

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042179.D
 Acq On : 27 Mar 2025 12:23
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL032725

Quant Time: Mar 28 02:05:15 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	174350	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	498105	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	473357	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	379929	9.774	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	245714	9.545	ppbv	100
3) Chlorodifluoromethane	1.473	51	247046	9.394	ppbv	97
4) Chloromethane	1.531	50	98527	9.365	ppbv	98
5) Vinyl Chloride	1.577	62	95578	8.573	ppbv	97
6) Bromomethane	1.667	94	41950	8.799	ppbv	97
7) Chloroethane	1.703	64	37400	8.856	ppbv	94
8) Dichlorotetrafluoroethane	1.551	85	213819	9.753	ppbv	95
9) Propene	1.483	41	105338	8.739	ppbv	99
10) Heptane	4.972	43	298768	9.318	ppbv	100
11) Trichlorofluoromethane	1.874	101	236793	9.453	ppbv	97
12) 1,1,2-Trichlorotrifluo...	2.136	101	193965	9.421	ppbv	98
13) Ethanol	1.719	45	5773	5.066	ppbv	97
14) Bromoethene	1.780	108	73572	9.328	ppbv	97
15) Acetone	1.832	43	198300	8.132	ppbv	98
16) 1,3-Butadiene	1.606	39	97840	8.216	ppbv	99
17) tert-Butyl alcohol	2.039	59	276195	9.094	ppbv	99
18) 1,1-Dichloroethene	2.033	96	87137	9.053	ppbv	89
19) Isopropyl Alcohol	1.884	45	122768	8.923	ppbv	98
20) Methylene Chloride	2.059	84	72813	8.018	ppbv	97
21) Allyl Chloride	2.094	41	157418	9.154	ppbv	99
22) trans-1,2-Dichloroethene	2.337	96	101141	9.092	ppbv	93
23) Vinyl Acetate	2.460	43	90260	8.553	ppbv #	97
24) 1,1-Dichloroethane	2.405	63	197968	9.600	ppbv	99
25) Ethyl Acetate	2.832	43	592585	9.364	ppbv	99
26) Hexane	2.823	57	231125	9.455	ppbv	99
27) Carbon Disulfide	2.146	76	248834	9.493	ppbv	97
28) Methyl tert-Butyl Ether	2.437	73	146470	9.624	ppbv	95
29) Chloroform	2.845	83	344106	9.619	ppbv	100
30) Cyclohexane	3.852	84	197897	9.323	ppbv	98
31) cis-1,2-Dichloroethene	2.719	61	234487	9.449	ppbv	96
32) 1,1,1-Trichloroethane	3.363	97	365364	8.921	ppbv	99
34) 2-Butanone	2.554	43	331236	9.171	ppbv	99
35) Carbon Tetrachloride	3.758	117	363392	9.339	ppbv	98
36) Benzene	3.651	78	461261	9.341	ppbv	99
37) 1,2-Dichloroethane	3.217	62	273559	9.676	ppbv	99
38) Trichloroethene	4.541	130	191746	9.306	ppbv	97
39) 1,2-Dichloropropane	4.311	63	170839	9.500	ppbv	95
40) 1,4-Dioxane	4.577	88	80592	8.443	ppbv #	97
41) Tetrahydrofuran	3.052	42	196163	9.431	ppbv	99
42) Bromodichloromethane	4.486	83	384006	9.853	ppbv	100
43) Methyl Methacrylate	4.878	69	195339	9.344	ppbv	99
44) 2,2,4-Trimethylpentane	4.635	57	787400	9.436	ppbv	99
45) t-1,3-Dichloropropene	6.409	75	212335	9.467	ppbv	99

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 ALS Vial : 6 Sample Multiplier: 1

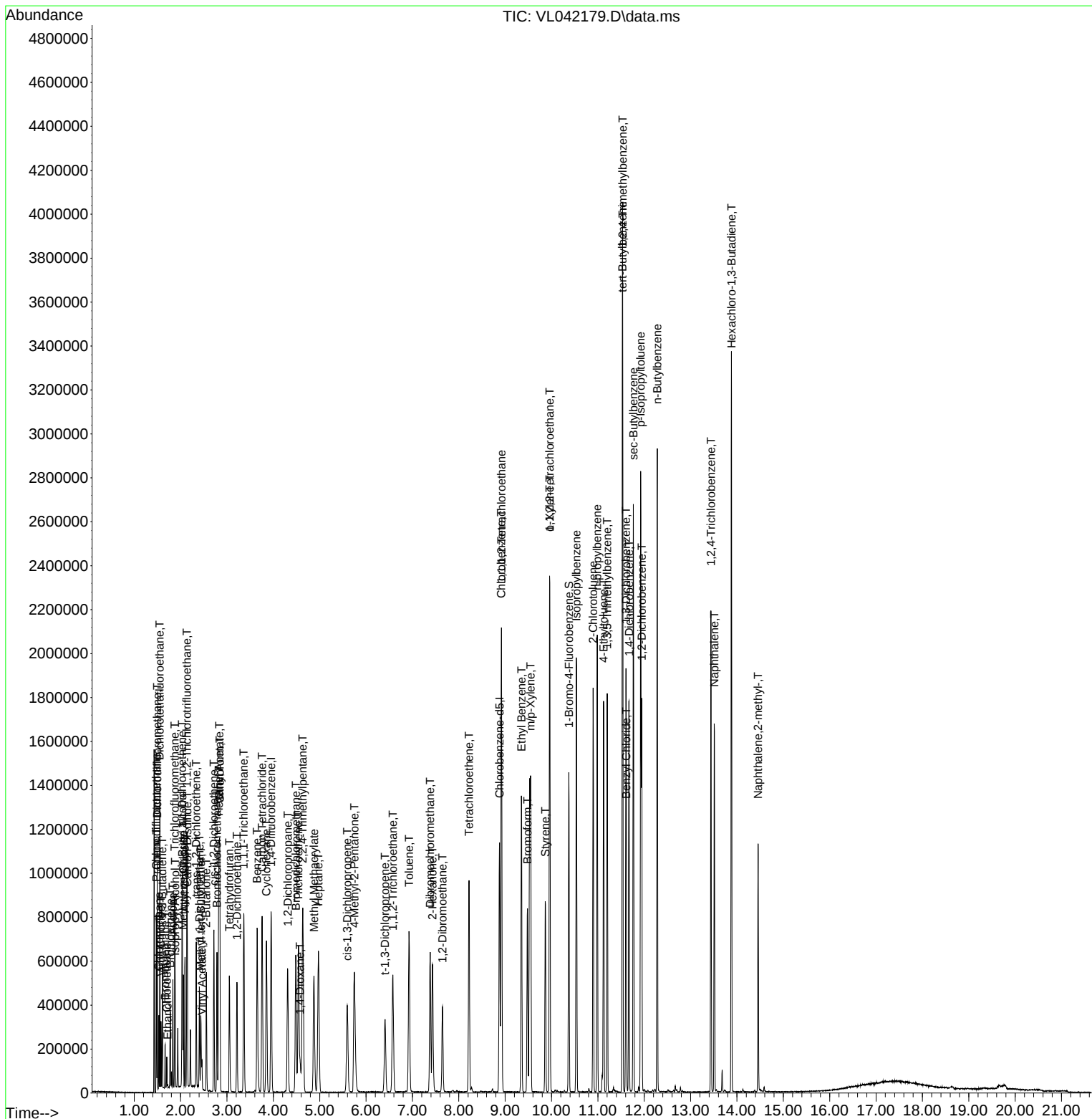
Instrument :
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 ClientSampleId :
 ICVVL032725

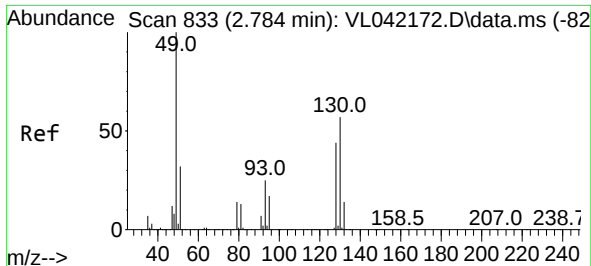
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.593	75	265101	9.643	ppbv	98
47) 1,1,2-Trichloroethane	6.577	97	183228	9.638	ppbv	98
48) Dibromochloromethane	7.383	129	322766	10.018	ppbv	100
49) Bromoform	9.480	173	285149	9.858	ppbv	99
50) 4-Methyl-2-Pentanone	5.749	43	500791	8.749	ppbv	99
51) 2-Hexanone	7.432	43	410889	8.741	ppbv #	99
52) Tetrachloroethene	8.221	164	173420	8.855	ppbv	93
53) Toluene	6.927	91	556897	9.514	ppbv	99
54) 1,2-Dibromoethane	7.645	107	256930	9.695	ppbv	98
56) 1,1,1,2-Tetrachloroethane	8.920	131	249270	9.567	ppbv	99
57) Chlorobenzene	8.917	112	422531	9.411	ppbv	98
58) Ethyl Benzene	9.351	91	791360	9.412	ppbv	98
59) m/p-Xylene	9.548	91	583773	8.695	ppbv #	20
60) o-Xylene	9.959	91	632918	9.404	ppbv	99
61) Styrene	9.866	104	315910	9.488	ppbv	99
62) Isopropylbenzene	10.539	105	944938	9.388	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.959	83	382635	9.357	ppbv	99
64) n-propylbenzene	10.985	120	244547	9.439	ppbv	98
65) tert-Butylbenzene	11.529	119	843828	9.065	ppbv	98
66) Benzyl Chloride	11.613	91	86804	8.789	ppbv	97
67) sec-Butylbenzene	11.765	105	1172636	9.063	ppbv	100
69) p-Isopropyltoluene	11.924	119	1019694	9.153	ppbv	100
70) n-Butylbenzene	12.280	91	1038548	9.115	ppbv	100
71) 2-Chlorotoluene	10.898	91	732874	9.382	ppbv	100
72) 4-Ethyltoluene	11.125	105	785185	9.370	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	673541	9.203	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	729155	8.648	ppbv	94
75) 1,3-Dichlorobenzene	11.607	146	426573	9.224	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	426318	9.263	ppbv	100
77) 1,2-Dichlorobenzene	11.947	146	412180	9.154	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	356386	7.776	ppbv	100
79) Naphthalene	13.513	128	773311	8.385	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	323443	7.151	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	363863	8.553	ppbv	98

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

Quant Time: Mar 28 02:05:15 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

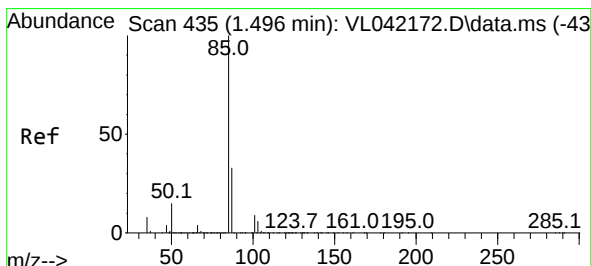
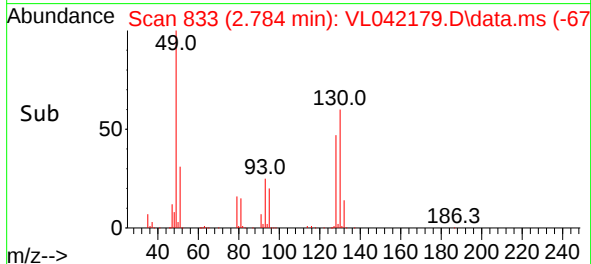
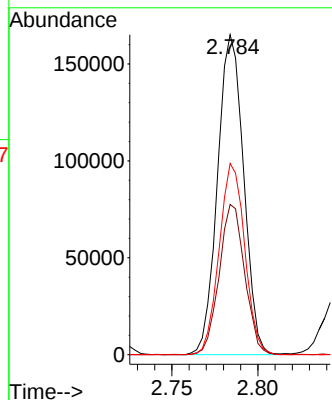
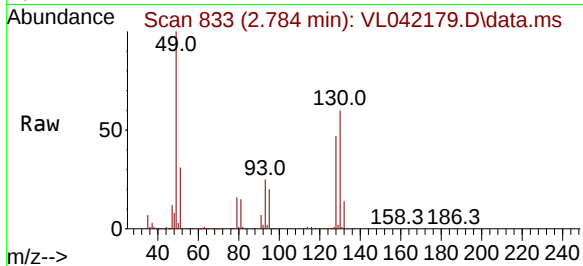




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
Lab File: VL042179.D
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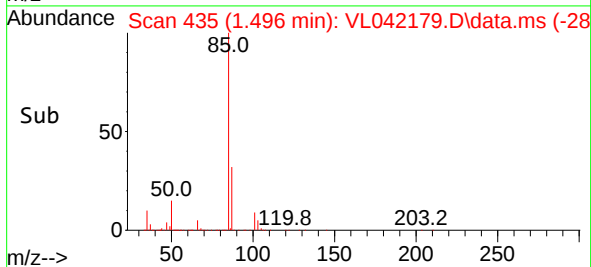
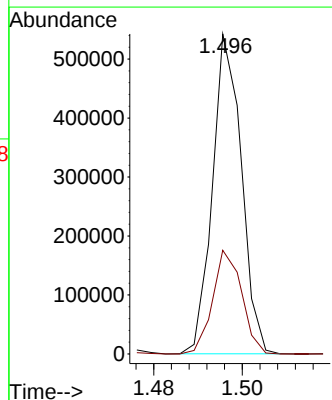
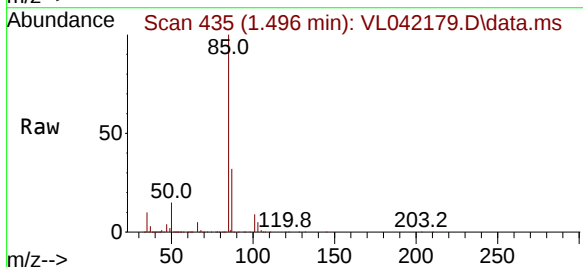
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

Tgt Ion: 49 Resp: 174350
Ion Ratio Lower Upper
49 100
128 45.8 22.9 68.5
130 58.4 28.8 86.4



#2
Dichlorodifluoromethane
Concen: 9.545 ppbv
RT: 1.496 min Scan# 435
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 85 Resp: 245714
Ion Ratio Lower Upper
85 100
87 32.4 26.1 39.1

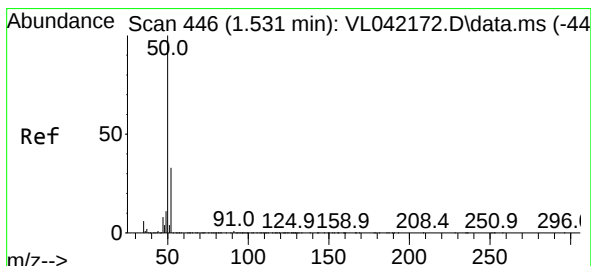
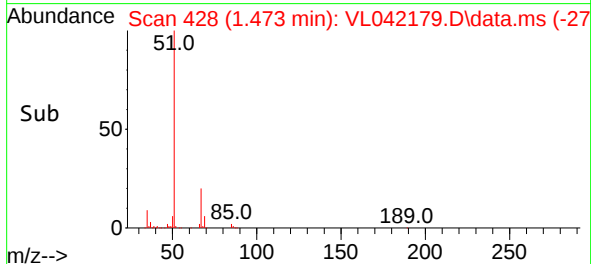
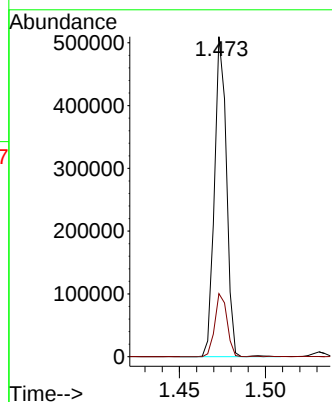
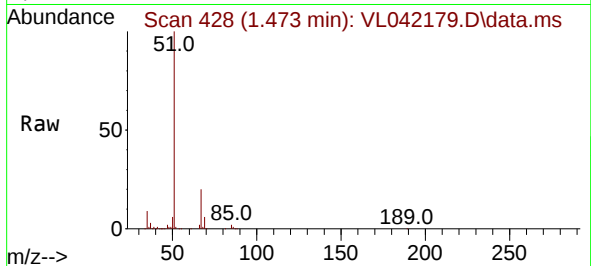




#3
Chlorodifluoromethane
Concen: 9.394 ppbv
RT: 1.473 min Scan# 428
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

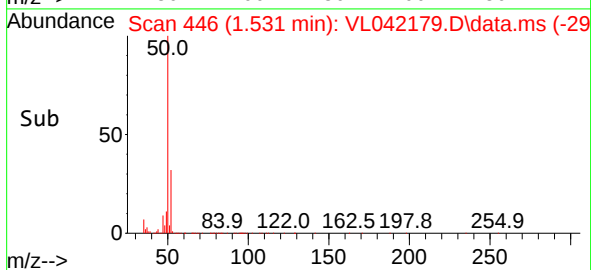
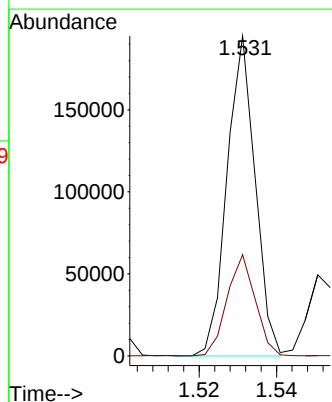
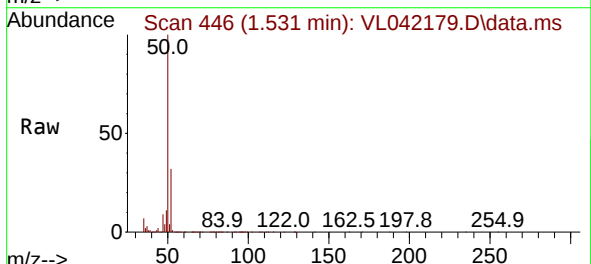
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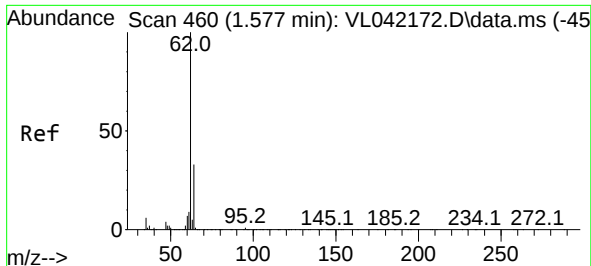
Tgt Ion: 51 Resp: 247046
Ion Ratio Lower Upper
51 100
67 20.1 15.0 22.6



#4
Chloromethane
Concen: 9.365 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 50 Resp: 98527
Ion Ratio Lower Upper
50 100
52 31.6 26.1 39.1

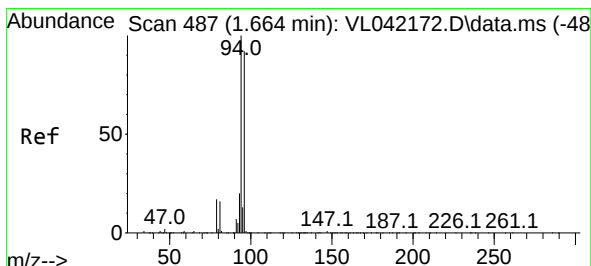
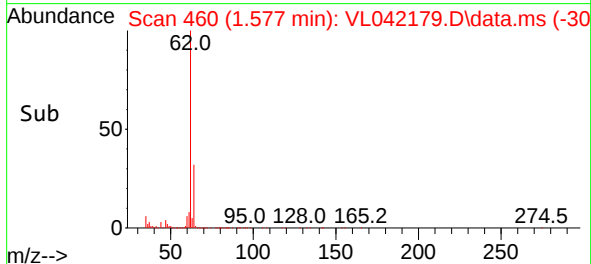
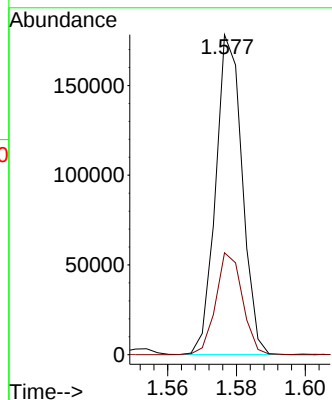
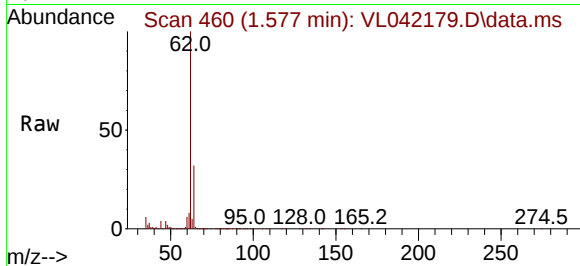




#5
 Vinyl Chloride
 Concen: 8.573 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

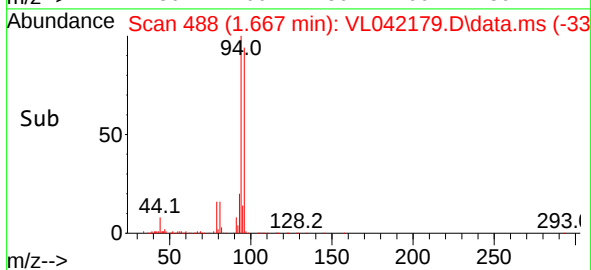
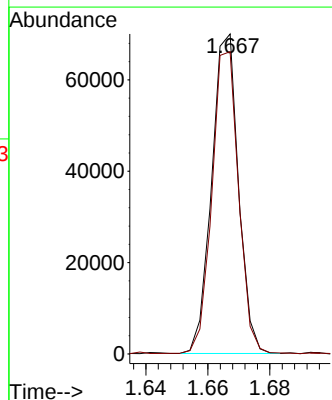
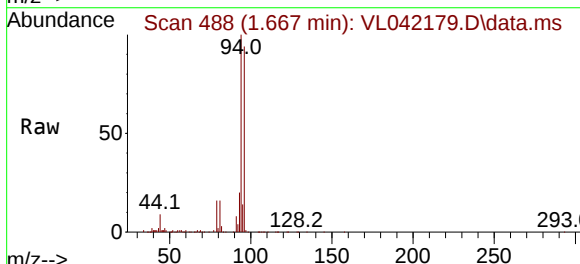
Instrument :
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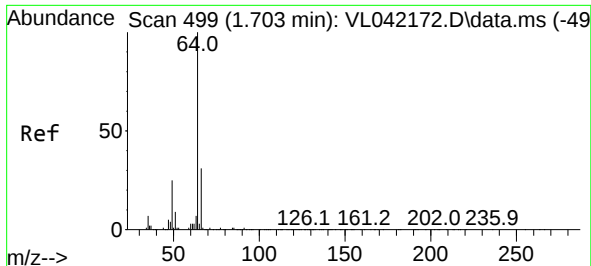
Tgt Ion: 62 Resp: 95578
 Ion Ratio Lower Upper
 62 100
 64 31.8 26.6 40.0



#6
 Bromomethane
 Concen: 8.799 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 94 Resp: 41950
 Ion Ratio Lower Upper
 94 100
 96 94.4 73.1 109.7

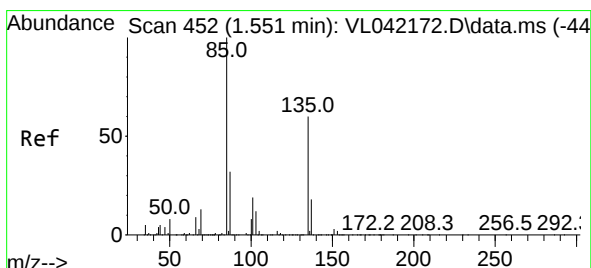
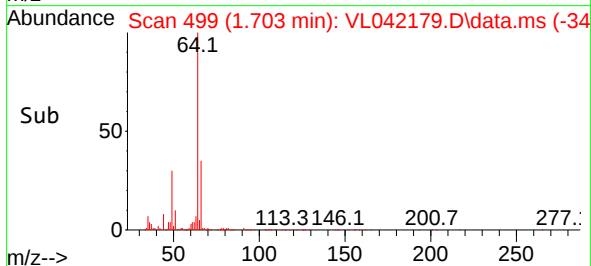
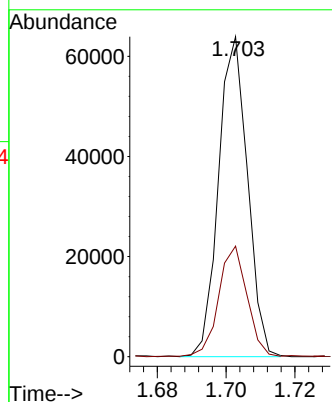
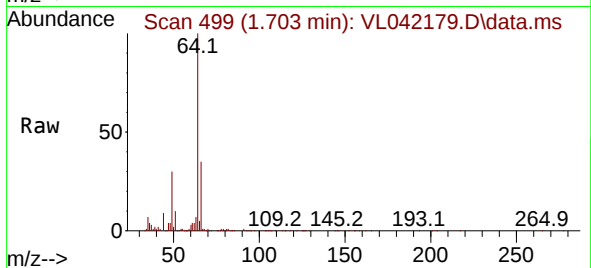




#7
Chloroethane
Concen: 8.856 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

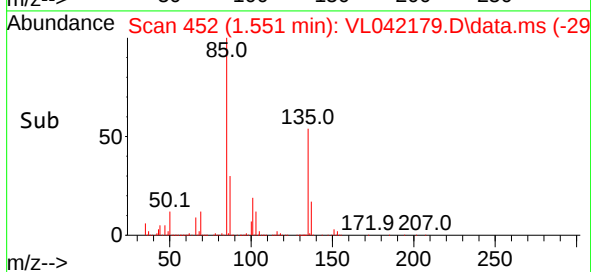
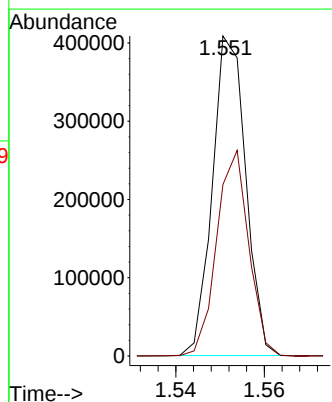
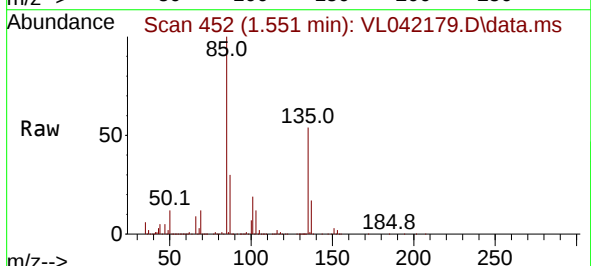
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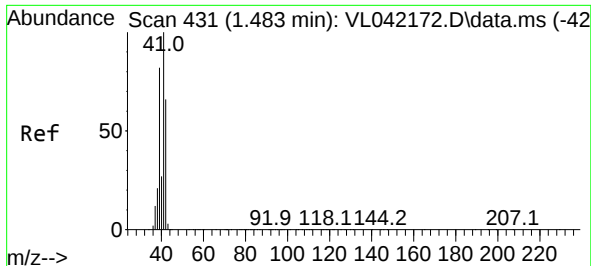
Tgt Ion: 64 Resp: 37400
Ion Ratio Lower Upper
64 100
66 34.5 25.2 37.8



#8
Dichlorotetrafluoroethane
Concen: 9.753 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 85 Resp: 213819
Ion Ratio Lower Upper
85 100
135 61.9 52.4 78.6





#9

Propene

Concen: 8.739 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

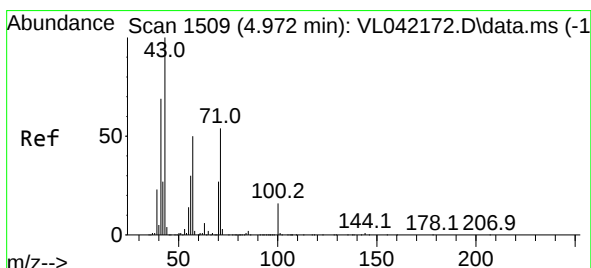
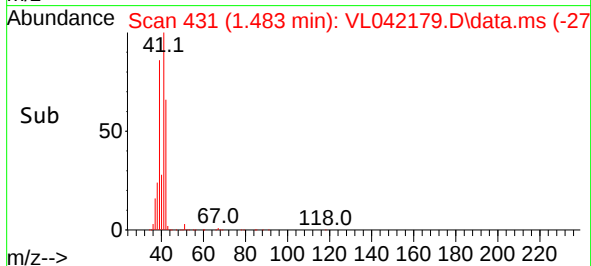
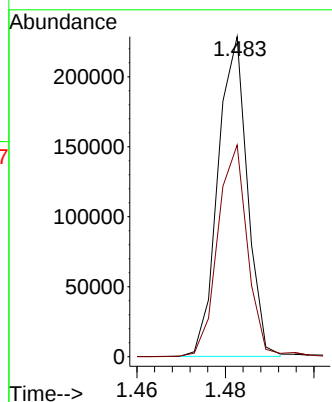
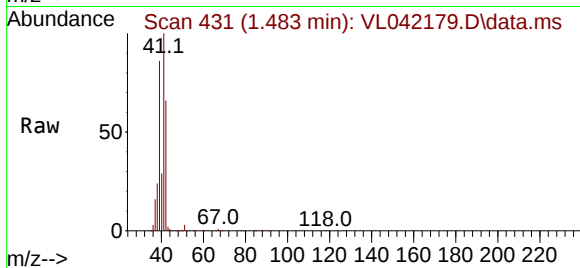
ICVVL032725

Tgt Ion: 41 Resp: 105338

Ion Ratio Lower Upper

41 100

42 68.1 55.4 83.2



#10

Heptane

Concen: 9.318 ppbv

RT: 4.972 min Scan# 1509

Delta R.T. -0.000 min

Lab File: VL042179.D

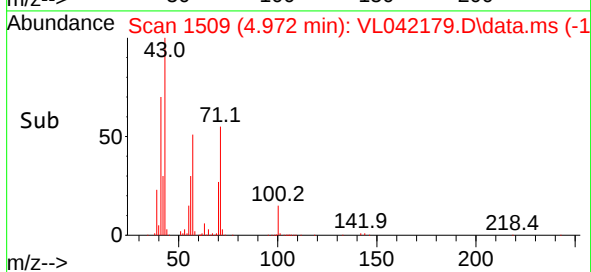
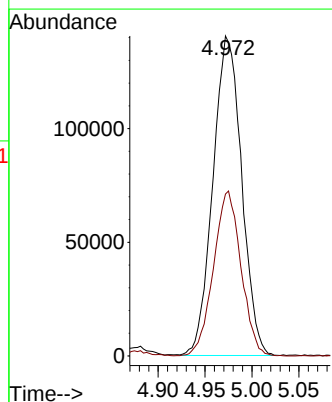
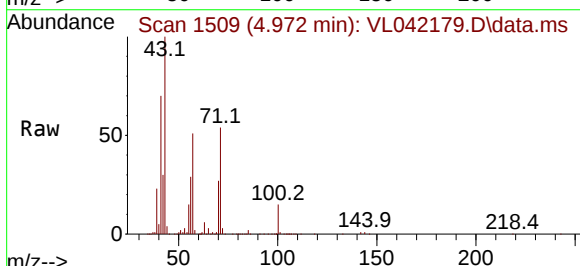
Acq: 27 Mar 2025 12:23

Tgt Ion: 43 Resp: 298768

Ion Ratio Lower Upper

43 100

57 49.5 39.4 59.2

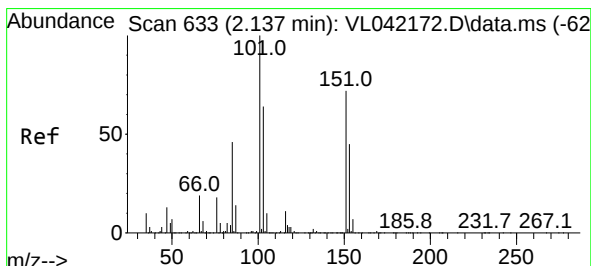
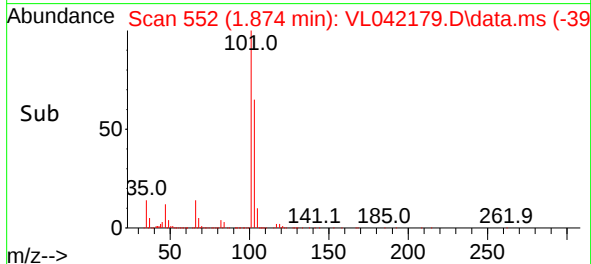
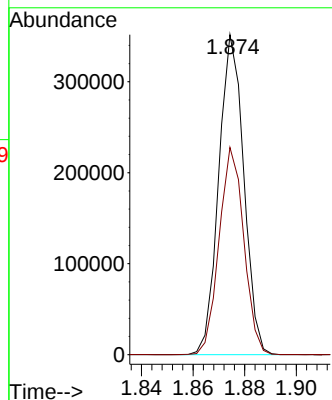
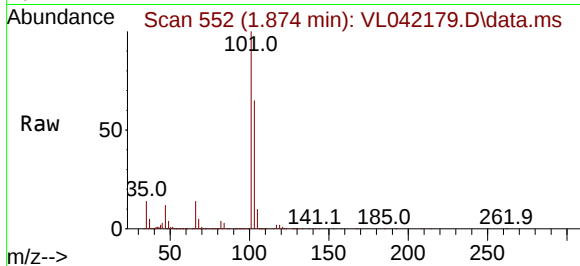




#11
 Trichlorofluoromethane
 Concen: 9.453 ppbv
 RT: 1.874 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

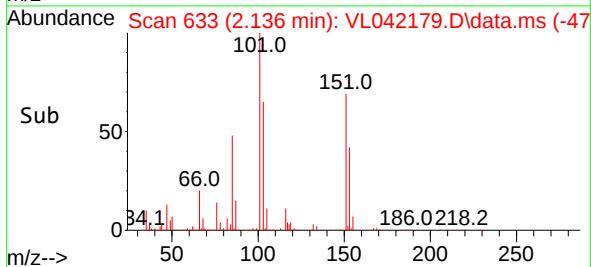
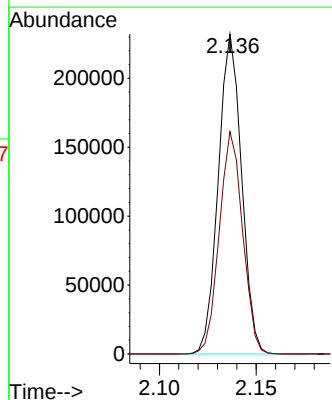
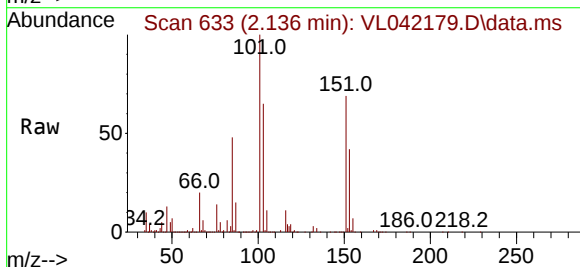
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

Tgt Ion:101 Resp: 236793
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.2 75.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.421 ppbv
 RT: 2.136 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion:101 Resp: 193965
 Ion Ratio Lower Upper
 101 100
 151 69.6 57.1 85.7

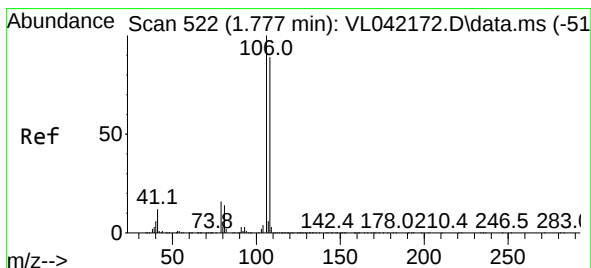
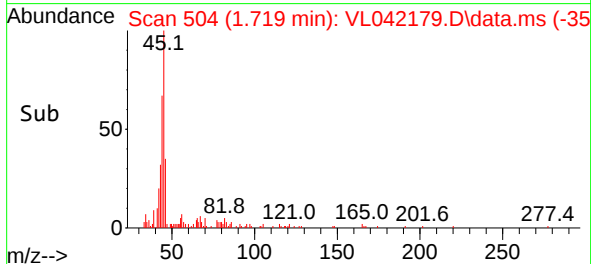
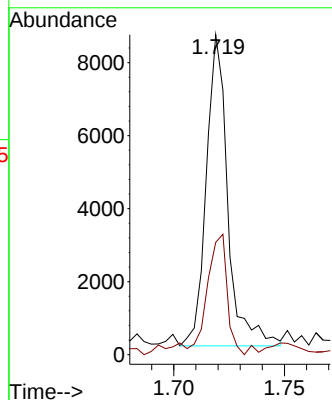
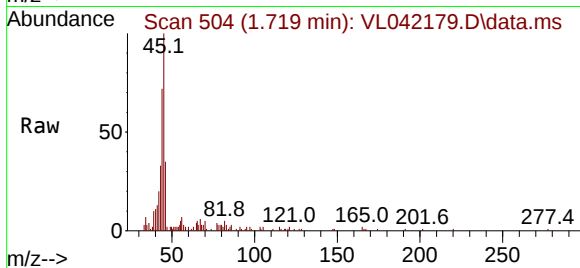




#13
Ethanol
Concen: 5.066 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

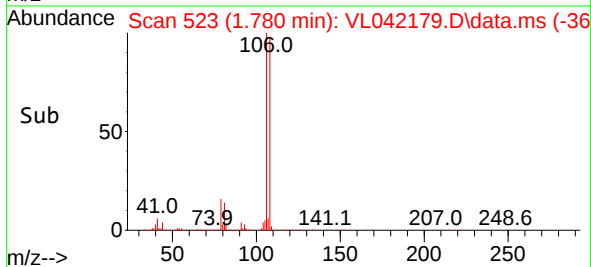
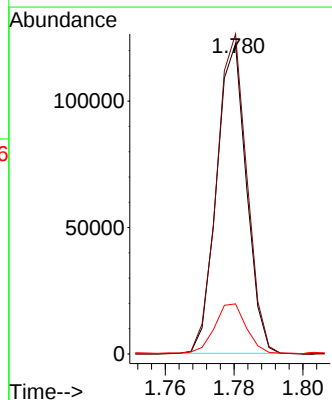
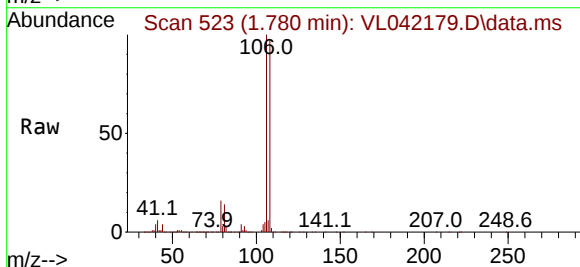
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

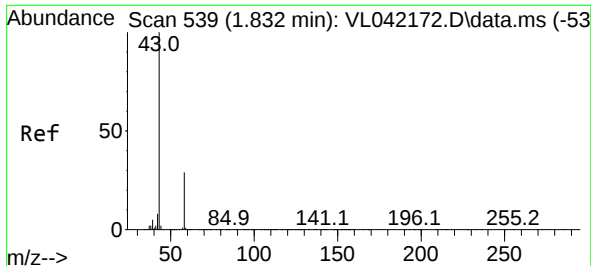
Tgt Ion: 45 Resp: 5773
Ion Ratio Lower Upper
45 100
46 48.5 20.2 80.8



#14
Bromoethene
Concen: 9.328 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 108 Resp: 73572
Ion Ratio Lower Upper
108 100
106 105.0 86.8 130.2
79 18.8 15.0 22.6

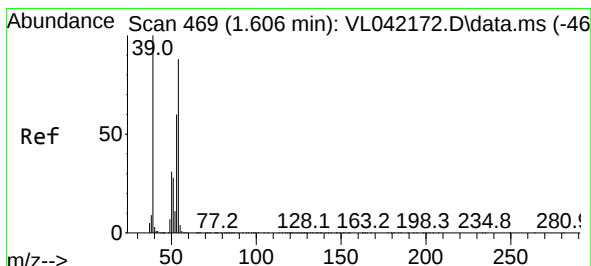
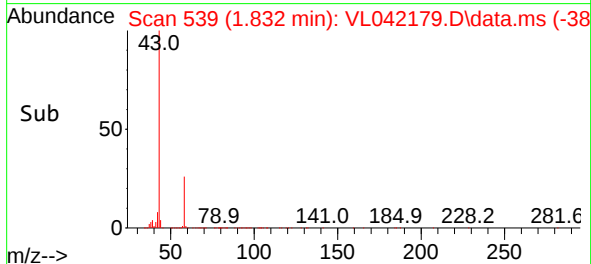
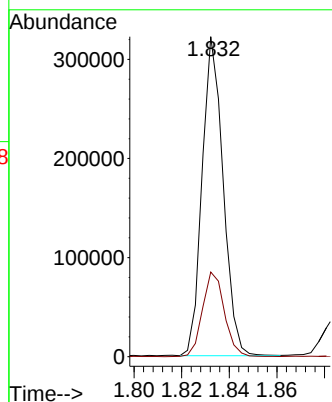
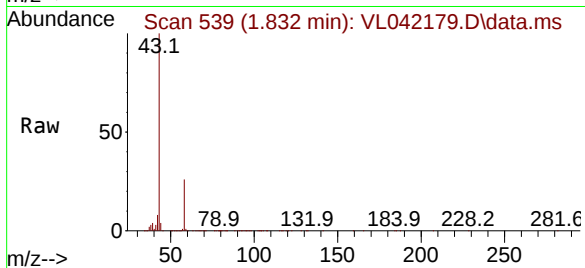




#15
Acetone
Concen: 8.132 ppbv
RT: 1.832 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

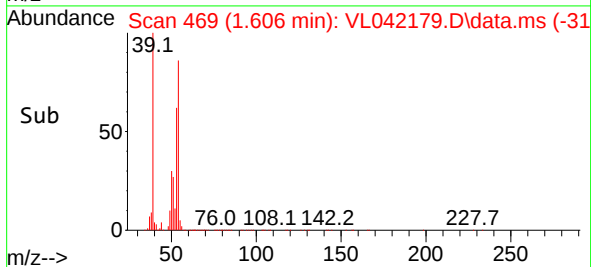
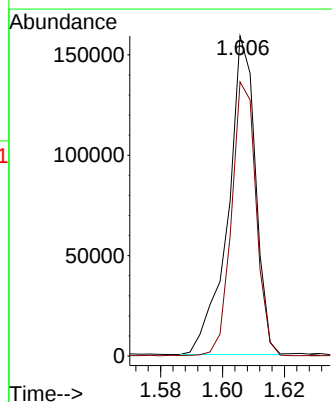
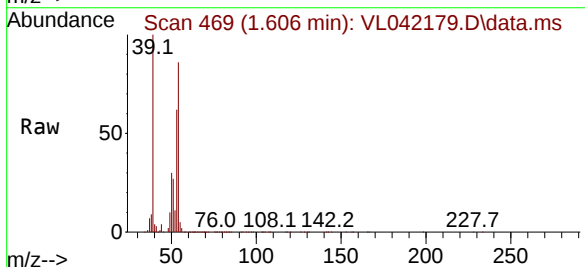
Instrument :
MSVOA_1
ClientSampleId :
ICVVL032725

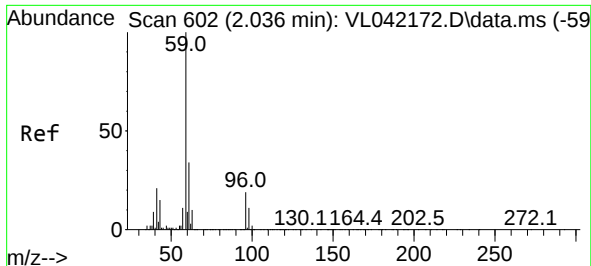
Tgt Ion: 43 Resp: 198300
Ion Ratio Lower Upper
43 100
58 27.7 23.2 34.8



#16
1,3-Butadiene
Concen: 8.216 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 39 Resp: 97840
Ion Ratio Lower Upper
39 100
54 76.9 60.7 91.1





#17

tert-Butyl alcohol

Concen: 9.094 ppbv

RT: 2.039 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

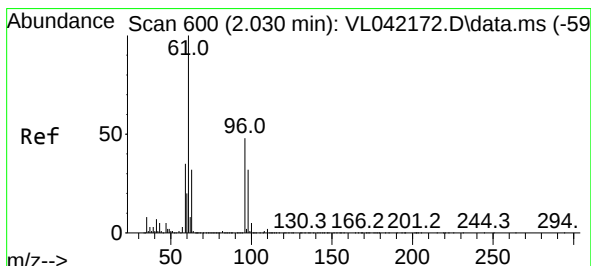
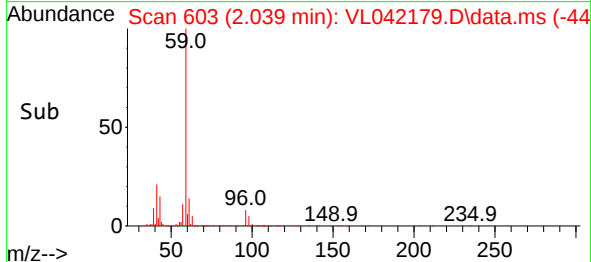
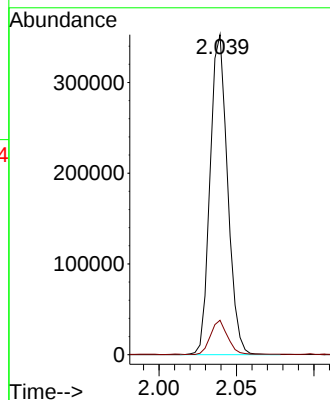
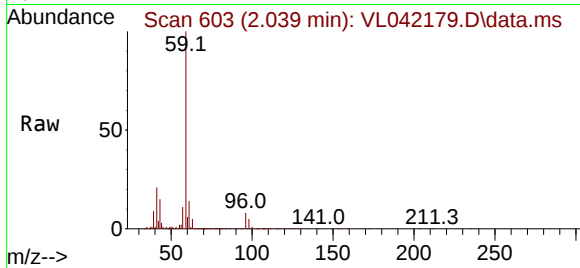
ICVVL032725

Tgt Ion: 59 Resp: 276195

Ion Ratio Lower Upper

59 100

57 10.6 8.9 13.3



#18

1,1-Dichloroethene

Concen: 9.053 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

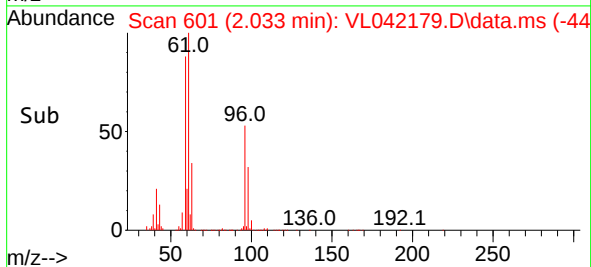
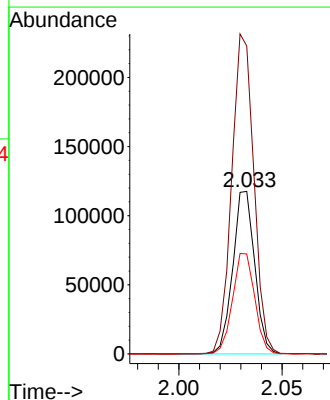
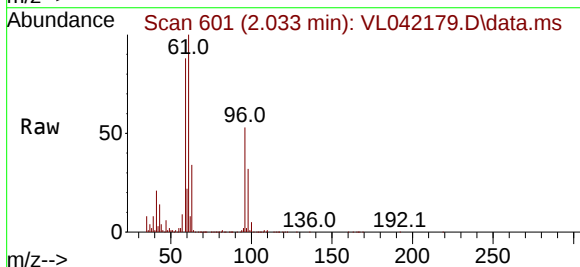
Tgt Ion: 96 Resp: 87137

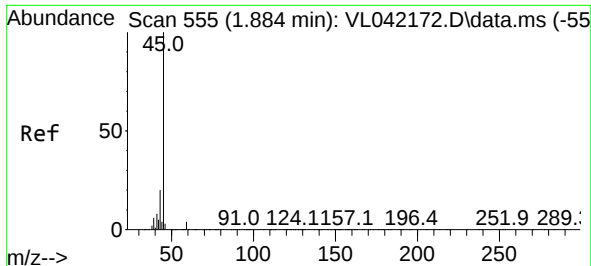
Ion Ratio Lower Upper

96 100

61 189.6 167.6 251.4

98 61.5 53.5 80.3

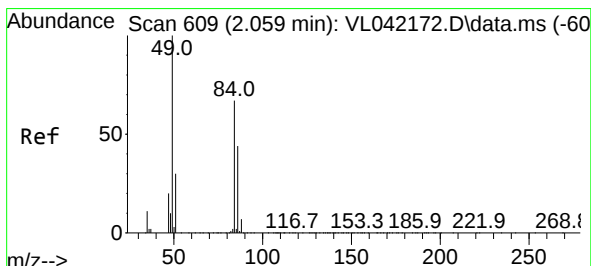
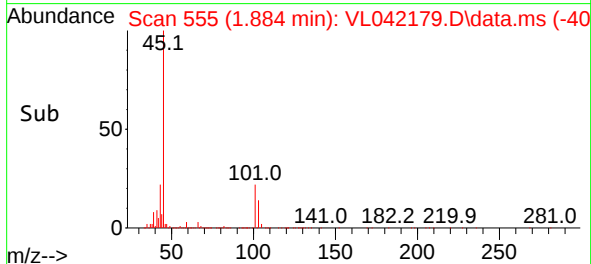
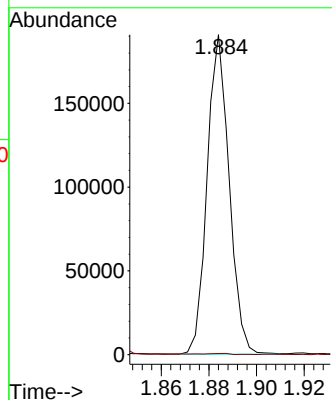
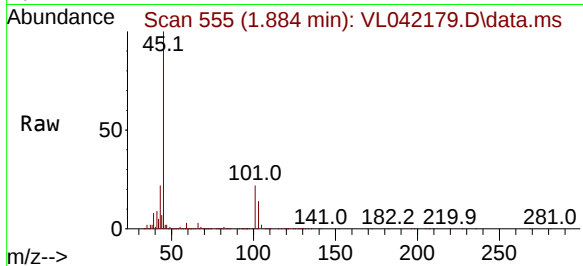




#19
Isopropyl Alcohol
Concen: 8.923 ppbv
RT: 1.884 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

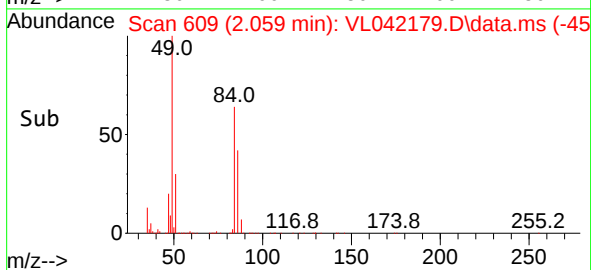
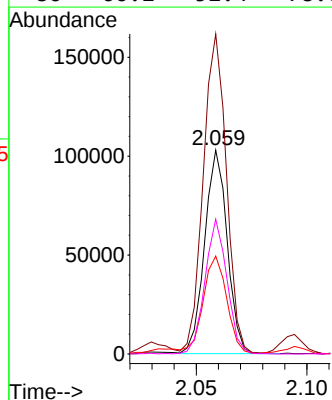
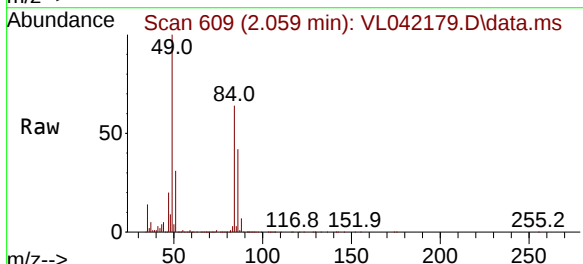
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

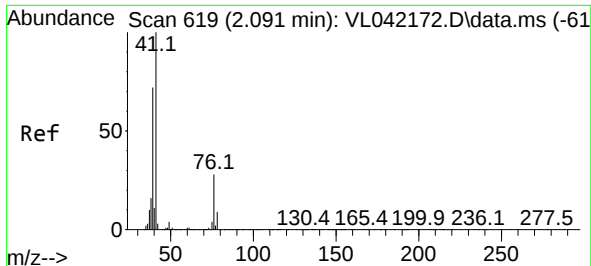
Tgt Ion: 45 Resp: 122768
Ion Ratio Lower Upper
45 100
58 44.9 36.9 55.3



#20
Methylene Chloride
Concen: 8.018 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 84 Resp: 72813
Ion Ratio Lower Upper
84 100
49 155.8 120.2 180.4
51 46.4 37.4 56.0
86 66.2 52.4 78.6

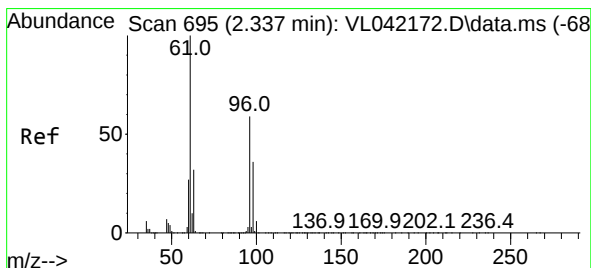
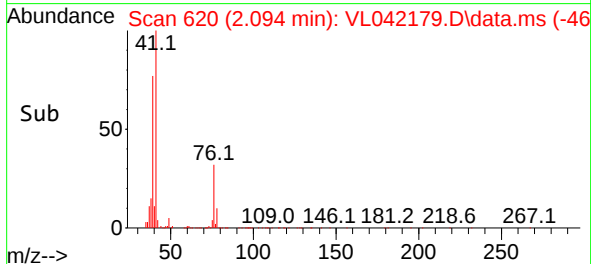
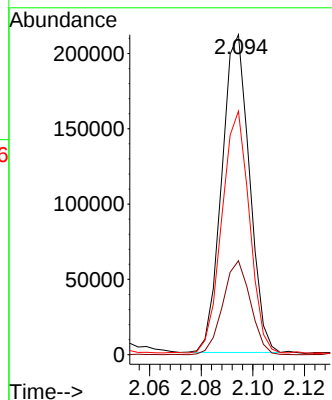
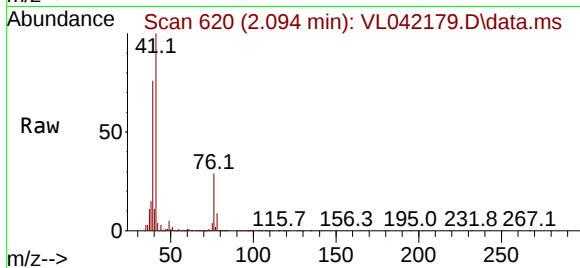




#21
 Allyl Chloride
 Concen: 9.154 ppbv
 RT: 2.094 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

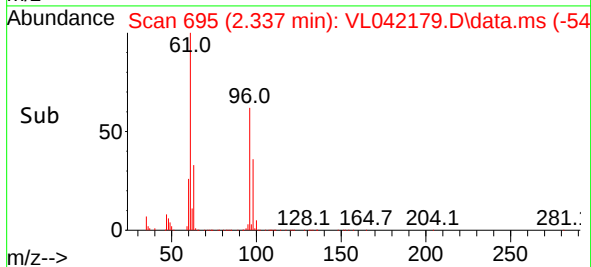
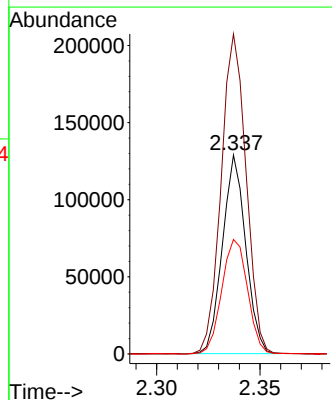
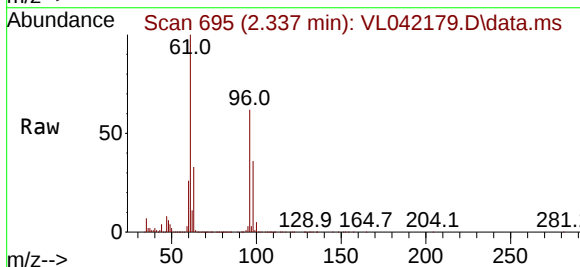
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

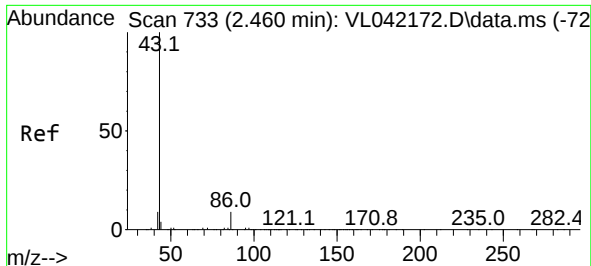
Tgt Ion: 41 Resp: 157418
 Ion Ratio Lower Upper
 41 100
 76 29.6 24.1 36.1
 39 75.5 61.1 91.7



#22
 trans-1,2-Dichloroethene
 Concen: 9.092 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 96 Resp: 101141
 Ion Ratio Lower Upper
 96 100
 61 161.2 136.6 204.8
 98 57.7 49.4 74.2

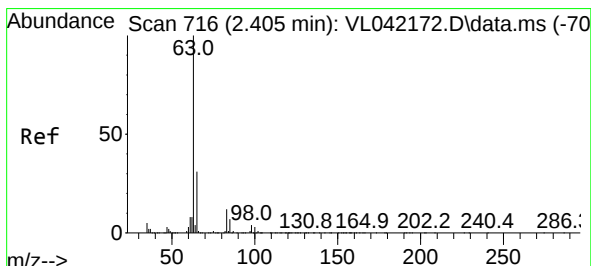
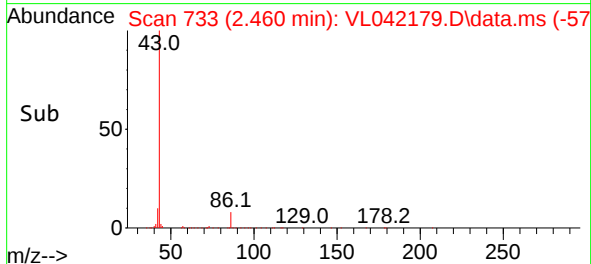
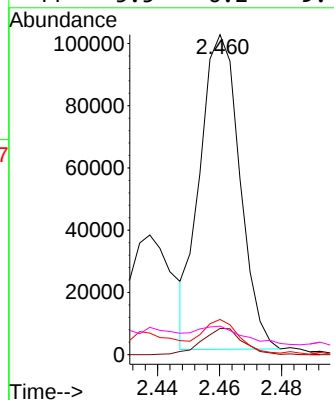
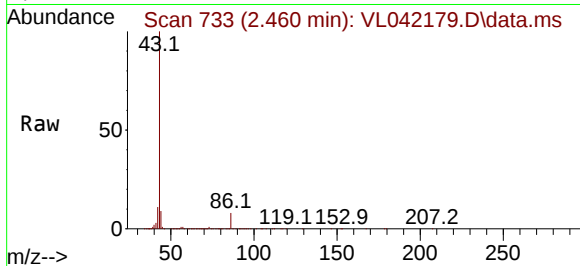




#23
Vinyl Acetate
Concen: 8.553 ppbv
RT: 2.460 min Scan# 716
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

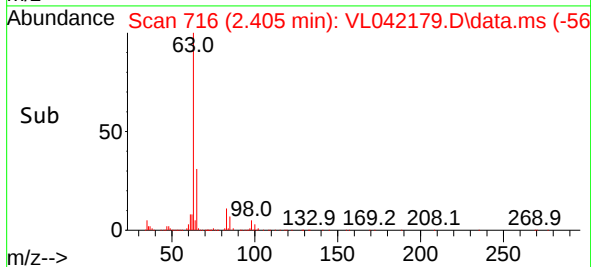
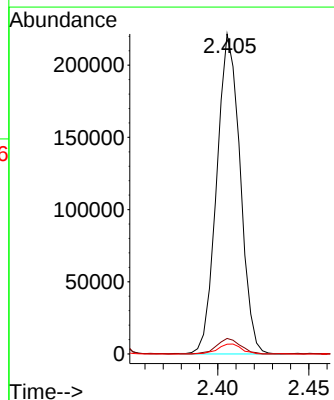
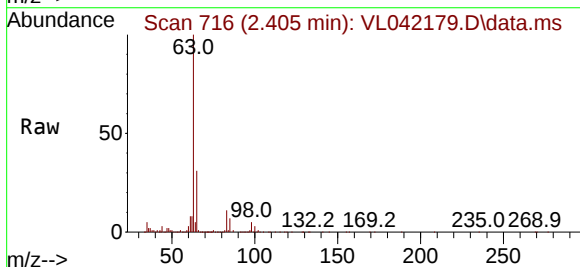
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

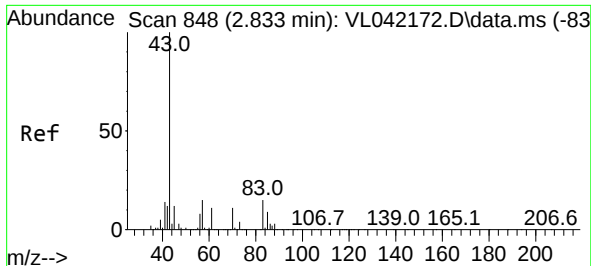
Tgt Ion:	43	Resp:	90260
Ion	Ratio	Lower	Upper
43	100		
86	8.3	5.5	8.3#
42	10.7	8.6	13.0
44	5.5	6.2	9.4#



#24
1,1-Dichloroethane
Concen: 9.600 ppbv
RT: 2.405 min Scan# 716
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:	63	Resp:	197968
Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.3	6.8
100	3.0	1.6	4.7

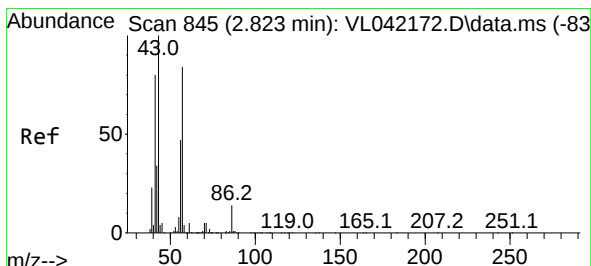
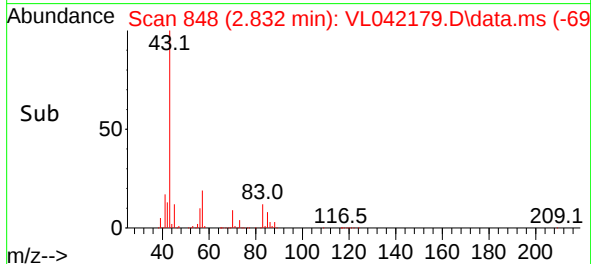
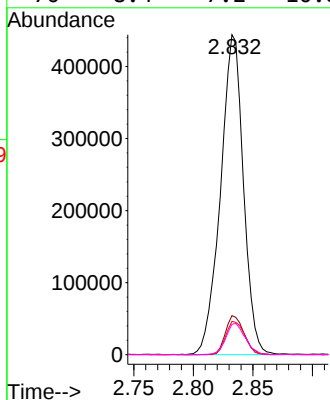
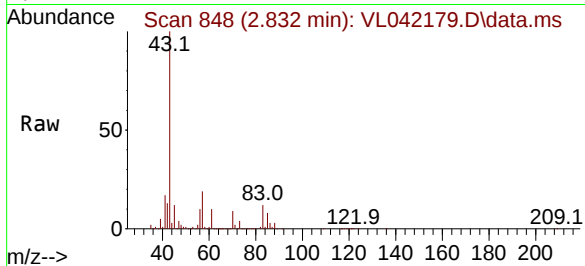




#25
Ethyl Acetate
Concen: 9.364 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

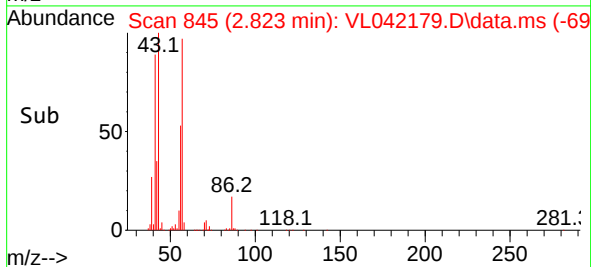
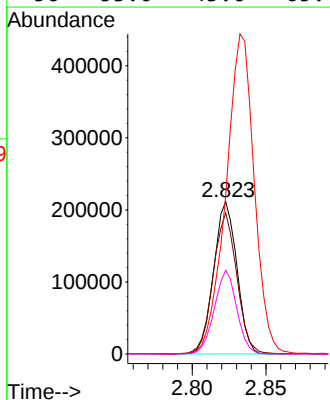
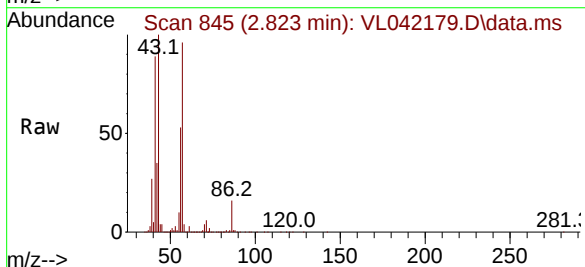
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

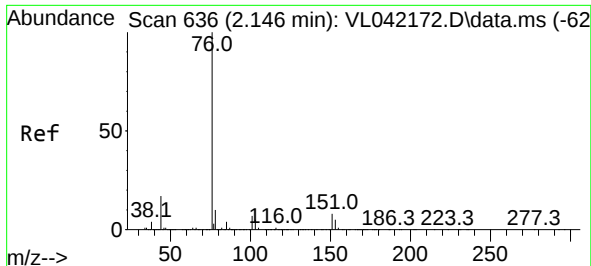
Tgt Ion:	43	Resp:	592585
Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.2	12.2
61	8.7	7.3	10.9
70	8.4	7.2	10.8



#26
Hexane
Concen: 9.455 ppbv
RT: 2.823 min Scan# 845
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:	57	Resp:	231125
Ion	Ratio	Lower	Upper
57	100		
41	95.2	76.6	114.8
43	256.8	207.8	311.8
56	53.0	43.6	65.4

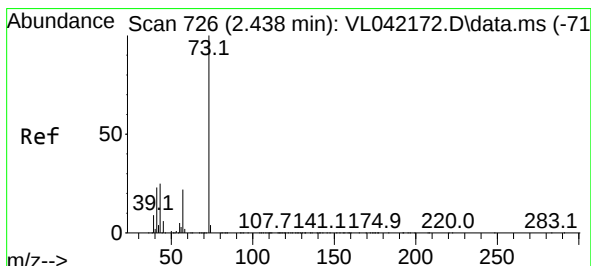
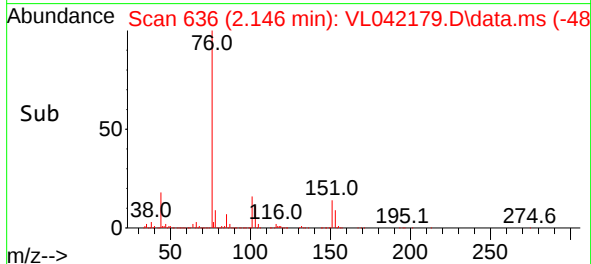
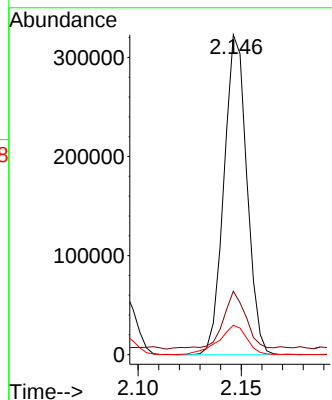
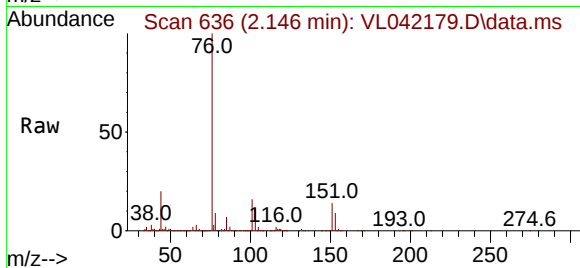




#27
Carbon Disulfide
Concen: 9.493 ppbv
RT: 2.146 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

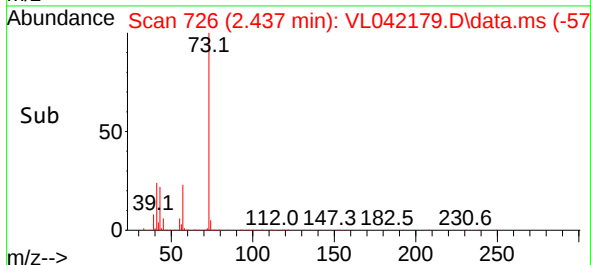
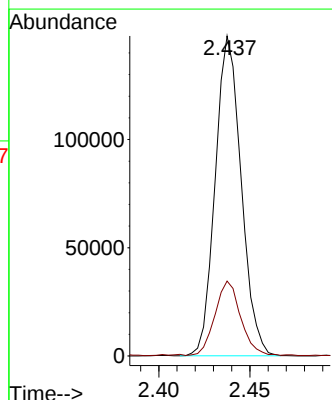
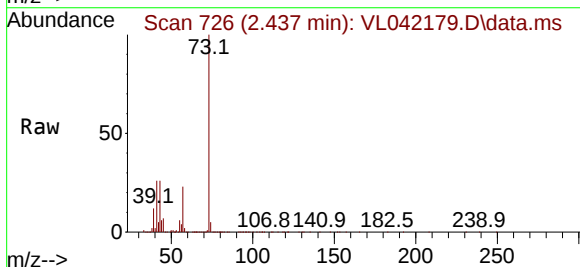
Instrument : MSVOA_1
ClientSampleId : ICVVL032725

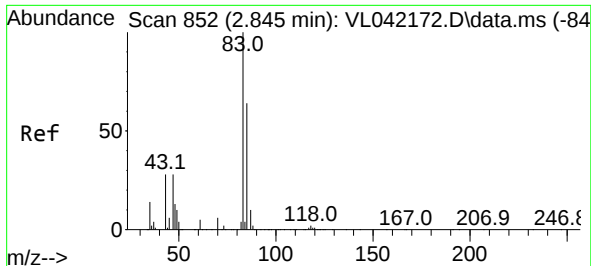
Tgt Ion: 76 Resp: 248834
Ion Ratio Lower Upper
76 100
44 20.1 14.7 22.1
78 11.3 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 9.624 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 73 Resp: 146470
Ion Ratio Lower Upper
73 100
57 23.3 20.5 30.7

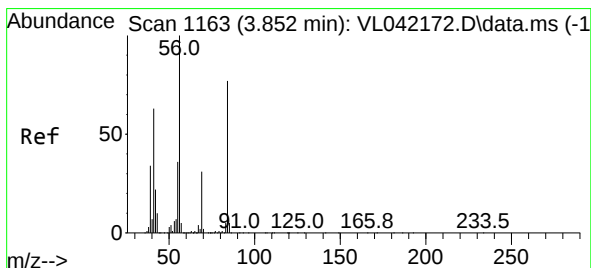
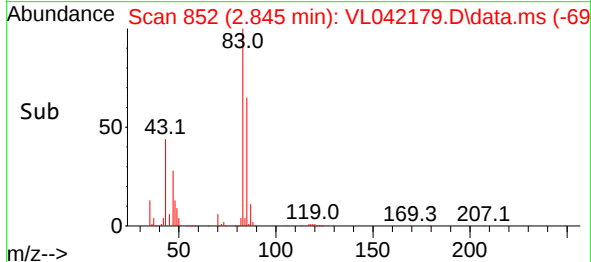
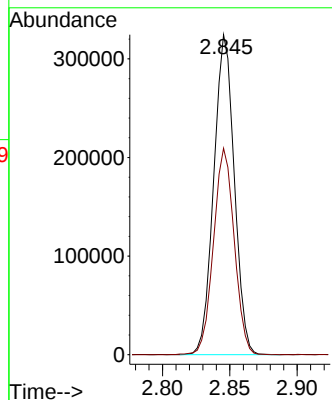
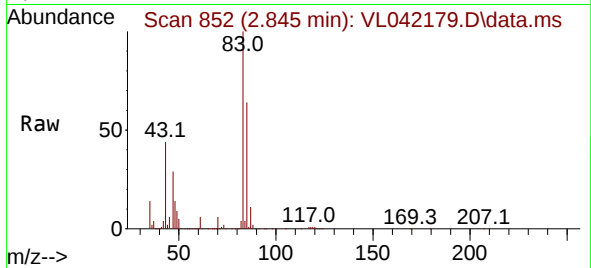




#29
Chloroform
Concen: 9.619 ppbv
RT: 2.845 min Scan# 852
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

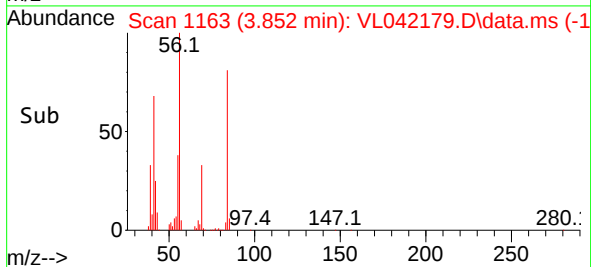
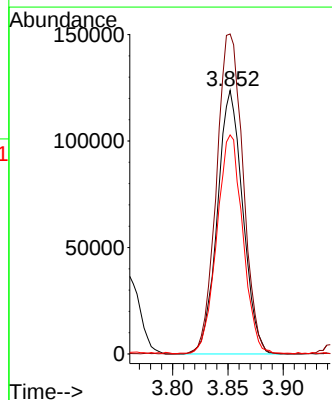
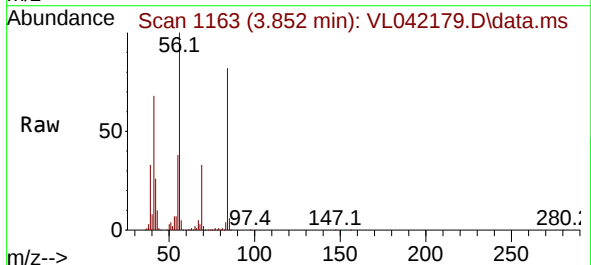
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

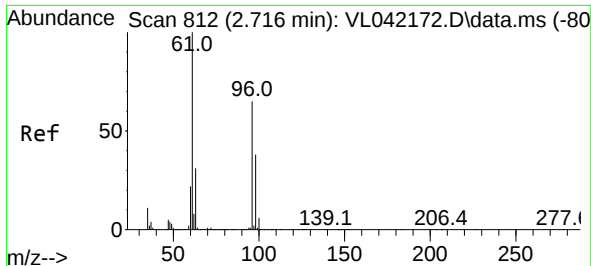
Tgt Ion: 83 Resp: 344106
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2



#30
Cyclohexane
Concen: 9.323 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 84 Resp: 197897
Ion Ratio Lower Upper
84 100
56 126.8 102.8 154.2
41 84.6 66.5 99.7

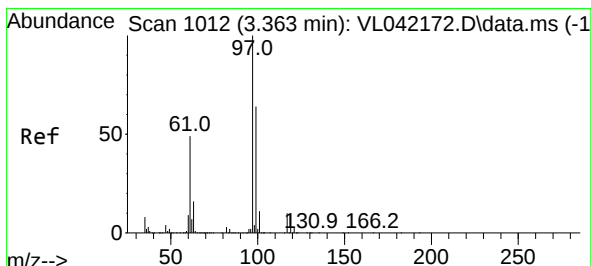
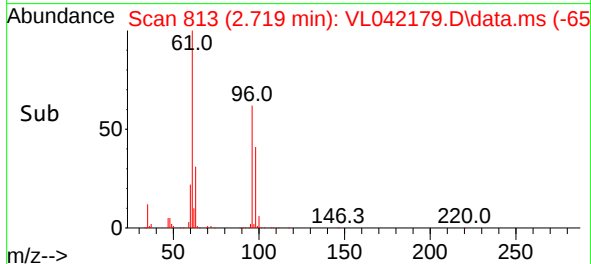
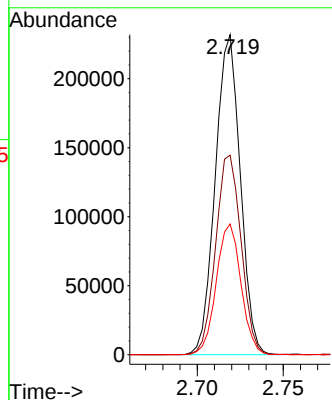
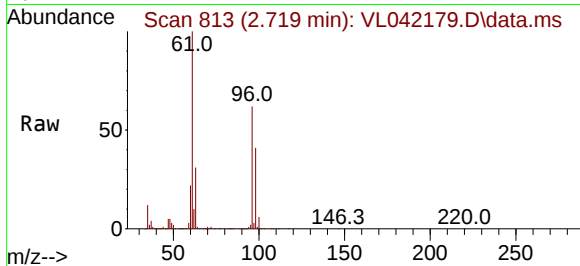




#31
 cis-1,2-Dichloroethene
 Concen: 9.449 ppbv
 RT: 2.719 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

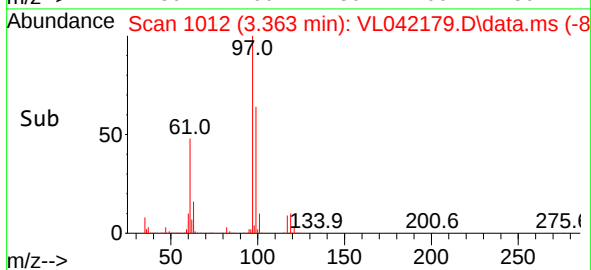
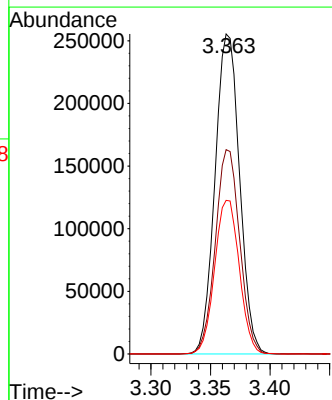
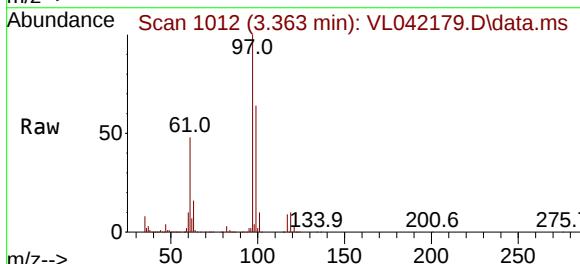
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

Tgt Ion: 61 Resp: 234487
 Ion Ratio Lower Upper
 61 100
 96 62.3 51.8 77.8
 98 40.9 30.6 46.0



#32
 1,1,1-Trichloroethane
 Concen: 8.921 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 97 Resp: 365364
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.5 77.3
 61 48.4 38.7 58.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.952 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

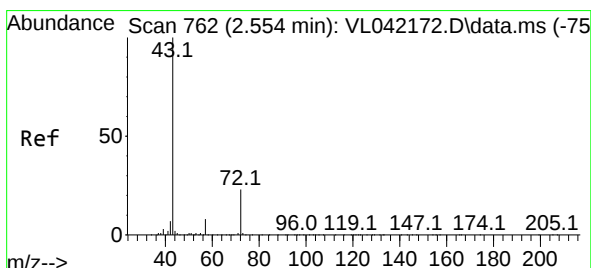
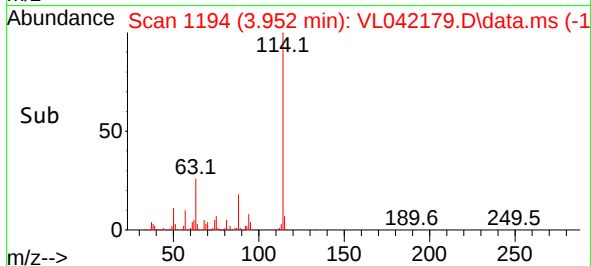
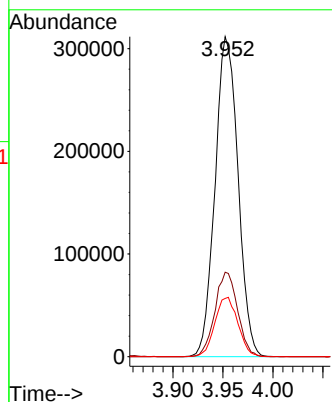
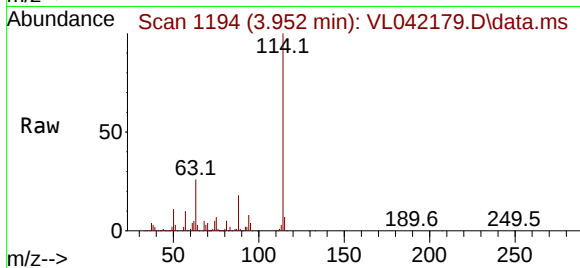
Tgt Ion:114 Resp: 498105

Ion Ratio Lower Upper

114 100

63 26.1 20.7 31.1

88 18.7 15.0 22.4



#34

2-Butanone

Concen: 9.171 ppbv

RT: 2.554 min Scan# 762

Delta R.T. -0.000 min

Lab File: VL042179.D

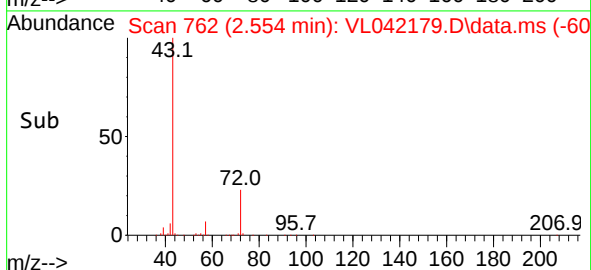
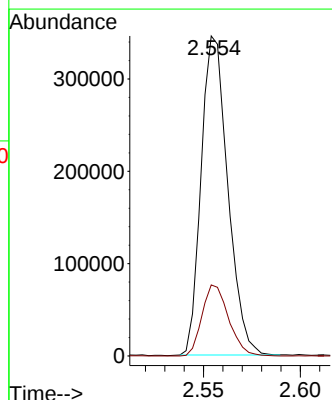
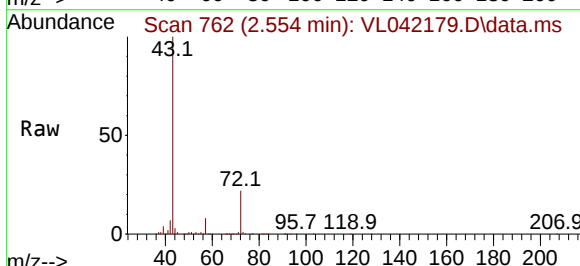
Acq: 27 Mar 2025 12:23

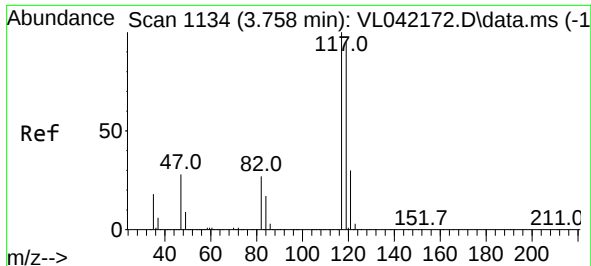
Tgt Ion: 43 Resp: 331236

Ion Ratio Lower Upper

43 100

72 22.2 18.2 27.2

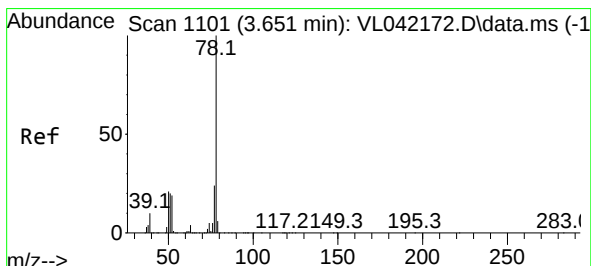
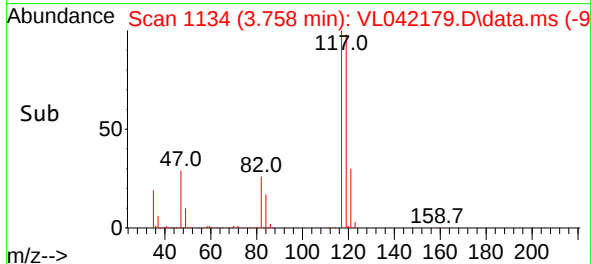
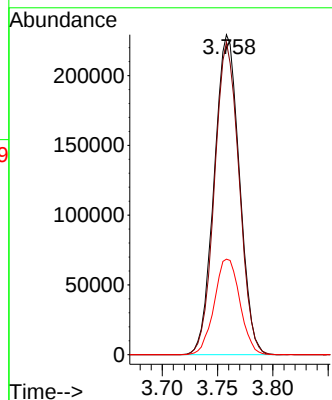
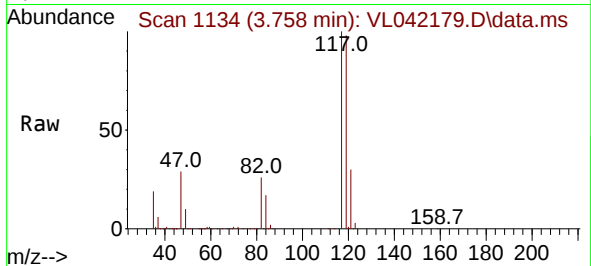




#35
Carbon Tetrachloride
Concen: 9.339 ppbv
RT: 3.758 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

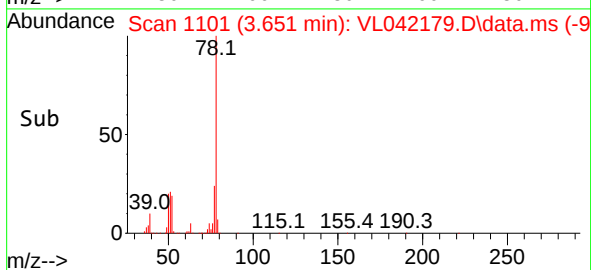
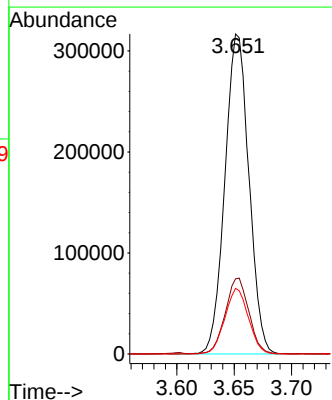
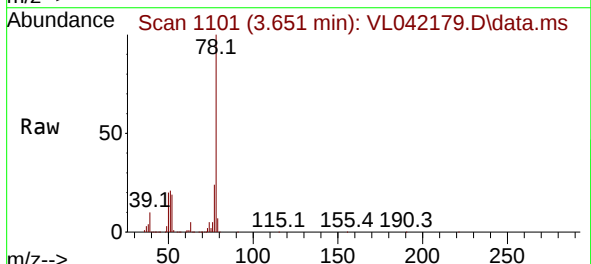
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

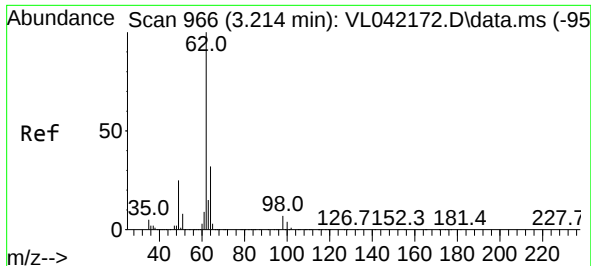
Tgt Ion:117 Resp: 363392
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.2
121 29.9 24.2 36.4



#36
Benzene
Concen: 9.341 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 78 Resp: 461261
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
50 20.4 16.6 24.8

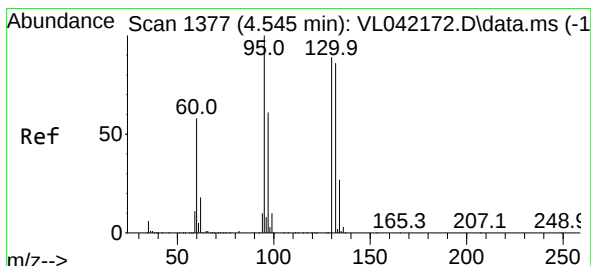
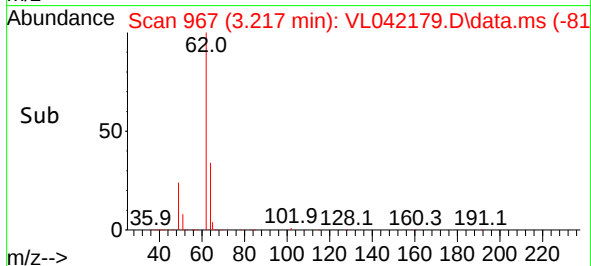
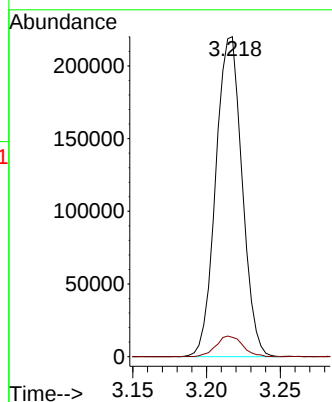
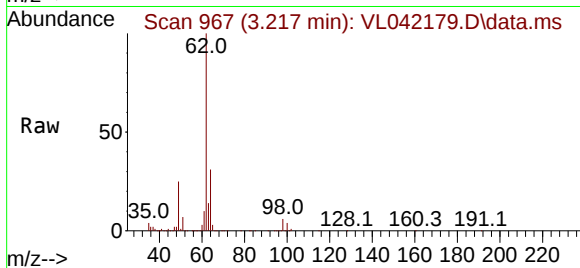




#37
1,2-Dichloroethane
Concen: 9.676 ppbv
RT: 3.217 min Scan# 966
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

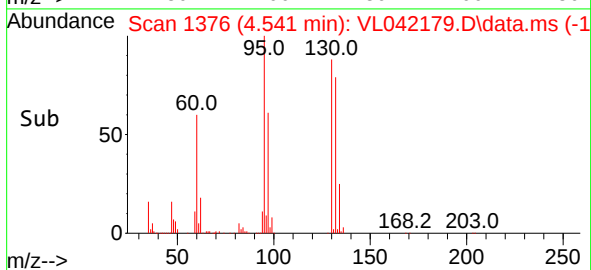
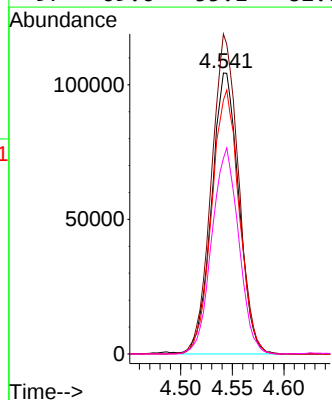
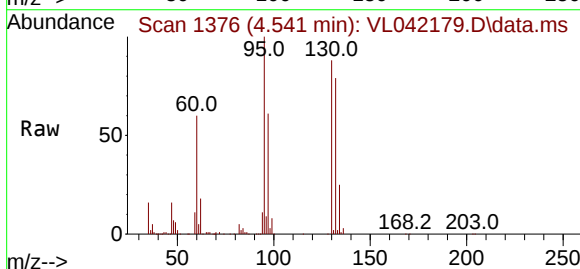
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

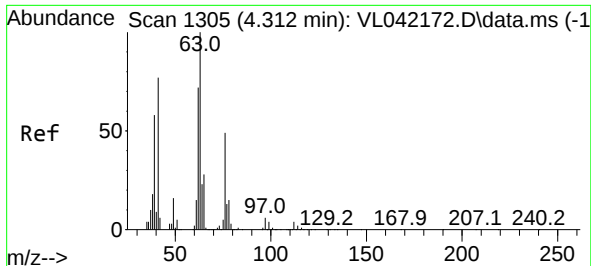
Tgt Ion: 62 Resp: 273559
Ion Ratio Lower Upper
62 100
98 6.6 5.4 8.2



#38
Trichloroethene
Concen: 9.306 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. -0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:130 Resp: 191746
Ion Ratio Lower Upper
130 100
95 113.9 89.8 134.8
132 90.3 77.4 116.2
97 69.6 55.1 82.7





#39

1,2-Dichloropropane

Concen: 9.500 ppbv

RT: 4.311 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

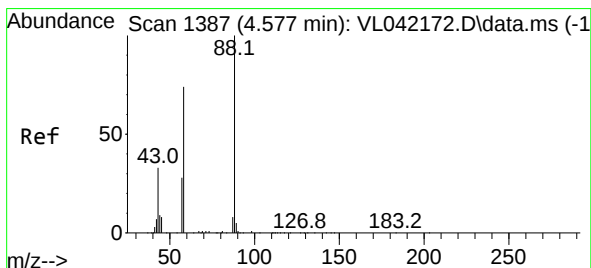
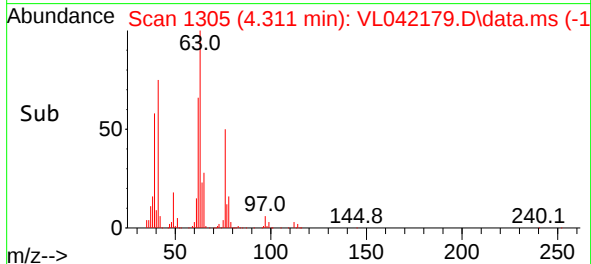
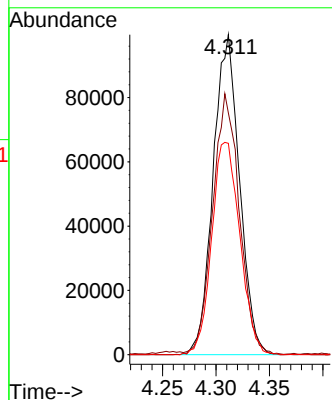
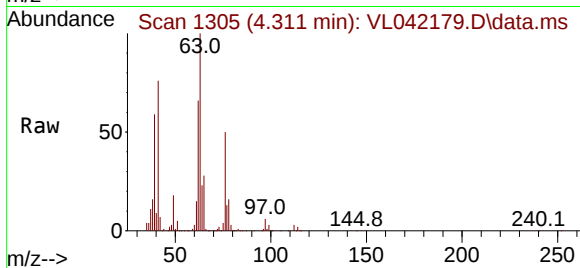
Tgt Ion: 63 Resp: 170839

Ion Ratio Lower Upper

63 100

41 75.3 61.7 92.5

62 66.0 57.6 86.4



#40

1,4-Dioxane

Concen: 8.443 ppbv

RT: 4.577 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Tgt Ion: 88 Resp: 80592

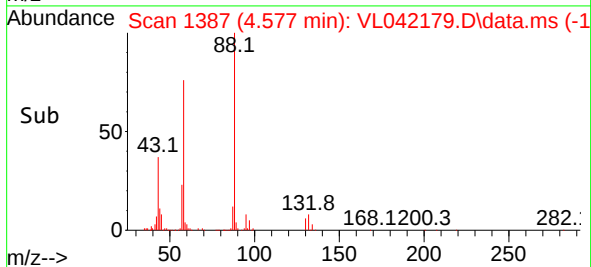
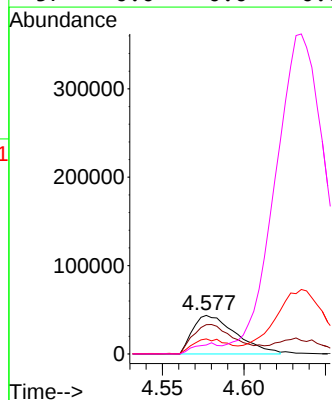
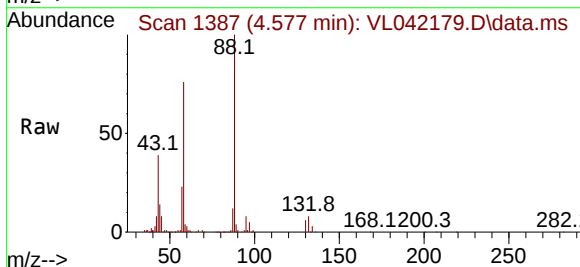
Ion Ratio Lower Upper

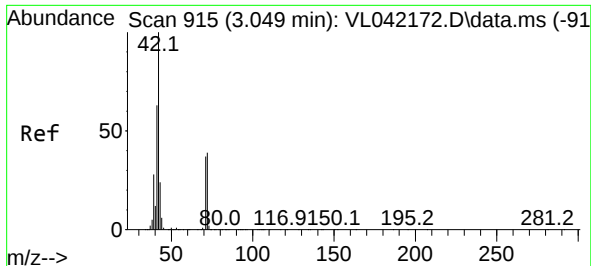
88 100

58 76.2 62.7 94.1

43 31.4 23.0 34.4

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.431 ppbv

RT: 3.052 min Scan# 915

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

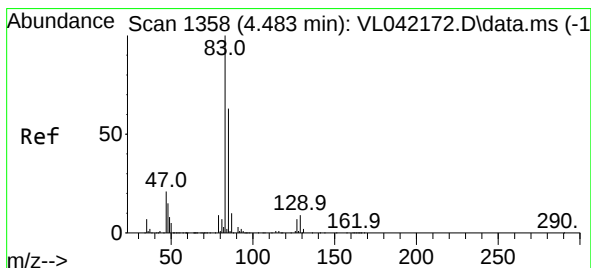
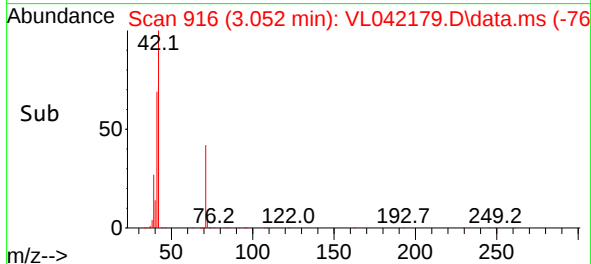
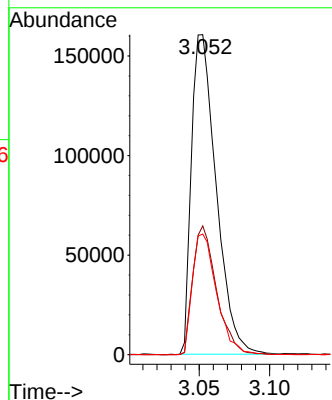
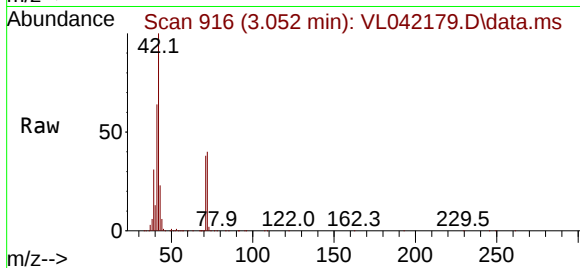
Tgt Ion: 42 Resp: 196163

Ion Ratio Lower Upper

42 100

72 38.9 31.4 47.0

71 37.2 30.2 45.4



#42

Bromodichloromethane

Concen: 9.853 ppbv

RT: 4.486 min Scan# 1359

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

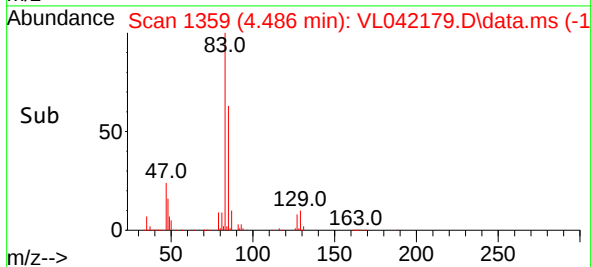
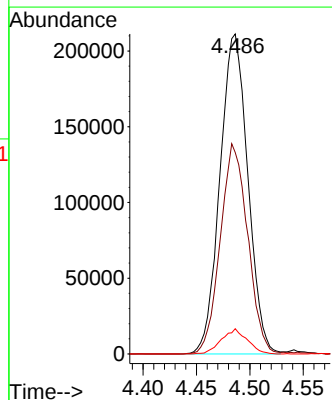
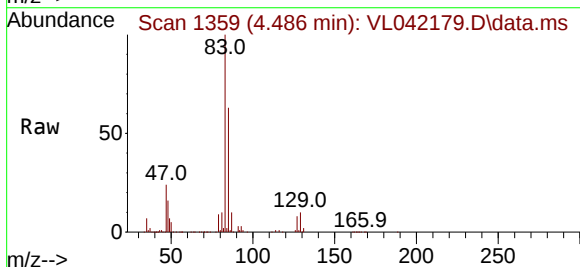
Tgt Ion: 83 Resp: 384006

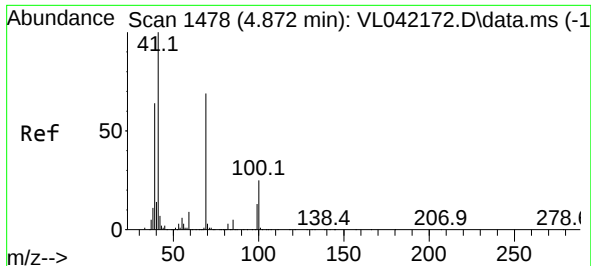
Ion Ratio Lower Upper

83 100

85 63.0 50.5 75.7

127 7.9 5.9 8.9

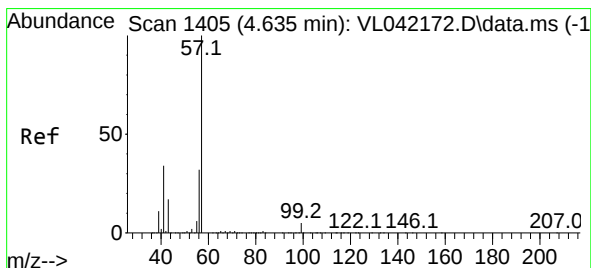
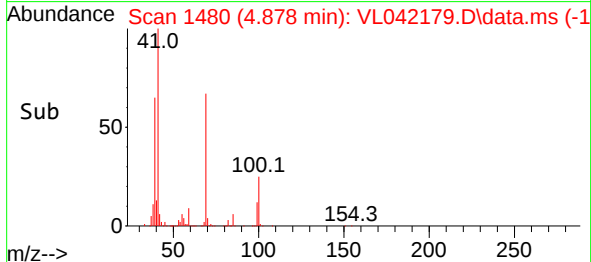
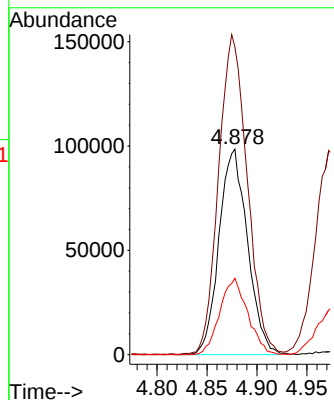
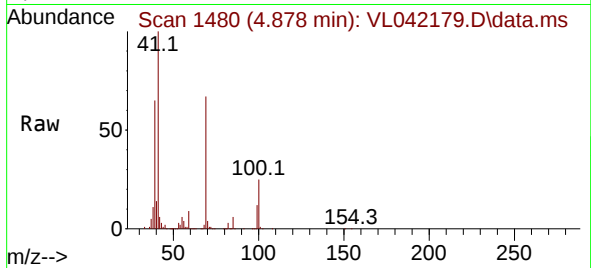




#43
Methyl Methacrylate
Concen: 9.344 ppbv
RT: 4.878 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

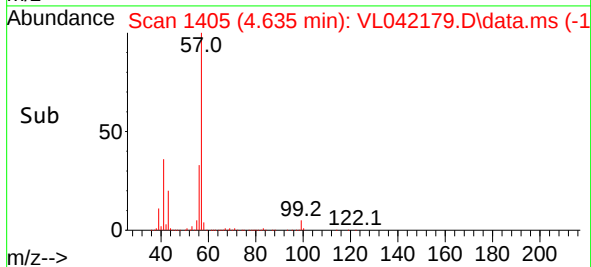
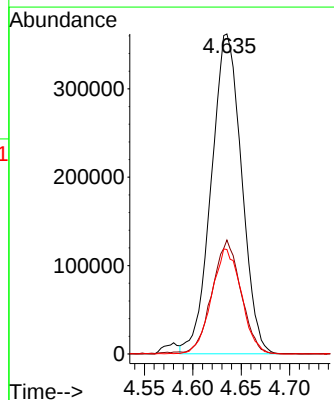
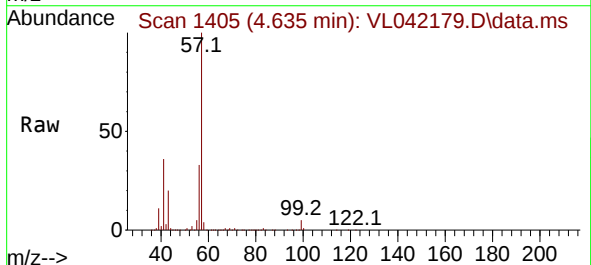
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

Tgt Ion: 69 Resp: 195339
Ion Ratio Lower Upper
69 100
41 156.4 123.8 185.6
100 36.4 28.4 42.6



#44
2,2,4-Trimethylpentane
Concen: 9.436 ppbv
RT: 4.635 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 57 Resp: 787400
Ion Ratio Lower Upper
57 100
41 34.3 26.8 40.2
56 32.5 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 9.467 ppbv

RT: 6.409 min Scan# 1952

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

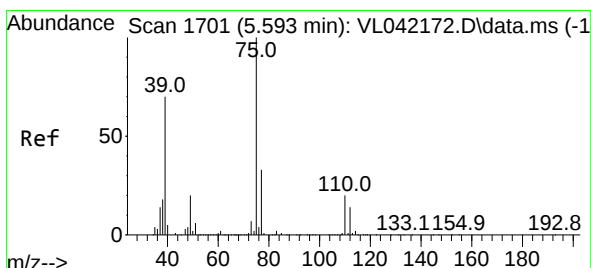
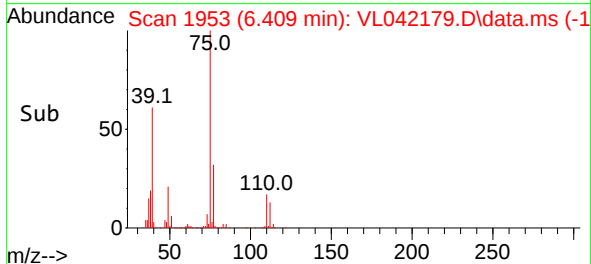
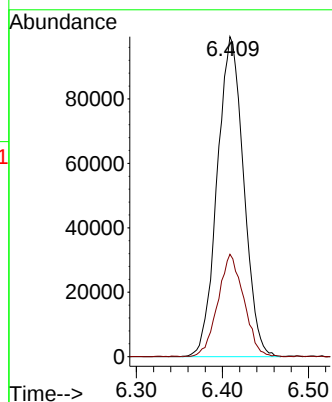
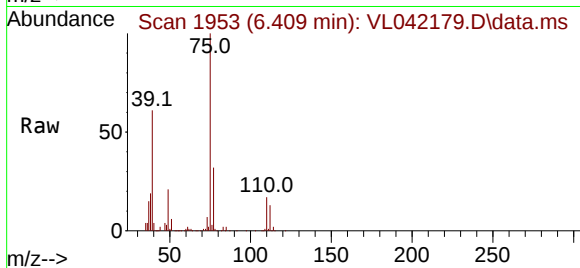
ICVVL032725

Tgt Ion: 75 Resp: 212335

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 9.643 ppbv

RT: 5.593 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

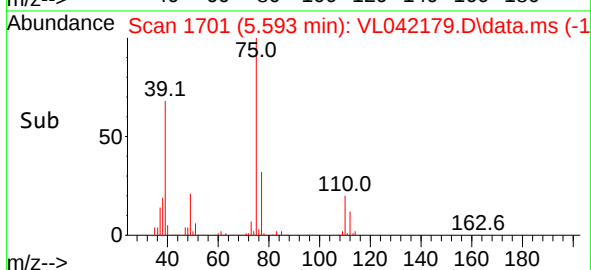
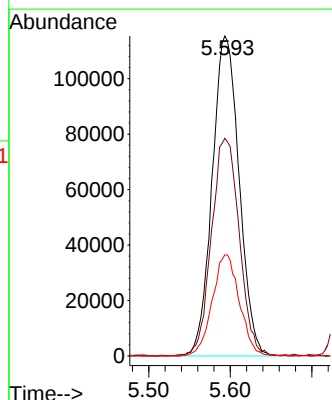
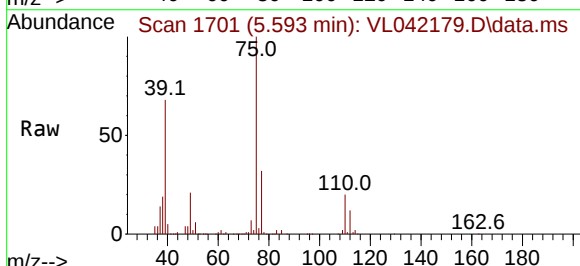
Tgt Ion: 75 Resp: 265101

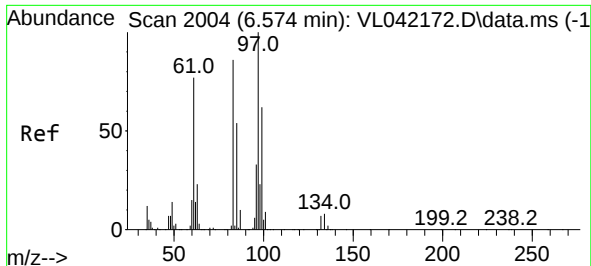
Ion Ratio Lower Upper

75 100

39 67.8 55.8 83.6

77 31.6 26.0 39.0



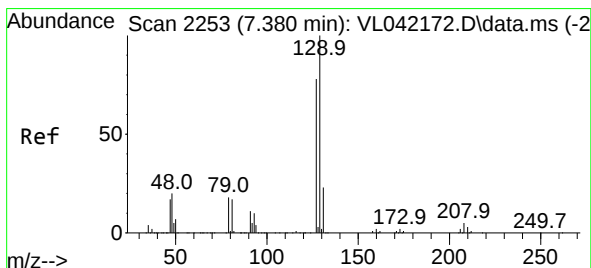
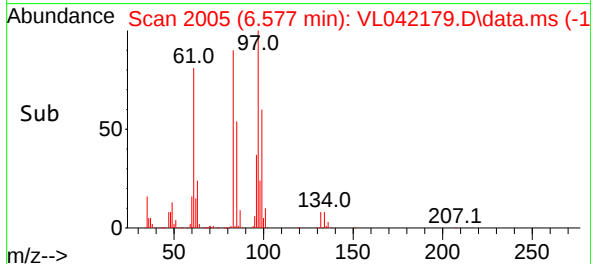
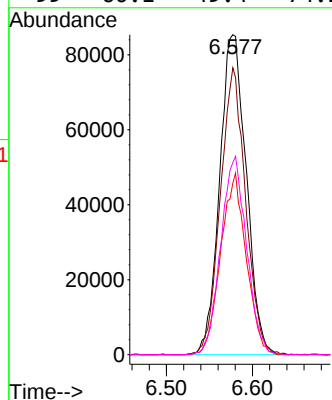
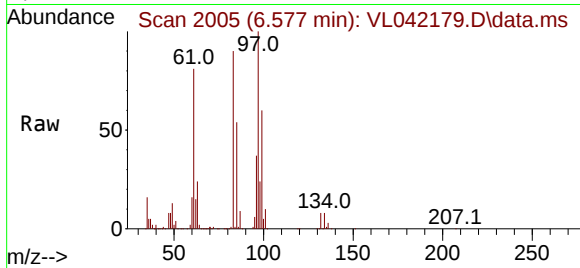


#47
 1,1,2-Trichloroethane
 Concen: 9.638 ppbv
 RT: 6.577 min Scan# 2005
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

Tgt Ion: 97 Resp: 183228

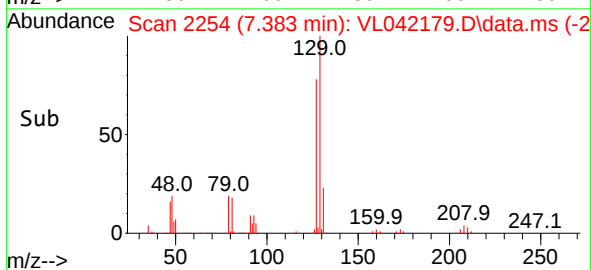
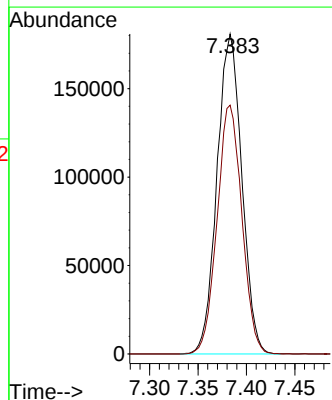
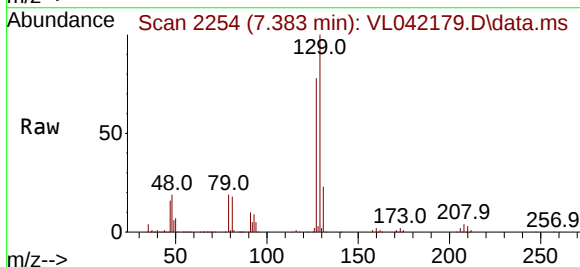
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.2	103.8
85	53.6	43.1	64.7
99	60.1	49.4	74.2

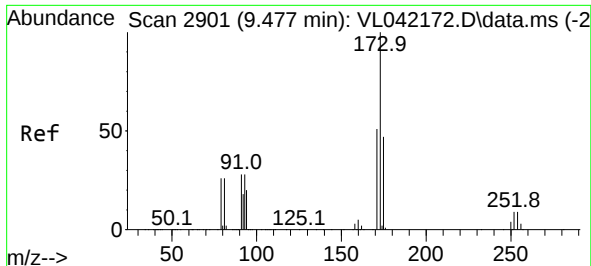


#48
 Dibromochloromethane
 Concen: 10.018 ppbv
 RT: 7.383 min Scan# 2254
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 129 Resp: 322766

Ion	Ratio	Lower	Upper
129	100		
127	77.7	39.1	117.2





#49

Bromoform

Concen: 9.858 ppbv

RT: 9.480 min Scan# 2901

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

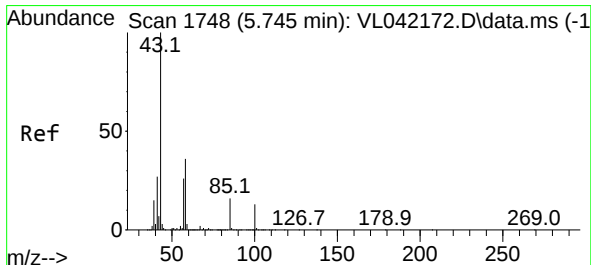
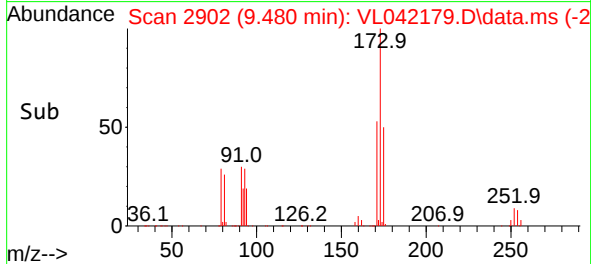
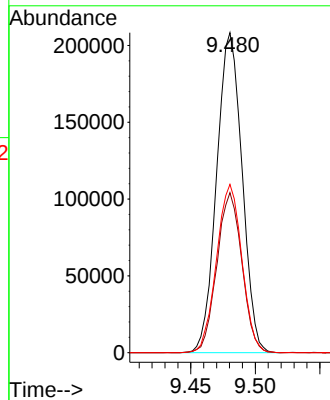
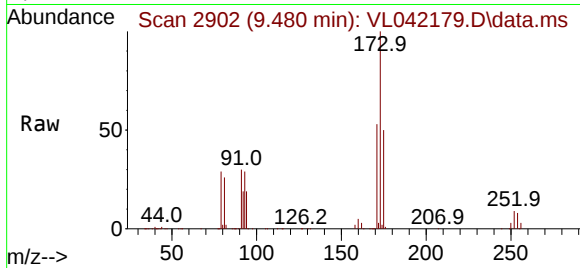
Tgt Ion:173 Resp: 285149

Ion Ratio Lower Upper

173 100

175 49.2 38.6 57.8

171 52.4 41.8 62.6



#50

4-Methyl-2-Pentanone

Concen: 8.749 ppbv

RT: 5.749 min Scan# 1749

Delta R.T. 0.003 min

Lab File: VL042179.D

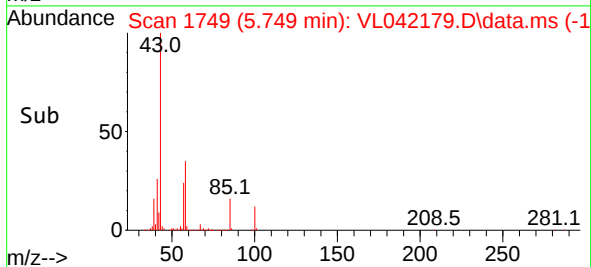
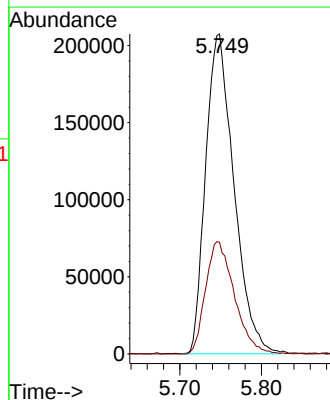
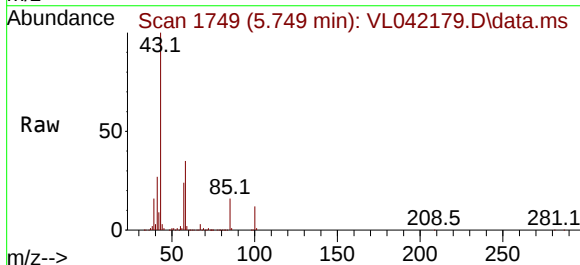
Acq: 27 Mar 2025 12:23

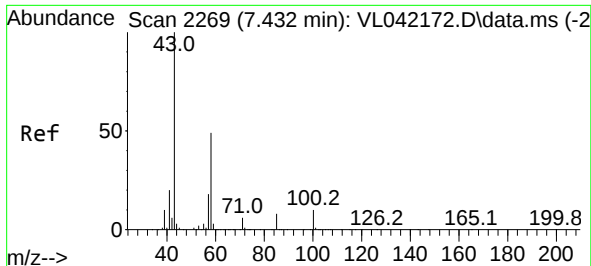
Tgt Ion: 43 Resp: 500791

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6

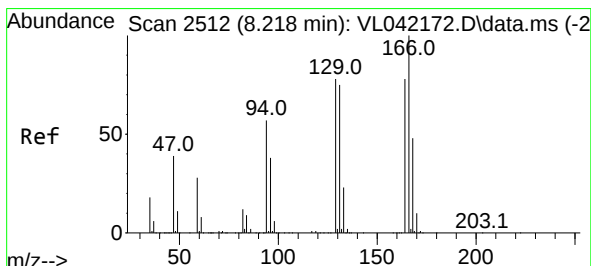
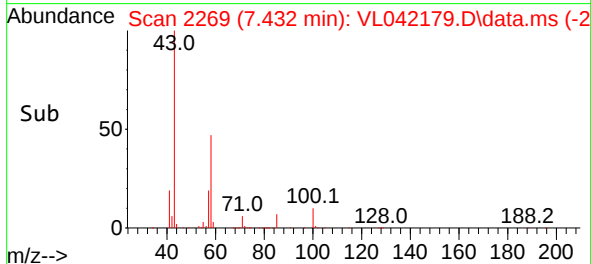
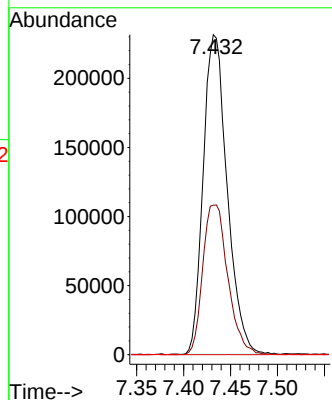
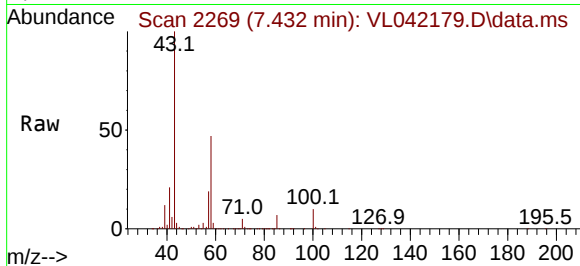




#51
2-Hexanone
Concen: 8.741 ppbv
RT: 7.432 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

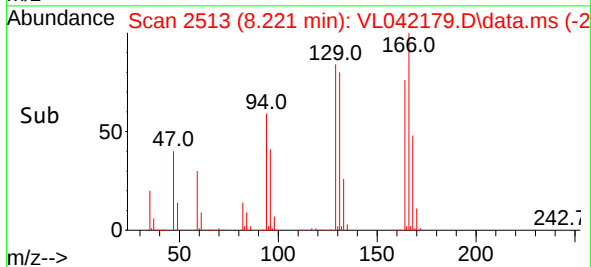
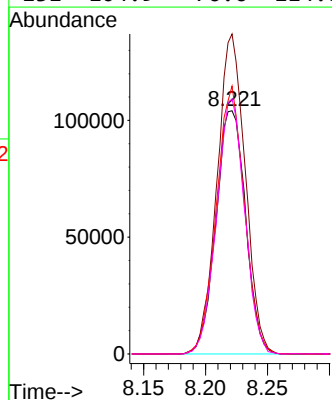
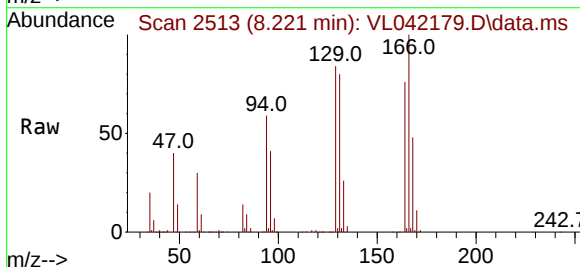
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

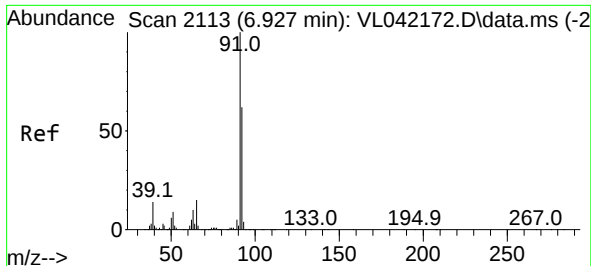
Tgt Ion: 43 Resp: 410889
Ion Ratio Lower Upper
43 100
58 48.9 39.7 59.5
98 0.0 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.855 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:164 Resp: 173420
Ion Ratio Lower Upper
164 100
166 131.6 102.5 153.7
129 110.1 79.8 119.8
131 104.9 76.6 114.8

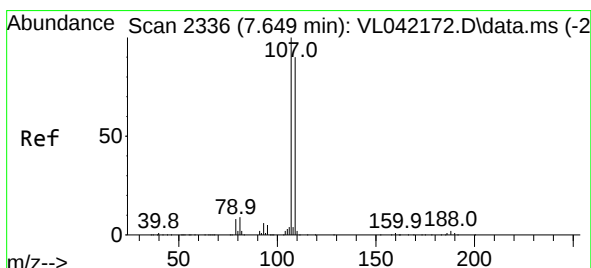
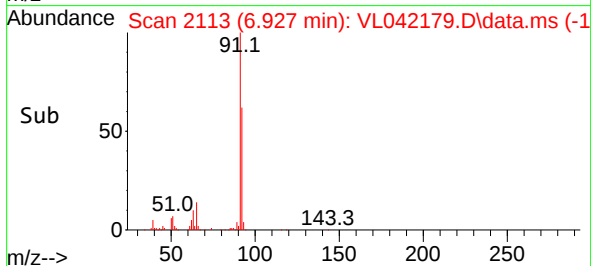
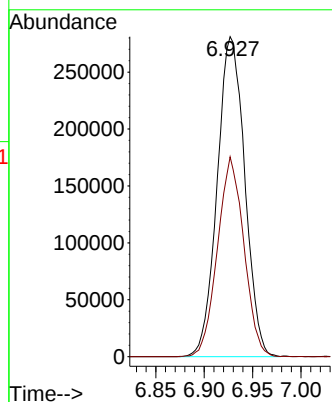
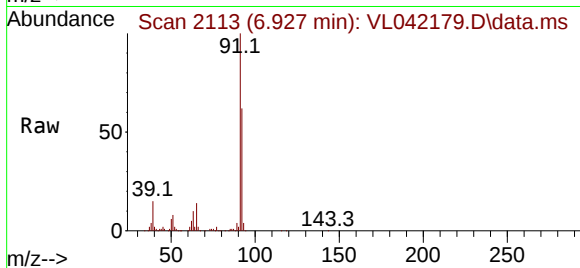




#53
Toluene
Concen: 9.514 ppbv
RT: 6.927 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

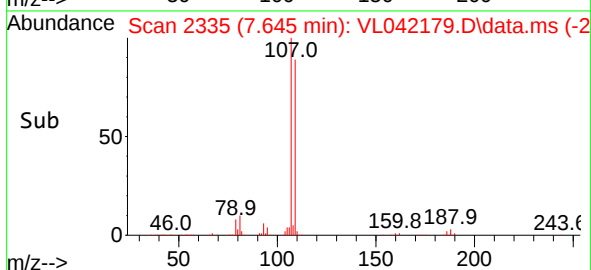
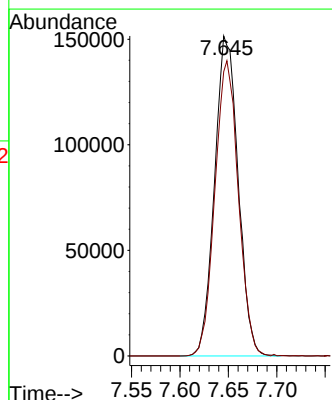
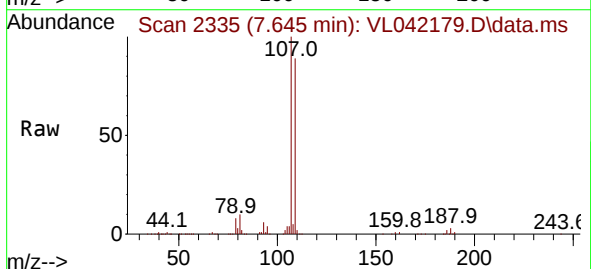
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

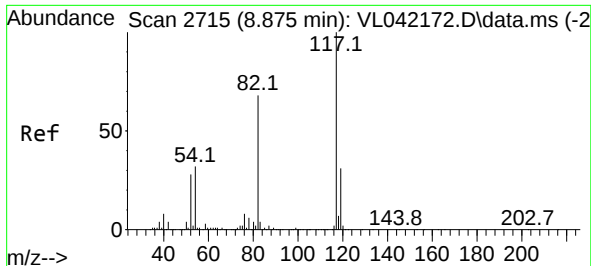
Tgt Ion: 91 Resp: 556897
Ion Ratio Lower Upper
91 100
92 59.8 48.4 72.6



#54
1,2-Dibromoethane
Concen: 9.695 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 107 Resp: 256930
Ion Ratio Lower Upper
107 100
109 88.9 72.2 108.4

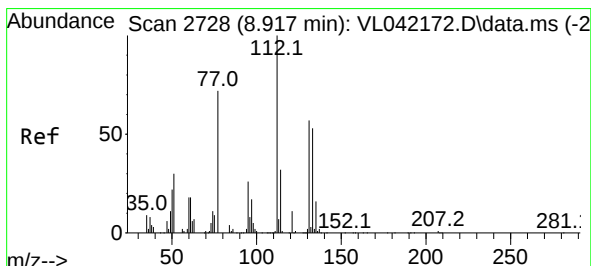
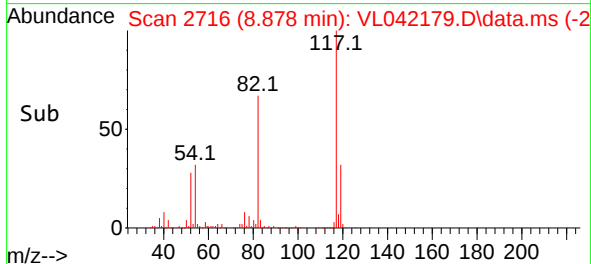
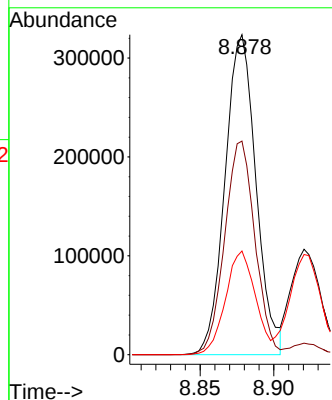
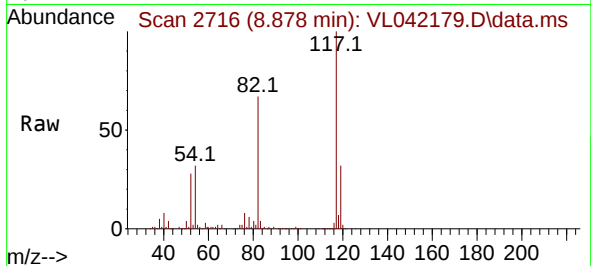




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2715
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

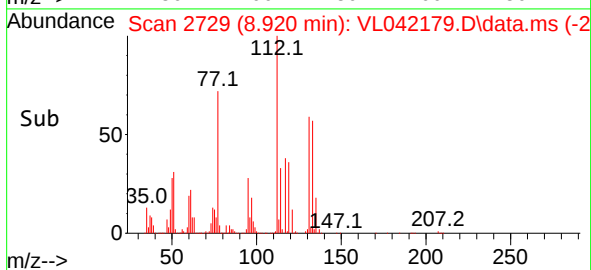
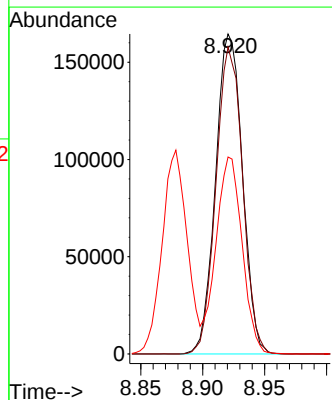
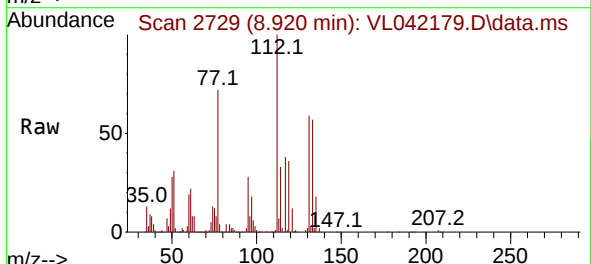
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

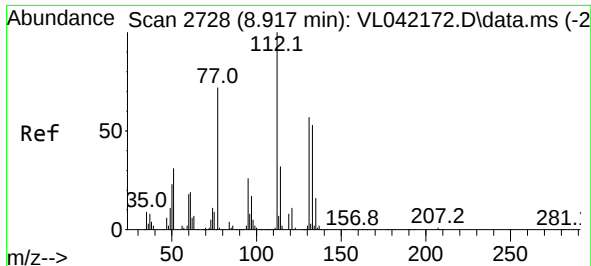
Tgt Ion:117 Resp: 473357
Ion Ratio Lower Upper
117 100
82 68.7 55.8 83.6
119 31.2 25.5 38.3



#56
1,1,1,2-Tetrachloroethane
Concen: 9.567 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:131 Resp: 249270
Ion Ratio Lower Upper
131 100
133 95.0 76.6 114.8
119 61.3 49.8 74.6

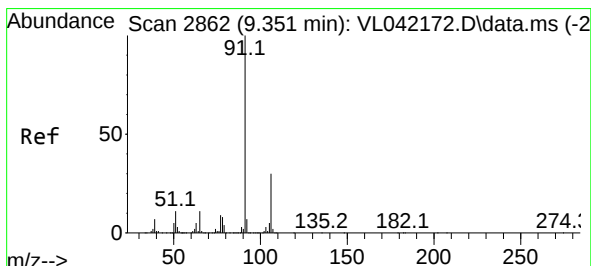
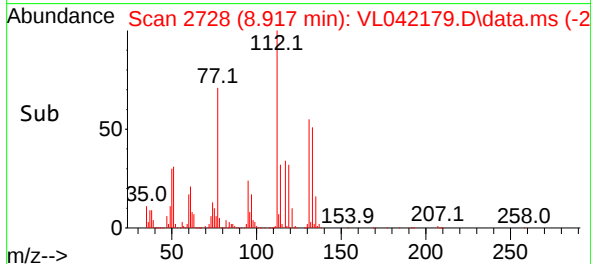
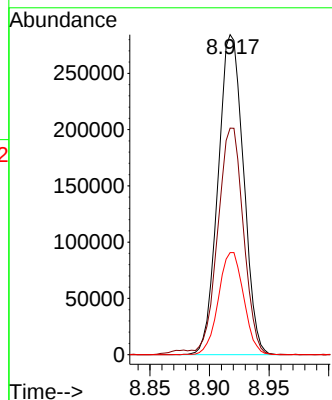
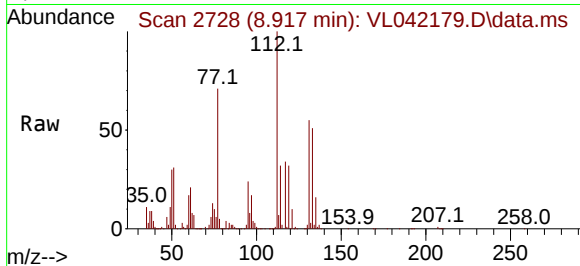




#57
Chlorobenzene
Concen: 9.411 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

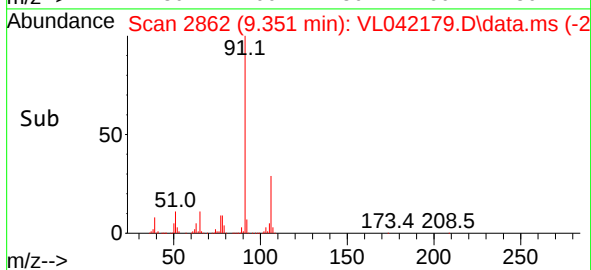
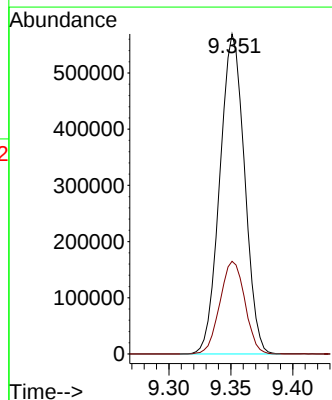
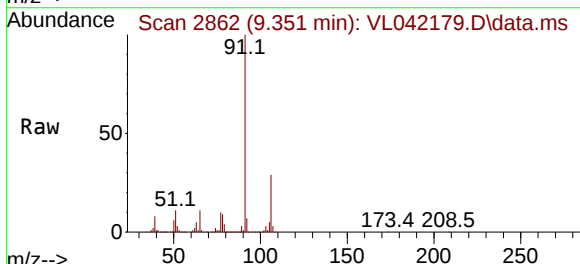
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

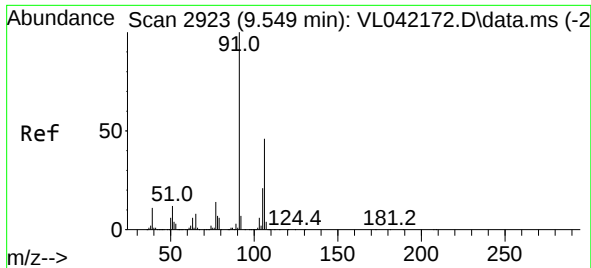
Tgt Ion:112 Resp: 422531
Ion Ratio Lower Upper
112 100
77 70.6 58.2 87.2
114 31.9 29.1 35.5



#58
Ethyl Benzene
Concen: 9.412 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 91 Resp: 791360
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.2

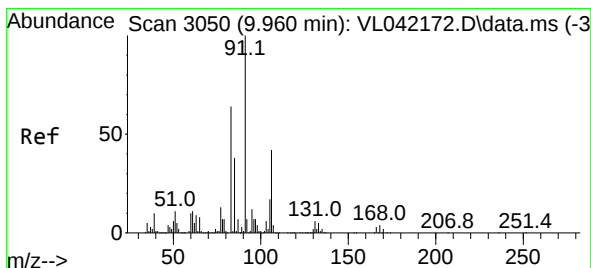
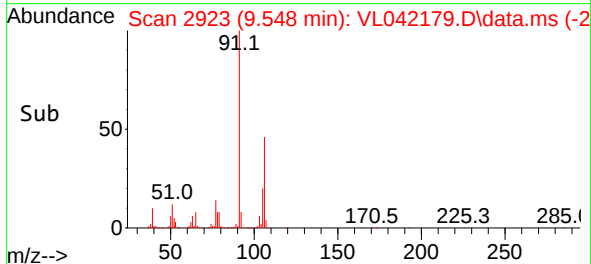
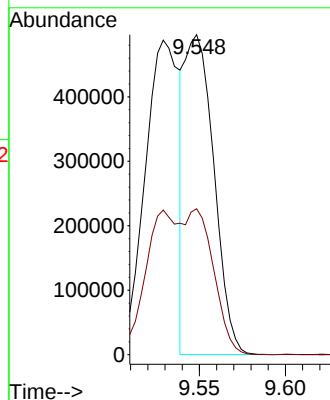
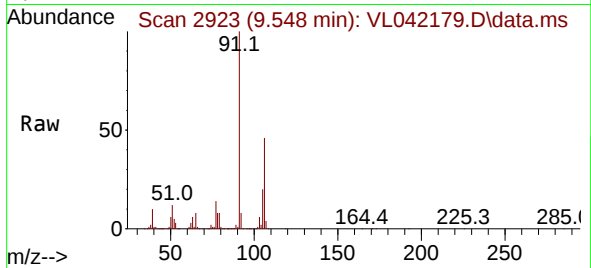




#59
m/p-Xylene
Concen: 8.695 ppbv
RT: 9.548 min Scan# 2923
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

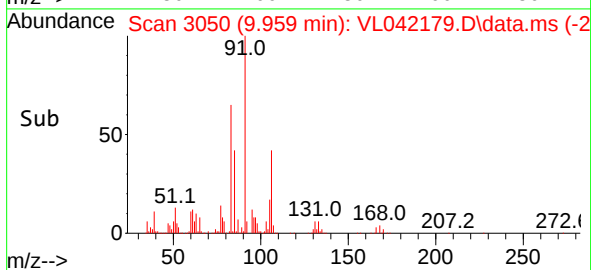
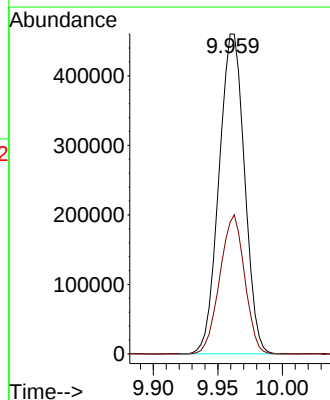
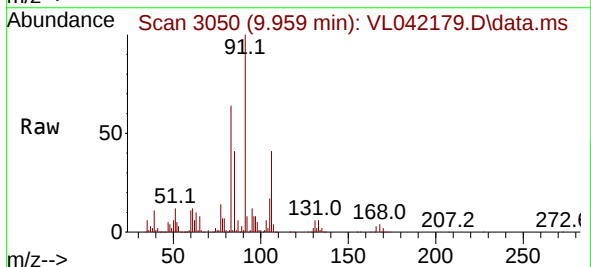
Instrument : MSVOA_1
ClientSampleId : ICVVL032725

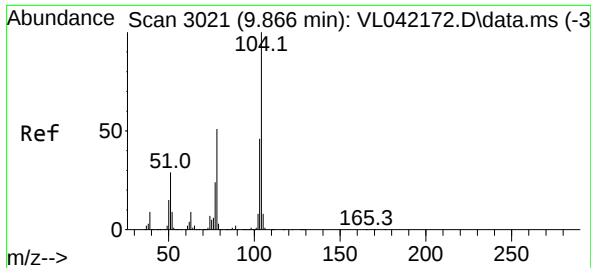
Tgt Ion: 91 Resp: 583773
Ion Ratio Lower Upper
91 100
106 97.9 36.4 54.6#



#60
o-Xylene
Concen: 9.404 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 91 Resp: 632918
Ion Ratio Lower Upper
91 100
106 42.2 20.8 62.5

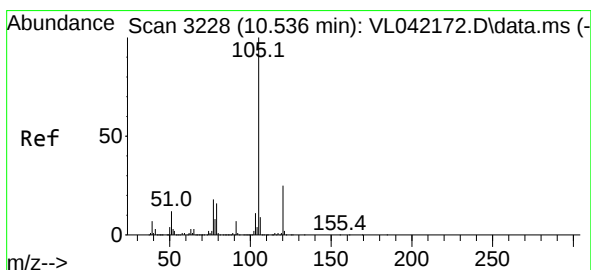
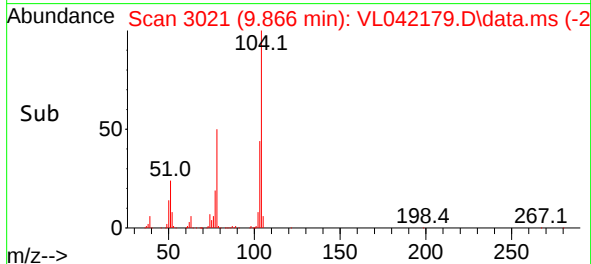
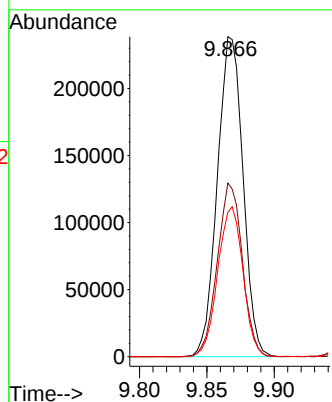
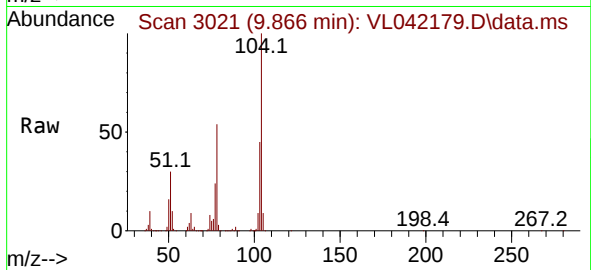




#61
Styrene
Concen: 9.488 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

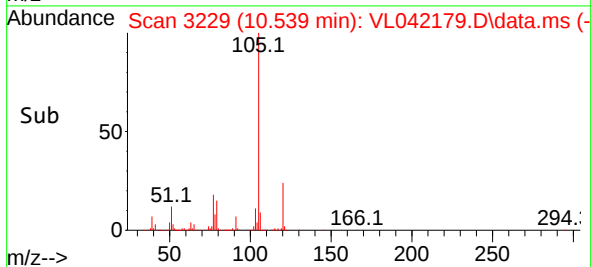
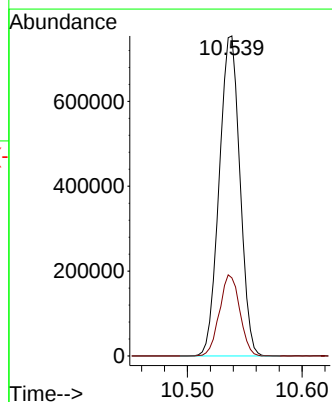
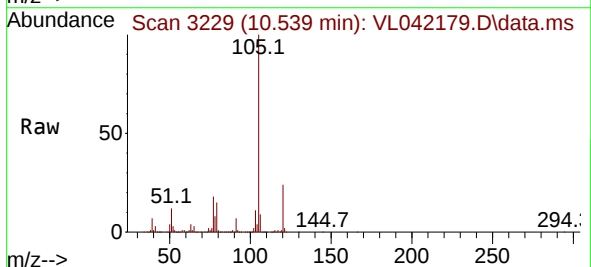
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

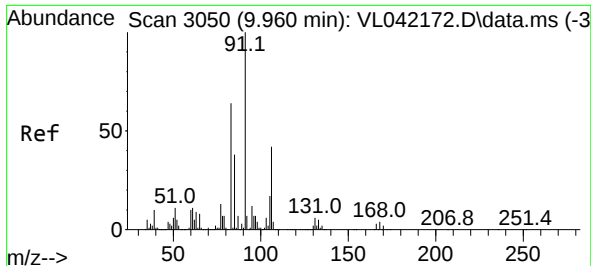
Tgt Ion:104 Resp: 315910
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.6
103 46.3 37.0 55.4



#62
Isopropylbenzene
Concen: 9.388 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion:105 Resp: 944938
Ion Ratio Lower Upper
105 100
120 24.9 19.9 29.9

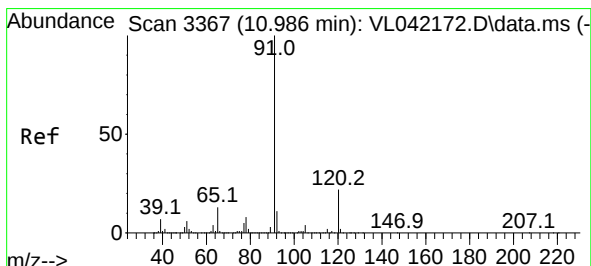
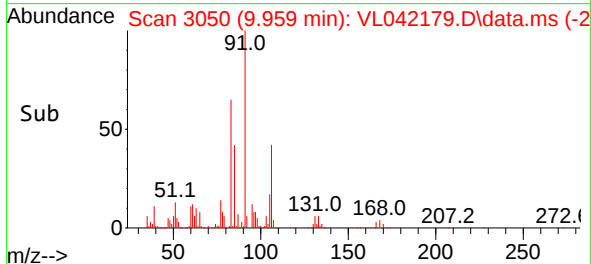
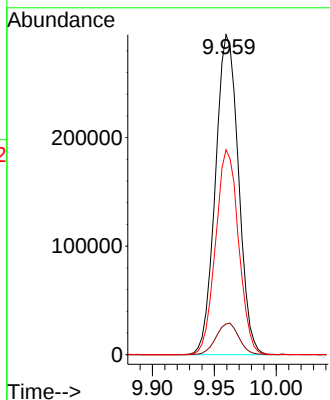
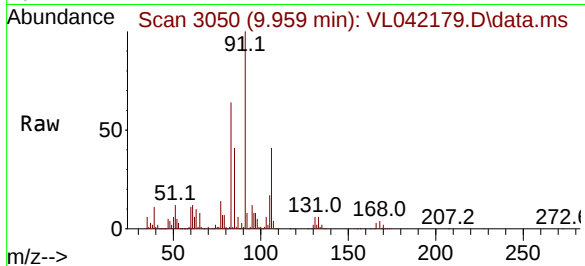




#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.357 ppbv
 RT: 9.959 min Scan# 3050
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

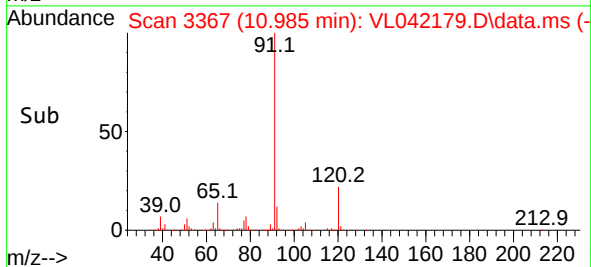
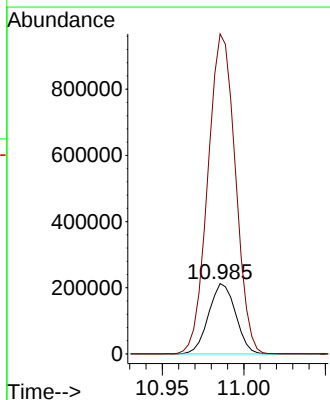
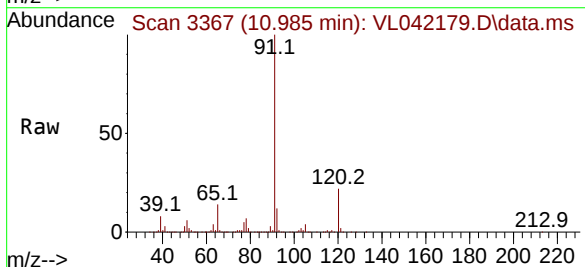
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

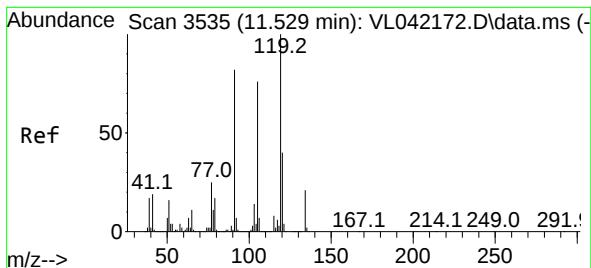
Tgt Ion: 83 Resp: 382635
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 63.9 32.5 97.5



#64
 n-propylbenzene
 Concen: 9.439 ppbv
 RT: 10.985 min Scan# 3367
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 120 Resp: 244547
 Ion Ratio Lower Upper
 120 100
 91 465.9 376.9 565.3





#65

tert-Butylbenzene

Concen: 9.065 ppbv

RT: 11.529 min Scan# 3535

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

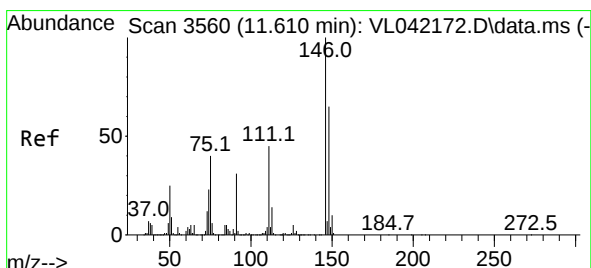
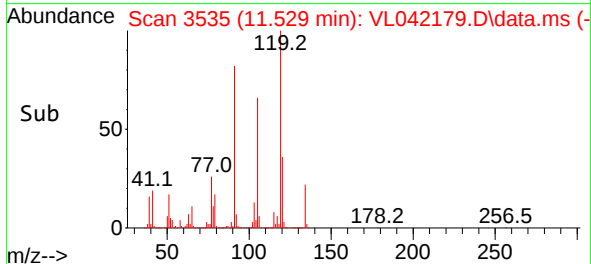
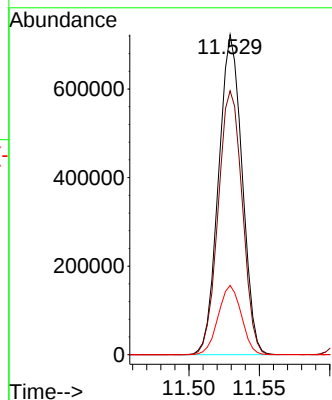
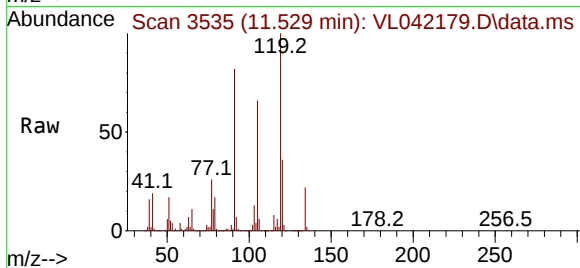
Tgt Ion:119 Resp: 843828

Ion Ratio Lower Upper

119 100

91 84.3 66.0 99.0

134 21.2 16.7 25.1



#66

Benzyl Chloride

Concen: 8.789 ppbv

RT: 11.613 min Scan# 3561

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

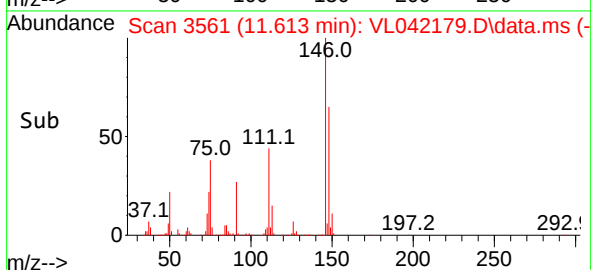
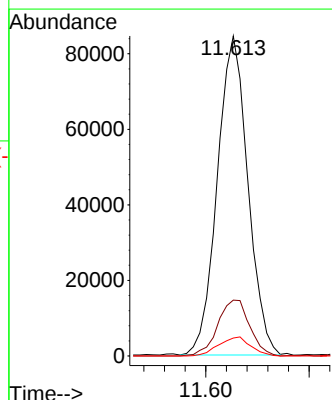
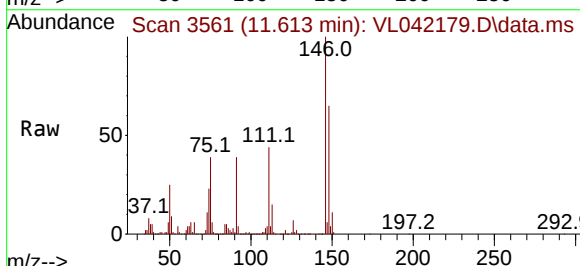
Tgt Ion: 91 Resp: 86804

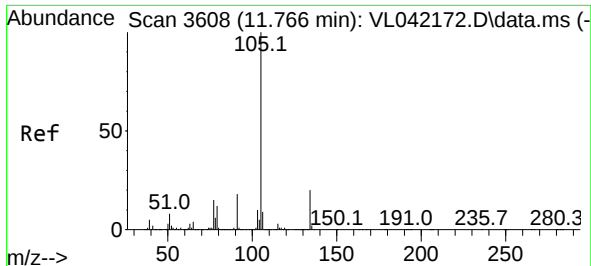
Ion Ratio Lower Upper

91 100

126 18.5 13.8 20.6

128 6.2 4.5 6.7

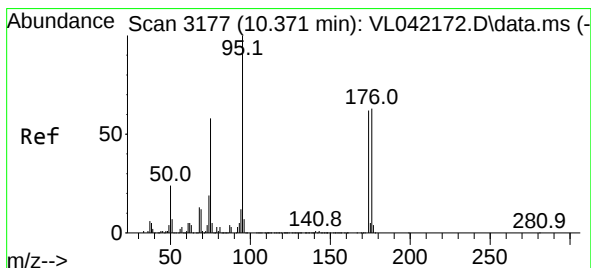
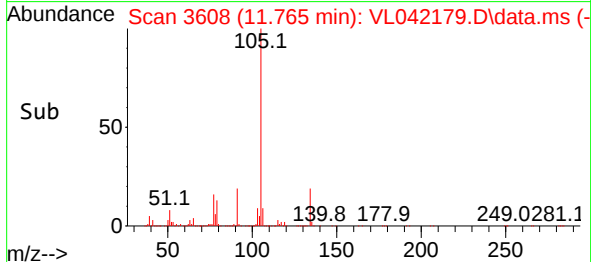
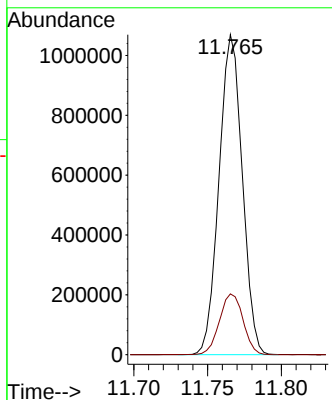
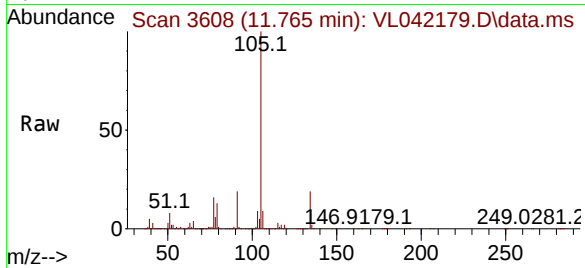




#67
 sec-Butylbenzene
 Concen: 9.063 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

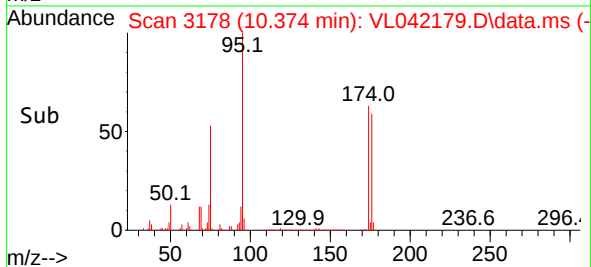
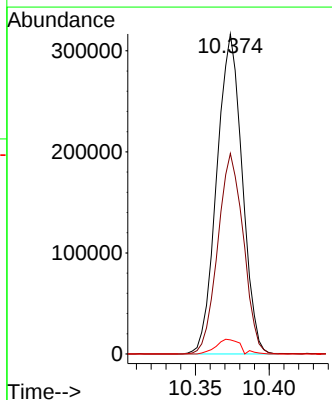
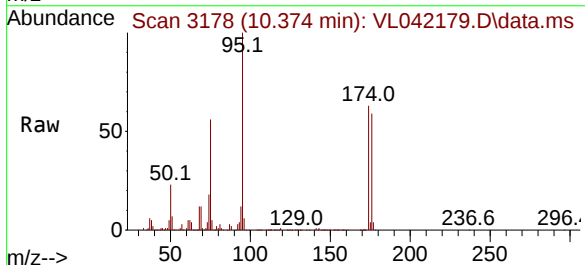
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

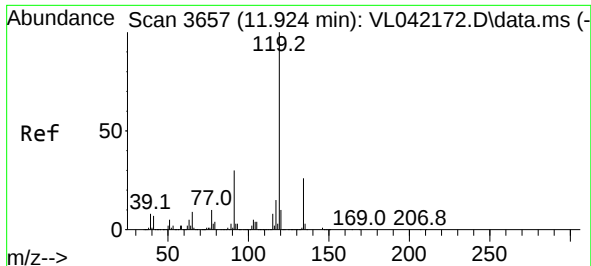
Tgt Ion:105 Resp: 1172636
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.774 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.003 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Tgt Ion: 95 Resp: 379929
 Ion Ratio Lower Upper
 95 100
 174 63.0 50.6 76.0
 175 4.4 3.8 5.6

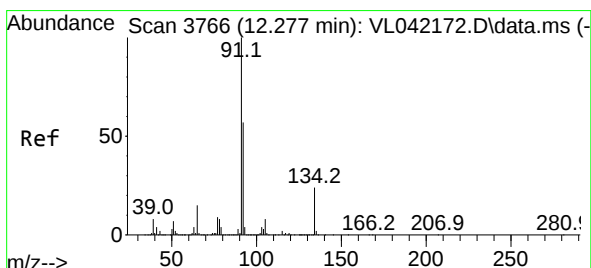
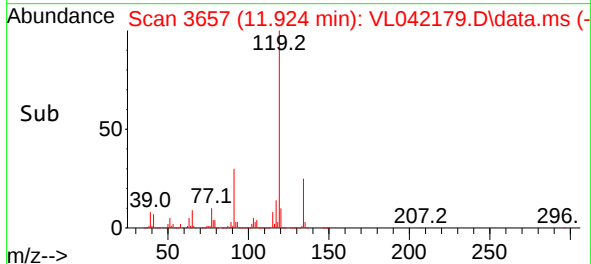
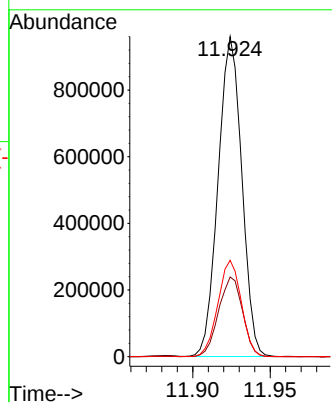
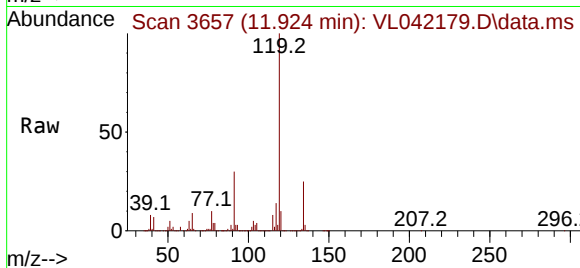




#69
p-Isopropyltoluene
Concen: 9.153 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

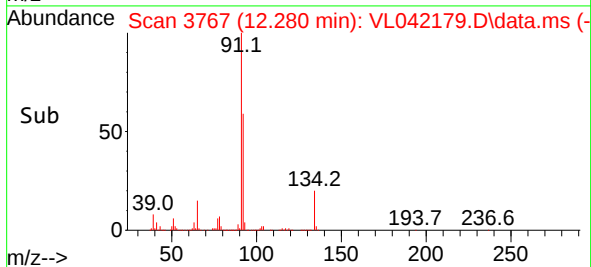
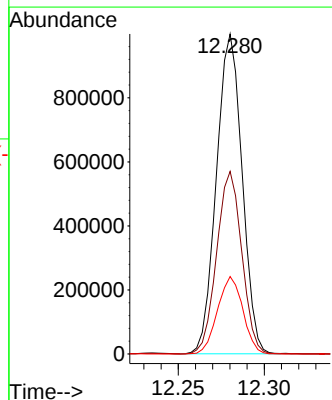
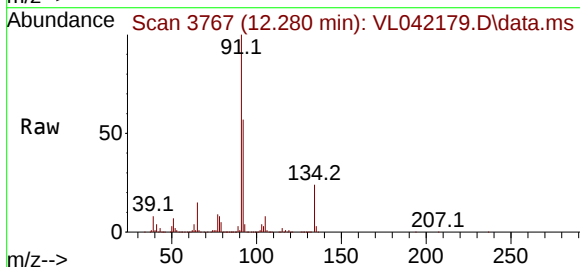
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

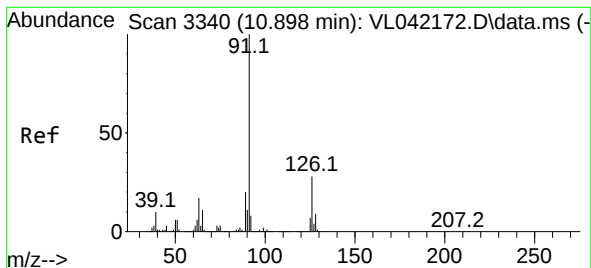
Tgt Ion:119 Resp: 1019694
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 29.9 23.7 35.5



#70
n-Butylbenzene
Concen: 9.115 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 91 Resp: 1038548
Ion Ratio Lower Upper
91 100
92 56.0 44.9 67.3
134 23.8 19.2 28.8

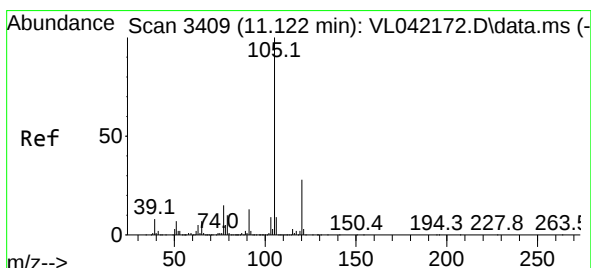
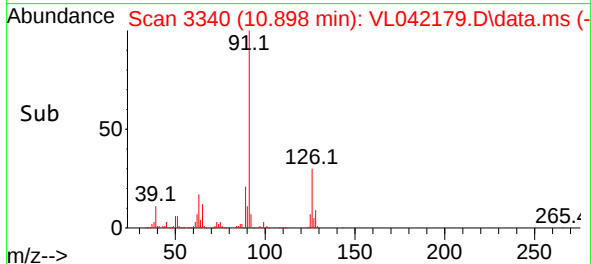
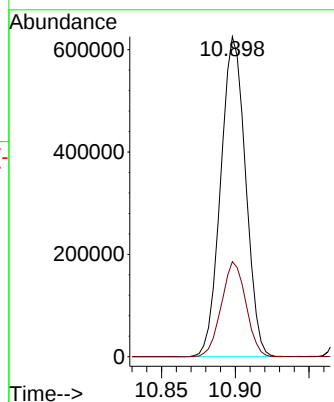
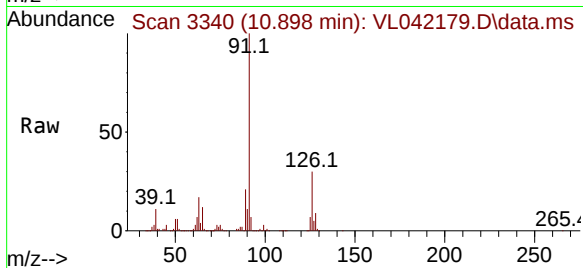




#71
2-Chlorotoluene
Concen: 9.382 ppbv
RT: 10.898 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

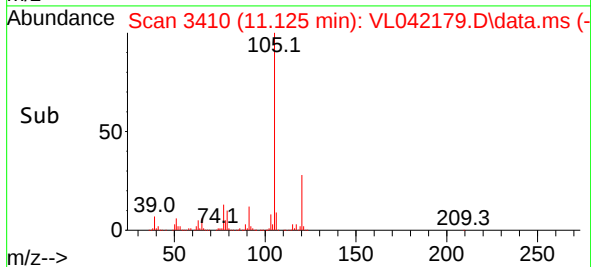
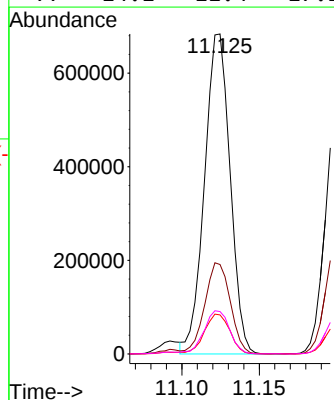
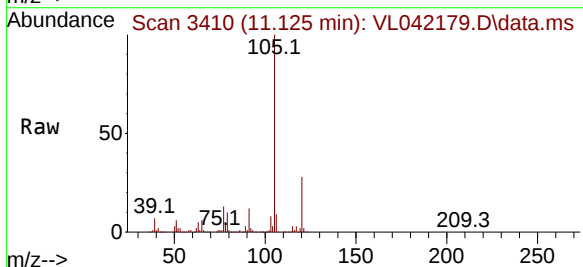
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032725

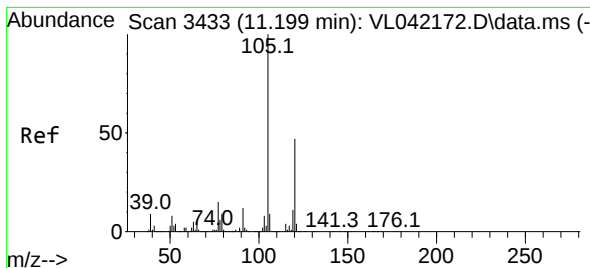
Tgt Ion: 91 Resp: 732874
Ion Ratio Lower Upper
91 100
126 29.2 11.6 46.4



#72
4-Ethyltoluene
Concen: 9.370 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042179.D
Acq: 27 Mar 2025 12:23

Tgt Ion: 105 Resp: 785185
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 12.9 10.3 15.5
77 14.1 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 9.203 ppbv

RT: 11.202 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

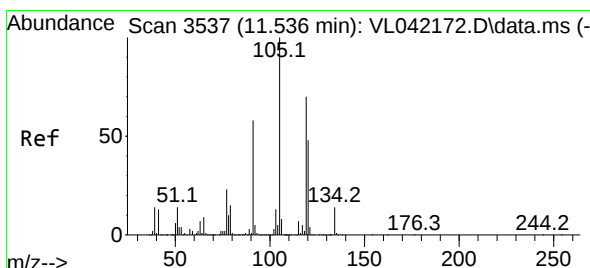
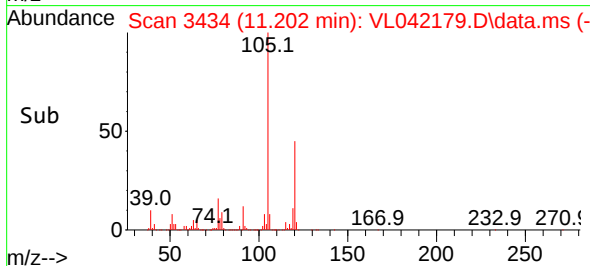
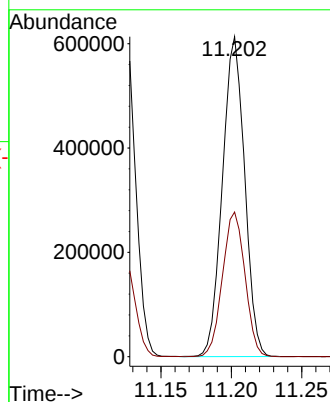
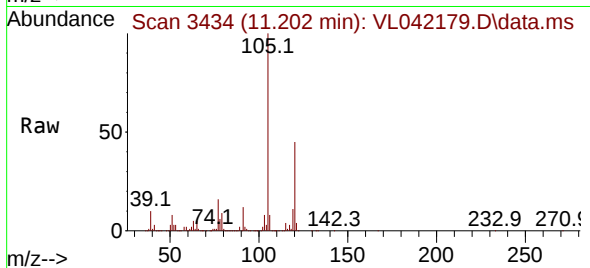
ICVVL032725

Tgt Ion:105 Resp: 673541

Ion Ratio Lower Upper

105 100

120 45.2 37.4 56.0



#74

1,2,4-Trimethylbenzene

Concen: 8.648 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Tgt Ion:105 Resp: 729155

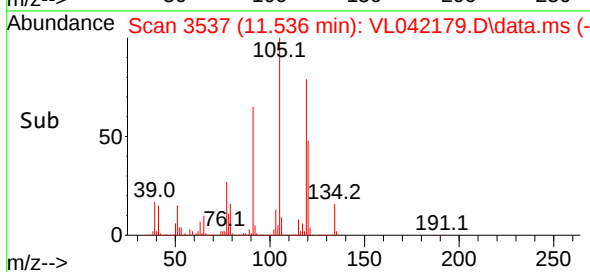
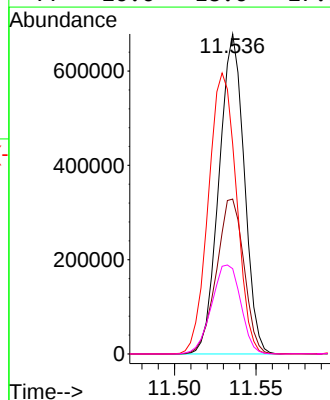
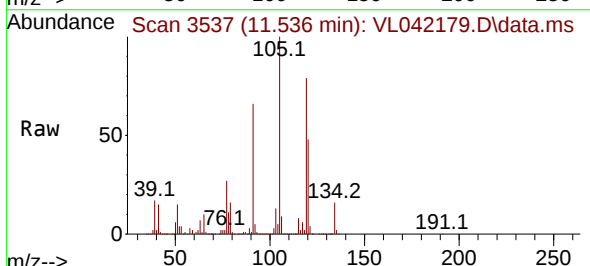
Ion Ratio Lower Upper

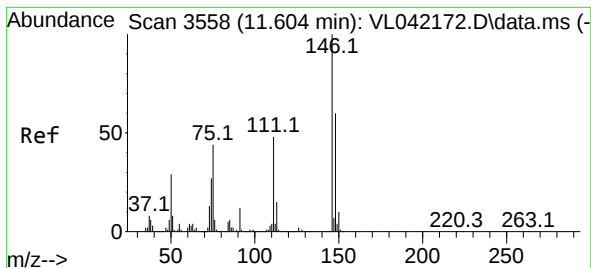
105 100

120 48.4 38.6 58.0

91 65.6 46.2 69.2

77 26.6 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 9.224 ppbv

RT: 11.607 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

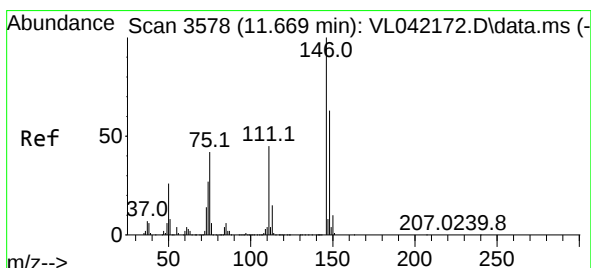
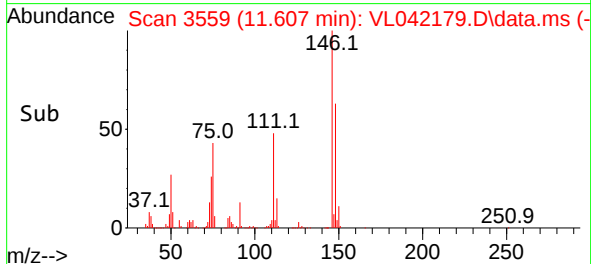
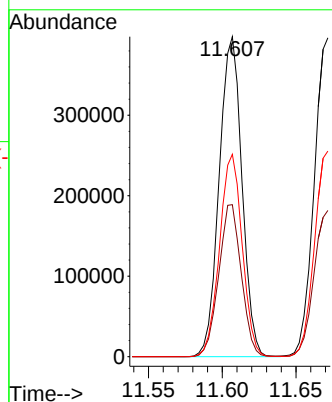
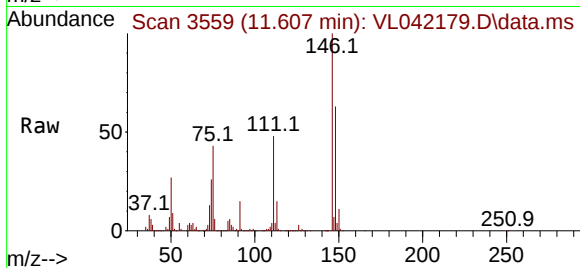
Tgt Ion:146 Resp: 426573

Ion Ratio Lower Upper

146 100

111 47.2 23.8 71.2

148 62.9 31.9 95.9



#76

1,4-Dichlorobenzene

Concen: 9.263 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

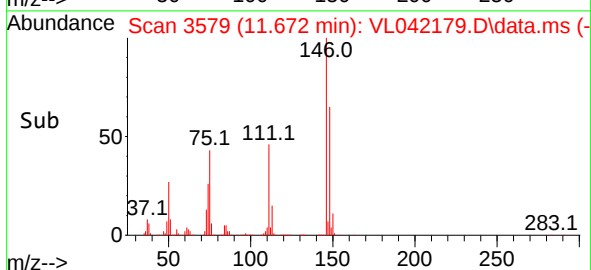
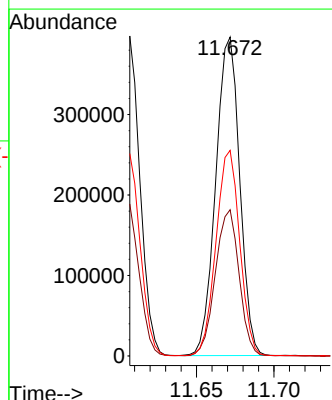
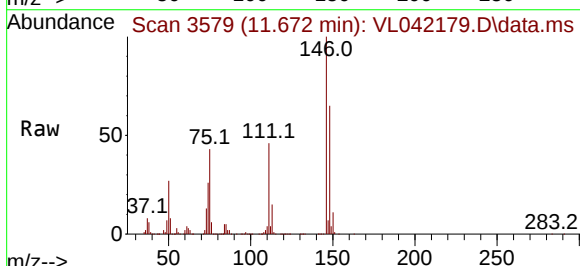
Tgt Ion:146 Resp: 426318

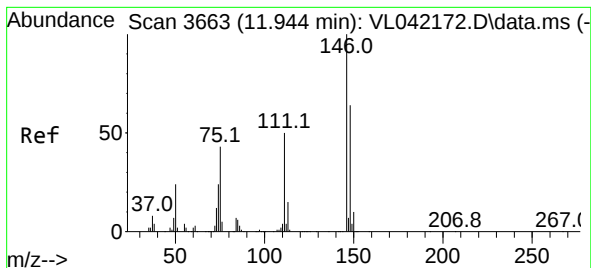
Ion Ratio Lower Upper

146 100

111 45.6 23.0 69.0

148 64.1 31.9 95.7





#77

1,2-Dichlorobenzene

Concen: 9.154 ppbv

RT: 11.947 min Scan# 3

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_1

ClientSampleId :

ICVVL032725

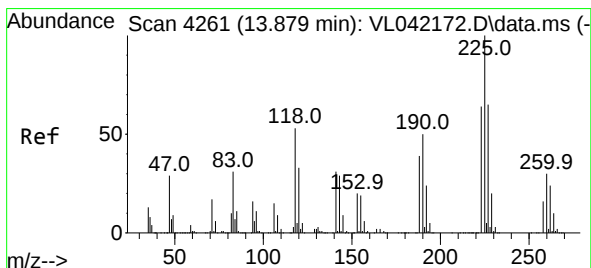
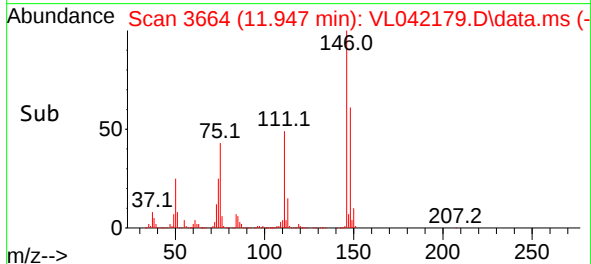
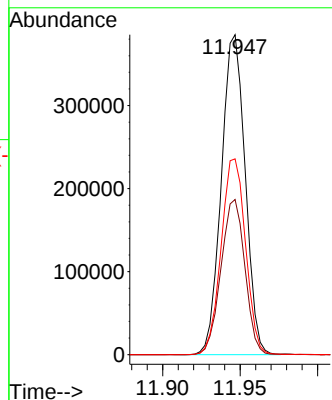
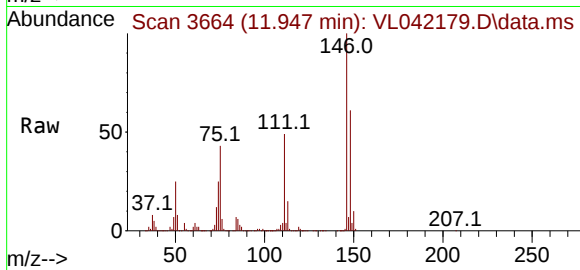
Tgt Ion:146 Resp: 412180

Ion Ratio Lower Upper

146 100

111 48.8 24.8 74.3

148 62.8 31.6 94.8



#78

Hexachloro-1,3-Butadiene

Concen: 7.776 ppbv

RT: 13.882 min Scan# 4262

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

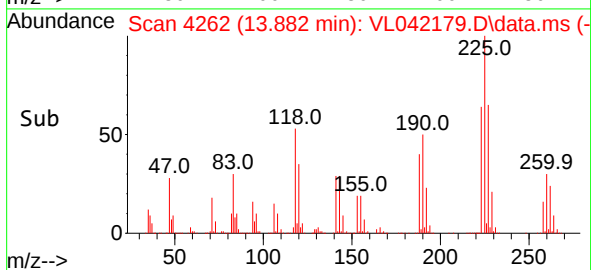
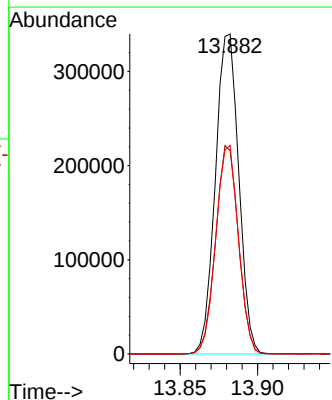
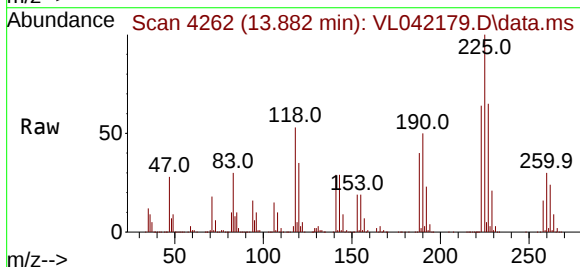
Tgt Ion:225 Resp: 356386

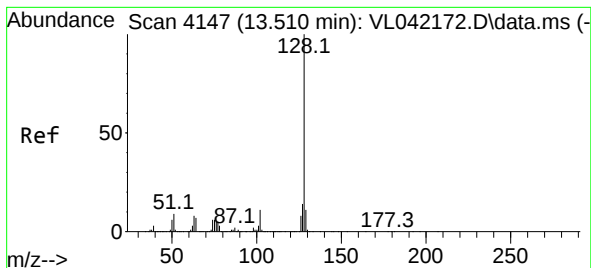
Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

227 63.4 51.2 76.8





#79

Naphthalene

Concen: 8.385 ppbv

RT: 13.513 min Scan# 4147

Delta R.T. 0.003 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032725

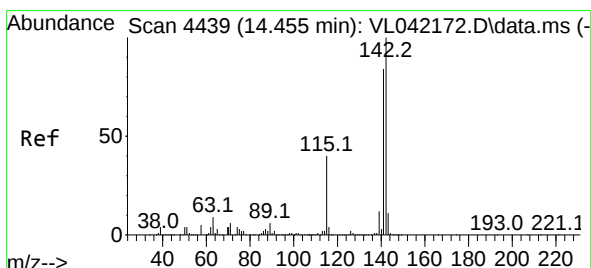
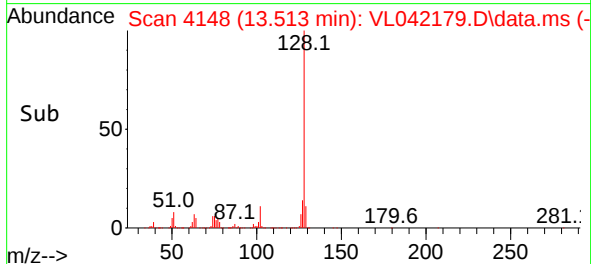
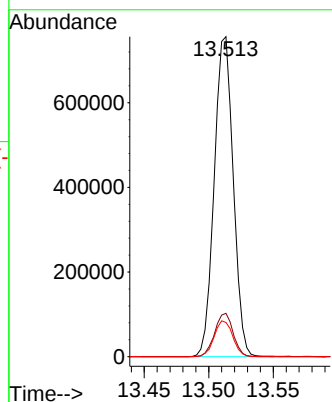
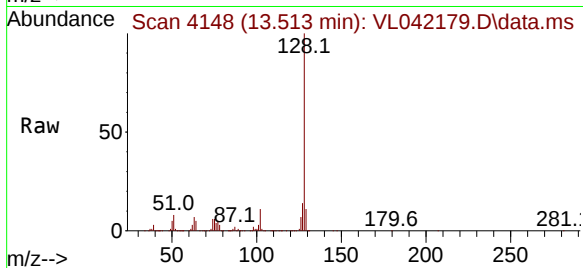
Tgt Ion:128 Resp: 773311

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 10.7 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 7.151 ppbv

RT: 14.455 min Scan# 4439

Delta R.T. -0.000 min

Lab File: VL042179.D

Acq: 27 Mar 2025 12:23

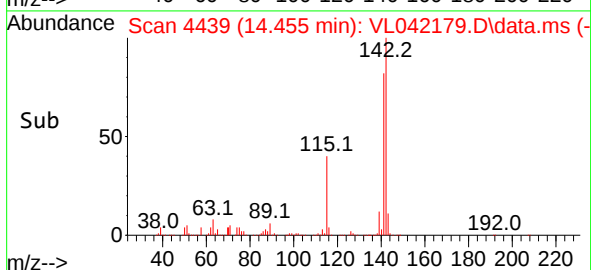
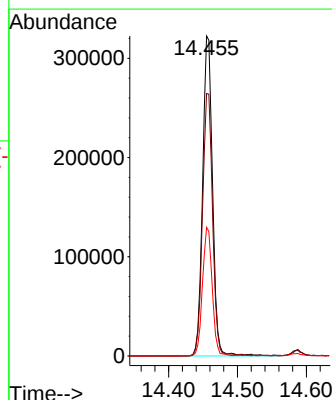
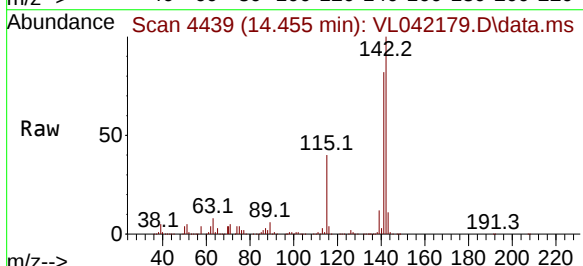
Tgt Ion:142 Resp: 323443

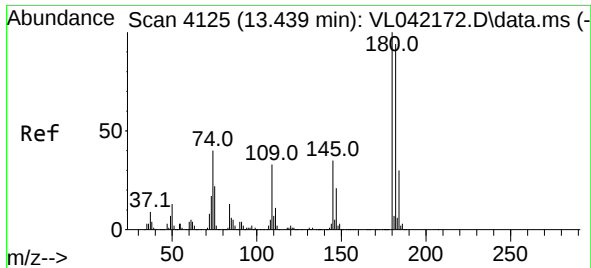
Ion Ratio Lower Upper

142 100

141 83.5 66.3 99.5

115 39.8 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 8.553 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042179.D
 Acq: 27 Mar 2025 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032725

Tgt Ion:180 Resp: 363863

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.1	112.7
184	30.1	24.4	36.6

