

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
 Data File : VL043032.D
 Acq On : 02 Oct 2025 10:23
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Oct 03 08:01:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 07:59:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.774	49	175694	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	523534	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	448396	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	329578	10.203	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	278856	9.417	ppbv	100
3) Chlorodifluoromethane	1.473	51	268344	9.368	ppbv	100
4) Chloromethane	1.528	50	101430	9.378	ppbv	100
5) Vinyl Chloride	1.576	62	94623	9.218	ppbv	100
6) Bromomethane	1.664	94	43581	9.448	ppbv	100
7) Chloroethane	1.699	64	39123	9.134	ppbv	100
8) Dichlorotetrafluoroethane	1.551	85	228586	9.421	ppbv	100
9) Propene	1.479	41	111264	9.633	ppbv	100
10) Heptane	4.956	43	309134	10.867	ppbv	100
11) Trichlorofluoromethane	1.871	101	284734	9.357	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.130	101	225532	9.410	ppbv	100
13) Ethanol	1.716	45	4785	10.163	ppbv	100
14) Bromoethene	1.777	108	82329	9.582	ppbv	100
15) Acetone	1.829	43	200896	8.166	ppbv	100
16) 1,3-Butadiene	1.606	39	94239	9.292	ppbv	100
17) tert-Butyl alcohol	2.033	59	241909	9.297	ppbv	100
18) 1,1-Dichloroethene	2.026	96	101035	9.617	ppbv	100
19) Isopropyl Alcohol	1.877	45	105917	8.986	ppbv	100
20) Methylene Chloride	2.052	84	86085	8.017	ppbv	100
21) Allyl Chloride	2.088	41	148094	9.397	ppbv	100
22) trans-1,2-Dichloroethene	2.331	96	111481	9.346	ppbv	100
23) Vinyl Acetate	2.450	43	42908	8.216	ppbv	100
24) 1,1-Dichloroethane	2.399	63	211973	9.375	ppbv	100
25) Ethyl Acetate	2.819	43	618469	10.022	ppbv	100
26) Hexane	2.813	57	246127	10.368	ppbv	100
27) Carbon Disulfide	2.143	76	267294	9.537	ppbv	100
28) Methyl tert-Butyl Ether	2.428	73	144534	9.729	ppbv	100
29) Chloroform	2.836	83	387615	9.577	ppbv	100
30) Cyclohexane	3.839	84	209266	10.728	ppbv	100
31) cis-1,2-Dichloroethene	2.709	61	246505	10.101	ppbv	100
32) 1,1,1-Trichloroethane	3.353	97	381212	9.691	ppbv	100
34) 2-Butanone	2.544	43	342678	9.647	ppbv	100
35) Carbon Tetrachloride	3.745	117	398481	9.251	ppbv	100
36) Benzene	3.638	78	504680	10.090	ppbv	100
37) 1,2-Dichloroethane	3.201	62	286590	9.674	ppbv	100
38) Trichloroethene	4.525	130	214186	10.277	ppbv	100
39) 1,2-Dichloropropane	4.292	63	182987	9.870	ppbv	100
40) 1,4-Dioxane	4.554	88	82195	10.324	ppbv #	98
41) Tetrahydrofuran	3.036	42	196992	10.730	ppbv	100
42) Bromodichloromethane	4.467	83	412493	9.861	ppbv	100
43) Methyl Methacrylate	4.852	69	184960	11.139	ppbv	100
44) 2,2,4-Trimethylpentane	4.616	57	834185	10.393	ppbv	100
45) t-1,3-Dichloropropene	6.386	75	164433	10.931	ppbv	100

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Quant Time: Oct 03 08:01:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 07:59:23 2025
 Response via : Initial Calibration

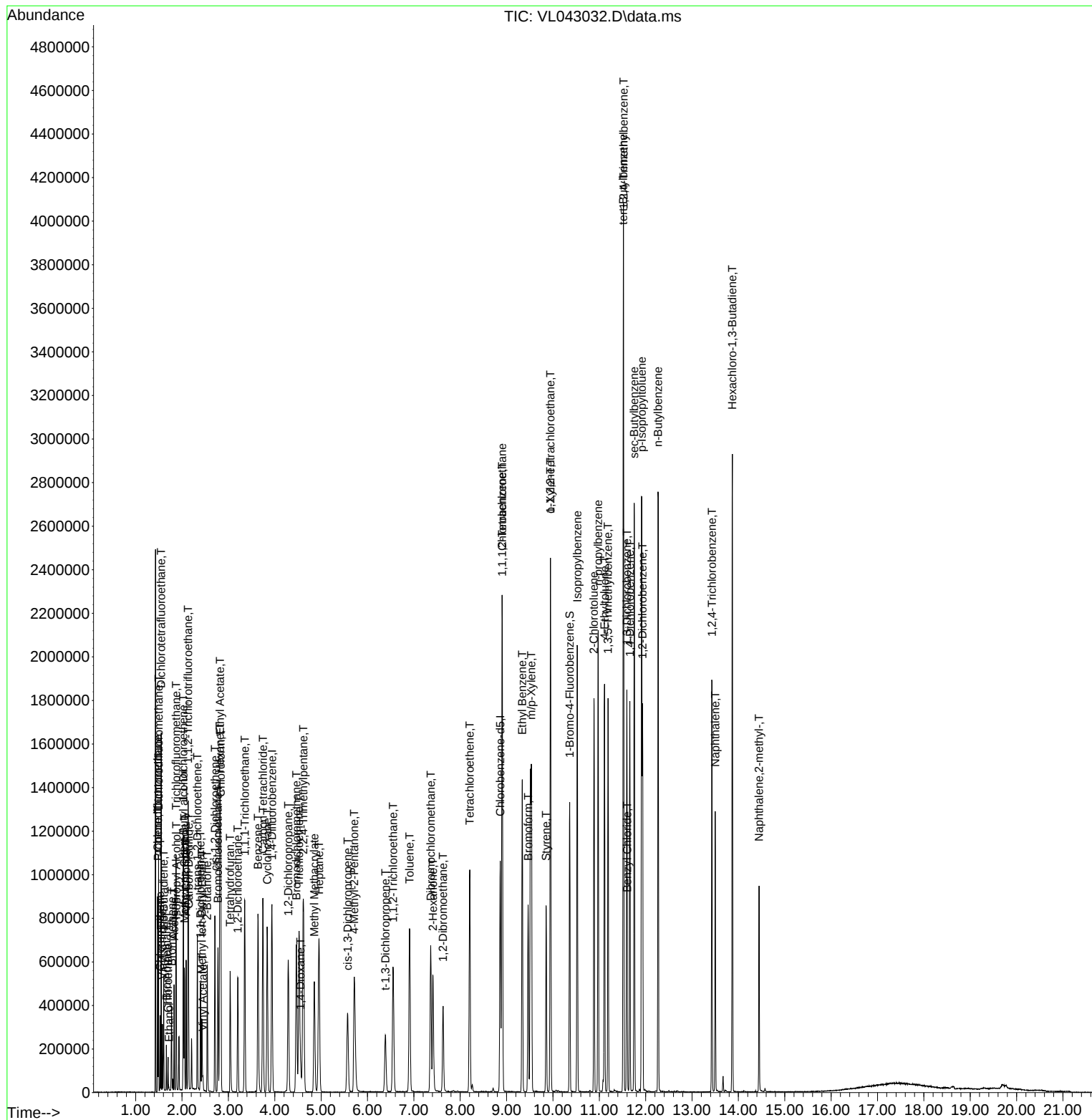
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.574	75	230231	10.772	ppbv	100
47) 1,1,2-Trichloroethane	6.551	97	196990	9.552	ppbv	100
48) Dibromochloromethane	7.364	129	345945	10.278	ppbv	100
49) Bromoform	9.464	173	292987	10.423	ppbv	100
50) 4-Methyl-2-Pentanone	5.713	43	476242	10.994	ppbv	100
51) 2-Hexanone	7.412	43	362983	11.817	ppbv	100
52) Tetrachloroethene	8.205	164	180664	9.693	ppbv	100
53) Toluene	6.907	91	568843	11.265	ppbv	100
54) 1,2-Dibromoethane	7.629	107	251974	10.309	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.907	131	264925	9.693	ppbv	100
57) Chlorobenzene	8.904	112	455049	9.600	ppbv	100
58) Ethyl Benzene	9.338	91	788510	11.351	ppbv	100
59) m/p-Xylene	9.532	91	576034	9.828	ppbv #	13
60) o-Xylene	9.946	91	645403	11.058	ppbv	100
61) Styrene	9.853	104	298597	12.212	ppbv	100
62) Isopropylbenzene	10.526	105	960158	10.716	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.946	83	390289	9.278	ppbv	100
64) n-propylbenzene	10.976	120	252073	10.998	ppbv	99
65) tert-Butylbenzene	11.516	119	864475	10.841	ppbv	100
66) Benzyl Chloride	11.604	91	30823	9.975	ppbv	100
67) sec-Butylbenzene	11.752	105	1189296	10.688	ppbv	100
69) p-Isopropyltoluene	11.914	119	1008951	11.146	ppbv	100
70) n-Butylbenzene	12.267	91	996449	11.433	ppbv	100
71) 2-Chlorotoluene	10.885	91	709807	10.946	ppbv	100
72) 4-Ethyltoluene	11.112	105	785118	11.302	ppbv	100
73) 1,3,5-Trimethylbenzene	11.189	105	659038	10.966	ppbv	100
74) 1,2,4-Trimethylbenzene	11.523	105	732252	10.796	ppbv	100
75) 1,3-Dichlorobenzene	11.594	146	437848	9.925	ppbv	100
76) 1,4-Dichlorobenzene	11.659	146	433712	10.311	ppbv	100
77) 1,2-Dichlorobenzene	11.934	146	417019	9.491	ppbv	100
78) Hexachloro-1,3-Butadiene	13.869	225	289398	9.452	ppbv	100
79) Naphthalene	13.500	128	577659	10.038	ppbv	100
80) Naphthalene,2-methyl-	14.445	142	254437	9.510	ppbv	100
81) 1,2,4-Trichlorobenzene	13.429	180	312011	11.936	ppbv	100

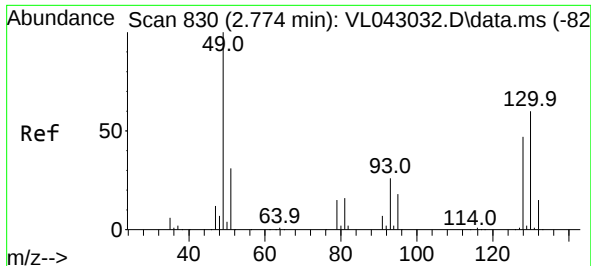
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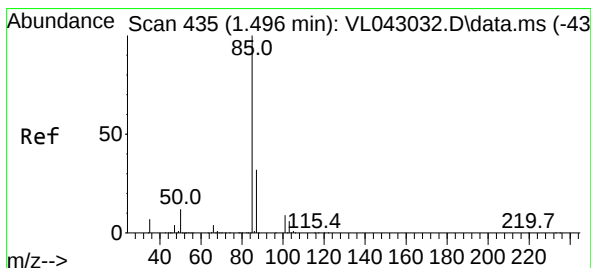
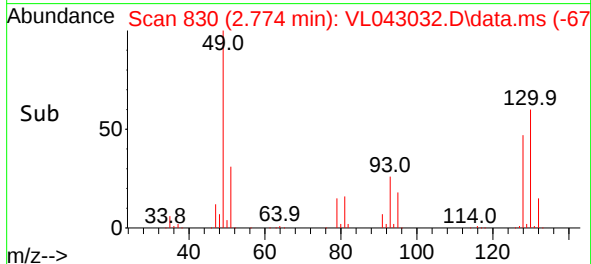
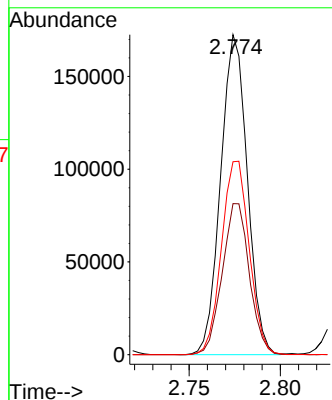
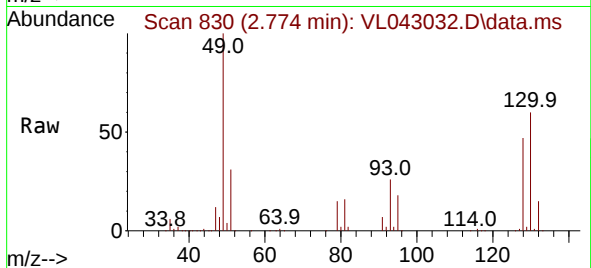




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

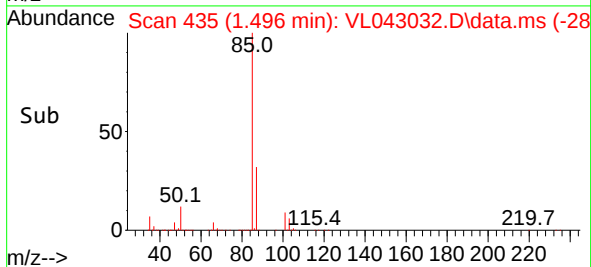
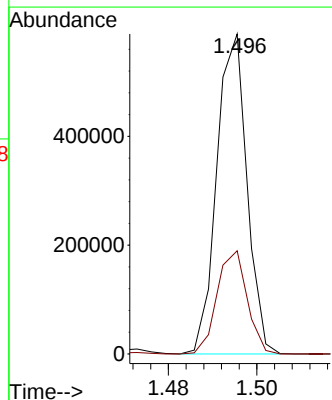
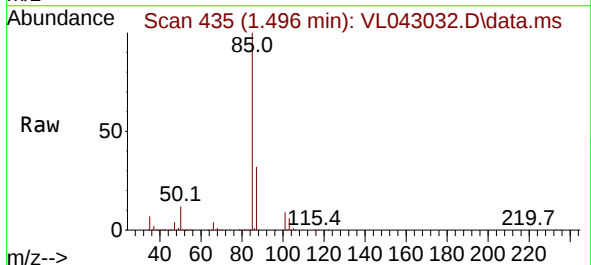
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MSVOA_L
ClientSampleId :
VSTDICCC010

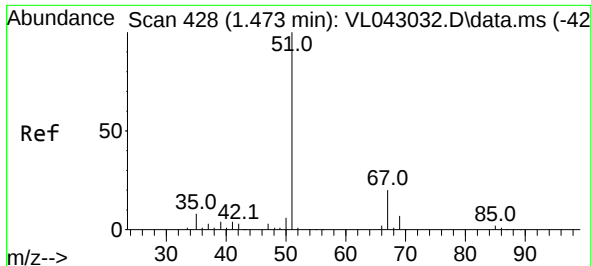
Tgt Ion: 49 Resp: 175694
Ion Ratio Lower Upper
49 100
128 48.1 24.1 72.2
130 62.9 31.4 94.3



#2
Dichlorodifluoromethane
Concen: 9.417 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 85 Resp: 278856
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6

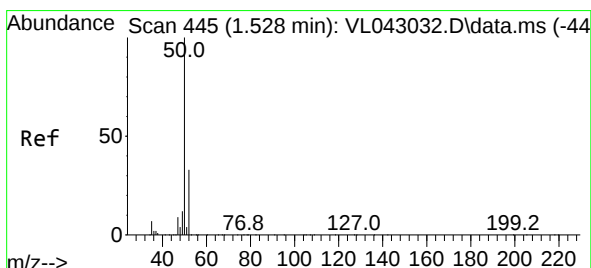
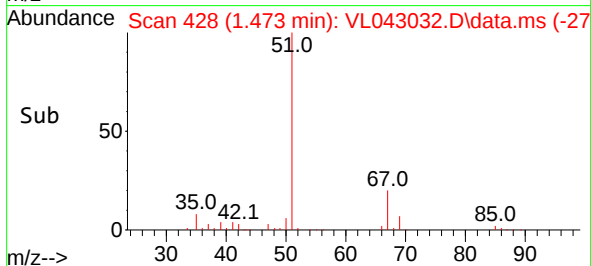
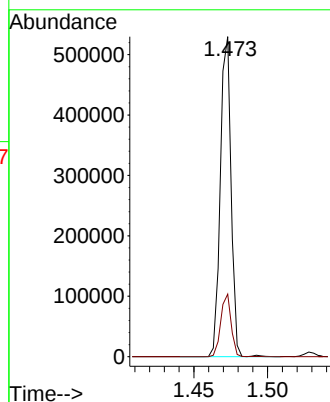
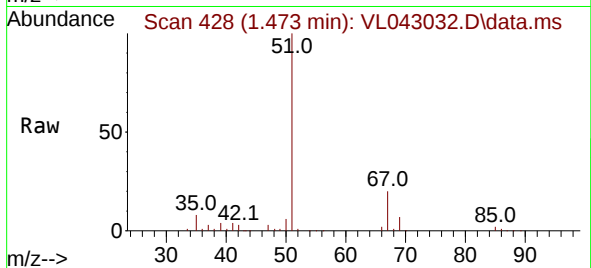




#3
Chlorodifluoromethane
Concen: 9.368 ppbv
RT: 1.473 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

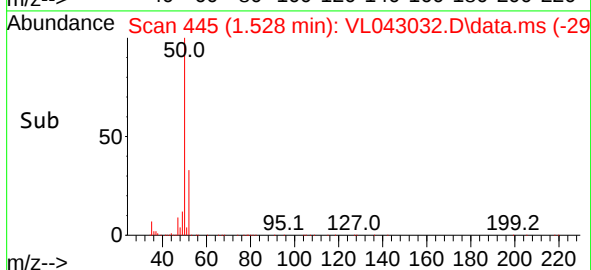
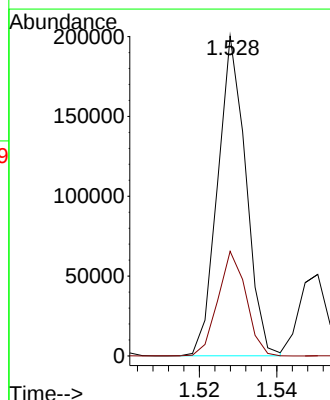
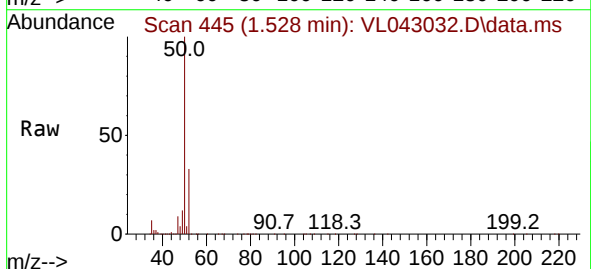
Instrument :
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ClientSampleId :
VSTDICCC010

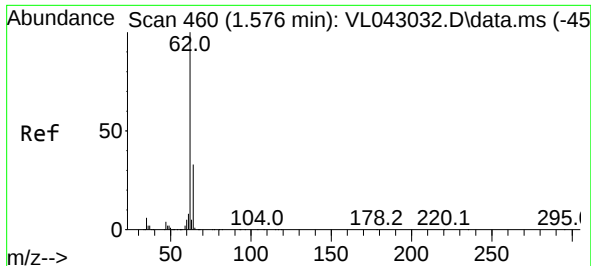
Tgt Ion: 51 Resp: 268344
Ion Ratio Lower Upper
51 100
67 18.9 15.1 22.7



#4
Chloromethane
Concen: 9.378 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 50 Resp: 101430
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2

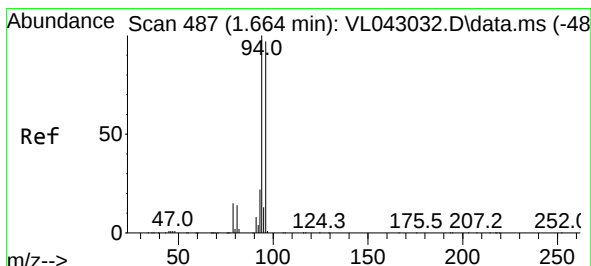
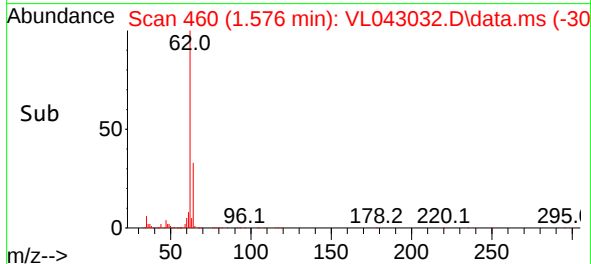
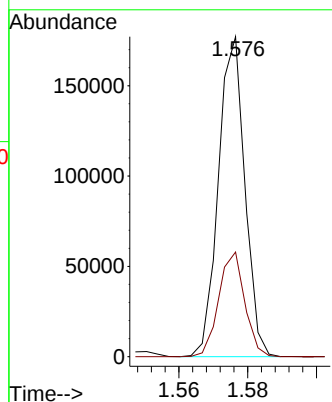
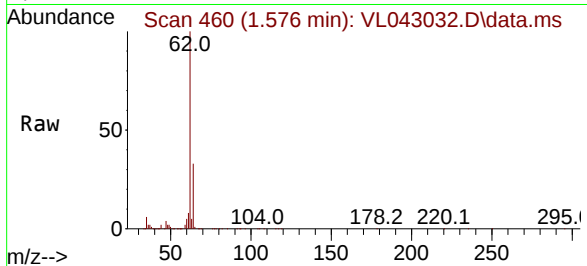




#5
 Vinyl Chloride
 Concen: 9.218 ppbv
 RT: 1.576 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

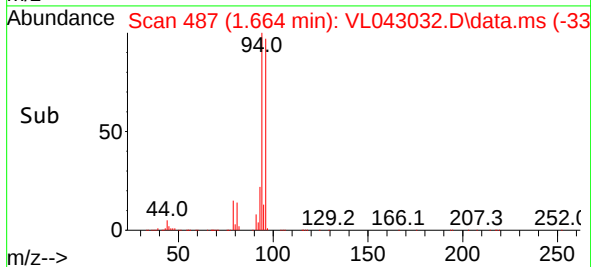
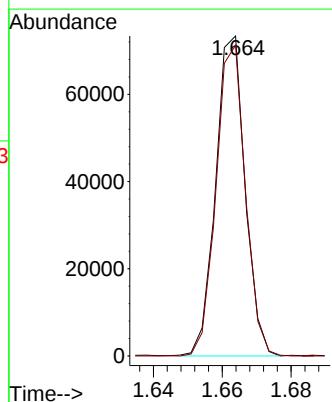
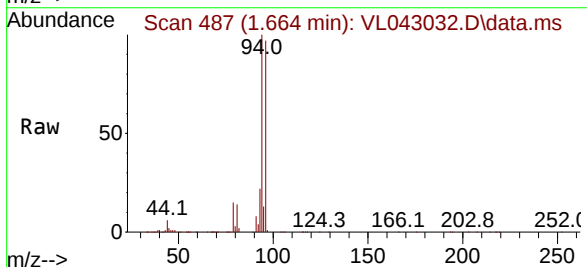
Instrument :
 MSVOA_1
 ClientSampleId :
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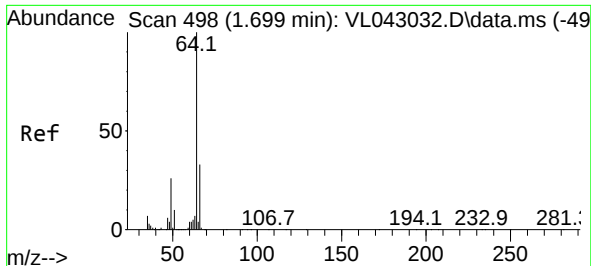
Tgt Ion: 62 Resp: 94623
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.2 39.2



#6
 Bromomethane
 Concen: 9.448 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion: 94 Resp: 43581
 Ion Ratio Lower Upper
 94 100
 96 97.0 77.6 116.4

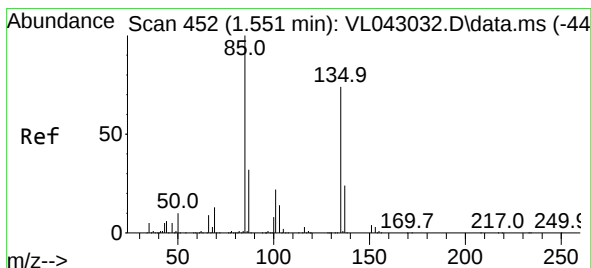
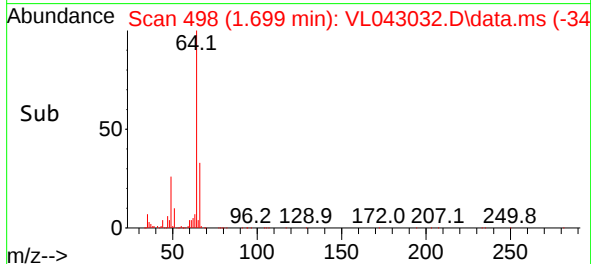
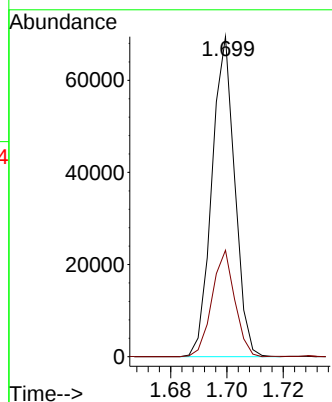
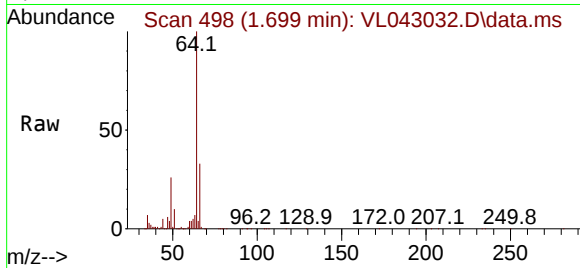




#7
Chloroethane
Concen: 9.134 ppbv
RT: 1.699 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

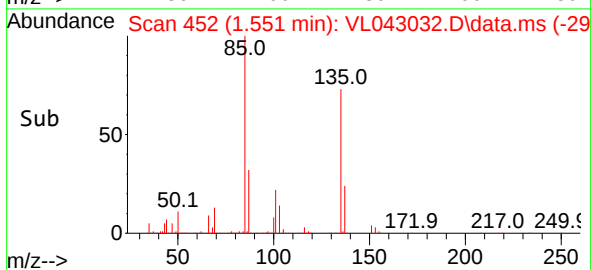
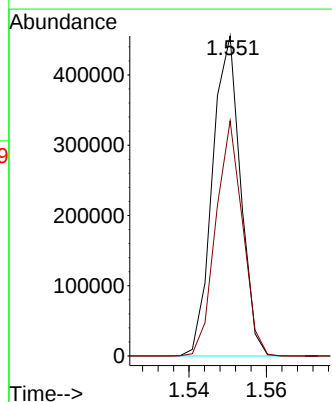
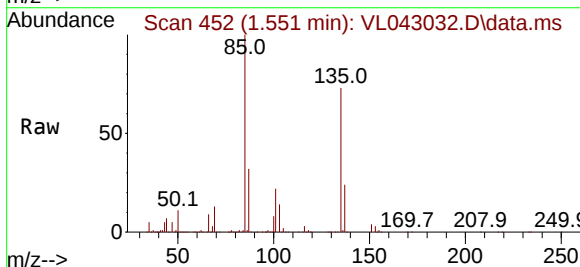
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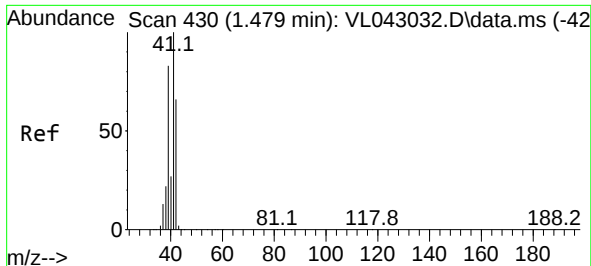
Tgt Ion: 64 Resp: 39123
Ion Ratio Lower Upper
64 100
66 33.2 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 9.421 ppbv
RT: 1.551 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 85 Resp: 228586
Ion Ratio Lower Upper
85 100
135 70.4 56.3 84.5





#9

Propene

Concen: 9.633 ppbv

RT: 1.479 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

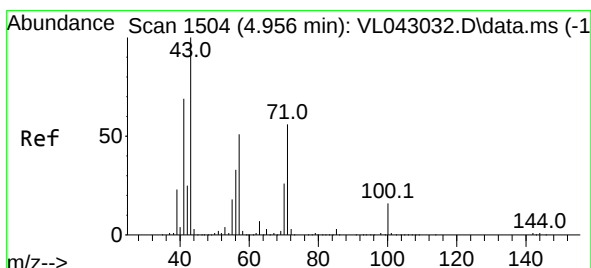
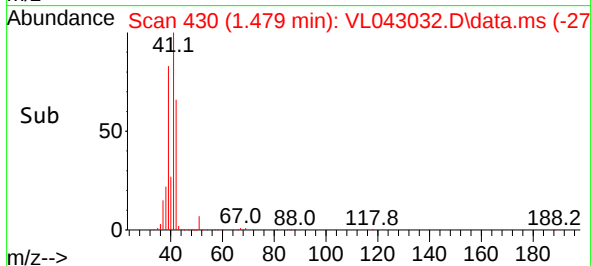
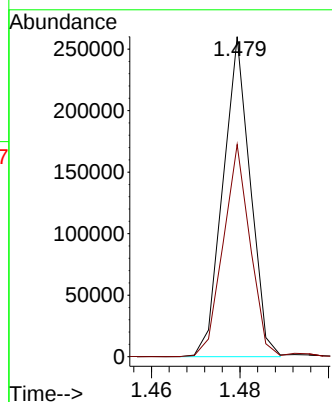
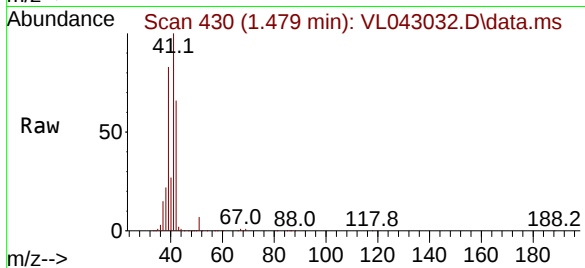
VSTDICCC010

Tgt Ion: 41 Resp: 111264

Ion Ratio Lower Upper

41 100

42 66.6 53.3 79.9



#10

Heptane

Concen: 10.867 ppbv

RT: 4.956 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VL043032.D

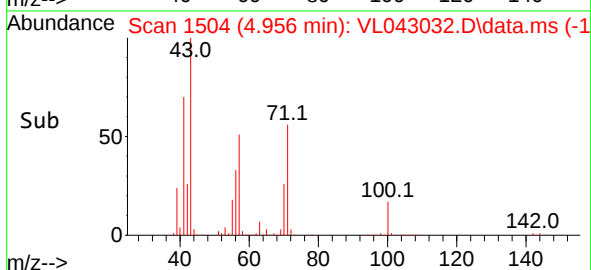
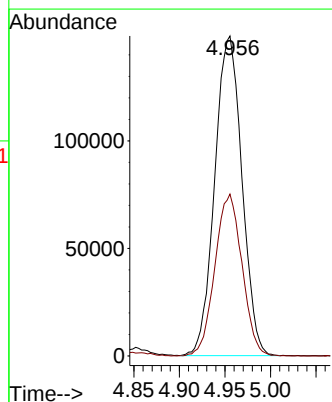
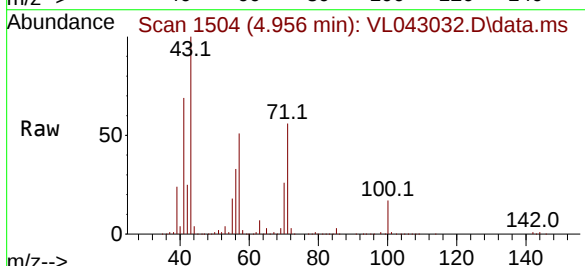
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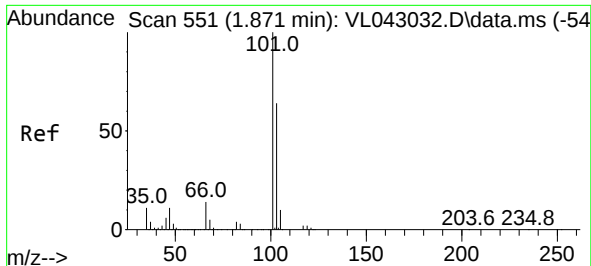
Tgt Ion: 43 Resp: 309134

Ion Ratio Lower Upper

43 100

57 50.4 40.3 60.5

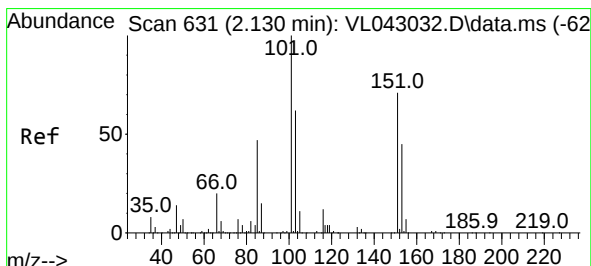
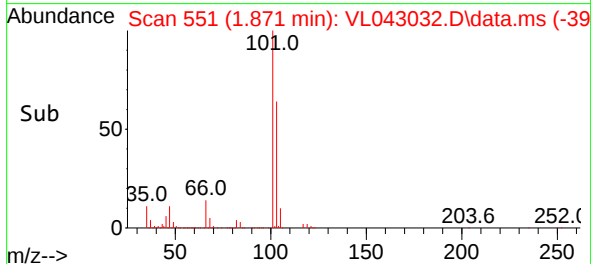
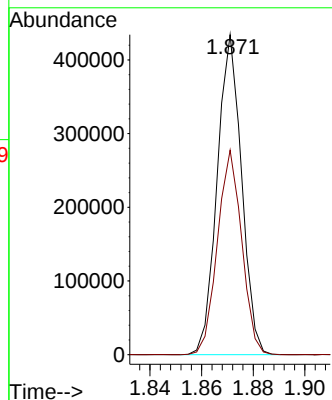
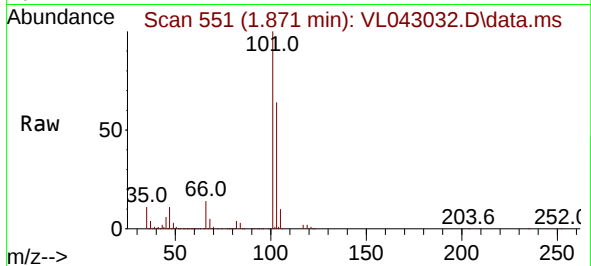




#11
 Trichlorofluoromethane
 Concen: 9.357 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

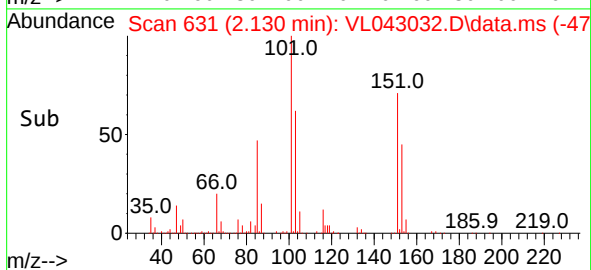
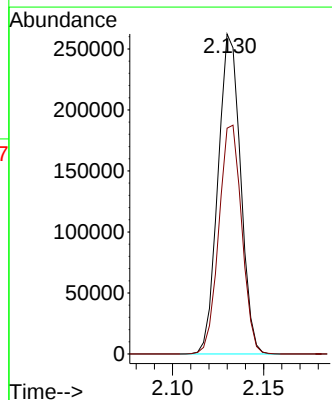
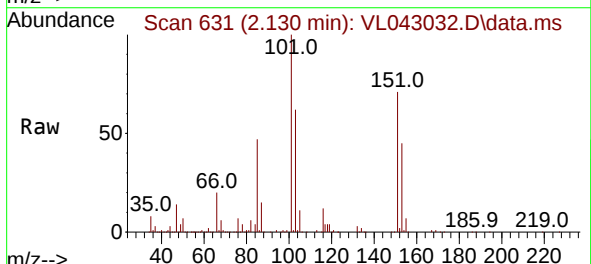
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

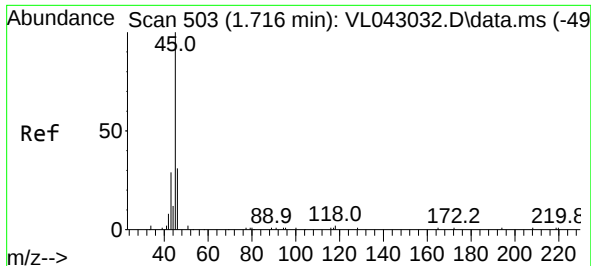
Tgt Ion:101 Resp: 284734
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.410 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion:101 Resp: 225532
 Ion Ratio Lower Upper
 101 100
 151 72.6 58.1 87.1

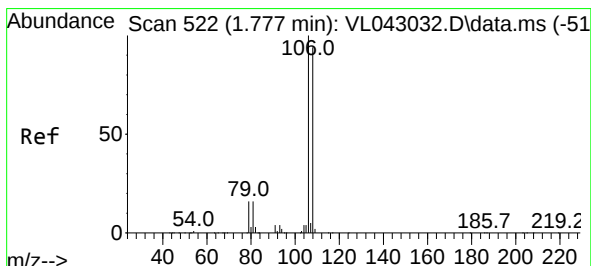
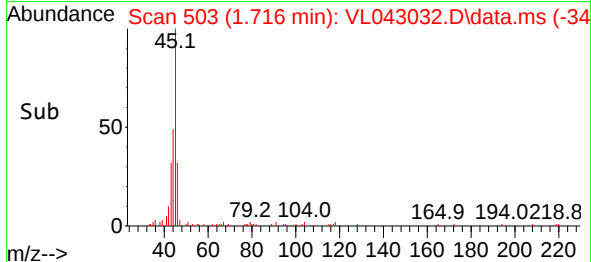
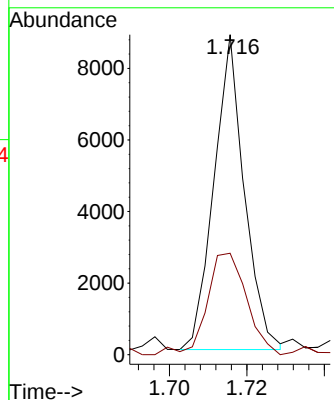
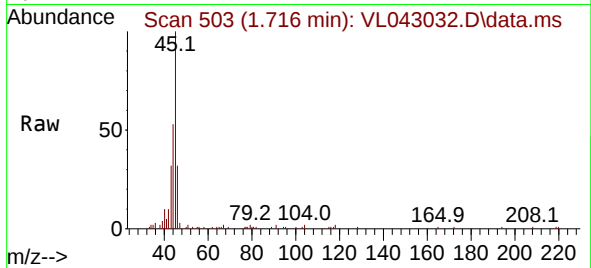




#13
Ethanol
Concen: 10.163 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

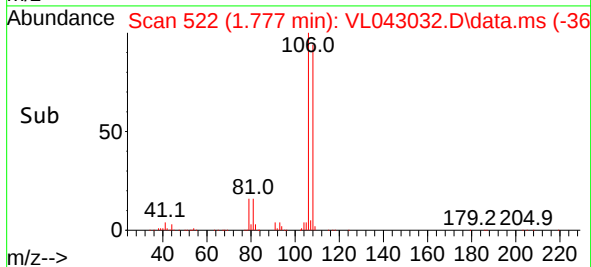
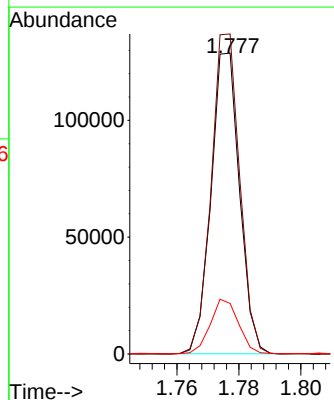
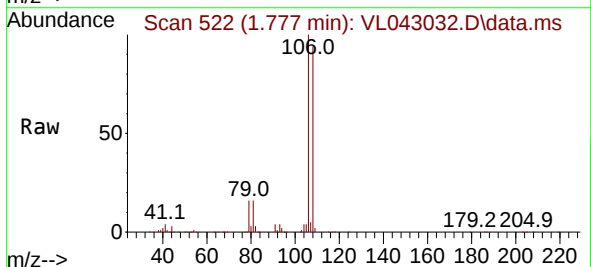
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

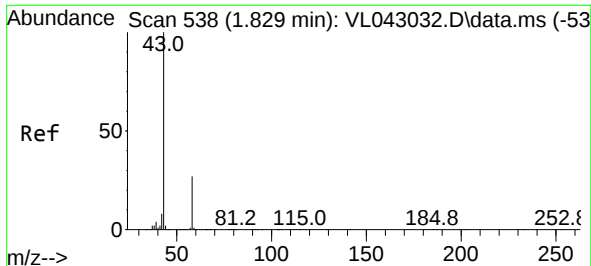
Tgt Ion: 45 Resp: 4785
Ion Ratio Lower Upper
45 100
46 44.6 17.8 71.4



#14
Bromoethene
Concen: 9.582 ppbv
RT: 1.777 min Scan# 522
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 108 Resp: 82329
Ion Ratio Lower Upper
108 100
106 106.5 85.2 127.8
79 18.5 14.8 22.2

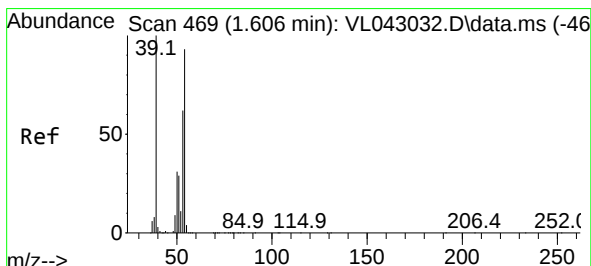
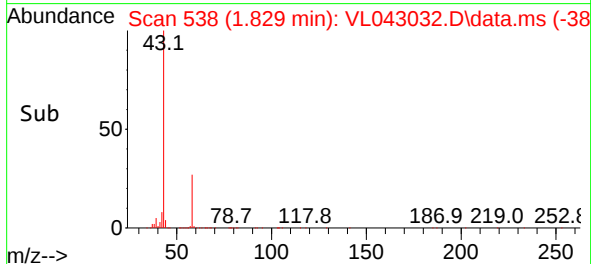
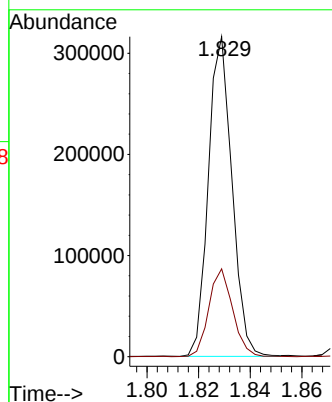
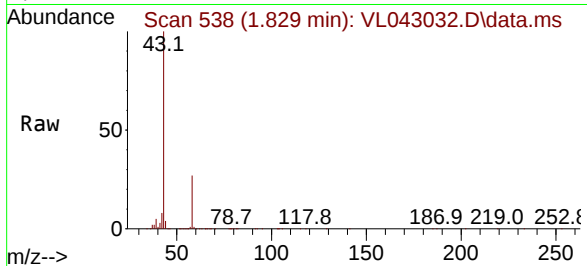




#15
Acetone
Concen: 8.166 ppbv
RT: 1.829 min Scan# 538
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

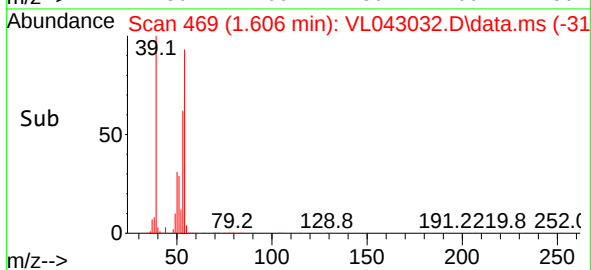
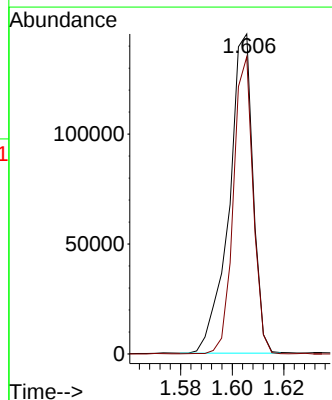
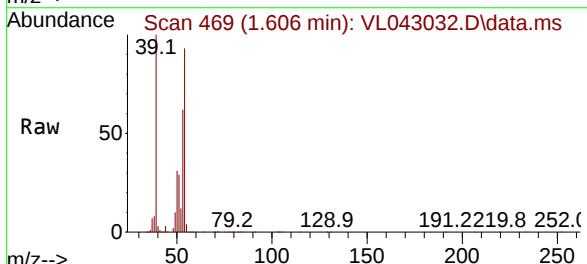
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

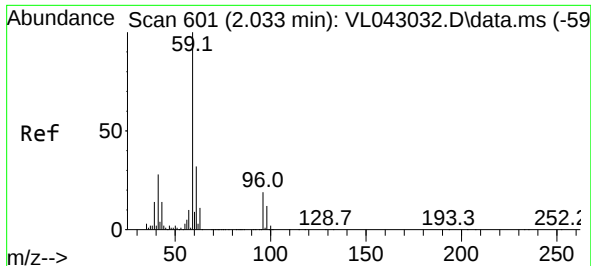
Tgt Ion: 43 Resp: 200896
Ion Ratio Lower Upper
43 100
58 27.8 22.2 33.4



#16
1,3-Butadiene
Concen: 9.292 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 39 Resp: 94239
Ion Ratio Lower Upper
39 100
54 76.8 61.4 92.2

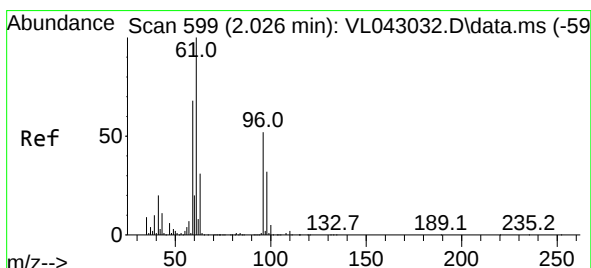
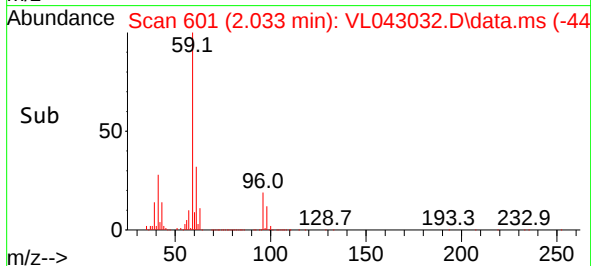
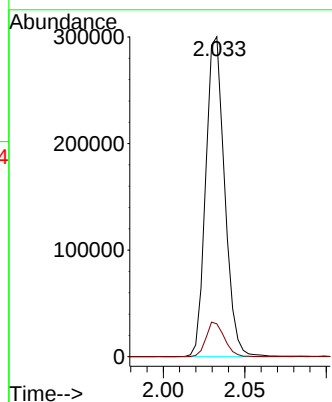
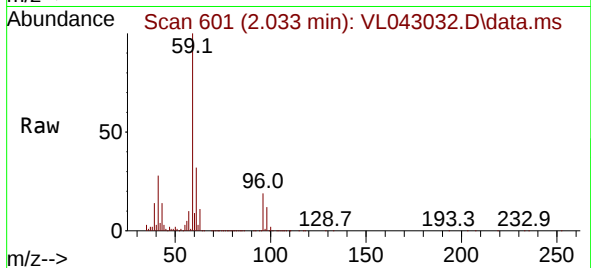




#17
tert-Butyl alcohol
Concen: 9.297 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

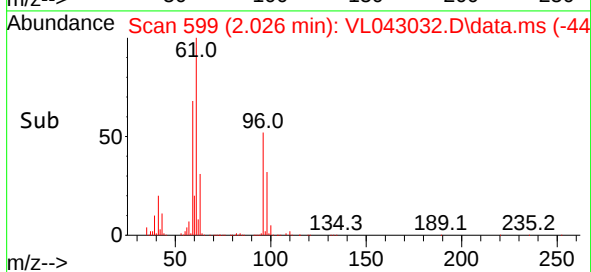
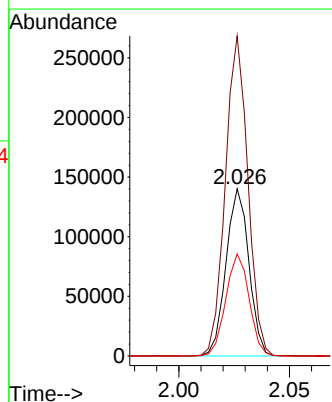
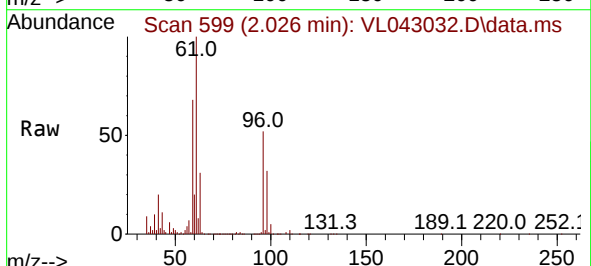
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

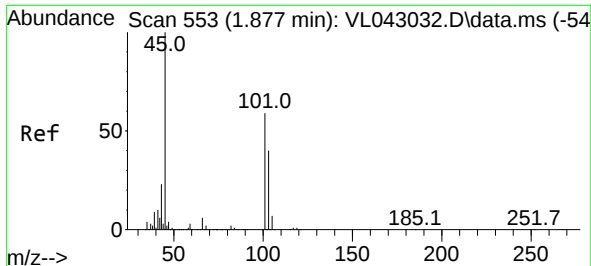
Tgt Ion: 59 Resp: 241909
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7



#18
1,1-Dichloroethene
Concen: 9.617 ppbv
RT: 2.026 min Scan# 599
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 96 Resp: 101035
Ion Ratio Lower Upper
96 100
61 191.3 153.0 229.6
98 61.0 48.8 73.2

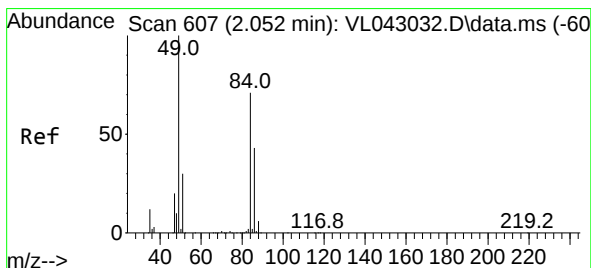
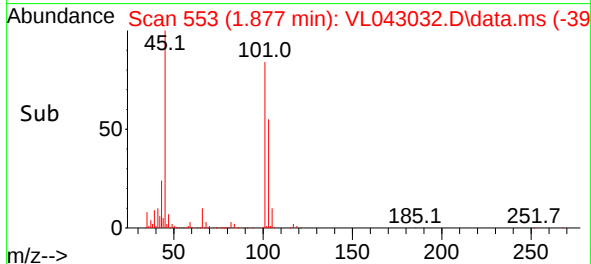
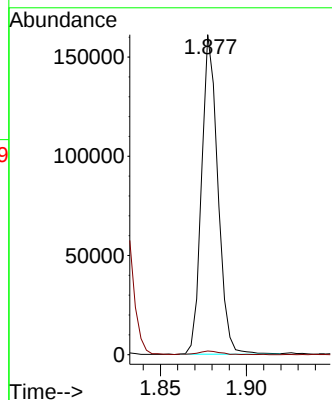
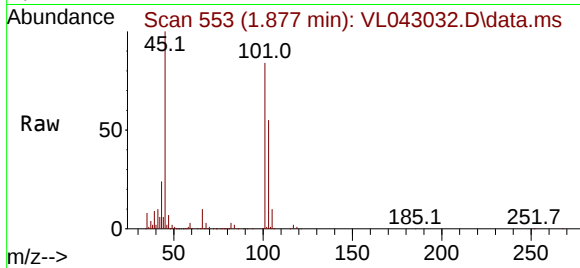




#19
Isopropyl Alcohol
Concen: 8.986 ppbv
RT: 1.877 min Scan# 553
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

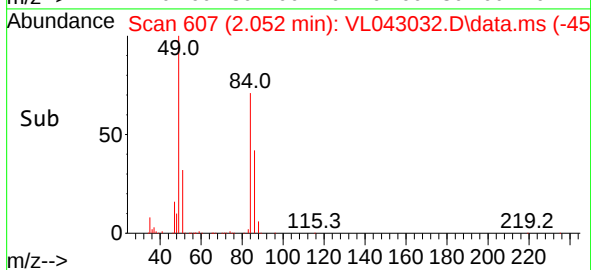
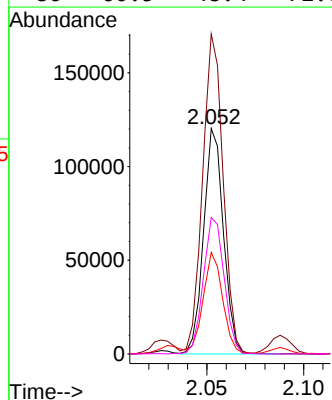
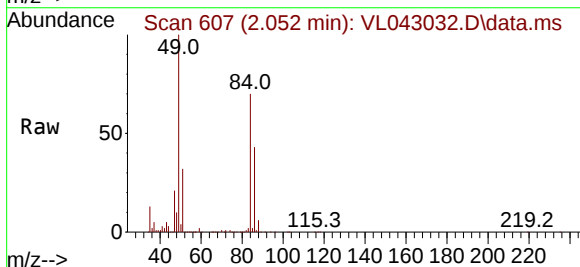
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

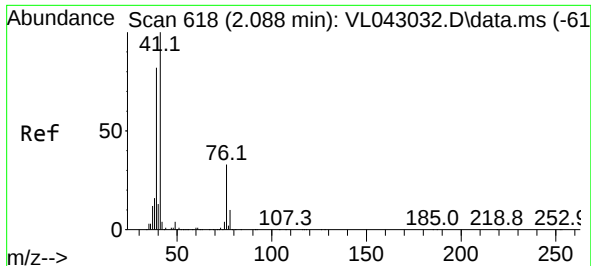
Tgt Ion: 45 Resp: 105917
Ion Ratio Lower Upper
45 100
58 52.8 42.3 63.5



#20
Methylene Chloride
Concen: 8.017 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 84 Resp: 86085
Ion Ratio Lower Upper
84 100
49 140.6 112.5 168.7
51 42.7 34.2 51.2
86 60.5 48.4 72.6

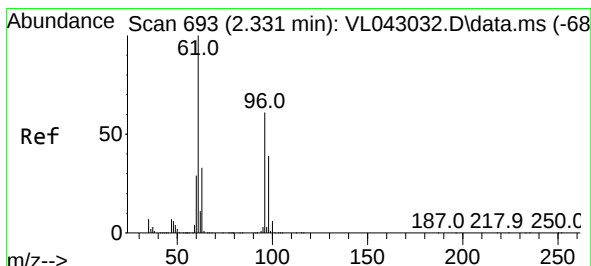
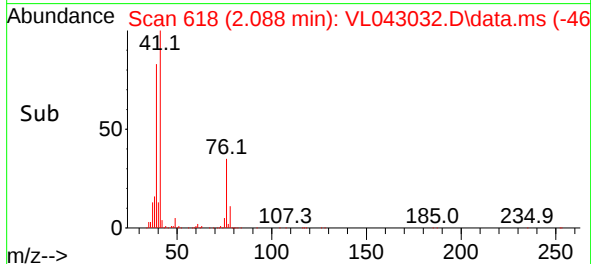
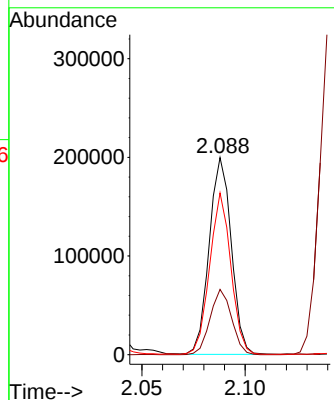
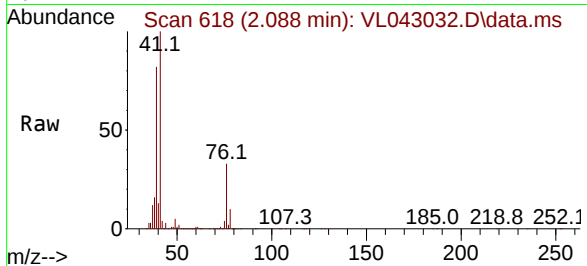




#21
 Allyl Chloride
 Concen: 9.397 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

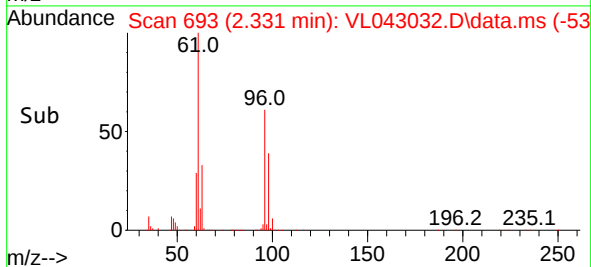
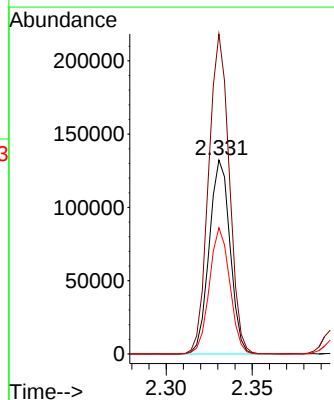
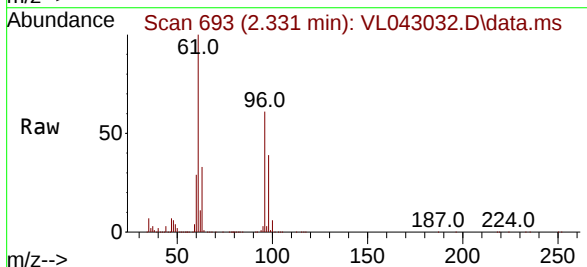
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

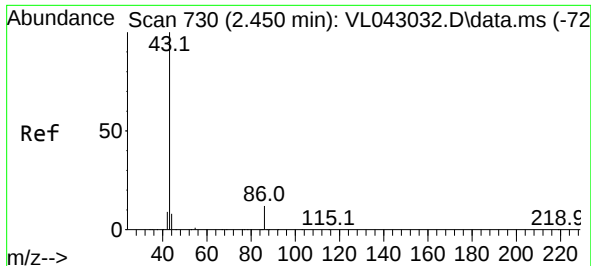
Tgt Ion: 41 Resp: 148094
 Ion Ratio Lower Upper
 41 100
 76 32.4 25.9 38.9
 39 78.7 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 9.346 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion: 96 Resp: 111481
 Ion Ratio Lower Upper
 96 100
 61 164.9 131.9 197.9
 98 65.1 52.1 78.1

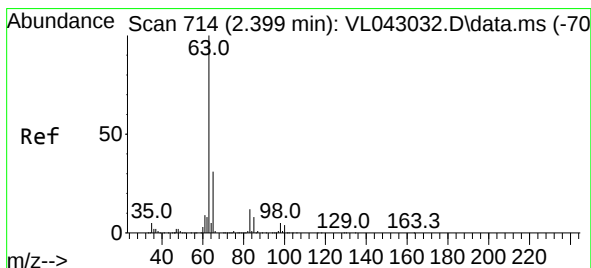
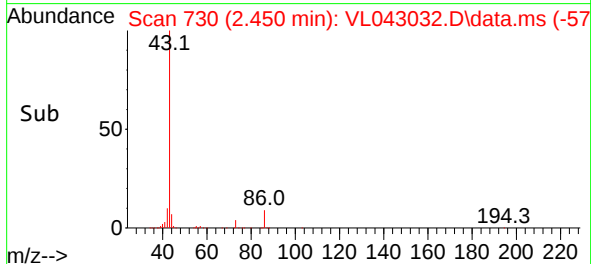
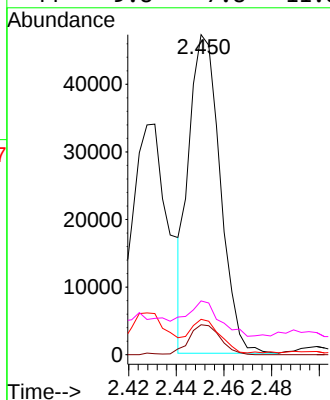
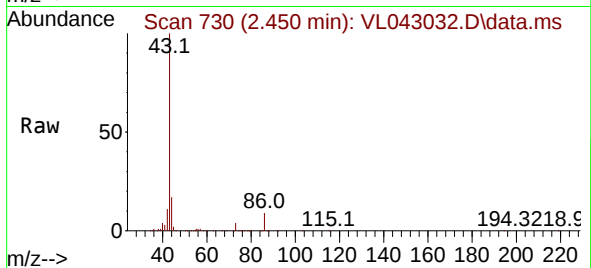




#23
 Vinyl Acetate
 Concen: 8.216 ppbv
 RT: 2.450 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

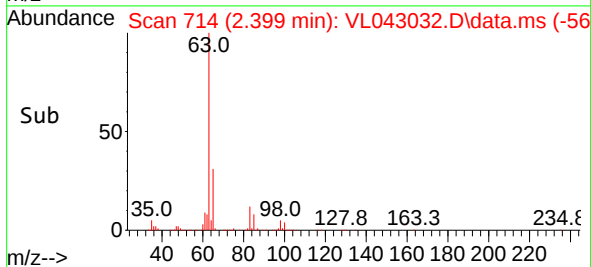
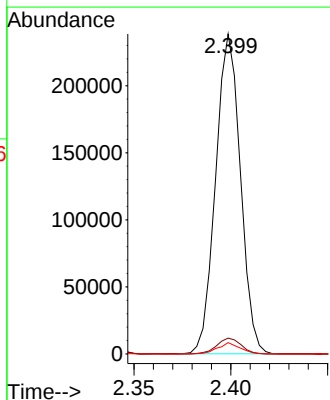
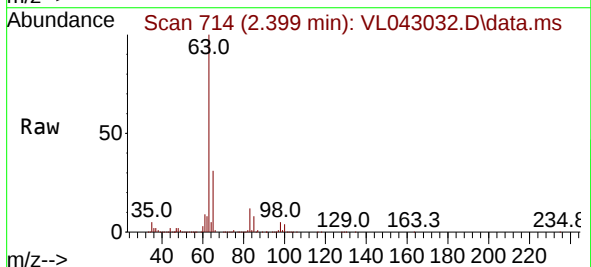
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

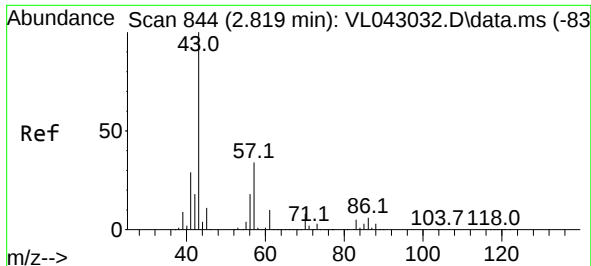
Tgt Ion:	43	Resp:	42908
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.5	11.3
42	10.5	8.4	12.6
44	9.8	7.8	11.8



#24
 1,1-Dichloroethane
 Concen: 9.375 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion:	63	Resp:	211973
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.5	7.4
100	3.6	1.8	5.4

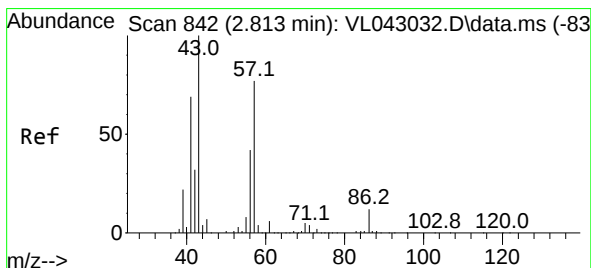
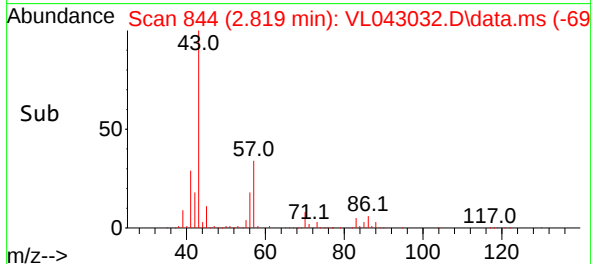
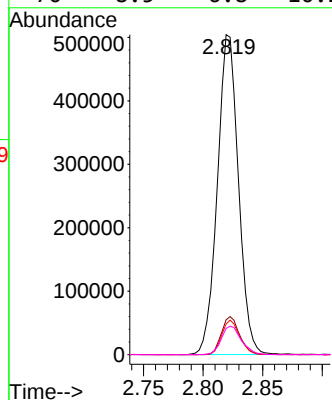
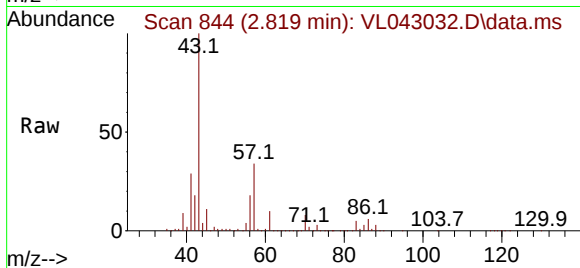




#25
Ethyl Acetate
Concen: 10.022 ppbv
RT: 2.819 min Scan# 844
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

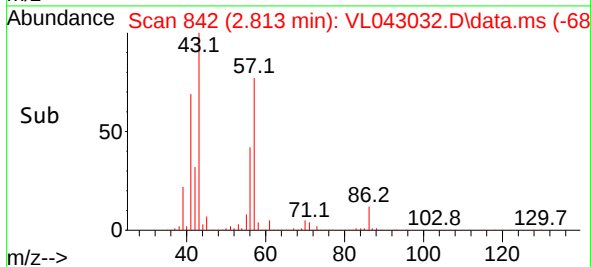
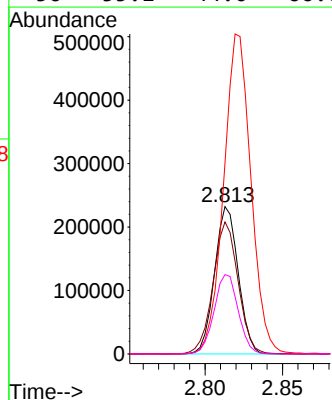
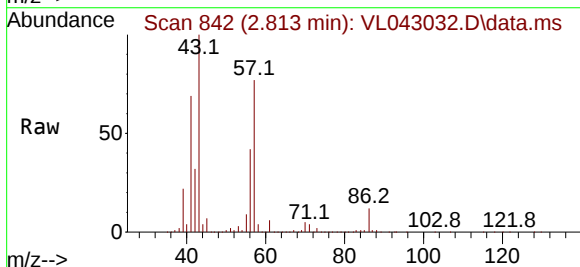
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

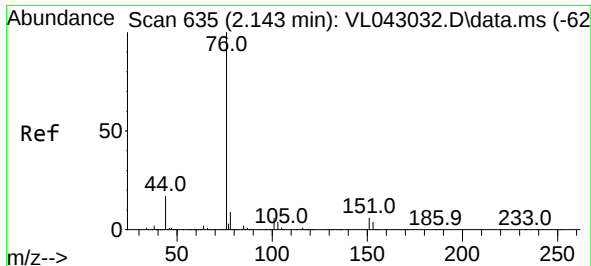
Tgt Ion: 43	Resp: 618469
Ion Ratio	Lower Upper
43 100	
45 10.3	8.3 12.5
61 9.2	7.5 11.3
70 8.5	6.8 10.2



#26
Hexane
Concen: 10.368 ppbv
RT: 2.813 min Scan# 842
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt	Ion: 57	Resp:	246127
Ion	Ratio	Lower	Upper
57	100		
41	95.1	76.1	114.1
43	252.1	201.4	302.0
56	55.1	44.0	66.0

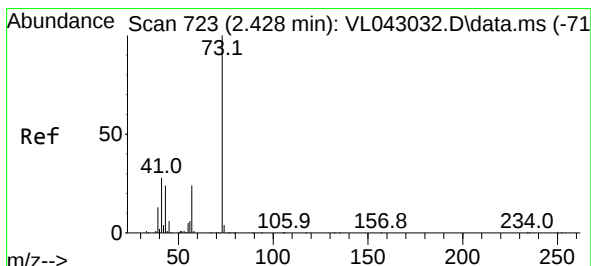
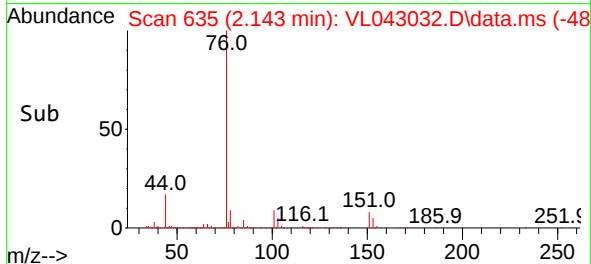
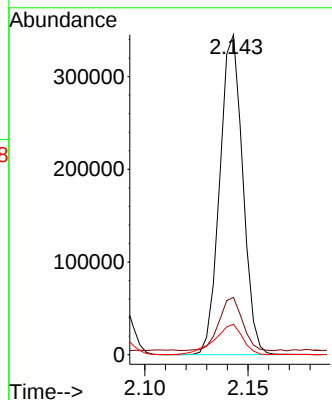
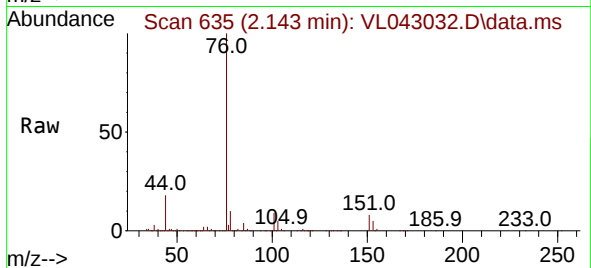




#27
Carbon Disulfide
Concen: 9.537 ppbv
RT: 2.143 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

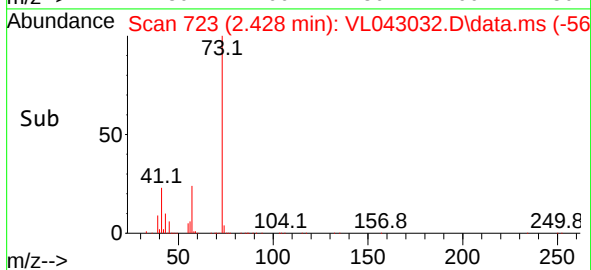
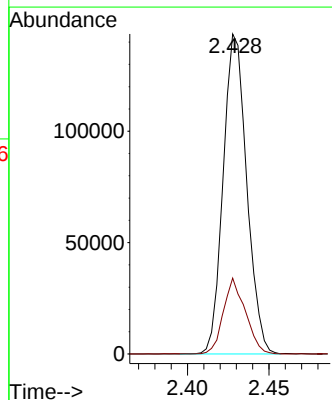
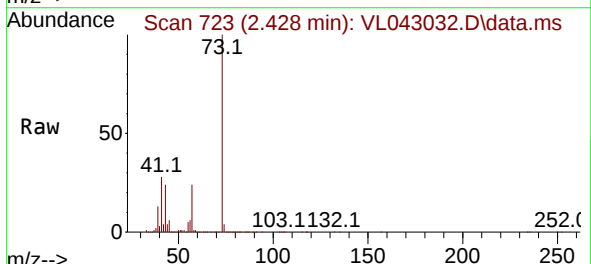
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

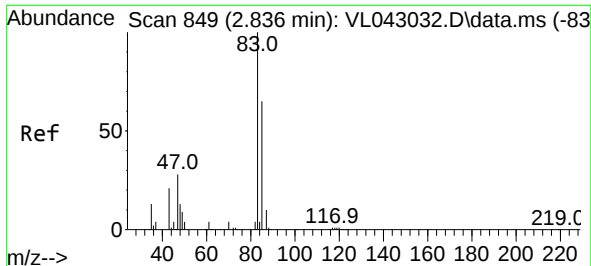
Tgt Ion: 76 Resp: 267294
Ion Ratio Lower Upper
76 100
44 17.5 14.0 21.0
78 11.7 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 9.729 ppbv
RT: 2.428 min Scan# 723
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 73 Resp: 144534
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8





#29

Chloroform

Concen: 9.577 ppbv

RT: 2.836 min Scan# 849

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

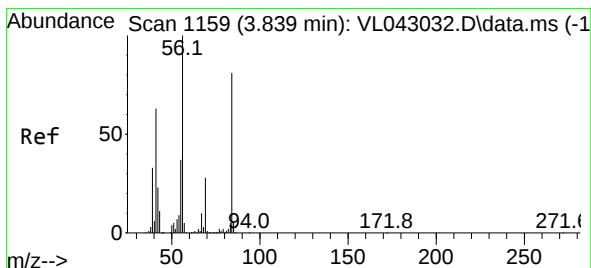
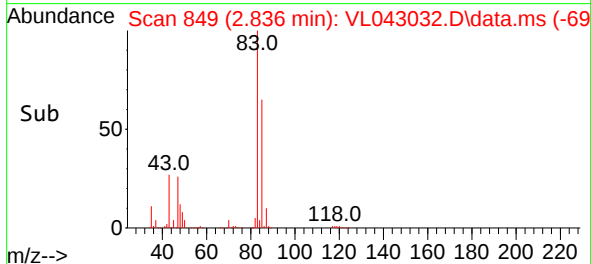
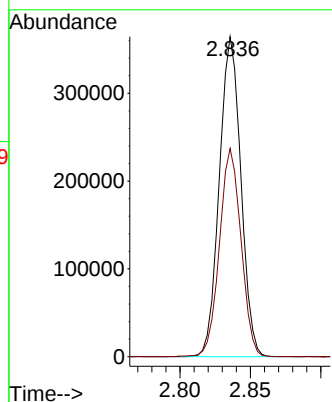
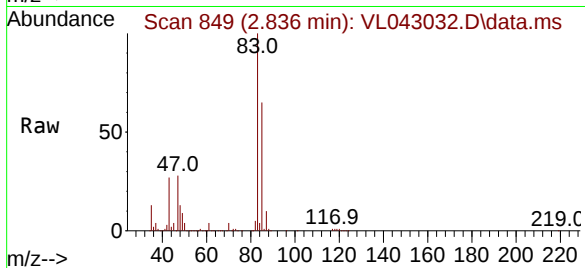
VSTDICCC010

Tgt Ion: 83 Resp: 387615

Ion Ratio Lower Upper

83 100

85 65.0 52.0 78.0



#30

Cyclohexane

Concen: 10.728 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

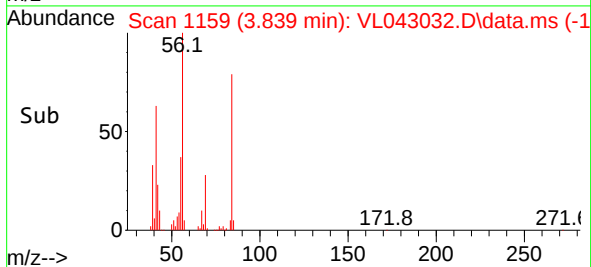
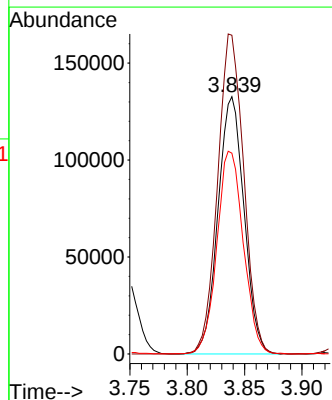
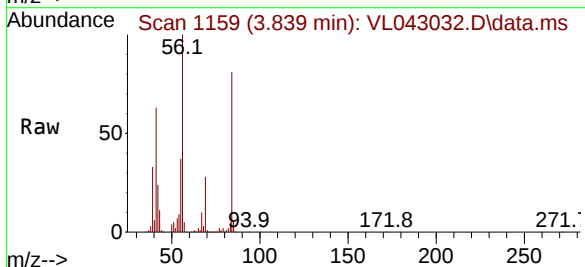
Tgt Ion: 84 Resp: 209266

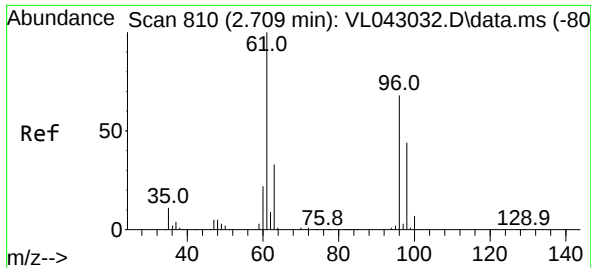
Ion Ratio Lower Upper

84 100

56 124.9 99.9 149.9

41 80.3 64.2 96.4

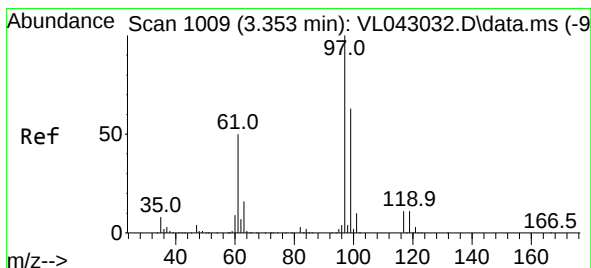
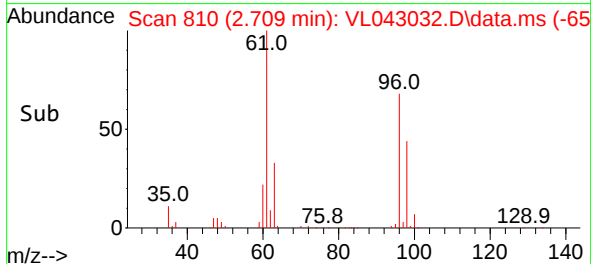
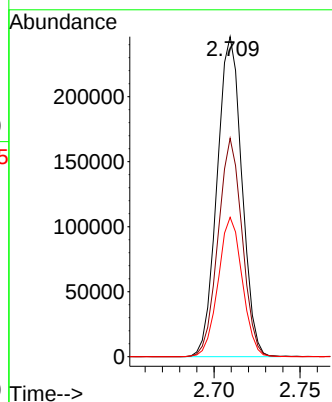
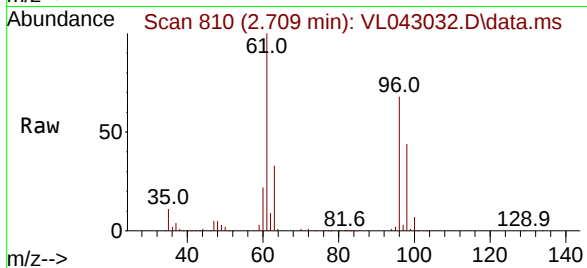




#31
 cis-1,2-Dichloroethene
 Concen: 10.101 ppbv
 RT: 2.709 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

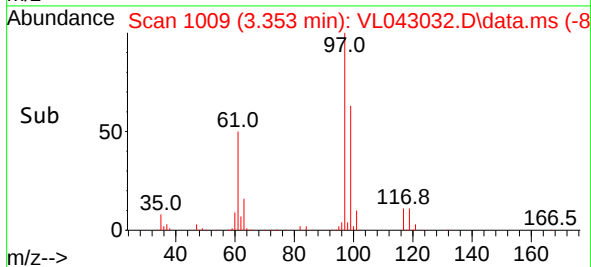
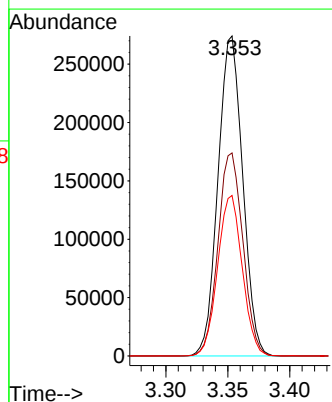
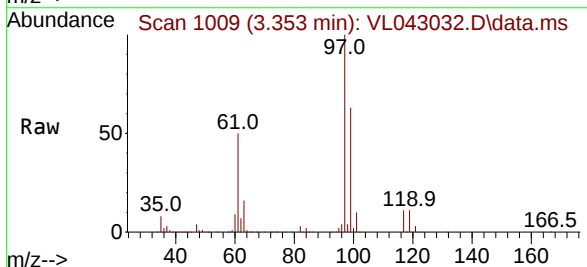
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

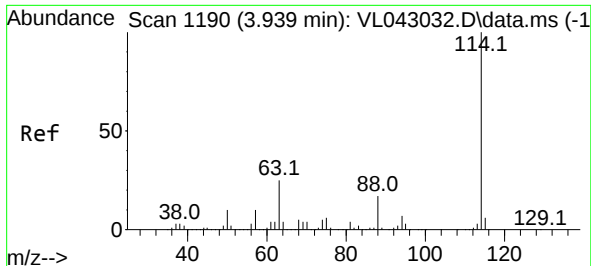
Tgt Ion: 61 Resp: 246505
 Ion Ratio Lower Upper
 61 100
 96 68.3 54.6 82.0
 98 43.5 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.691 ppbv
 RT: 3.353 min Scan# 1009
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion: 97 Resp: 381212
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 50.1 40.1 60.1

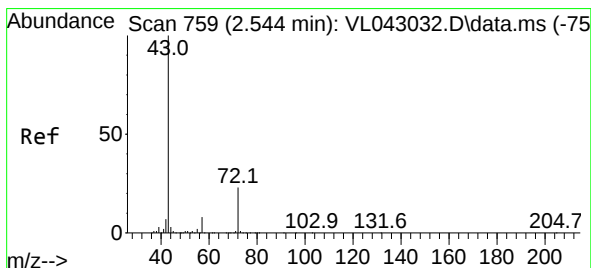
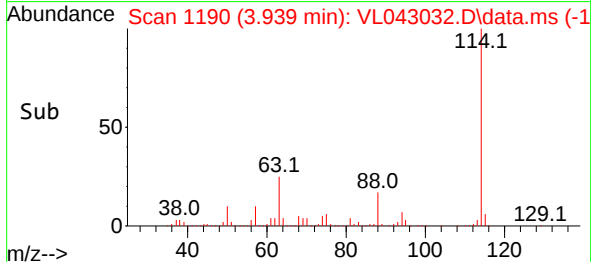
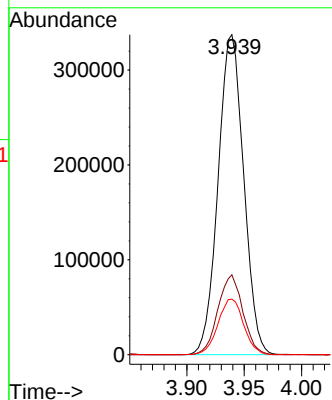
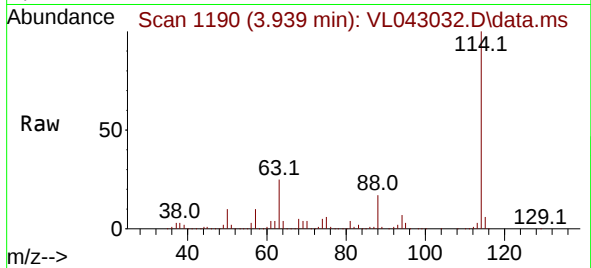




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 1190
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

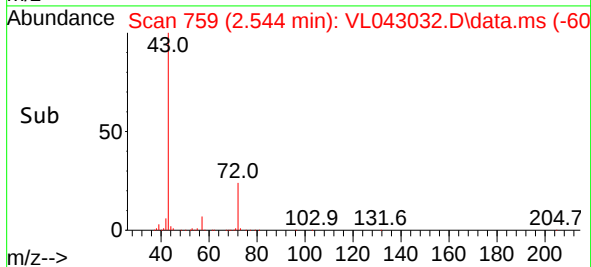
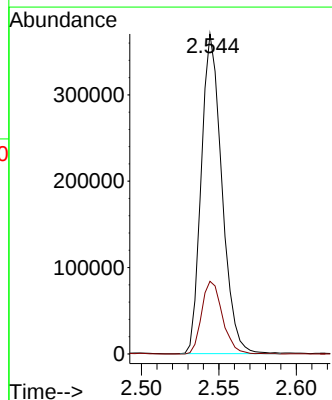
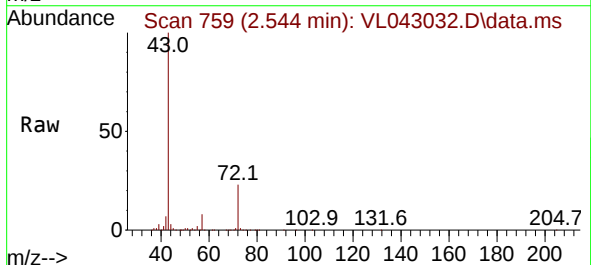
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

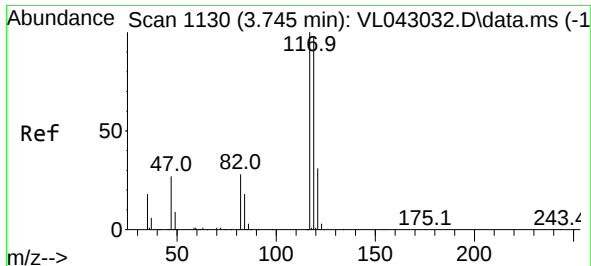
Tgt Ion:114 Resp: 523534
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.2
88 17.4 13.9 20.9



#34
2-Butanone
Concen: 9.647 ppbv
RT: 2.544 min Scan# 759
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 43 Resp: 342678
Ion Ratio Lower Upper
43 100
72 23.0 18.4 27.6

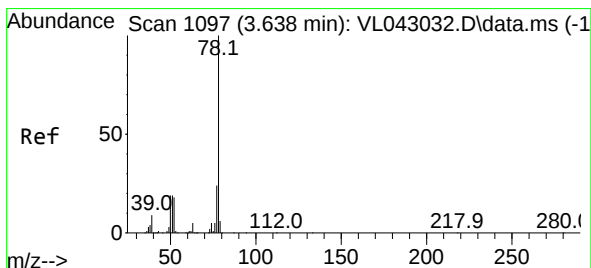
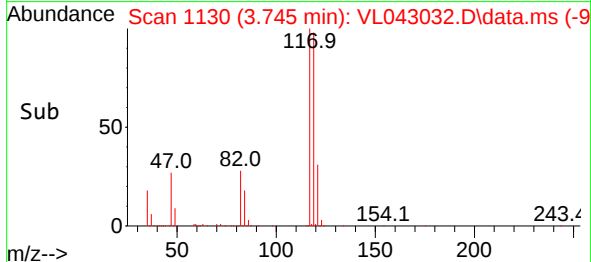
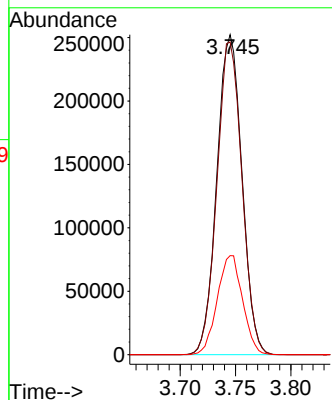
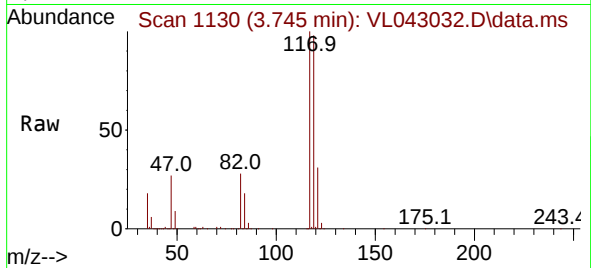




#35
Carbon Tetrachloride
Concen: 9.251 ppbv
RT: 3.745 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

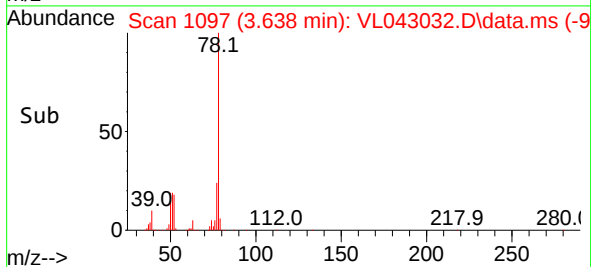
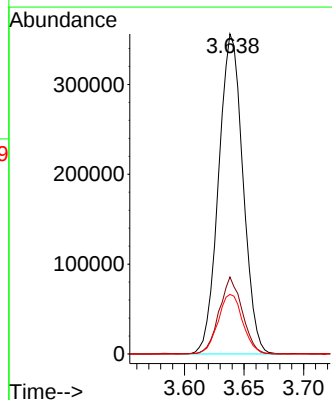
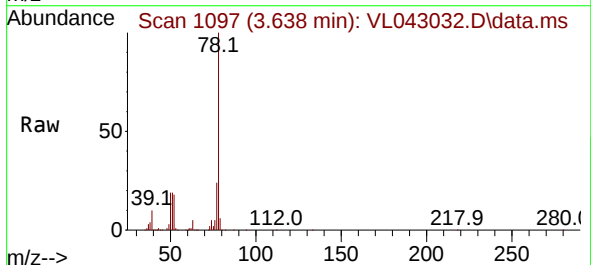
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

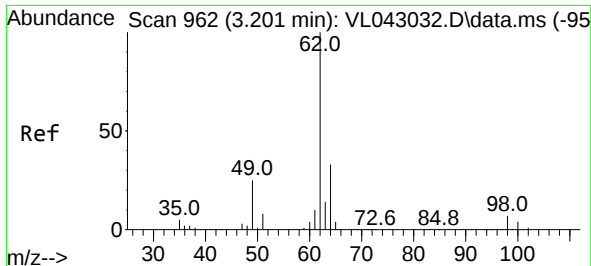
Tgt Ion:117 Resp: 398481
Ion Ratio Lower Upper
117 100
119 97.8 78.2 117.4
121 31.0 24.8 37.2



#36
Benzene
Concen: 10.090 ppbv
RT: 3.638 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 78 Resp: 504680
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
50 18.6 14.9 22.3

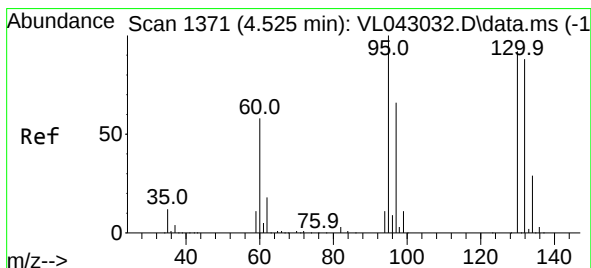
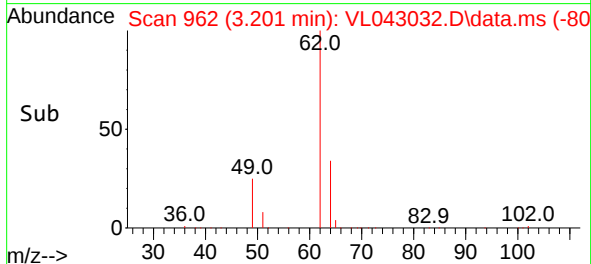
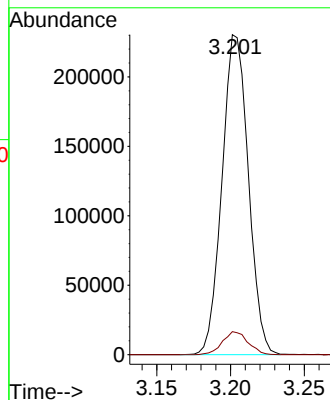
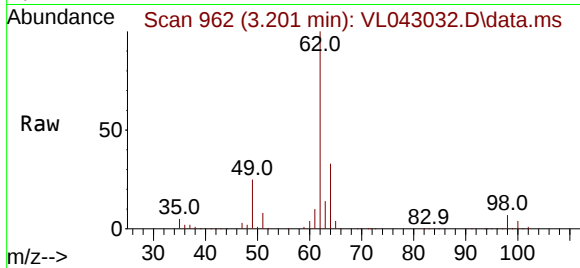




#37
1,2-Dichloroethane
Concen: 9.674 ppbv
RT: 3.201 min Scan# 962
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

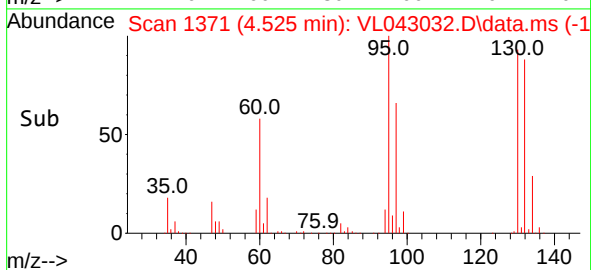
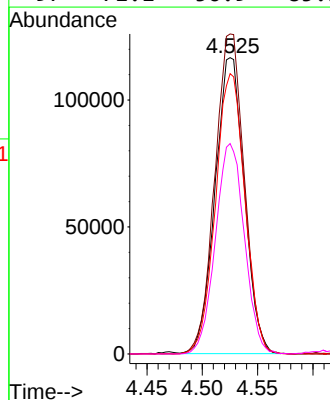
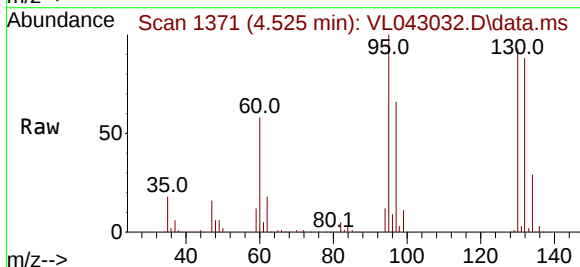
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

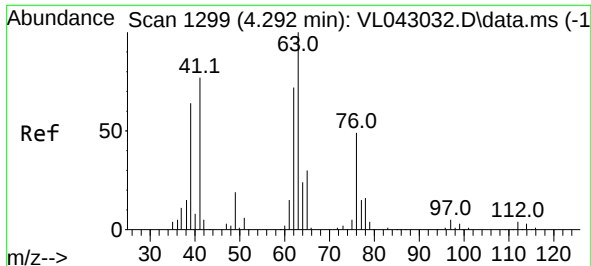
Tgt Ion: 62 Resp: 286590
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4



#38
Trichloroethene
Concen: 10.277 ppbv
RT: 4.525 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion:130 Resp: 214186
Ion Ratio Lower Upper
130 100
95 108.0 86.4 129.6
132 94.6 75.7 113.5
97 71.1 56.9 85.3





#39

1,2-Dichloropropane

Concen: 9.870 ppbv

RT: 4.292 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

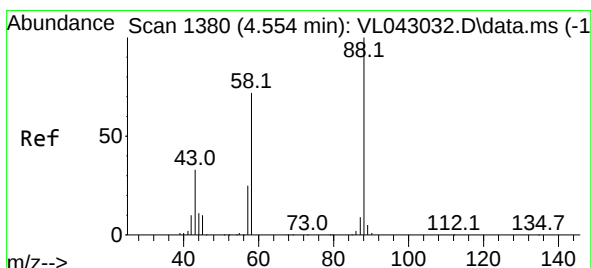
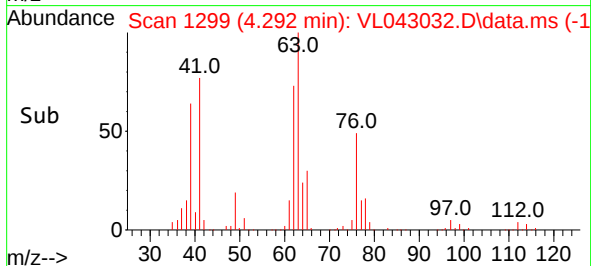
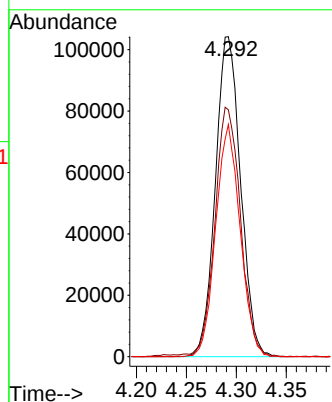
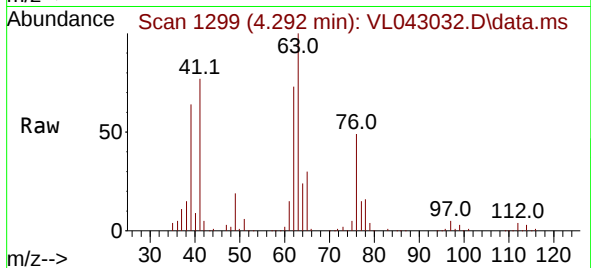
Tgt Ion: 63 Resp: 182987

Ion Ratio Lower Upper

63 100

41 77.0 61.6 92.4

62 72.6 58.1 87.1



#40

1,4-Dioxane

Concen: 10.324 ppbv

RT: 4.554 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Tgt Ion: 88 Resp: 82195

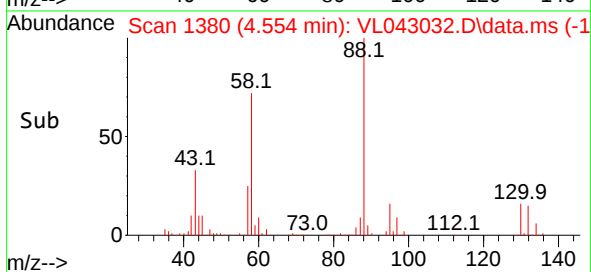
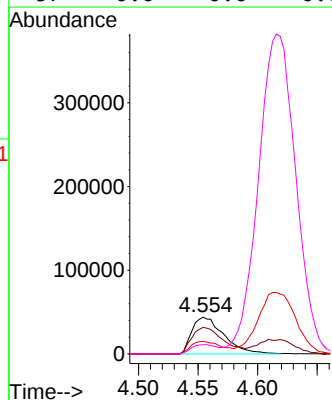
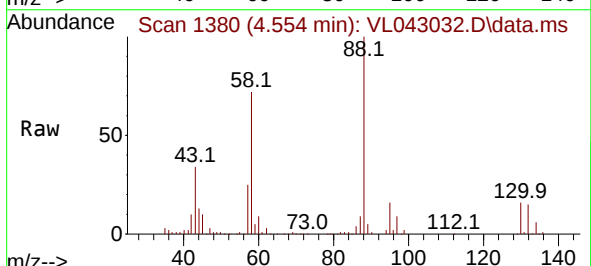
Ion Ratio Lower Upper

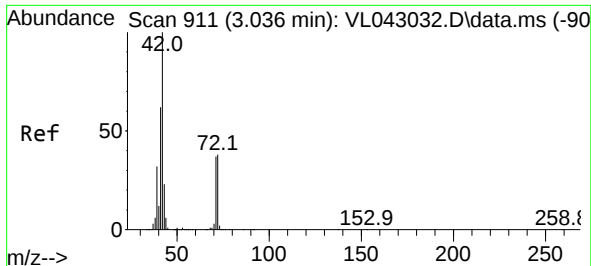
88 100

58 71.7 56.2 84.2

43 33.1 25.7 38.5

57 0.0 0.0 0.0

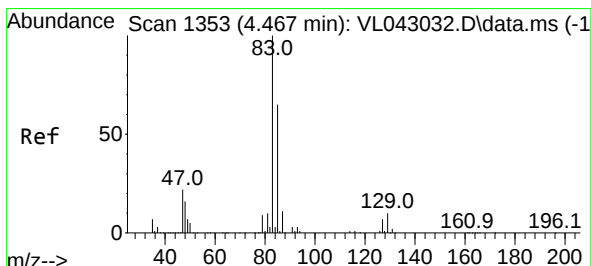
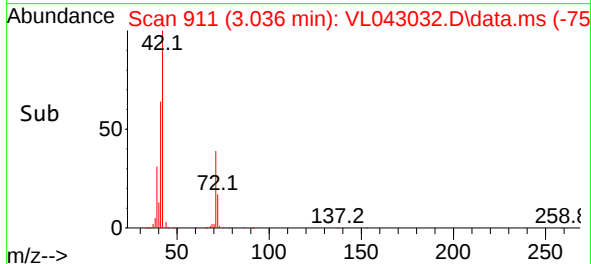
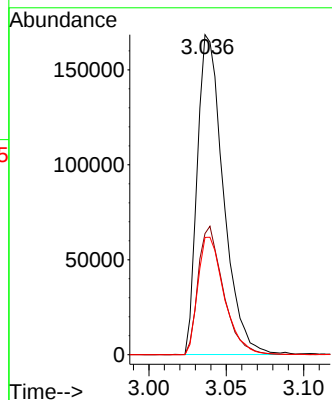
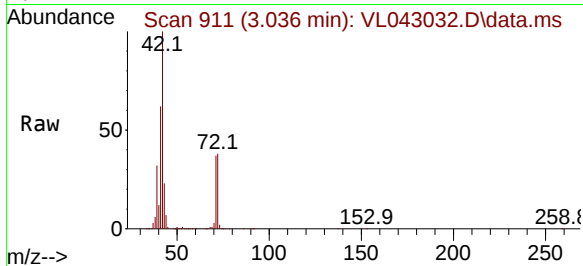




#41
Tetrahydrofuran
Concen: 10.730 ppbv
RT: 3.036 min Scan# 911
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

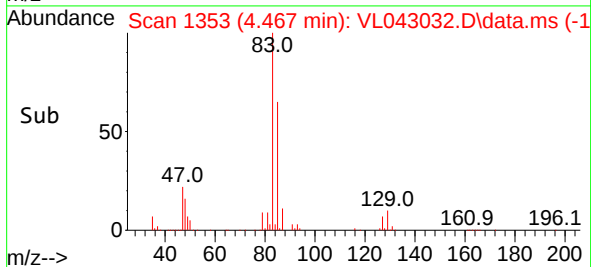
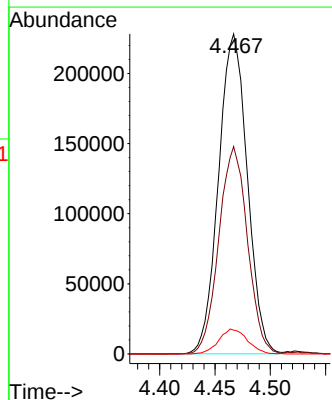
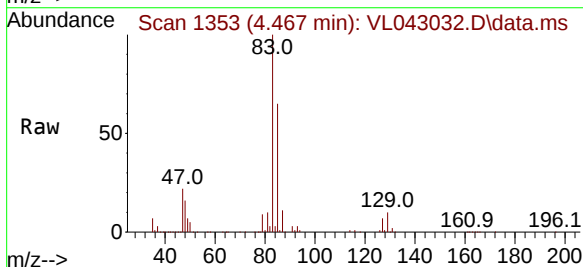
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

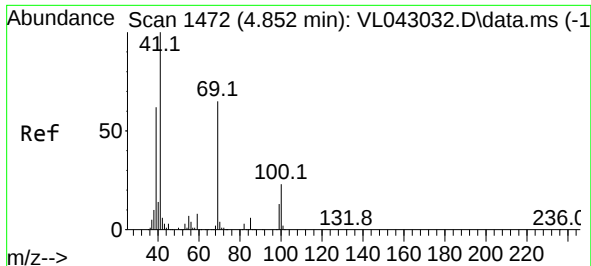
Tgt Ion: 42 Resp: 196992
Ion Ratio Lower Upper
42 100
72 38.8 31.0 46.6
71 37.4 29.8 44.6



#42
Bromodichloromethane
Concen: 9.861 ppbv
RT: 4.467 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 83 Resp: 412493
Ion Ratio Lower Upper
83 100
85 64.8 51.8 77.8
127 7.4 5.9 8.9

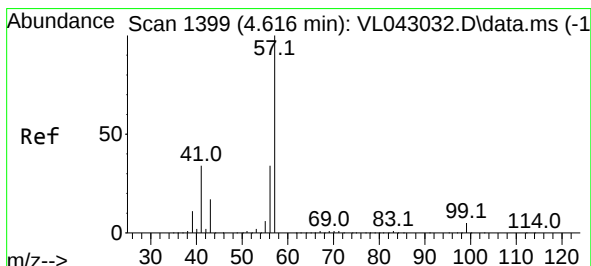
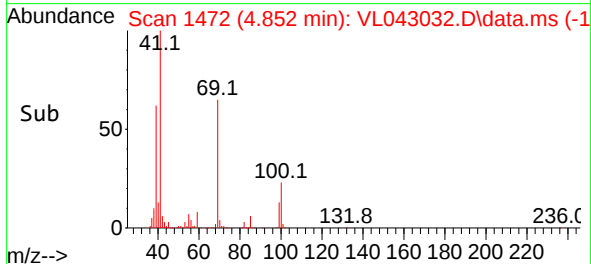
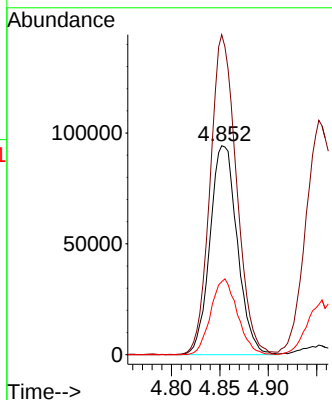
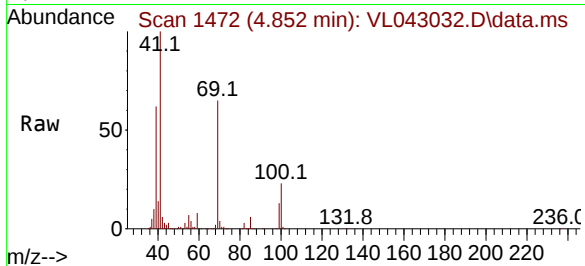




#43
Methyl Methacrylate
Concen: 11.139 ppbv
RT: 4.852 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

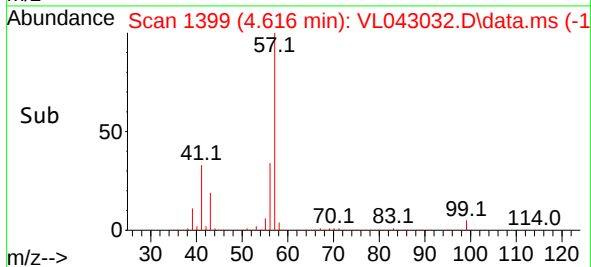
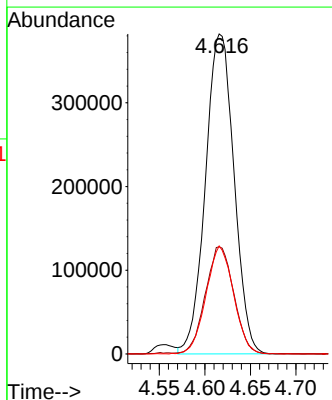
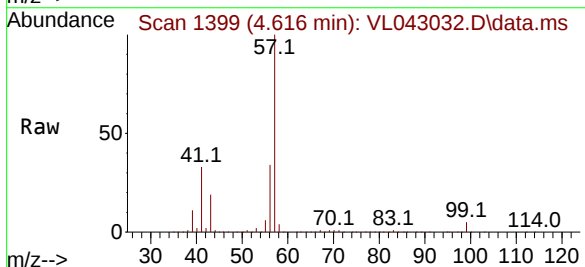
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

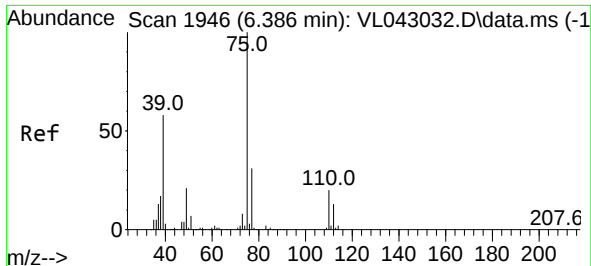
Tgt Ion: 69 Resp: 184960
Ion Ratio Lower Upper
69 100
41 147.4 118.0 177.0
100 35.4 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 10.393 ppbv
RT: 4.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 57 Resp: 834185
Ion Ratio Lower Upper
57 100
41 33.5 27.0 40.4
56 32.5 26.0 39.0





#45

t-1,3-Dichloropropene

Concen: 10.931 ppbv

RT: 6.386 min Scan# 1946

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

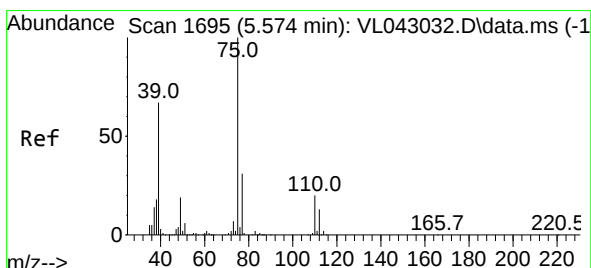
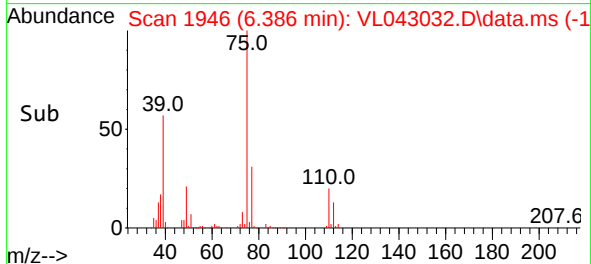
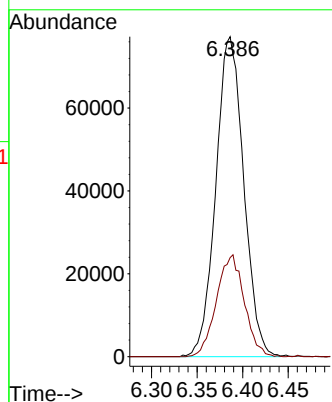
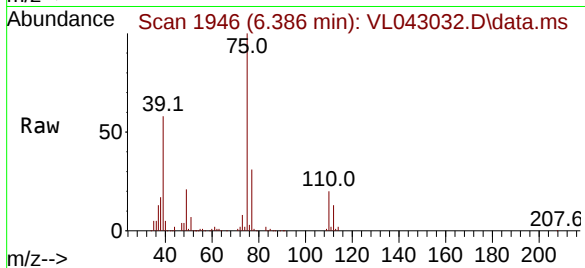
VSTDICCC010

Tgt Ion: 75 Resp: 164433

Ion Ratio Lower Upper

75 100

77 30.9 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 10.772 ppbv

RT: 5.574 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

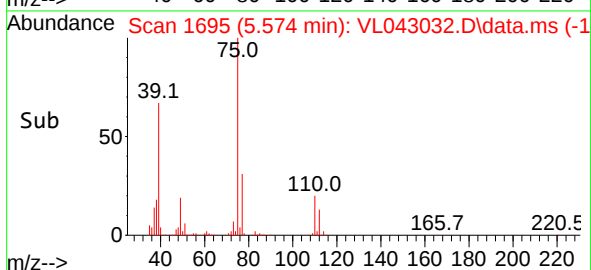
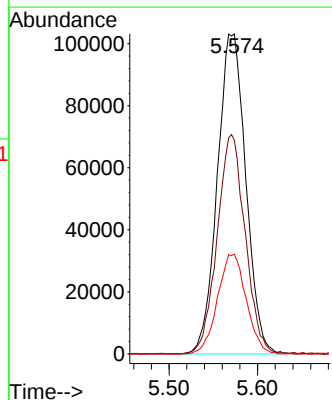
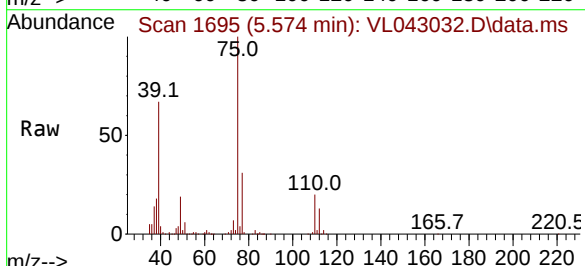
Tgt Ion: 75 Resp: 230231

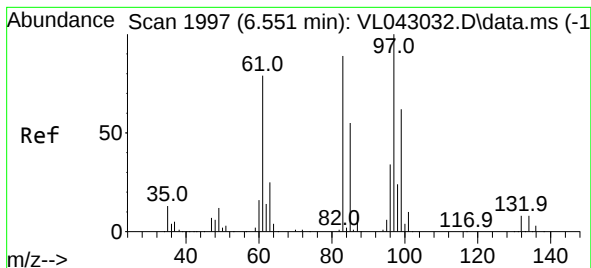
Ion Ratio Lower Upper

75 100

39 66.7 53.4 80.0

77 31.2 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 9.552 ppbv

RT: 6.551 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 196990

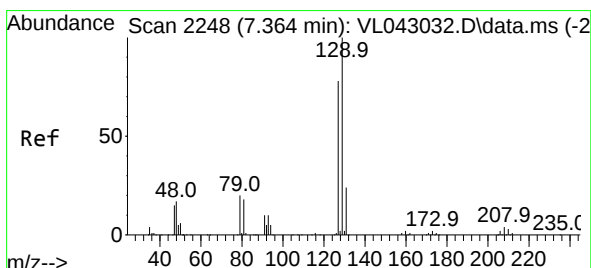
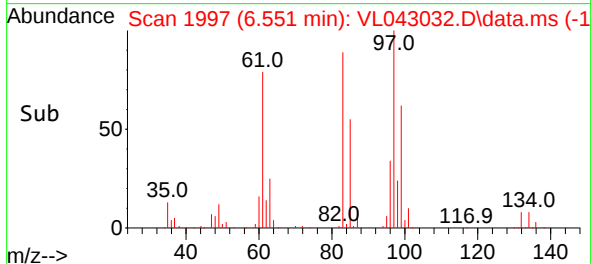
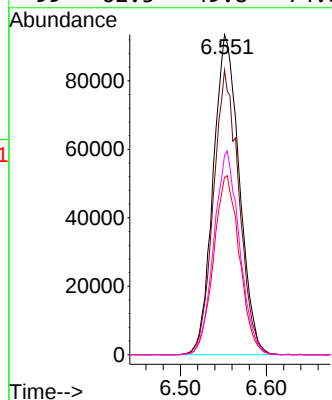
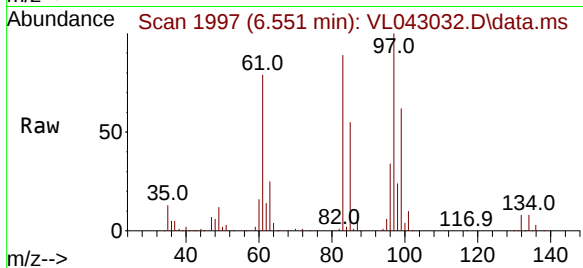
Ion Ratio Lower Upper

97 100

83 88.9 71.1 106.7

85 55.4 44.3 66.5

99 62.3 49.8 74.8



#48

Dibromochloromethane

Concen: 10.278 ppbv

RT: 7.364 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VL043032.D

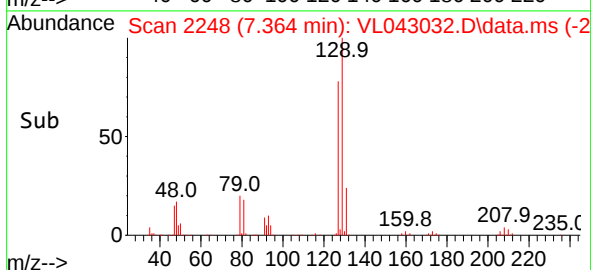
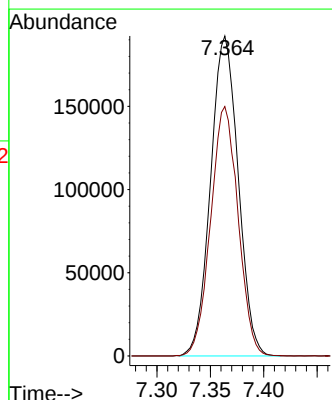
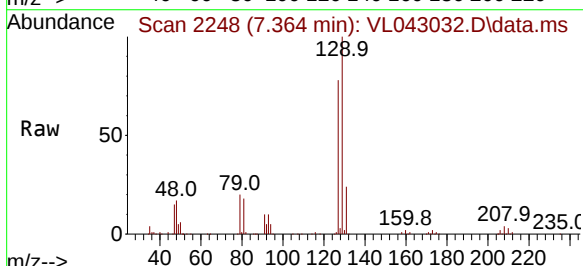
Acq: 02 Oct 2025 10:23

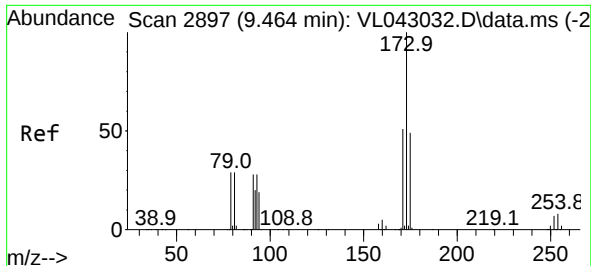
Tgt Ion: 129 Resp: 345945

Ion Ratio Lower Upper

129 100

127 77.3 38.6 116.0

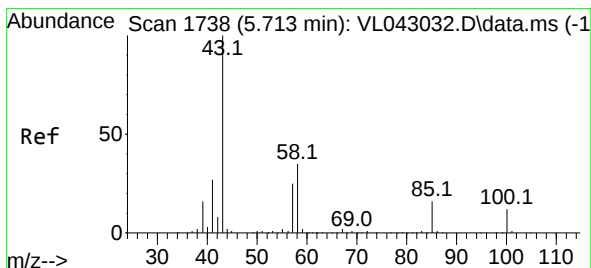
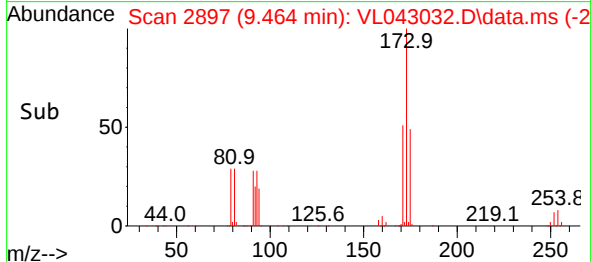
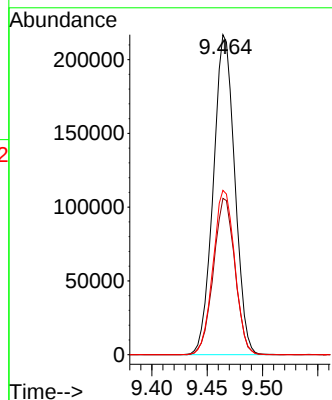
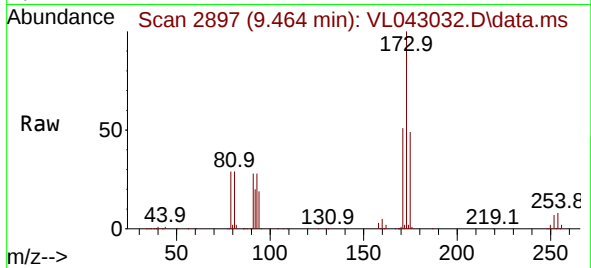




#49
Bromoform
Concen: 10.423 ppbv
RT: 9.464 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

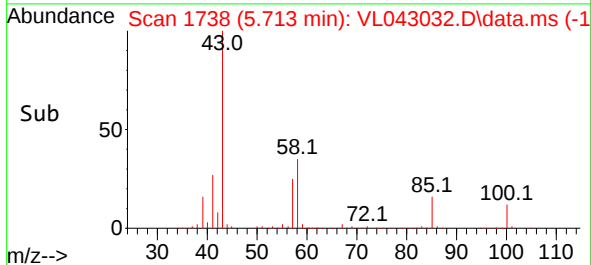
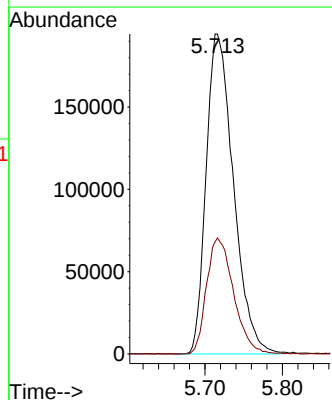
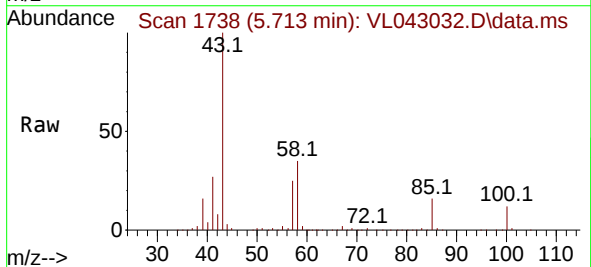
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

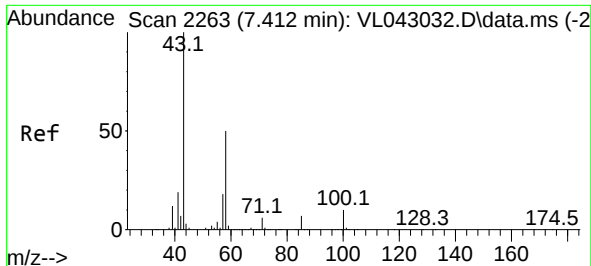
Tgt Ion:173 Resp: 292987
Ion Ratio Lower Upper
173 100
175 48.9 39.1 58.7
171 51.8 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 10.994 ppbv
RT: 5.713 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 43 Resp: 476242
Ion Ratio Lower Upper
43 100
58 35.9 28.7 43.1

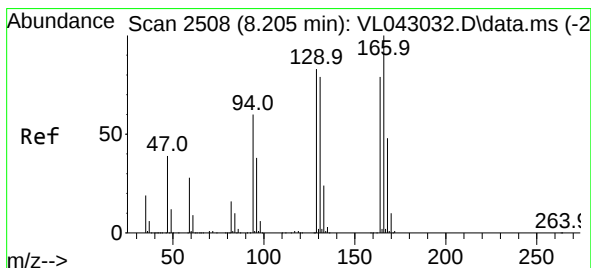
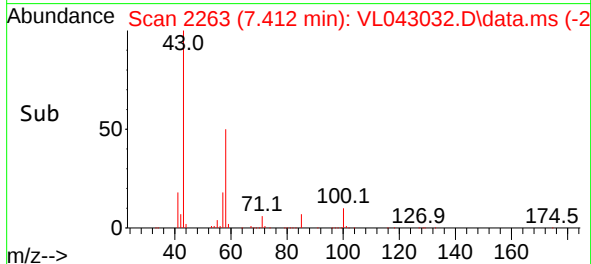
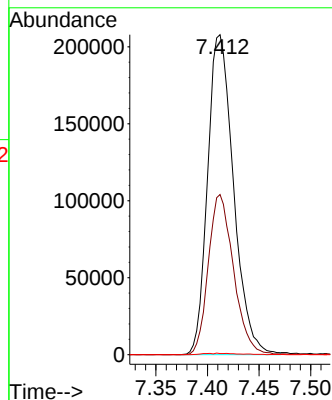
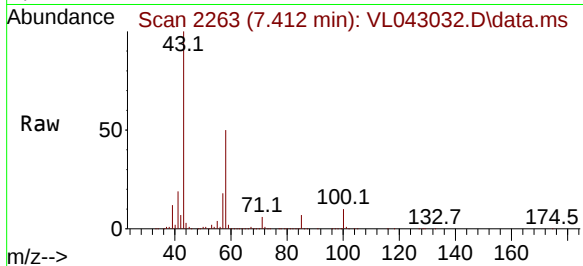




#51
2-Hexanone
Concen: 11.817 ppbv
RT: 7.412 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

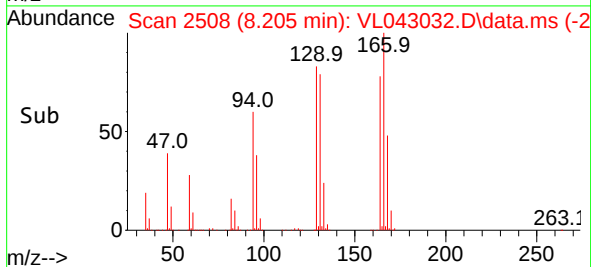
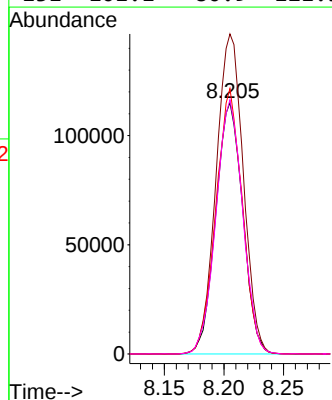
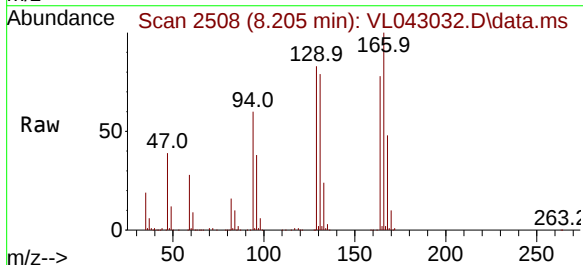
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

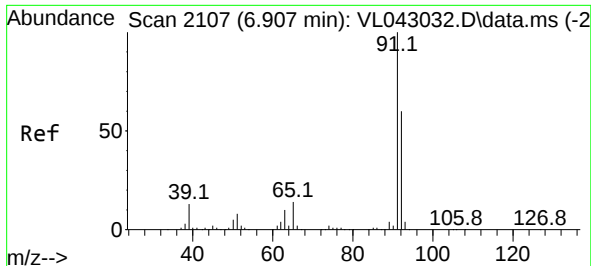
Tgt Ion: 43 Resp: 362983
Ion Ratio Lower Upper
43 100
58 48.8 39.1 58.7
98 0.6 0.5 0.7



#52
Tetrachloroethene
Concen: 9.693 ppbv
RT: 8.205 min Scan# 2508
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 164 Resp: 180664
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 105.6 84.5 126.7
131 101.1 80.9 121.3

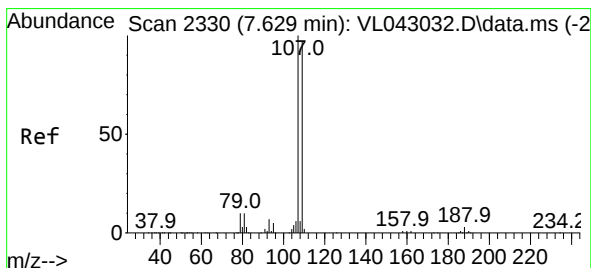
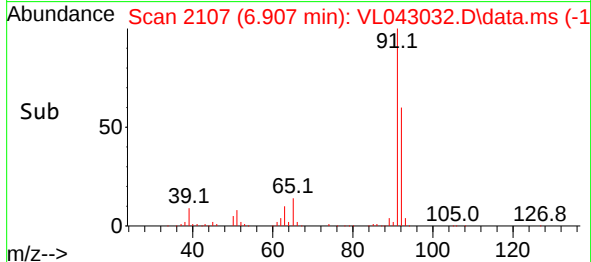
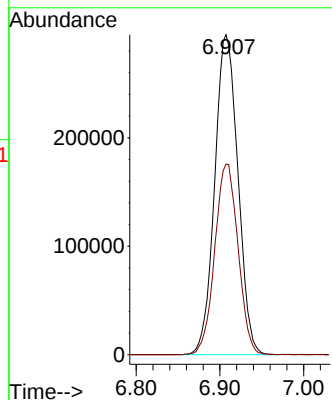
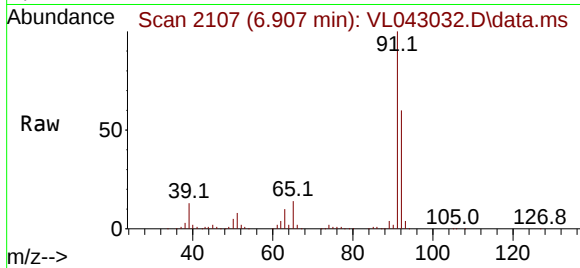




#53
Toluene
Concen: 11.265 ppbv
RT: 6.907 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

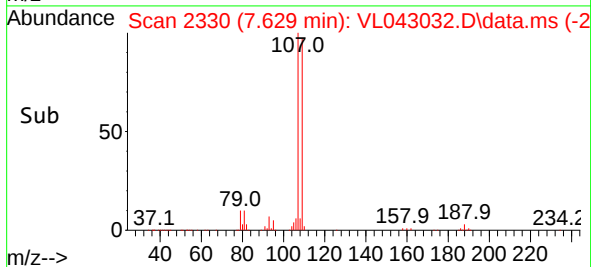
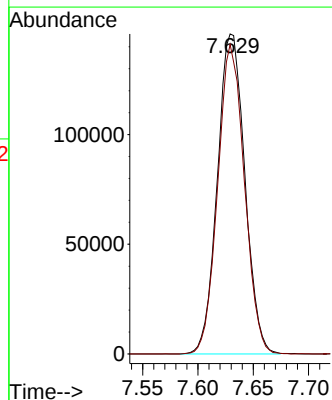
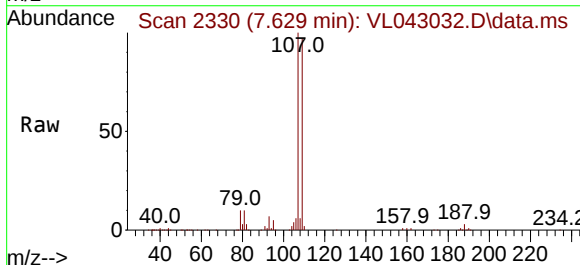
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

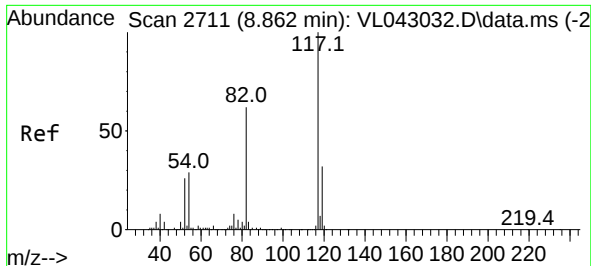
Tgt Ion: 91 Resp: 568843
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6



#54
1,2-Dibromoethane
Concen: 10.309 ppbv
RT: 7.629 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 107 Resp: 251974
Ion Ratio Lower Upper
107 100
109 96.7 77.4 116.0

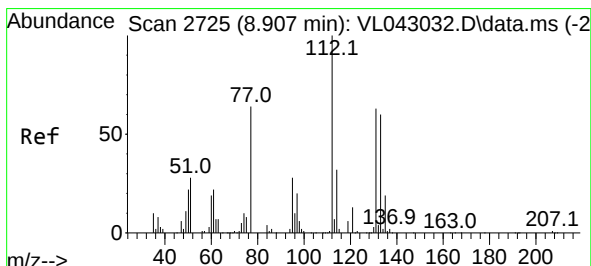
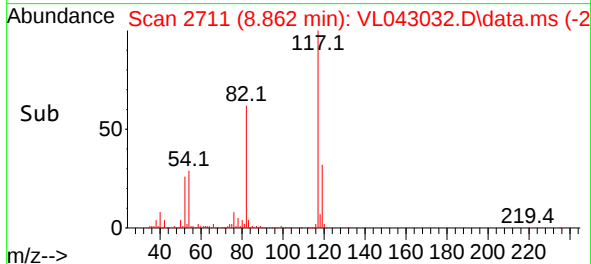
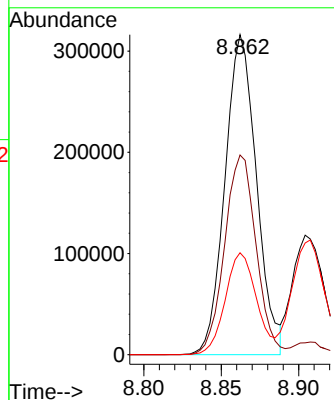
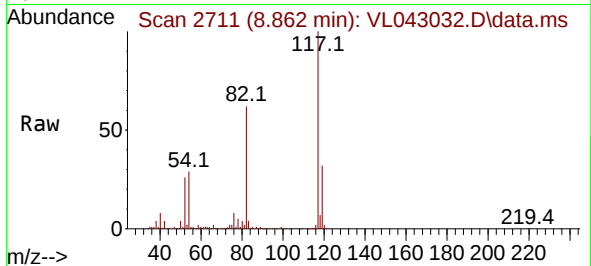




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2711
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

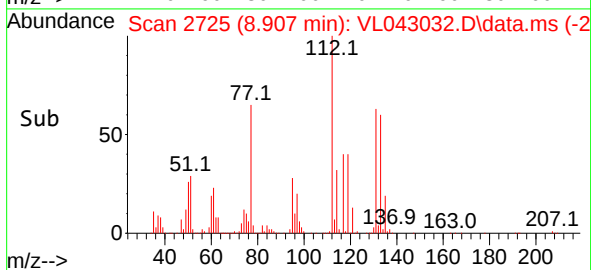
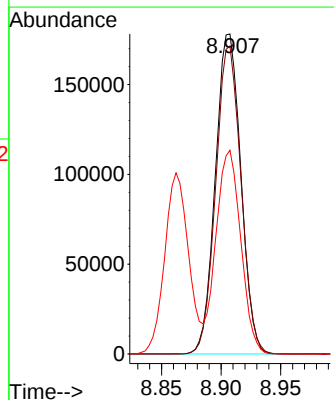
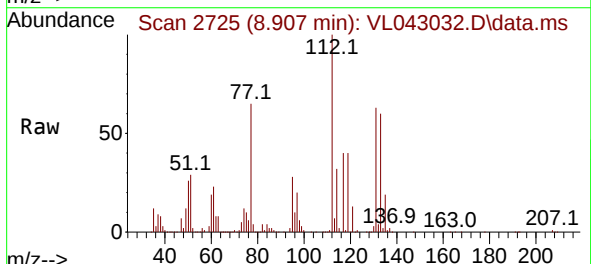
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

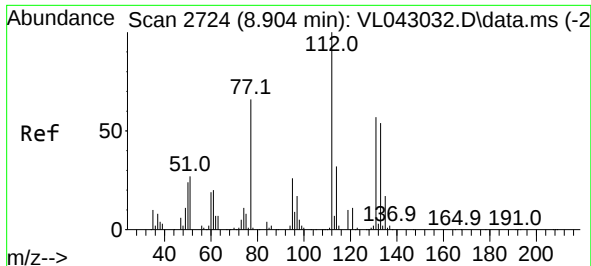
Tgt Ion:117 Resp: 448396
Ion Ratio Lower Upper
117 100
82 66.3 53.0 79.6
119 32.8 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.693 ppbv
RT: 8.907 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion:131 Resp: 264925
Ion Ratio Lower Upper
131 100
133 95.3 76.2 114.4
119 61.8 49.4 74.2

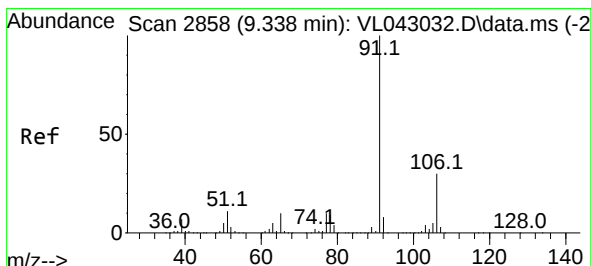
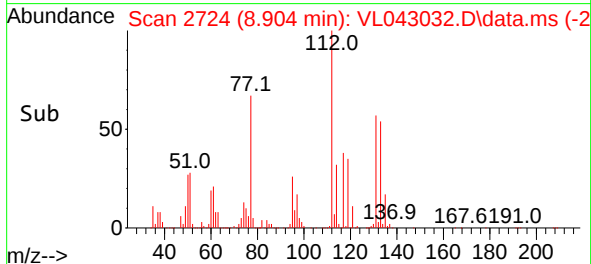
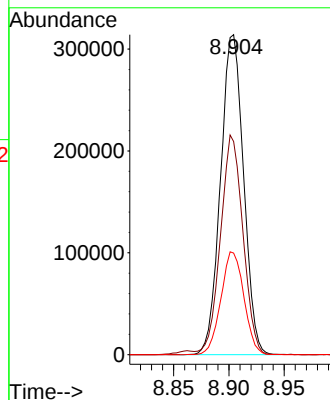
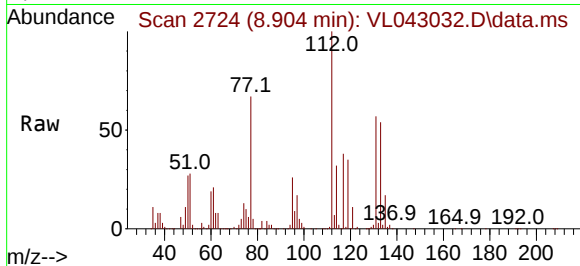




#57
Chlorobenzene
Concen: 9.600 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

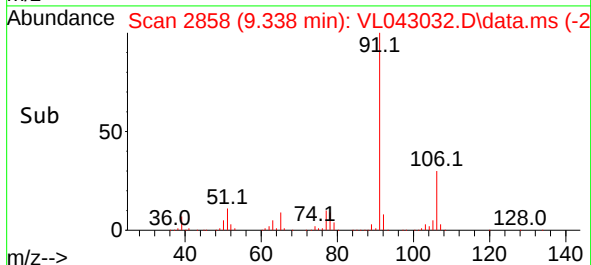
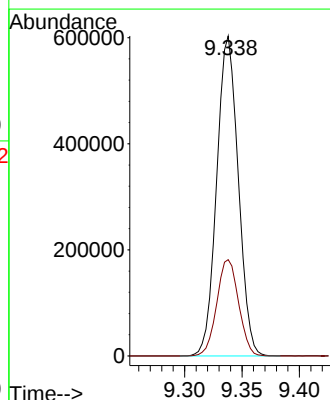
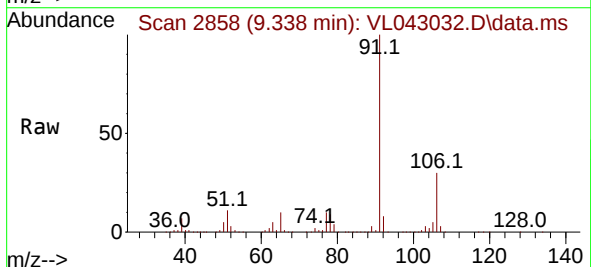
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

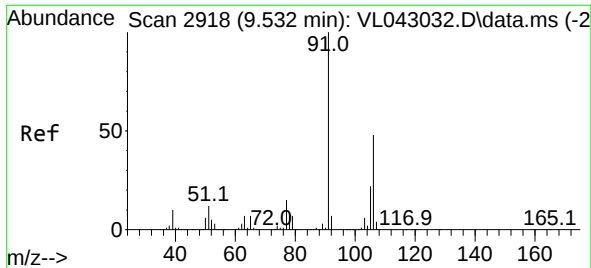
Tgt Ion:112 Resp: 455049
Ion Ratio Lower Upper
112 100
77 66.5 53.2 79.8
114 31.8 28.6 35.0



#58
Ethyl Benzene
Concen: 11.351 ppbv
RT: 9.338 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 788510
Ion Ratio Lower Upper
91 100
106 30.1 24.1 36.1

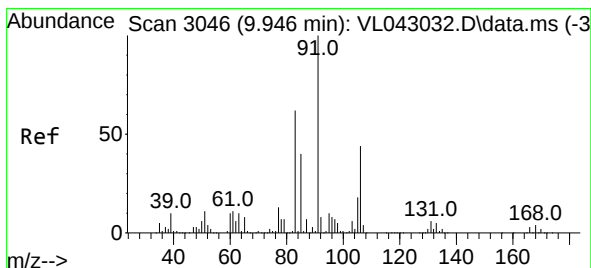
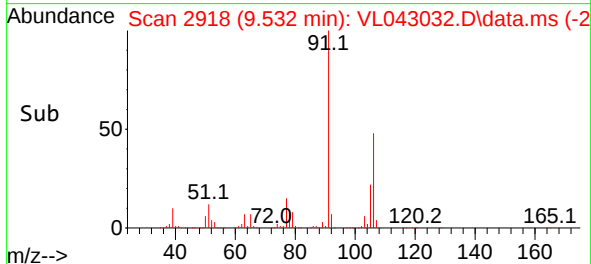
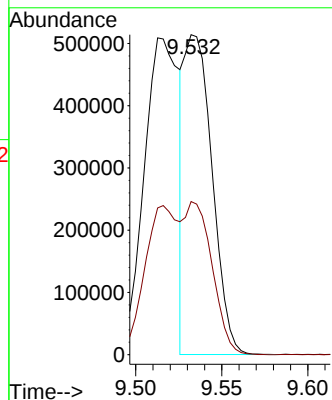
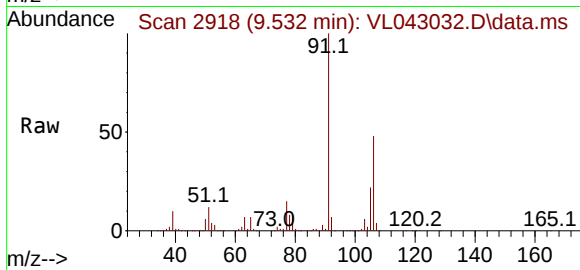




#59
m/p-Xylene
Concen: 9.828 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

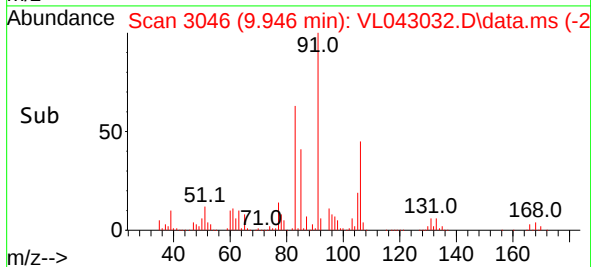
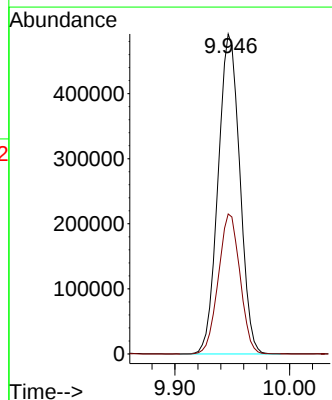
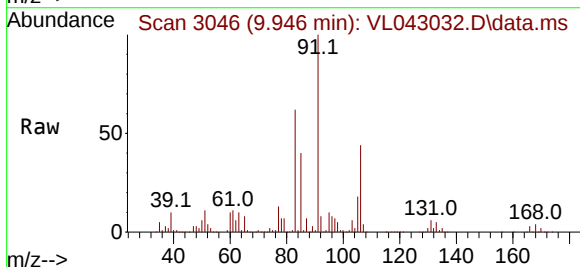
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

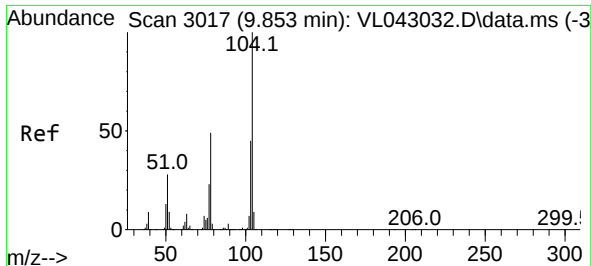
Tgt Ion: 91 Resp: 576034
Ion Ratio Lower Upper
91 100
106 105.2 37.5 56.3#



#60
o-Xylene
Concen: 11.058 ppbv
RT: 9.946 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 645403
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5

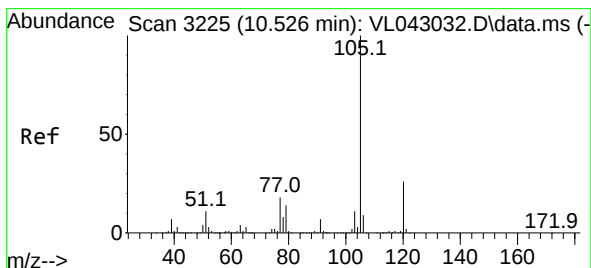
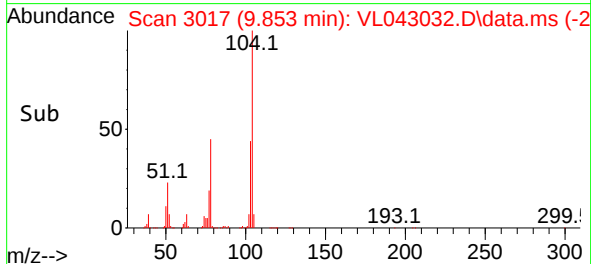
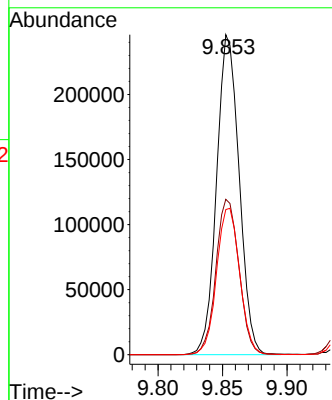
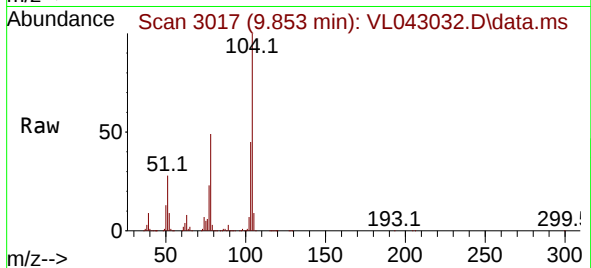




#61
Styrene
Concen: 12.212 ppbv
RT: 9.853 min Scan# 3017
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

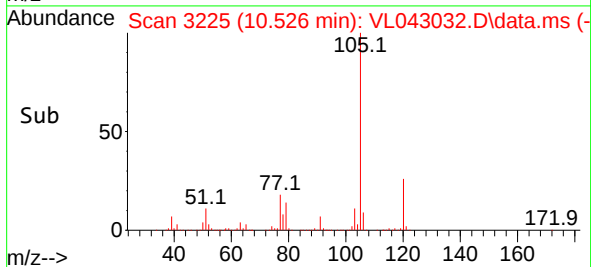
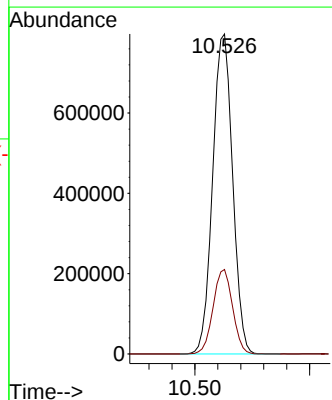
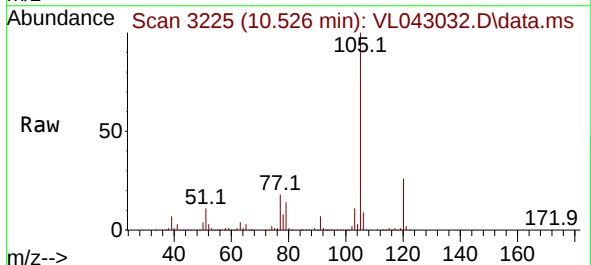
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

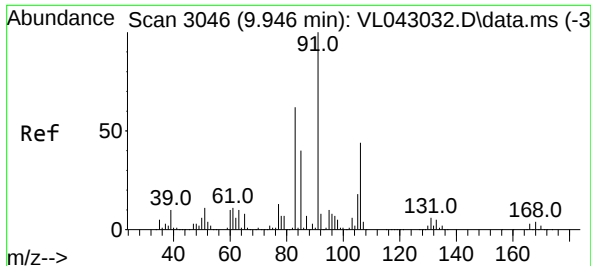
Tgt Ion:104 Resp: 298597
Ion Ratio Lower Upper
104 100
78 49.5 39.7 59.5
103 47.0 37.6 56.4



#62
Isopropylbenzene
Concen: 10.716 ppbv
RT: 10.526 min Scan# 3225
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion:105 Resp: 960158
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.278 ppbv

RT: 9.946 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

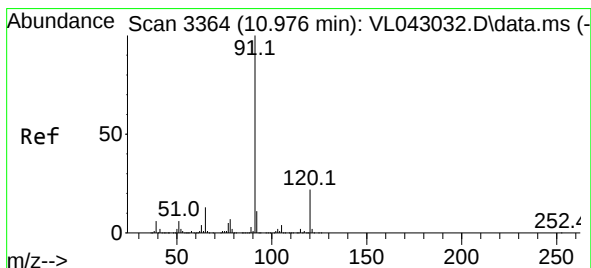
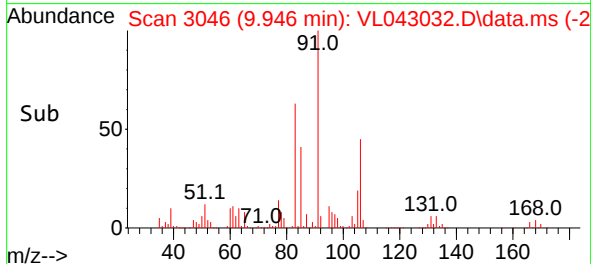
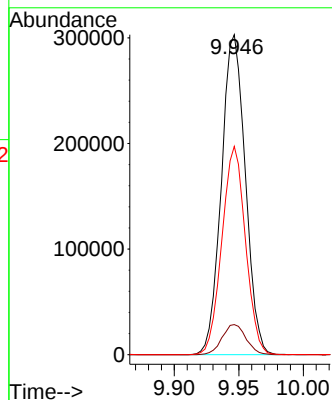
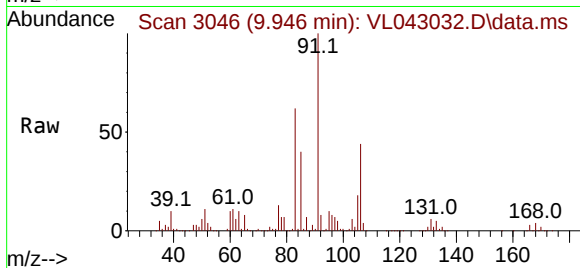
Tgt Ion: 83 Resp: 390289

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

85 64.1 32.0 96.2



#64

n-propylbenzene

Concen: 10.998 ppbv

RT: 10.976 min Scan# 3364

Delta R.T. 0.000 min

Lab File: VL043032.D

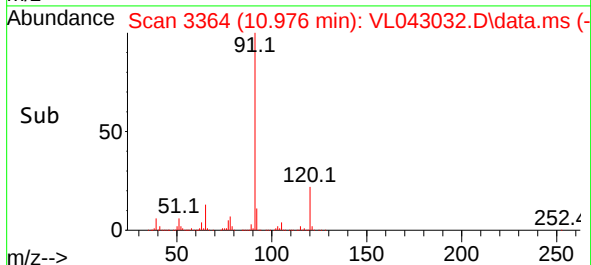
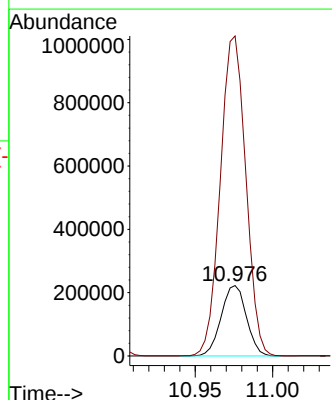
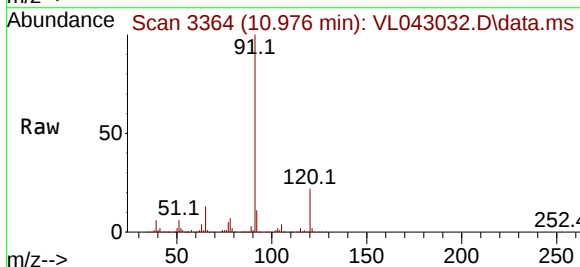
Acq: 02 Oct 2025 10:23

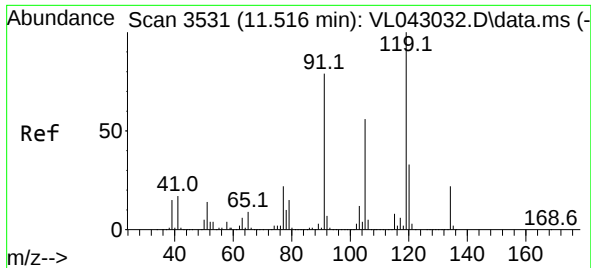
Tgt Ion: 120 Resp: 252073

Ion Ratio Lower Upper

120 100

91 460.4 367.0 550.4

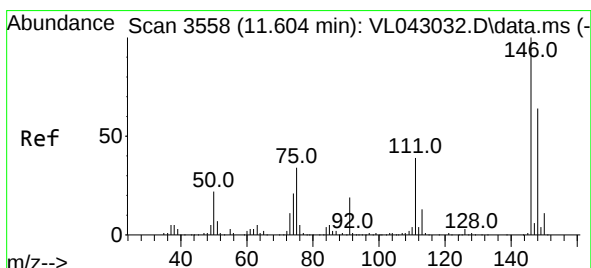
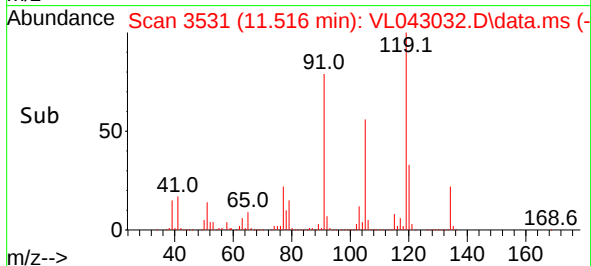
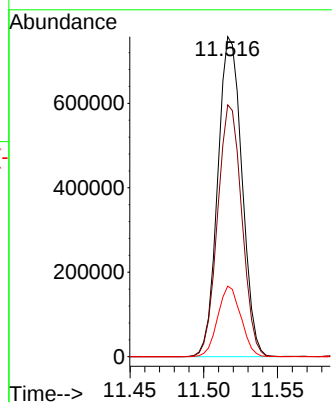
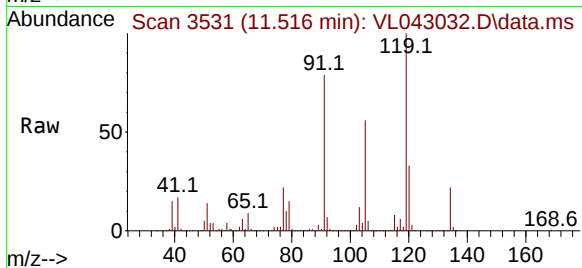




#65
tert-Butylbenzene
Concen: 10.841 ppbv
RT: 11.516 min Scan# 3531
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

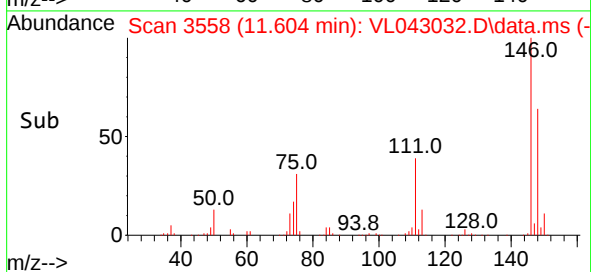
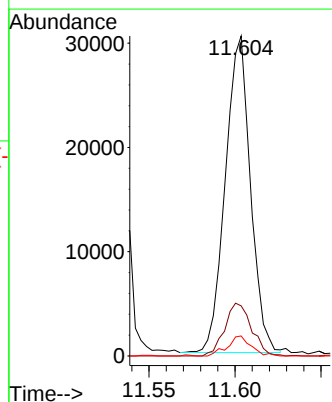
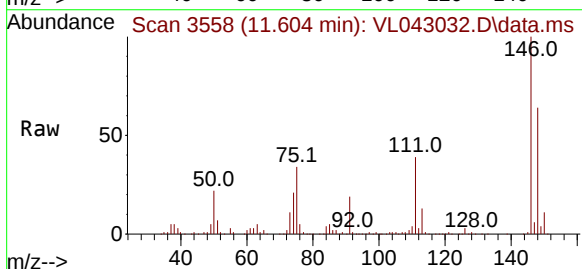
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

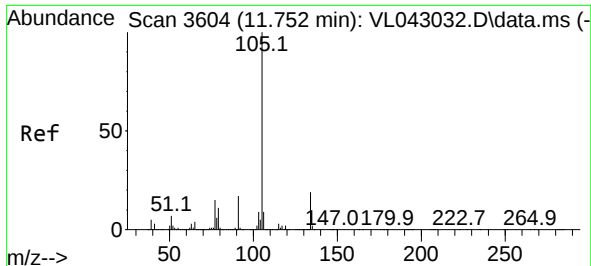
Tgt Ion:119 Resp: 864475
Ion Ratio Lower Upper
119 100
91 78.9 63.1 94.7
134 21.1 16.9 25.3



#66
Benzyl Chloride
Concen: 9.975 ppbv
RT: 11.604 min Scan# 3558
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 30823
Ion Ratio Lower Upper
91 100
126 17.8 14.2 21.4
128 6.0 4.8 7.2





#67

sec-Butylbenzene

Concen: 10.688 ppbv

RT: 11.752 min Scan# 3604

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

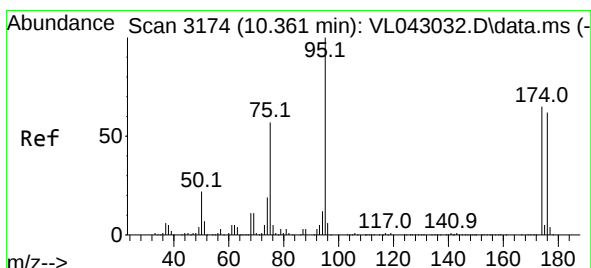
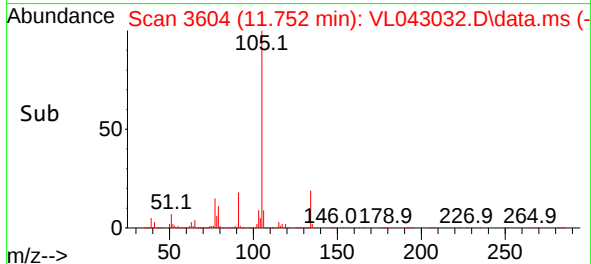
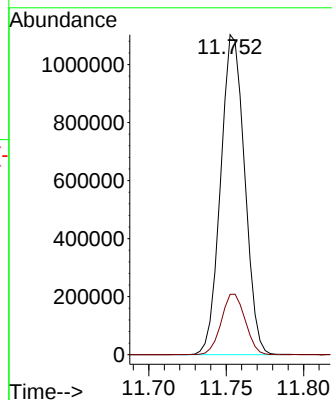
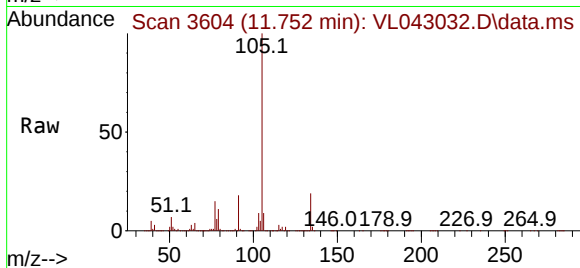
VSTDICCC010

Tgt Ion:105 Resp: 1189296

Ion Ratio Lower Upper

105 100

134 19.0 15.2 22.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.203 ppbv

RT: 10.361 min Scan# 3174

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

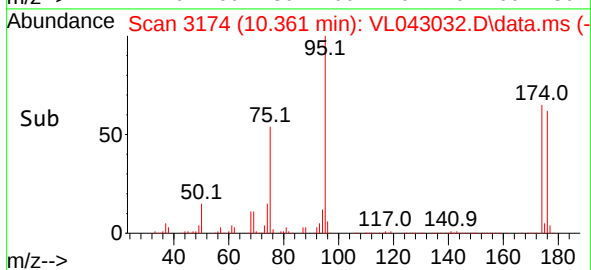
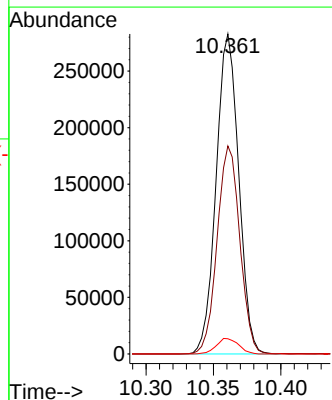
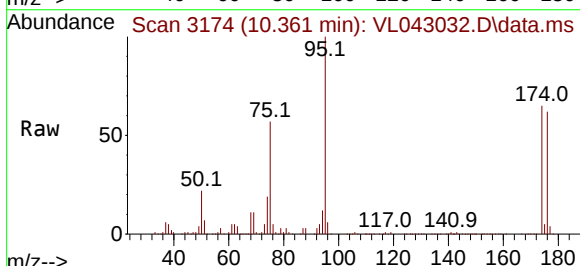
Tgt Ion: 95 Resp: 329578

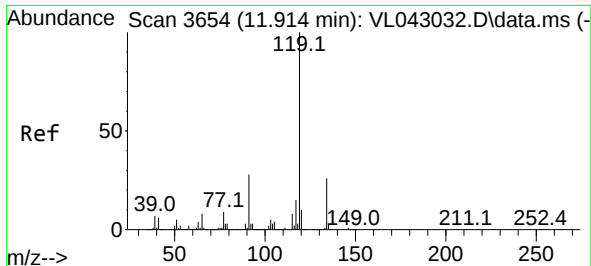
Ion Ratio Lower Upper

95 100

174 65.5 52.3 78.5

175 4.8 3.8 5.8

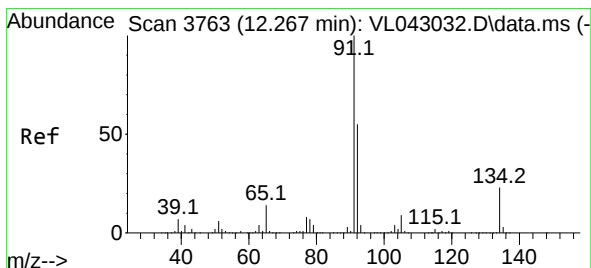
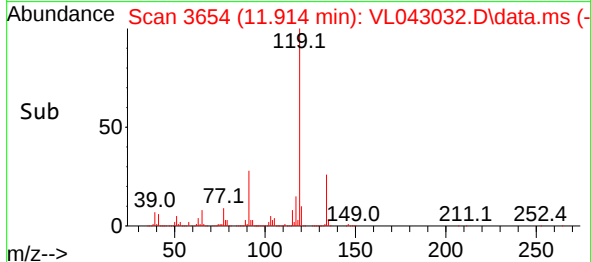
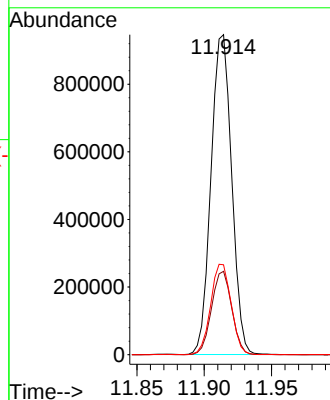
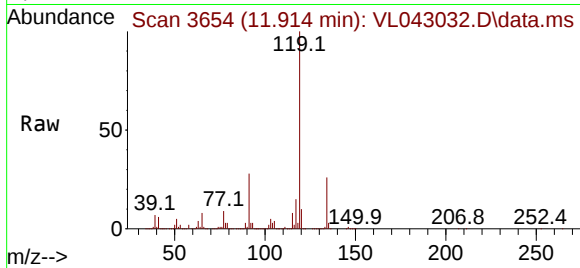




#69
p-Isopropyltoluene
Concen: 11.146 ppbv
RT: 11.914 min Scan# 3654
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

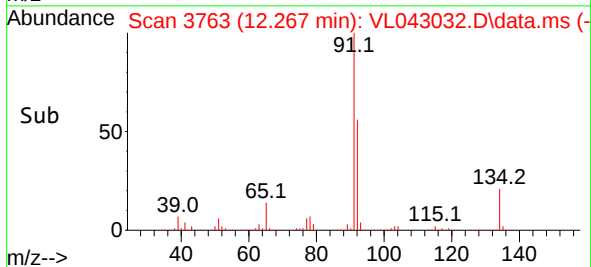
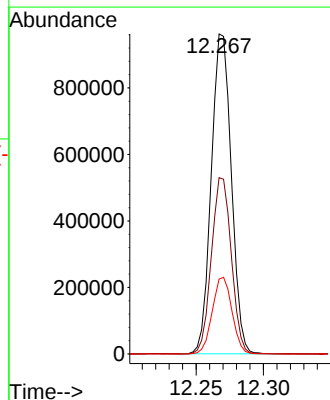
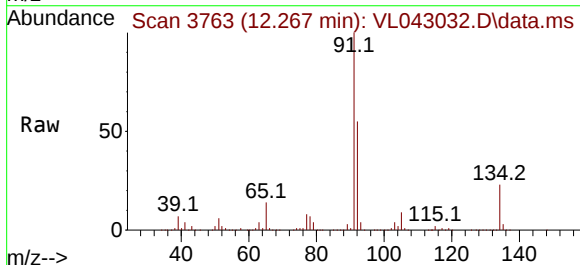
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

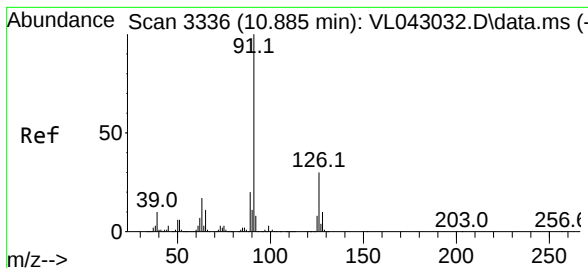
Tgt Ion:119 Resp: 1008951
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.1 22.6 33.8



#70
n-Butylbenzene
Concen: 11.433 ppbv
RT: 12.267 min Scan# 3763
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 91 Resp: 996449
Ion Ratio Lower Upper
91 100
92 54.9 43.9 65.9
134 23.6 18.9 28.3

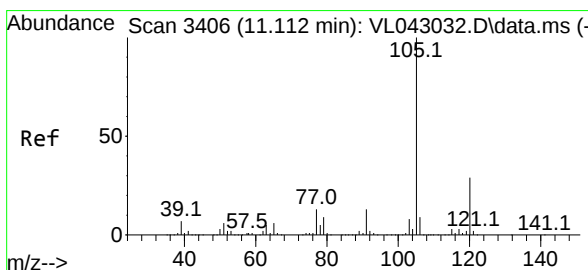
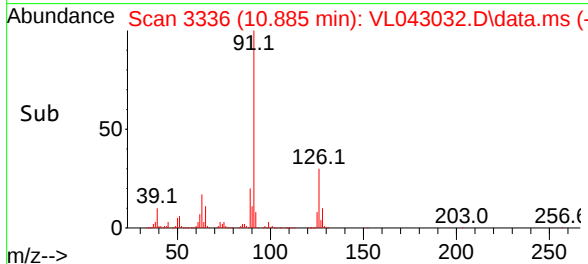
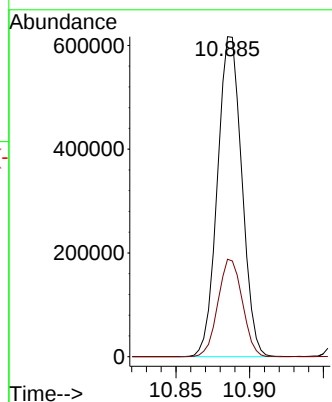
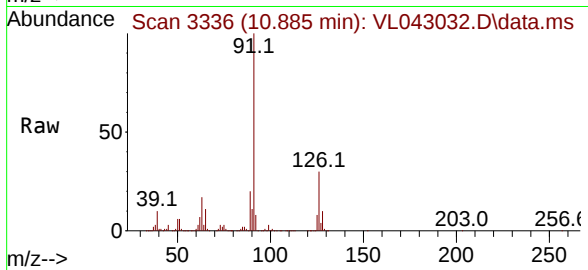




#71
2-Chlorotoluene
Concen: 10.946 ppbv
RT: 10.885 min Scan# 3336
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

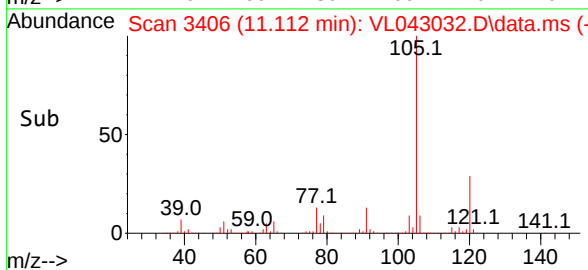
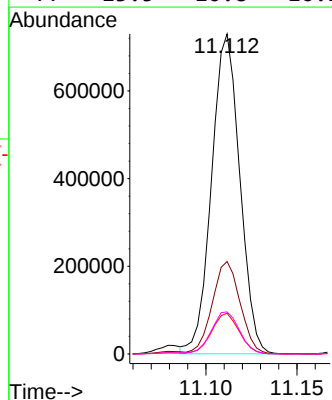
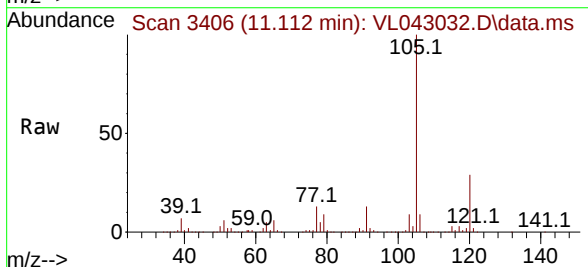
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

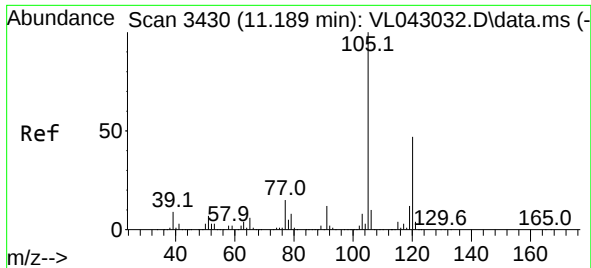
Tgt Ion: 91 Resp: 709807
Ion Ratio Lower Upper
91 100
126 30.4 12.2 48.6



#72
4-Ethyltoluene
Concen: 11.302 ppbv
RT: 11.112 min Scan# 3406
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion: 105 Resp: 785118
Ion Ratio Lower Upper
105 100
120 29.4 23.5 35.3
91 13.0 10.4 15.6
77 13.5 10.8 16.2

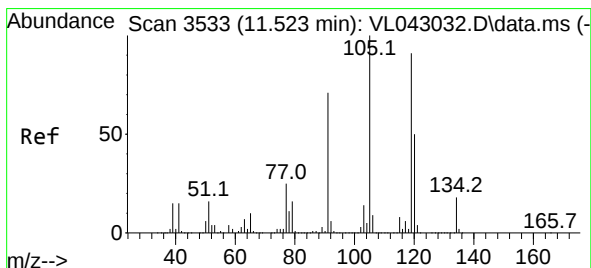
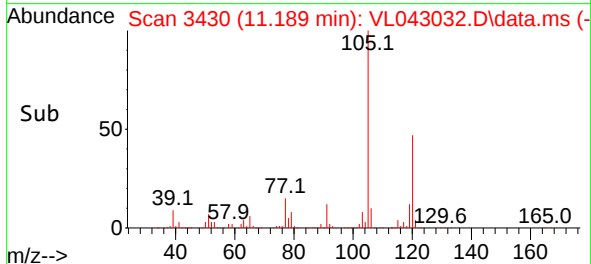
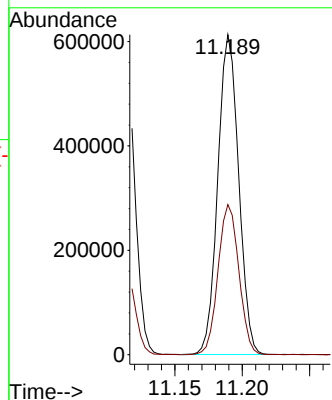
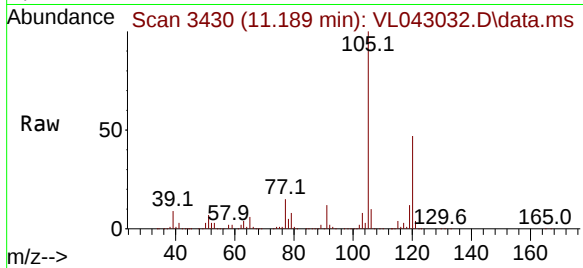




#73
 1,3,5-Trimethylbenzene
 Concen: 10.966 ppbv
 RT: 11.189 min Scan# 3430
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

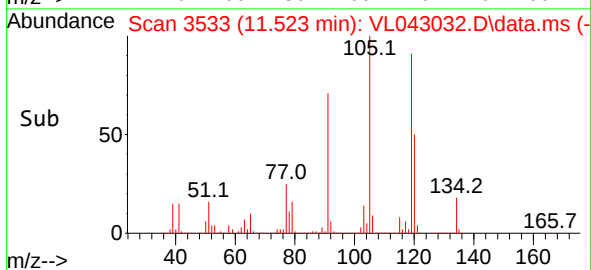
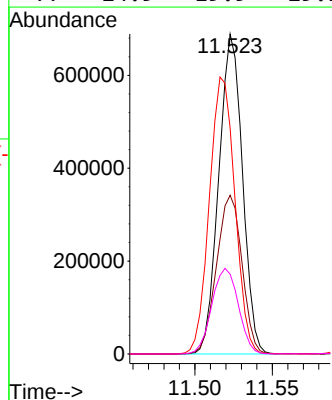
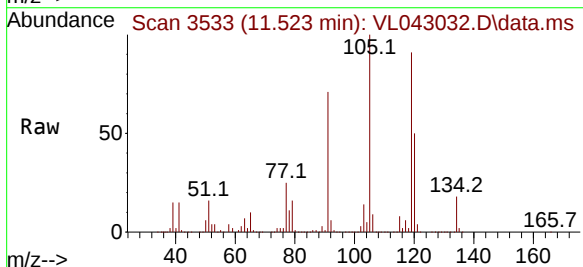
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

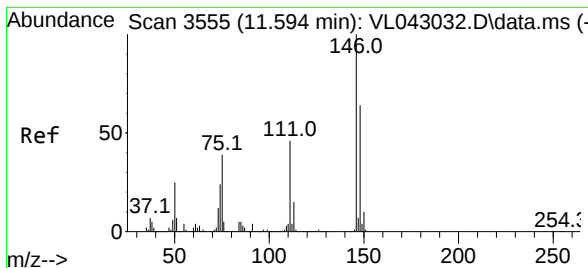
Tgt Ion:105 Resp: 659038
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.5 56.3



#74
 1,2,4-Trimethylbenzene
 Concen: 10.796 ppbv
 RT: 11.523 min Scan# 3533
 Delta R.T. 0.000 min
 Lab File: VL043032.D
 Acq: 02 Oct 2025 10:23

Tgt Ion:105 Resp: 732252
 Ion Ratio Lower Upper
 105 100
 120 49.6 39.7 59.5
 91 70.6 56.5 84.7
 77 24.9 19.9 29.9





#75

1,3-Dichlorobenzene

Concen: 9.925 ppbv

RT: 11.594 min Scan# 3555

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

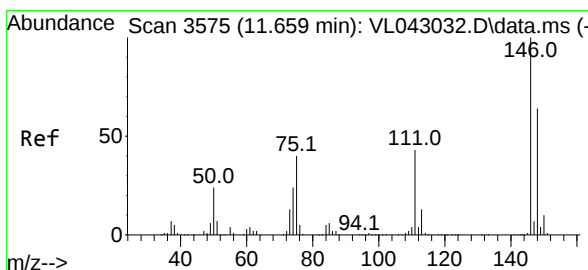
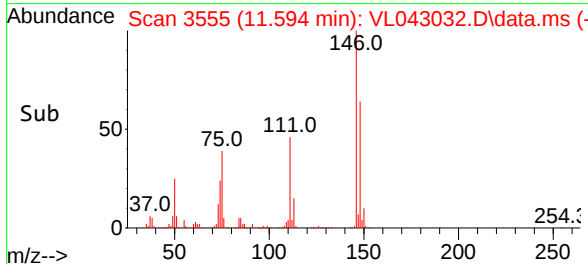
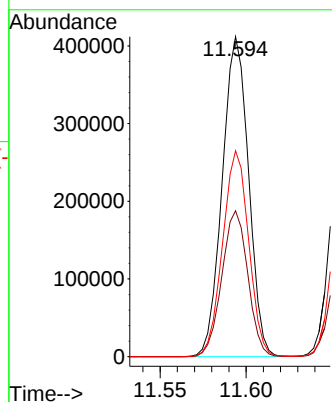
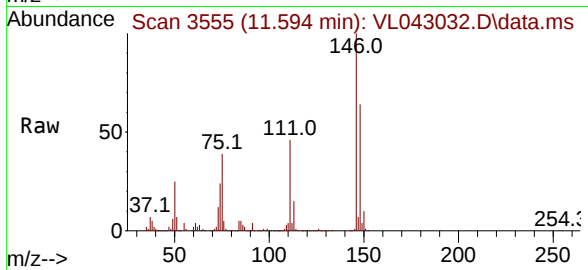
Tgt Ion:146 Resp: 437848

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.7

148 63.8 31.9 95.7



#76

1,4-Dichlorobenzene

Concen: 10.311 ppbv

RT: 11.659 min Scan# 3575

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

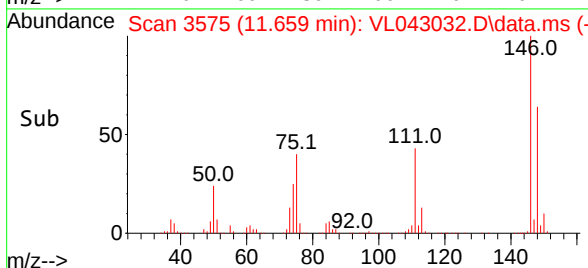
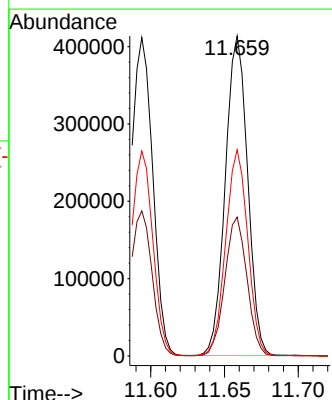
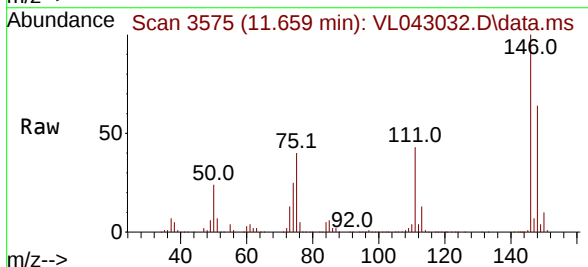
Tgt Ion:146 Resp: 433712

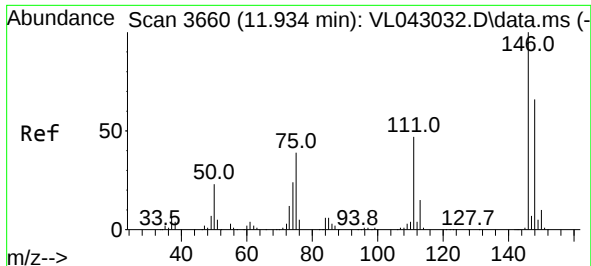
Ion Ratio Lower Upper

146 100

111 43.4 21.7 65.1

148 64.2 32.1 96.3

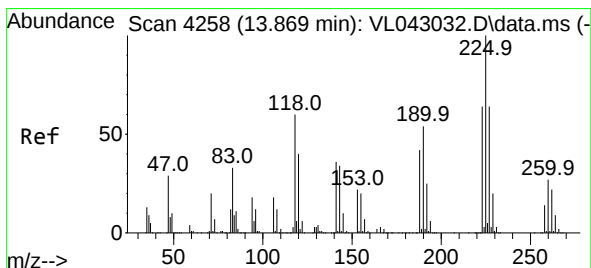
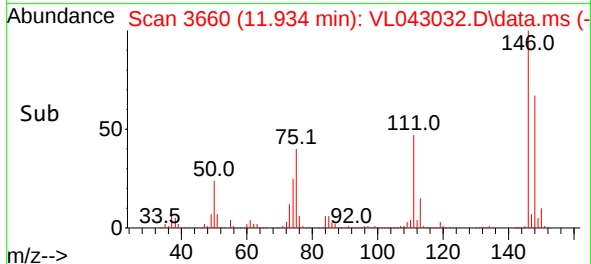
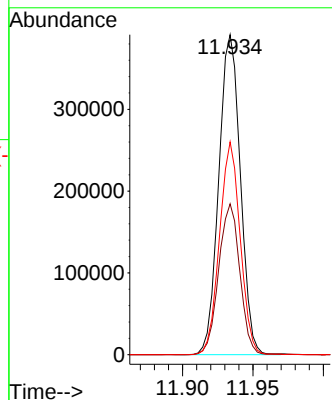
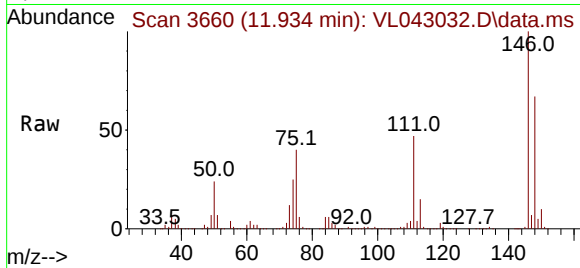




#77
1,2-Dichlorobenzene
Concen: 9.491 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

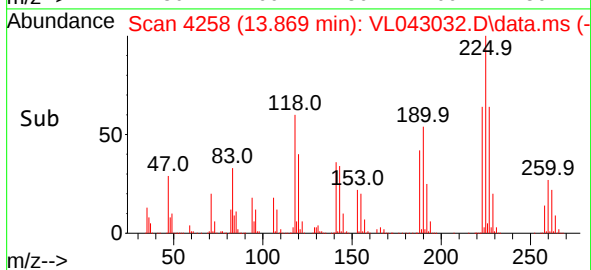
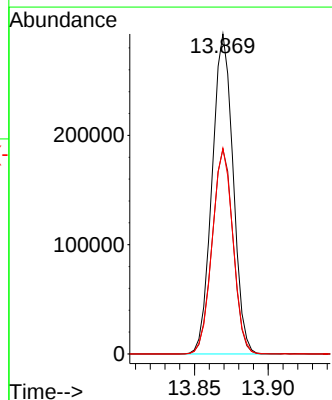
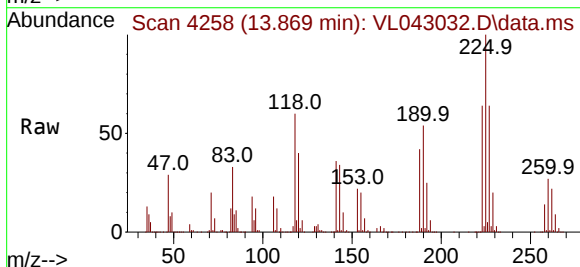
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

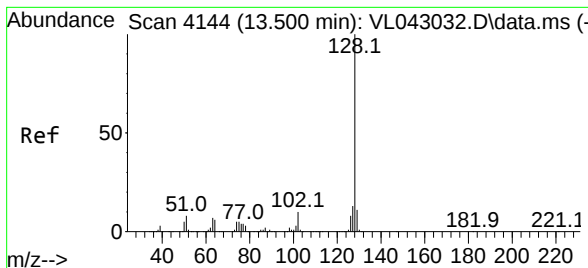
Tgt Ion:146 Resp: 417019
Ion Ratio Lower Upper
146 100
111 46.3 23.2 69.5
148 63.8 31.9 95.7



#78
Hexachloro-1,3-Butadiene
Concen: 9.452 ppbv
RT: 13.869 min Scan# 4258
Delta R.T. 0.000 min
Lab File: VL043032.D
Acq: 02 Oct 2025 10:23

Tgt Ion:225 Resp: 289398
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 63.6 50.9 76.3





#79

Naphthalene

Concen: 10.038 ppbv

RT: 13.500 min Scan# 4144

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

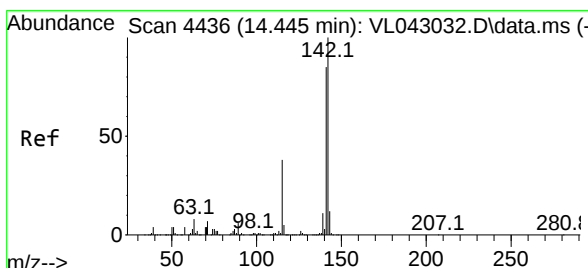
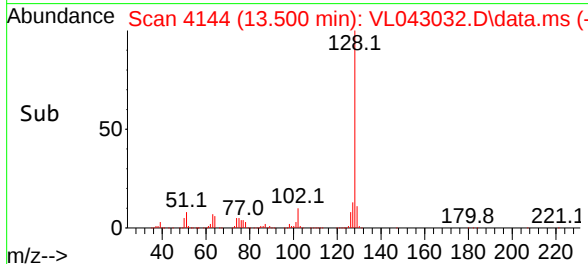
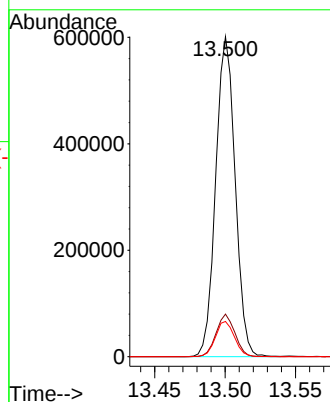
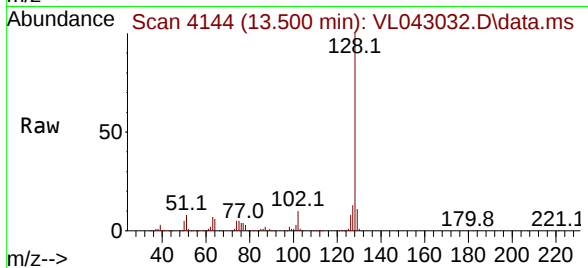
Tgt Ion:128 Resp: 577659

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.8 13.2



#80

Naphthalene,2-methyl-

Concen: 9.510 ppbv

RT: 14.445 min Scan# 4436

Delta R.T. 0.000 min

Lab File: VL043032.D

Acq: 02 Oct 2025 10:23

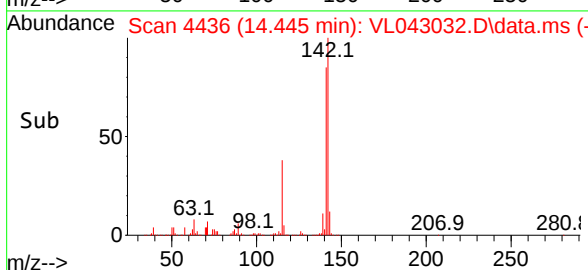
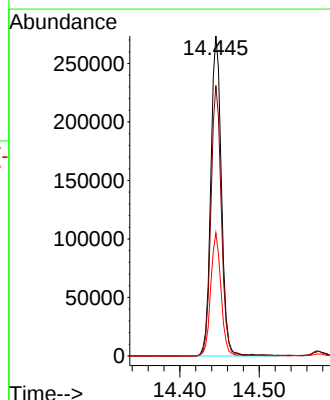
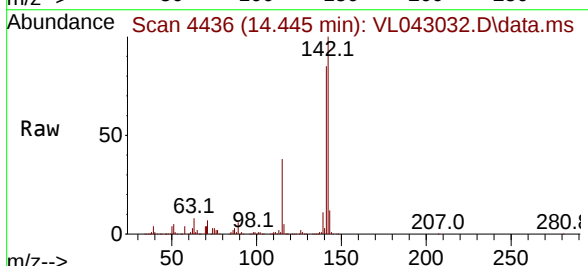
Tgt Ion:142 Resp: 254437

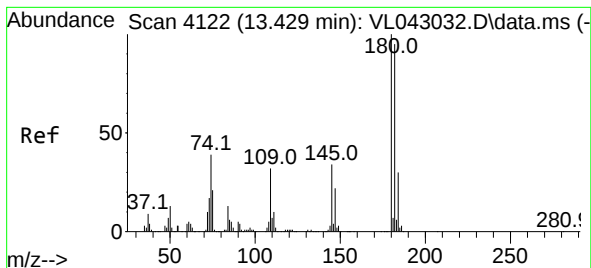
Ion Ratio Lower Upper

142 100

141 83.4 66.6 100.0

115 37.7 30.1 45.1





#81

1,2,4-Trichlorobenzene

Concen: 11.936 ppbv

RT: 13.429 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL043032.D

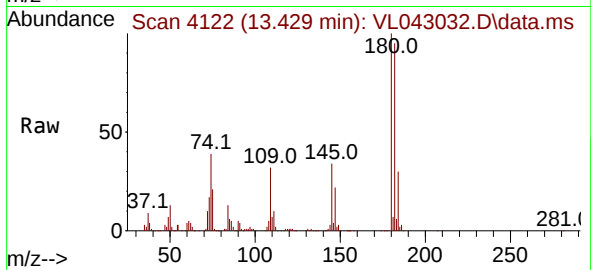
Acq: 02 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 312011

Ion Ratio Lower Upper

180 100

182 96.0 76.9 115.3

184 29.8 23.9 35.9

