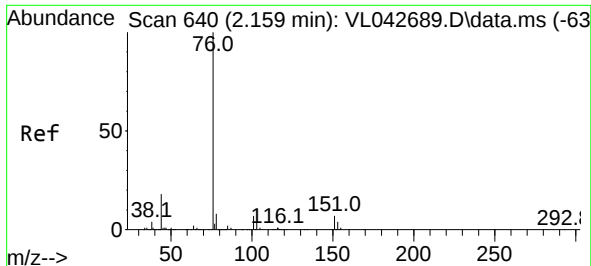
Tgt Ion: 43	Resp: 532134
Ion Ratio	Lower Upper
43 100	
45 9.4	8.1 12.1
61 8.7	7.0 10.6
70 7.9	6.2 9.4



#26
Hexane
Concen: 15.692 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 57	Resp: 230010
Ion Ratio	Lower Upper
57 100	
41 89.1	73.7 110.5
43 231.8	190.6 285.8
56 55.5	44.8 67.2

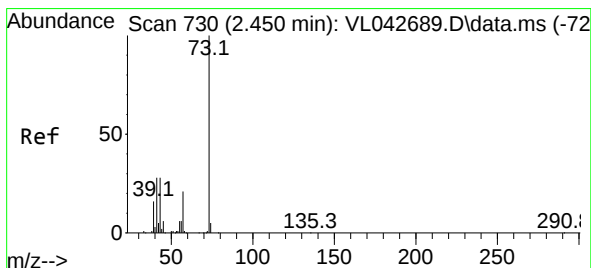
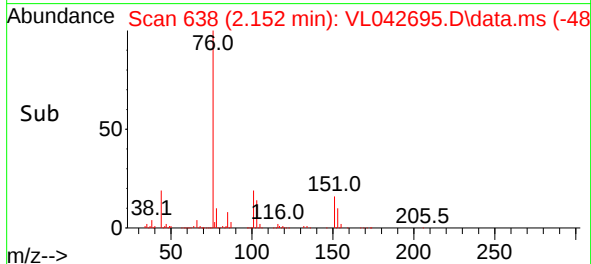
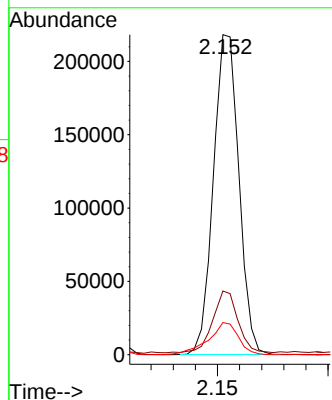
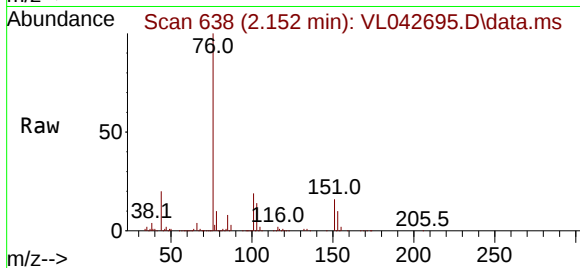




#27
Carbon Disulfide
Concen: 14.583 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

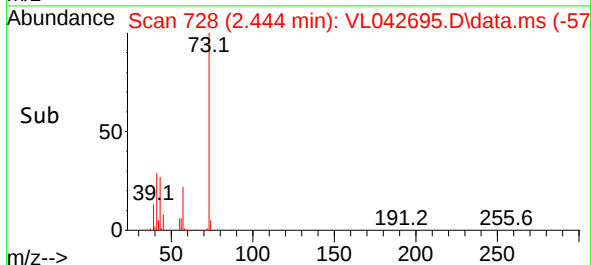
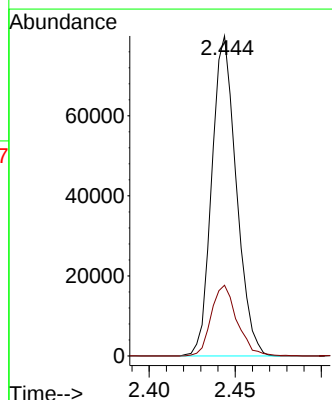
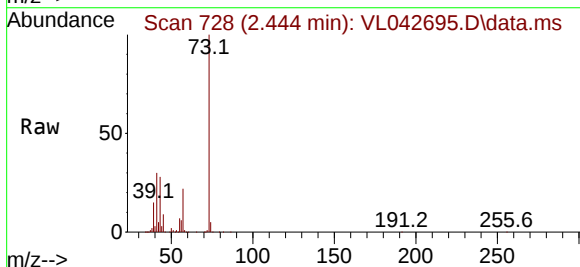
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

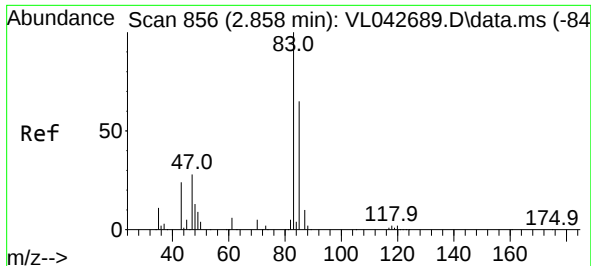
Tgt Ion: 76 Resp: 174309
Ion Ratio Lower Upper
76 100
44 19.2 15.6 23.4
78 11.8 9.2 13.8



#28
Methyl tert-Butyl Ether
Concen: 13.188 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 73 Resp: 79095
Ion Ratio Lower Upper
73 100
57 23.3 19.3 28.9





#29

Chloroform

Concen: 14.076 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

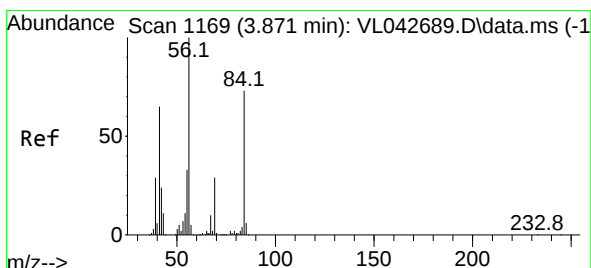
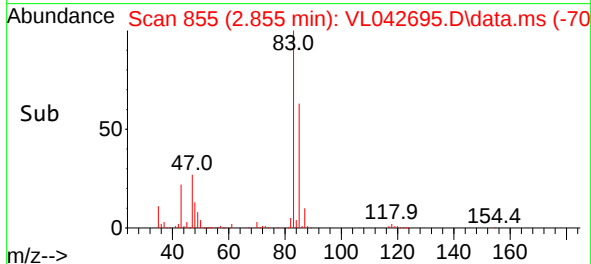
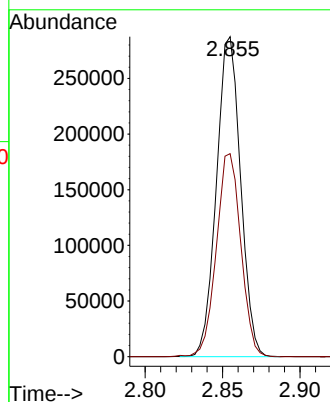
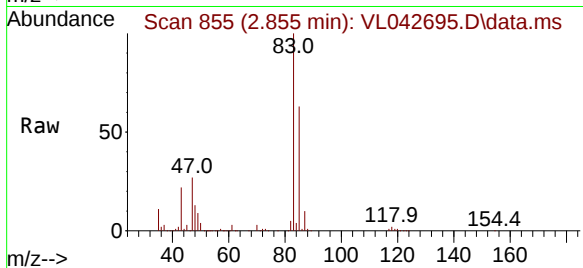
VSTDIC015

Tgt Ion: 83 Resp: 311665

Ion Ratio Lower Upper

83 100

85 63.5 52.4 78.6



#30

Cyclohexane

Concen: 16.454 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

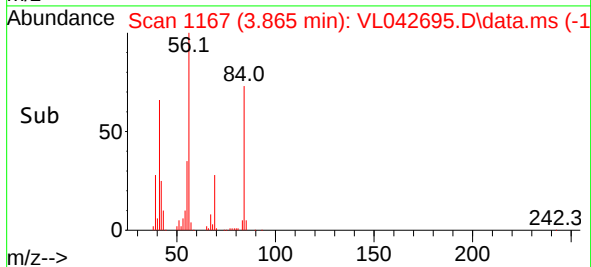
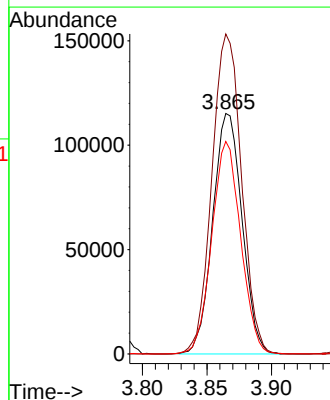
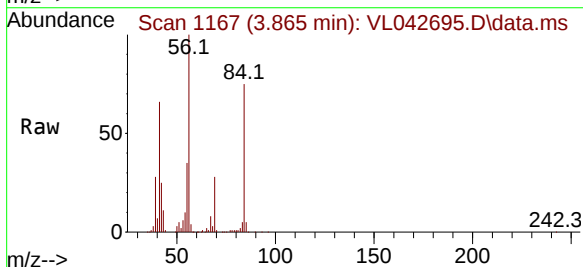
Tgt Ion: 84 Resp: 182243

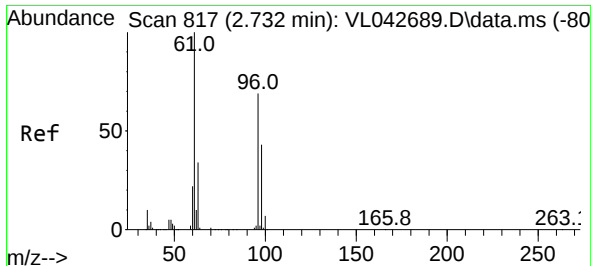
Ion Ratio Lower Upper

84 100

56 134.3 110.4 165.6

41 86.9 71.4 107.0



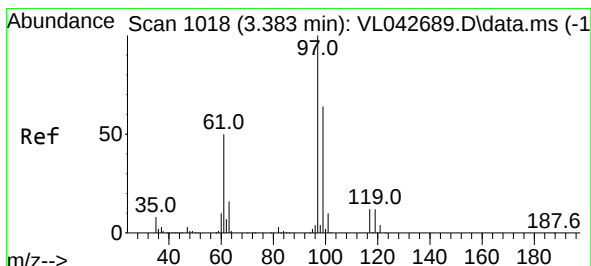
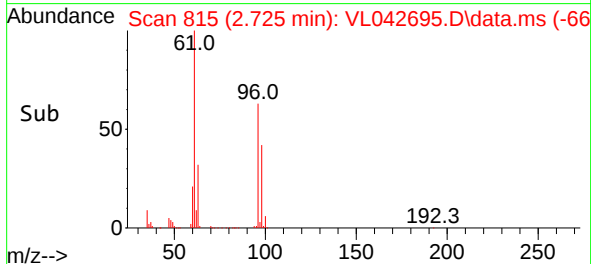
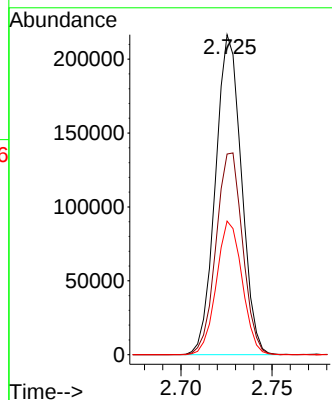
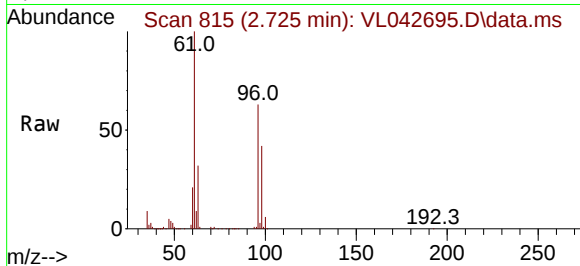


#31
 cis-1,2-Dichloroethene
 Concen: 15.381 ppbv
 RT: 2.725 min Scan# 817
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 214573

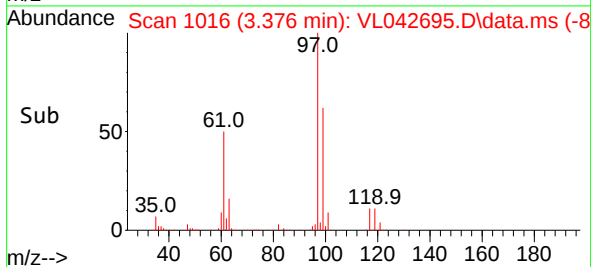
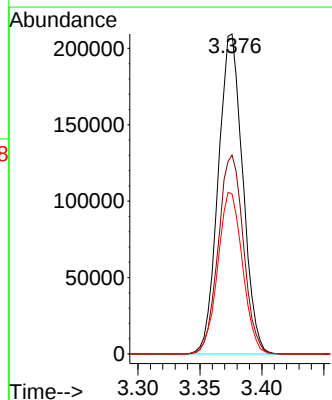
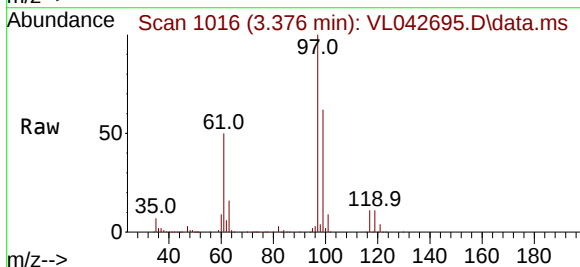
Ion	Ratio	Lower	Upper
61	100		
96	62.7	54.8	82.2
98	41.8	34.7	52.1

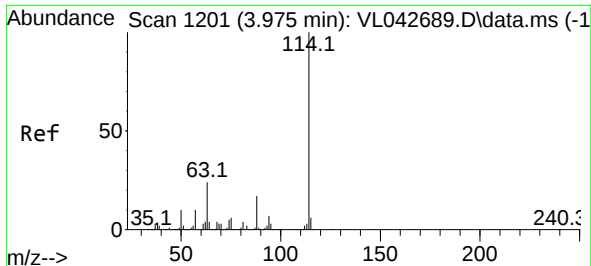


#32
 1,1,1-Trichloroethane
 Concen: 13.633 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 97 Resp: 288461

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	51.1	41.1	61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

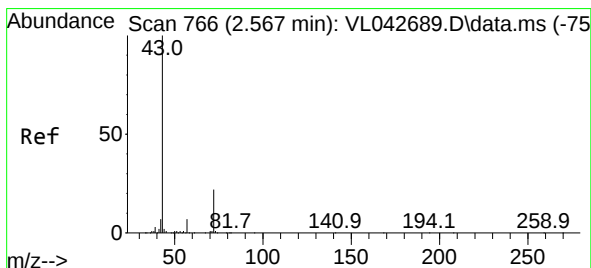
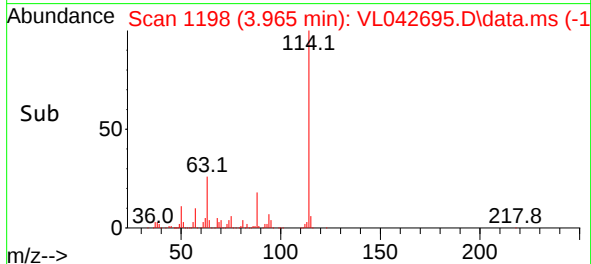
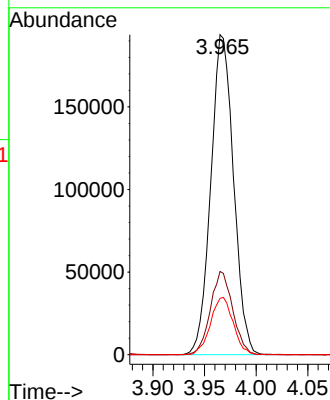
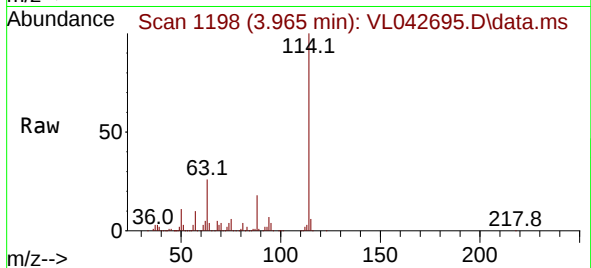
Tgt Ion:114 Resp: 296435

Ion Ratio Lower Upper

114 100

63 25.6 20.4 30.6

88 17.9 14.2 21.2



#34

2-Butanone

Concen: 14.884 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.007 min

Lab File: VL042695.D

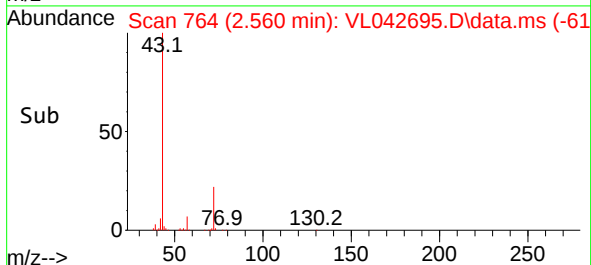
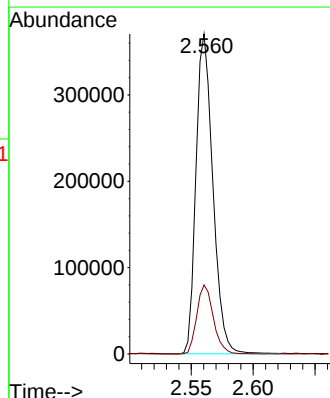
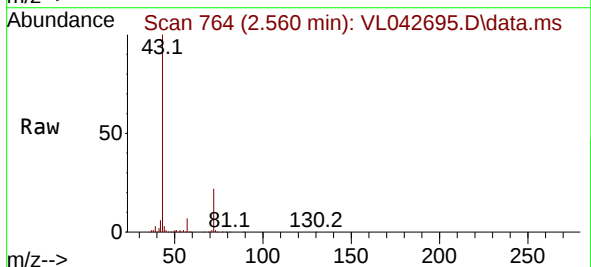
Acq: 02 Jul 2025 11:39

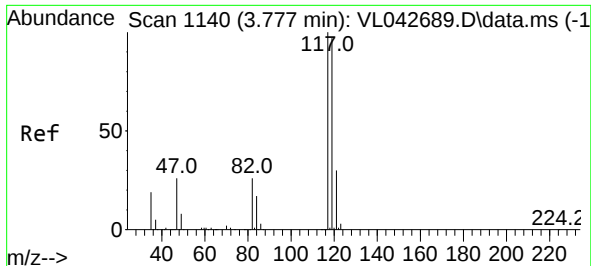
Tgt Ion: 43 Resp: 349225

Ion Ratio Lower Upper

43 100

72 21.3 17.1 25.7

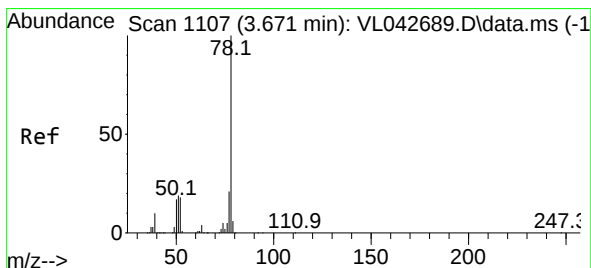
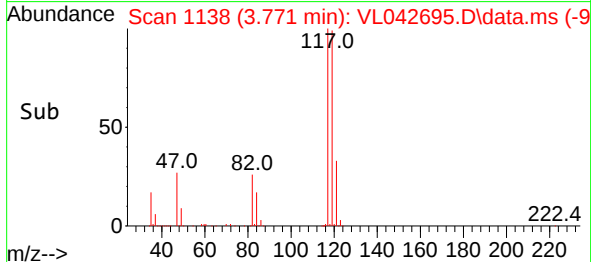
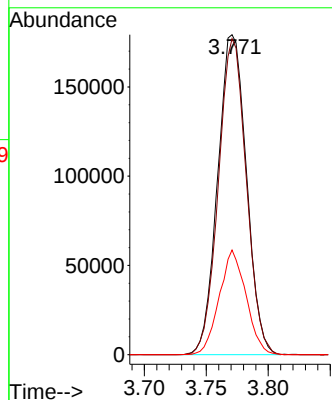
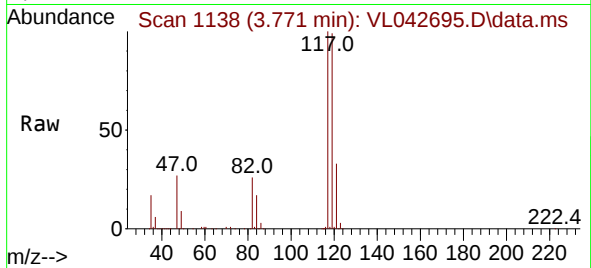




#35
Carbon Tetrachloride
Concen: 14.098 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

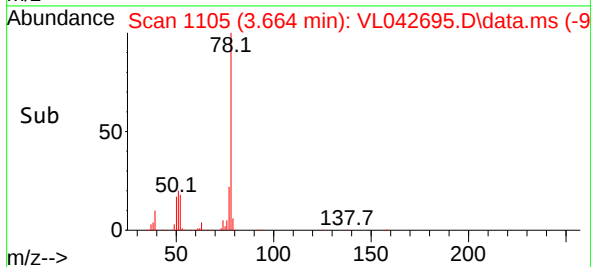
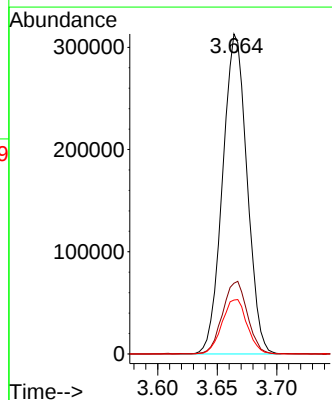
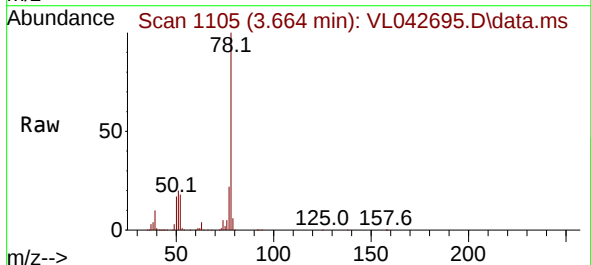
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

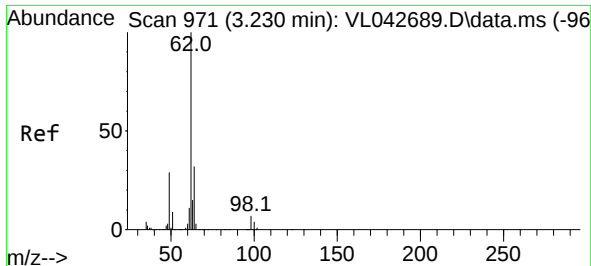
Tgt Ion:117 Resp: 289865
Ion Ratio Lower Upper
117 100
119 98.7 77.6 116.4
121 32.7 24.0 36.0



#36
Benzene
Concen: 14.948 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 78 Resp: 446618
Ion Ratio Lower Upper
78 100
77 22.0 17.0 25.4
50 16.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 14.313 ppbv

RT: 3.224 min Scan# 9

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

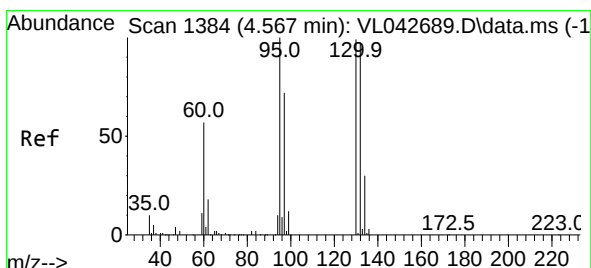
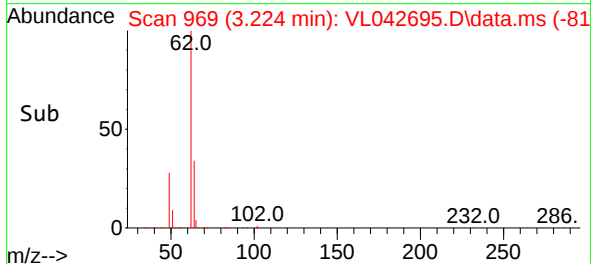
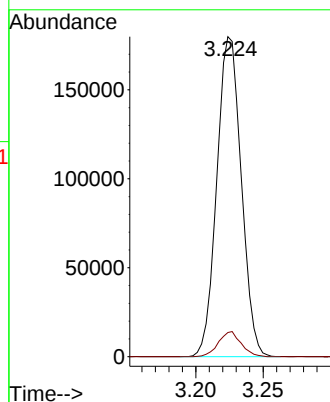
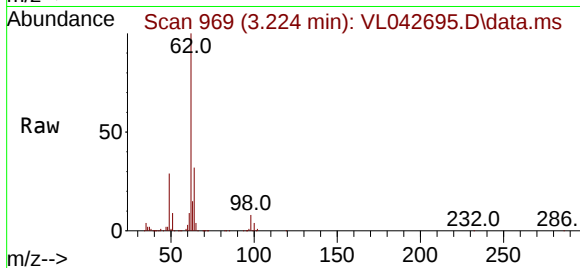
VSTDIC015

Tgt Ion: 62 Resp: 227106

Ion Ratio Lower Upper

62 100

98 7.3 5.8 8.8



#38

Trichloroethene

Concen: 14.018 ppbv

RT: 4.561 min Scan# 1382

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion:130 Resp: 180970

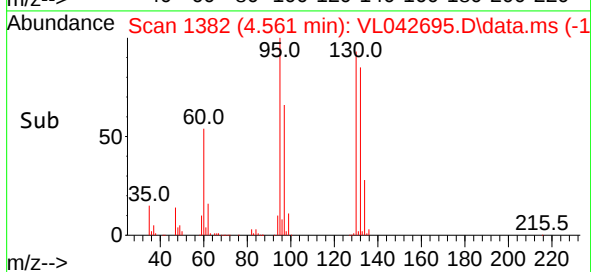
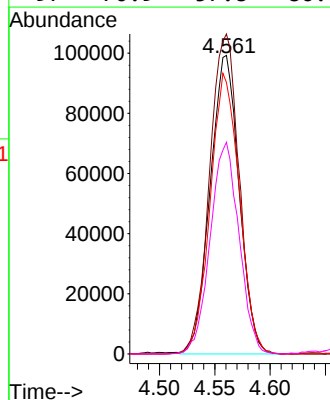
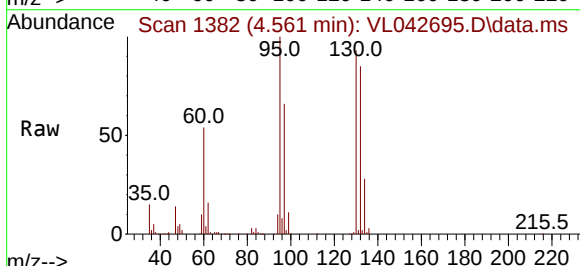
Ion Ratio Lower Upper

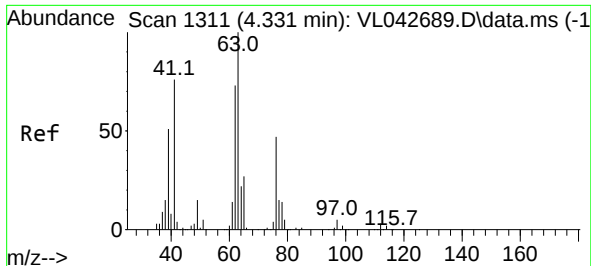
130 100

95 107.2 81.1 121.7

132 90.9 77.9 116.9

97 70.9 57.8 86.8





#39

1,2-Dichloropropane

Concen: 14.469 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

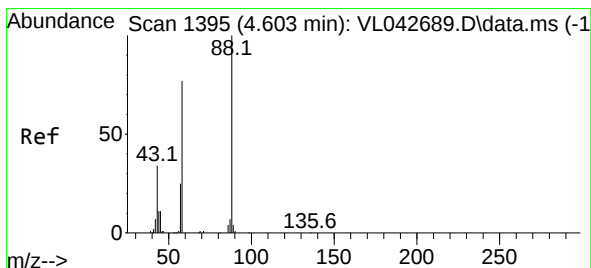
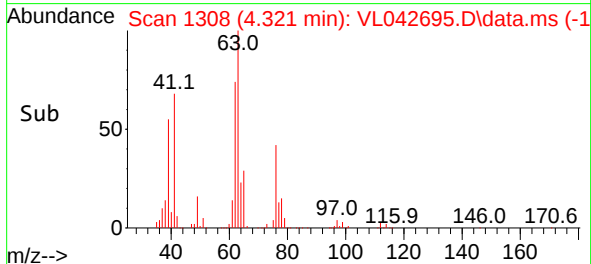
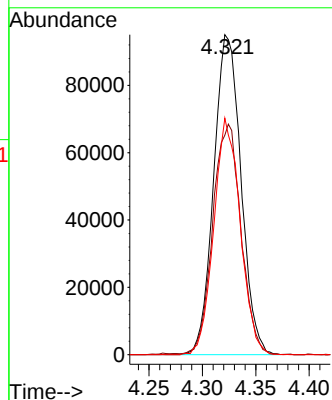
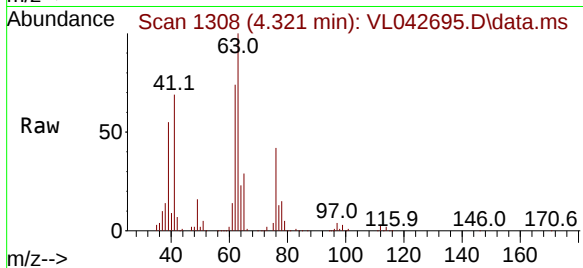
Tgt Ion: 63 Resp: 168680

Ion Ratio Lower Upper

63 100

41 68.6 60.8 91.2

62 73.9 58.6 87.8



#40

1,4-Dioxane

Concen: 9.620 ppbv

RT: 4.593 min Scan# 1392

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Tgt Ion: 88 Resp: 43091

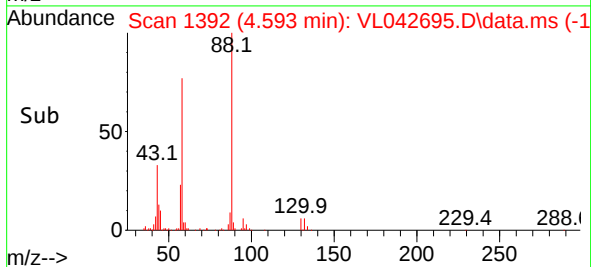
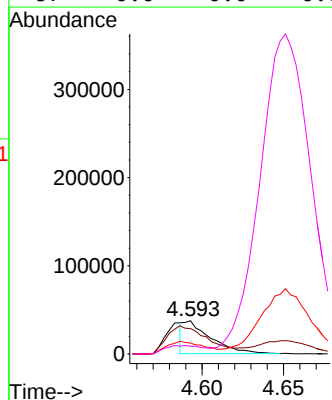
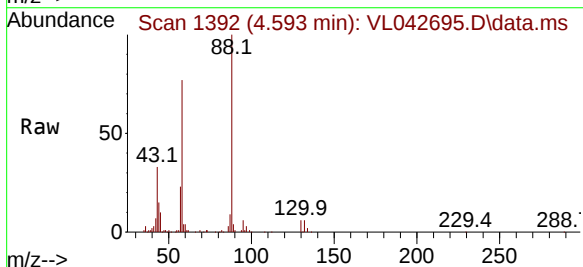
Ion Ratio Lower Upper

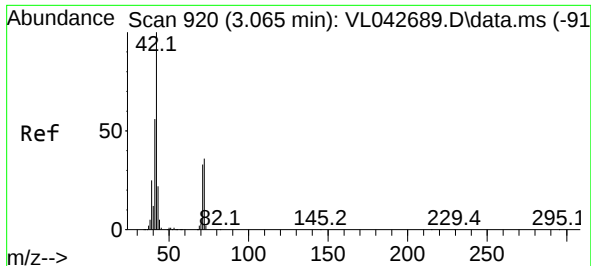
88 100

58 132.5 62.1 93.1#

43 58.3 26.2 39.2#

57 0.0 0.0 0.0

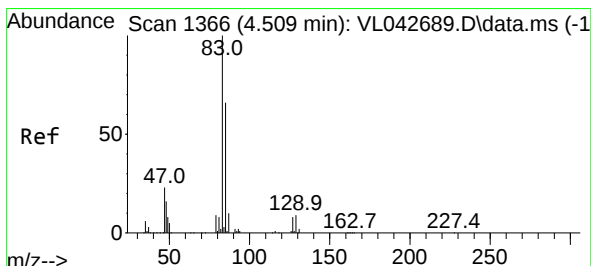
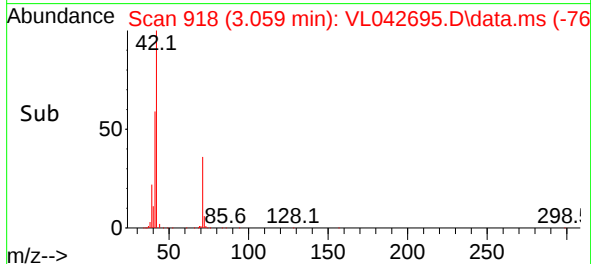
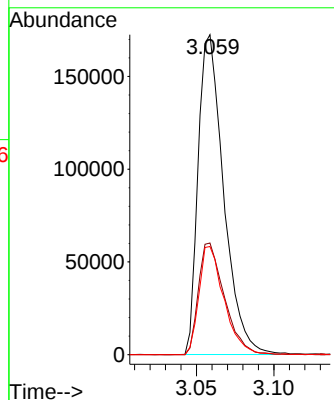
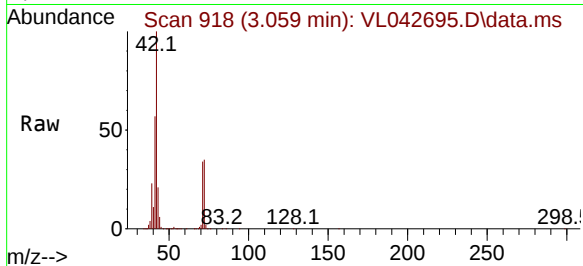




#41
Tetrahydrofuran
Concen: 16.565 ppbv
RT: 3.059 min Scan# 918
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

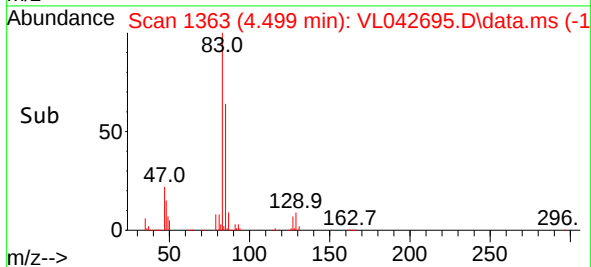
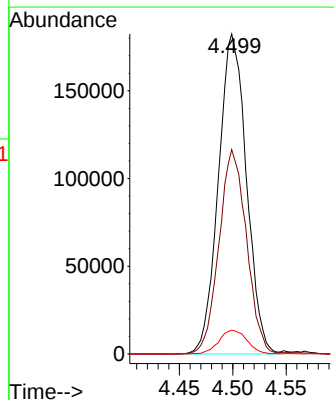
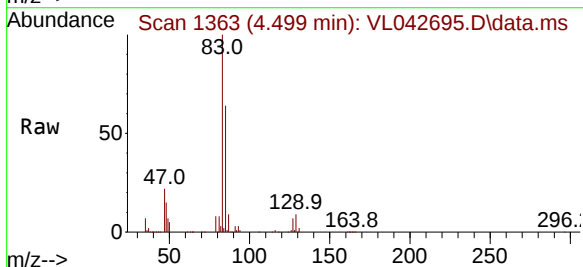
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

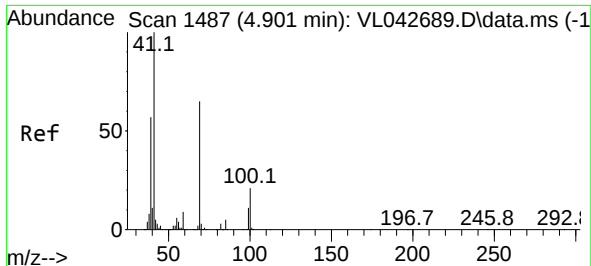
Tgt Ion: 42 Resp: 198055
Ion Ratio Lower Upper
42 100
72 35.6 28.2 42.4
71 33.5 25.4 38.0



#42
Bromodichloromethane
Concen: 14.812 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 83 Resp: 332896
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 7.5 6.1 9.1

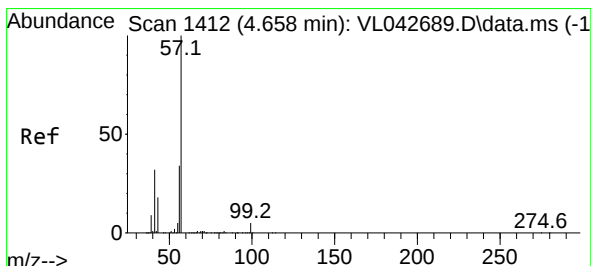
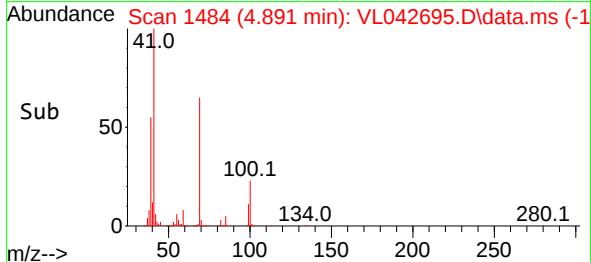
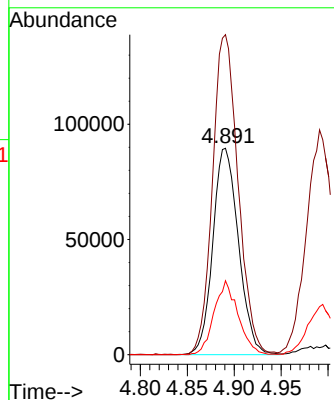
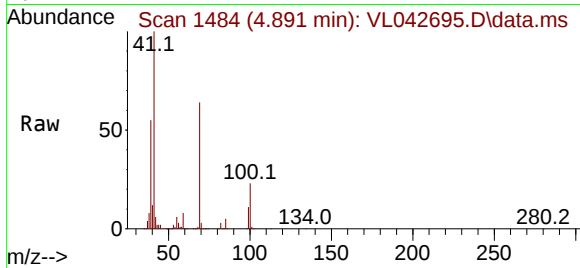




#43
Methyl Methacrylate
Concen: 17.734 ppbv
RT: 4.891 min Scan# 1487
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

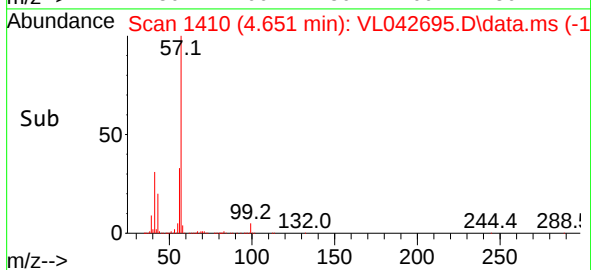
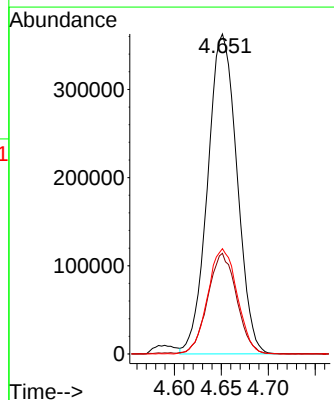
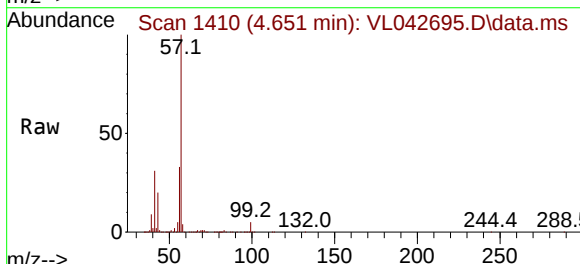
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

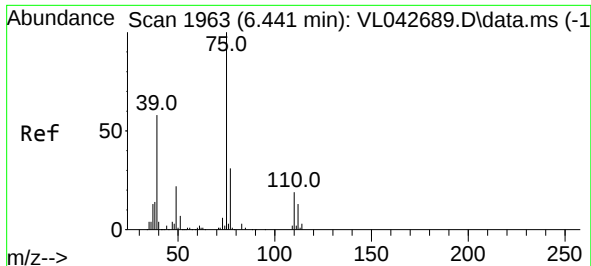
Tgt Ion: 69 Resp: 170155
Ion Ratio Lower Upper
69 100
41 154.6 125.4 188.2
100 33.6 26.4 39.6



#44
2,2,4-Trimethylpentane
Concen: 15.802 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 57 Resp: 787806
Ion Ratio Lower Upper
57 100
41 31.5 25.2 37.8
56 33.2 26.3 39.5





#45

t-1,3-Dichloropropene

Concen: 17.811 ppbv

RT: 6.428 min Scan# 1963

Delta R.T. -0.013 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

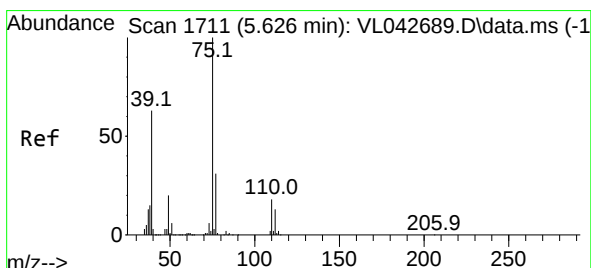
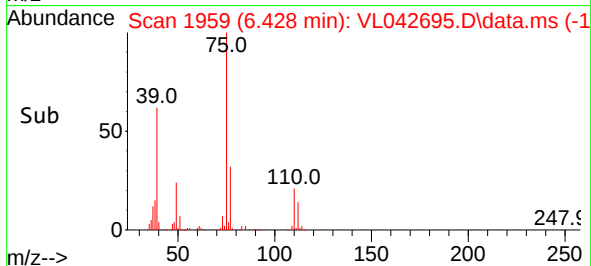
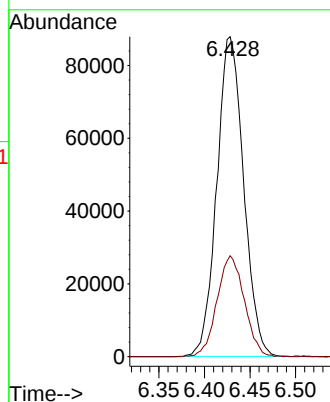
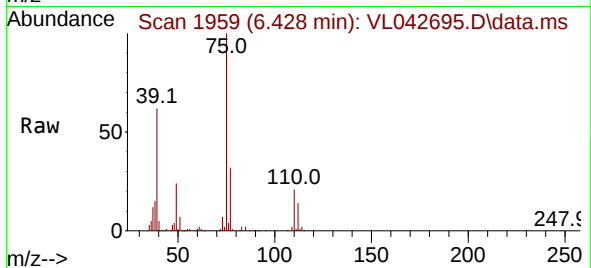
VSTDIC015

Tgt Ion: 75 Resp: 179598

Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4



#46

cis-1,3-Dichloropropene

Concen: 16.994 ppbv

RT: 5.612 min Scan# 1707

Delta R.T. -0.013 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

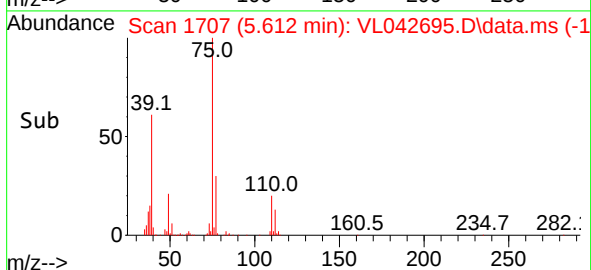
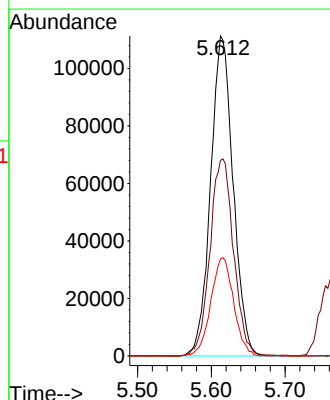
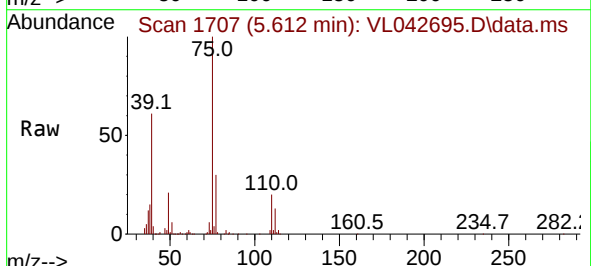
Tgt Ion: 75 Resp: 236433

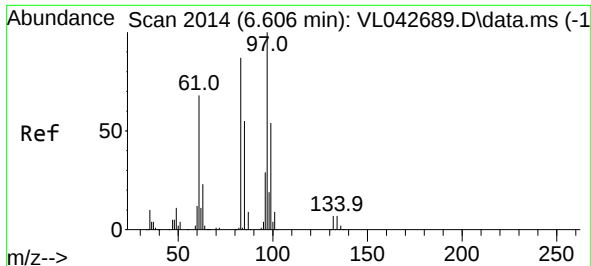
Ion Ratio Lower Upper

75 100

39 61.1 50.6 75.8

77 30.3 24.8 37.2

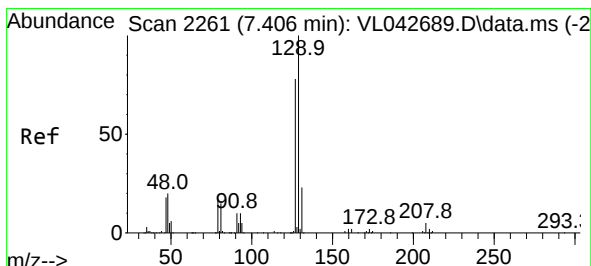
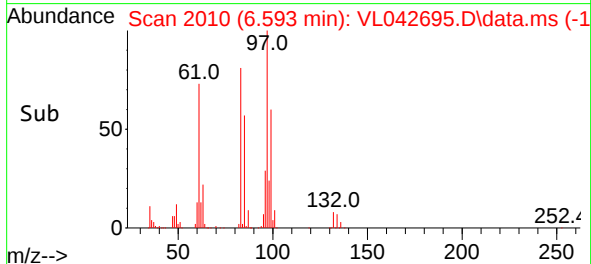
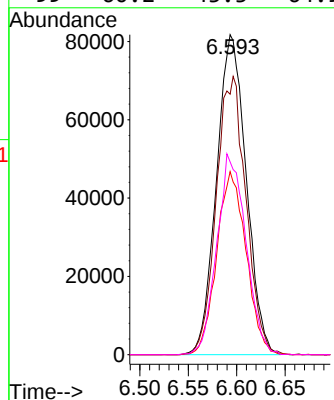
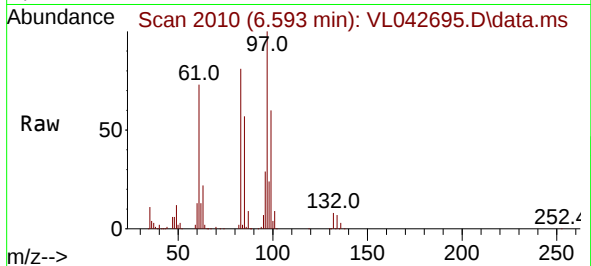




#47
1,1,2-Trichloroethane
Concen: 15.194 ppbv
RT: 6.593 min Scan# 2014
Delta R.T. -0.013 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

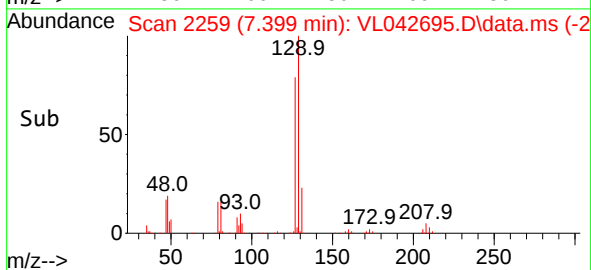
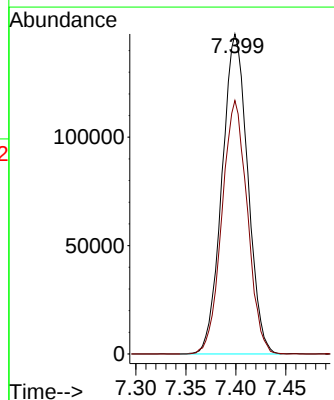
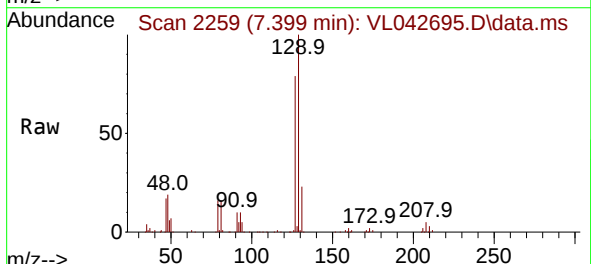
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

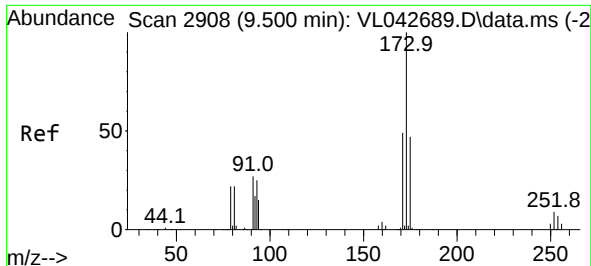
Tgt Ion: 97 Resp: 174366
Ion Ratio Lower Upper
97 100
83 81.3 69.3 103.9
85 57.2 43.7 65.5
99 60.2 43.3 64.9



#48
Dibromochloromethane
Concen: 15.064 ppbv
RT: 7.399 min Scan# 2259
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 129 Resp: 264716
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.8

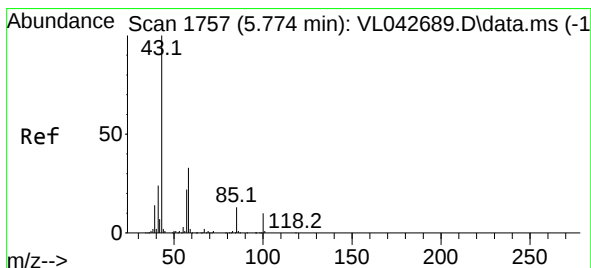
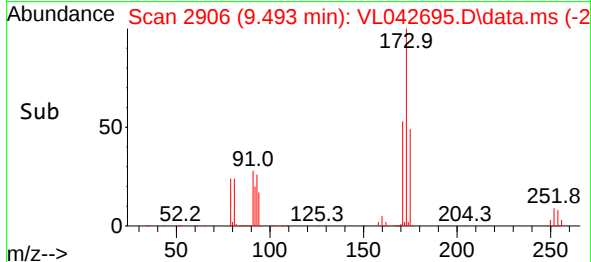
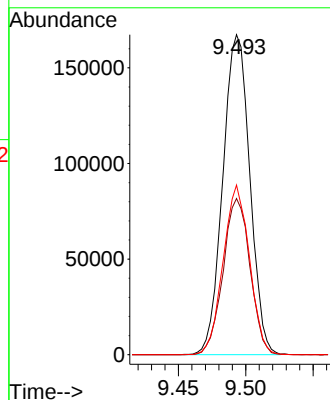
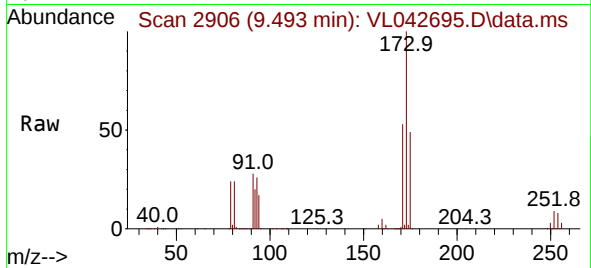




#49
Bromoform
Concen: 15.371 ppbv
RT: 9.493 min Scan# 2906
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

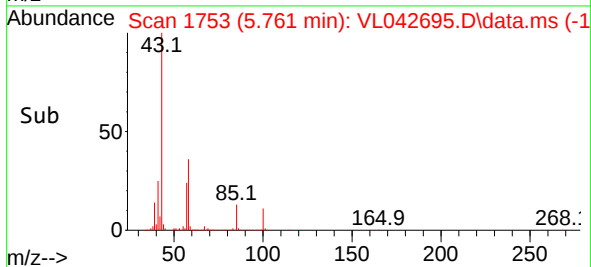
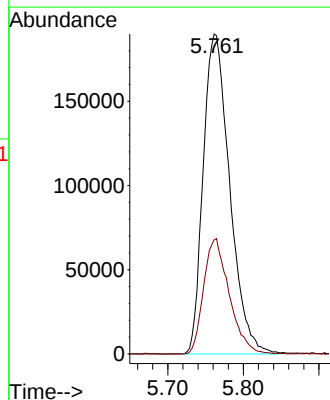
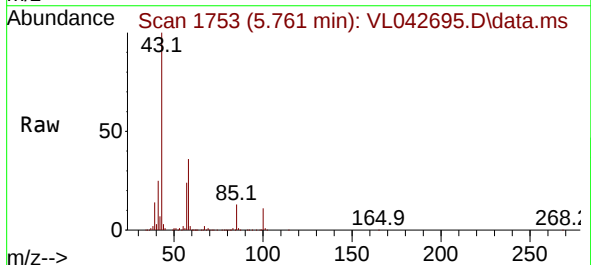
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

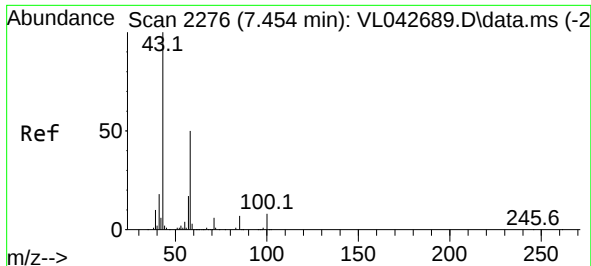
Tgt Ion:173 Resp: 233294
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
171 51.6 40.3 60.5



#50
4-Methyl-2-Pentanone
Concen: 16.873 ppbv
RT: 5.761 min Scan# 1753
Delta R.T. -0.013 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 43 Resp: 462742
Ion Ratio Lower Upper
43 100
58 34.8 27.5 41.3

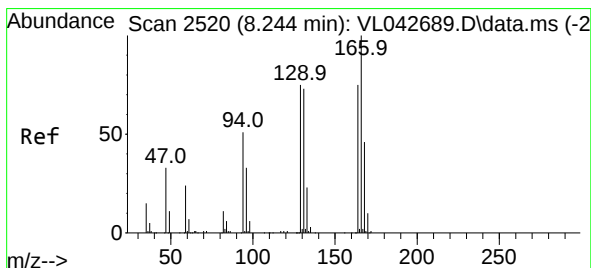
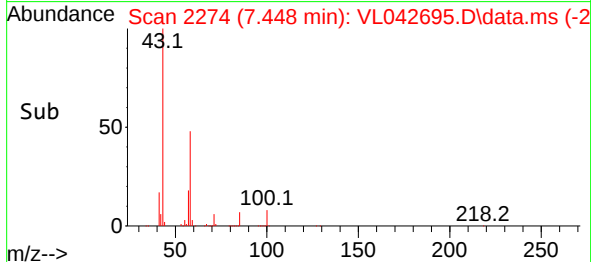
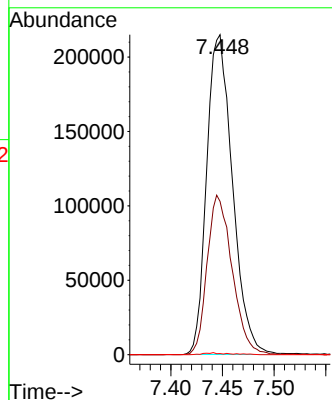
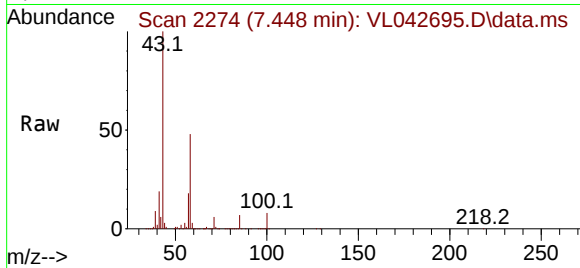




#51
2-Hexanone
Concen: 18.619 ppbv
RT: 7.448 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

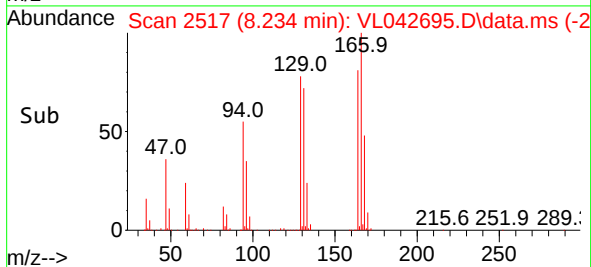
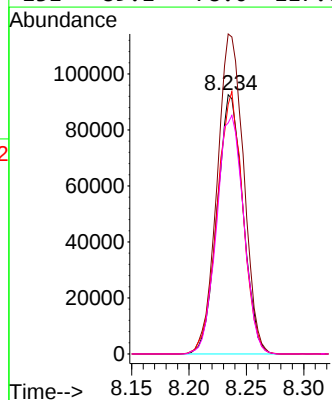
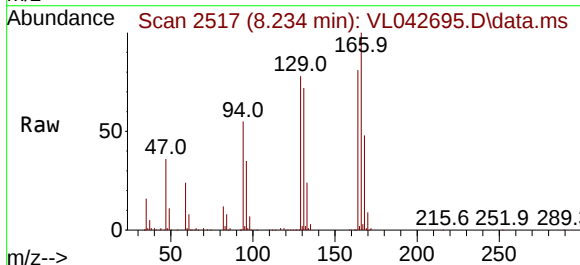
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

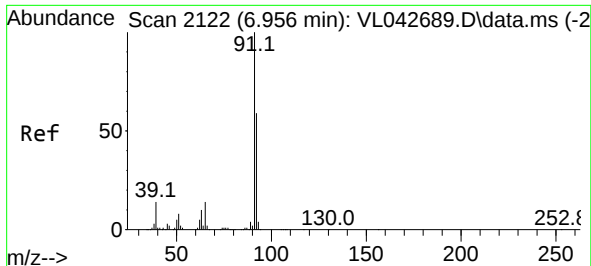
Tgt Ion: 43 Resp: 373010
Ion Ratio Lower Upper
43 100
58 48.4 38.6 57.8
98 0.6 0.6 1.0#



#52
Tetrachloroethene
Concen: 14.514 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 164 Resp: 145442
Ion Ratio Lower Upper
164 100
166 123.4 106.6 160.0
129 96.3 79.8 119.6
131 89.1 78.0 117.0

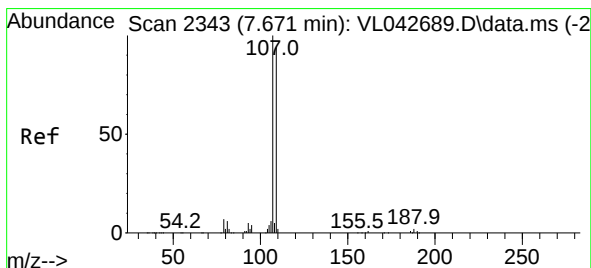
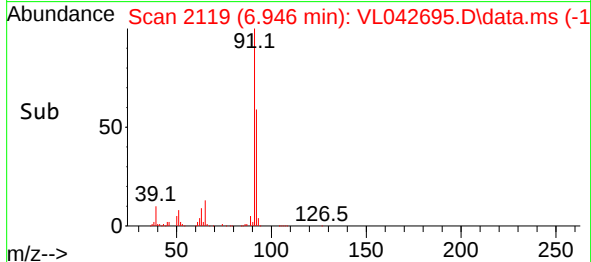
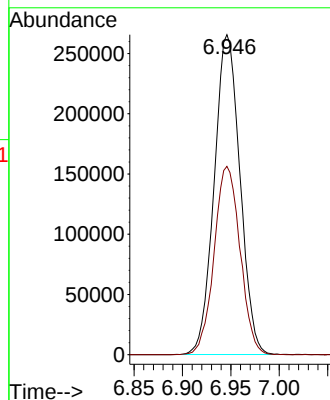
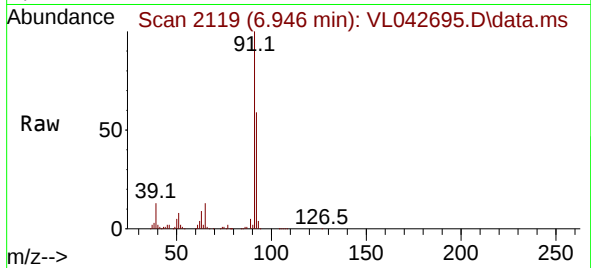




#53
Toluene
Concen: 17.643 ppbv
RT: 6.946 min Scan# 2122
Delta R.T. -0.010 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

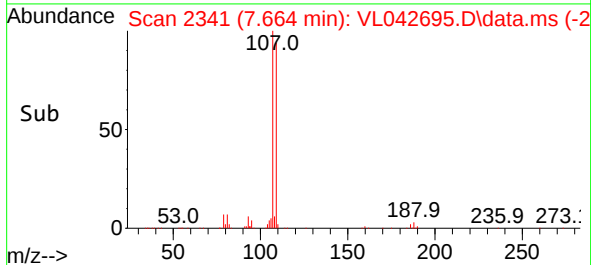
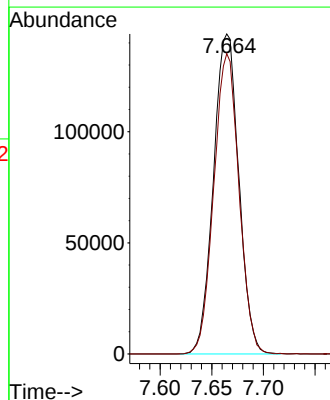
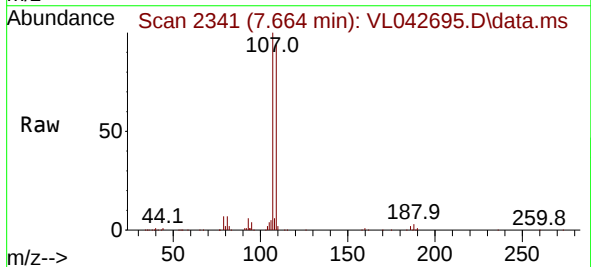
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

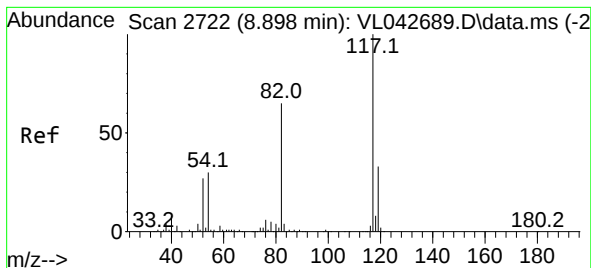
Tgt Ion: 91 Resp: 492164
Ion Ratio Lower Upper
91 100
92 59.3 47.4 71.2



#54
1,2-Dibromoethane
Concen: 15.345 ppbv
RT: 7.664 min Scan# 2341
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 107 Resp: 245738
Ion Ratio Lower Upper
107 100
109 93.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

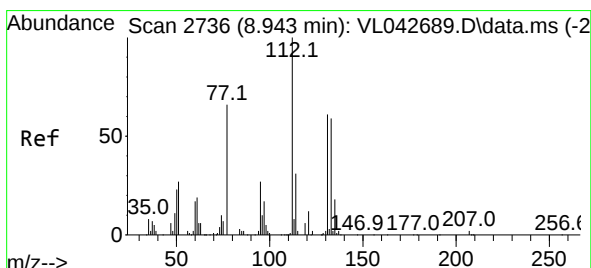
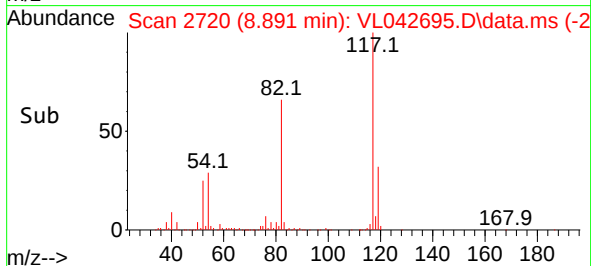
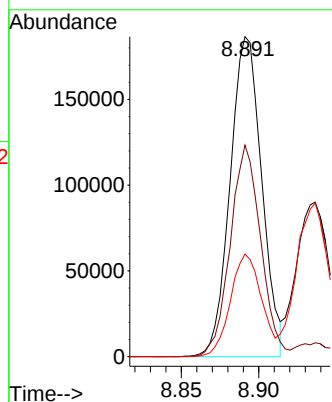
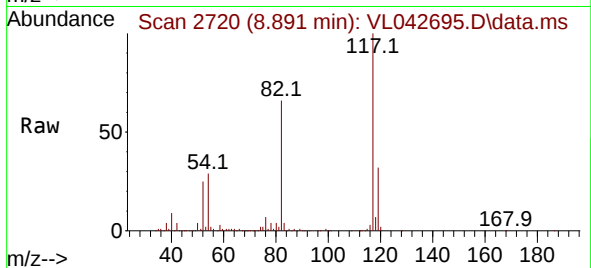
Tgt Ion:117 Resp: 265053

Ion Ratio Lower Upper

117 100

82 68.2 53.4 80.2

119 31.5 26.6 39.8



#56

1,1,1,2-Tetrachloroethane

Concen: 13.994 ppbv

RT: 8.933 min Scan# 2733

Delta R.T. -0.010 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

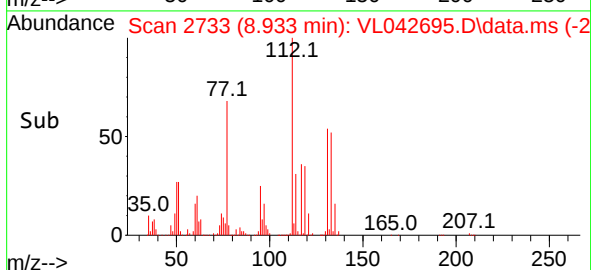
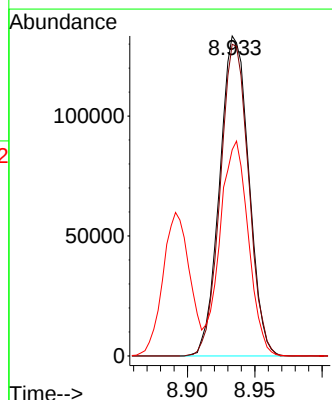
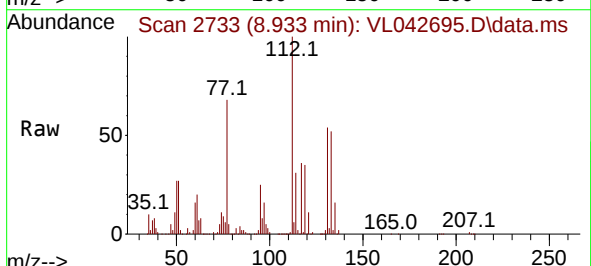
Tgt Ion:131 Resp: 200564

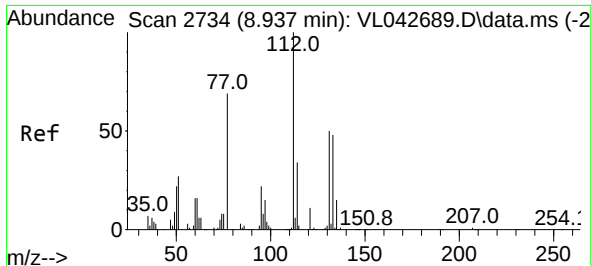
Ion Ratio Lower Upper

131 100

133 95.2 77.3 115.9

119 64.3 52.6 78.8

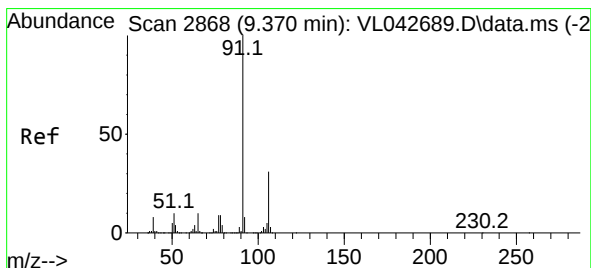
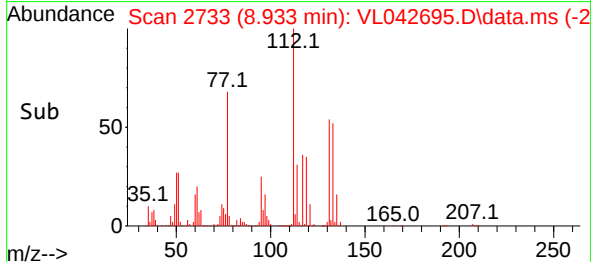
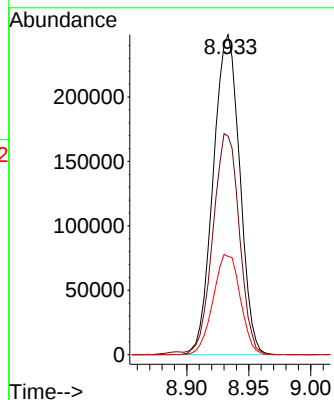
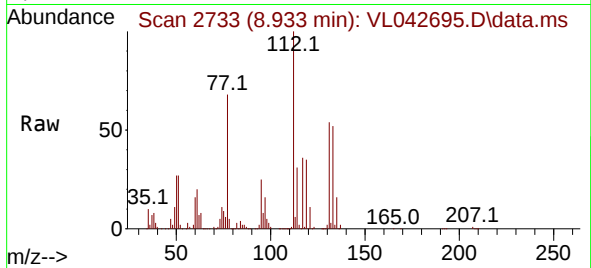




#57
Chlorobenzene
Concen: 13.928 ppbv
RT: 8.933 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

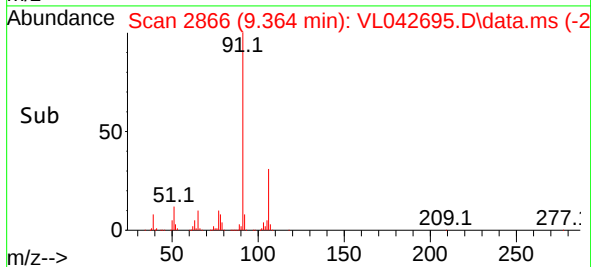
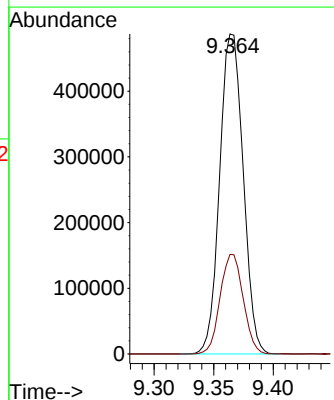
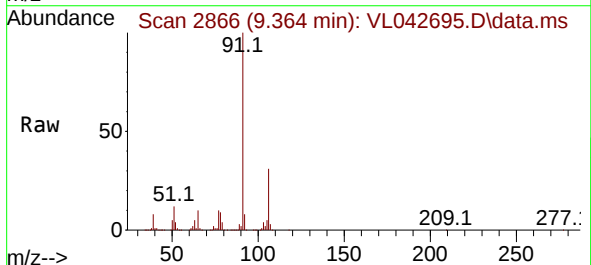
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

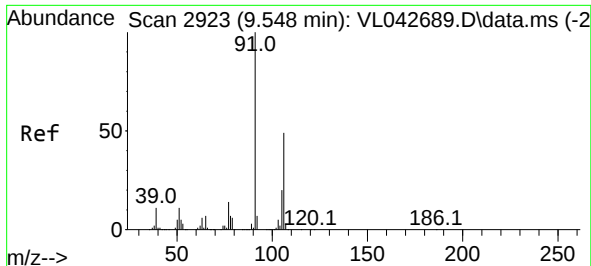
Tgt Ion:112 Resp: 370383
Ion Ratio Lower Upper
112 100
77 68.2 56.2 84.4
114 30.7 30.2 37.0



#58
Ethyl Benzene
Concen: 17.407 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 91 Resp: 667210
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





#59

m/p-Xylene

Concen: 17.662 ppbv

RT: 9.542 min Scan# 2923

Delta R.T. -0.007 min

Lab File: VL042695.D

Acq: 02 Jul 2025 11:39

Instrument :

MSVOA_L

ClientSampleId :

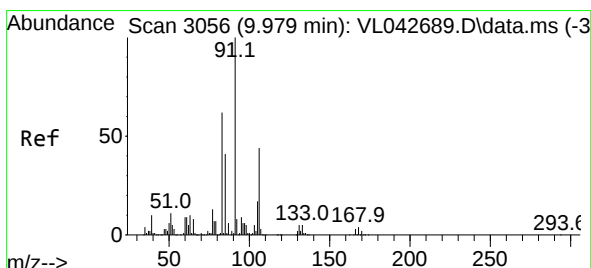
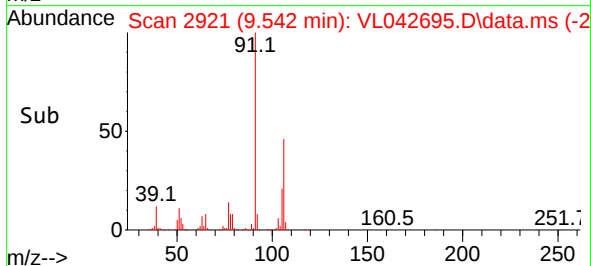
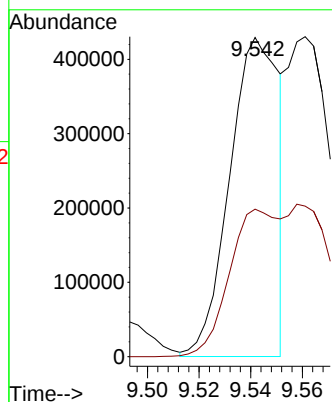
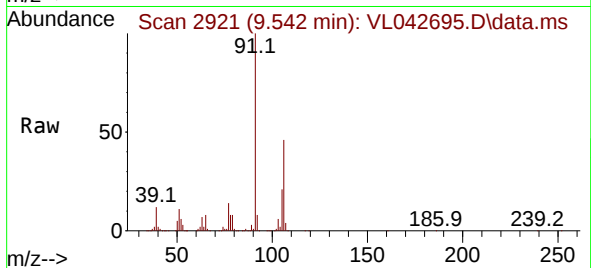
VSTDIC015

Tgt Ion: 91 Resp: 567320

Ion Ratio Lower Upper

91 100

106 0.0 37.6 56.4#



#60

o-Xylene

Concen: 16.730 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.007 min

Lab File: VL042695.D

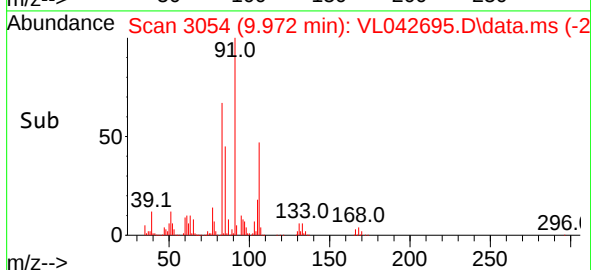
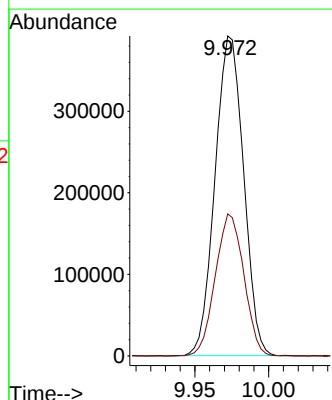
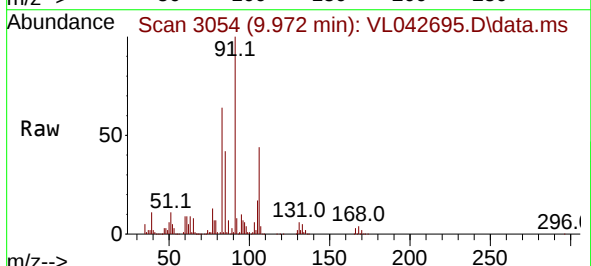
Acq: 02 Jul 2025 11:39

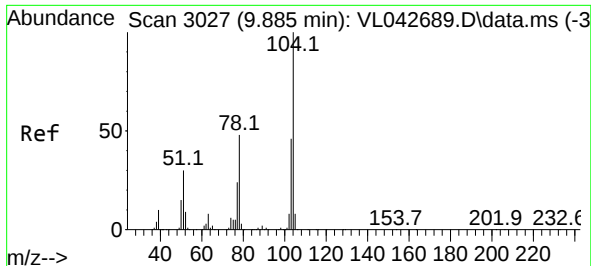
Tgt Ion: 91 Resp: 528391

Ion Ratio Lower Upper

91 100

106 44.3 22.8 68.4

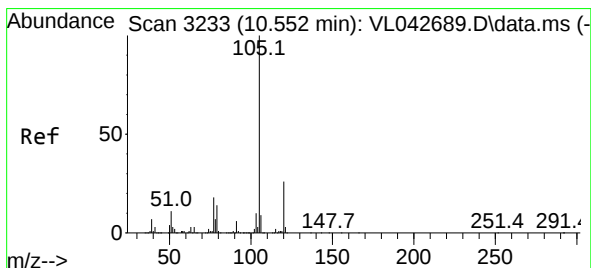
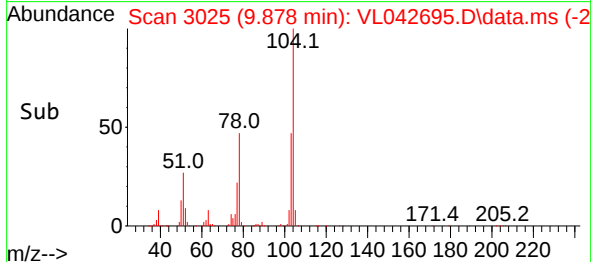
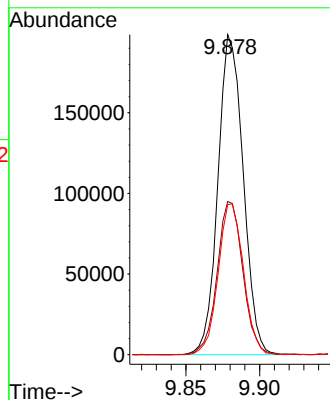
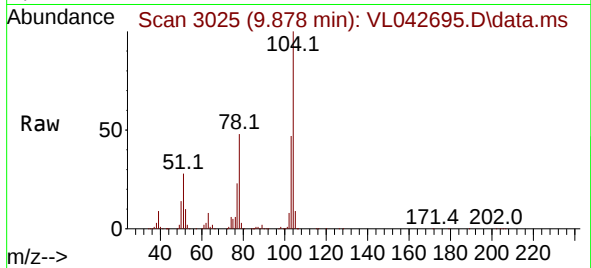




#61
Styrene
Concen: 19.104 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

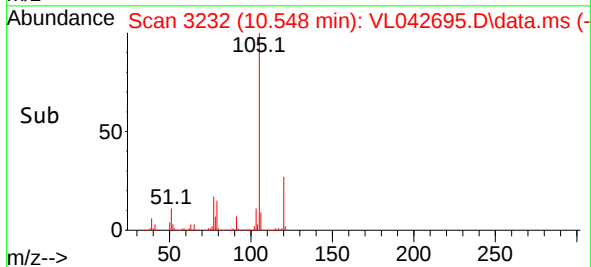
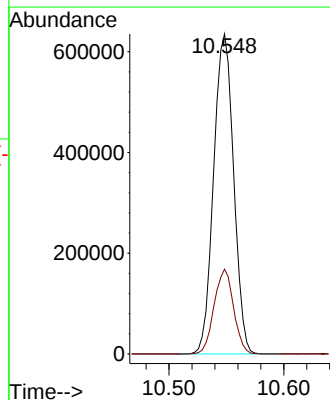
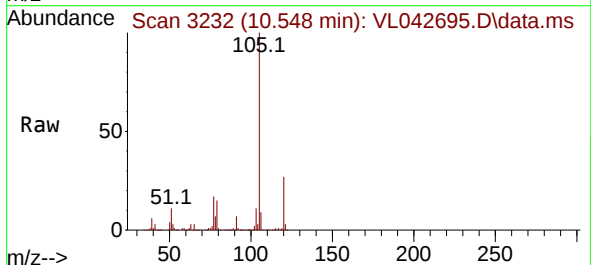
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

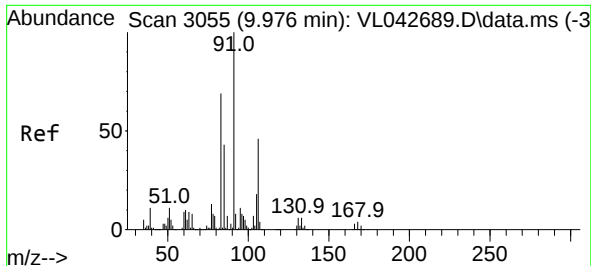
Tgt Ion:104 Resp: 237027
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 47.3 37.4 56.0



#62
Isopropylbenzene
Concen: 16.128 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:105 Resp: 768857
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0

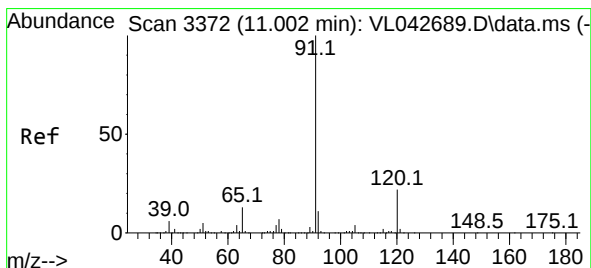
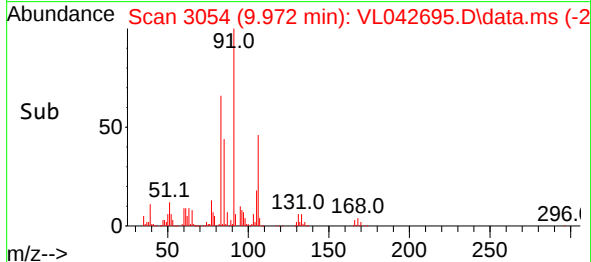
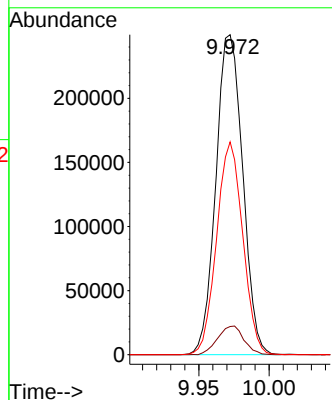
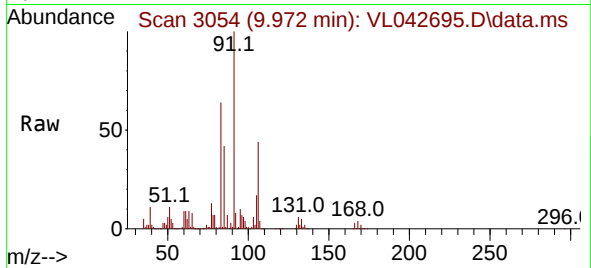




#63
1,1,2-Tetrachloroethane
Concen: 13.638 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

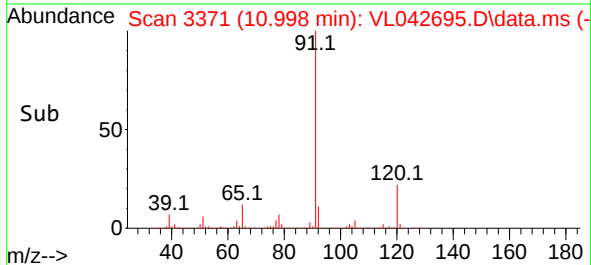
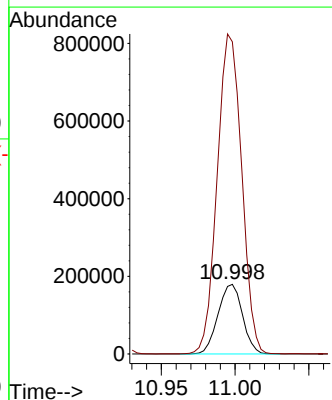
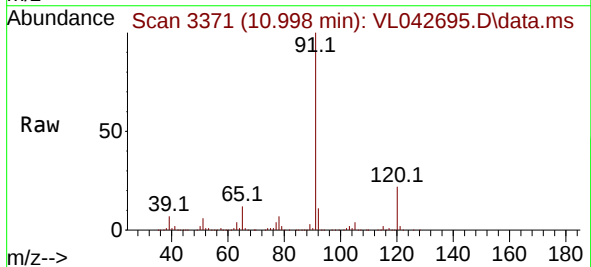
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

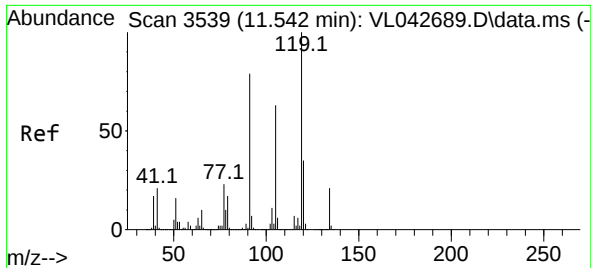
Tgt Ion: 83 Resp: 331699
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.4
85 64.7 31.5 94.5



#64
n-propylbenzene
Concen: 16.907 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 120 Resp: 206336
Ion Ratio Lower Upper
120 100
91 462.5 377.8 566.8

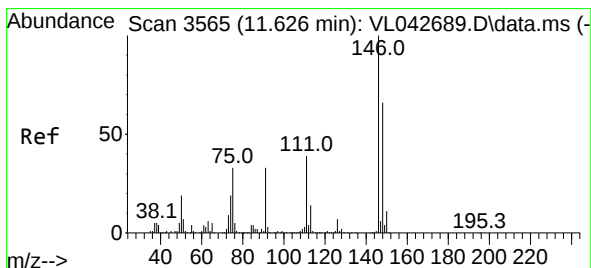
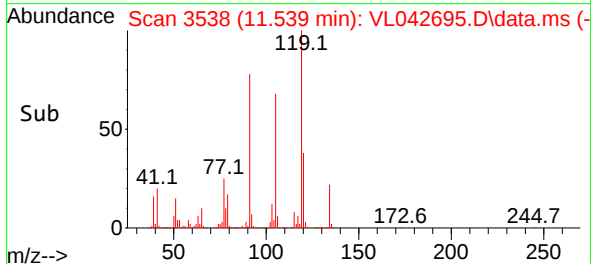
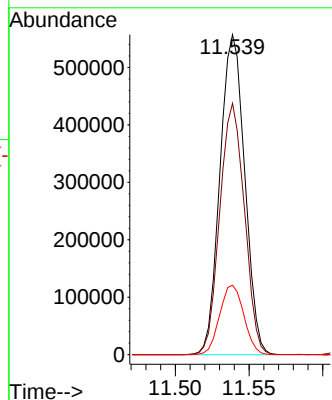
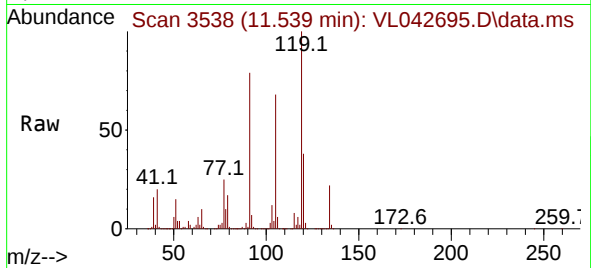




#65
tert-Butylbenzene
Concen: 15.954 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

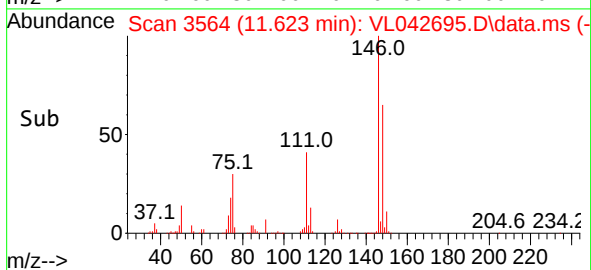
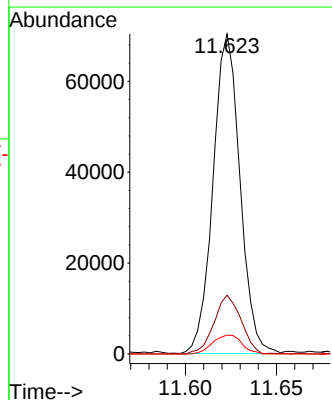
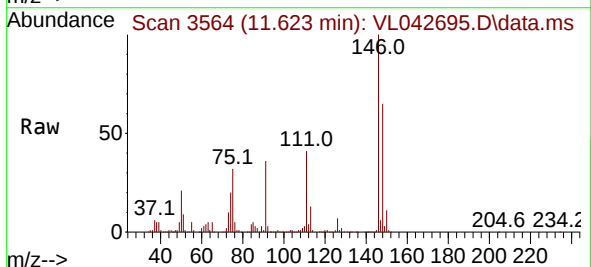
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

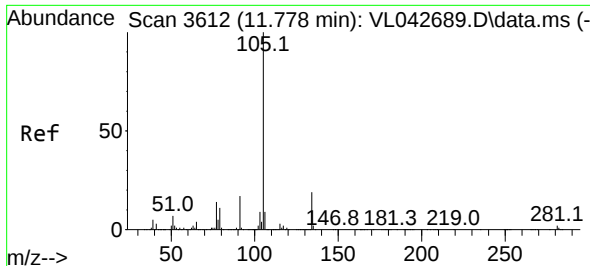
Tgt Ion:119 Resp: 650964
Ion Ratio Lower Upper
119 100
91 78.0 62.6 93.8
134 21.2 16.9 25.3



#66
Benzyl Chloride
Concen: 18.276 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 91 Resp: 72252
Ion Ratio Lower Upper
91 100
126 18.6 14.8 22.2
128 6.4 4.7 7.1

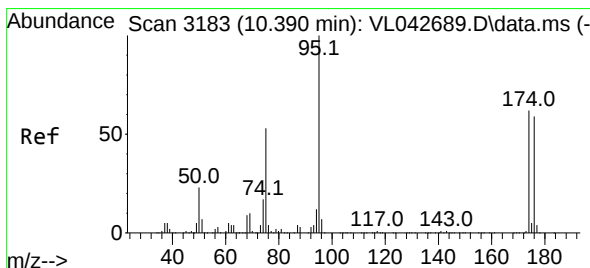
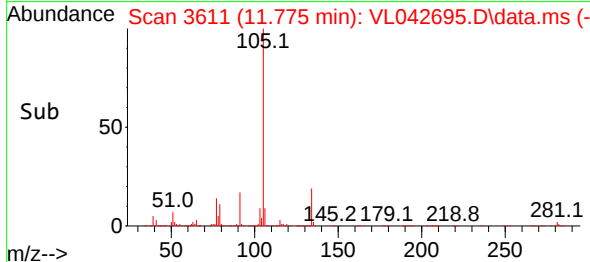
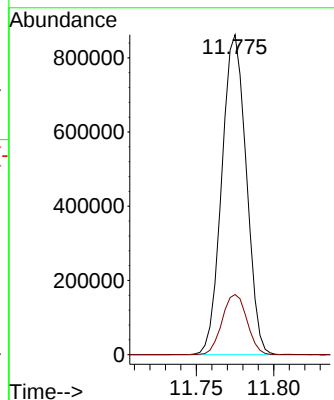
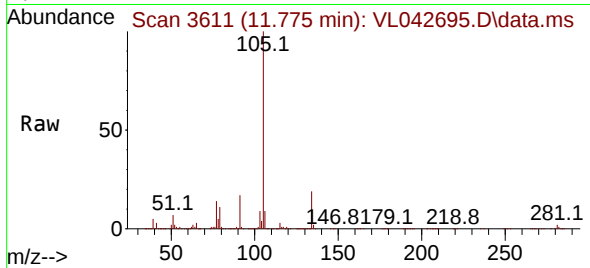




#67
 sec-Butylbenzene
 Concen: 15.163 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

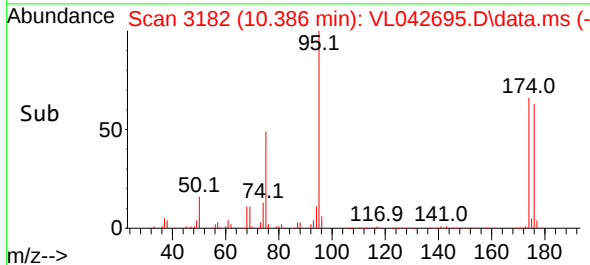
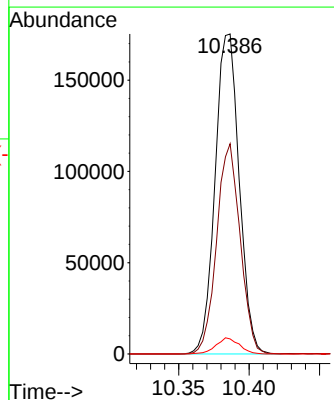
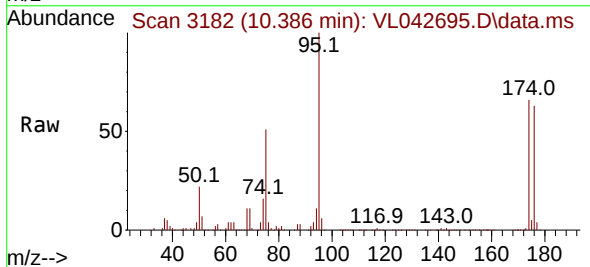
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC015

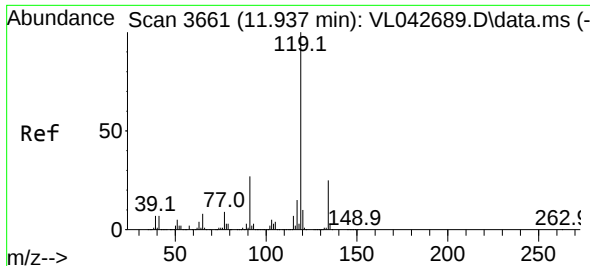
Tgt Ion:105 Resp: 947810
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.0 22.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.264 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Tgt Ion: 95 Resp: 209248
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.2 76.8
 175 4.9 3.8 5.8

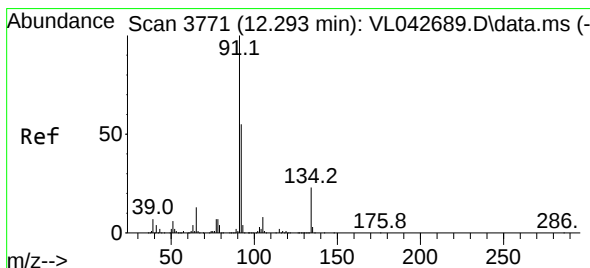
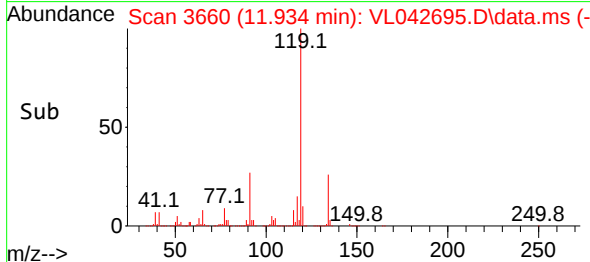
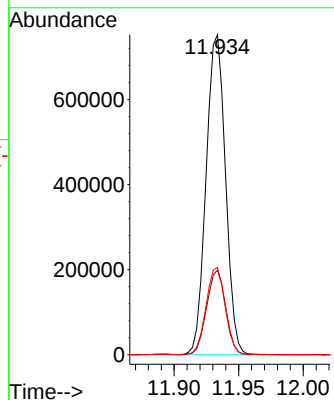
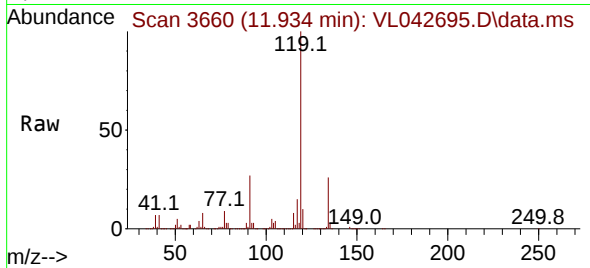




#69
p-Isopropyltoluene
Concen: 15.841 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

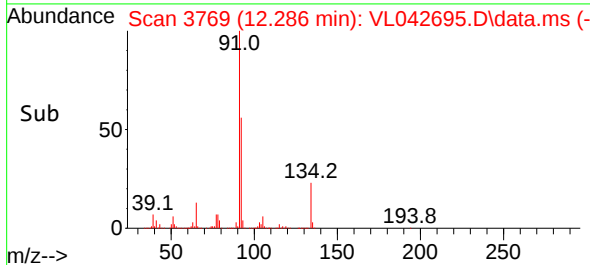
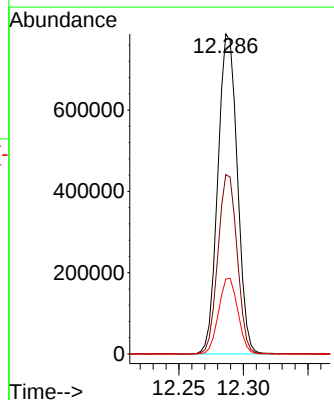
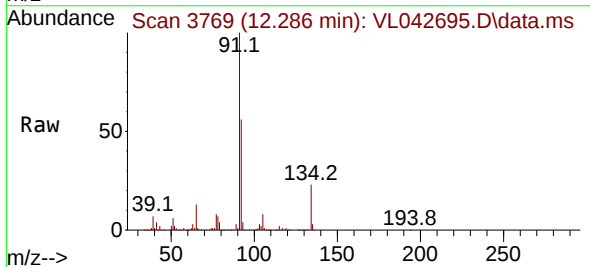
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

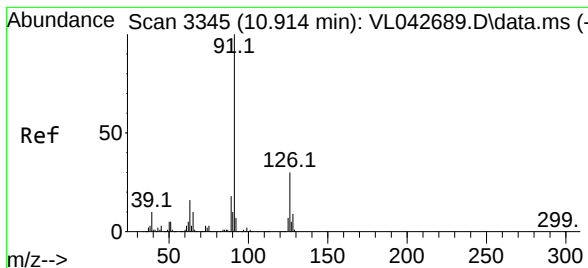
Tgt Ion:119 Resp: 788083
Ion Ratio Lower Upper
119 100
134 26.0 20.6 31.0
91 27.1 21.4 32.2



#70
n-Butylbenzene
Concen: 16.424 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 91 Resp: 823159
Ion Ratio Lower Upper
91 100
92 55.3 44.2 66.2
134 23.4 18.6 27.8

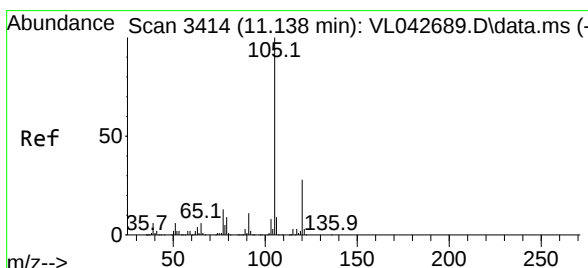
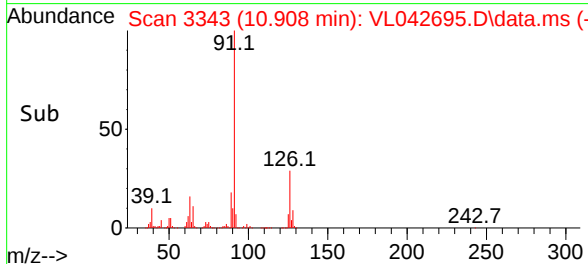
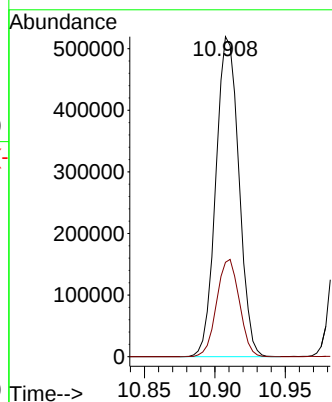
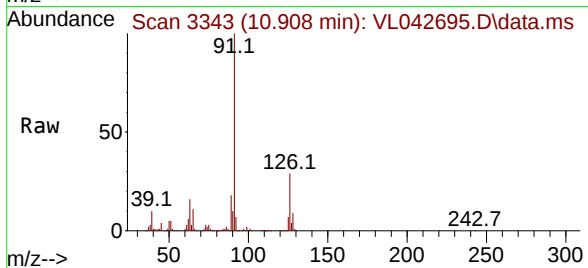




#71
2-Chlorotoluene
Concen: 16.735 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

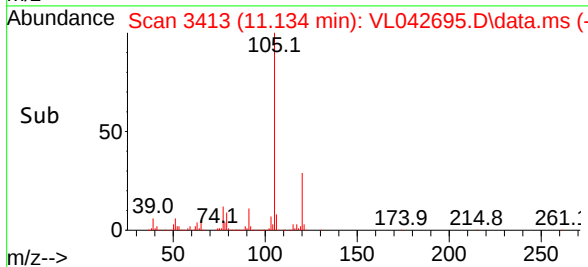
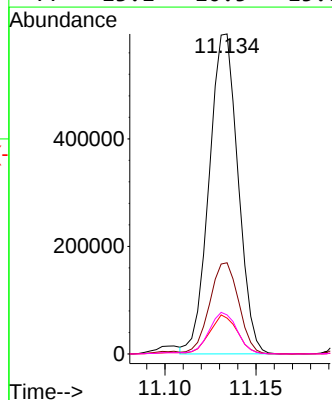
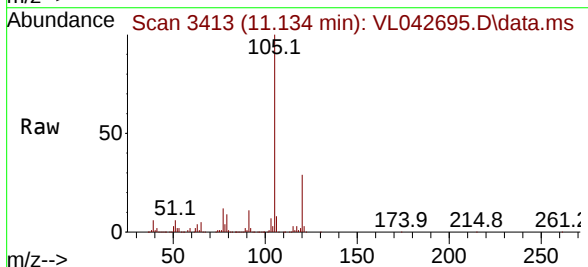
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

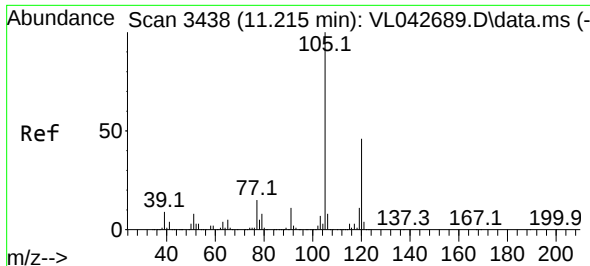
Tgt Ion: 91 Resp: 590171
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4



#72
4-Ethyltoluene
Concen: 17.026 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion: 105 Resp: 656169
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.2 9.7 14.5
77 13.1 10.5 15.7

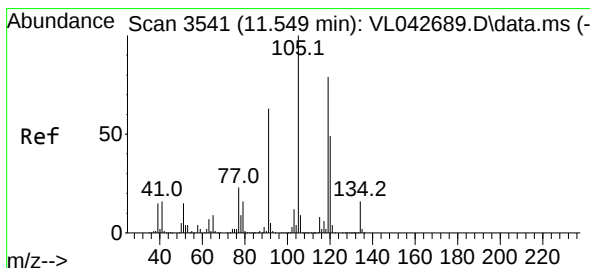
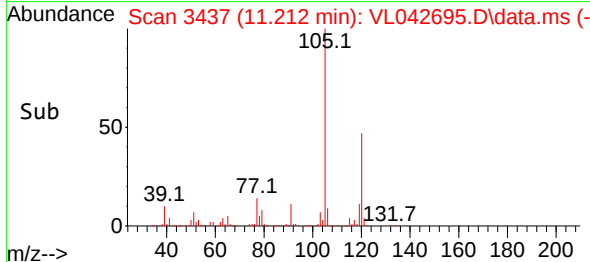
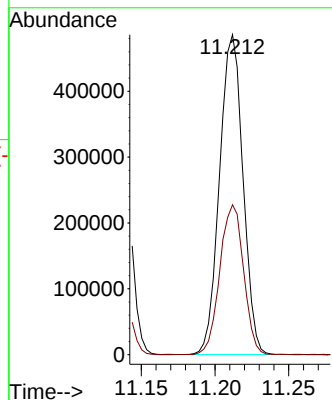
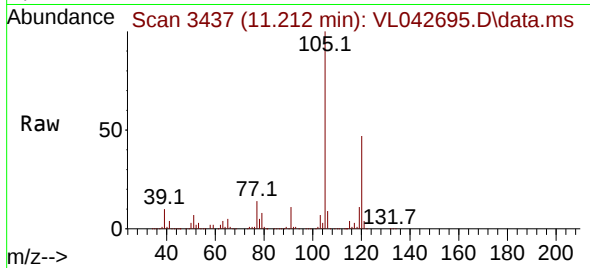




#73
1,3,5-Trimethylbenzene
Concen: 16.506 ppbv
RT: 11.212 min Scan# 3438
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

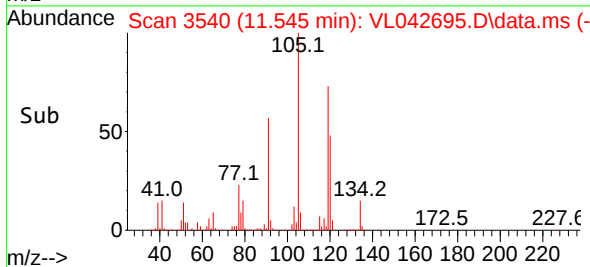
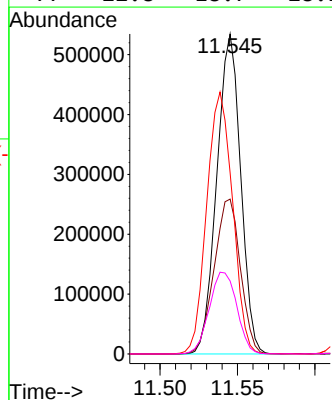
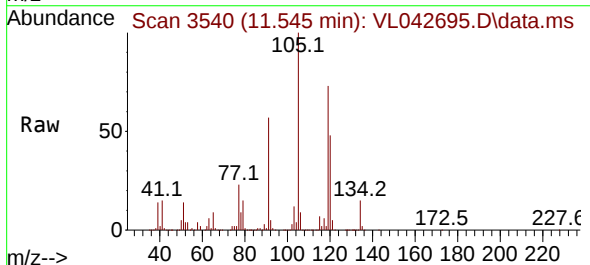
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

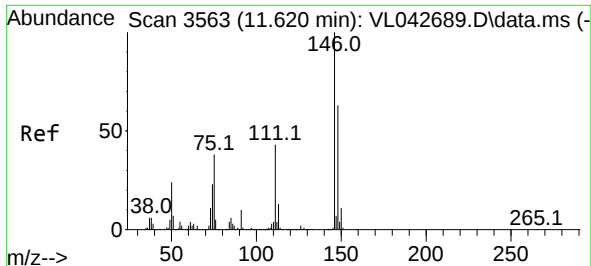
Tgt Ion:105 Resp: 536306
Ion Ratio Lower Upper
105 100
120 46.8 37.0 55.4



#74
1,2,4-Trimethylbenzene
Concen: 15.437 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:105 Resp: 572169
Ion Ratio Lower Upper
105 100
120 48.3 39.6 59.4
91 56.5 51.0 76.6
77 22.8 18.7 28.1

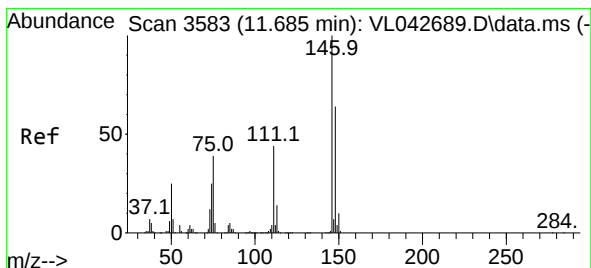
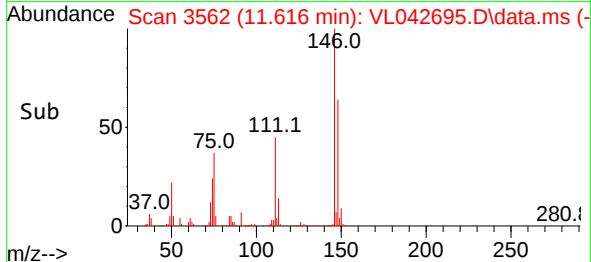
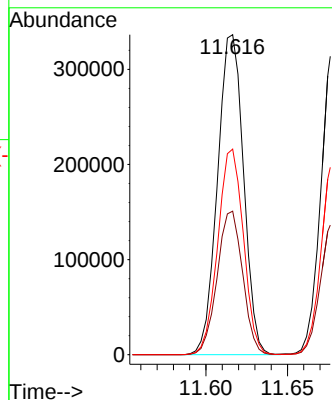
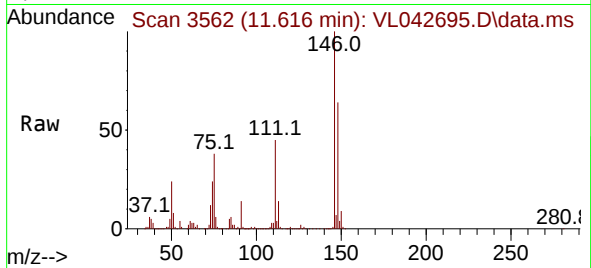




#75
1,3-Dichlorobenzene
Concen: 14.350 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

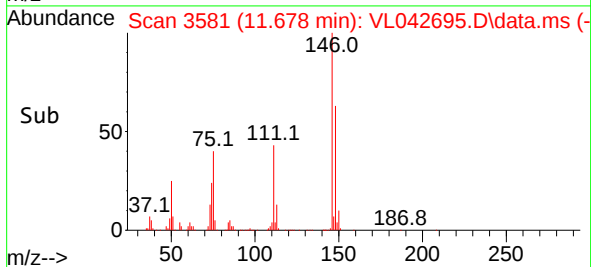
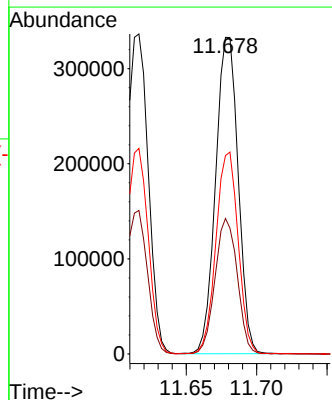
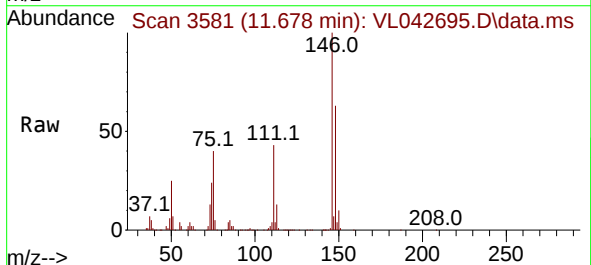
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

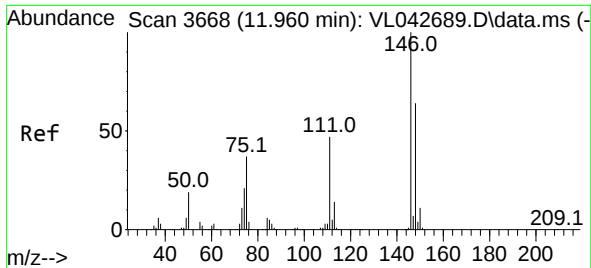
Tgt Ion:146 Resp: 373171
Ion Ratio Lower Upper
146 100
111 43.9 21.6 65.0
148 63.3 31.6 94.7



#76
1,4-Dichlorobenzene
Concen: 15.054 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:146 Resp: 371536
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.1 31.8 95.4

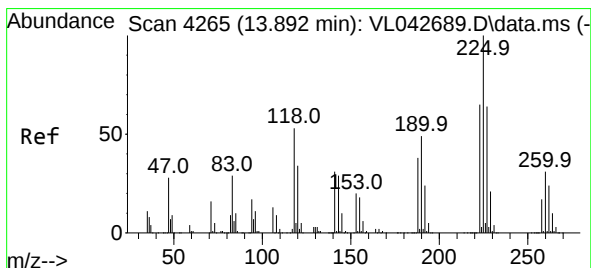
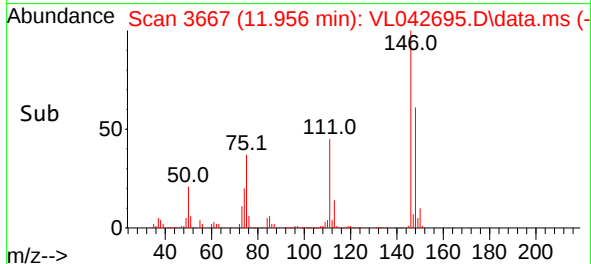
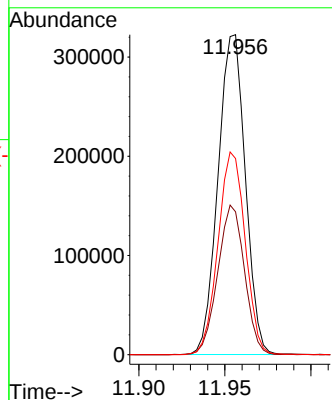
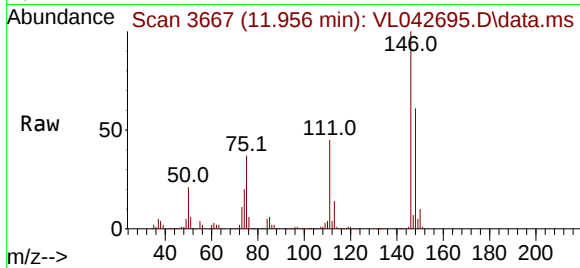




#77
1,2-Dichlorobenzene
Concen: 13.568 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

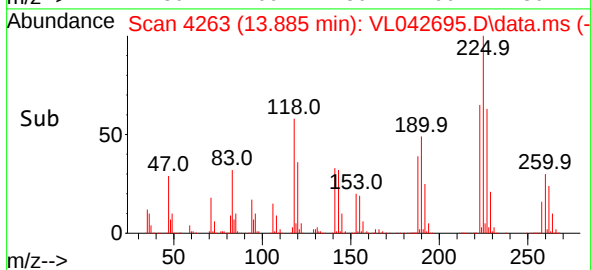
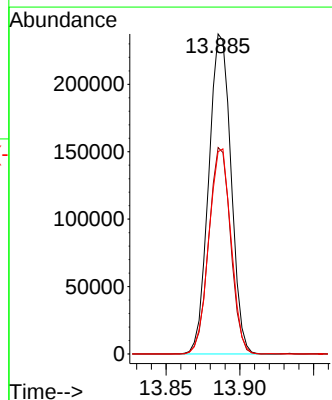
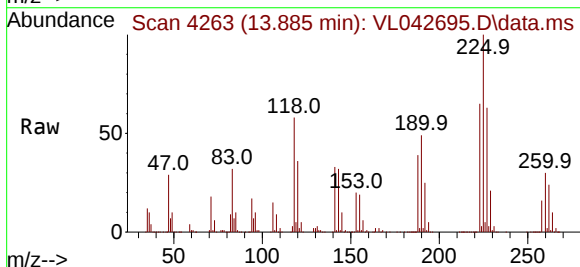
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

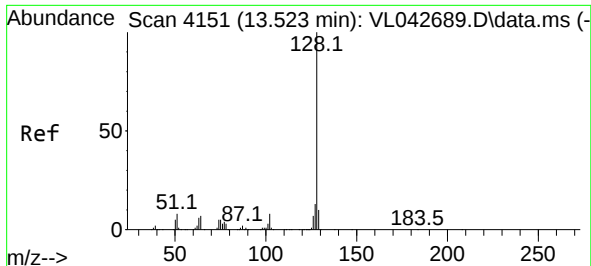
Tgt Ion:146 Resp: 356431
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 63.1 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 12.174 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:225 Resp: 249100
Ion Ratio Lower Upper
225 100
223 63.1 50.5 75.7
227 63.7 50.0 75.0

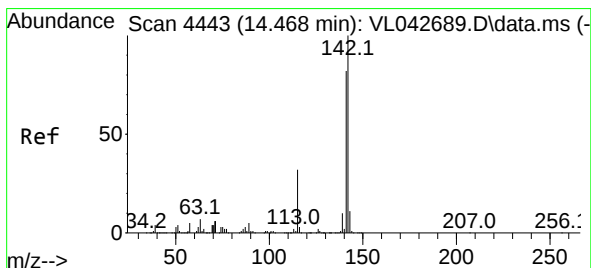
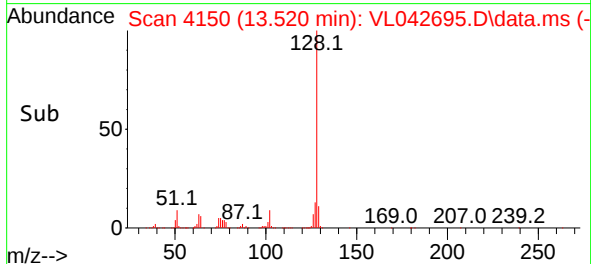
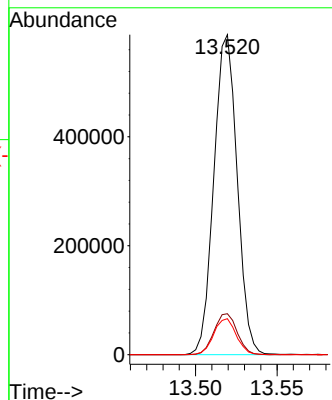
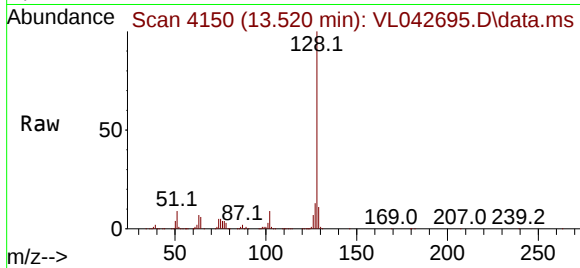




#79
Naphthalene
Concen: 18.988 ppbv
RT: 13.520 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

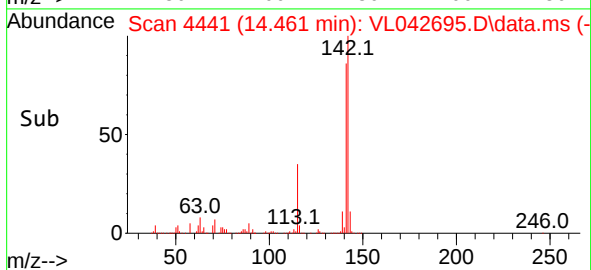
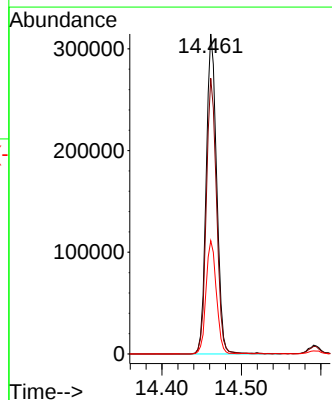
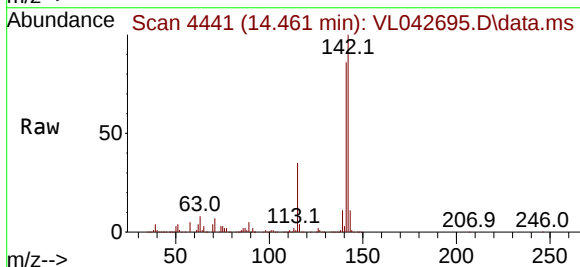
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

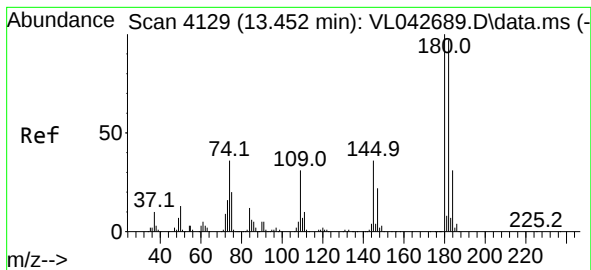
Tgt Ion:128 Resp: 583427
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.2 8.2 12.2



#80
Naphthalene,2-methyl-
Concen: 22.526 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.007 min
Lab File: VL042695.D
Acq: 02 Jul 2025 11:39

Tgt Ion:142 Resp: 289438
Ion Ratio Lower Upper
142 100
141 84.6 67.4 101.2
115 35.3 26.9 40.3





#81
 1,2,4-Trichlorobenzene
 Concen: 16.284 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VL042695.D
 Acq: 02 Jul 2025 11:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion:180 Resp: 293572
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.7 115.1
 184 30.4 24.4 36.6

