

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010

Quant Time: Apr 10 01:39:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	155631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	397176	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.879	117	350140	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	285515	9.930	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	224739	9.780	ppbv	99
3) Chlorodifluoromethane	1.473	51	242368	10.325	ppbv	99
4) Chloromethane	1.531	50	94421	10.054	ppbv	99
5) Vinyl Chloride	1.580	62	87077	8.750	ppbv	96
6) Bromomethane	1.667	94	38883	9.136	ppbv	95
7) Chloroethane	1.703	64	35019	9.290	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	193376	9.882	ppbv	92
9) Propene	1.483	41	92247	8.573	ppbv	98
10) Heptane	4.972	43	280156	9.789	ppbv	99
11) Trichlorofluoromethane	1.874	101	218729	9.783	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.137	101	178752	9.726	ppbv	98
13) Ethanol	1.719	45	4608	4.530	ppbv	92
14) Bromoethene	1.781	108	61204	8.693	ppbv	97
15) Acetone	1.832	43	196063	9.008	ppbv	96
16) 1,3-Butadiene	1.606	39	94932	8.931	ppbv	98
17) tert-Butyl alcohol	2.040	59	220187	8.122	ppbv	98
18) 1,1-Dichloroethene	2.033	96	77686	9.042	ppbv	98
19) Isopropyl Alcohol	1.884	45	103348	8.415	ppbv	93
20) Methylene Chloride	2.059	84	68588	8.461	ppbv	95
21) Allyl Chloride	2.095	41	139965	9.118	ppbv	96
22) trans-1,2-Dichloroethene	2.337	96	88334	8.896	ppbv	94
23) Vinyl Acetate	2.460	43	73162	7.766	ppbv #	96
24) 1,1-Dichloroethane	2.405	63	180404	9.801	ppbv	99
25) Ethyl Acetate	2.833	43	567125	10.039	ppbv	98
26) Hexane	2.823	57	214891	9.848	ppbv	97
27) Carbon Disulfide	2.146	76	216499	9.253	ppbv	97
28) Methyl tert-Butyl Ether	2.438	73	109726	8.077	ppbv	94
29) Chloroform	2.845	83	340889	10.675	ppbv	99
30) Cyclohexane	3.852	84	170359	8.991	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	201796	9.110	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	332252	9.088	ppbv	98
34) 2-Butanone	2.554	43	313515	10.886	ppbv	98
35) Carbon Tetrachloride	3.758	117	349240	11.256	ppbv	100
36) Benzene	3.651	78	425324	10.802	ppbv	97
37) 1,2-Dichloroethane	3.214	62	256791	11.391	ppbv	99
38) Trichloroethene	4.541	130	170362	10.370	ppbv	97
39) 1,2-Dichloropropane	4.312	63	153583	10.710	ppbv	95
40) 1,4-Dioxane	4.577	88	72604	9.539	ppbv #	95
41) Tetrahydrofuran	3.053	42	175060	10.556	ppbv	95
42) Bromodichloromethane	4.483	83	358962	11.551	ppbv	100
43) Methyl Methacrylate	4.875	69	154975	9.297	ppbv	97
44) 2,2,4-Trimethylpentane	4.635	57	742388	11.157	ppbv	96
45) t-1,3-Dichloropropene	6.412	75	147204	8.231	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042286.D
 Acq On : 09 Apr 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

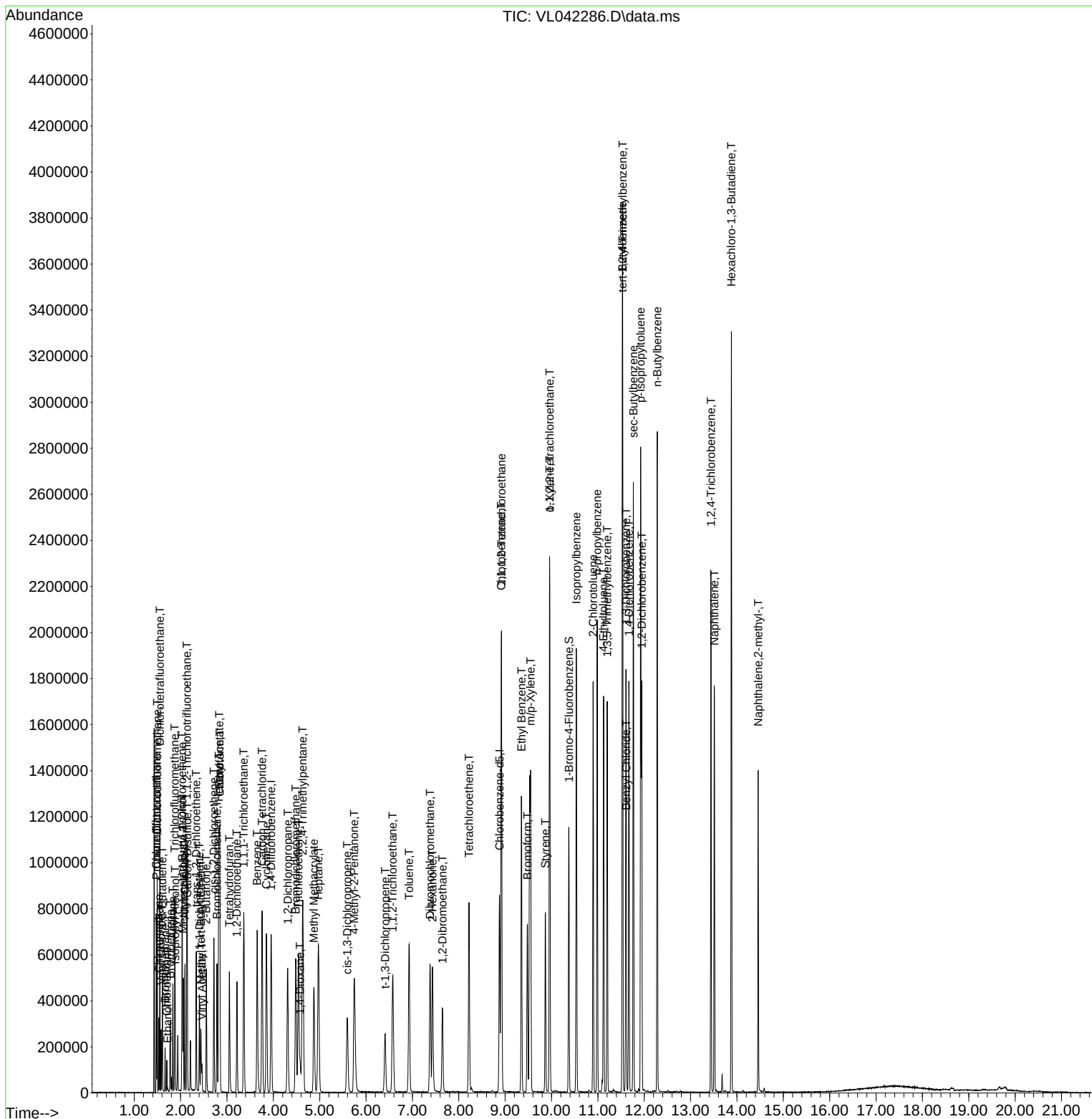
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 ClientSampleId :
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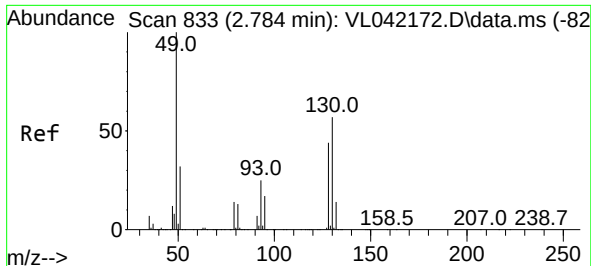
Quant Time: Apr 10 01:39:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	195802	8.932	ppbv	98
47) 1,1,2-Trichloroethane	6.574	97	172343	11.369	ppbv	97
48) Dibromochloromethane	7.380	129	280199	10.907	ppbv	100
49) Bromoform	9.481	173	250227	10.849	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	445454	9.760	ppbv	95
51) 2-Hexanone	7.432	43	353706	9.437	ppbv #	94
52) Tetrachloroethene	8.222	164	141976	9.092	ppbv	95
53) Toluene	6.927	91	464948	9.961	ppbv	99
54) 1,2-Dibromoethane	7.649	107	229720	10.871	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.921	131	231041	11.987	ppbv	98
57) Chlorobenzene	8.917	112	399227	12.021	ppbv	93
58) Ethyl Benzene	9.351	91	673801	10.834	ppbv	98
59) m/p-Xylene	9.549	91	529747	10.667	ppbv #	14
60) o-Xylene	9.960	91	581045	11.671	ppbv	97
61) Styrene	9.869	104	251525	10.212	ppbv	98
62) Isopropylbenzene	10.536	105	859013	11.538	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.960	83	381841	12.623	ppbv	99
64) n-propylbenzene	10.986	120	228532	11.925	ppbv	100
65) tert-Butylbenzene	11.529	119	784483	11.393	ppbv	100
66) Benzyl Chloride	11.614	91	57966	7.934	ppbv	100
67) sec-Butylbenzene	11.766	105	1128106	11.787	ppbv	100
69) p-Isopropyltoluene	11.924	119	961623	11.669	ppbv	99
70) n-Butylbenzene	12.280	91	998455	11.847	ppbv	99
71) 2-Chlorotoluene	10.898	91	654276	11.323	ppbv	98
72) 4-Ethyltoluene	11.122	105	728517	11.753	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	620415	11.460	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	709204	11.371	ppbv	97
75) 1,3-Dichlorobenzene	11.607	146	426300	12.462	ppbv	98
76) 1,4-Dichlorobenzene	11.669	146	423561	12.442	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	419286	12.589	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	334414	9.864	ppbv	99
79) Naphthalene	13.513	128	808459	11.851	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	373298	11.158	ppbv	100
81) 1,2,4-Trichlorobenzene	13.439	180	355741	11.305	ppbv	100

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

Quant Time: Apr 10 01:39:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
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QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

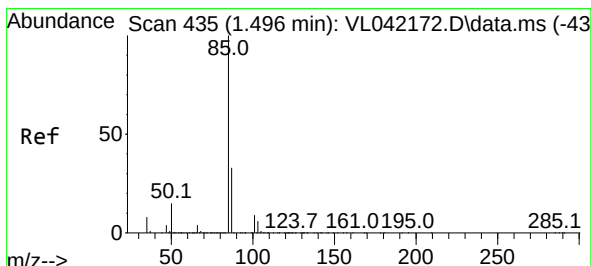
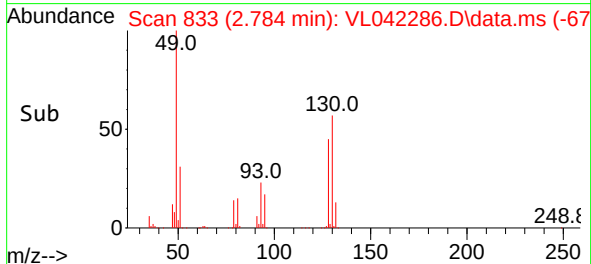
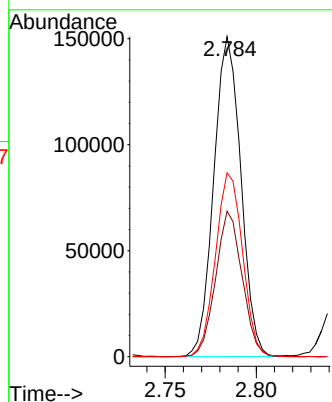
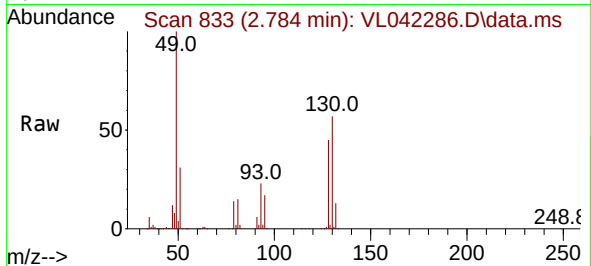




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 833
 Delta R.T. -0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

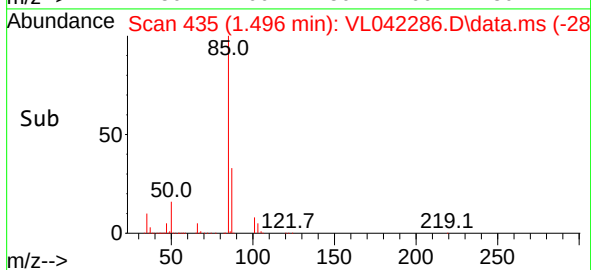
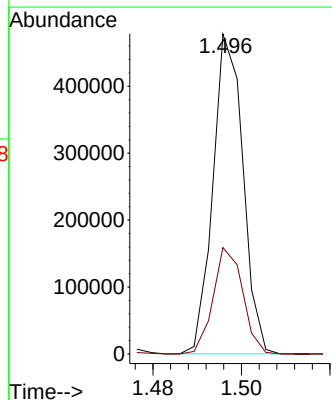
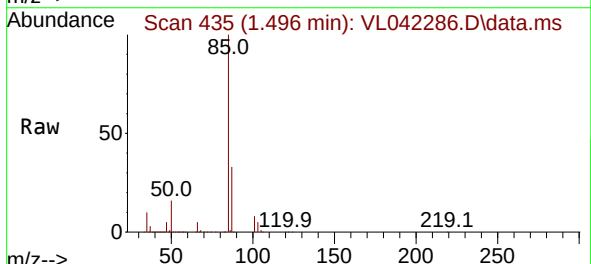
Instrument :
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 ClientSampleId :
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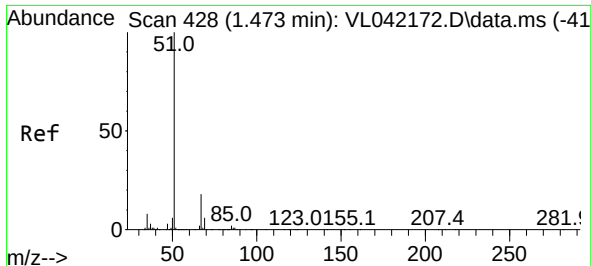
Tgt Ion: 49 Resp: 155631
 Ion Ratio Lower Upper
 49 100
 128 44.6 22.9 68.5
 130 57.7 28.8 86.4



#2
 Dichlorodifluoromethane
 Concen: 9.780 ppbv
 RT: 1.496 min Scan# 435
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 85 Resp: 224739
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.1 39.1

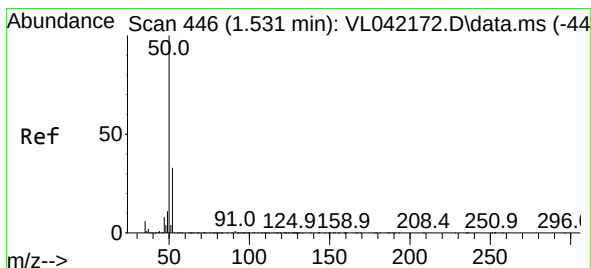
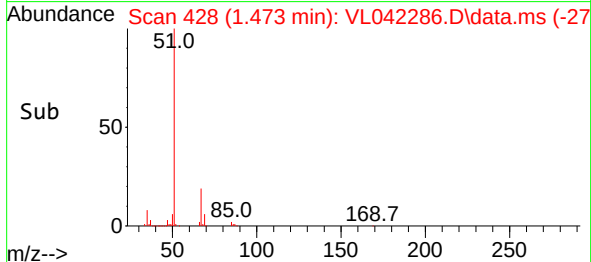
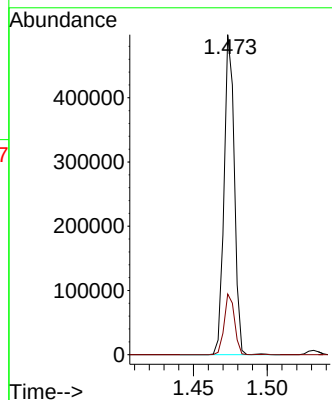
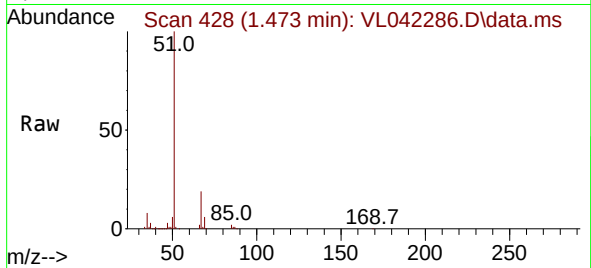




#3
Chlorodifluoromethane
Concen: 10.325 ppbv
RT: 1.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

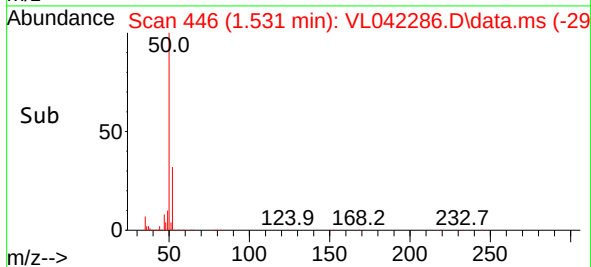
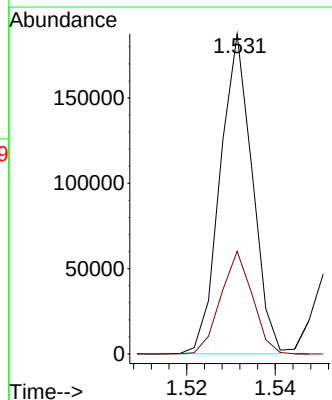
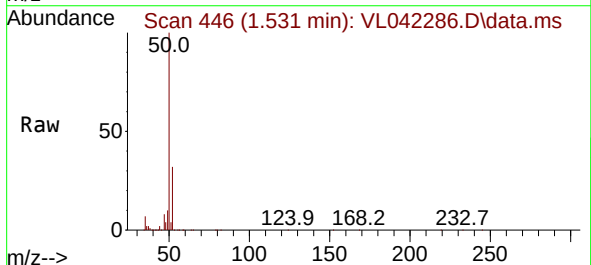
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

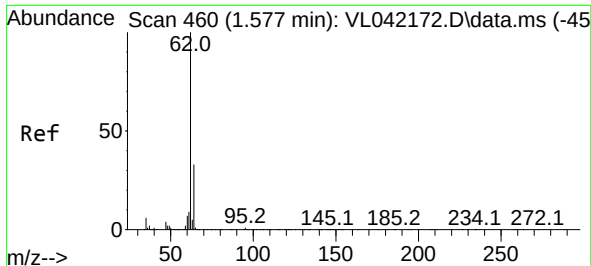
Tgt Ion: 51 Resp: 242368
Ion Ratio Lower Upper
51 100
67 19.0 15.0 22.6



#4
Chloromethane
Concen: 10.054 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 50 Resp: 94421
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1

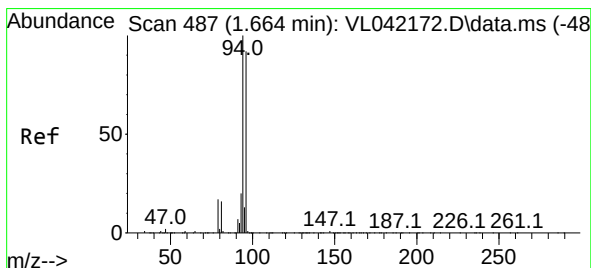
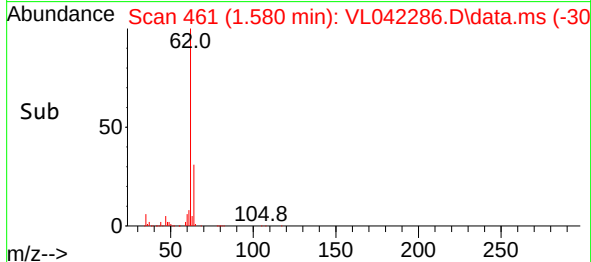
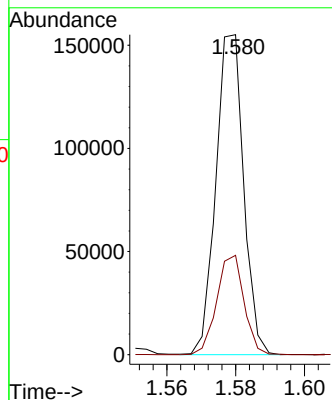
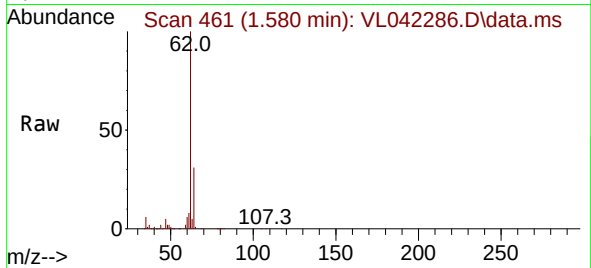




#5
 Vinyl Chloride
 Concen: 8.750 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

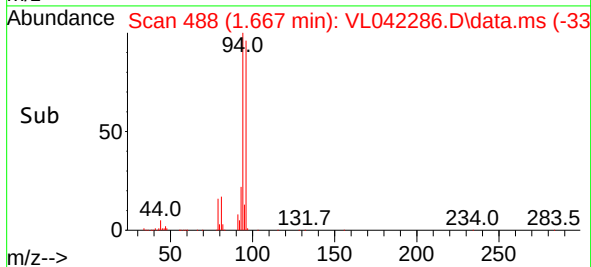
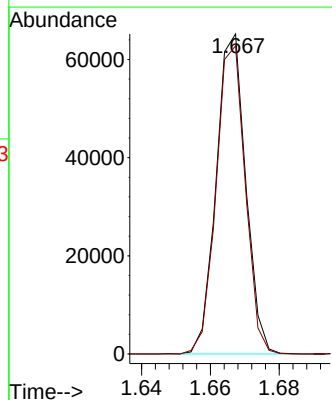
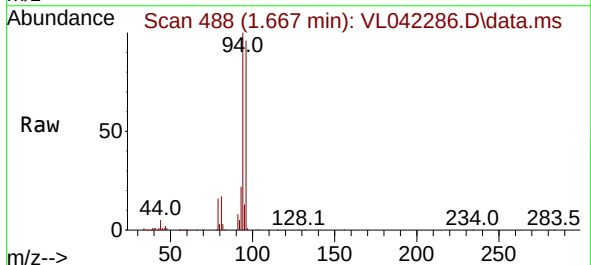
Instrument :
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 VSTDCCC010

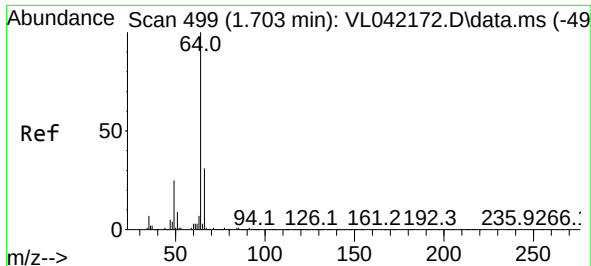
Tgt Ion: 62 Resp: 87077
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.6 40.0



#6
 Bromomethane
 Concen: 9.136 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 94 Resp: 38883
 Ion Ratio Lower Upper
 94 100
 96 96.3 73.1 109.7

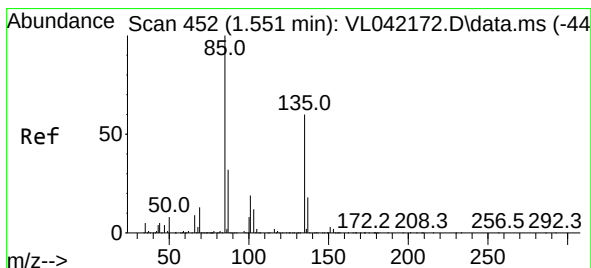
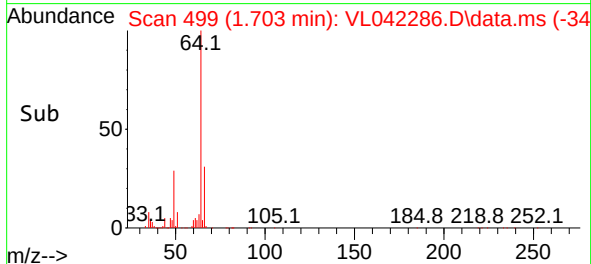
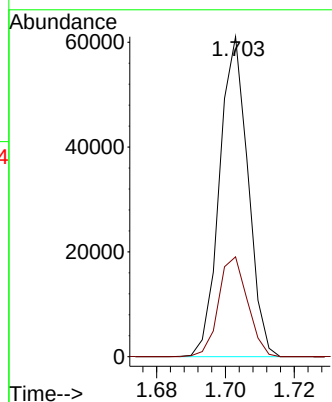
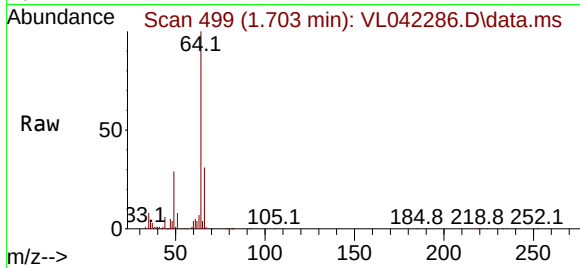




#7
Chloroethane
Concen: 9.290 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

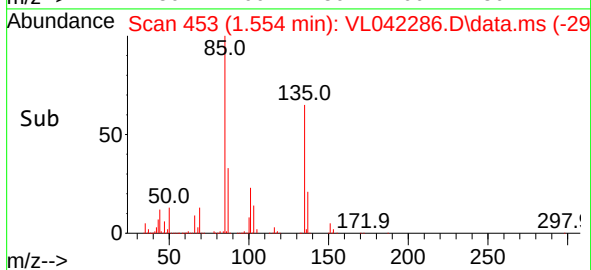
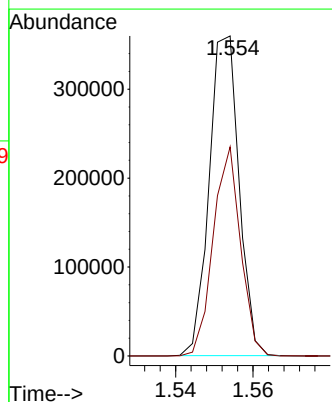
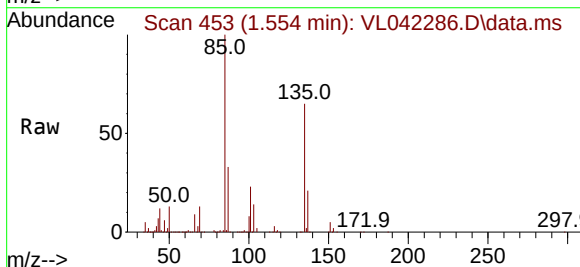
Instrument :
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ClientSampleId :
VSTDCCC010

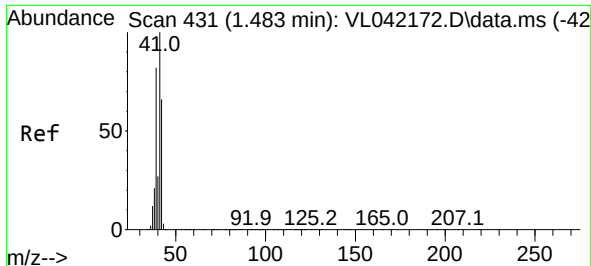
Tgt Ion: 64 Resp: 35019
Ion Ratio Lower Upper
64 100
66 31.2 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 9.882 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 85 Resp: 193376
Ion Ratio Lower Upper
85 100
135 59.6 52.4 78.6





#9

Propene

Concen: 8.573 ppbv

RT: 1.483 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

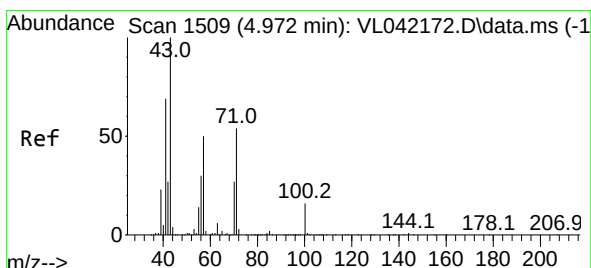
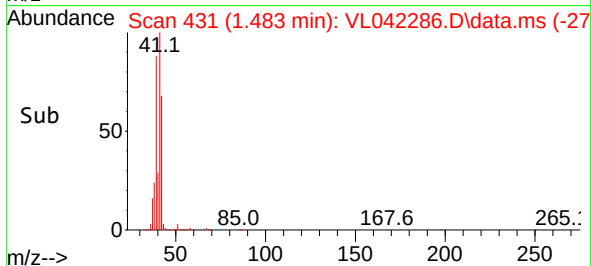
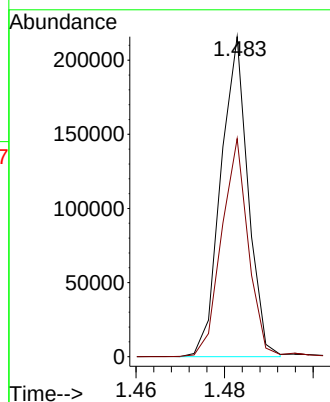
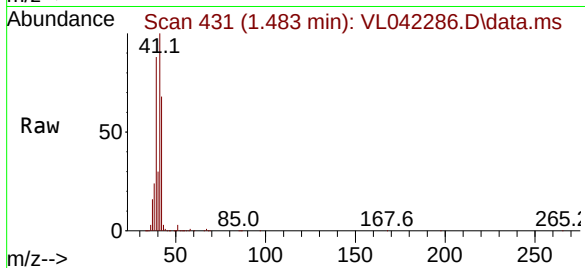
VSTDCCC010

Tgt Ion: 41 Resp: 92247

Ion Ratio Lower Upper

41 100

42 67.9 55.4 83.2



#10

Heptane

Concen: 9.789 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VL042286.D

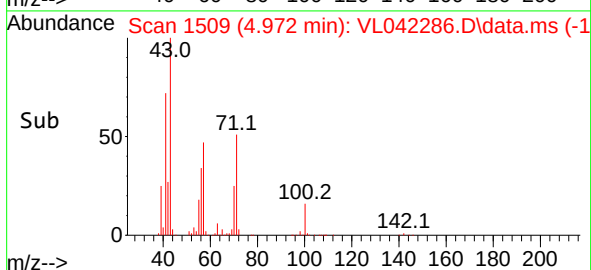
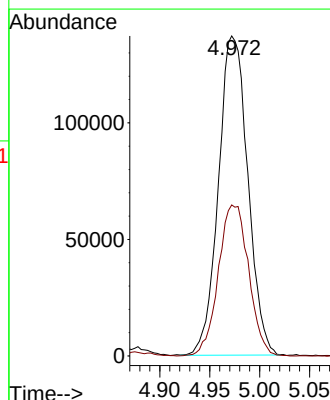
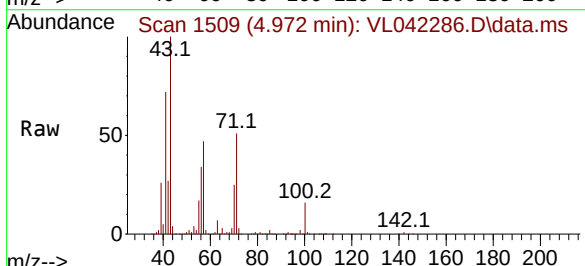
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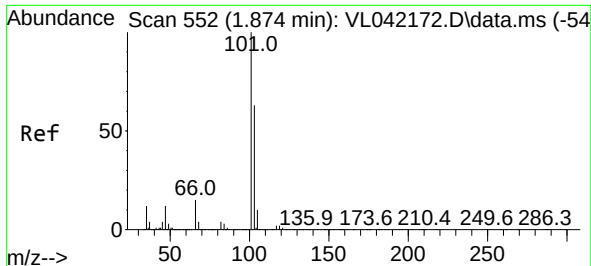
Tgt Ion: 43 Resp: 280156

Ion Ratio Lower Upper

43 100

57 48.8 39.4 59.2

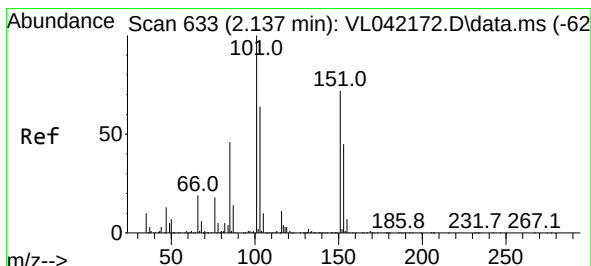
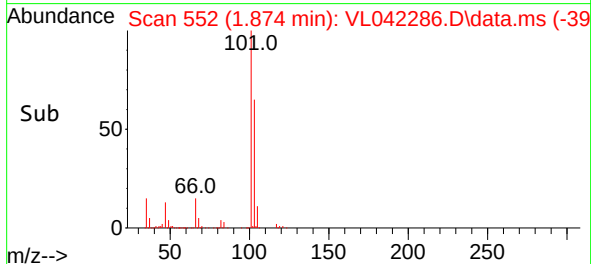
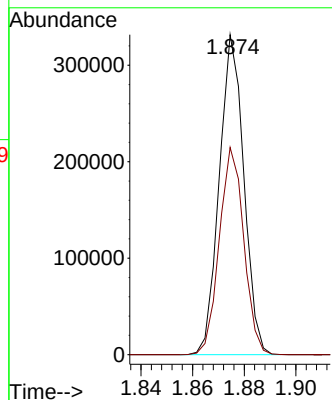
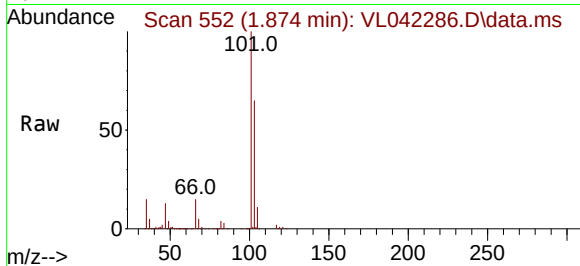




#11
 Trichlorofluoromethane
 Concen: 9.783 ppbv
 RT: 1.874 min Scan# 552
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

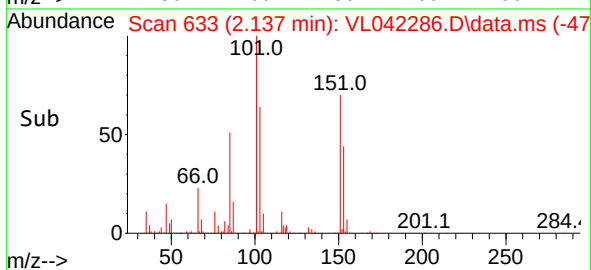
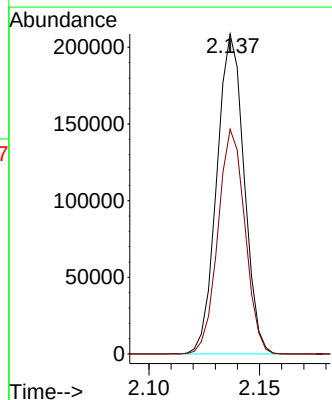
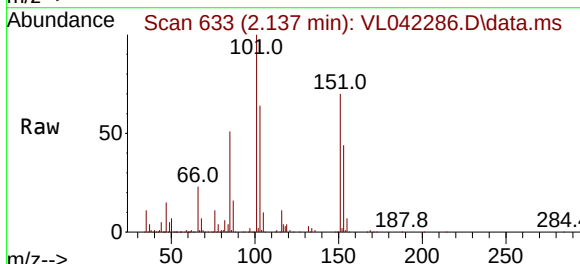
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

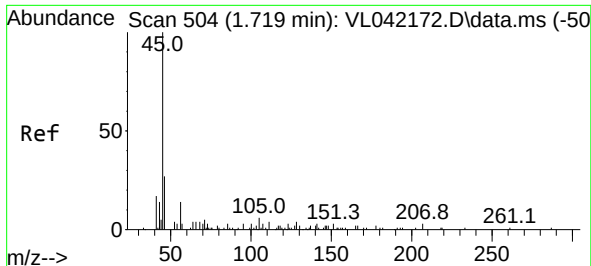
Tgt Ion:101 Resp: 218729
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.726 ppbv
 RT: 2.137 min Scan# 633
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion:101 Resp: 178752
 Ion Ratio Lower Upper
 101 100
 151 69.7 57.1 85.7

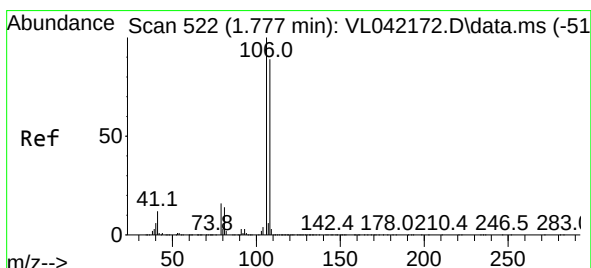
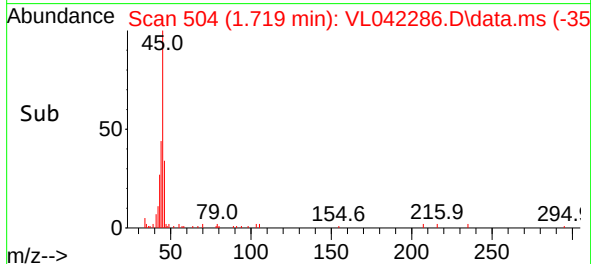
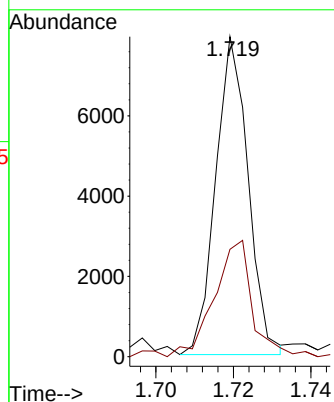
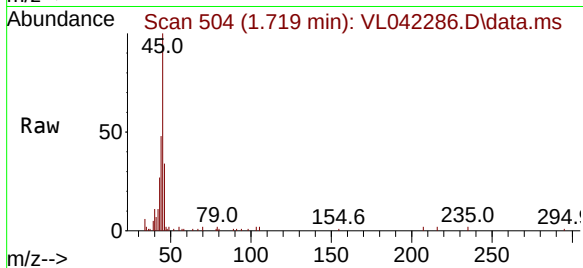




#13
Ethanol
Concen: 4.530 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

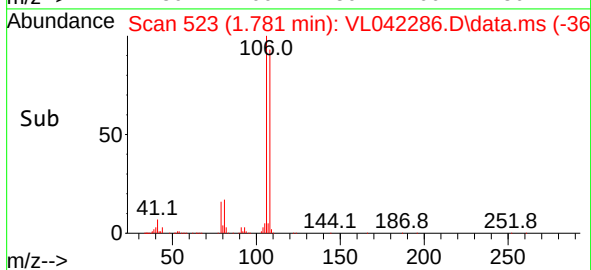
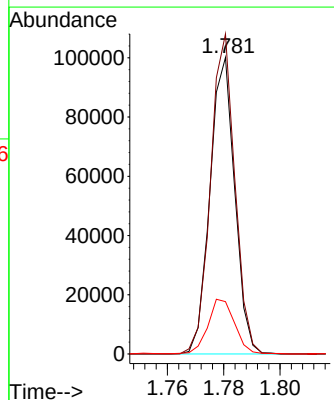
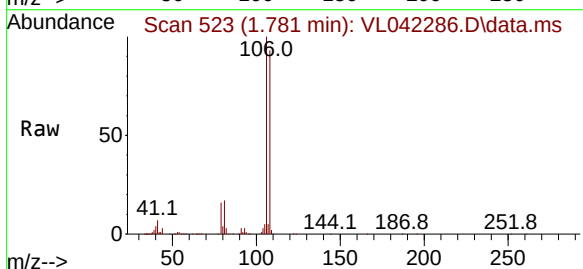
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

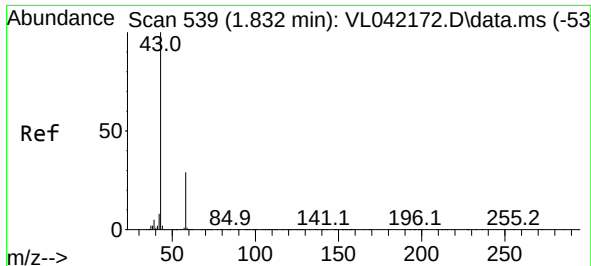
Tgt Ion: 45 Resp: 4608
Ion Ratio Lower Upper
45 100
46 44.9 20.2 80.8



#14
Bromoethene
Concen: 8.693 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 108 Resp: 61204
Ion Ratio Lower Upper
108 100
106 105.7 86.8 130.2
79 20.3 15.0 22.6

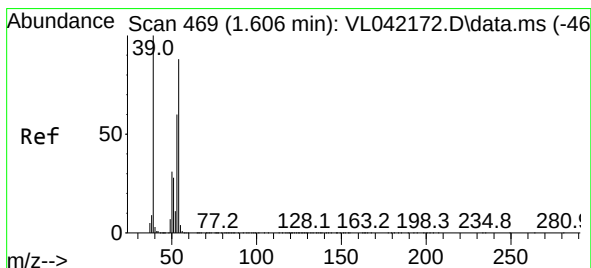
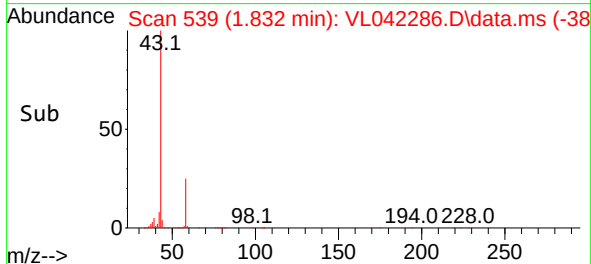
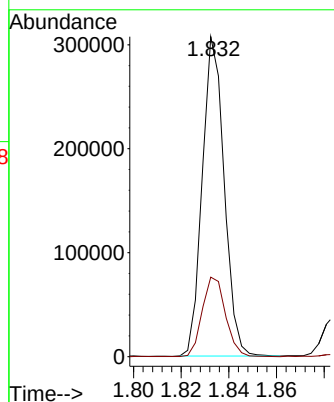
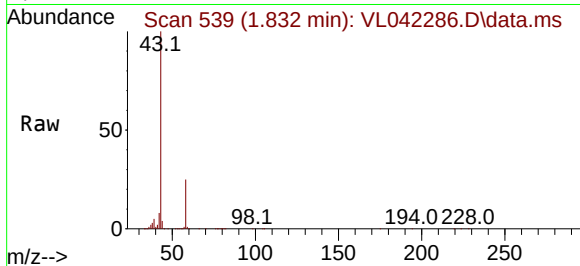




#15
Acetone
Concen: 9.008 ppbv
RT: 1.832 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

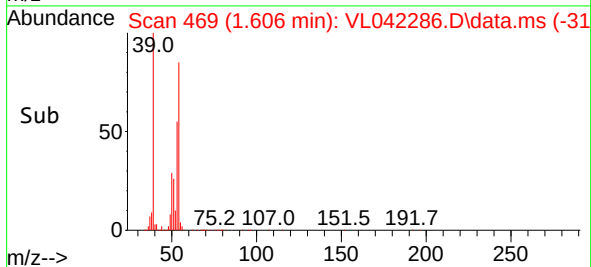
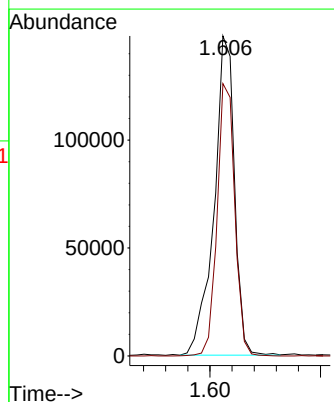
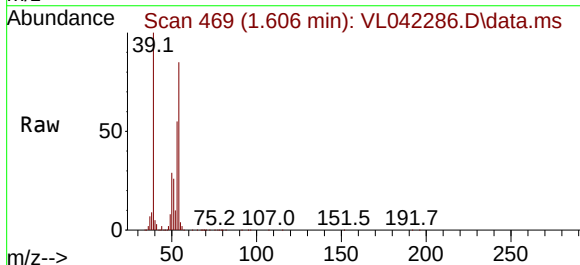
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

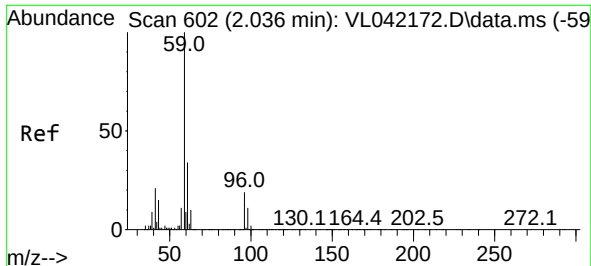
Tgt Ion: 43 Resp: 196063
Ion Ratio Lower Upper
43 100
58 26.8 23.2 34.8



#16
1,3-Butadiene
Concen: 8.931 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 39 Resp: 94932
Ion Ratio Lower Upper
39 100
54 73.9 60.7 91.1





#17

tert-Butyl alcohol

Concen: 8.122 ppbv

RT: 2.040 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

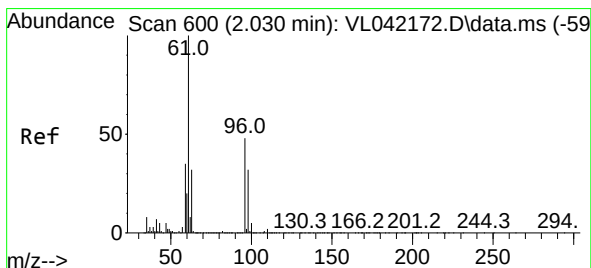
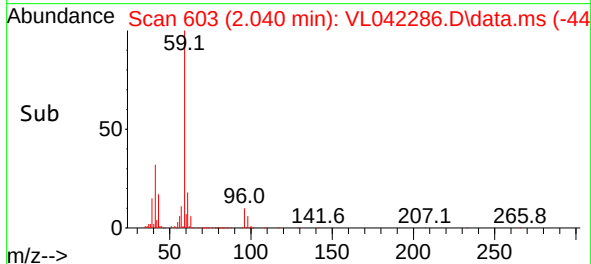
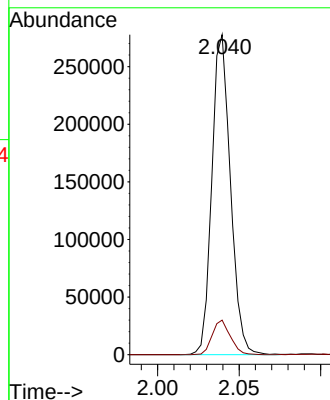
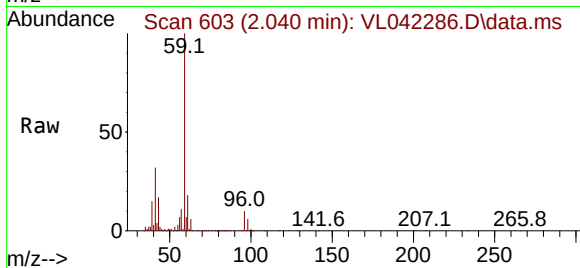
VSTDCCC010

Tgt Ion: 59 Resp: 220187

Ion Ratio Lower Upper

59 100

57 10.5 8.9 13.3



#18

1,1-Dichloroethene

Concen: 9.042 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

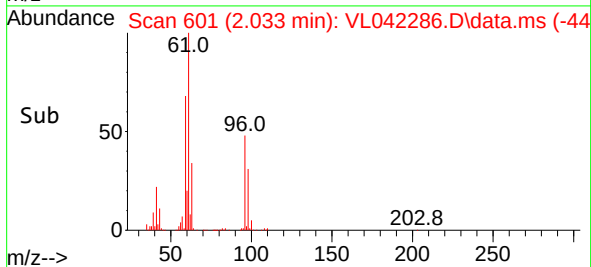
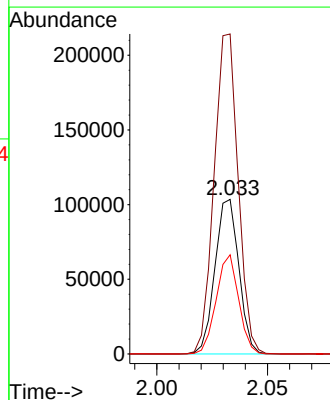
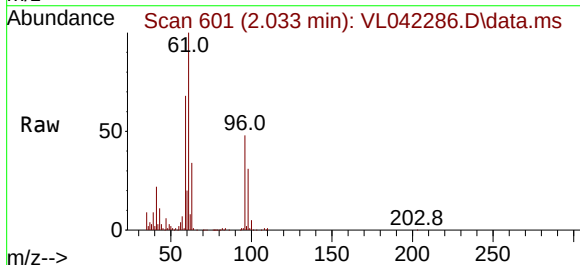
Tgt Ion: 96 Resp: 77686

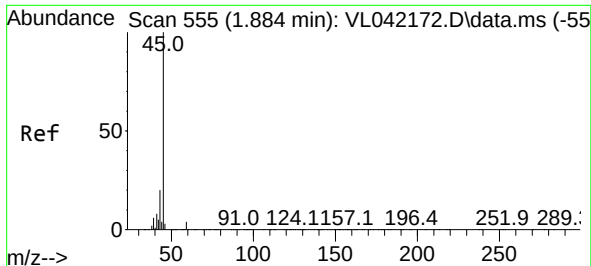
Ion Ratio Lower Upper

96 100

61 207.1 167.6 251.4

98 64.2 53.5 80.3

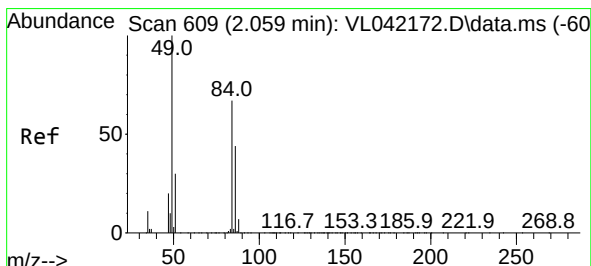
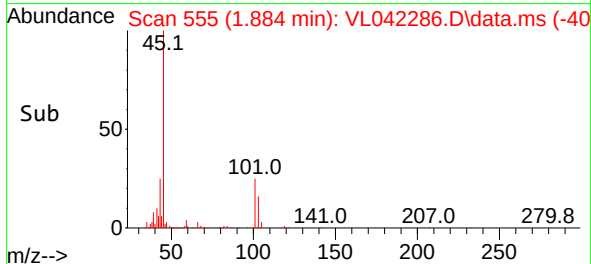
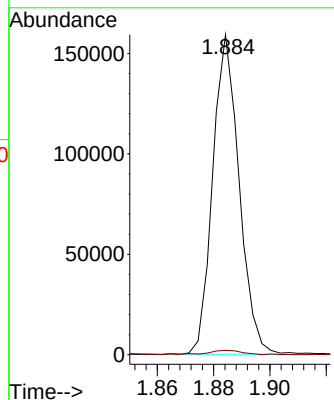
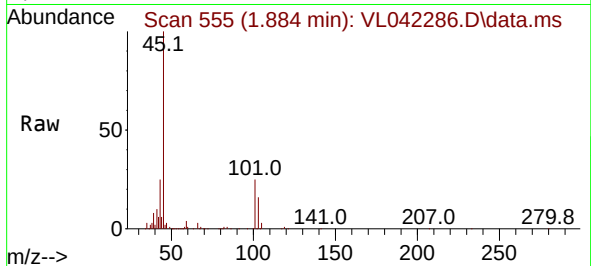




#19
Isopropyl Alcohol
Concen: 8.415 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

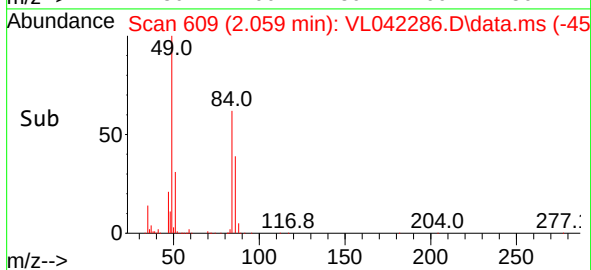
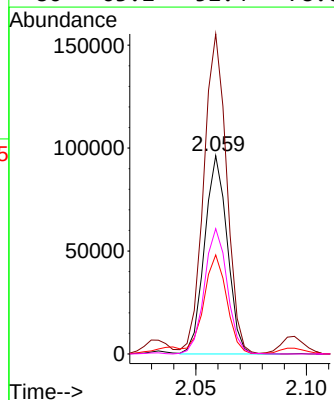
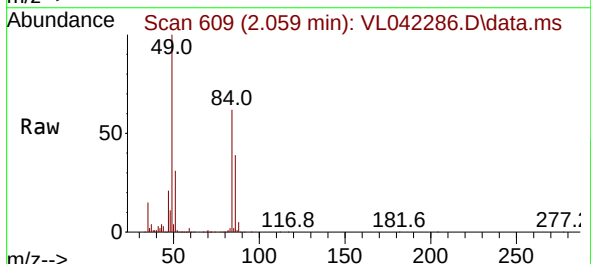
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

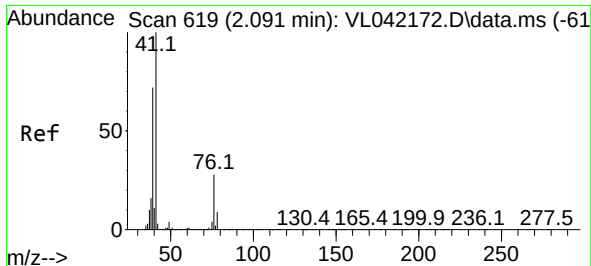
Tgt Ion: 45 Resp: 103348
Ion Ratio Lower Upper
45 100
58 50.7 36.9 55.3



#20
Methylene Chloride
Concen: 8.461 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 84 Resp: 68588
Ion Ratio Lower Upper
84 100
49 159.3 120.2 180.4
51 48.1 37.4 56.0
86 63.2 52.4 78.6

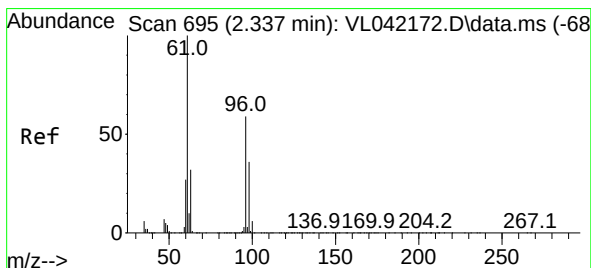
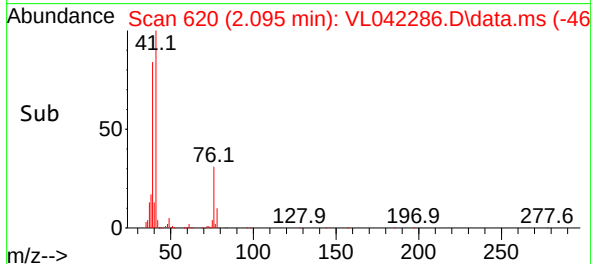
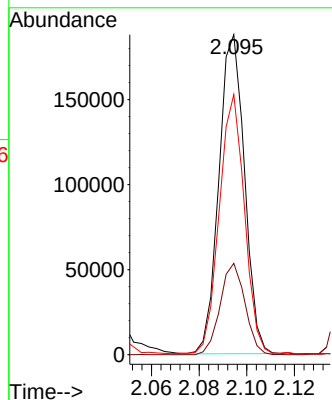
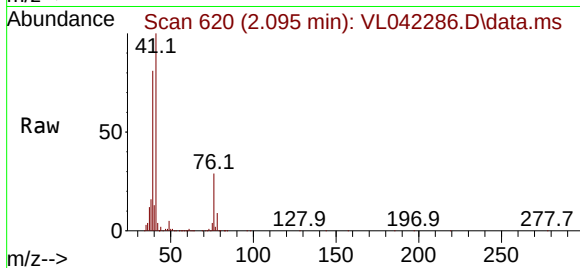




#21
 Allyl Chloride
 Concen: 9.118 ppbv
 RT: 2.095 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

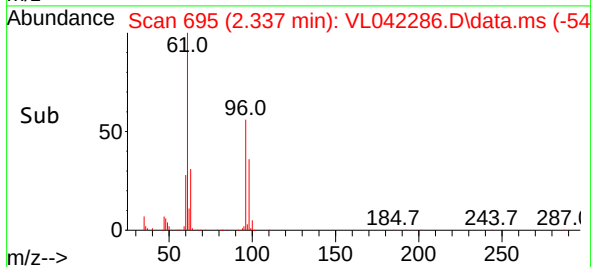
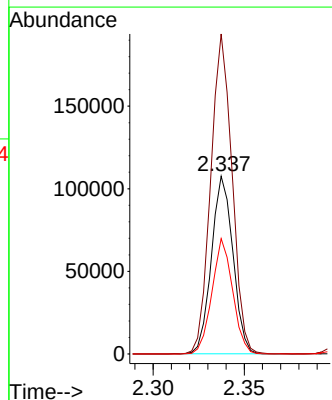
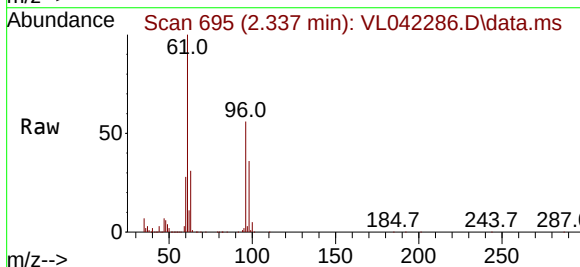
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

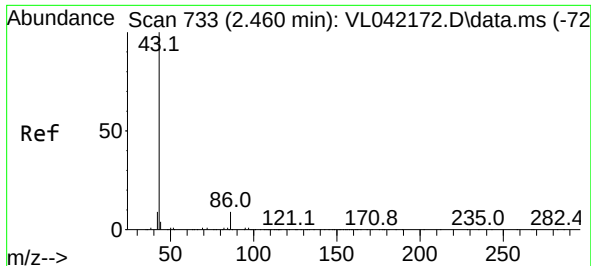
Tgt Ion: 41 Resp: 139965
 Ion Ratio Lower Upper
 41 100
 76 27.7 24.1 36.1
 39 79.7 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 8.896 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 96 Resp: 88334
 Ion Ratio Lower Upper
 96 100
 61 180.1 136.6 204.8
 98 64.9 49.4 74.2

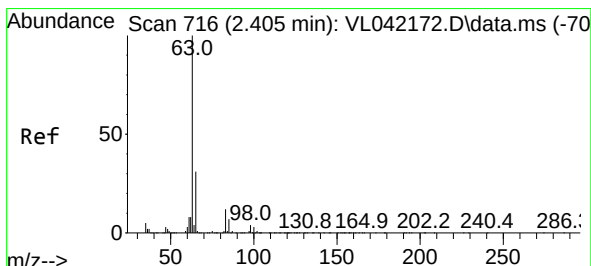
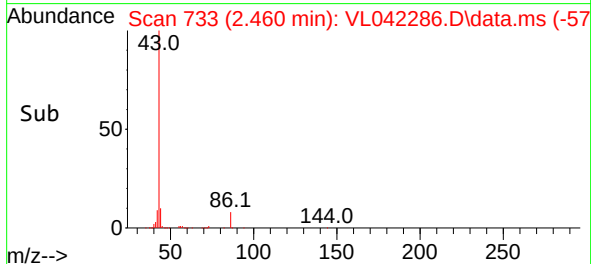
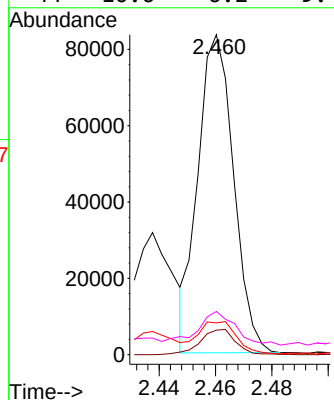
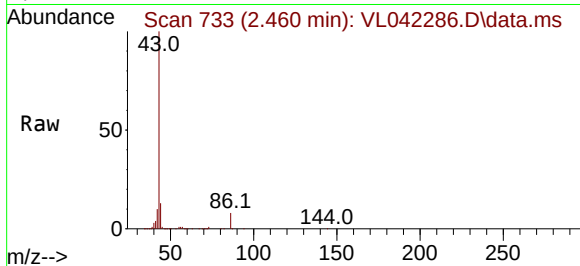




#23
 Vinyl Acetate
 Concen: 7.766 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

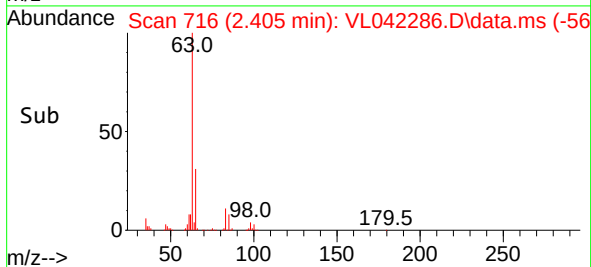
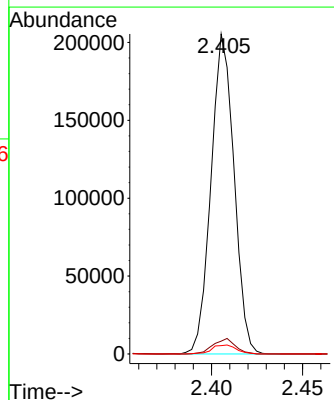
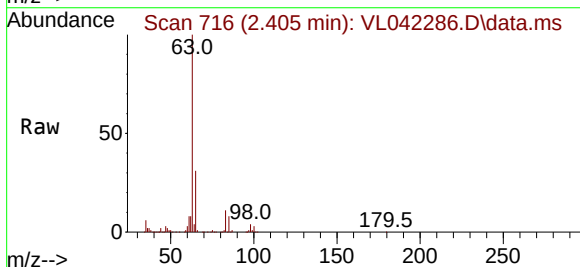
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

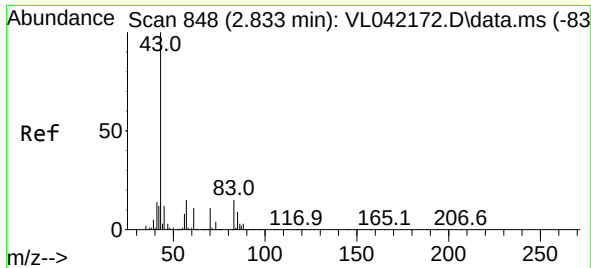
Tgt Ion:	43	Resp:	73162
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.5	8.3
42	9.7	8.6	13.0
44	10.6	6.2	9.4



#24
 1,1-Dichloroethane
 Concen: 9.801 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion:	63	Resp:	180404
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.8
100	2.6	1.6	4.7

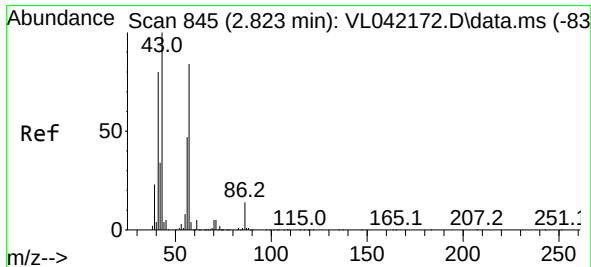
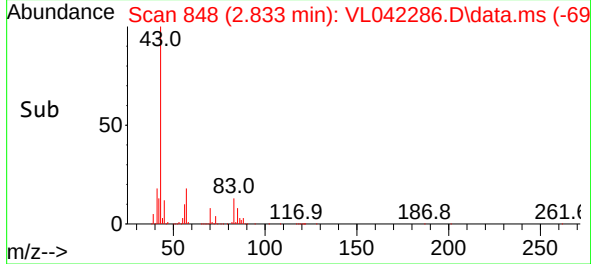
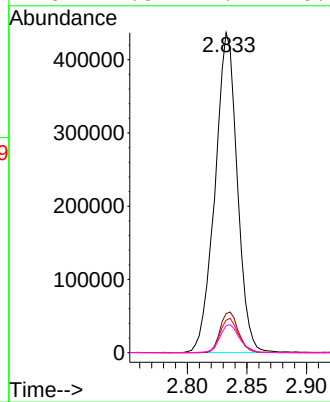
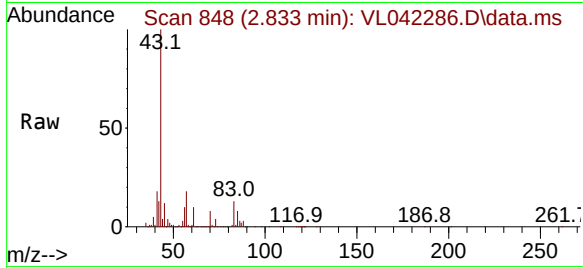




#25
Ethyl Acetate
Concen: 10.039 ppbv
RT: 2.833 min Scan# 848
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

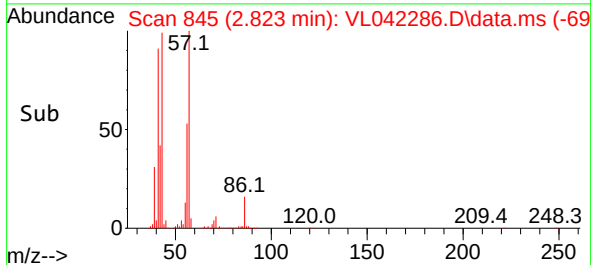
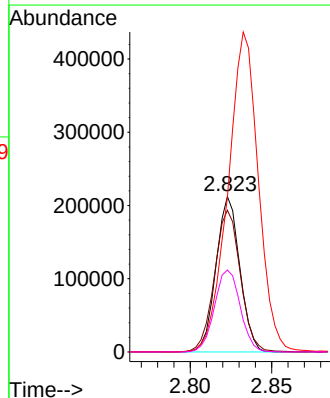
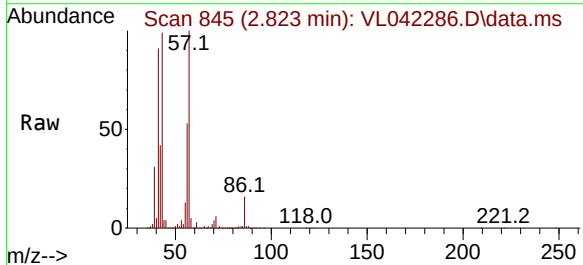
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

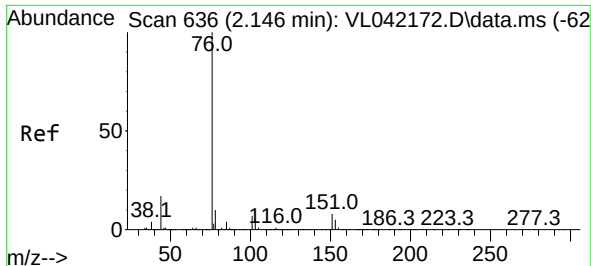
Tgt Ion:	43	Resp:	567125
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	8.9	7.3	10.9
70	7.8	7.2	10.8



#26
Hexane
Concen: 9.848 ppbv
RT: 2.823 min Scan# 845
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion:	57	Resp:	214891
Ion	Ratio	Lower	Upper
57	100		
41	99.1	76.6	114.8
43	264.9	207.8	311.8
56	57.2	43.6	65.4

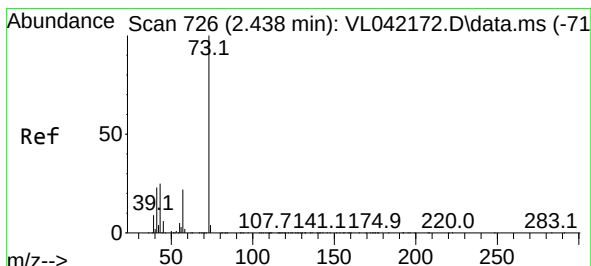
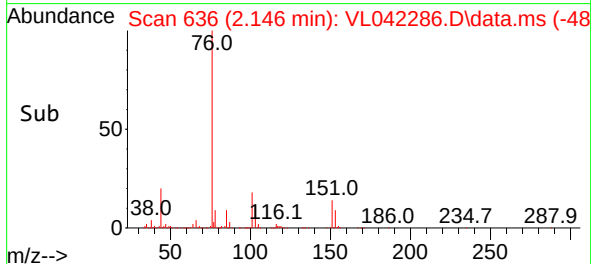
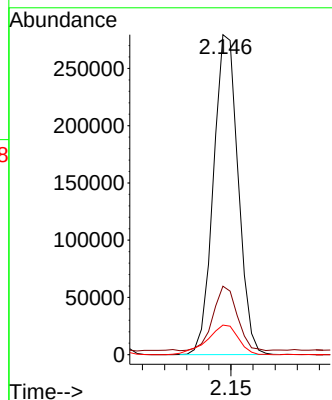
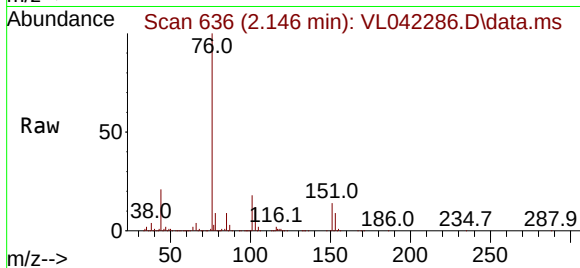




#27
Carbon Disulfide
Concen: 9.253 ppbv
RT: 2.146 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

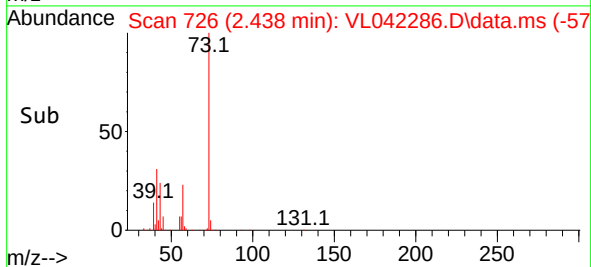
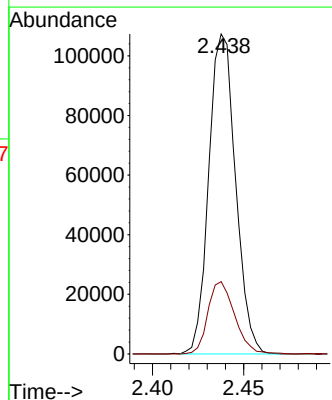
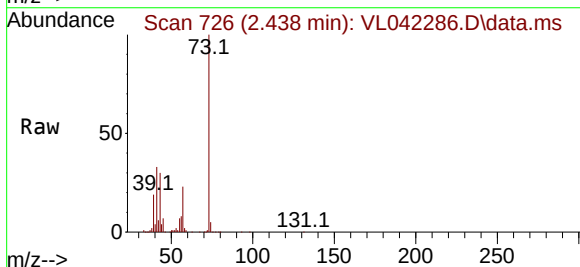
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

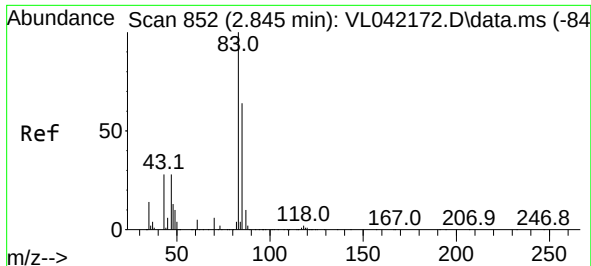
Tgt Ion: 76 Resp: 216499
Ion Ratio Lower Upper
76 100
44 20.6 14.7 22.1
78 11.8 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 8.077 ppbv
RT: 2.438 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 73 Resp: 109726
Ion Ratio Lower Upper
73 100
57 22.6 20.5 30.7





#29

Chloroform

Concen: 10.675 ppbv

RT: 2.845 min Scan# 852

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

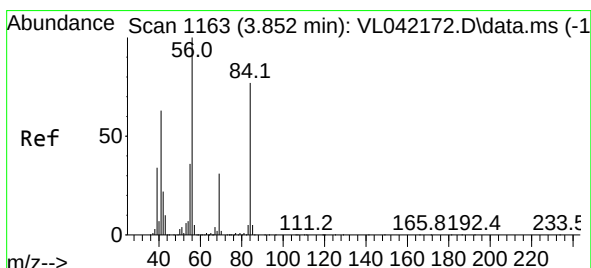
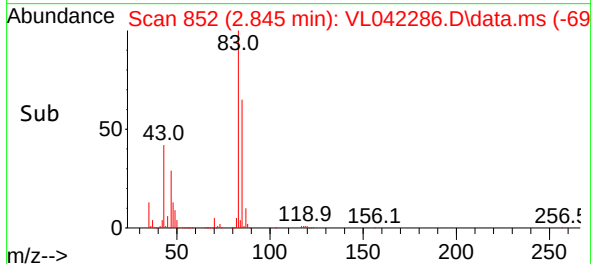
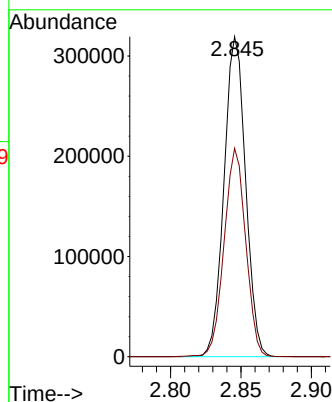
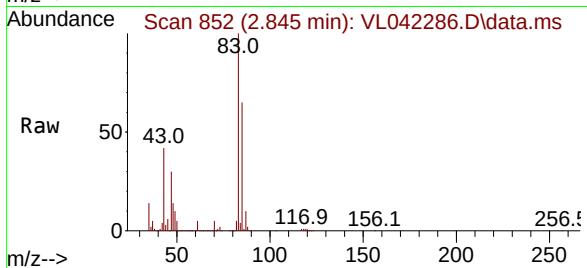
VSTDCCC010

Tgt Ion: 83 Resp: 340889

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.2



#30

Cyclohexane

Concen: 8.991 ppbv

RT: 3.852 min Scan# 1163

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

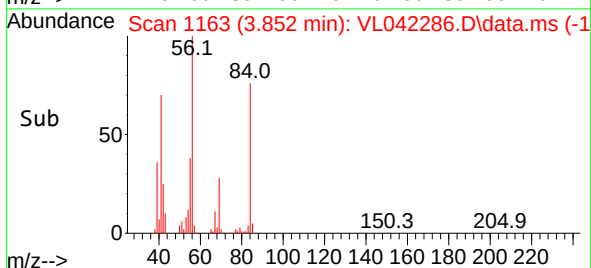
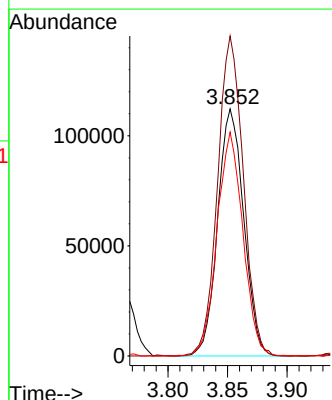
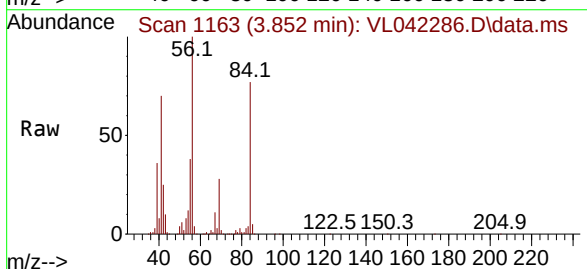
Tgt Ion: 84 Resp: 170359

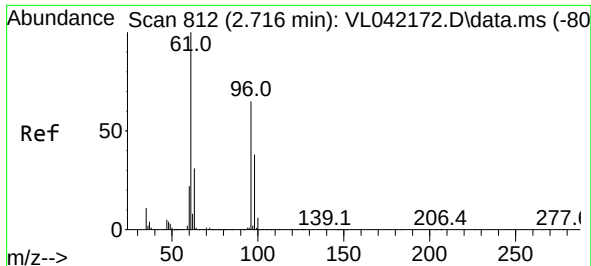
Ion Ratio Lower Upper

84 100

56 127.8 102.8 154.2

41 90.1 66.5 99.7

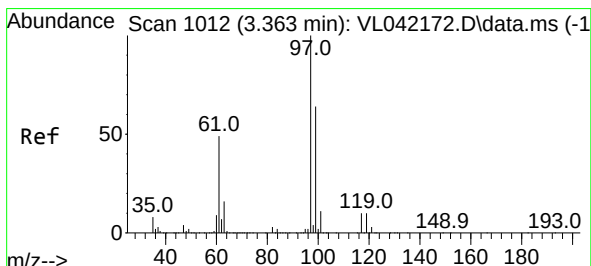
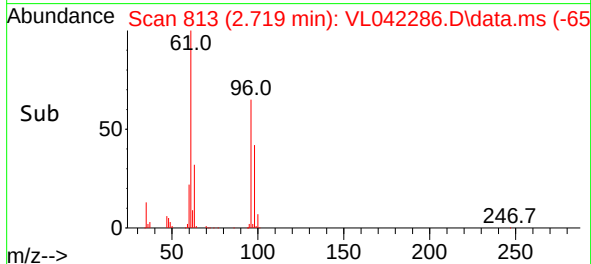
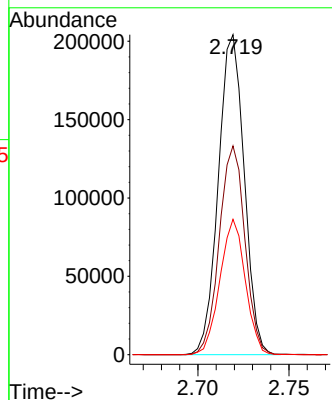
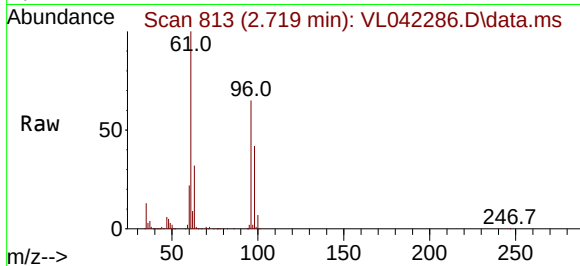




#31
 cis-1,2-Dichloroethene
 Concen: 9.110 ppbv
 RT: 2.719 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

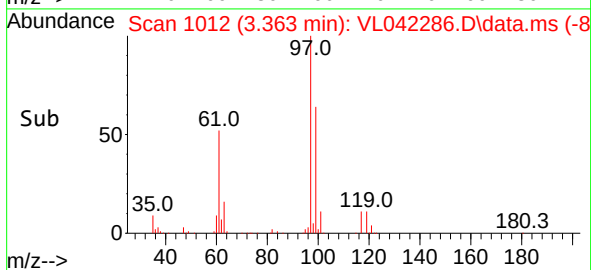
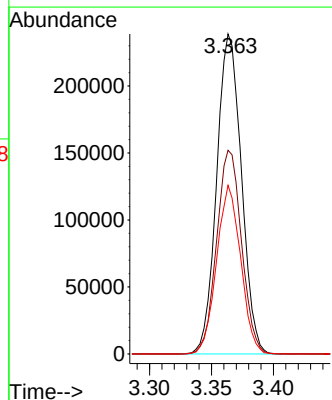
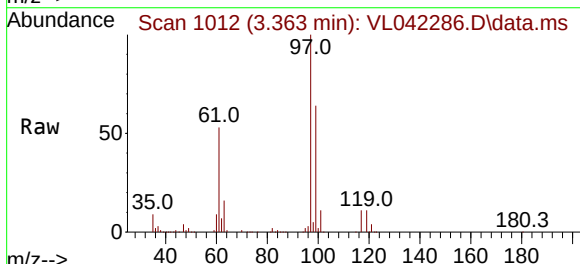
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

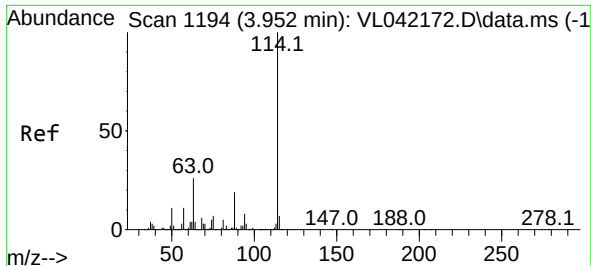
Tgt Ion: 61 Resp: 201796
 Ion Ratio Lower Upper
 61 100
 96 65.3 51.8 77.8
 98 42.3 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 9.088 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 97 Resp: 332252
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.5 77.3
 61 51.3 38.7 58.1

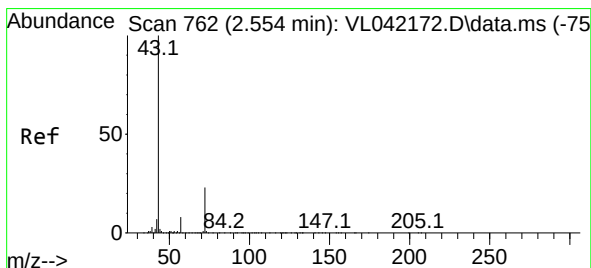
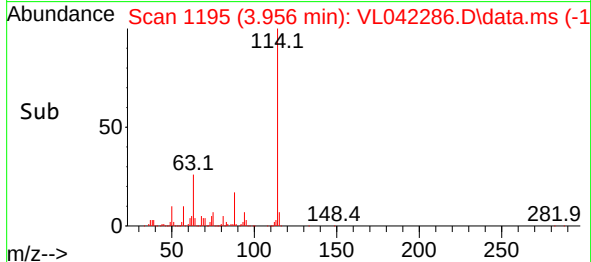
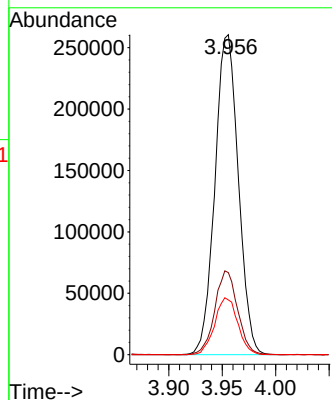
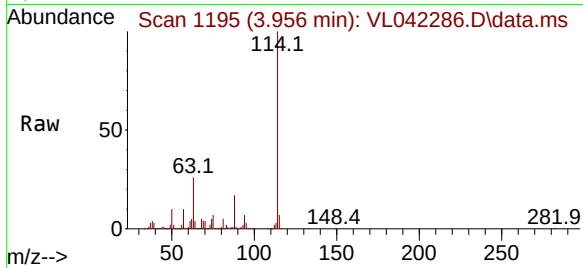




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.956 min Scan# 1195
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

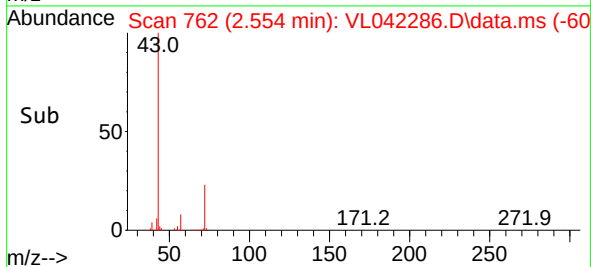
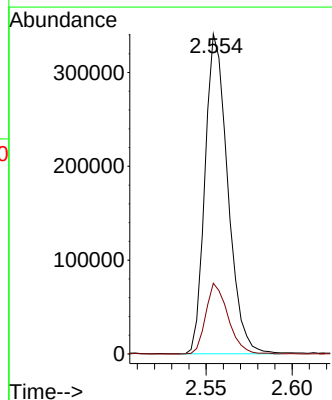
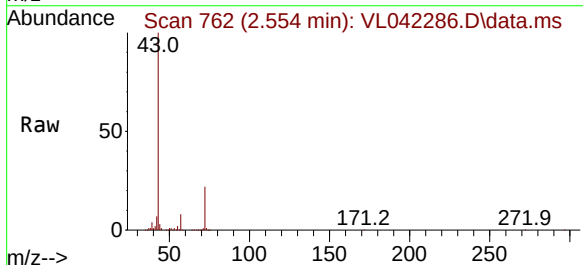
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

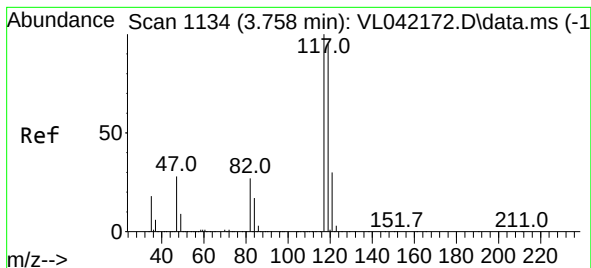
Tgt Ion:114 Resp: 397176
Ion Ratio Lower Upper
114 100
63 25.6 20.7 31.1
88 17.6 15.0 22.4



#34
2-Butanone
Concen: 10.886 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 43 Resp: 313515
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 11.256 ppbv

RT: 3.758 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

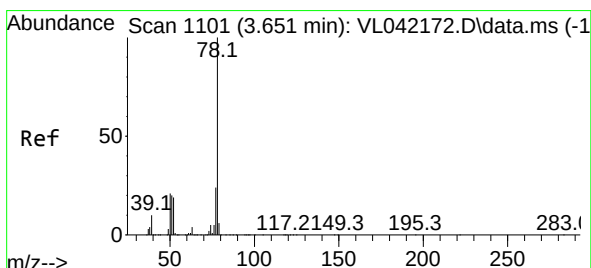
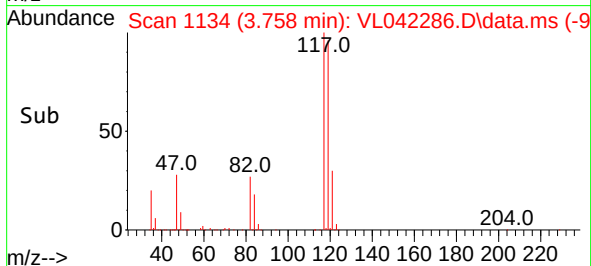
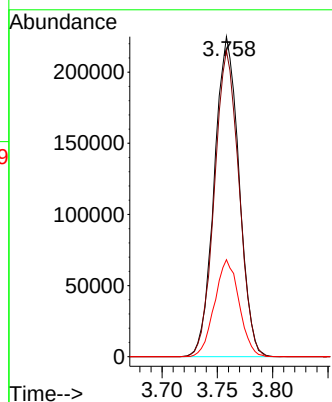
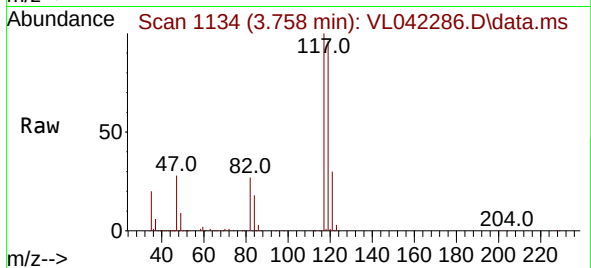
Tgt Ion:117 Resp: 349240

Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.2

121 30.3 24.2 36.4



#36

Benzene

Concen: 10.802 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

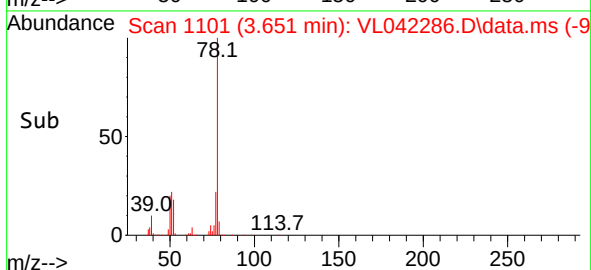
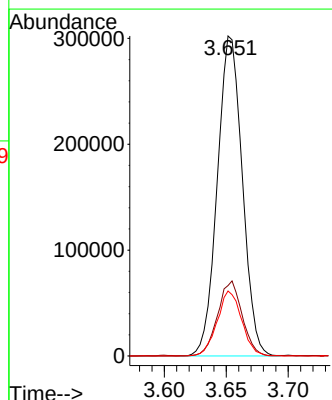
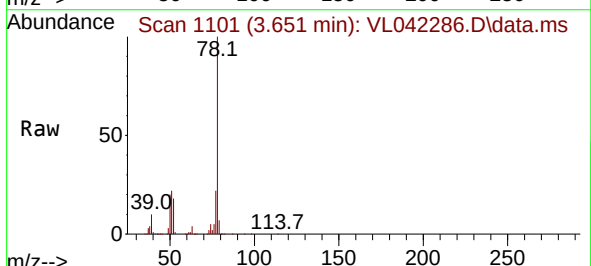
Tgt Ion: 78 Resp: 425324

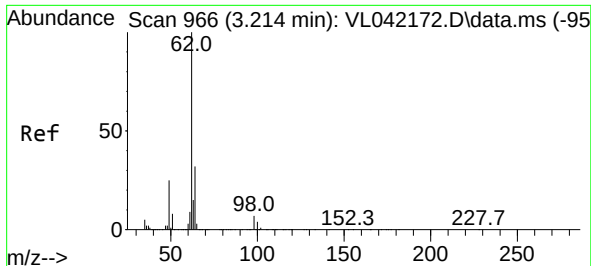
Ion Ratio Lower Upper

78 100

77 21.9 19.1 28.7

50 20.3 16.6 24.8





#37

1,2-Dichloroethane

Concen: 11.391 ppbv

RT: 3.214 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

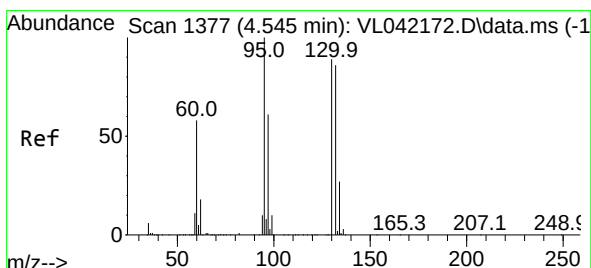
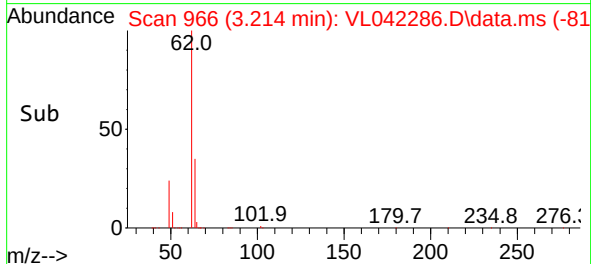
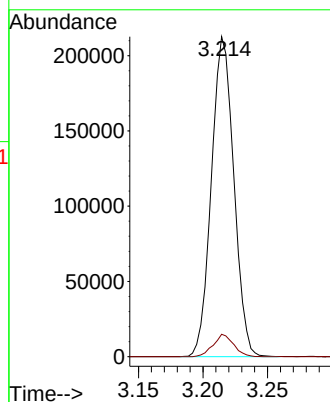
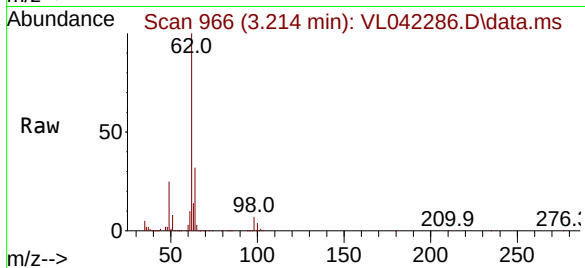
VSTDCCC010

Tgt Ion: 62 Resp: 256791

Ion Ratio Lower Upper

62 100

98 6.3 5.4 8.2



#38

Trichloroethene

Concen: 10.370 ppbv

RT: 4.541 min Scan# 1376

Delta R.T. -0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Tgt Ion:130 Resp: 170362

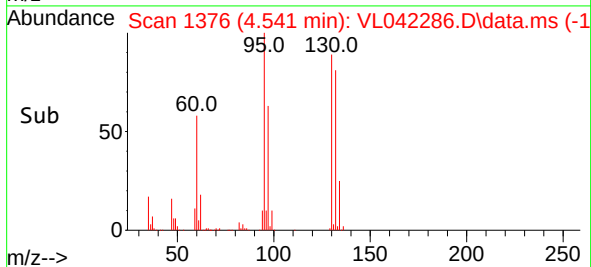
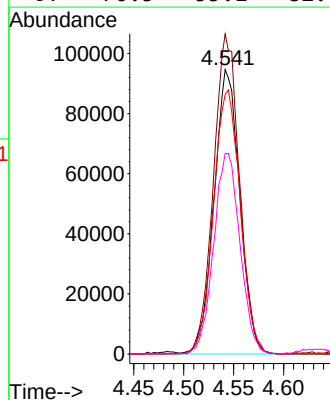
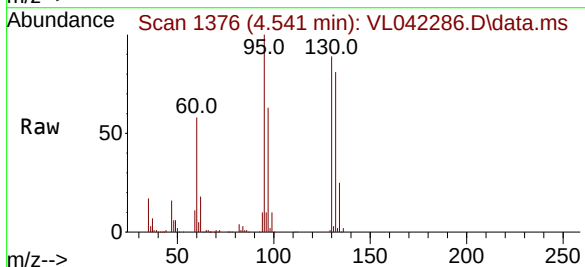
Ion Ratio Lower Upper

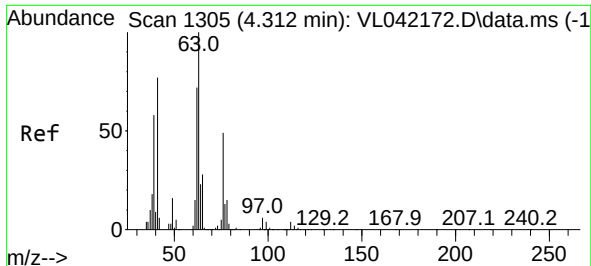
130 100

95 112.5 89.8 134.8

132 91.3 77.4 116.2

97 70.5 55.1 82.7

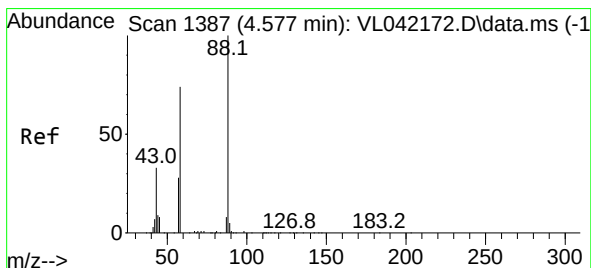
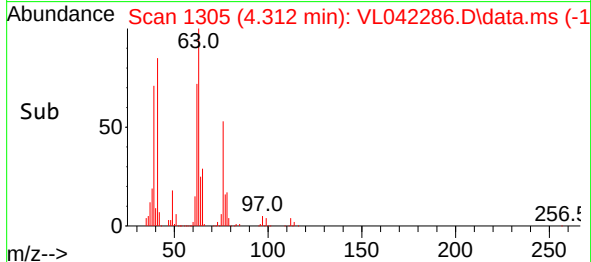
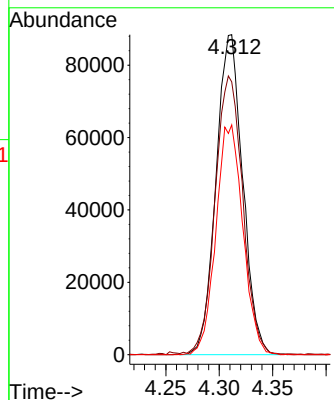
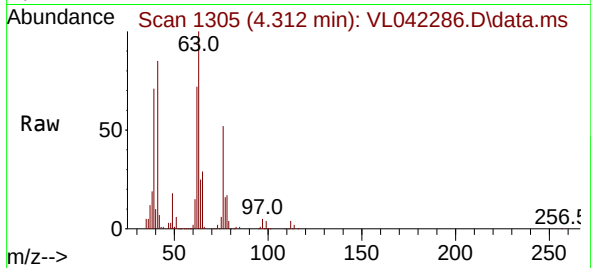




#39
 1,2-Dichloropropane
 Concen: 10.710 ppbv
 RT: 4.312 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

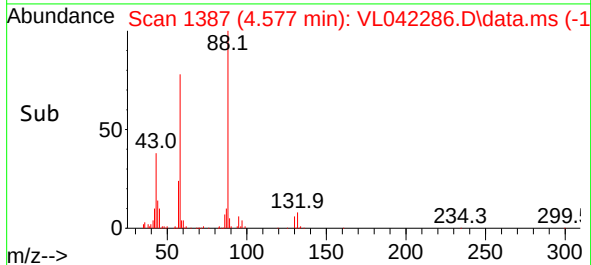
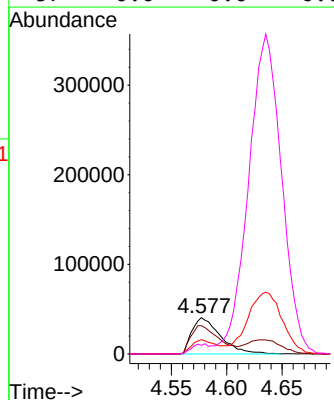
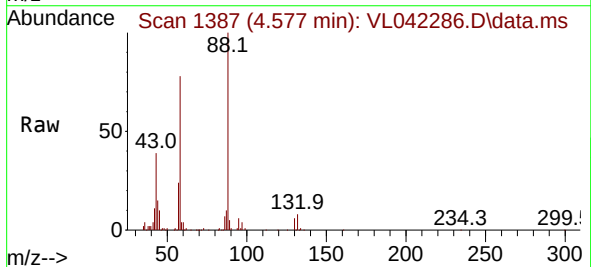
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

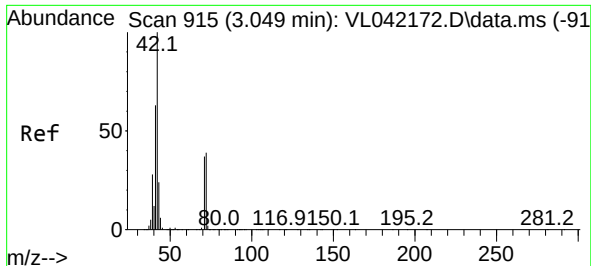
Tgt Ion: 63 Resp: 153583
 Ion Ratio Lower Upper
 63 100
 41 85.0 61.7 92.5
 62 71.8 57.6 86.4



#40
 1,4-Dioxane
 Concen: 9.539 ppbv
 RT: 4.577 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 88 Resp: 72604
 Ion Ratio Lower Upper
 88 100
 58 75.1 62.7 94.1
 43 33.8 23.0 34.4
 57 0.0 0.0 0.0

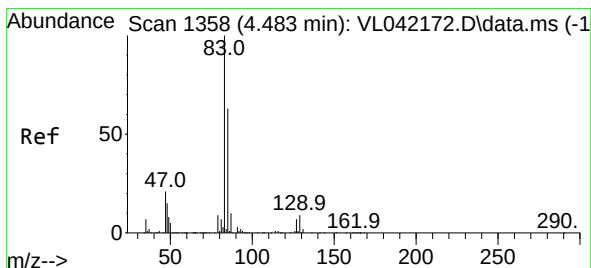
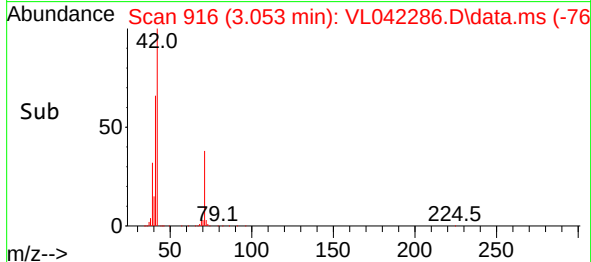
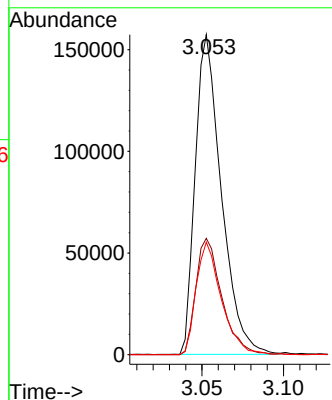
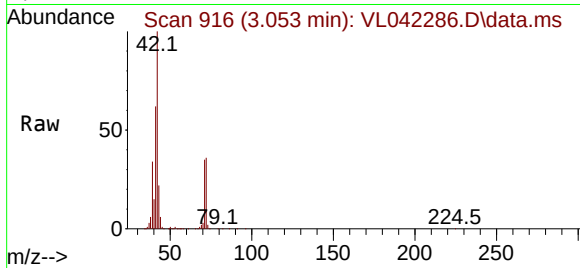




#41
Tetrahydrofuran
Concen: 10.556 ppbv
RT: 3.053 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

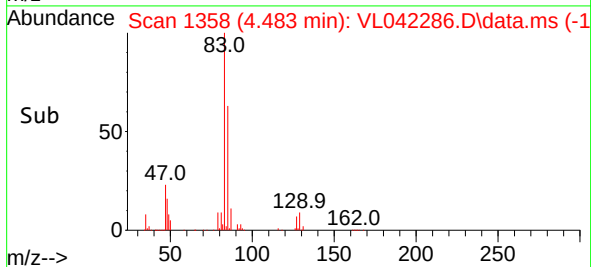
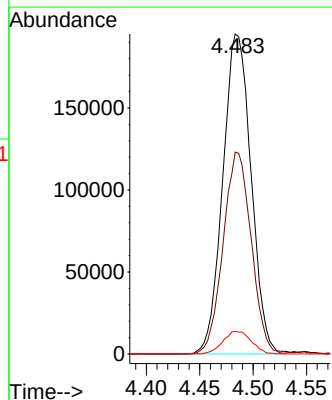
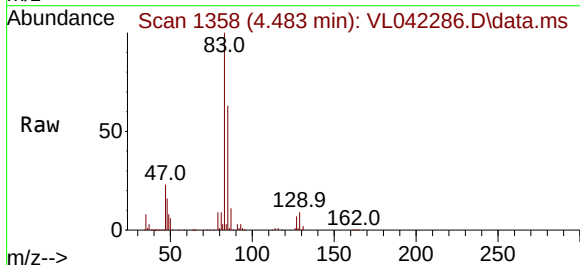
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

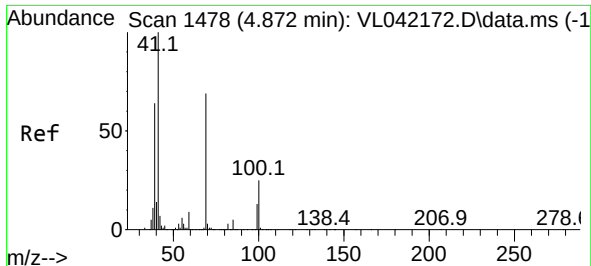
Tgt Ion: 42 Resp: 175060
Ion Ratio Lower Upper
42 100
72 36.2 31.4 47.0
71 34.2 30.2 45.4



#42
Bromodichloromethane
Concen: 11.551 ppbv
RT: 4.483 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 83 Resp: 358962
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 7.1 5.9 8.9

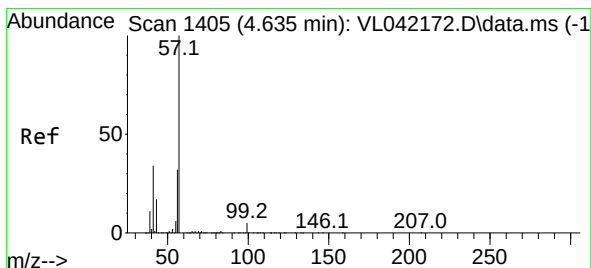
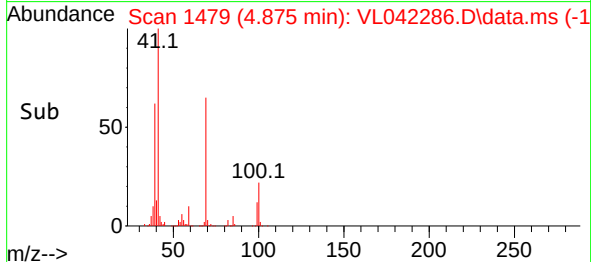
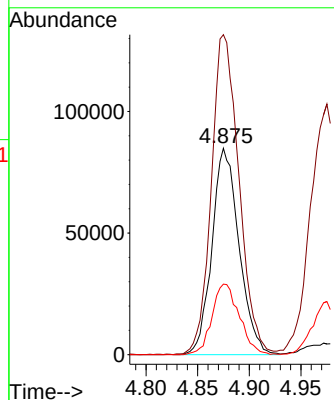
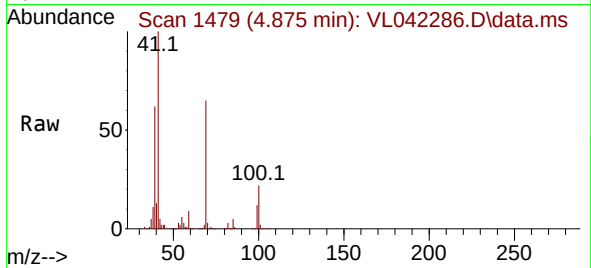




#43
Methyl Methacrylate
Concen: 9.297 ppbv
RT: 4.875 min Scan# 1478
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

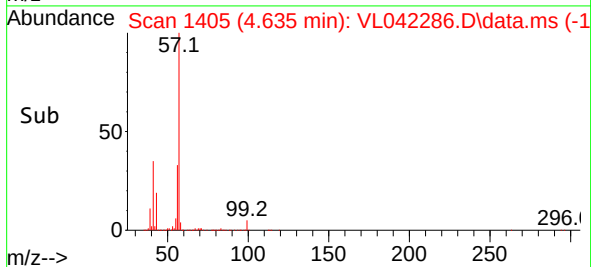
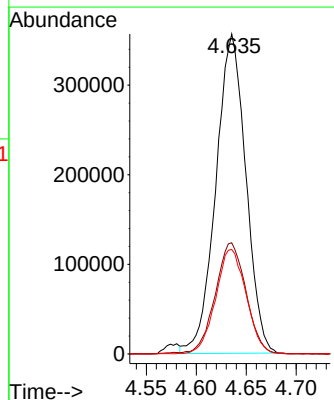
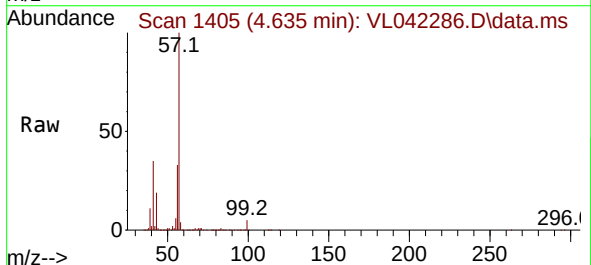
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

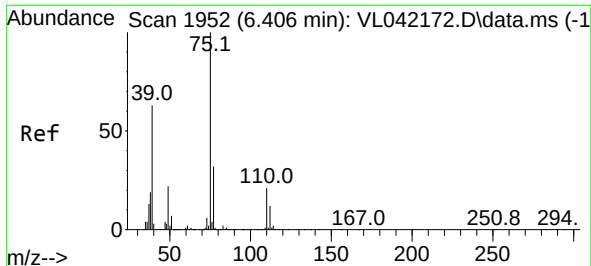
Tgt Ion: 69 Resp: 154975
Ion Ratio Lower Upper
69 100
41 158.4 123.8 185.6
100 34.5 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 11.157 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 57 Resp: 742388
Ion Ratio Lower Upper
57 100
41 36.2 26.8 40.2
56 33.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 8.231 ppbv

RT: 6.412 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

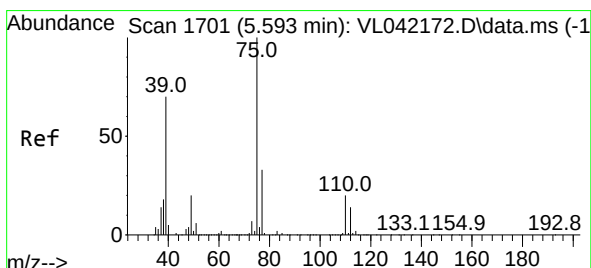
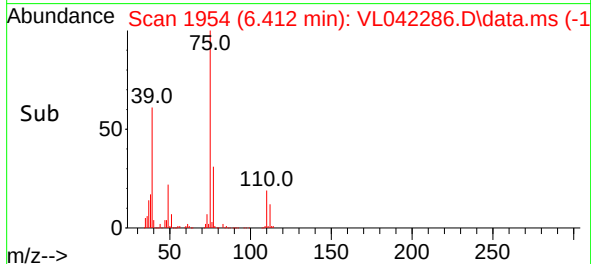
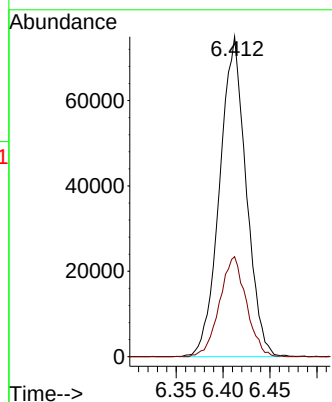
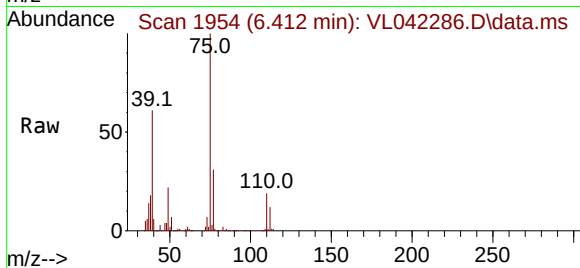
VSTDCCC010

Tgt Ion: 75 Resp: 147204

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 8.932 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

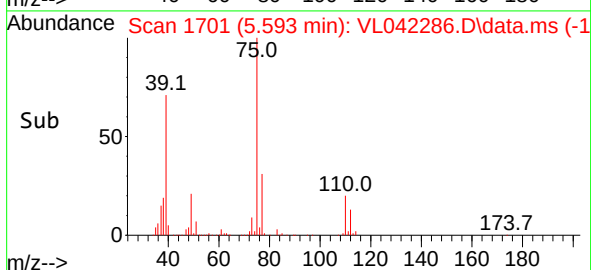
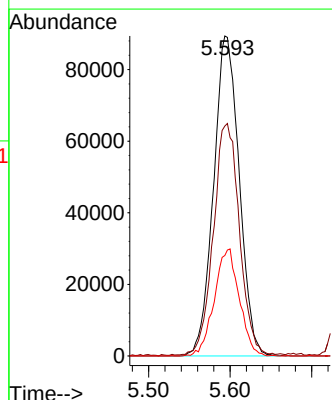
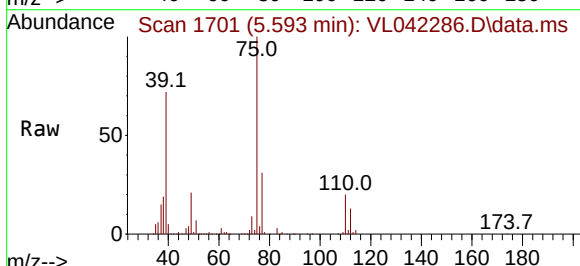
Tgt Ion: 75 Resp: 195802

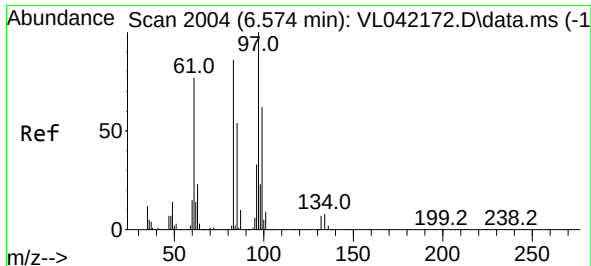
Ion Ratio Lower Upper

75 100

39 71.5 55.8 83.6

77 31.4 26.0 39.0

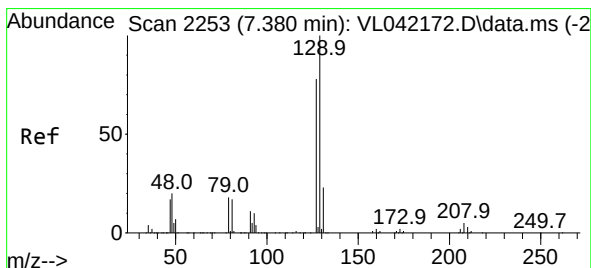
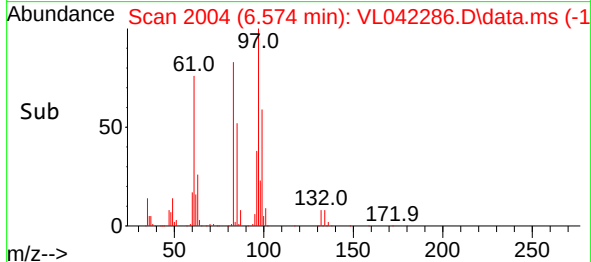
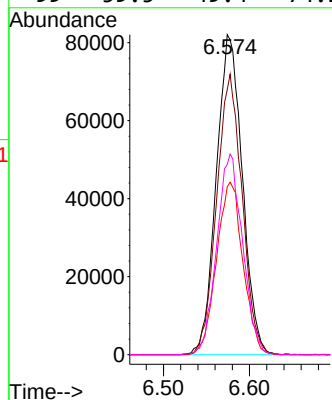
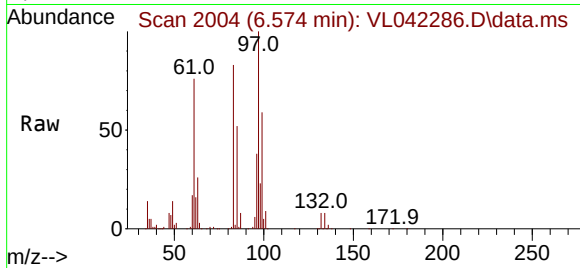




#47
1,1,2-Trichloroethane
Concen: 11.369 ppbv
RT: 6.574 min Scan# 2004
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

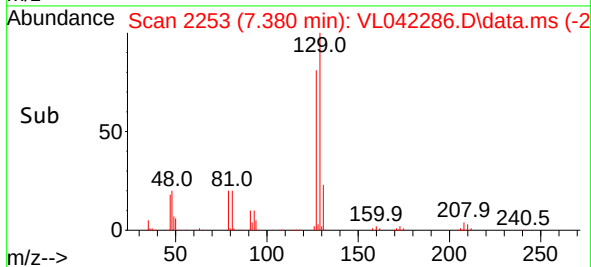
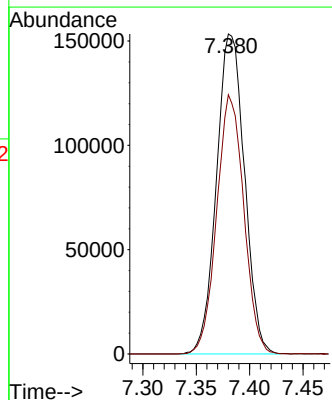
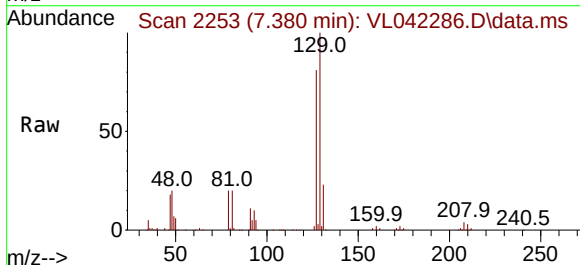
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

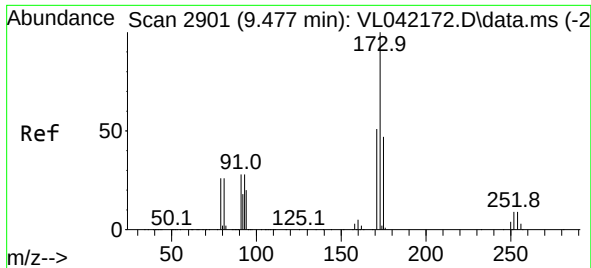
Tgt Ion: 97 Resp: 172343
Ion Ratio Lower Upper
97 100
83 82.8 69.2 103.8
85 52.5 43.1 64.7
99 59.5 49.4 74.2



#48
Dibromochloromethane
Concen: 10.907 ppbv
RT: 7.380 min Scan# 2253
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 129 Resp: 280199
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2





#49

Bromoform

Concen: 10.849 ppbv

RT: 9.481 min Scan# 2901

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

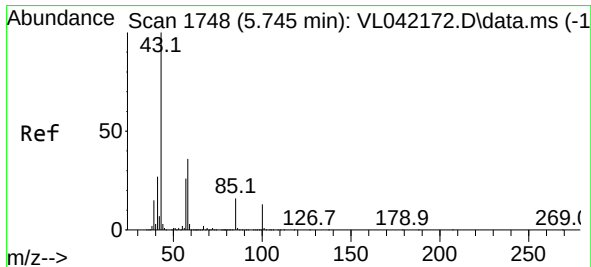
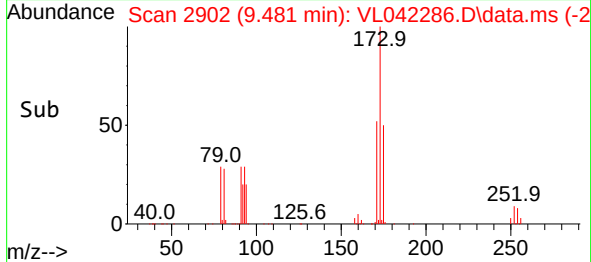
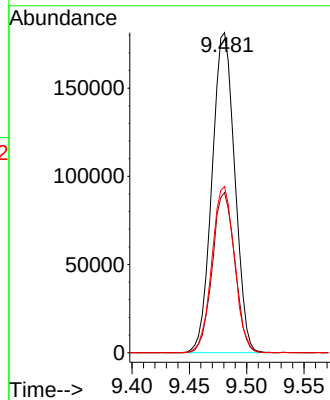
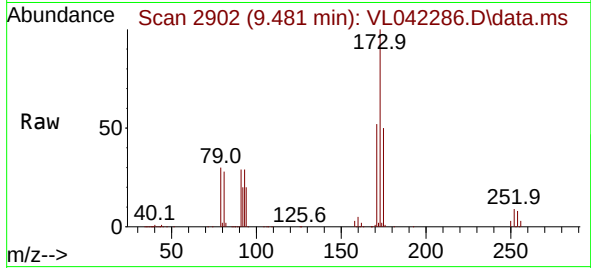
Tgt Ion:173 Resp: 250227

Ion Ratio Lower Upper

173 100

175 49.5 38.6 57.8

171 51.5 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 9.760 ppbv

RT: 5.745 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VL042286.D

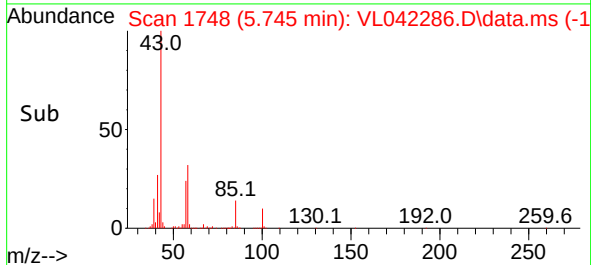
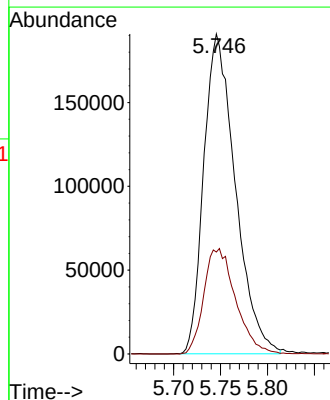
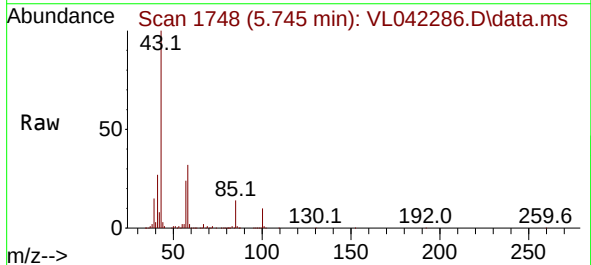
Acq: 09 Apr 2025 10:20

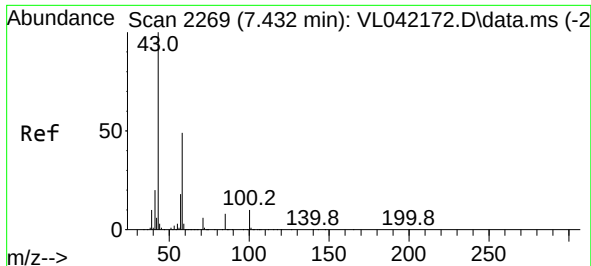
Tgt Ion: 43 Resp: 445454

Ion Ratio Lower Upper

43 100

58 33.4 29.0 43.6

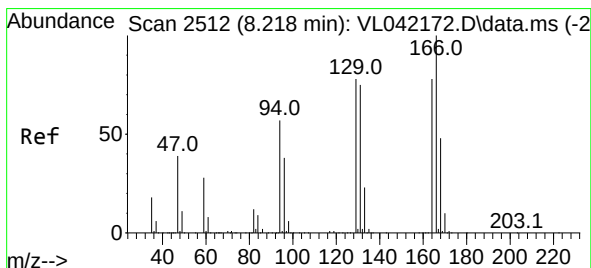
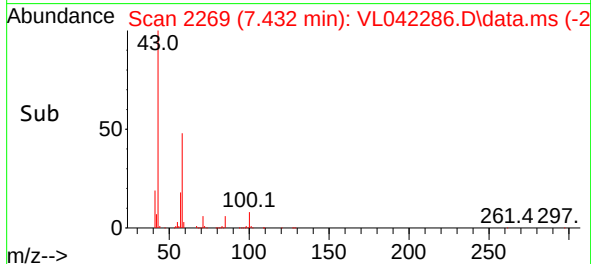
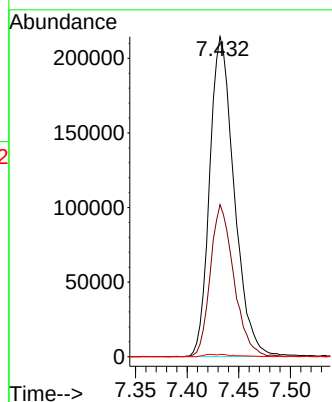
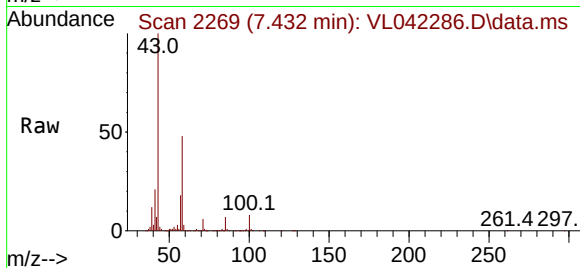




#51
2-Hexanone
Concen: 9.437 ppbv
RT: 7.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

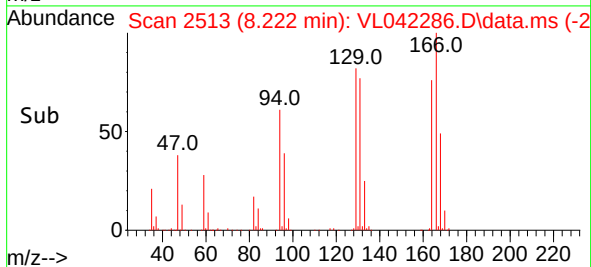
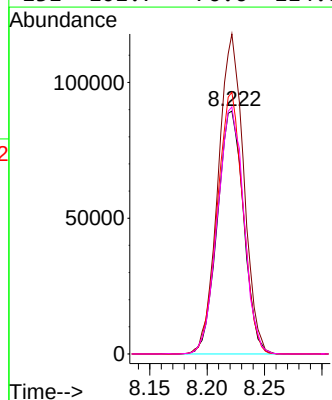
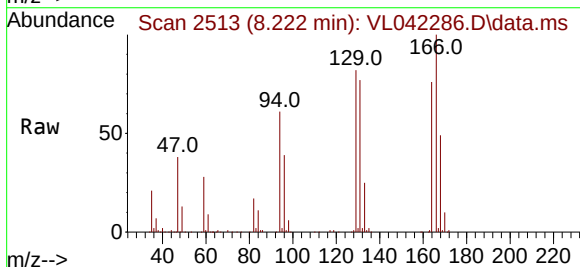
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

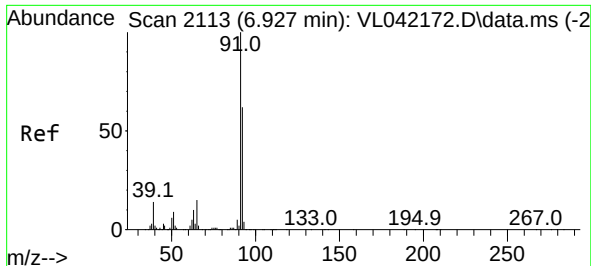
Tgt Ion: 43 Resp: 353706
Ion Ratio Lower Upper
43 100
58 45.8 39.7 59.5
98 0.9 0.1 0.1#



#52
Tetrachloroethene
Concen: 9.092 ppbv
RT: 8.222 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion:164 Resp: 141976
Ion Ratio Lower Upper
164 100
166 131.7 102.5 153.7
129 107.7 79.8 119.8
131 101.7 76.6 114.8

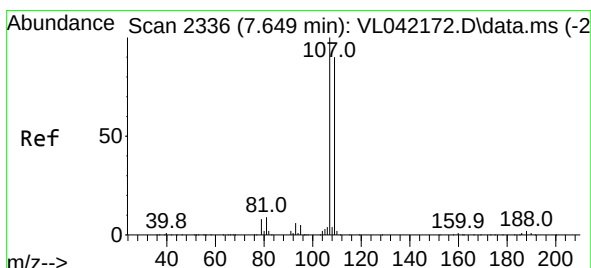
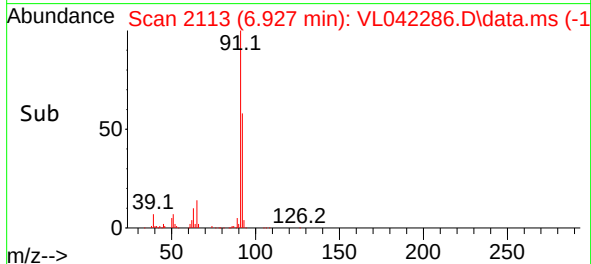
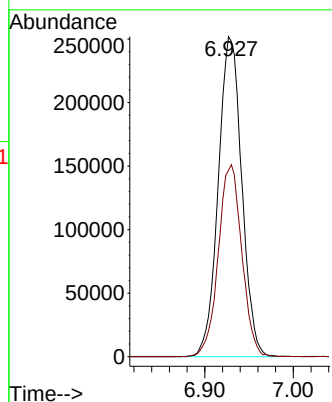
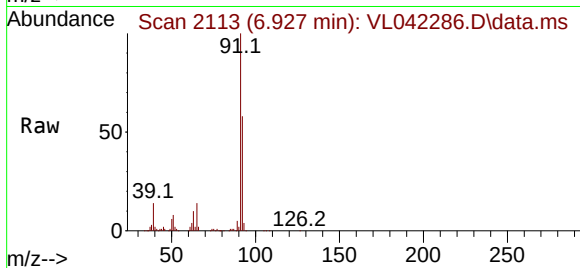




#53
Toluene
Concen: 9.961 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

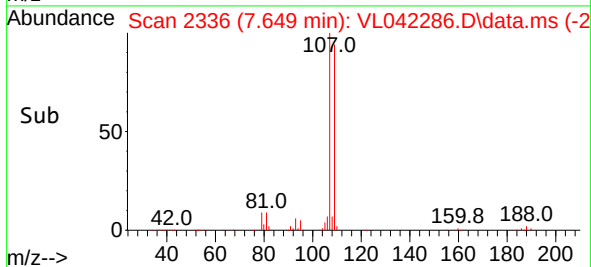
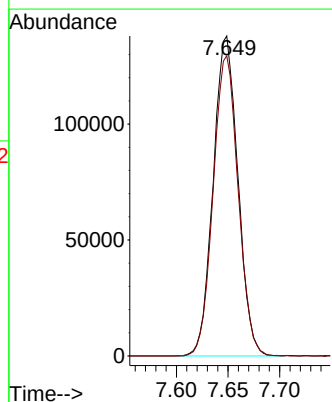
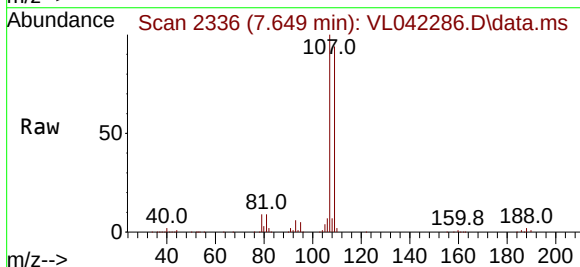
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

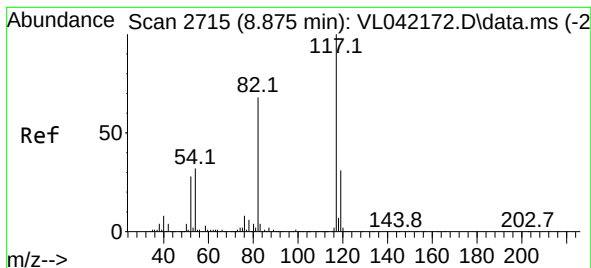
Tgt Ion: 91 Resp: 464948
Ion Ratio Lower Upper
91 100
92 60.0 48.4 72.6



#54
1,2-Dibromoethane
Concen: 10.871 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 107 Resp: 229720
Ion Ratio Lower Upper
107 100
109 93.8 72.2 108.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.879 min Scan# 2715

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

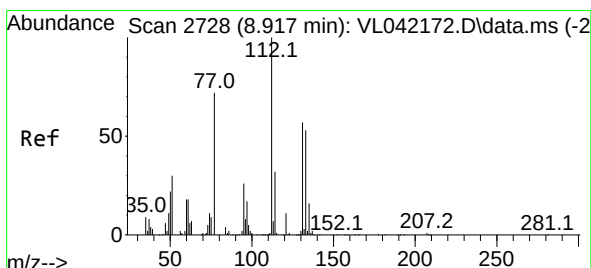
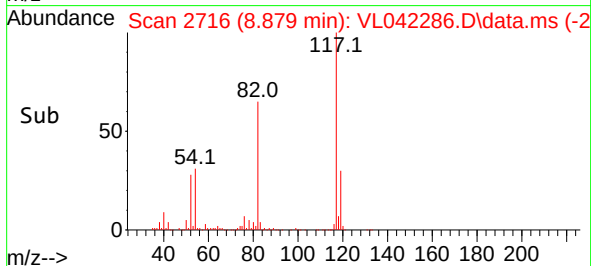
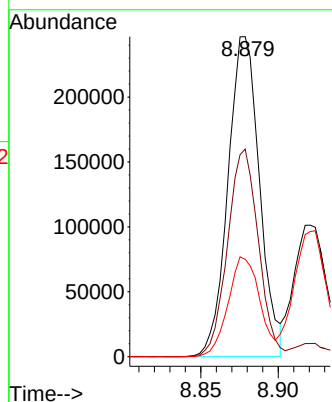
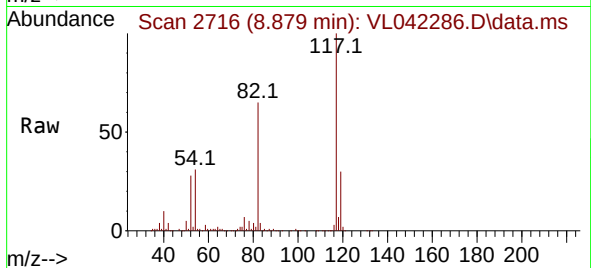
Tgt Ion:117 Resp: 350140

Ion Ratio Lower Upper

117 100

82 67.4 55.8 83.6

119 31.2 25.5 38.3



#56

1,1,1,2-Tetrachloroethane

Concen: 11.987 ppbv

RT: 8.921 min Scan# 2729

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

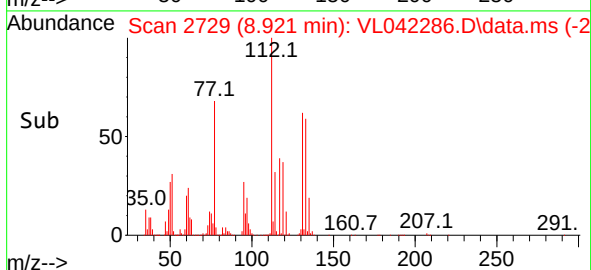
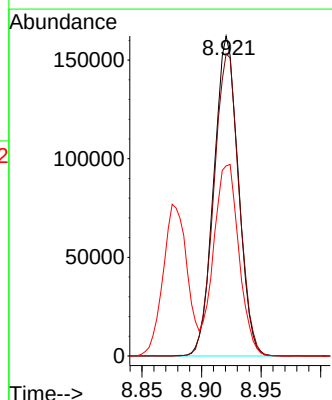
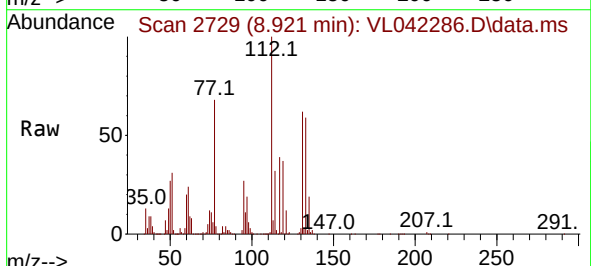
Tgt Ion:131 Resp: 231041

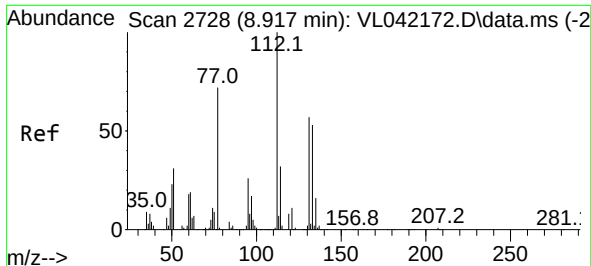
Ion Ratio Lower Upper

131 100

133 97.4 76.6 114.8

119 63.2 49.8 74.6





#57

Chlorobenzene

Concen: 12.021 ppbv

RT: 8.917 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

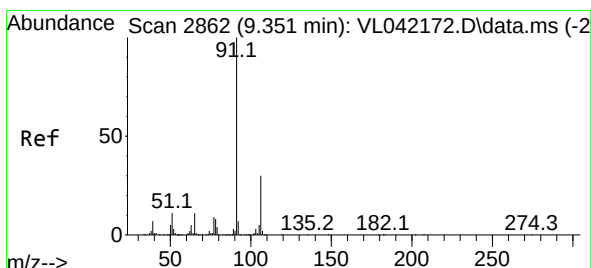
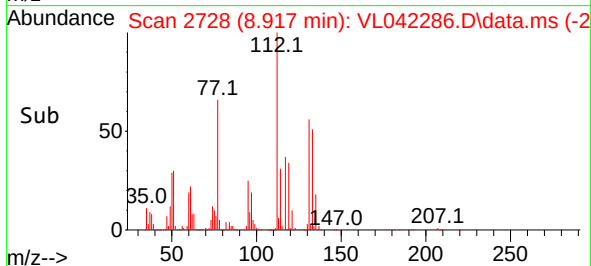
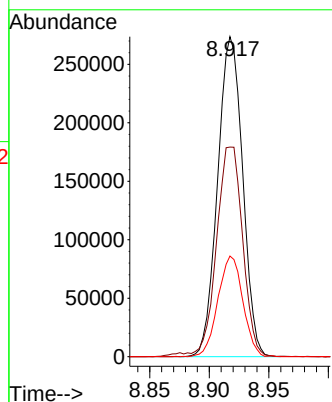
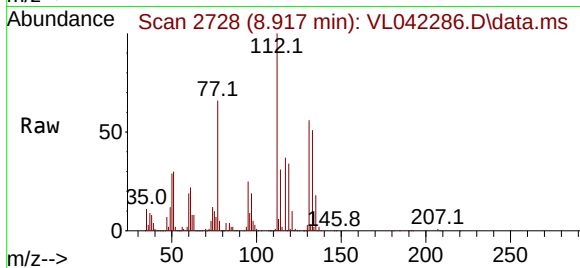
Tgt Ion:112 Resp: 399227

Ion Ratio Lower Upper

112 100

77 65.3 58.2 87.2

114 31.4 29.1 35.5



#58

Ethyl Benzene

Concen: 10.834 ppbv

RT: 9.351 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VL042286.D

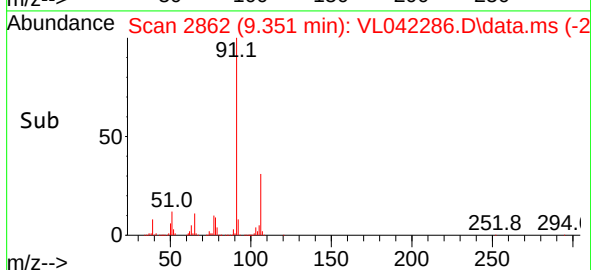
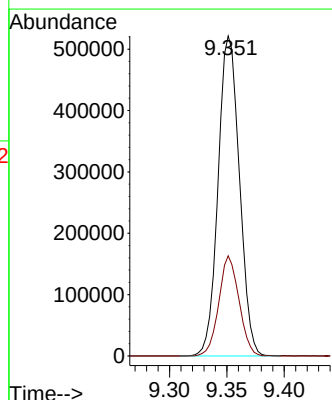
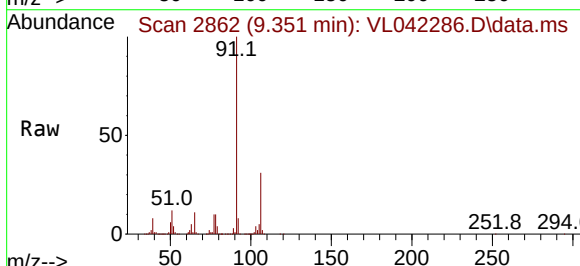
Acq: 09 Apr 2025 10:20

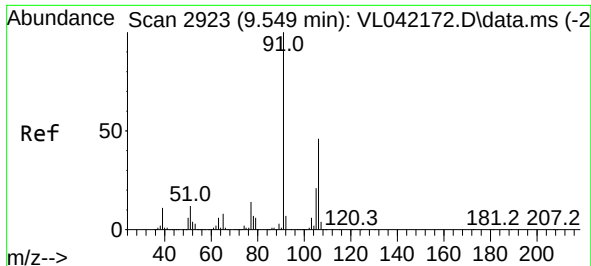
Tgt Ion: 91 Resp: 673801

Ion Ratio Lower Upper

91 100

106 31.3 24.2 36.2





#59

m/p-Xylene

Concen: 10.667 ppbv

RT: 9.549 min Scan# 2923

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

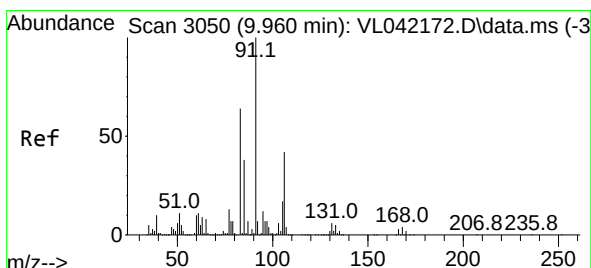
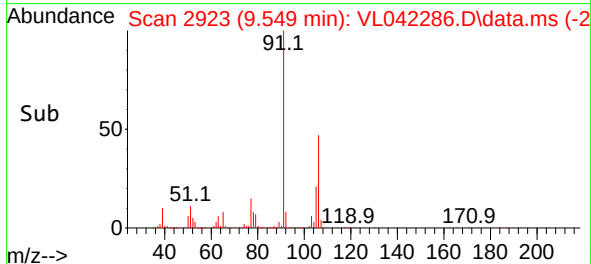
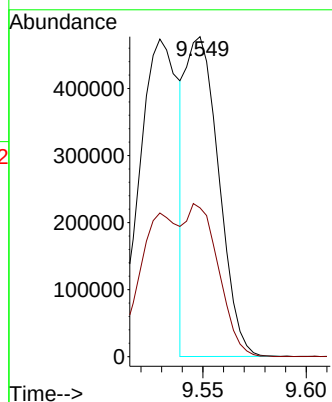
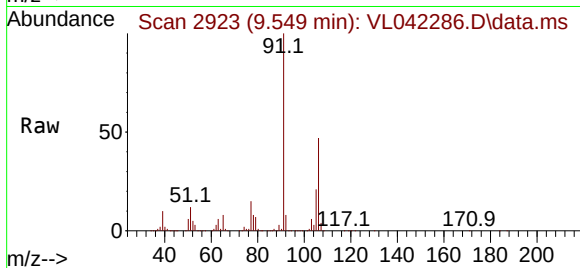
VSTDCCC010

Tgt Ion: 91 Resp: 529747

Ion Ratio Lower Upper

91 100

106 101.9 36.4 54.6#



#60

o-Xylene

Concen: 11.671 ppbv

RT: 9.960 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL042286.D

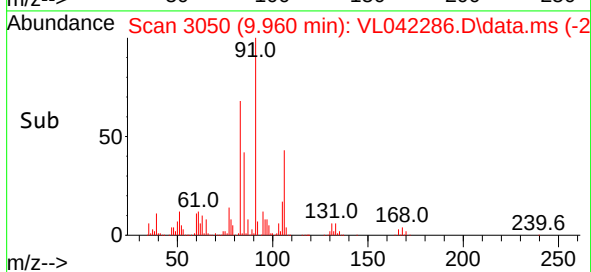
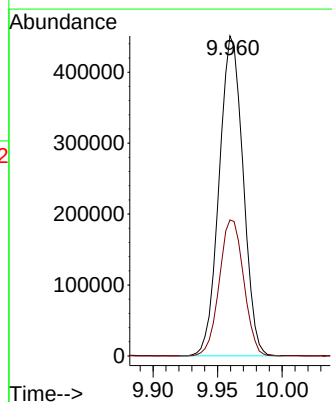
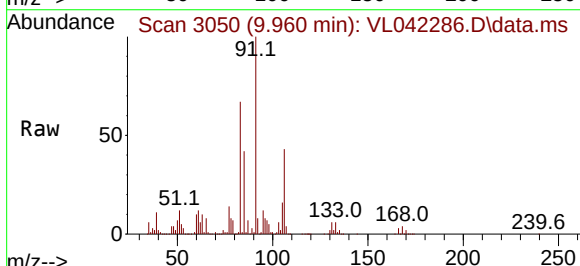
Acq: 09 Apr 2025 10:20

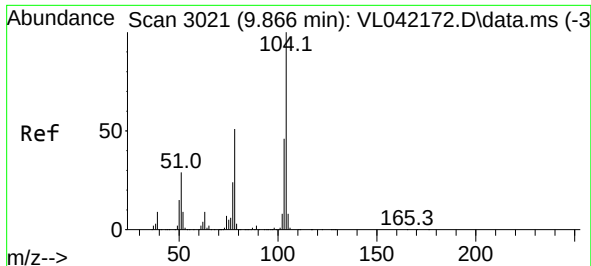
Tgt Ion: 91 Resp: 581045

Ion Ratio Lower Upper

91 100

106 43.4 20.8 62.5





#61

Styrene

Concen: 10.212 ppbv

RT: 9.869 min Scan# 3021

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

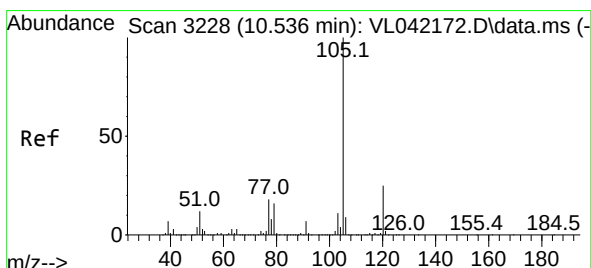
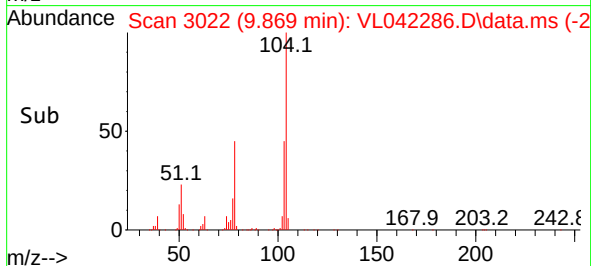
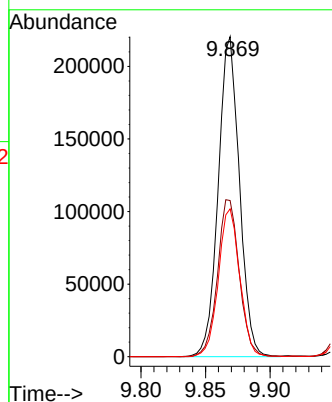
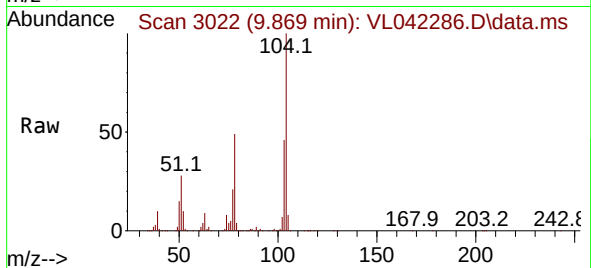
Tgt Ion:104 Resp: 251525

Ion Ratio Lower Upper

104 100

78 50.4 41.8 62.6

103 46.7 37.0 55.4



#62

Isopropylbenzene

Concen: 11.538 ppbv

RT: 10.536 min Scan# 3228

Delta R.T. 0.000 min

Lab File: VL042286.D

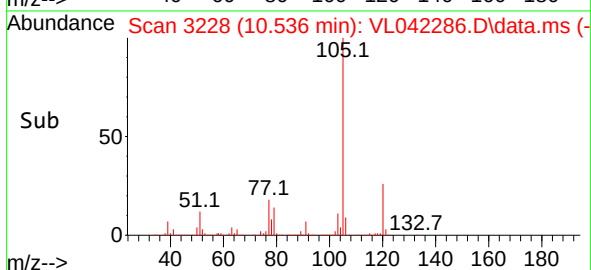
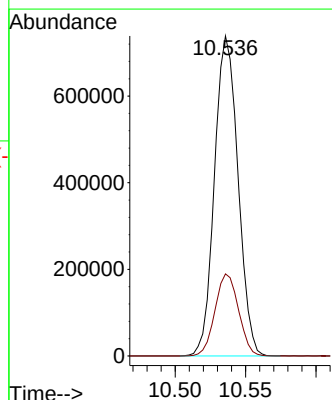
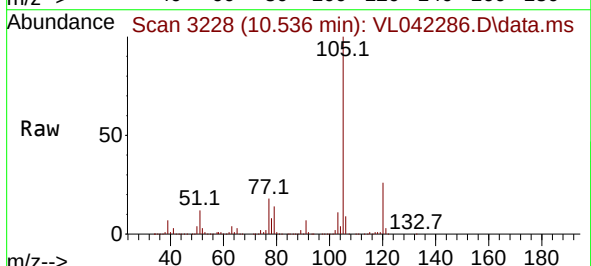
Acq: 09 Apr 2025 10:20

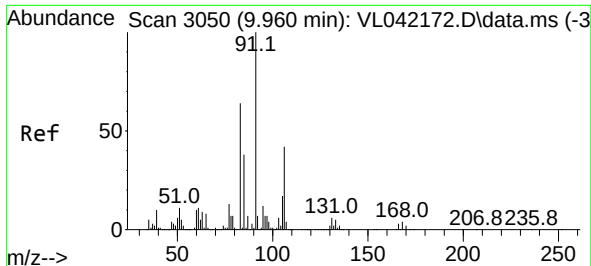
Tgt Ion:105 Resp: 859013

Ion Ratio Lower Upper

105 100

120 25.6 19.9 29.9





#63

1,1,2,2-Tetrachloroethane

Concen: 12.623 ppbv

RT: 9.960 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

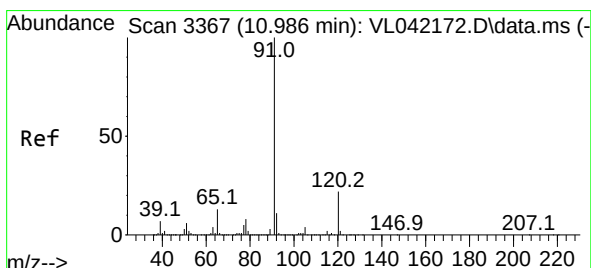
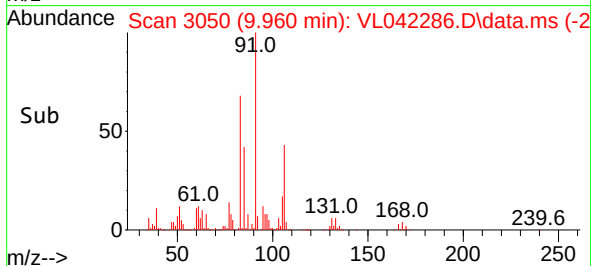
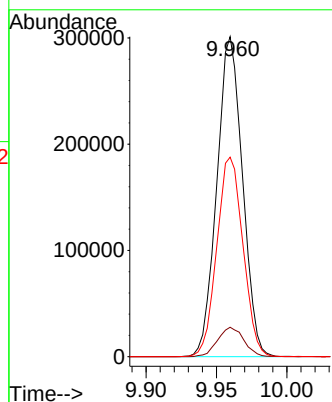
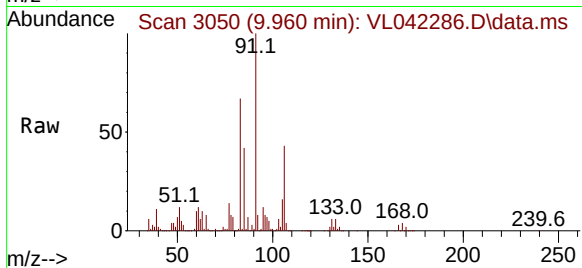
Tgt Ion: 83 Resp: 381841

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 63.7 32.5 97.5



#64

n-propylbenzene

Concen: 11.925 ppbv

RT: 10.986 min Scan# 3367

Delta R.T. 0.000 min

Lab File: VL042286.D

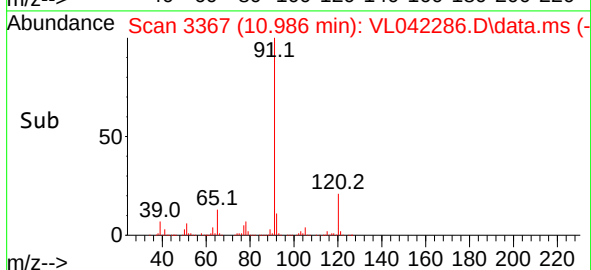
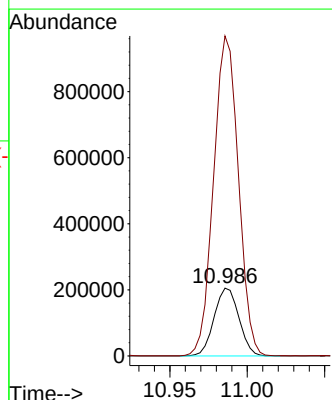
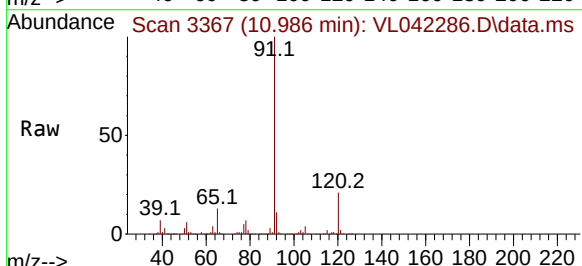
Acq: 09 Apr 2025 10:20

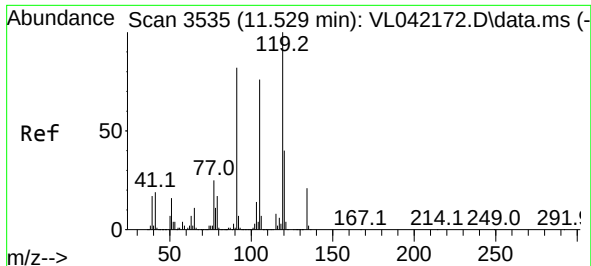
Tgt Ion: 120 Resp: 228532

Ion Ratio Lower Upper

120 100

91 472.2 376.9 565.3

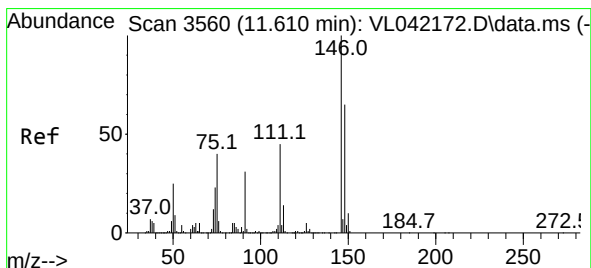
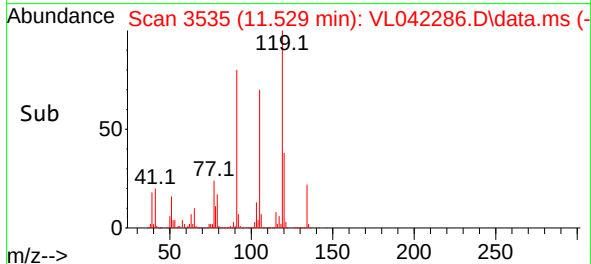
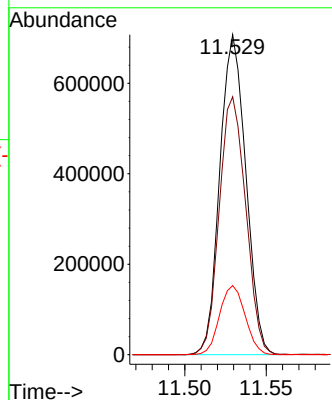
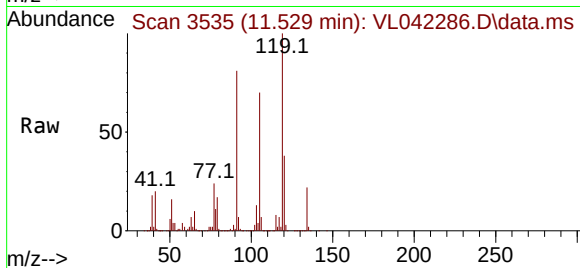




#65
tert-Butylbenzene
Concen: 11.393 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

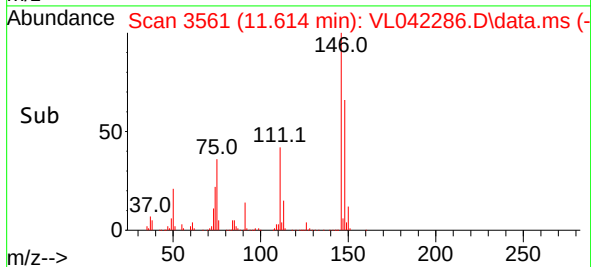
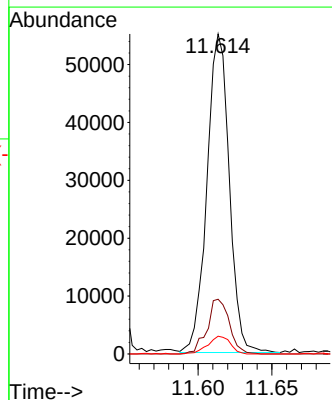
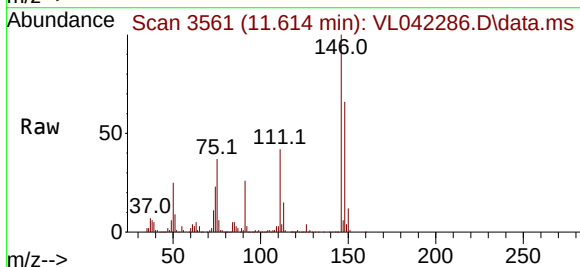
Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

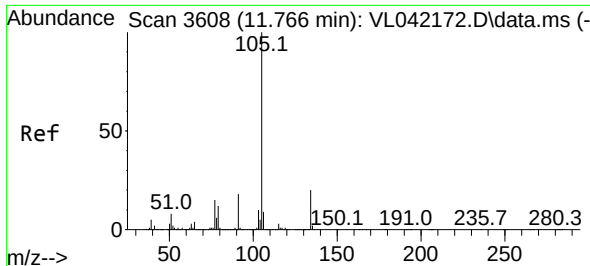
Tgt Ion:119 Resp: 784483
Ion Ratio Lower Upper
119 100
91 82.1 66.0 99.0
134 21.2 16.7 25.1



#66
Benzyl Chloride
Concen: 7.934 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 91 Resp: 57966
Ion Ratio Lower Upper
91 100
126 17.0 13.8 20.6
128 5.7 4.5 6.7

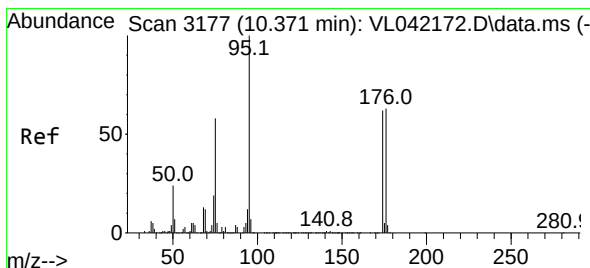
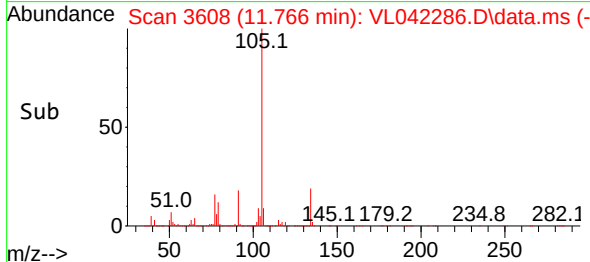
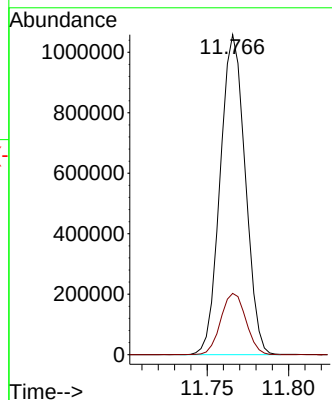
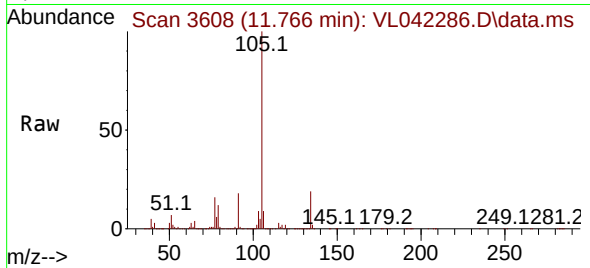




#67
 sec-Butylbenzene
 Concen: 11.787 ppbv
 RT: 11.766 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

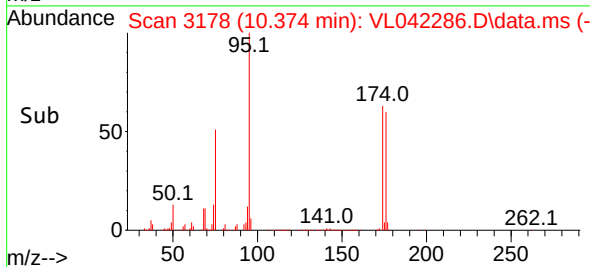
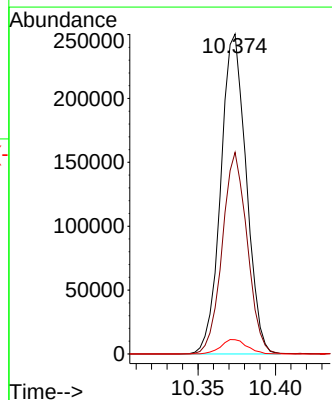
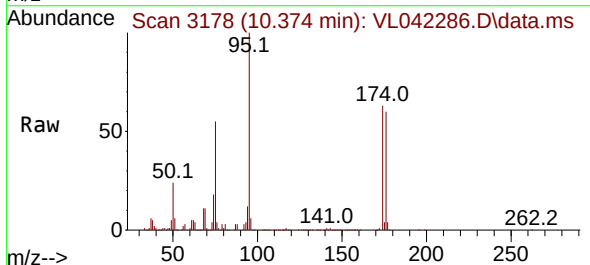
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010

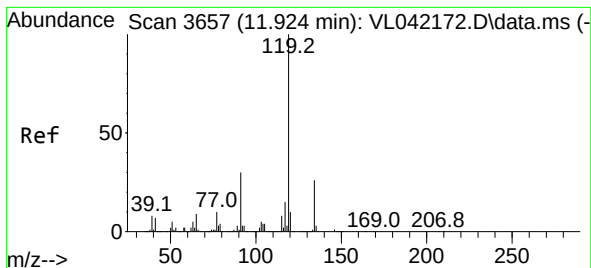
Tgt Ion:105 Resp: 1128106
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.930 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.003 min
 Lab File: VL042286.D
 Acq: 09 Apr 2025 10:20

Tgt Ion: 95 Resp: 285515
 Ion Ratio Lower Upper
 95 100
 174 61.9 50.6 76.0
 175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 11.669 ppbv

RT: 11.924 min Scan# 3657

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

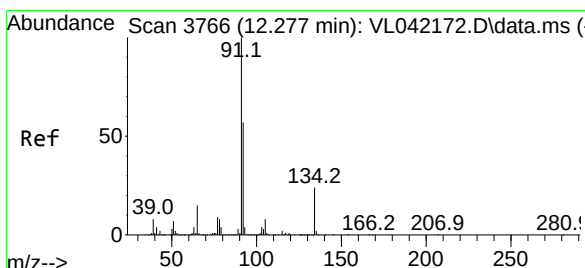
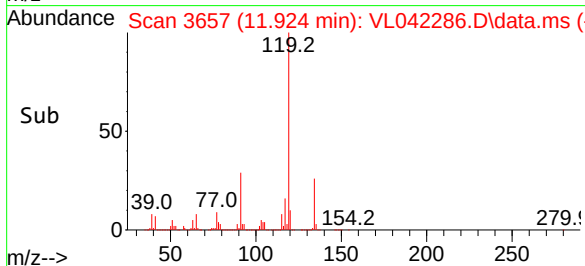
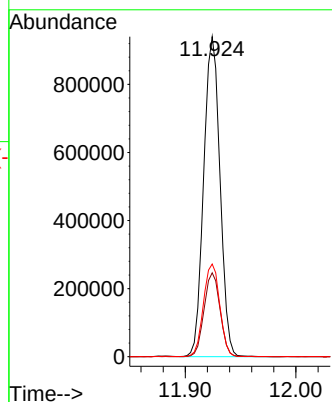
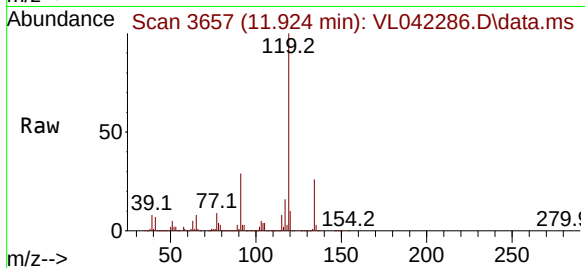
Tgt Ion:119 Resp: 961623

Ion Ratio Lower Upper

119 100

134 25.8 20.4 30.6

91 29.2 23.7 35.5



#70

n-Butylbenzene

Concen: 11.847 ppbv

RT: 12.280 min Scan# 3767

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

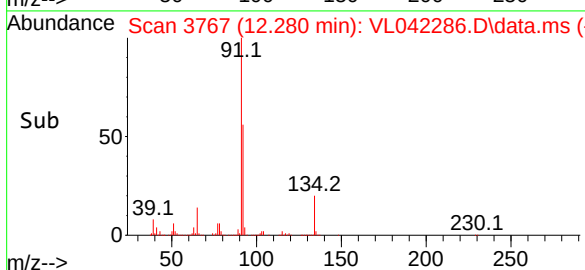
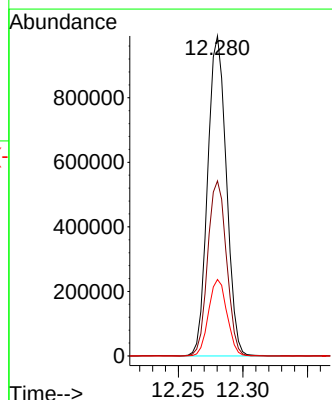
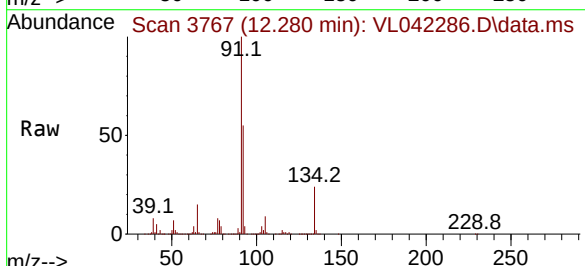
Tgt Ion: 91 Resp: 998455

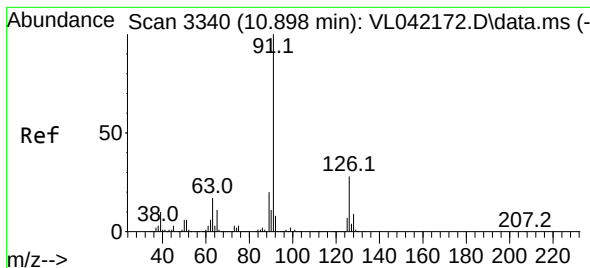
Ion Ratio Lower Upper

91 100

92 55.0 44.9 67.3

134 23.6 19.2 28.8

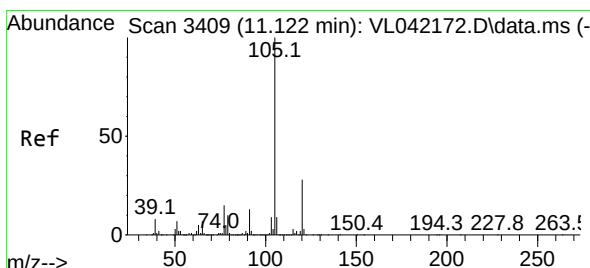
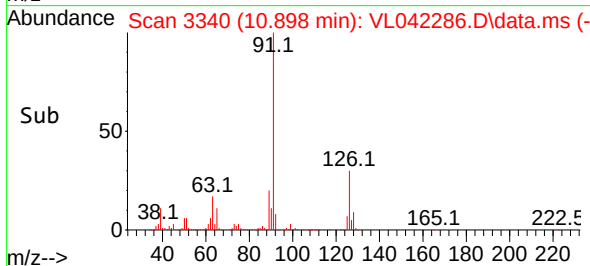
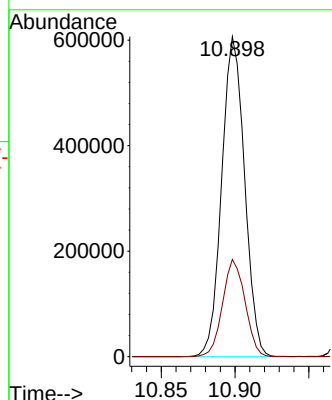
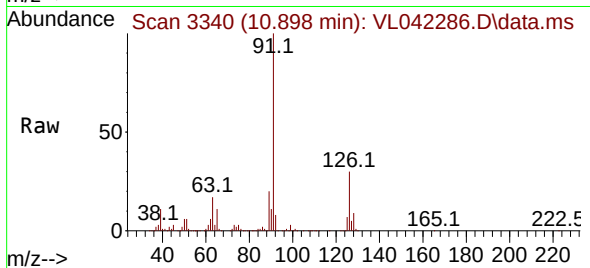




#71
2-Chlorotoluene
Concen: 11.323 ppbv
RT: 10.898 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

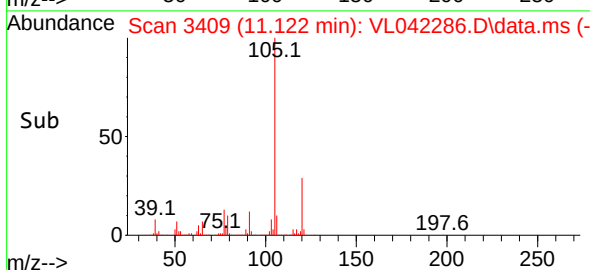
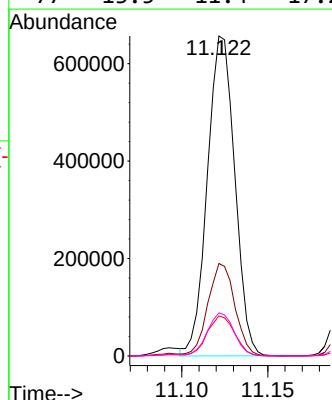
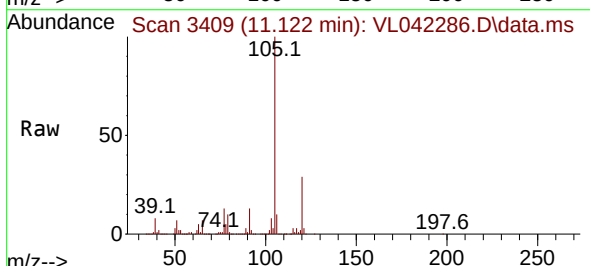
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

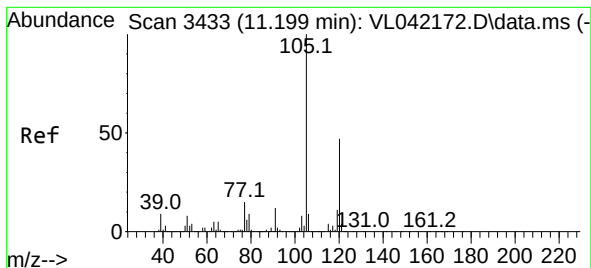
Tgt Ion: 91 Resp: 654276
Ion Ratio Lower Upper
91 100
126 29.8 11.6 46.4



#72
4-Ethyltoluene
Concen: 11.753 ppbv
RT: 11.122 min Scan# 3409
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion: 105 Resp: 728517
Ion Ratio Lower Upper
105 100
120 29.1 23.4 35.0
91 12.8 10.3 15.5
77 13.5 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 11.460 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_1

ClientSampleId :

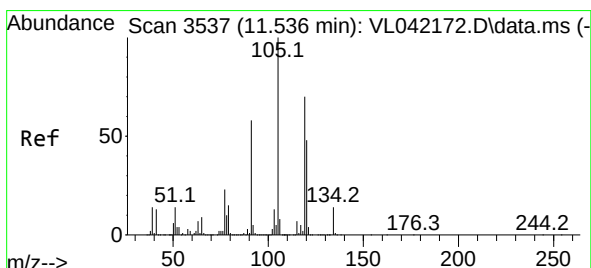
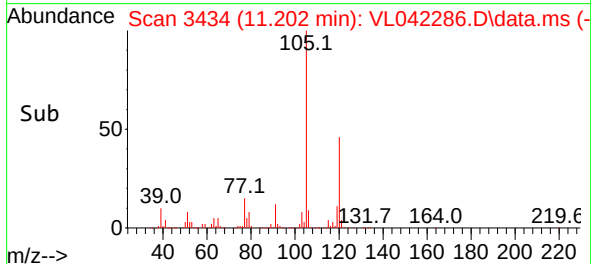
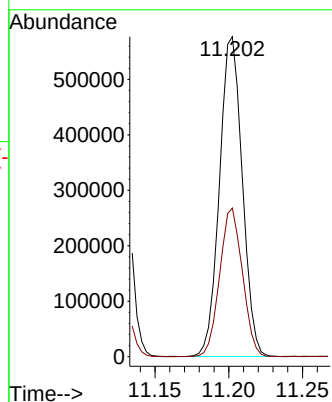
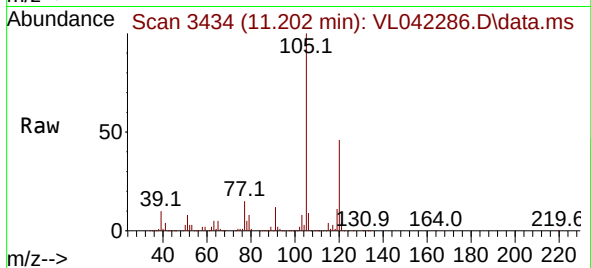
VSTDCCC010

Tgt Ion:105 Resp: 620415

Ion Ratio Lower Upper

105 100

120 46.4 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 11.371 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Tgt Ion:105 Resp: 709204

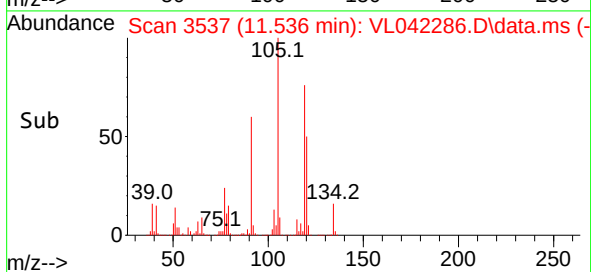
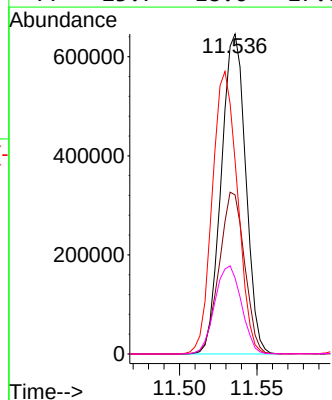
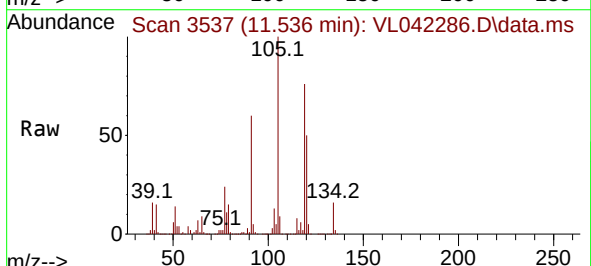
Ion Ratio Lower Upper

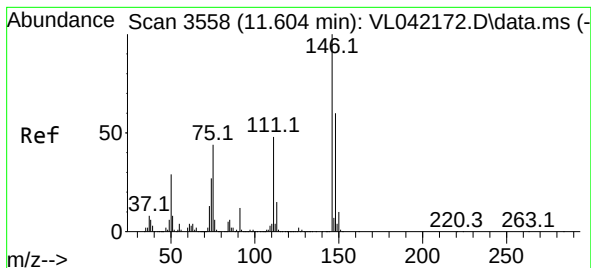
105 100

120 49.7 38.6 58.0

91 60.3 46.2 69.2

77 23.7 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 12.462 ppbv

RT: 11.607 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

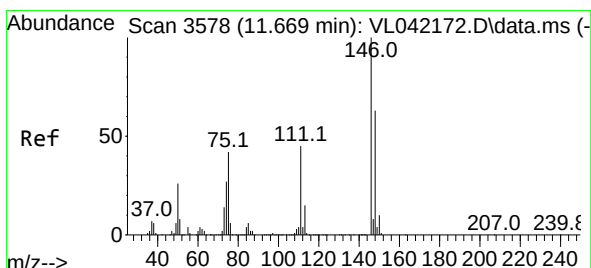
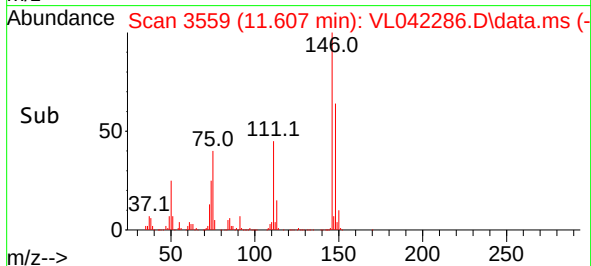
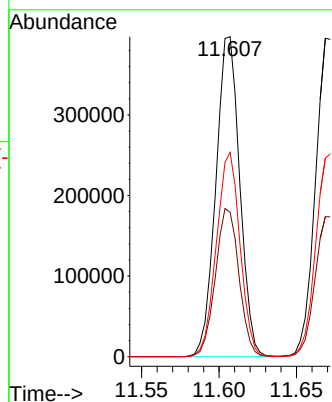
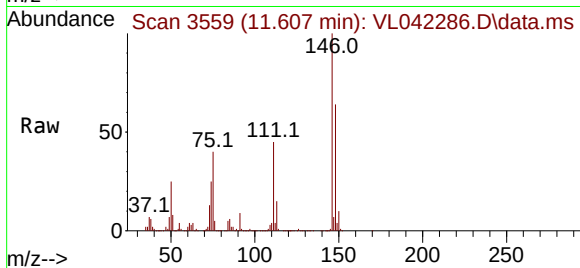
Tgt Ion:146 Resp: 426300

Ion Ratio Lower Upper

146 100

111 45.6 23.8 71.2

148 63.0 31.9 95.9



#76

1,4-Dichlorobenzene

Concen: 12.442 ppbv

RT: 11.669 min Scan# 3578

Delta R.T. 0.000 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

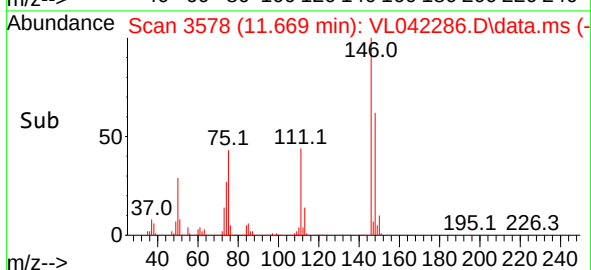
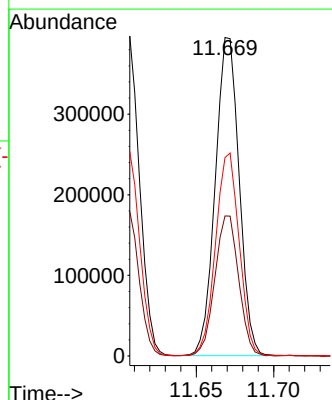
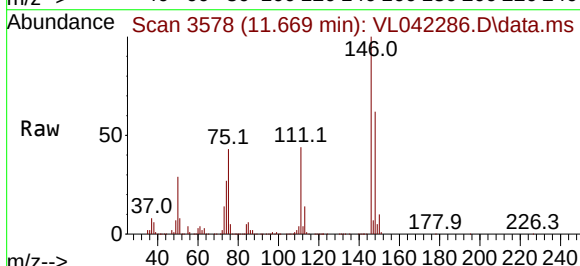
Tgt Ion:146 Resp: 423561

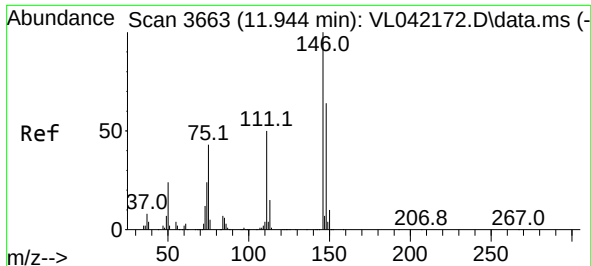
Ion Ratio Lower Upper

146 100

111 44.2 23.0 69.0

148 63.4 31.9 95.7

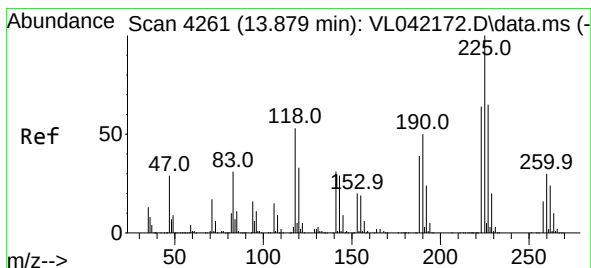
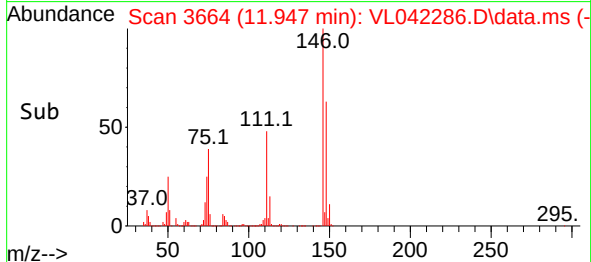
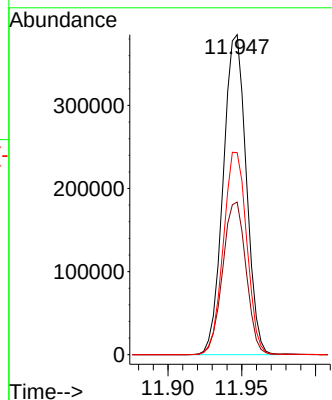
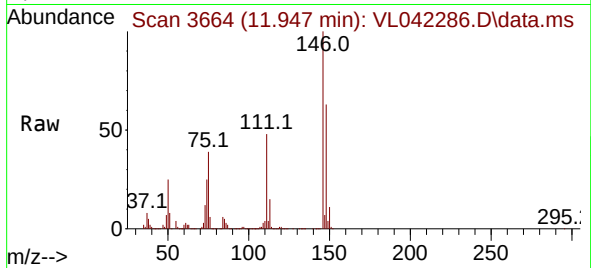




#77
1,2-Dichlorobenzene
Concen: 12.589 ppbv
RT: 11.947 min Scan# 3664
Delta R.T. 0.003 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

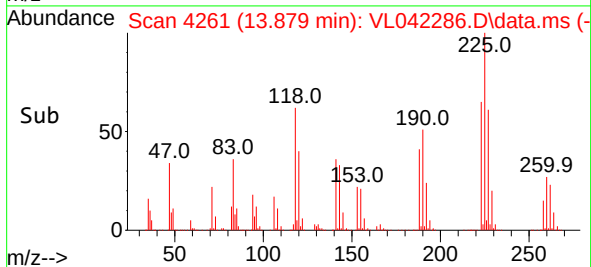
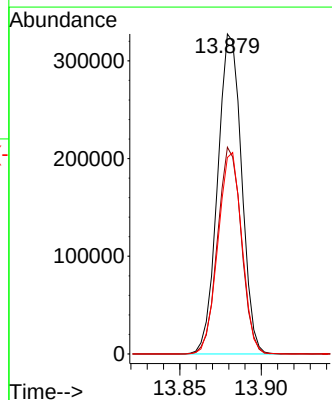
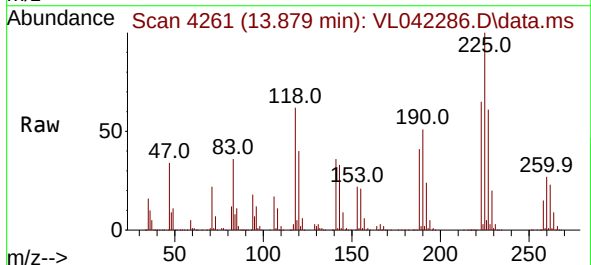
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

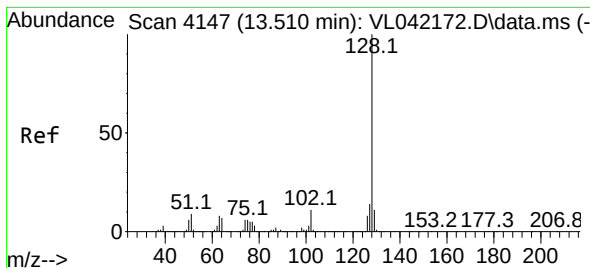
Tgt Ion:146 Resp: 419286
Ion Ratio Lower Upper
146 100
111 48.5 24.8 74.3
148 64.3 31.6 94.8



#78
Hexachloro-1,3-Butadiene
Concen: 9.864 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.000 min
Lab File: VL042286.D
Acq: 09 Apr 2025 10:20

Tgt Ion:225 Resp: 334414
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 62.8 51.2 76.8





#79

Naphthalene

Concen: 11.851 ppbv

RT: 13.513 min Scan# 4147

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

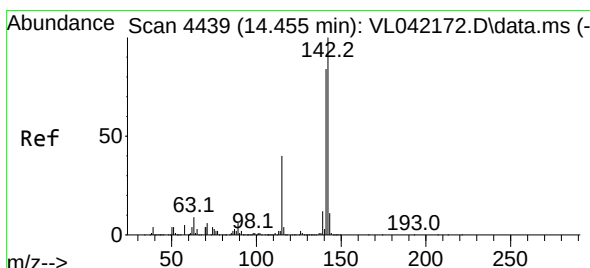
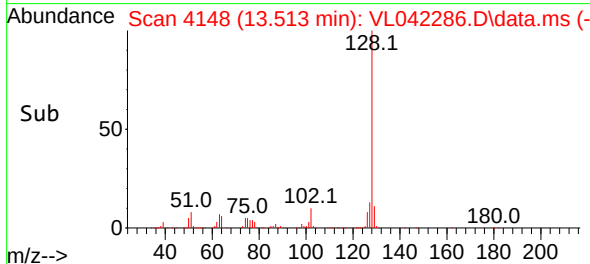
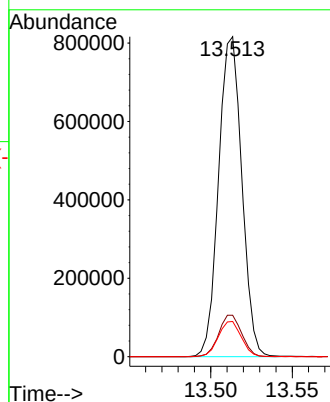
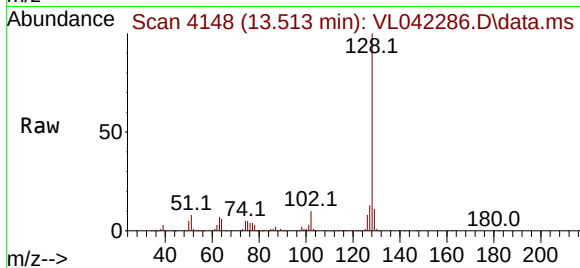
Tgt Ion:128 Resp: 808459

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 11.158 ppbv

RT: 14.459 min Scan# 4440

Delta R.T. 0.003 min

Lab File: VL042286.D

Acq: 09 Apr 2025 10:20

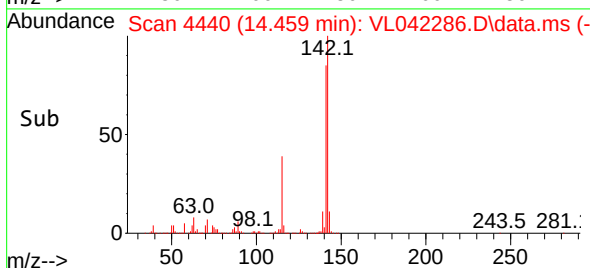
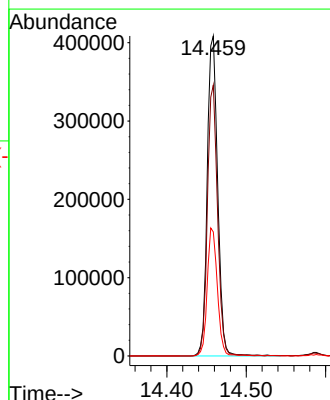
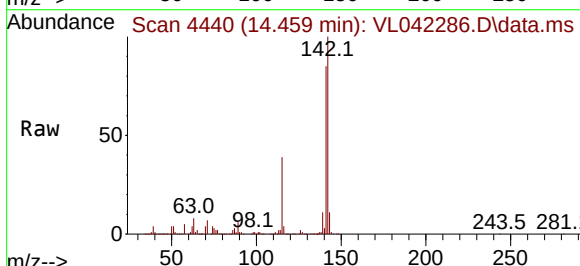
Tgt Ion:142 Resp: 373298

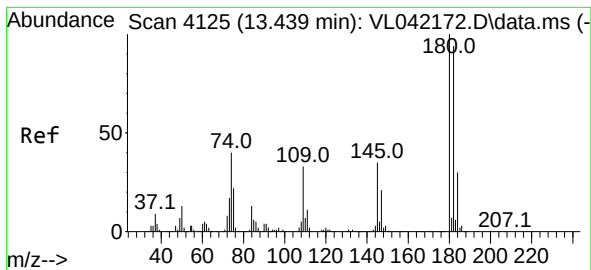
Ion Ratio Lower Upper

142 100

141 82.9 66.3 99.5

115 39.2 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 11.305 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042286.D

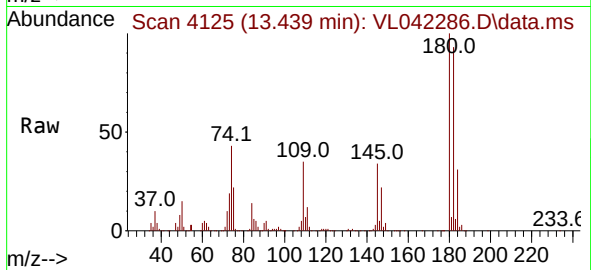
Acq: 09 Apr 2025 10:20

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 355741

Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 30.3 24.4 36.6

