

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101425\
 Data File : VL043112.D
 Acq On : 14 Oct 2025 14:51
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL101425

Quant Time: Oct 15 02:14:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	97563	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	325610	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	291676	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	229010	10.101	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	130726	9.425	ppbv	98
3) Chlorodifluoromethane	1.479	51	138956	9.260	ppbv	99
4) Chloromethane	1.538	50	48722	8.867	ppbv	96
5) Vinyl Chloride	1.583	62	47005	8.722	ppbv	97
6) Bromomethane	1.670	94	26304	8.901	ppbv	98
7) Chloroethane	1.709	64	19138	8.685	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	107147	9.558	ppbv	99
9) Propene	1.486	41	59287	8.908	ppbv	98
10) Heptane	4.991	43	165341	8.629	ppbv	99
11) Trichlorofluoromethane	1.881	101	132447	9.762	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	102449	9.380	ppbv	98
13) Ethanol	1.725	45	16837	6.839	ppbv	96
14) Bromoethene	1.787	108	37835	9.324	ppbv	100
15) Acetone	1.839	43	108010	8.214	ppbv	99
16) 1,3-Butadiene	1.612	39	55493	8.855	ppbv	98
17) tert-Butyl alcohol	2.043	59	162672	9.012	ppbv	97
18) 1,1-Dichloroethene	2.039	96	46544	9.774	ppbv	93
19) Isopropyl Alcohol	1.887	45	67552	8.248	ppbv	97
20) Methylene Chloride	2.065	84	40319	7.757	ppbv	89
21) Allyl Chloride	2.101	41	88965	9.181	ppbv	96
22) trans-1,2-Dichloroethene	2.347	96	51295	9.011	ppbv	93
23) Vinyl Acetate	2.467	43	185329	9.621	ppbv	98
24) 1,1-Dichloroethane	2.415	63	102877	9.355	ppbv	98
25) Ethyl Acetate	2.839	43	292399	8.966	ppbv	100
26) Hexane	2.832	57	135463	9.015	ppbv	97
27) Carbon Disulfide	2.156	76	131064	9.520	ppbv	100
28) Methyl tert-Butyl Ether	2.444	73	67260	9.839	ppbv	97
29) Chloroform	2.852	83	204925	9.412	ppbv	95
30) Cyclohexane	3.865	84	119287	9.096	ppbv	96
31) cis-1,2-Dichloroethene	2.725	61	137462	9.580	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	219167	9.666	ppbv	98
34) 2-Butanone	2.560	43	188755	8.624	ppbv	99
35) Carbon Tetrachloride	3.771	117	217678	9.298	ppbv	96
36) Benzene	3.664	78	278365	9.077	ppbv	97
37) 1,2-Dichloroethane	3.224	62	161750	9.156	ppbv	98
38) Trichloroethene	4.557	130	108261	8.453	ppbv	96
39) 1,2-Dichloropropane	4.321	63	100580	8.971	ppbv	96
40) 1,4-Dioxane	4.587	88	41464	8.265	ppbv #	95
41) Tetrahydrofuran	3.056	42	104701	8.553	ppbv	99
42) Bromodichloromethane	4.496	83	228288	9.336	ppbv	96
43) Methyl Methacrylate	4.884	69	138593	8.898	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	452117	8.738	ppbv	99
45) t-1,3-Dichloropropene	6.422	75	142964	9.146	ppbv	100

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

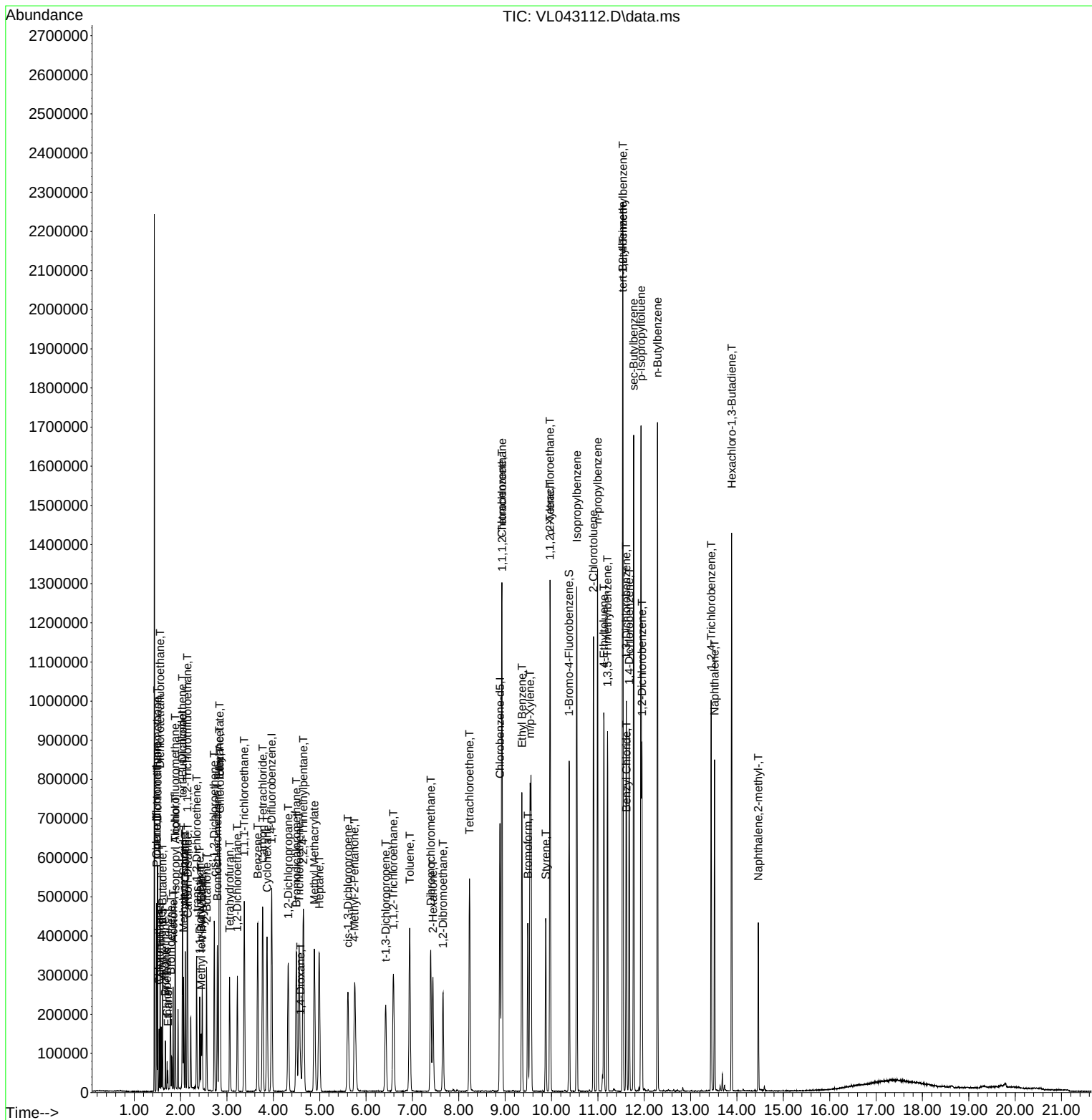
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

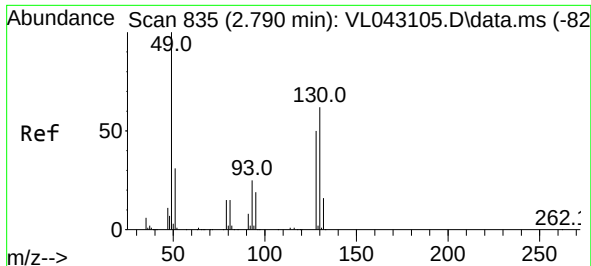
Quant Time: Oct 15 02:14:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	170038	9.106	ppbv	95
47) 1,1,2-Trichloroethane	6.590	97	108965	9.000	ppbv	96
48) Dibromochloromethane	7.396	129	184757	9.127	ppbv	100
49) Bromoform	9.490	173	147759	8.980	ppbv	100
50) 4-Methyl-2-Pentanone	5.752	43	263070	8.709	ppbv	100
51) 2-Hexanone	7.441	43	203876	8.999	ppbv #	99
52) Tetrachloroethene	8.231	164	96000	8.681	ppbv	97
53) Toluene	6.943	91	324944	8.928	ppbv	100
54) 1,2-Dibromoethane	7.661	107	167936	8.856	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.933	131	166059	9.031	ppbv	98
57) Chlorobenzene	8.930	112	239309	8.770	ppbv	99
58) Ethyl Benzene	9.361	91	450029	8.990	ppbv	99
59) m/p-Xylene	9.539	91	392158	9.822	ppbv #	29
60) o-Xylene	9.969	91	348346	8.834	ppbv	100
61) Styrene	9.878	104	161979	9.099	ppbv	98
62) Isopropylbenzene	10.545	105	621758	8.726	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.966	83	215911	8.177	ppbv	100
64) n-propylbenzene	10.995	120	160411	8.503	ppbv	94
65) tert-Butylbenzene	11.536	119	532570	8.464	ppbv	98
66) Benzyl Chloride	11.620	91	58169	8.306	ppbv	98
67) sec-Butylbenzene	11.772	105	762711	8.541	ppbv	98
69) p-Isopropyltoluene	11.930	119	638261	8.411	ppbv	99
70) n-Butylbenzene	12.286	91	641547	8.579	ppbv	99
71) 2-Chlorotoluene	10.904	91	479799	8.828	ppbv	99
72) 4-Ethyltoluene	11.128	105	427034	8.807	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	354875	8.874	ppbv	95
74) 1,2,4-Trimethylbenzene	11.542	105	372506	8.324	ppbv	92
75) 1,3-Dichlorobenzene	11.610	146	219423	8.454	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	221364	8.458	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	204178	8.132	ppbv	98
78) Hexachloro-1,3-Butadiene	13.885	225	144646	7.440	ppbv	99
79) Naphthalene	13.516	128	389814	8.334	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	123632	10.146	ppbv	97
81) 1,2,4-Trichlorobenzene	13.445	180	162553	8.373	ppbv	98

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

Quant Time: Oct 15 02:14:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Oct 15 02:12:58 2025
Response via : Initial Calibration

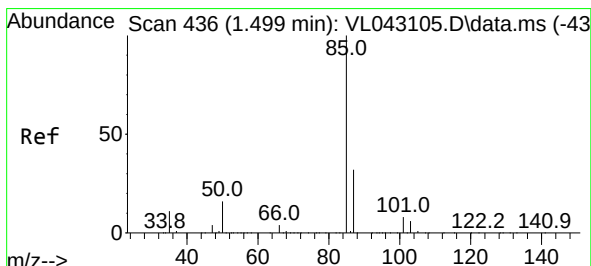
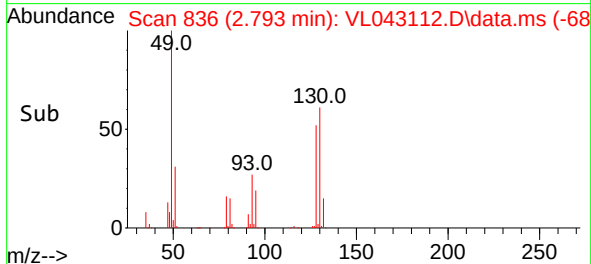
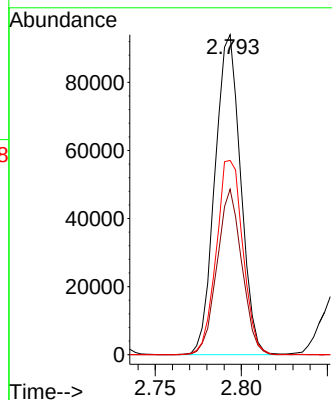
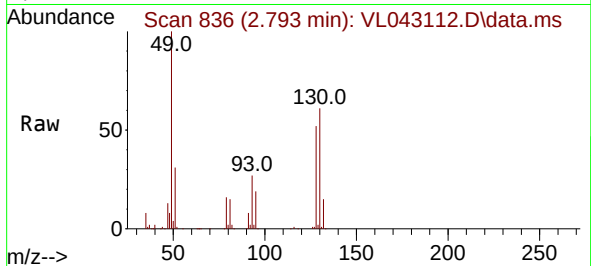




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.793 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

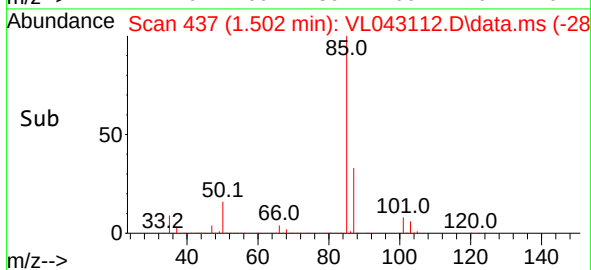
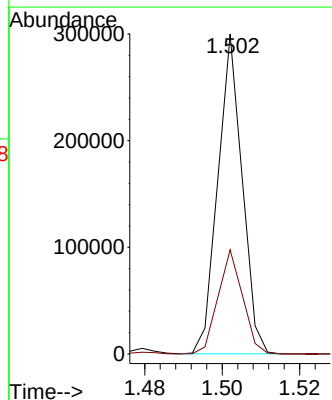
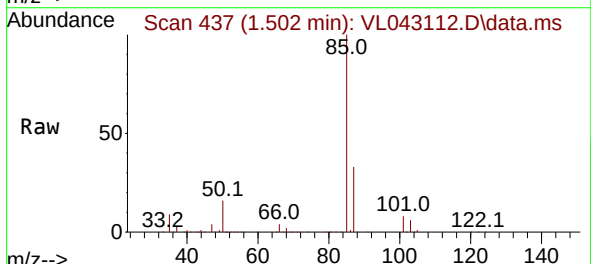
Instrument :
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 ClientSampleId :
 ICVVL101425

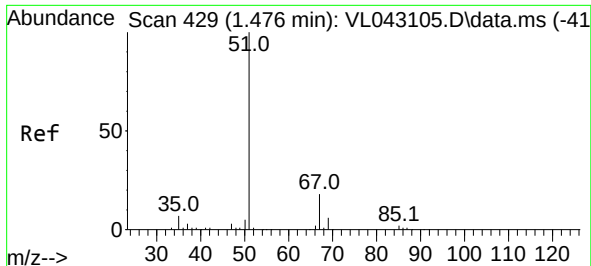
Tgt Ion: 49 Resp: 97563
 Ion Ratio Lower Upper
 49 100
 128 50.0 24.4 73.4
 130 62.8 31.0 93.0



#2
 Dichlorodifluoromethane
 Concen: 9.425 ppbv
 RT: 1.502 min Scan# 437
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 85 Resp: 130726
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.3 37.9

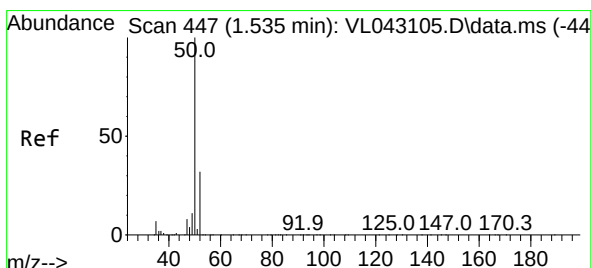
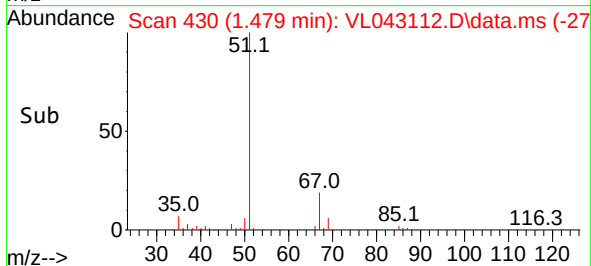
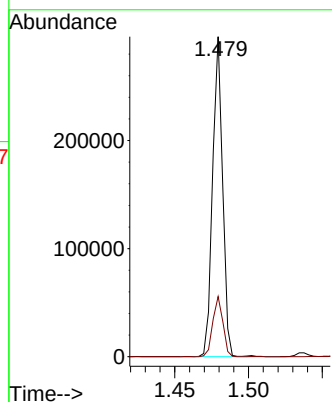
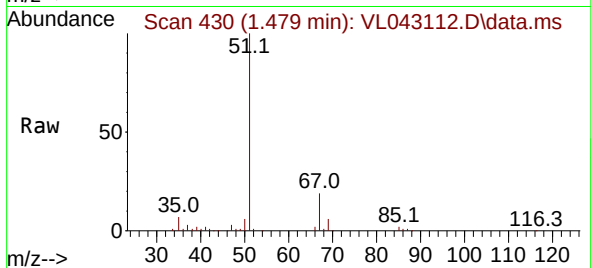




#3
Chlorodifluoromethane
Concen: 9.260 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

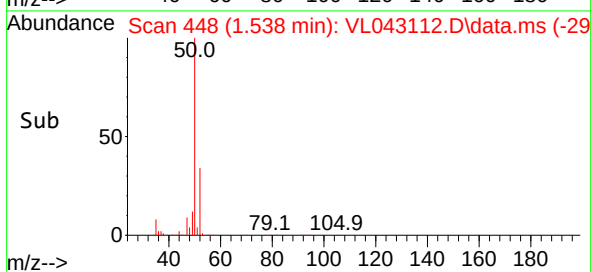
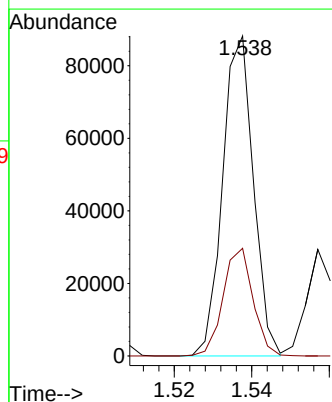
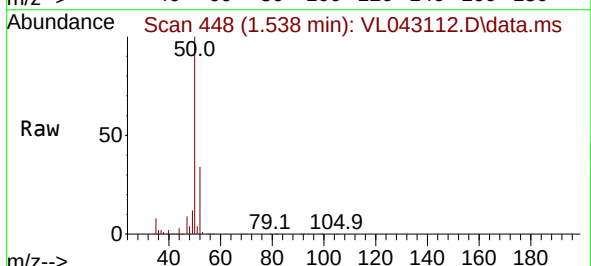
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ClientSampleId :
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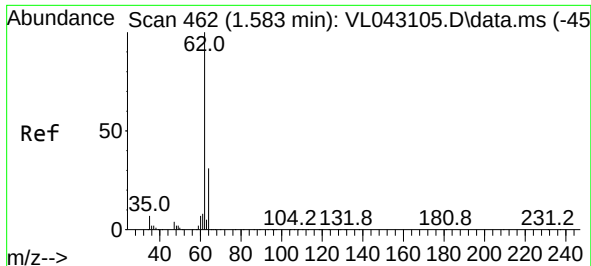
Tgt Ion: 51 Resp: 138956
Ion Ratio Lower Upper
51 100
67 19.1 15.1 22.7



#4
Chloromethane
Concen: 8.867 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 50 Resp: 48722
Ion Ratio Lower Upper
50 100
52 33.4 25.2 37.8

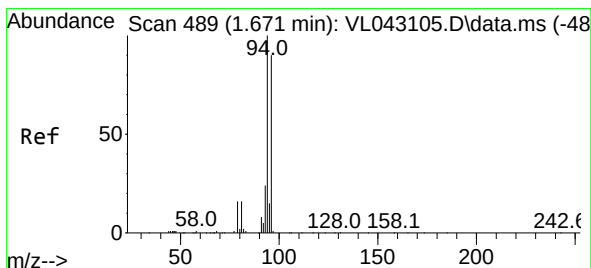
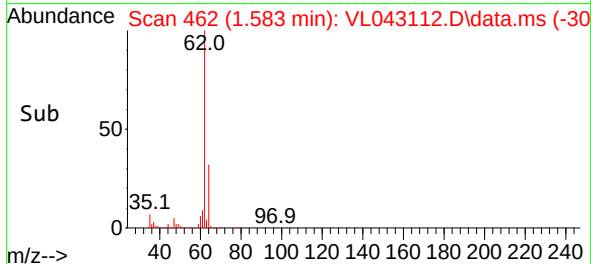
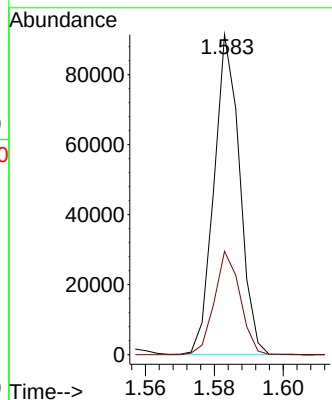
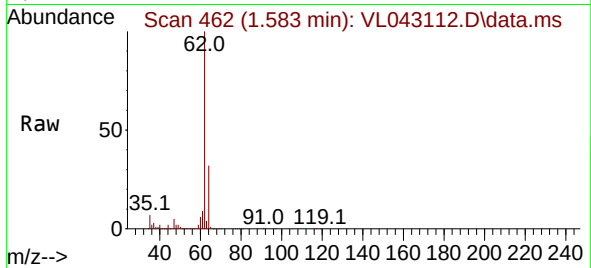




#5
 Vinyl Chloride
 Concen: 8.722 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

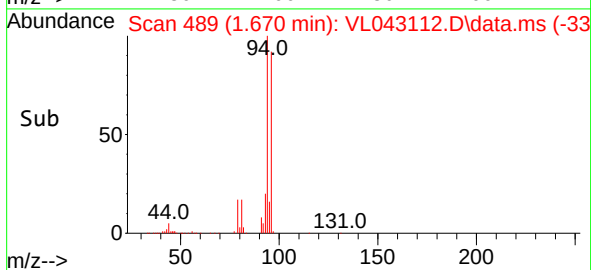
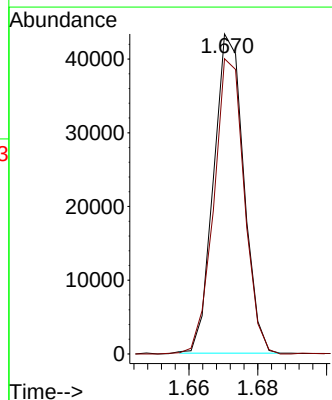
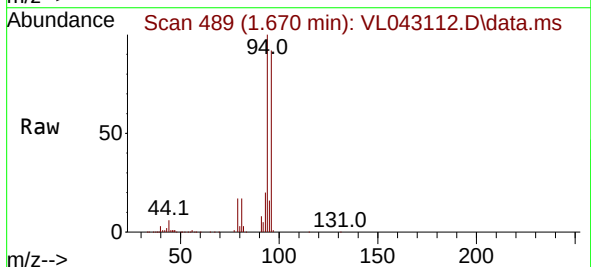
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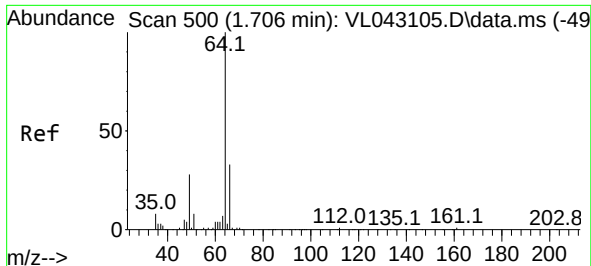
Tgt Ion: 62 Resp: 47005
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 36.8



#6
 Bromomethane
 Concen: 8.901 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 94 Resp: 26304
 Ion Ratio Lower Upper
 94 100
 96 92.5 72.2 108.4

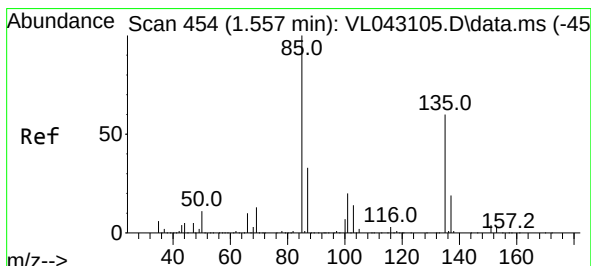
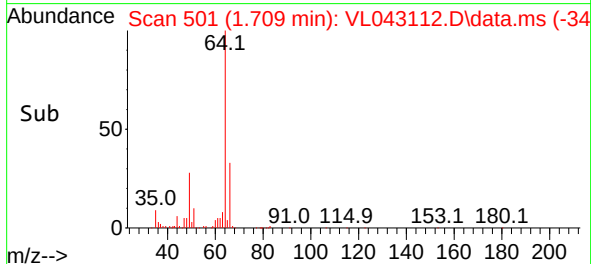
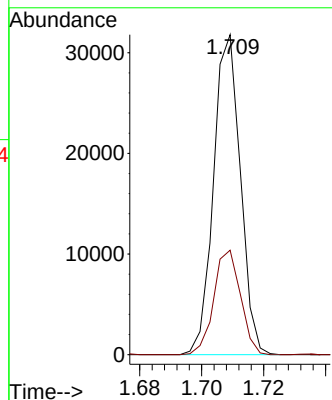
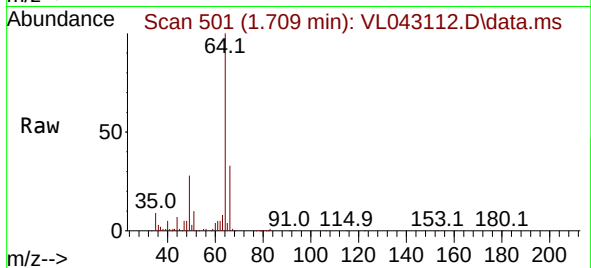




#7
Chloroethane
Concen: 8.685 ppbv
RT: 1.709 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

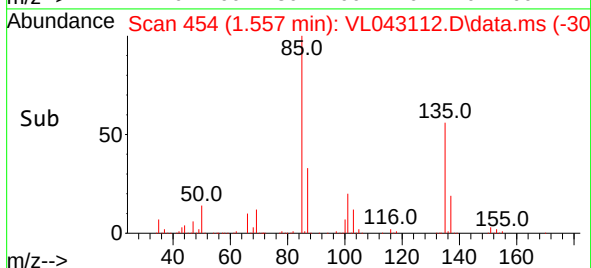
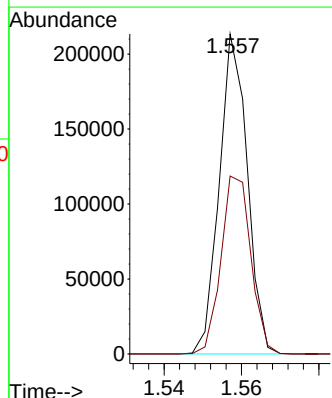
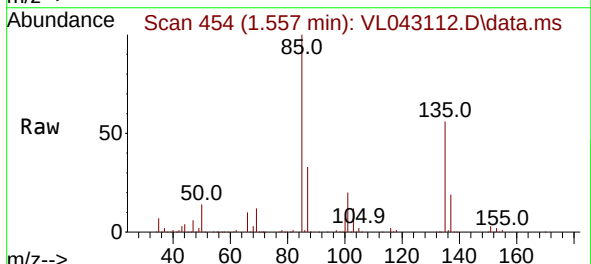
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ClientSampleId :
ICVVL101425

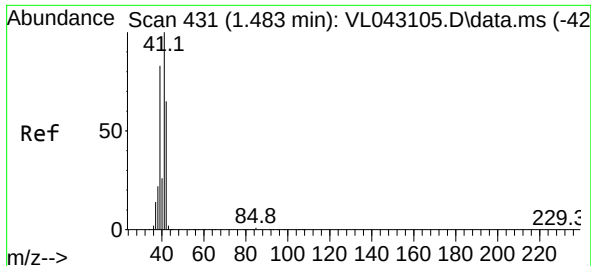
Tgt Ion: 64 Resp: 19138
Ion Ratio Lower Upper
64 100
66 32.7 26.0 39.0



#8
Dichlorotetrafluoroethane
Concen: 9.558 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 85 Resp: 107147
Ion Ratio Lower Upper
85 100
135 59.5 48.2 72.4





#9

Propene

Concen: 8.908 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

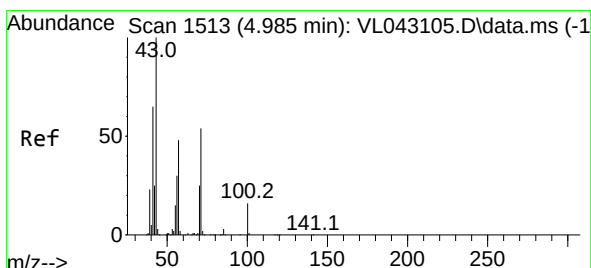
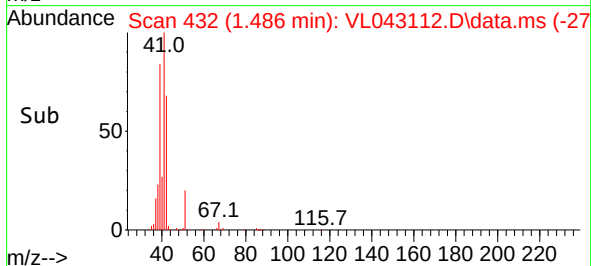
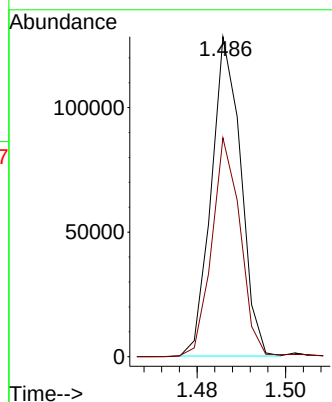
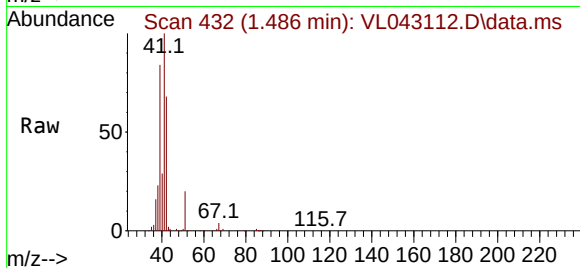
ICVVL101425

Tgt Ion: 41 Resp: 59287

Ion Ratio Lower Upper

41 100

42 67.3 55.1 82.7



#10

Heptane

Concen: 8.629 ppbv

RT: 4.991 min Scan# 1515

Delta R.T. 0.006 min

Lab File: VL043112.D

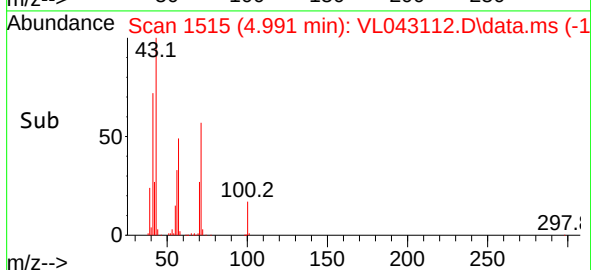
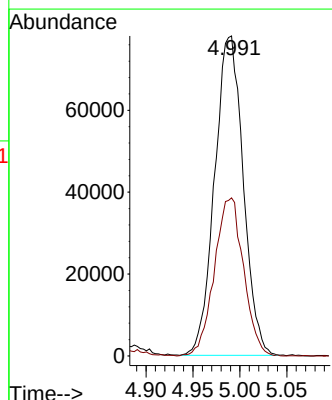
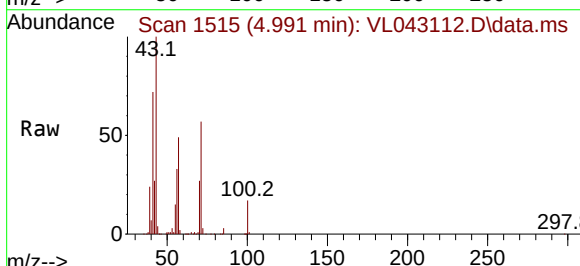
Acq: 14 Oct 2025 14:51

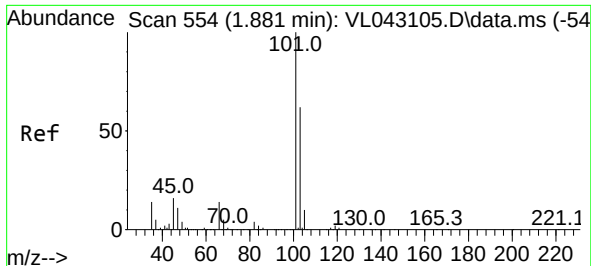
Tgt Ion: 43 Resp: 165341

Ion Ratio Lower Upper

43 100

57 50.4 40.8 61.2

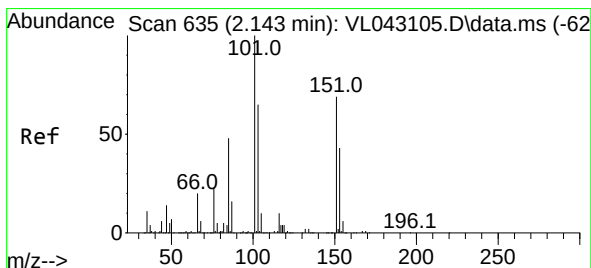
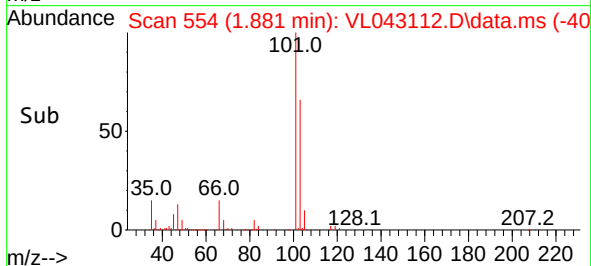
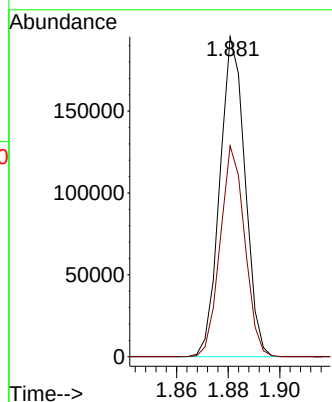
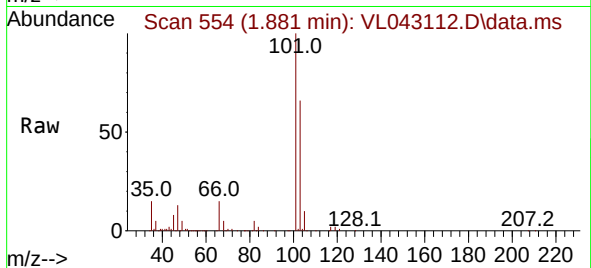




#11
 Trichlorofluoromethane
 Concen: 9.762 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

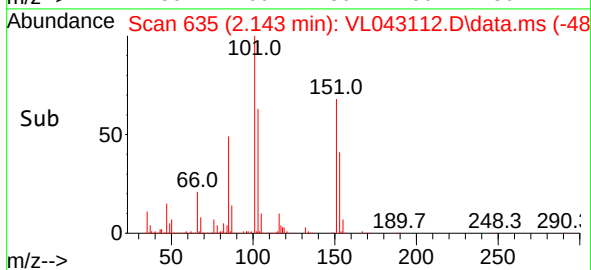
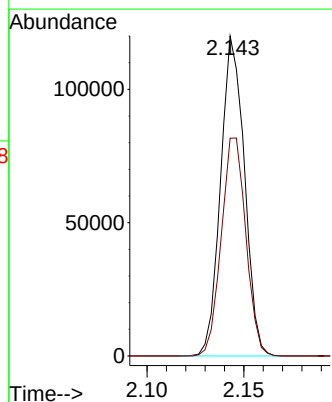
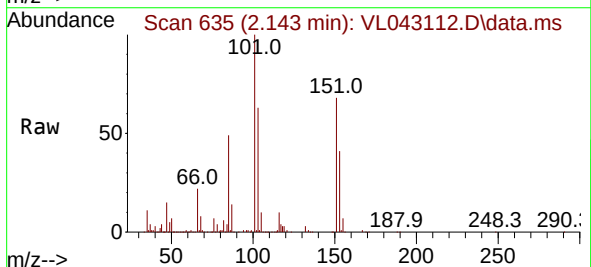
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

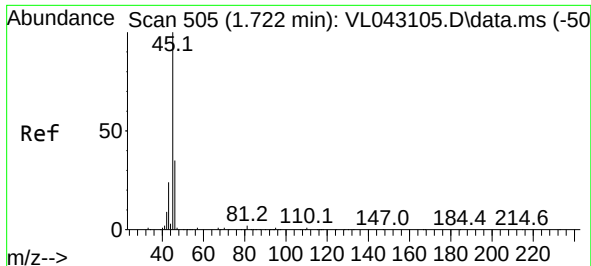
Tgt Ion:101 Resp: 132447
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.3 73.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.380 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion:101 Resp: 102449
 Ion Ratio Lower Upper
 101 100
 151 70.4 54.7 82.1

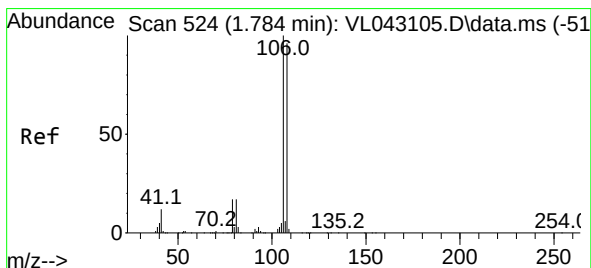
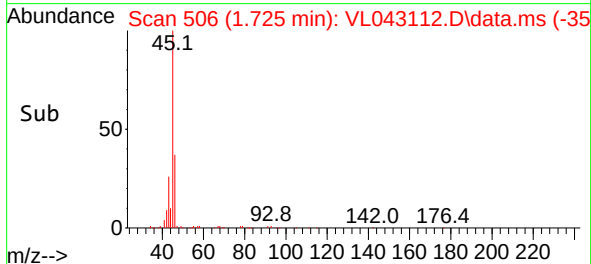
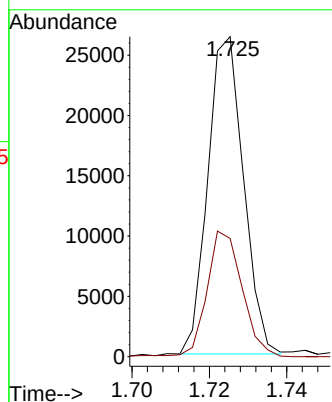
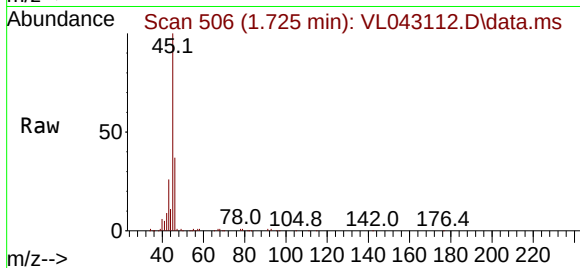




#13
 Ethanol
 Concen: 6.839 ppbv
 RT: 1.725 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

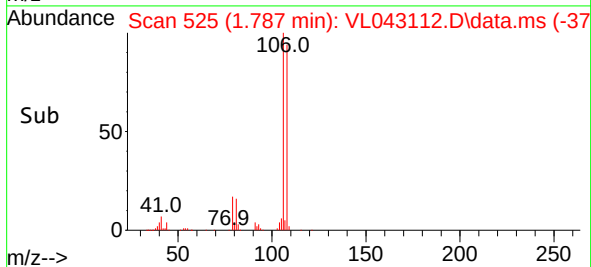
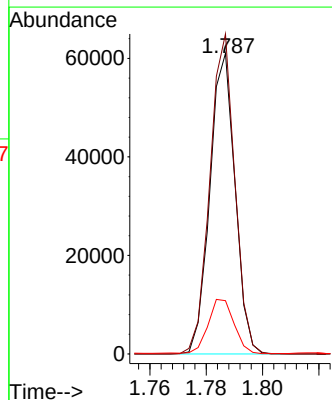
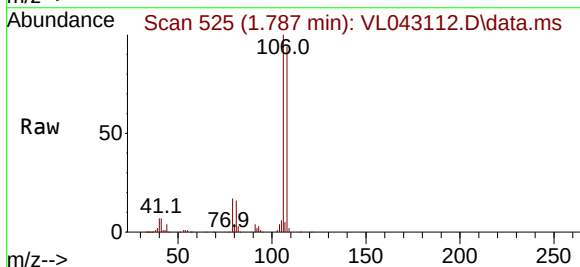
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

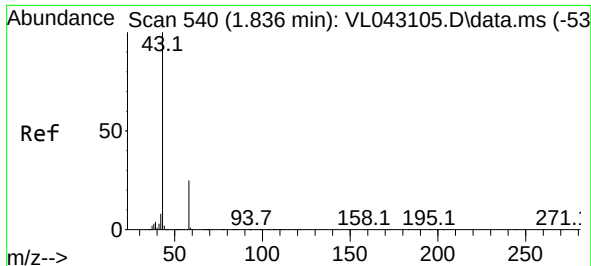
Tgt Ion: 45 Resp: 16837
 Ion Ratio Lower Upper
 45 100
 46 39.2 14.7 58.9



#14
 Bromoethene
 Concen: 9.324 ppbv
 RT: 1.787 min Scan# 525
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 108 Resp: 37835
 Ion Ratio Lower Upper
 108 100
 106 105.3 84.4 126.6
 79 18.7 15.3 22.9

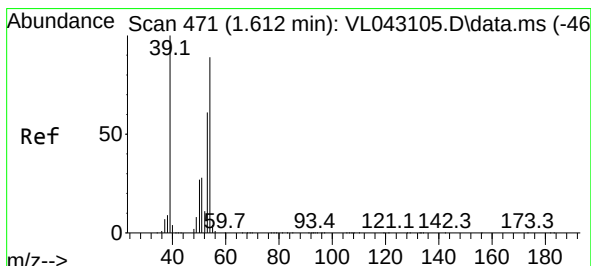
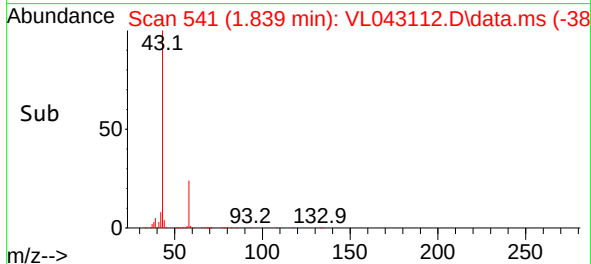
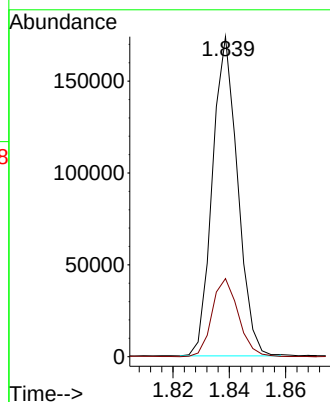
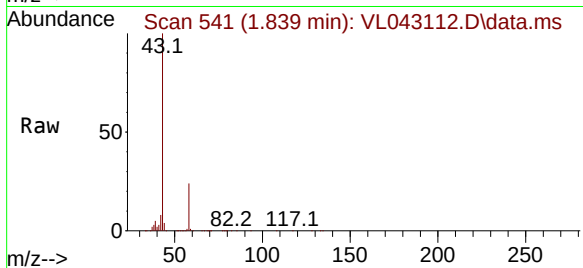




#15
Acetone
Concen: 8.214 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

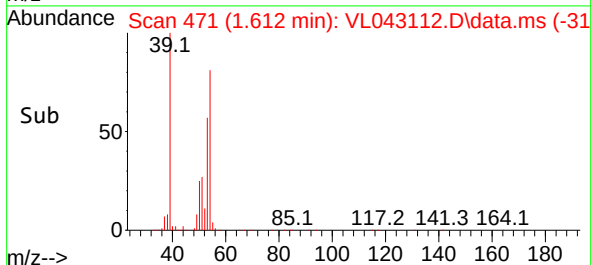
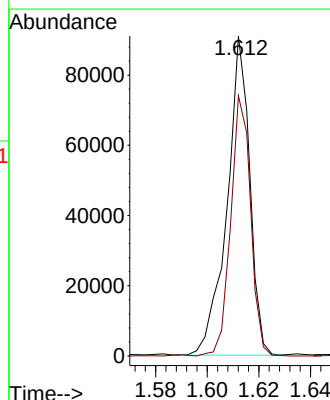
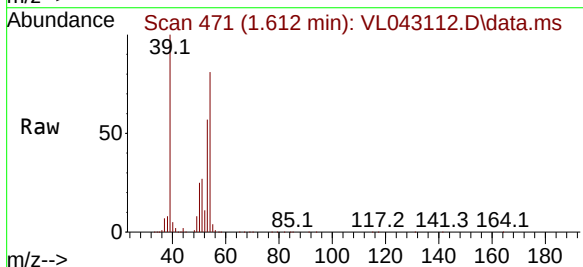
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ClientSampleId :
ICVVL101425

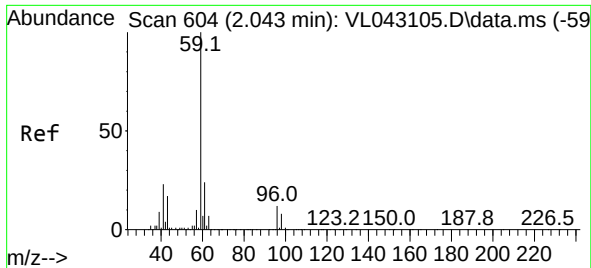
Tgt Ion: 43 Resp: 108010
Ion Ratio Lower Upper
43 100
58 25.7 20.8 31.2



#16
1,3-Butadiene
Concen: 8.855 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 39 Resp: 55493
Ion Ratio Lower Upper
39 100
54 72.0 59.0 88.4

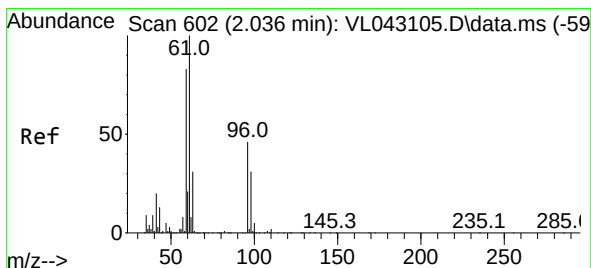
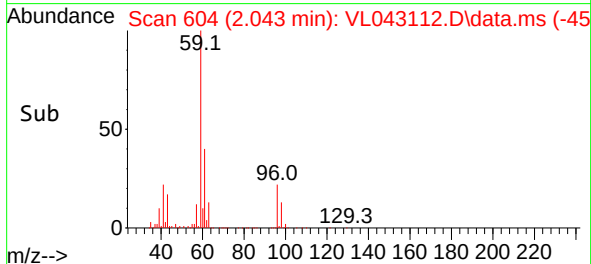
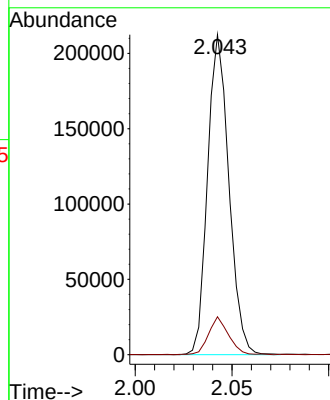
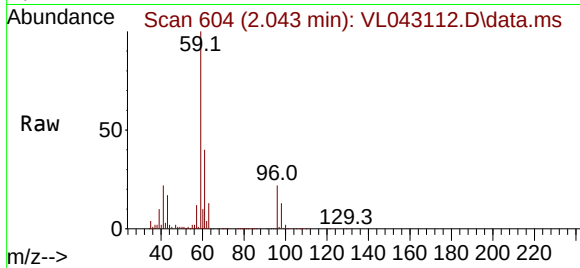




#17
 tert-Butyl alcohol
 Concen: 9.012 ppbv
 RT: 2.043 min Scan# 604
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

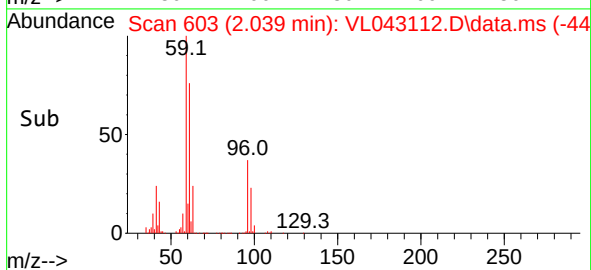
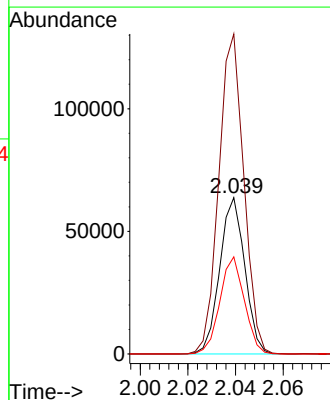
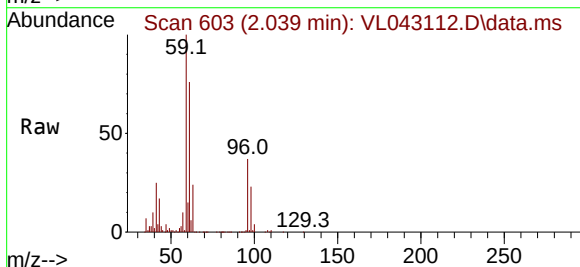
Instrument :
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 ClientSampleId :
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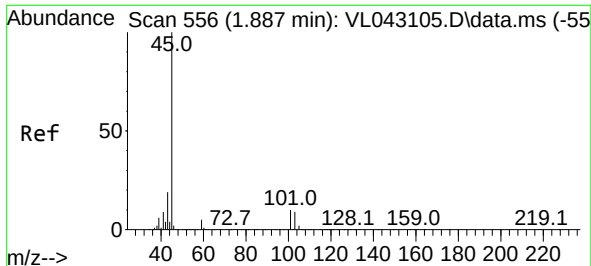
Tgt Ion: 59 Resp: 162672
 Ion Ratio Lower Upper
 59 100
 57 11.4 8.2 12.4



#18
 1,1-Dichloroethene
 Concen: 9.774 ppbv
 RT: 2.039 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 96 Resp: 46544
 Ion Ratio Lower Upper
 96 100
 61 204.7 173.4 260.0
 98 62.1 53.2 79.8

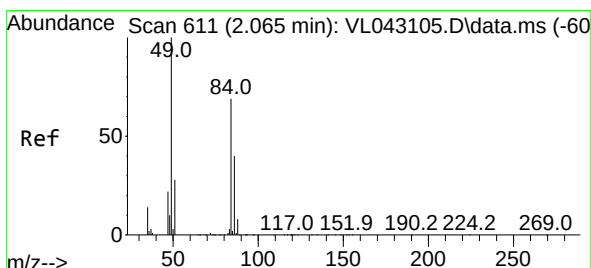
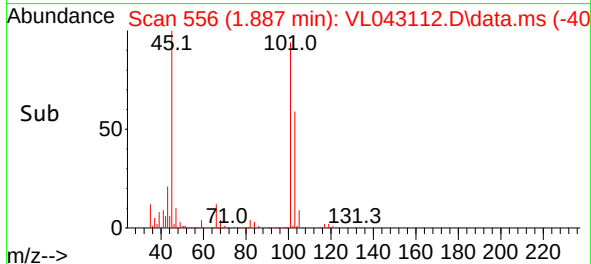
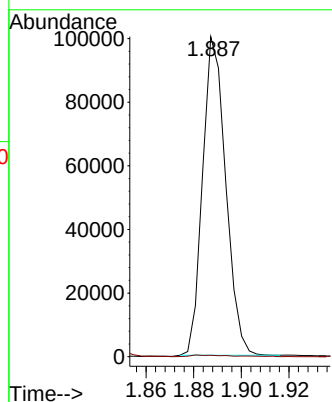
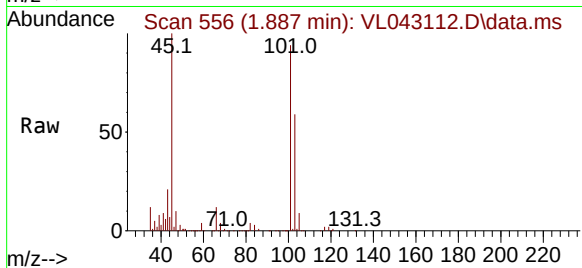




#19
Isopropyl Alcohol
Concen: 8.248 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

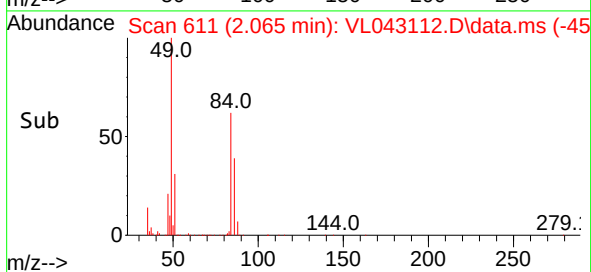
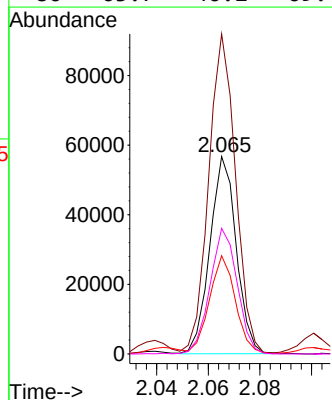
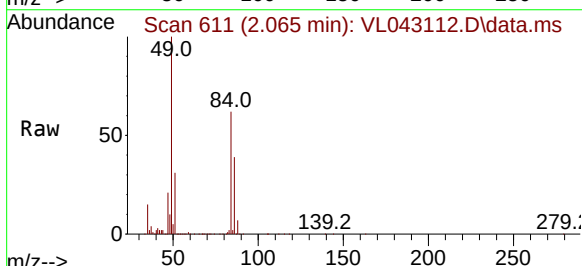
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

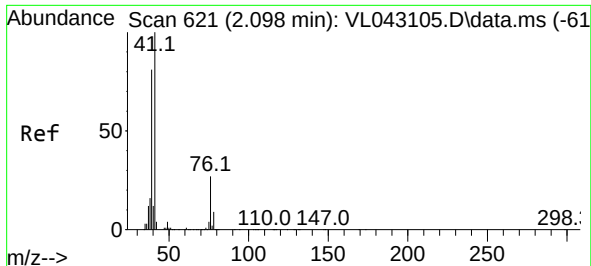
Tgt Ion: 45 Resp: 67552
Ion Ratio Lower Upper
45 100
58 41.1 31.3 46.9



#20
Methylene Chloride
Concen: 7.757 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 84 Resp: 40319
Ion Ratio Lower Upper
84 100
49 161.4 116.6 175.0
51 49.4 34.8 52.2
86 63.7 46.2 69.4

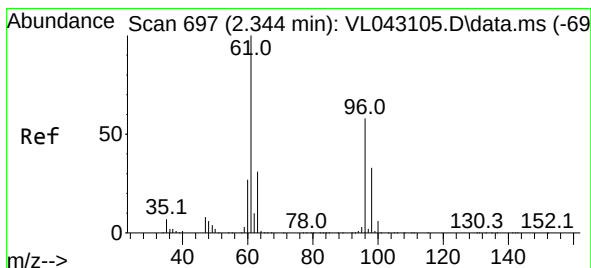
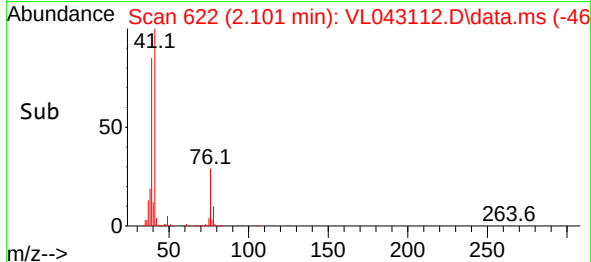
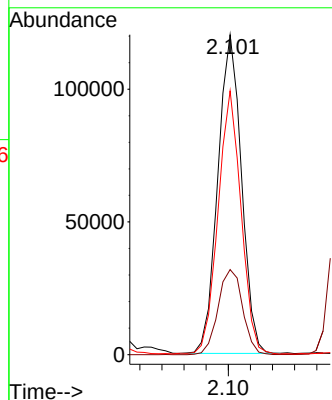
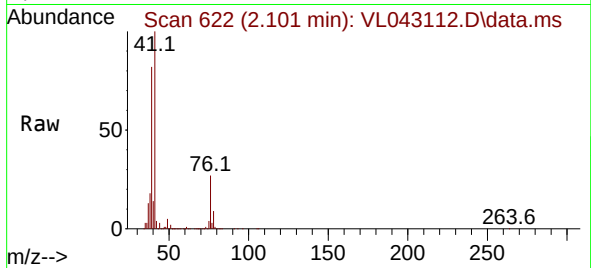




#21
 Allyl Chloride
 Concen: 9.181 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

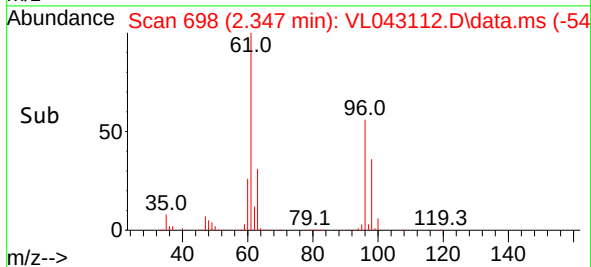
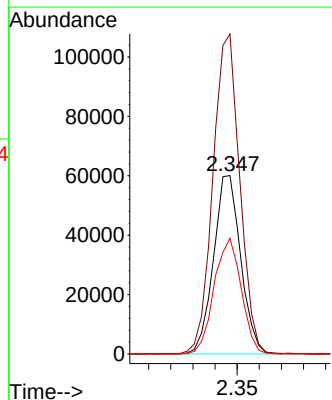
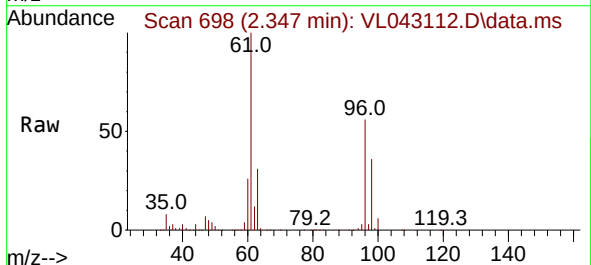
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL101425

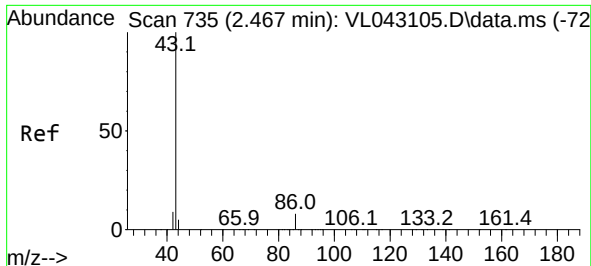
Tgt Ion: 41 Resp: 88965
 Ion Ratio Lower Upper
 41 100
 76 27.7 21.5 32.3
 39 80.2 60.8 91.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.011 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 96 Resp: 51295
 Ion Ratio Lower Upper
 96 100
 61 179.2 137.0 205.6
 98 64.8 45.5 68.3



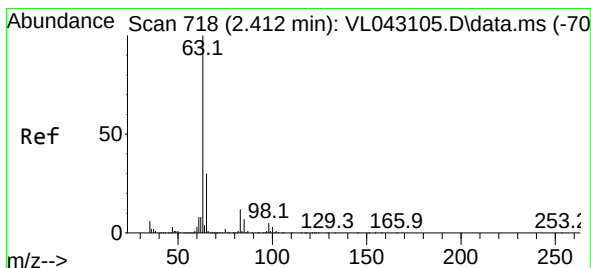
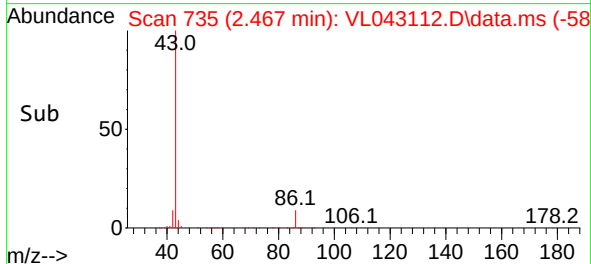
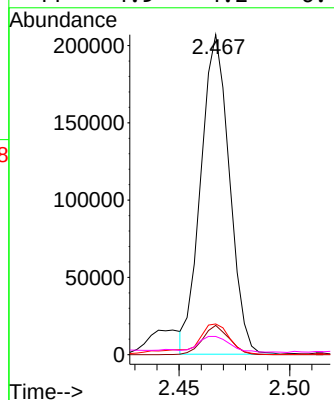
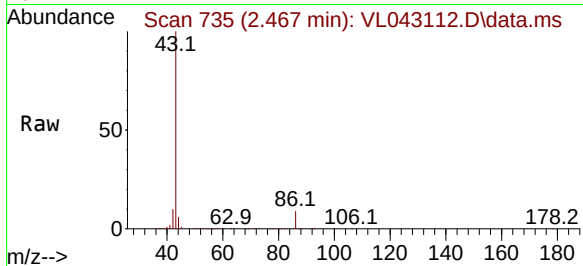


#23
 Vinyl Acetate
 Concen: 9.621 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL101425

Tgt Ion: 43 Resp: 185329

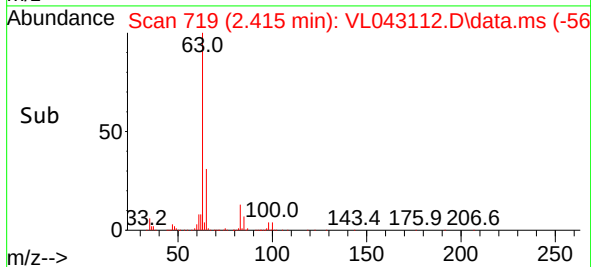
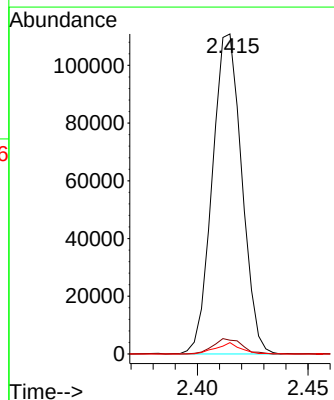
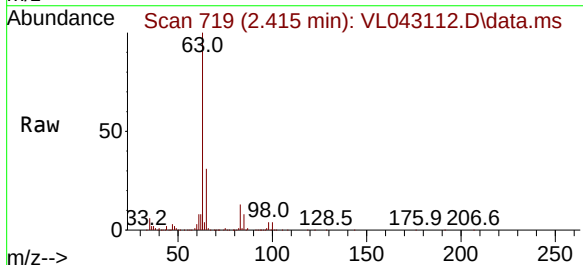
Ion	Ratio	Lower	Upper
43	100		
86	9.2	6.2	9.2
42	9.5	7.6	11.4
44	4.9	4.2	6.4

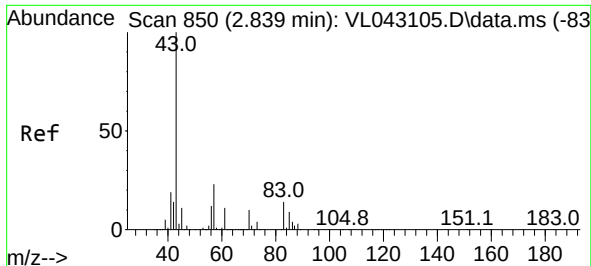


#24
 1,1-Dichloroethane
 Concen: 9.355 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 63 Resp: 102877

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.6	7.8
100	3.5	1.5	4.4

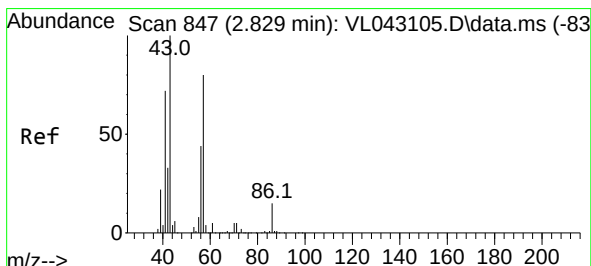
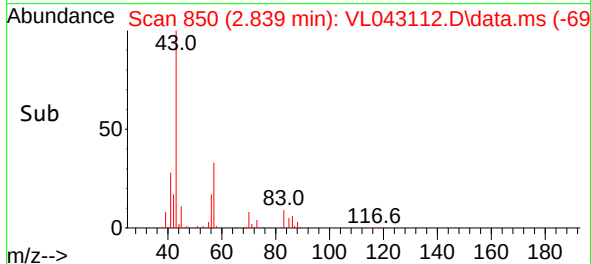
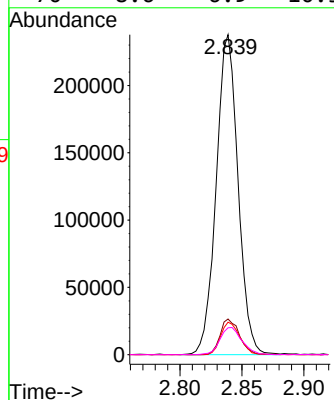
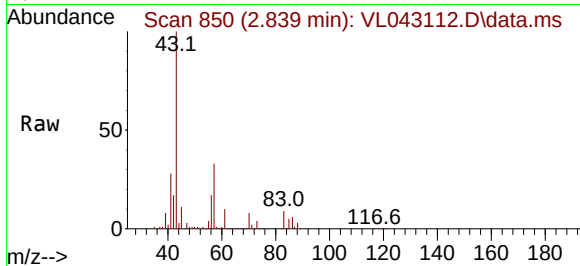




#25
Ethyl Acetate
Concen: 8.966 ppbv
RT: 2.839 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

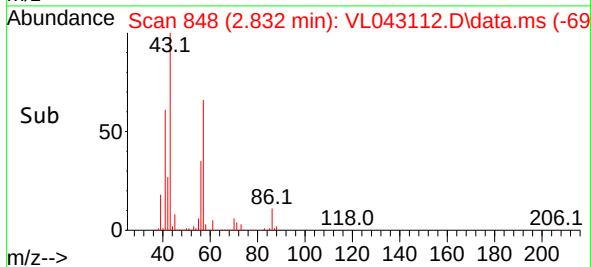
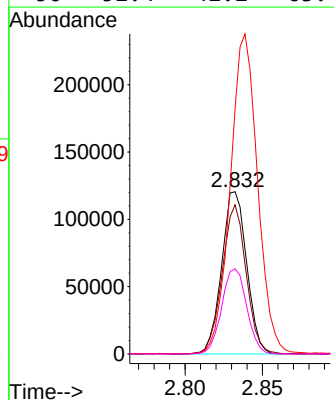
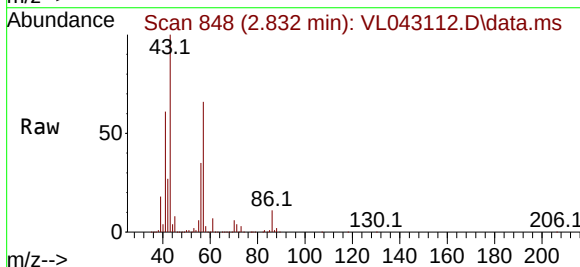
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

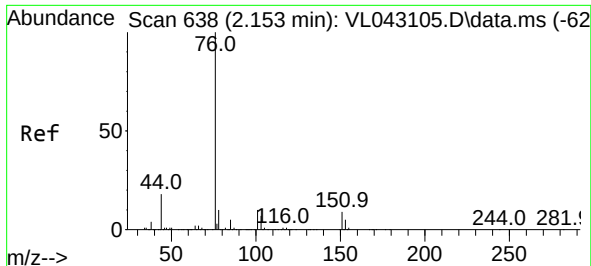
Tgt Ion:	43	Resp:	292399
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.8	11.8
61	9.0	7.0	10.6
70	8.6	6.9	10.3



#26
Hexane
Concen: 9.015 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:	57	Resp:	135463
Ion	Ratio	Lower	Upper
57	100		
41	88.9	71.4	107.0
43	216.8	178.5	267.7
56	52.4	42.2	63.4

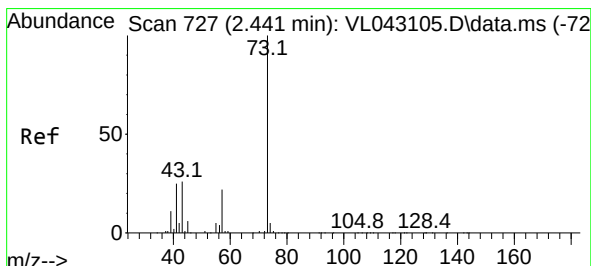
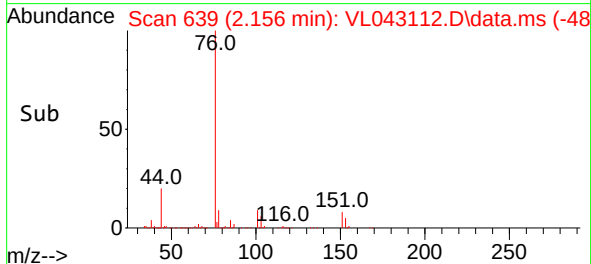
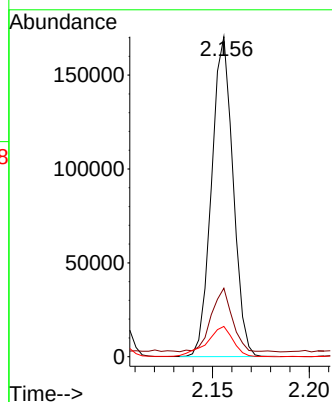
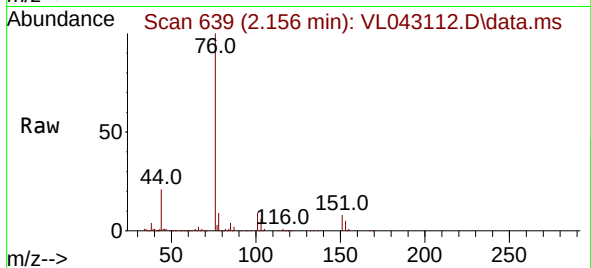




#27
Carbon Disulfide
Concen: 9.520 ppbv
RT: 2.156 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

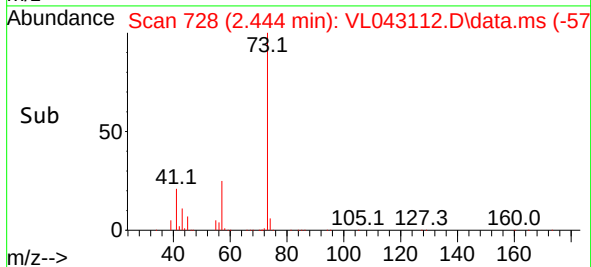
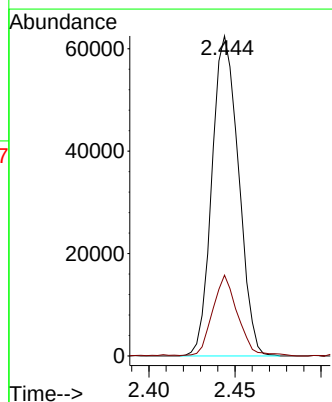
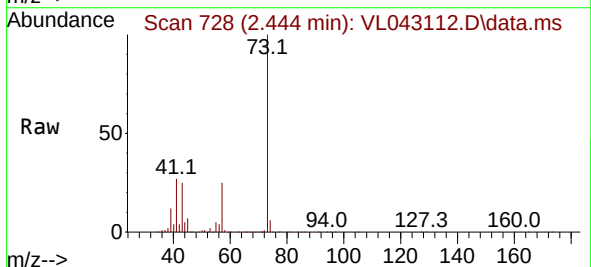
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

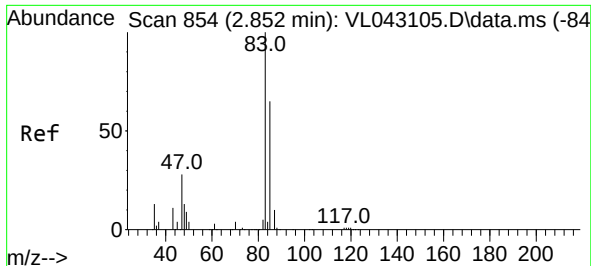
Tgt Ion: 76 Resp: 131064
Ion Ratio Lower Upper
76 100
44 20.7 16.7 25.1
78 11.7 9.3 13.9



#28
Methyl tert-Butyl Ether
Concen: 9.839 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 73 Resp: 67260
Ion Ratio Lower Upper
73 100
57 24.1 20.5 30.7

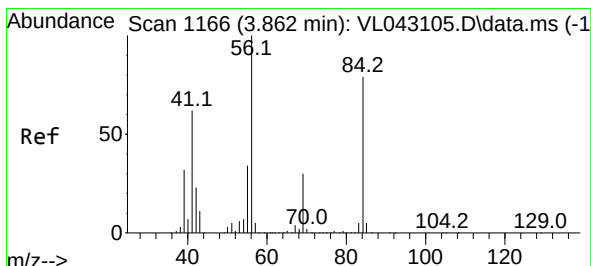
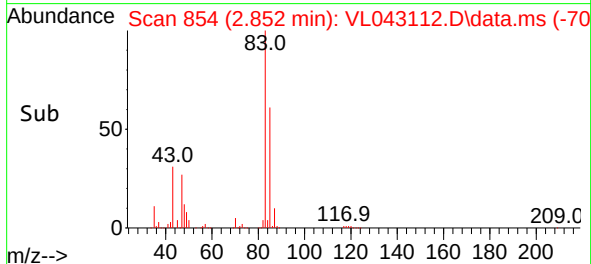
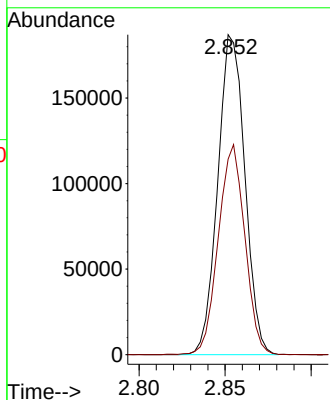
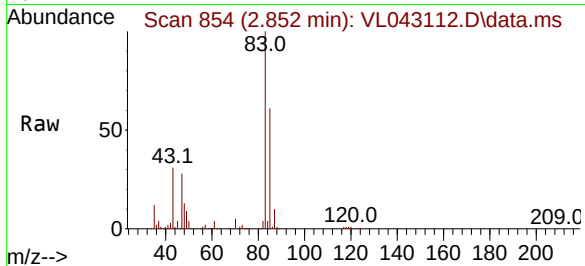




#29
Chloroform
Concen: 9.412 ppbv
RT: 2.852 min Scan# 854
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

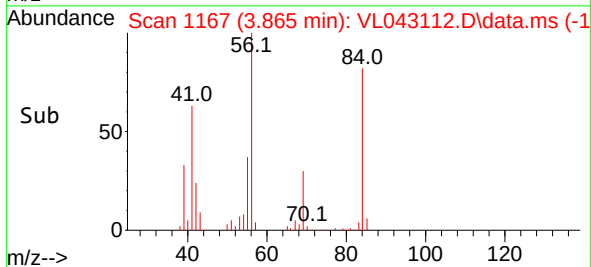
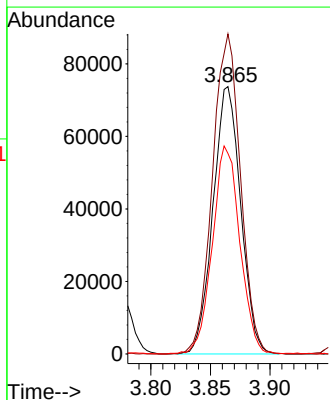
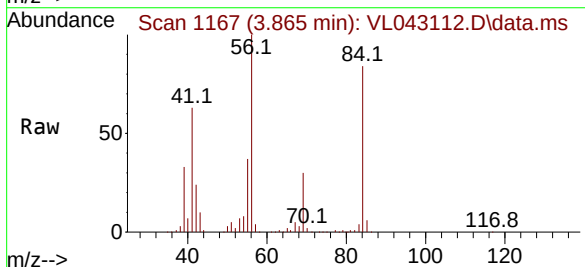
Instrument :
MSVOA_1
ClientSampleId :
ICVVL101425

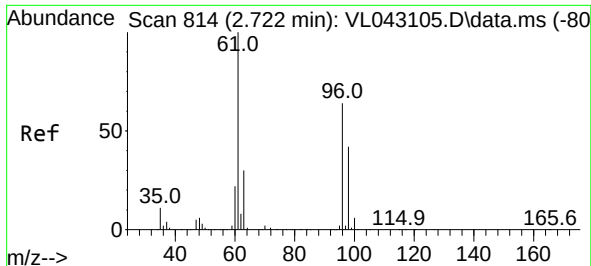
Tgt Ion: 83 Resp: 204925
Ion Ratio Lower Upper
83 100
85 61.0 51.8 77.6



#30
Cyclohexane
Concen: 9.096 ppbv
RT: 3.865 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 84 Resp: 119287
Ion Ratio Lower Upper
84 100
56 120.8 100.9 151.3
41 77.4 63.8 95.6

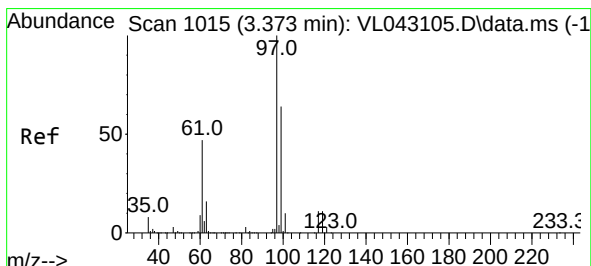
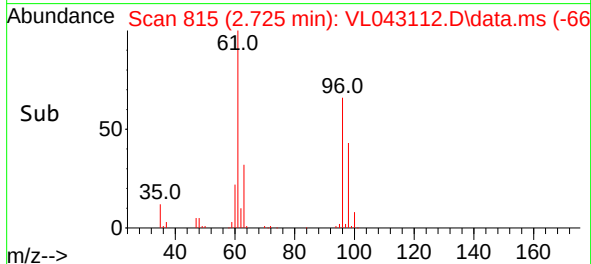
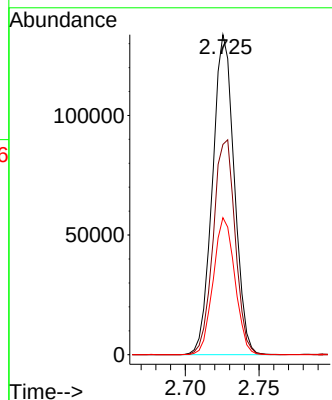
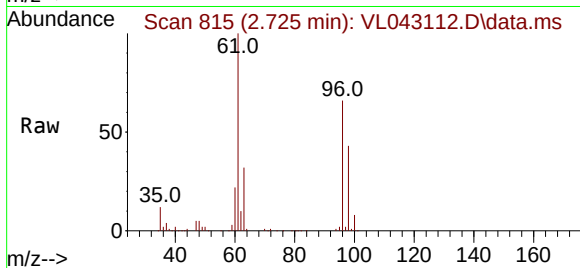




#31
 cis-1,2-Dichloroethene
 Concen: 9.580 ppbv
 RT: 2.725 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

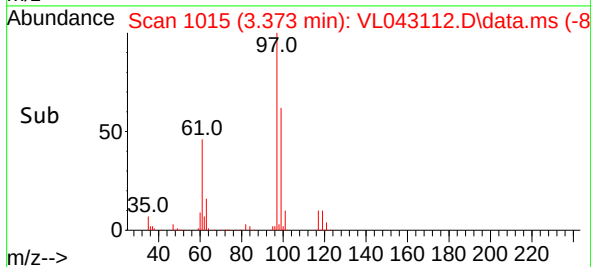
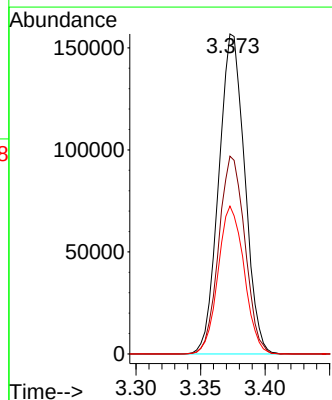
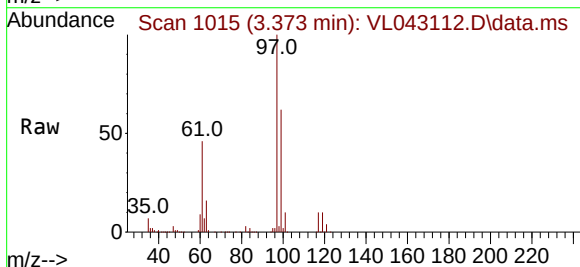
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425

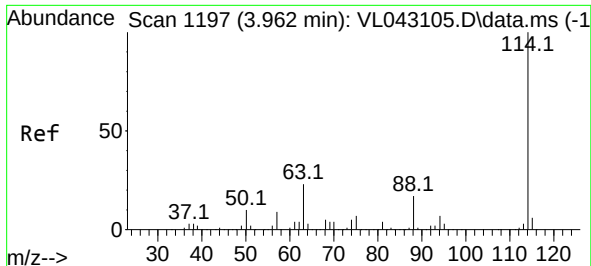
Tgt Ion: 61 Resp: 137462
 Ion Ratio Lower Upper
 61 100
 96 65.7 51.0 76.6
 98 42.8 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 9.666 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 97 Resp: 219167
 Ion Ratio Lower Upper
 97 100
 99 62.3 51.3 76.9
 61 46.4 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.003 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_1

ClientSampleId :

ICVVL101425

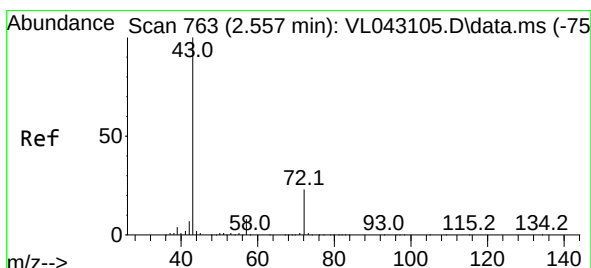
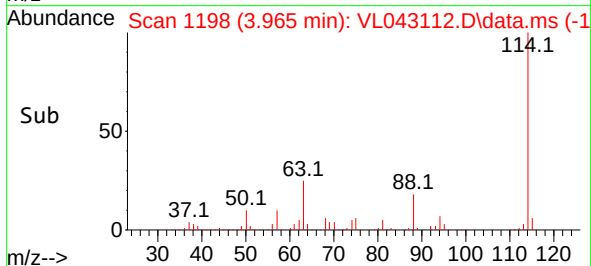
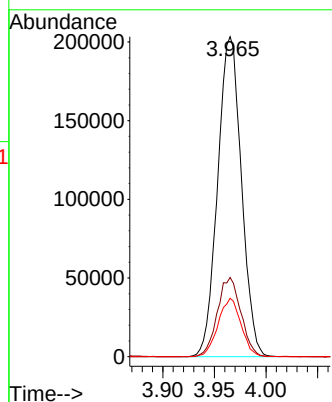
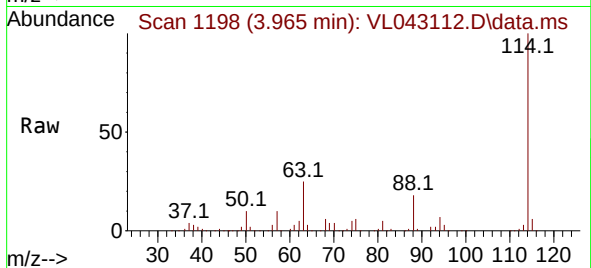
Tgt Ion:114 Resp: 325610

Ion Ratio Lower Upper

114 100

63 24.6 19.3 28.9

88 17.6 13.9 20.9



#34

2-Butanone

Concen: 8.624 ppbv

RT: 2.560 min Scan# 764

Delta R.T. 0.003 min

Lab File: VL043112.D

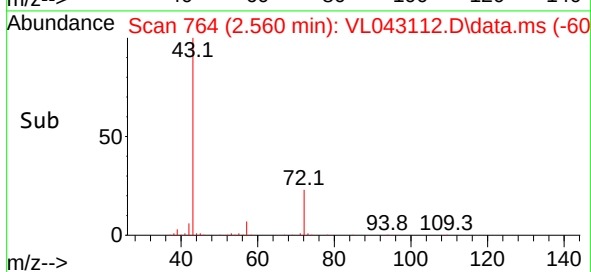
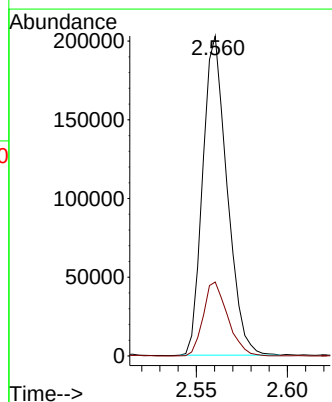
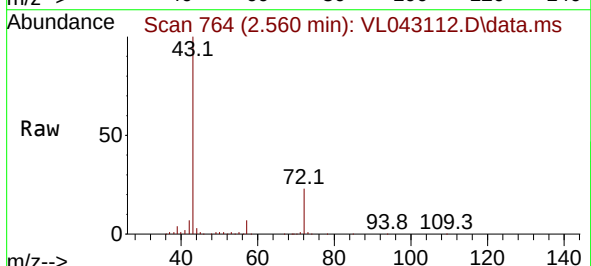
Acq: 14 Oct 2025 14:51

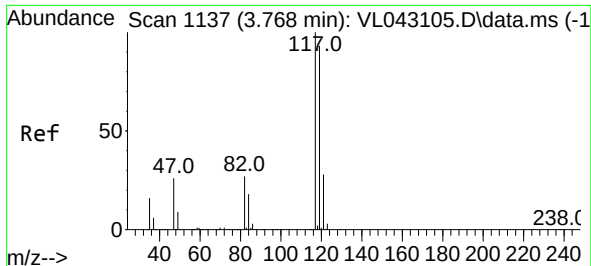
Tgt Ion: 43 Resp: 188755

Ion Ratio Lower Upper

43 100

72 23.4 18.4 27.6

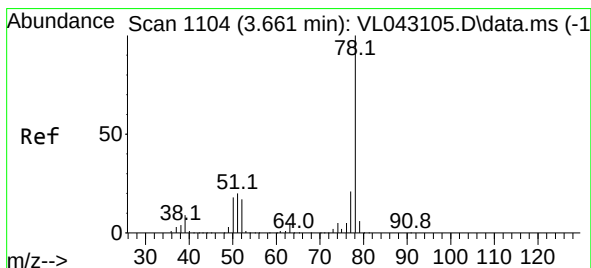
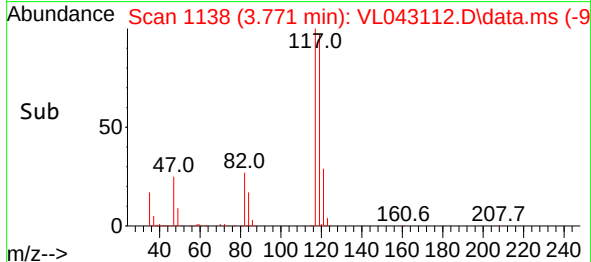
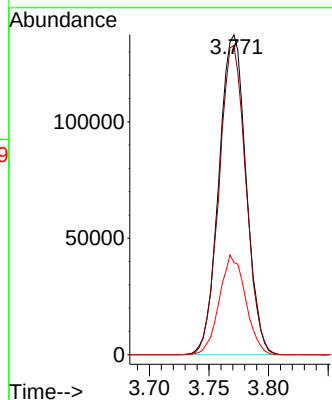
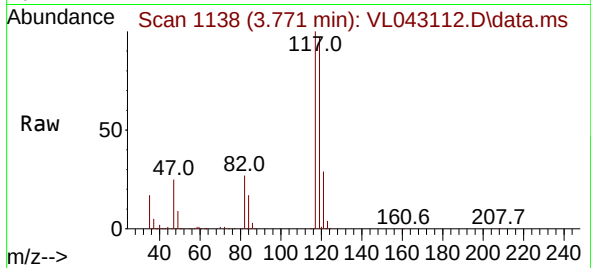




#35
Carbon Tetrachloride
Concen: 9.298 ppbv
RT: 3.771 min Scan# 1137
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

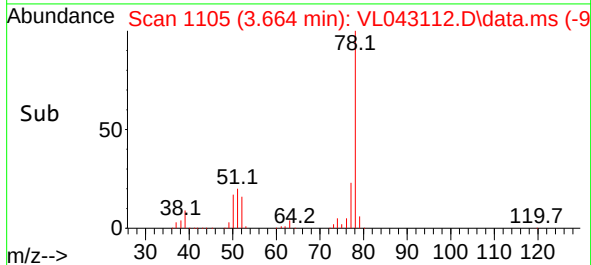
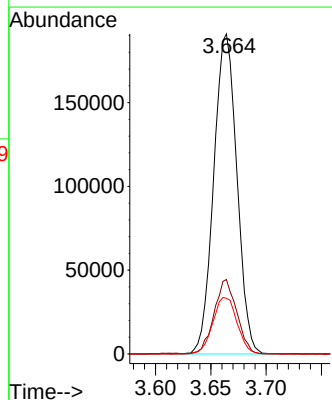
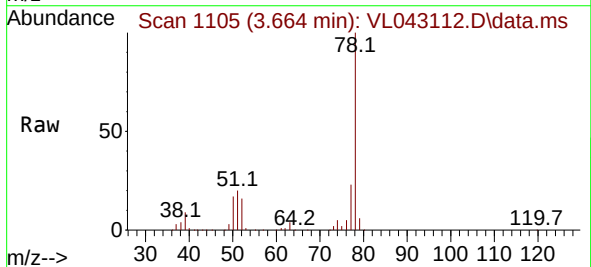
Instrument : MSVOA_1
ClientSampleId : ICVVL101425

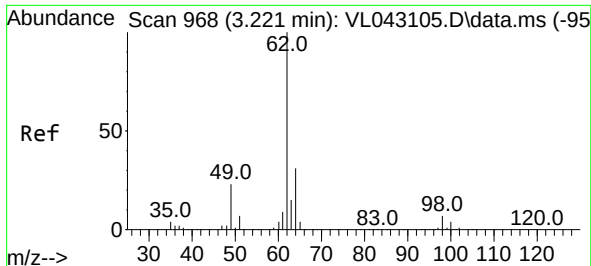
Tgt Ion: 117 Resp: 217678
Ion Ratio Lower Upper
117 100
119 96.6 74.1 111.1
121 28.7 22.2 33.2



#36
Benzene
Concen: 9.077 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 78 Resp: 278365
Ion Ratio Lower Upper
78 100
77 23.2 17.0 25.6
50 17.4 14.6 22.0

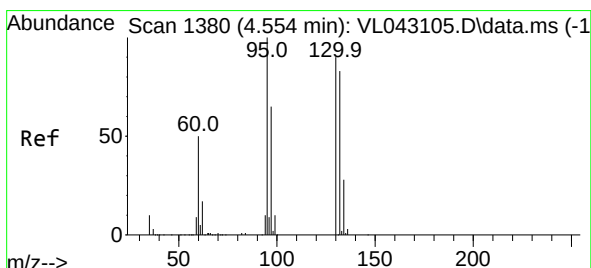
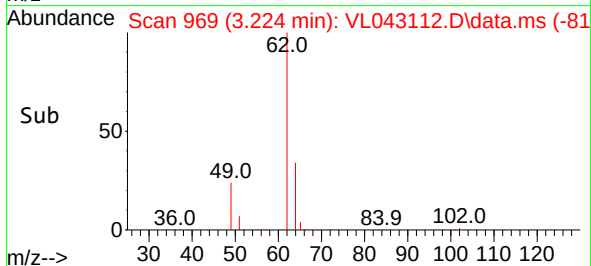
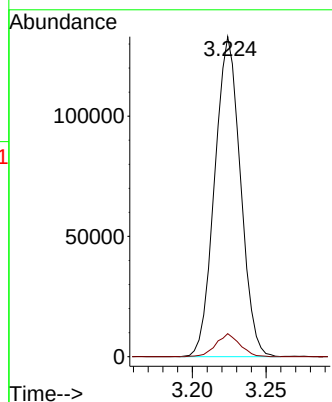
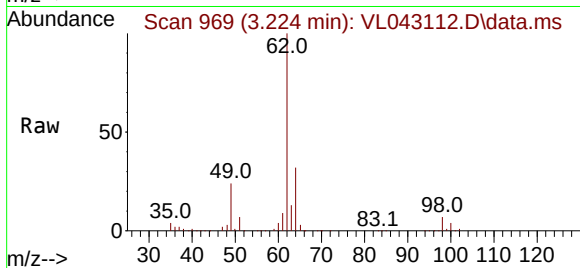




#37
1,2-Dichloroethane
Concen: 9.156 ppbv
RT: 3.224 min Scan# 968
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

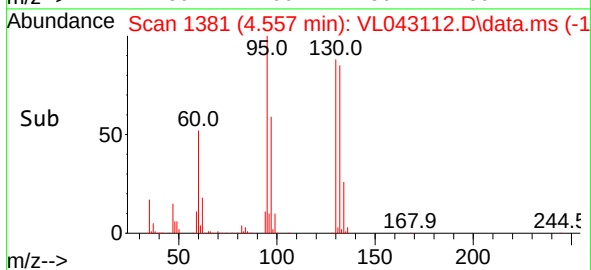
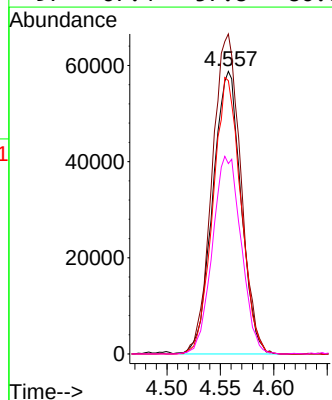
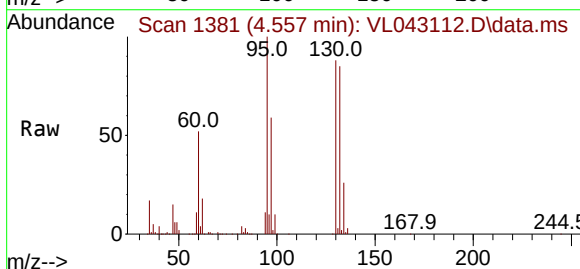
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

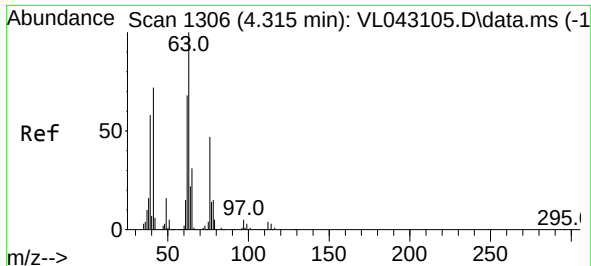
Tgt Ion: 62 Resp: 161750
Ion Ratio Lower Upper
62 100
98 6.7 5.8 8.6



#38
Trichloroethene
Concen: 8.453 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:130 Resp: 108261
Ion Ratio Lower Upper
130 100
95 113.2 88.6 133.0
132 96.7 73.4 110.0
97 67.4 57.8 86.6





#39

1,2-Dichloropropane

Concen: 8.971 ppbv

RT: 4.321 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101425

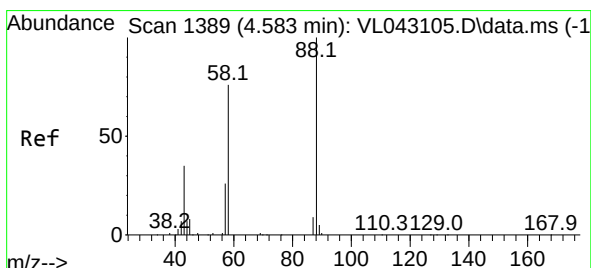
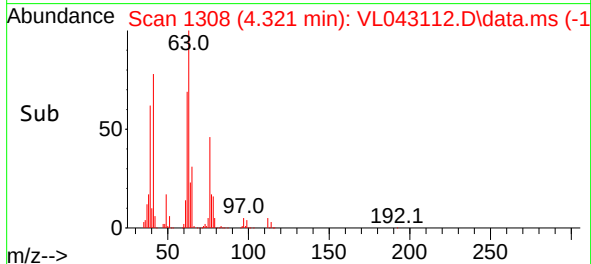
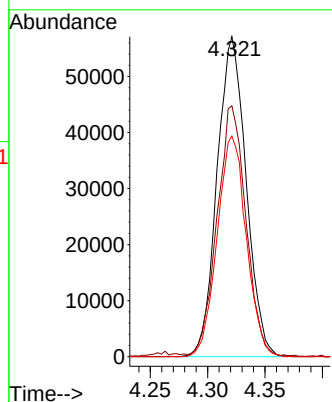
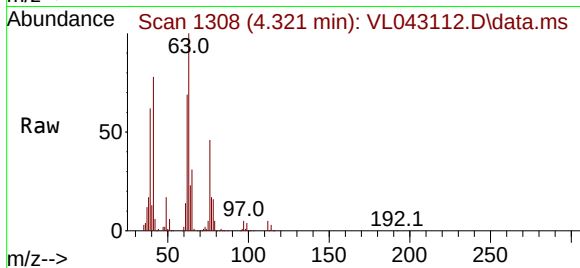
Tgt Ion: 63 Resp: 100580

Ion Ratio Lower Upper

63 100

41 78.0 58.0 87.0

62 69.0 54.7 82.1



#40

1,4-Dioxane

Concen: 8.265 ppbv

RT: 4.587 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Tgt Ion: 88 Resp: 41464

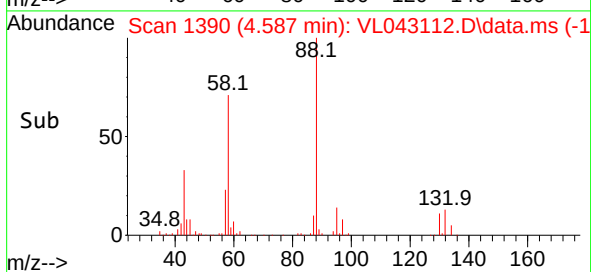
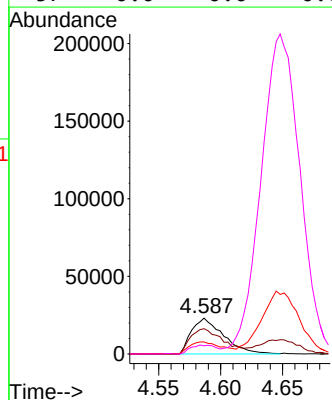
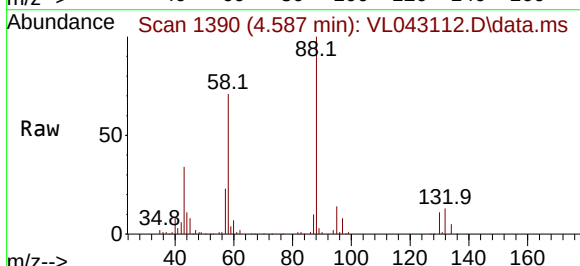
Ion Ratio Lower Upper

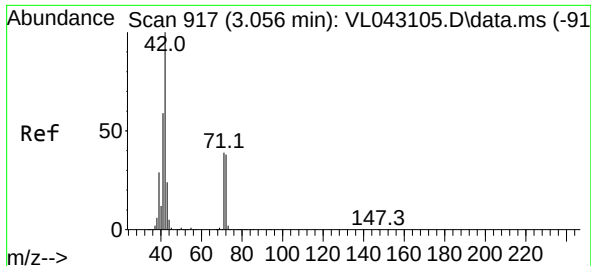
88 100

58 74.2 61.1 91.7

43 35.4 24.0 36.0

57 0.0 0.0 0.0

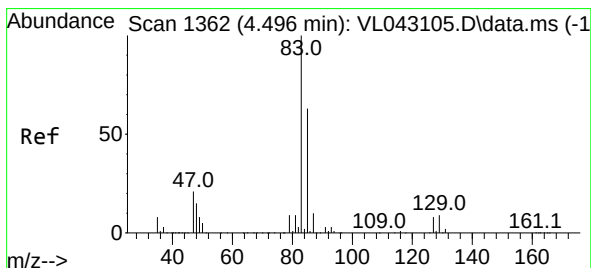
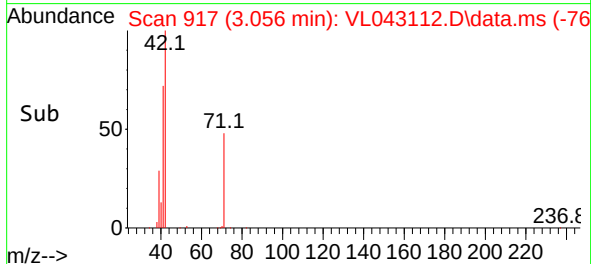
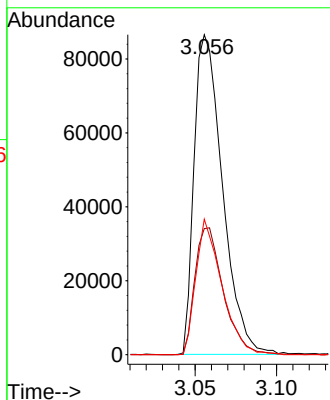
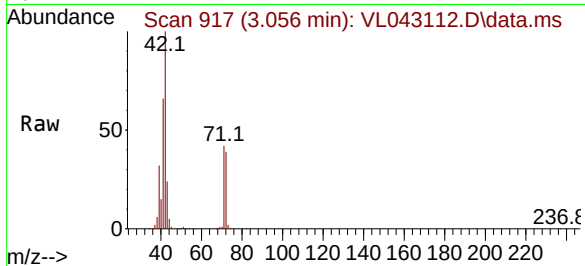




#41
Tetrahydrofuran
Concen: 8.553 ppbv
RT: 3.056 min Scan# 917
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

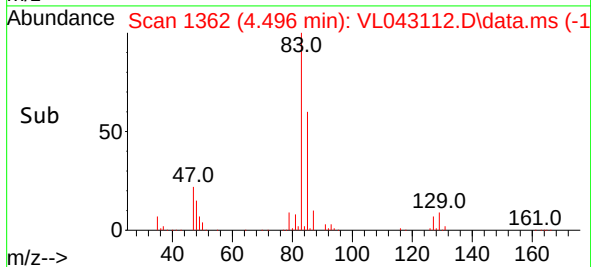
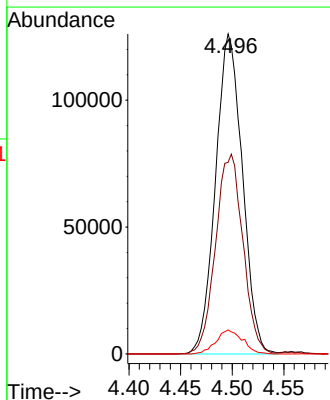
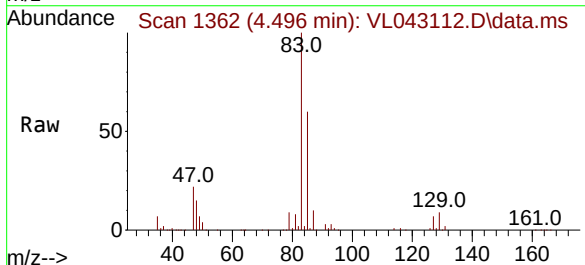
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

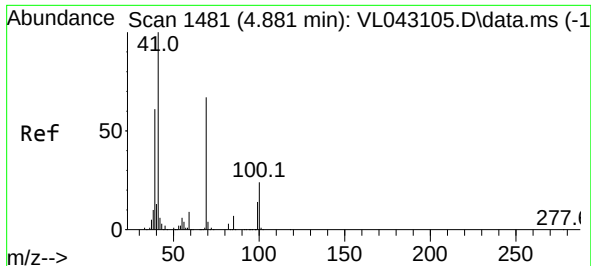
Tgt Ion:	42	Resp:	104701
Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.3	46.9
71	38.8	30.4	45.6



#42
Bromodichloromethane
Concen: 9.336 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:	83	Resp:	228288
Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.6	75.8
127	7.5	6.3	9.5

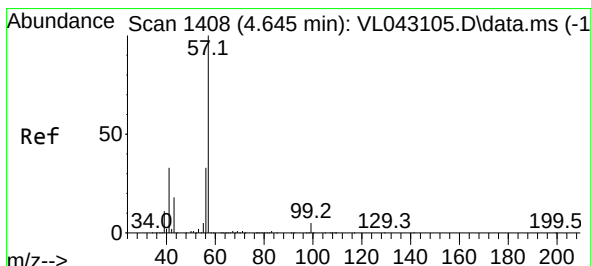
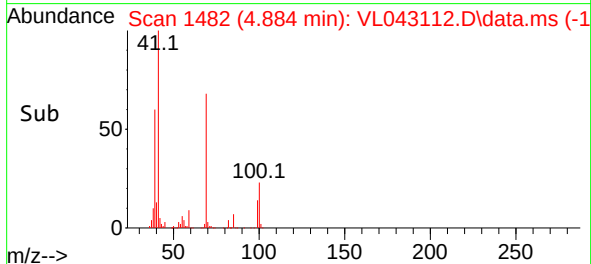
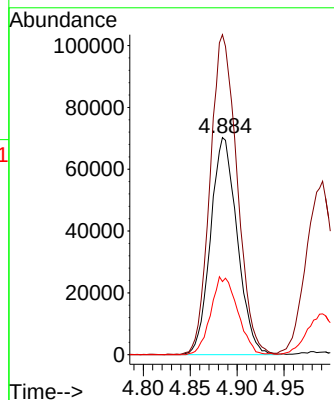
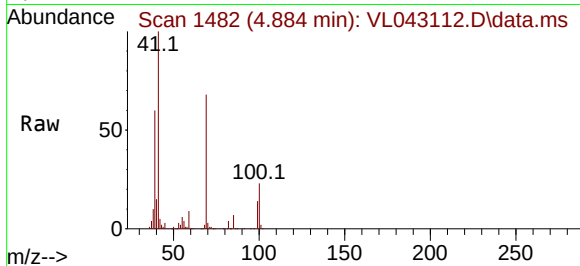




#43
Methyl Methacrylate
Concen: 8.898 ppbv
RT: 4.884 min Scan# 1481
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

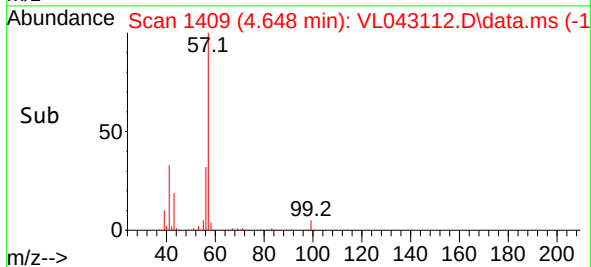
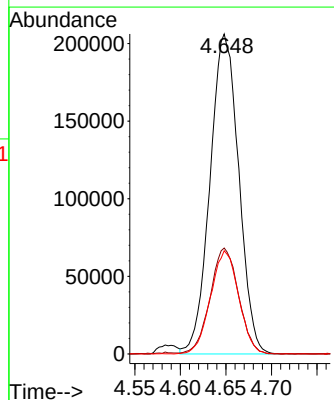
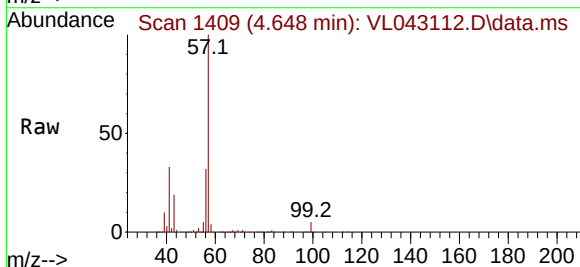
Instrument :
MSVOA_1
ClientSampleId :
ICVVL101425

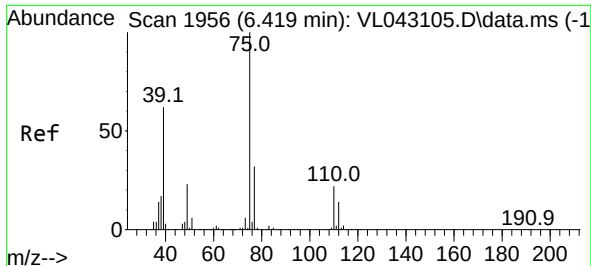
Tgt Ion: 69 Resp: 138593
Ion Ratio Lower Upper
69 100
41 149.1 120.5 180.7
100 36.3 29.0 43.4



#44
2,2,4-Trimethylpentane
Concen: 8.738 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 57 Resp: 452117
Ion Ratio Lower Upper
57 100
41 33.2 26.3 39.5
56 31.6 25.9 38.9

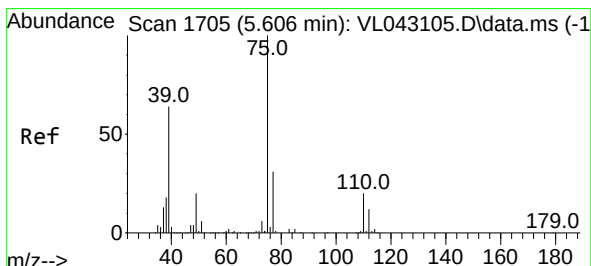
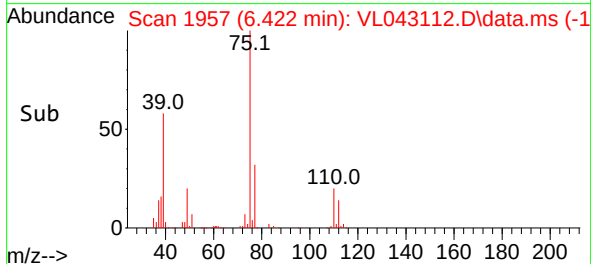
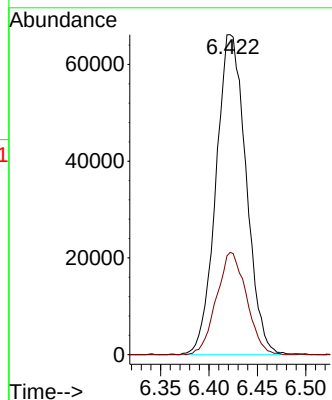
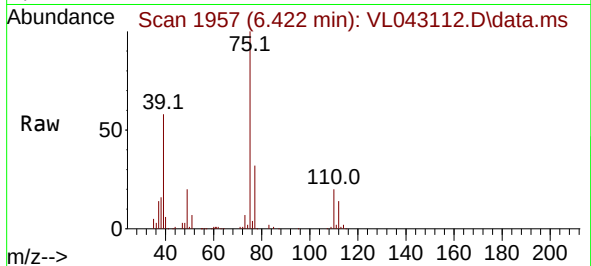




#45
 t-1,3-Dichloropropene
 Concen: 9.146 ppbv
 RT: 6.422 min Scan# 1956
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

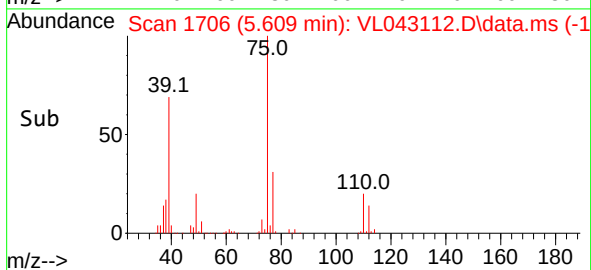
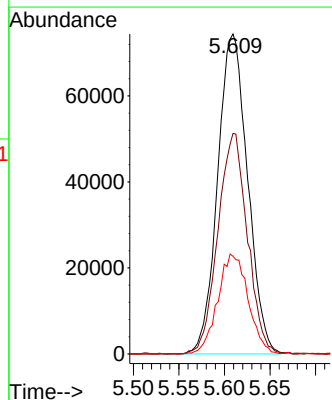
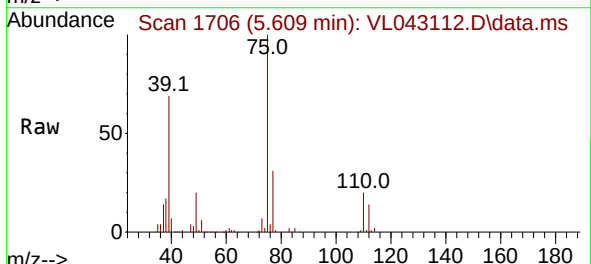
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL101425

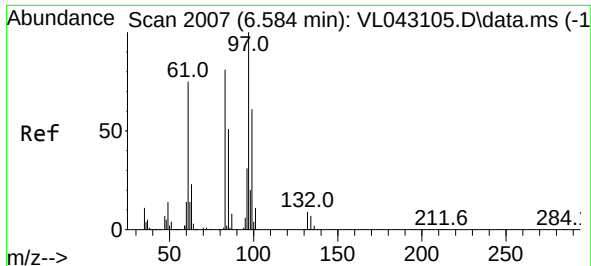
Tgt Ion: 75 Resp: 142964
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2



#46
 cis-1,3-Dichloropropene
 Concen: 9.106 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 75 Resp: 170038
 Ion Ratio Lower Upper
 75 100
 39 68.8 51.0 76.6
 77 30.5 25.0 37.4





#47

1,1,2-Trichloroethane

Concen: 9.000 ppbv

RT: 6.590 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101425

Tgt Ion: 97 Resp: 108965

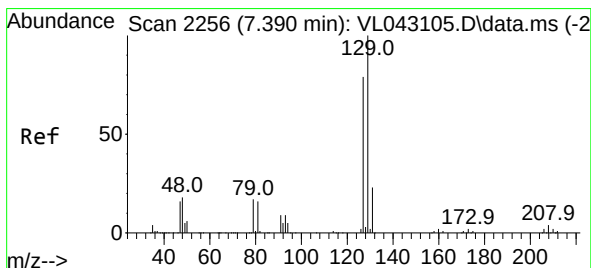
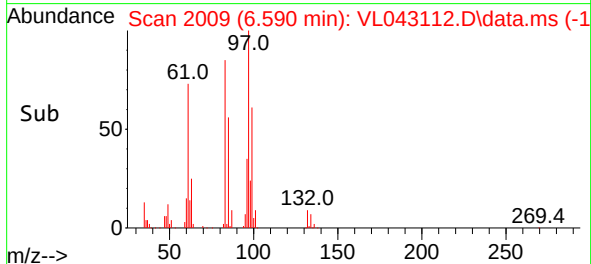
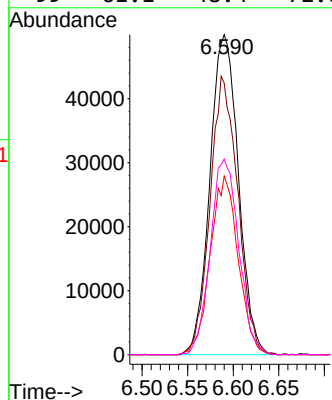
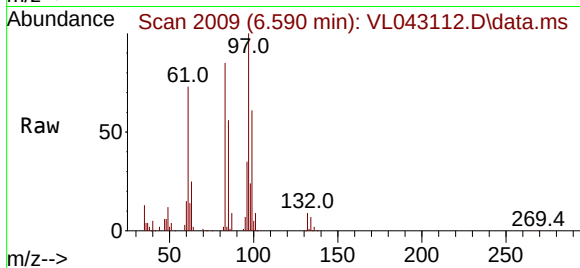
Ion Ratio Lower Upper

97 100

83 84.8 64.6 96.8

85 55.8 40.6 60.8

99 61.1 48.4 72.6



#48

Dibromochloromethane

Concen: 9.127 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. 0.006 min

Lab File: VL043112.D

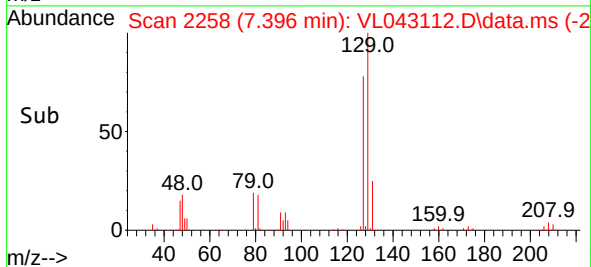
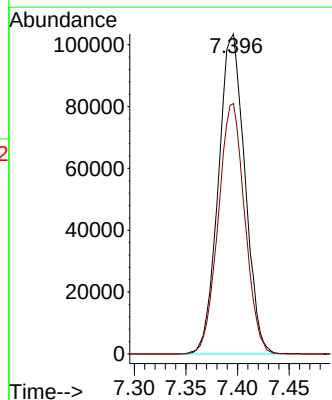
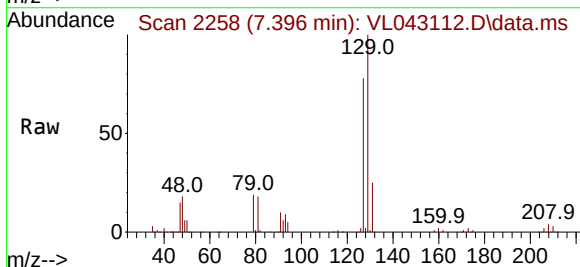
Acq: 14 Oct 2025 14:51

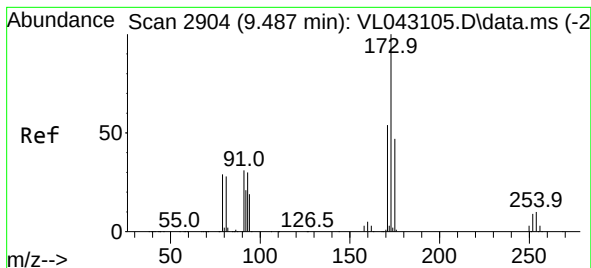
Tgt Ion: 129 Resp: 184757

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.9





#49

Bromoform

Concen: 8.980 ppbv

RT: 9.490 min Scan# 2904

Delta R.T. 0.003 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101425

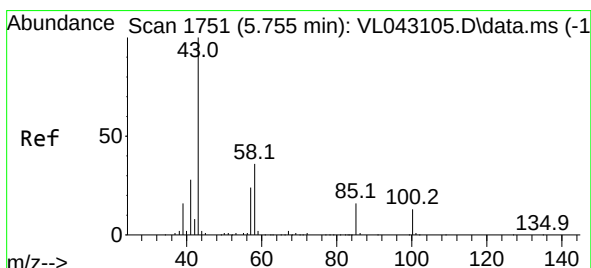
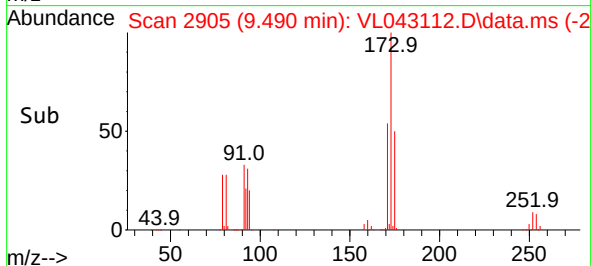
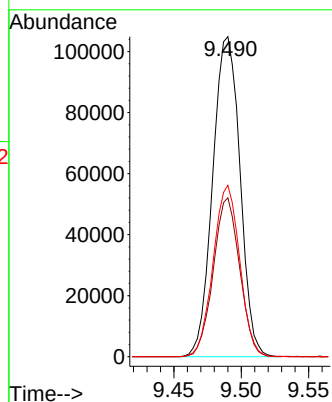
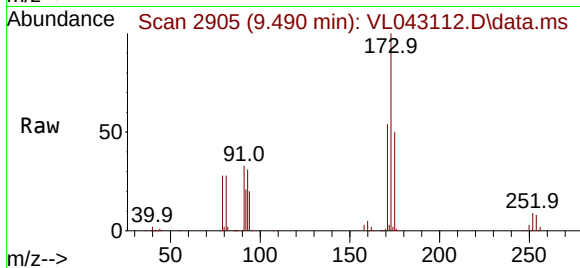
Tgt Ion:173 Resp: 147759

Ion Ratio Lower Upper

173 100

175 48.0 38.8 58.2

171 52.1 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 8.709 ppbv

RT: 5.752 min Scan# 1750

Delta R.T. -0.003 min

Lab File: VL043112.D

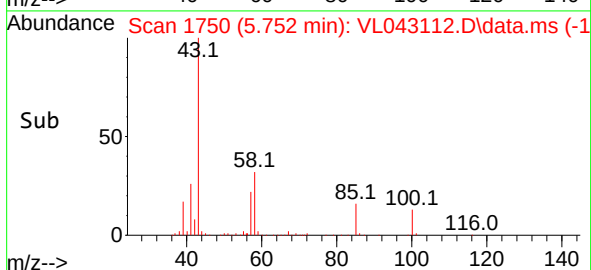
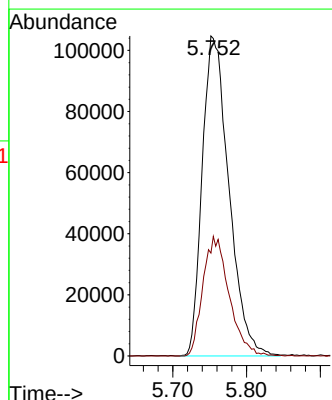
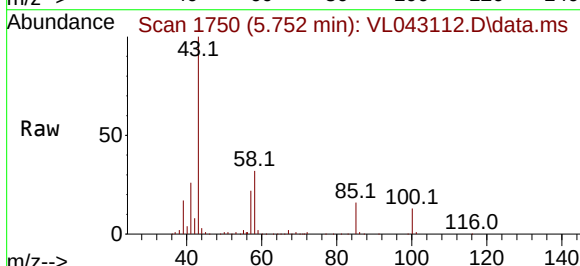
Acq: 14 Oct 2025 14:51

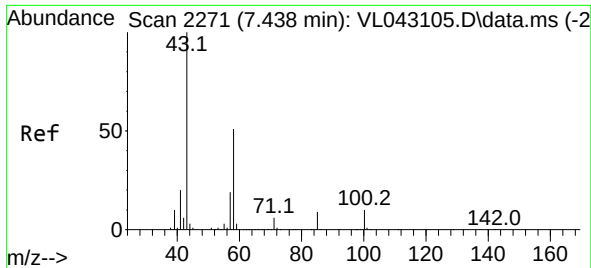
Tgt Ion: 43 Resp: 263070

Ion Ratio Lower Upper

43 100

58 36.6 29.1 43.7

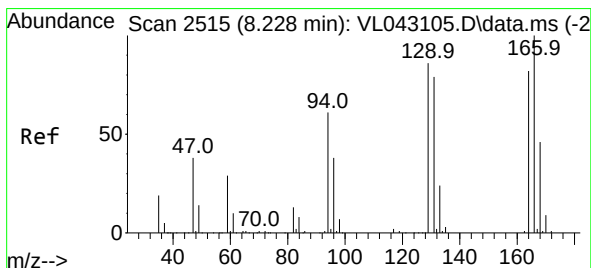
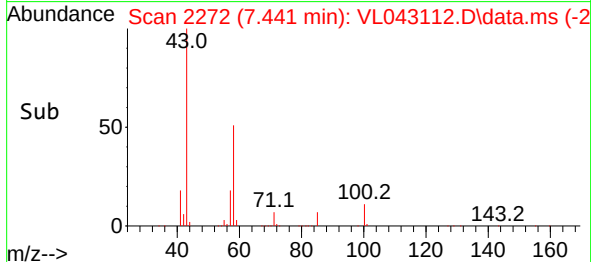
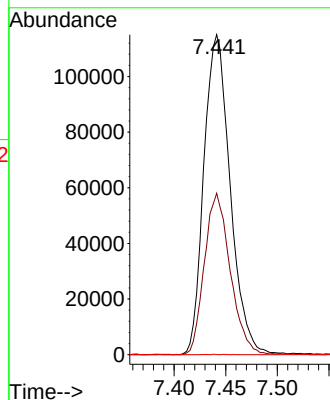
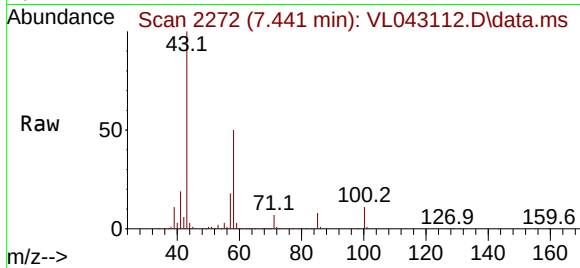




#51
2-Hexanone
Concen: 8.999 ppbv
RT: 7.441 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

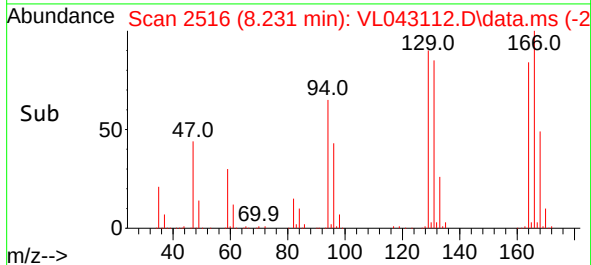
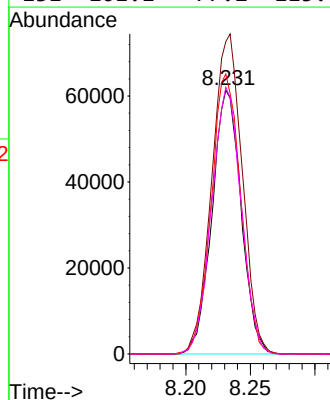
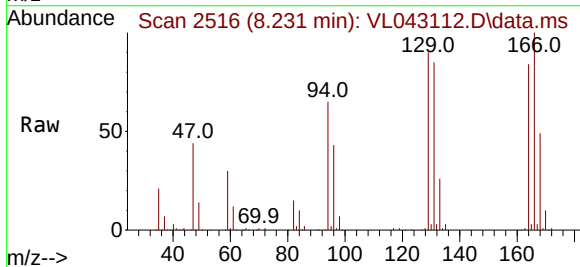
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

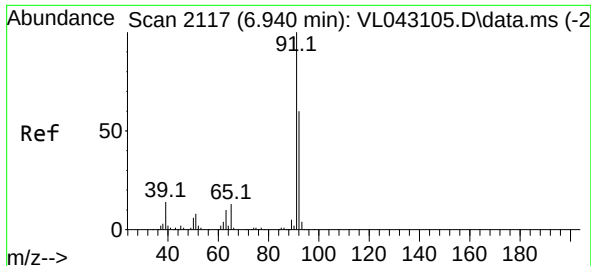
Tgt Ion: 43 Resp: 203876
Ion Ratio Lower Upper
43 100
58 49.6 40.4 60.6
98 0.1 0.1 0.1#



#52
Tetrachloroethene
Concen: 8.681 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:164 Resp: 96000
Ion Ratio Lower Upper
164 100
166 118.4 97.6 146.4
129 106.2 84.5 126.7
131 101.1 77.2 115.8

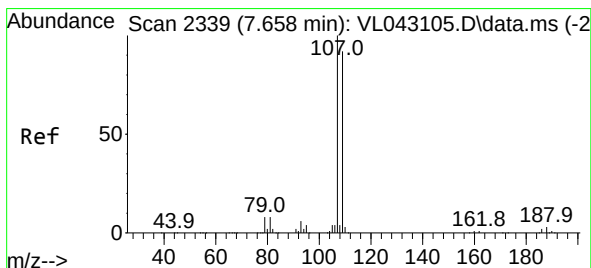
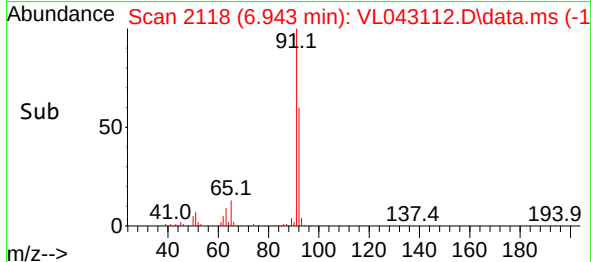
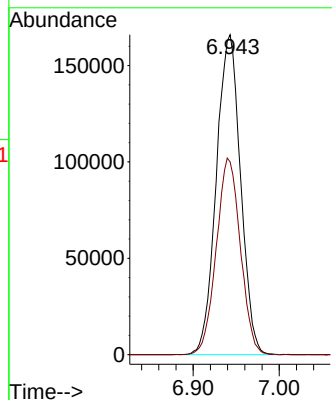
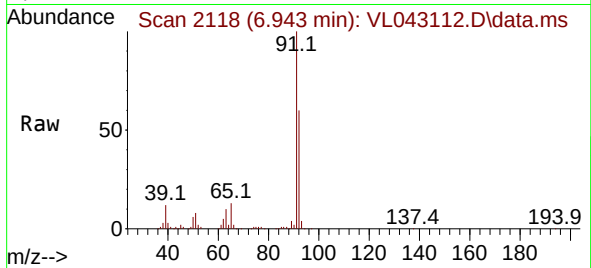




#53
Toluene
Concen: 8.928 ppbv
RT: 6.943 min Scan# 2117
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

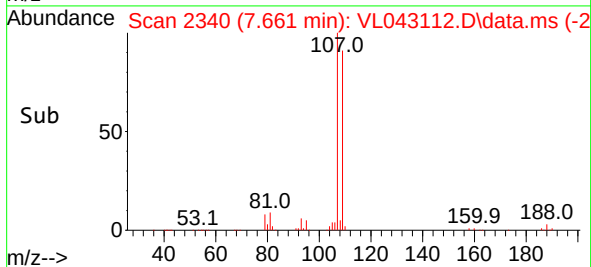
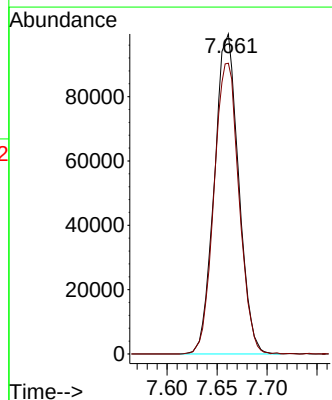
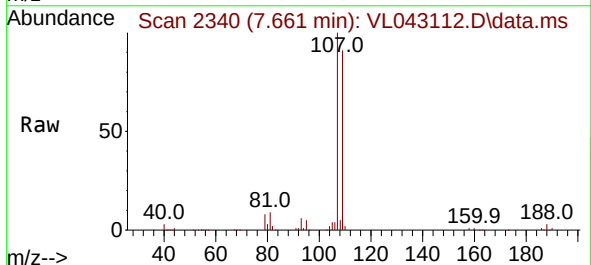
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

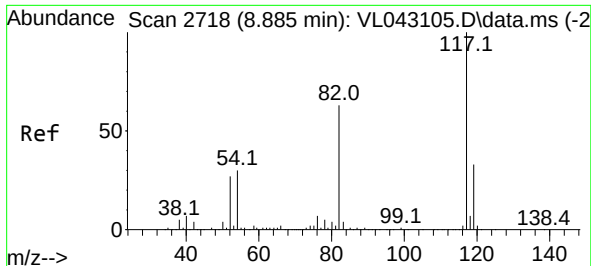
Tgt Ion: 91 Resp: 324944
Ion Ratio Lower Upper
91 100
92 61.0 48.8 73.2



#54
1,2-Dibromoethane
Concen: 8.856 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 107 Resp: 167936
Ion Ratio Lower Upper
107 100
109 90.9 73.4 110.2

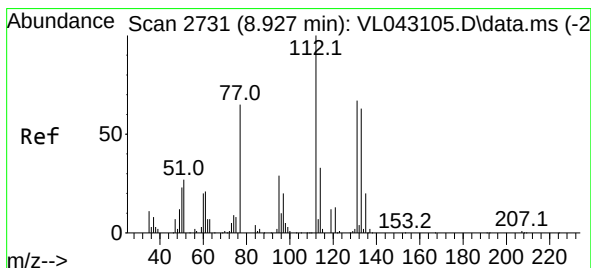
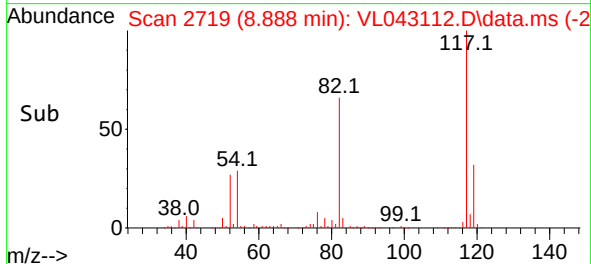
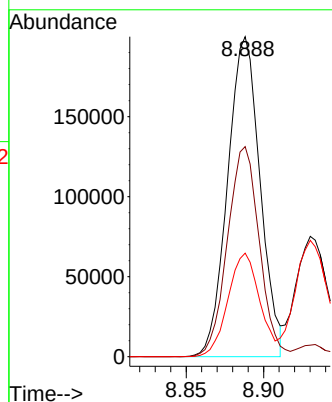
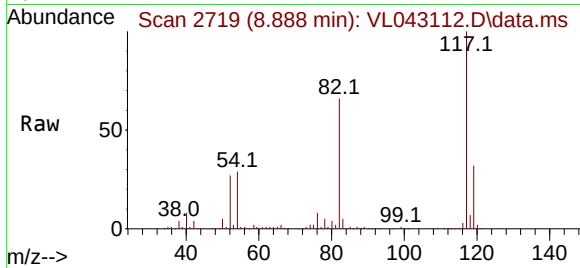




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2718
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

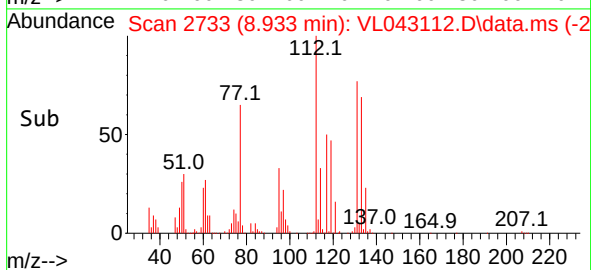
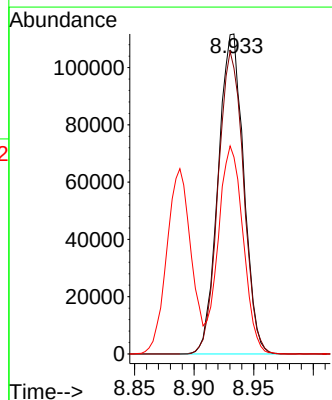
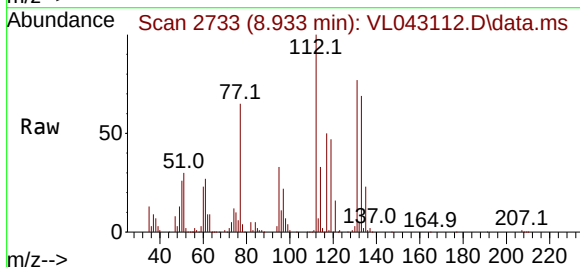
Instrument :
MSVOA_1
ClientSampleId :
ICVVL101425

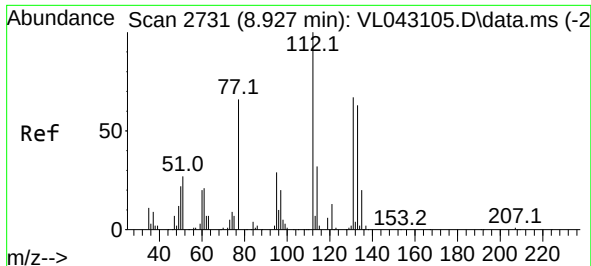
Tgt Ion:117 Resp: 291676
Ion Ratio Lower Upper
117 100
82 67.8 53.8 80.8
119 31.5 25.4 38.0



#56
1,1,1,2-Tetrachloroethane
Concen: 9.031 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.006 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:131 Resp: 166059
Ion Ratio Lower Upper
131 100
133 94.2 75.7 113.5
119 60.4 50.6 76.0

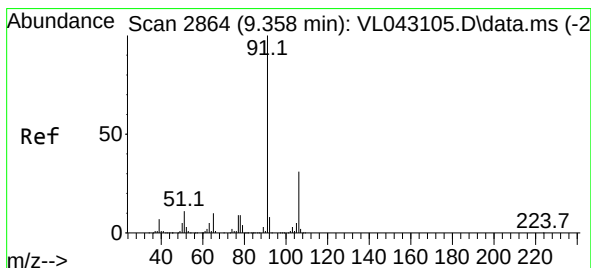
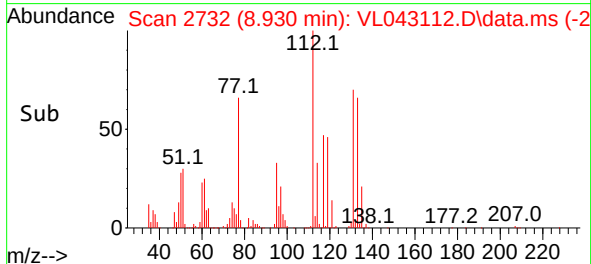
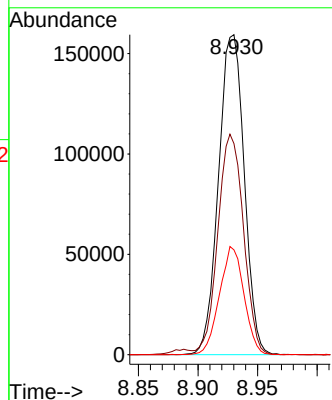
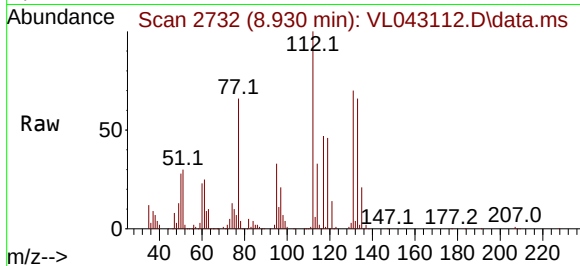




#57
Chlorobenzene
Concen: 8.770 ppbv
RT: 8.930 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

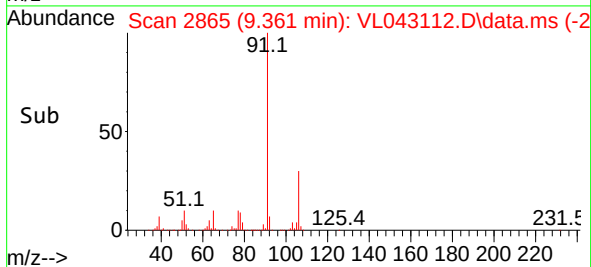
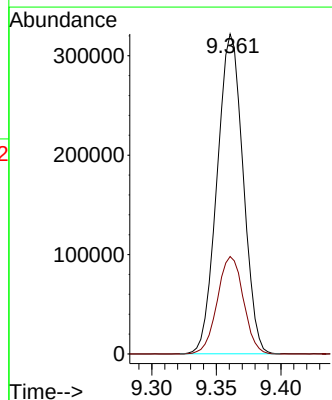
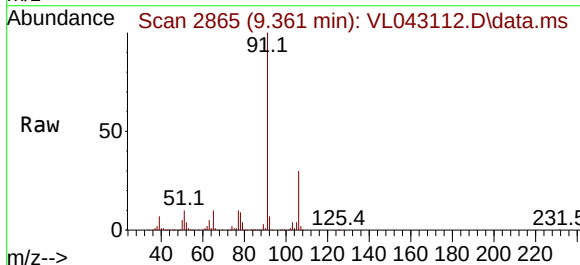
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

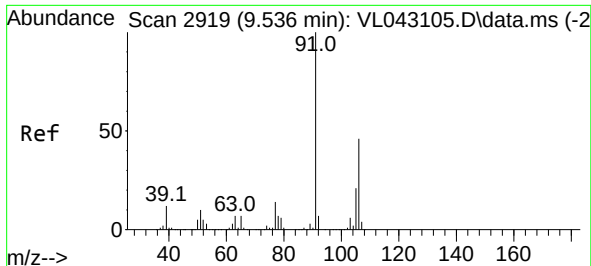
Tgt Ion:112 Resp: 239309
Ion Ratio Lower Upper
112 100
77 65.9 53.3 79.9
114 32.7 29.3 35.8



#58
Ethyl Benzene
Concen: 8.990 ppbv
RT: 9.361 min Scan# 2865
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 91 Resp: 450029
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2

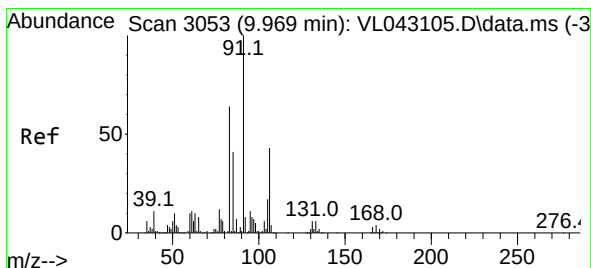
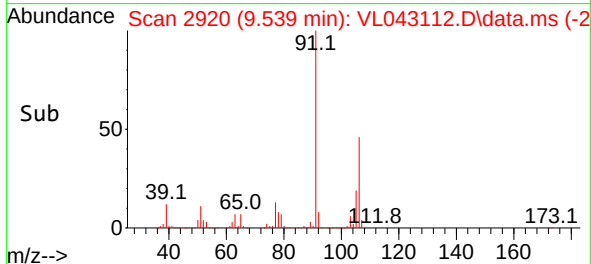
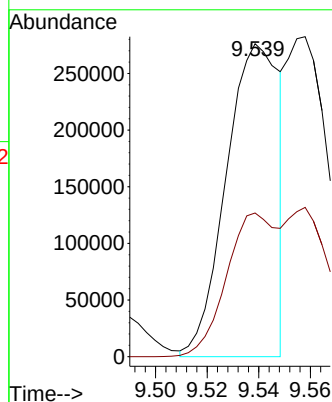
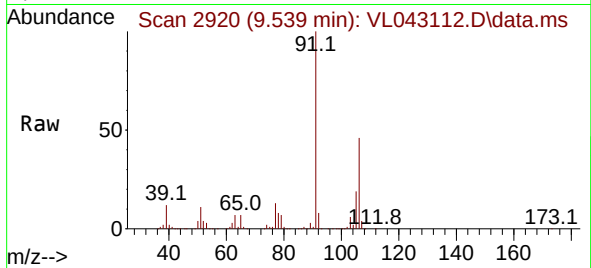




#59
m/p-Xylene
Concen: 9.822 ppbv
RT: 9.539 min Scan# 2919
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

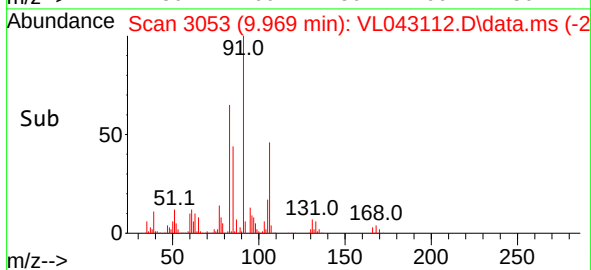
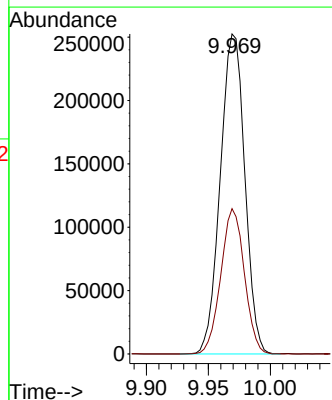
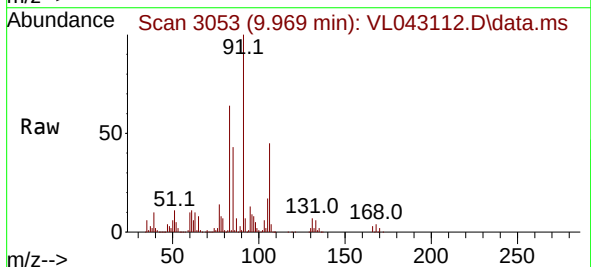
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

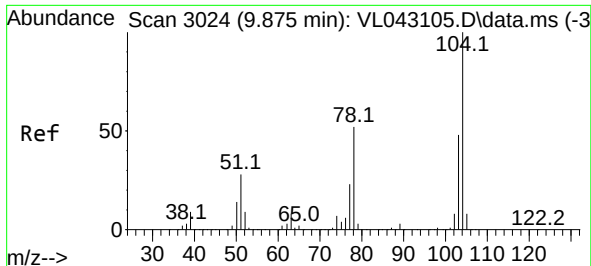
Tgt Ion: 91 Resp: 392158
Ion Ratio Lower Upper
91 100
106 0.0 38.0 57.0#



#60
o-Xylene
Concen: 8.834 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 91 Resp: 348346
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.8

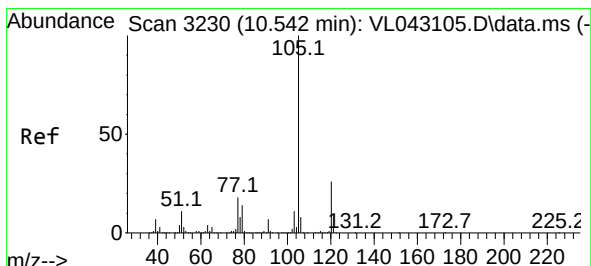
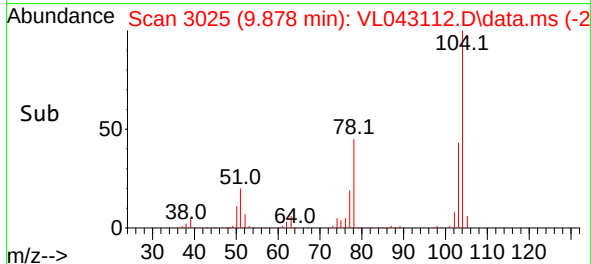
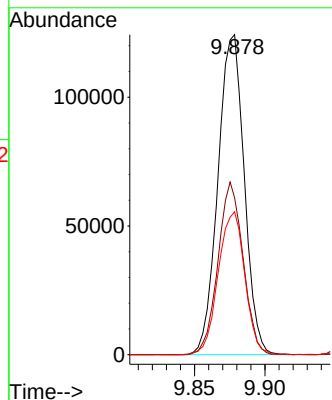
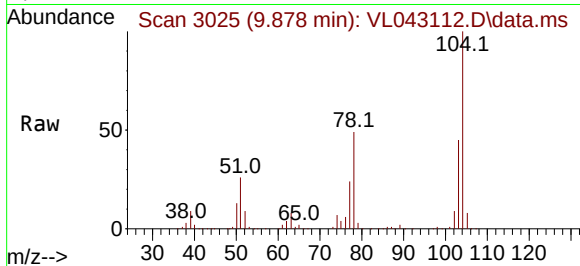




#61
Styrene
Concen: 9.099 ppbv
RT: 9.878 min Scan# 3024
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

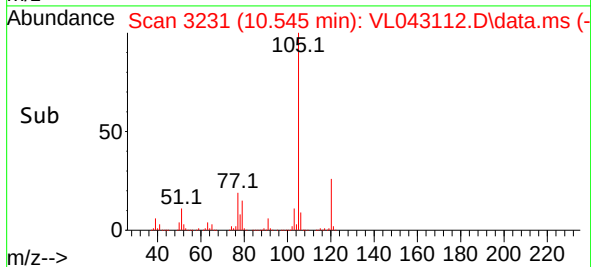
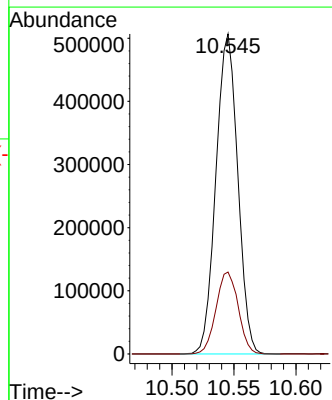
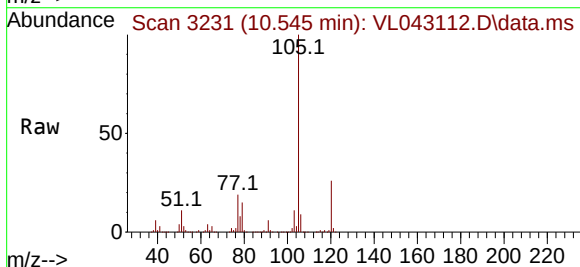
Instrument :
MSVOA_1
ClientSampleId :
ICVVL101425

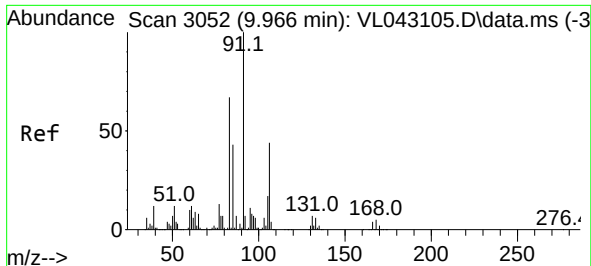
Tgt Ion:104 Resp: 161979
Ion Ratio Lower Upper
104 100
78 51.4 40.2 60.2
103 45.0 36.9 55.3



#62
Isopropylbenzene
Concen: 8.726 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:105 Resp: 621758
Ion Ratio Lower Upper
105 100
120 26.0 20.2 30.4





#63

1,1,2,2-Tetrachloroethane

Concen: 8.177 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101425

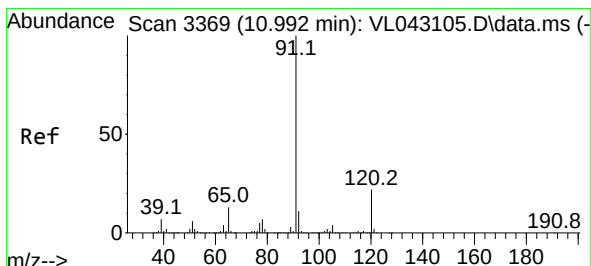
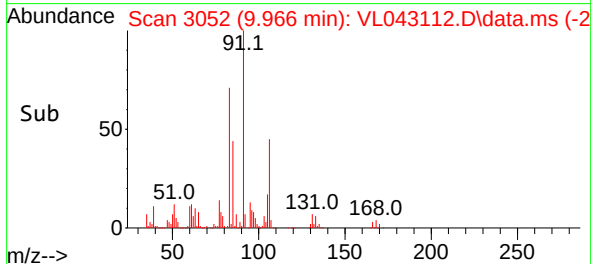
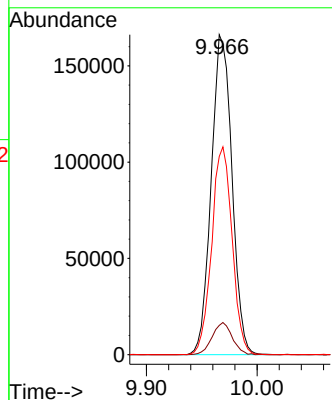
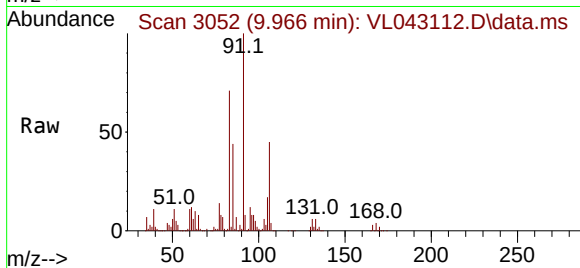
Tgt Ion: 83 Resp: 215911

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.3

85 64.1 32.0 96.0



#64

n-propylbenzene

Concen: 8.503 ppbv

RT: 10.995 min Scan# 3370

Delta R.T. 0.003 min

Lab File: VL043112.D

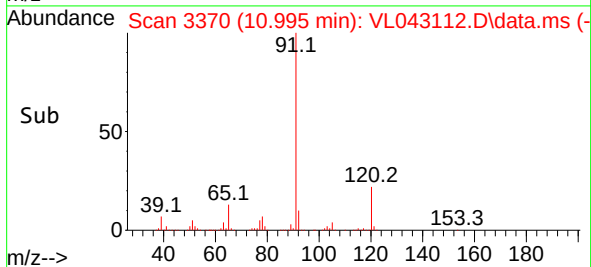
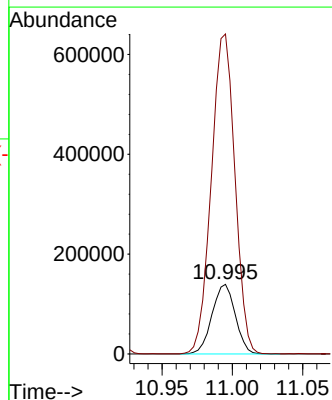
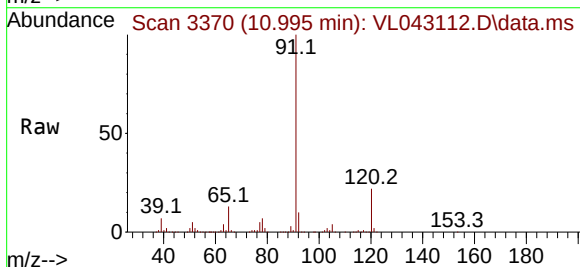
Acq: 14 Oct 2025 14:51

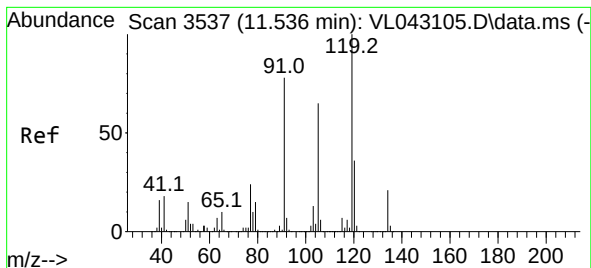
Tgt Ion: 120 Resp: 160411

Ion Ratio Lower Upper

120 100

91 467.8 361.6 542.4

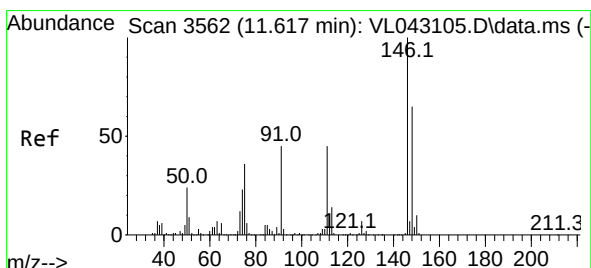
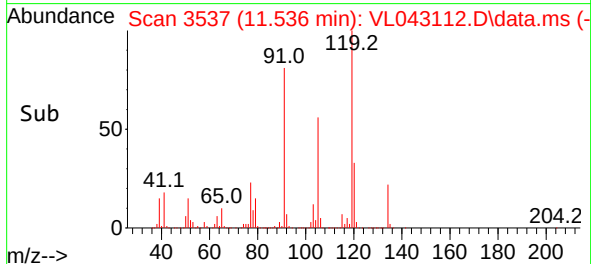
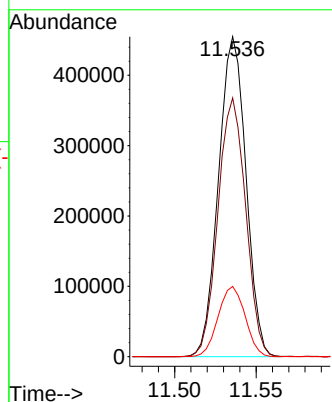
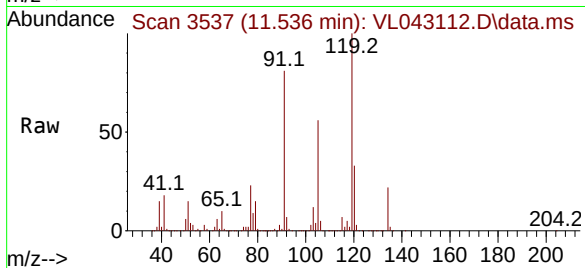




#65
tert-Butylbenzene
Concen: 8.464 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

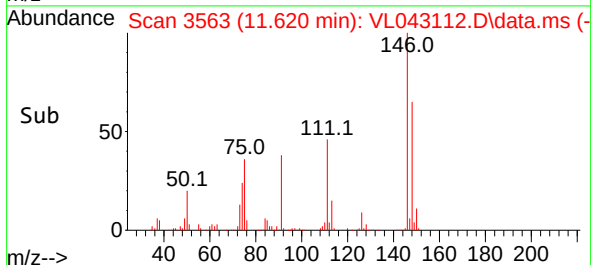
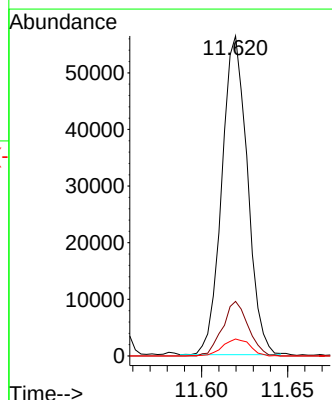
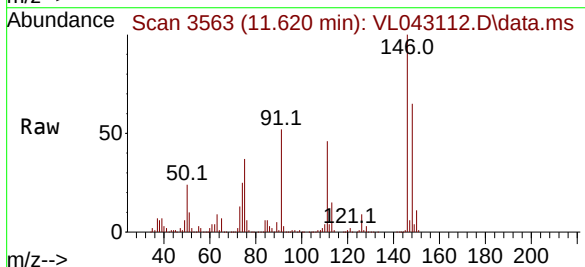
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

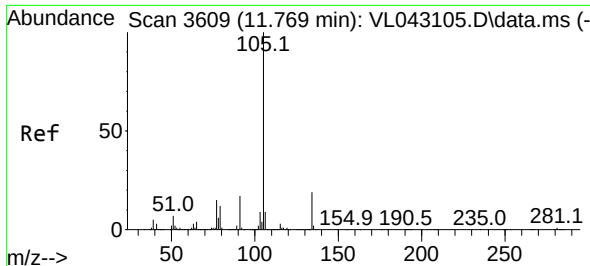
Tgt Ion:119 Resp: 532570
Ion Ratio Lower Upper
119 100
91 81.6 63.4 95.0
134 21.6 17.3 25.9



#66
Benzyl Chloride
Concen: 8.306 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 91 Resp: 58169
Ion Ratio Lower Upper
91 100
126 17.2 14.6 22.0
128 5.8 4.6 6.8

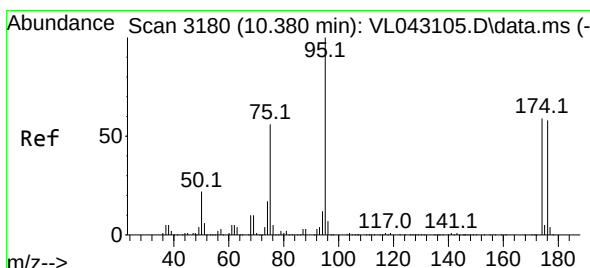
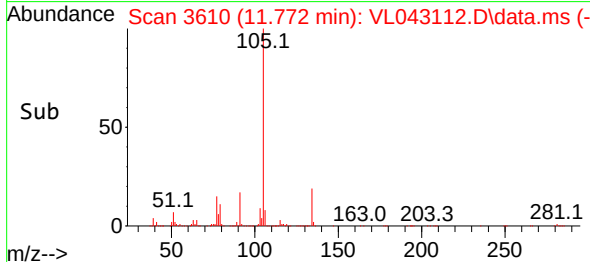
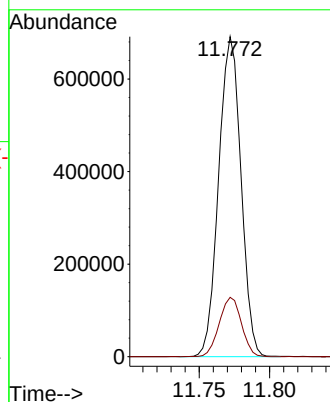
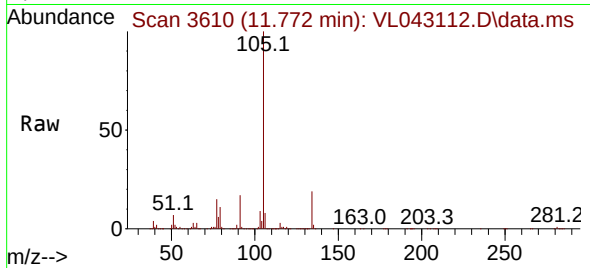




#67
 sec-Butylbenzene
 Concen: 8.541 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

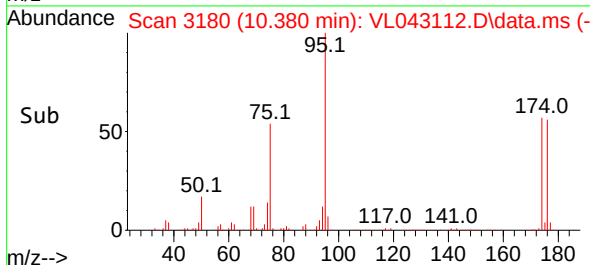
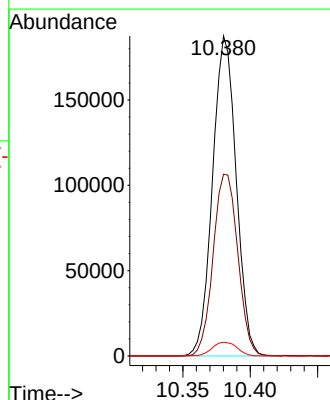
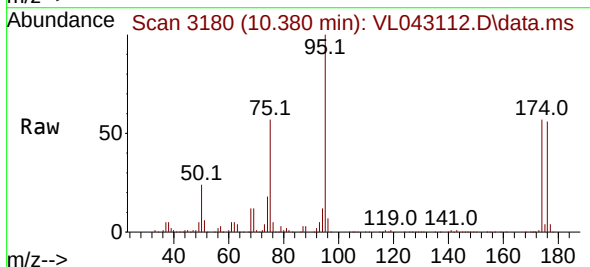
Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL101425

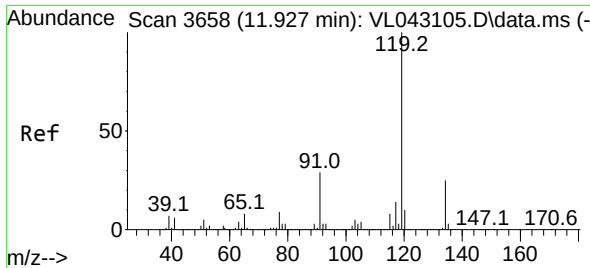
Tgt Ion:105 Resp: 762711
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.5 23.3



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.101 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Tgt Ion: 95 Resp: 229010
 Ion Ratio Lower Upper
 95 100
 174 59.2 48.3 72.5
 175 4.6 3.8 5.8

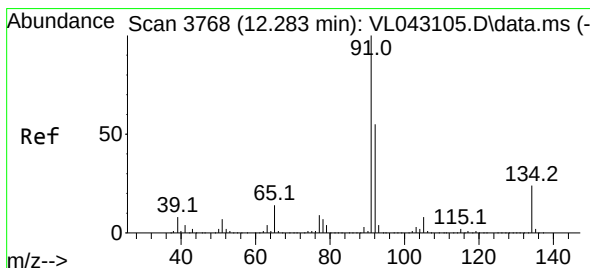
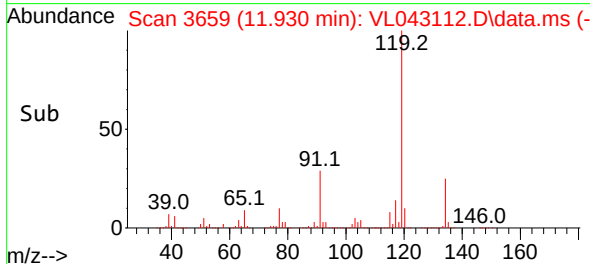
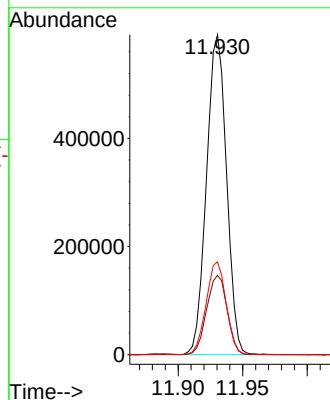
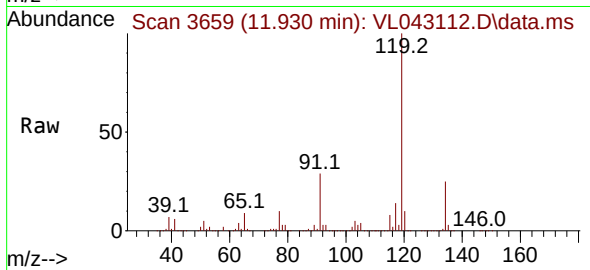




#69
p-Isopropyltoluene
Concen: 8.411 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

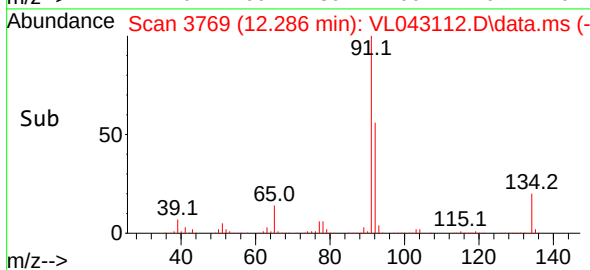
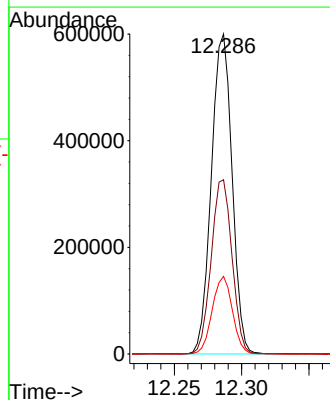
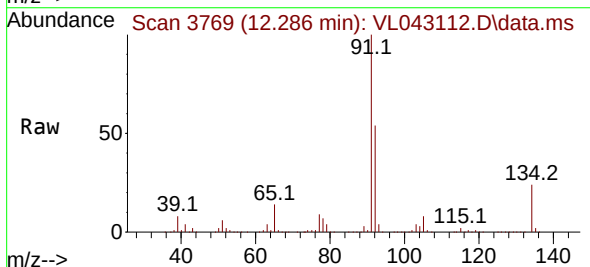
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

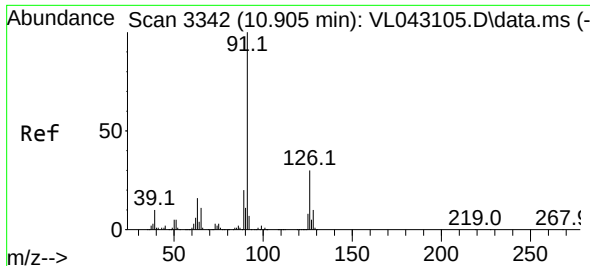
Tgt Ion:119 Resp: 638261
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 29.0 22.6 33.8



#70
n-Butylbenzene
Concen: 8.579 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 91 Resp: 641547
Ion Ratio Lower Upper
91 100
92 54.8 44.5 66.7
134 23.7 19.3 28.9

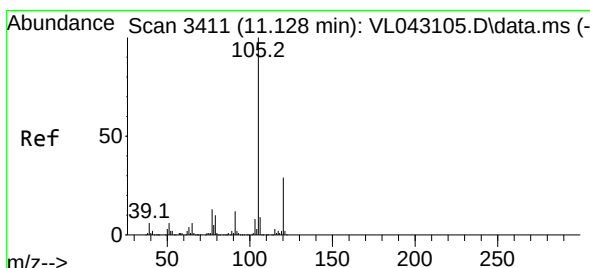
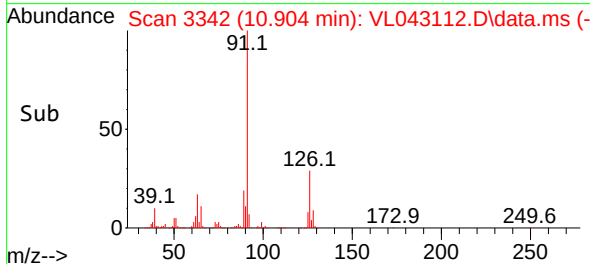
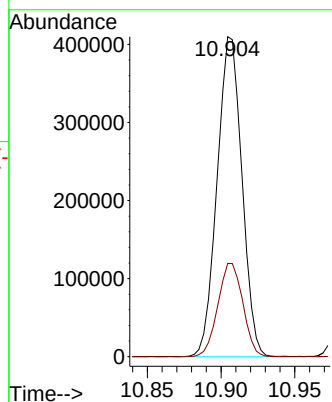
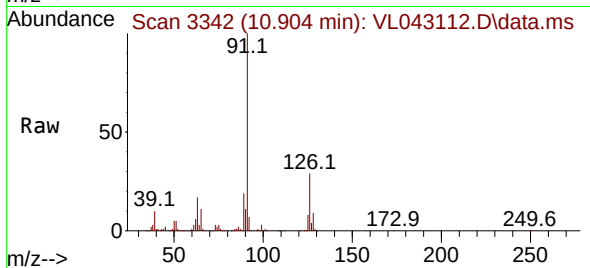




#71
2-Chlorotoluene
Concen: 8.828 ppbv
RT: 10.904 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

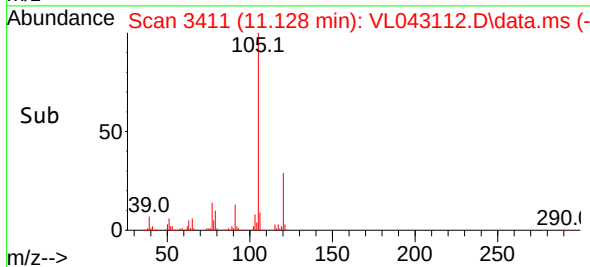
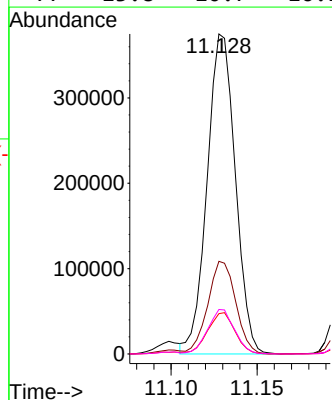
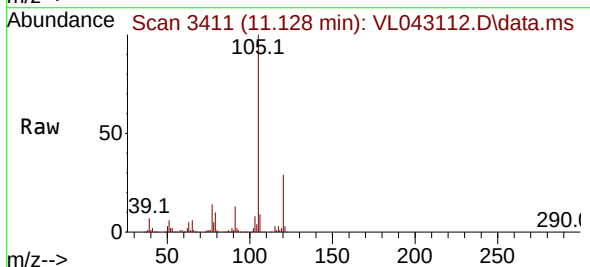
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

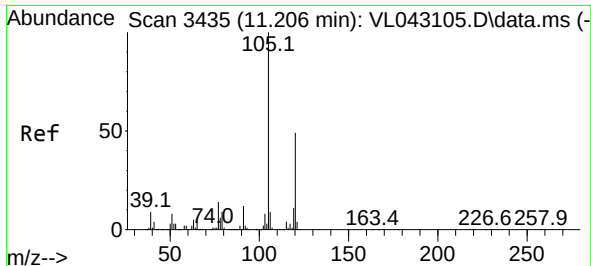
Tgt Ion: 91 Resp: 479799
Ion Ratio Lower Upper
91 100
126 29.3 12.0 48.0



#72
4-Ethyltoluene
Concen: 8.807 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. -0.000 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion: 105 Resp: 427034
Ion Ratio Lower Upper
105 100
120 29.8 24.2 36.4
91 13.1 10.0 15.0
77 13.8 10.7 16.1

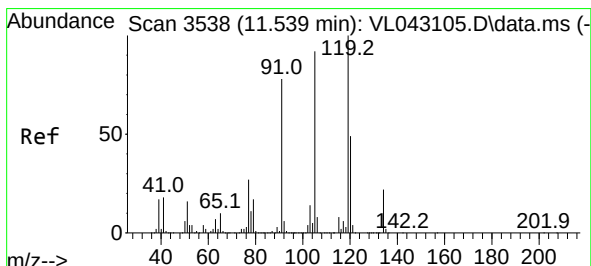
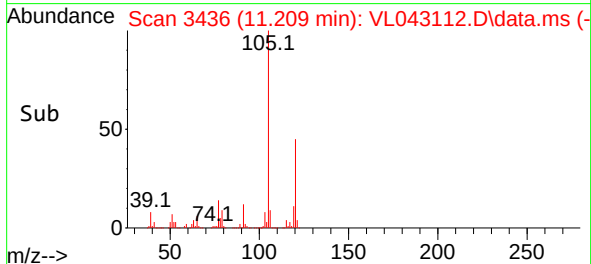
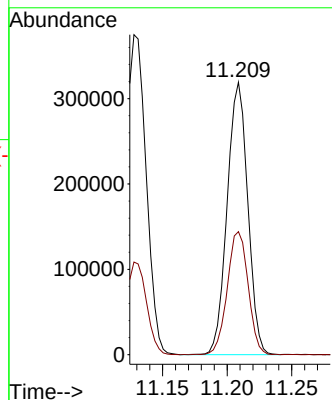
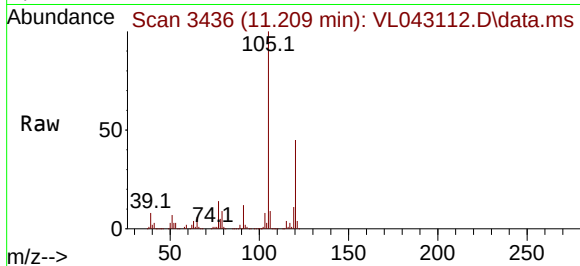




#73
1,3,5-Trimethylbenzene
Concen: 8.874 ppbv
RT: 11.209 min Scan# 3435
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

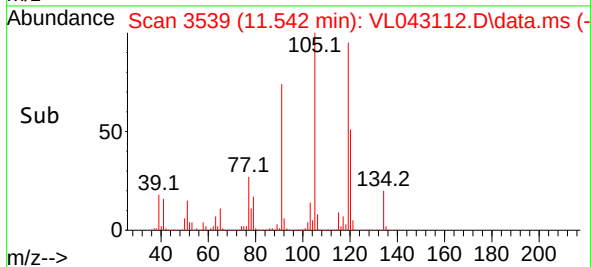
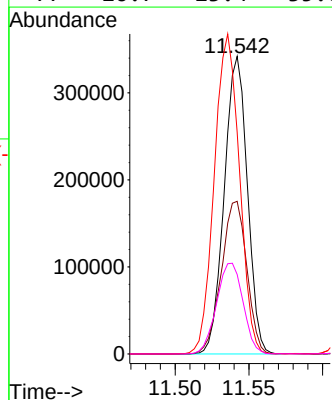
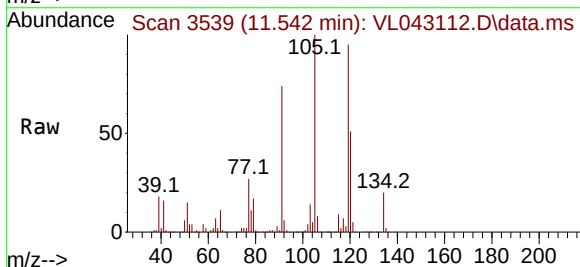
Instrument :
MSVOA_L
ClientSampleId :
ICVVL101425

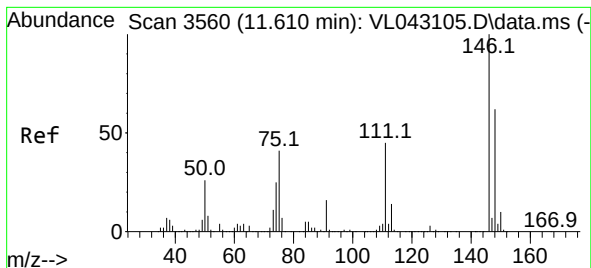
Tgt Ion:105 Resp: 354875
Ion Ratio Lower Upper
105 100
120 45.2 39.0 58.6



#74
1,2,4-Trimethylbenzene
Concen: 8.324 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VL043112.D
Acq: 14 Oct 2025 14:51

Tgt Ion:105 Resp: 372506
Ion Ratio Lower Upper
105 100
120 51.3 42.8 64.2
91 74.4 68.3 102.5
77 26.7 23.4 35.0





#75

1,3-Dichlorobenzene

Concen: 8.454 ppbv

RT: 11.610 min Scan# 3560

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_1

ClientSampleId :

ICVVL101425

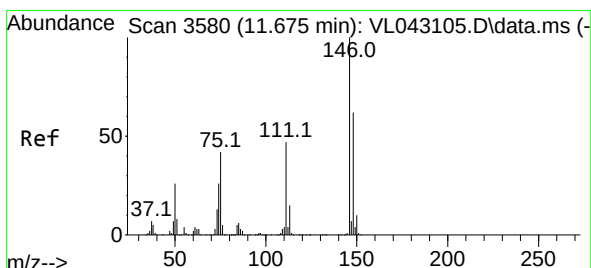
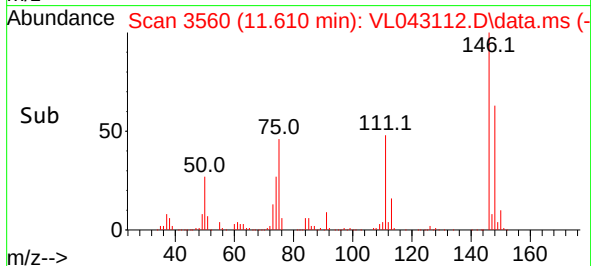
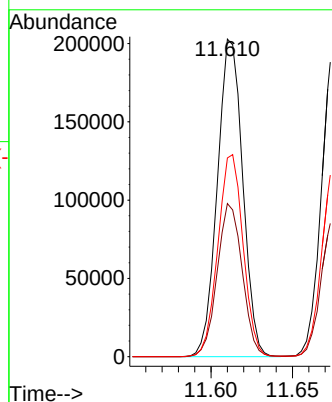
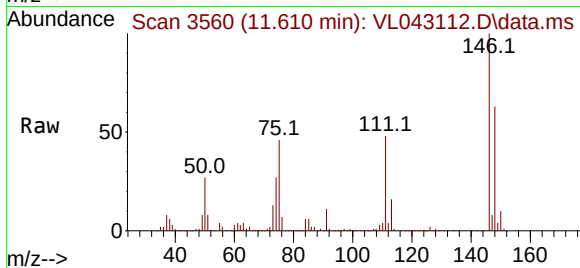
Tgt Ion:146 Resp: 219423

Ion Ratio Lower Upper

146 100

111 47.6 23.3 69.9

148 63.3 31.6 95.0



#76

1,4-Dichlorobenzene

Concen: 8.458 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

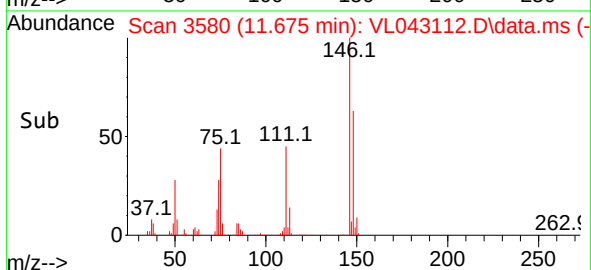
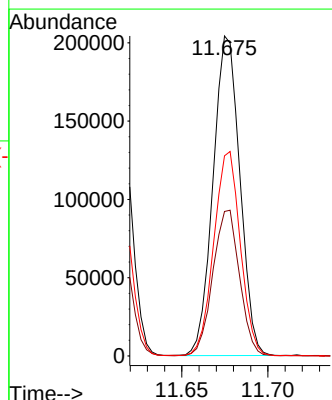
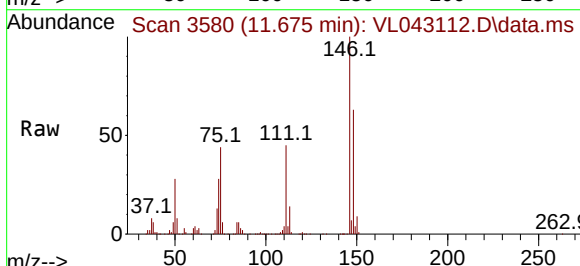
Tgt Ion:146 Resp: 221364

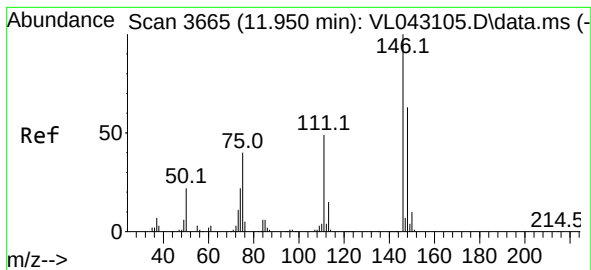
Ion Ratio Lower Upper

146 100

111 45.7 22.4 67.0

148 63.6 31.6 94.7





#77

1,2-Dichlorobenzene

Concen: 8.132 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. 0.003 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_L

ClientSampleId :

ICVVL101425

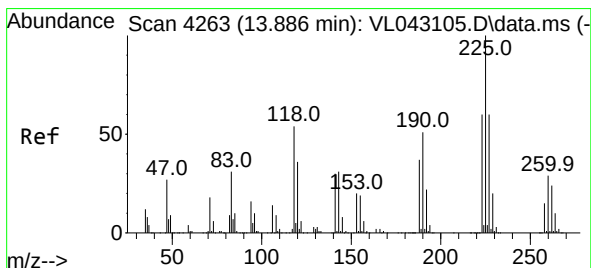
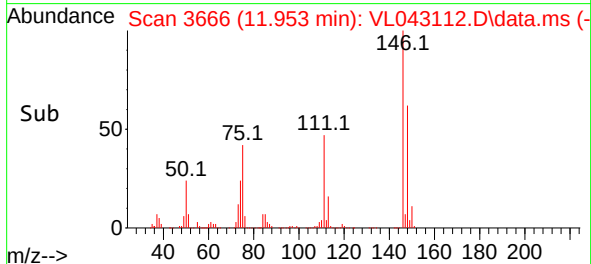
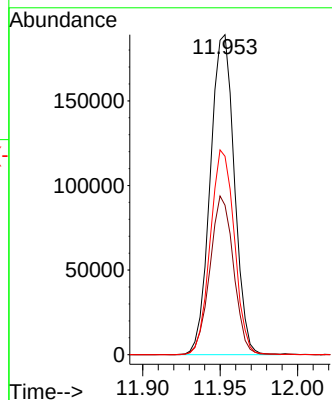
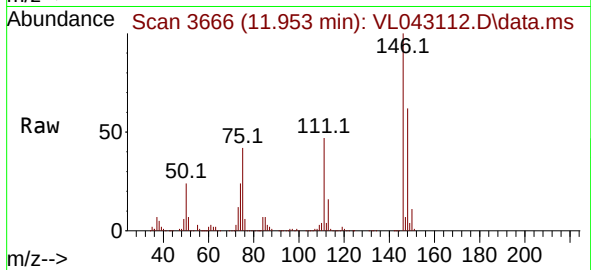
Tgt Ion:146 Resp: 204178

Ion Ratio Lower Upper

146 100

111 48.8 24.0 72.0

148 64.1 31.1 93.3



#78

Hexachloro-1,3-Butadiene

Concen: 7.440 ppbv

RT: 13.885 min Scan# 4263

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

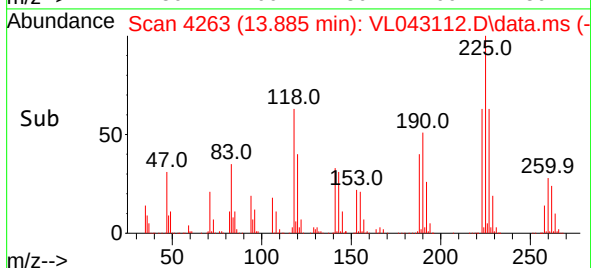
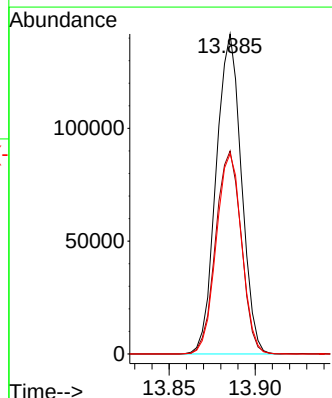
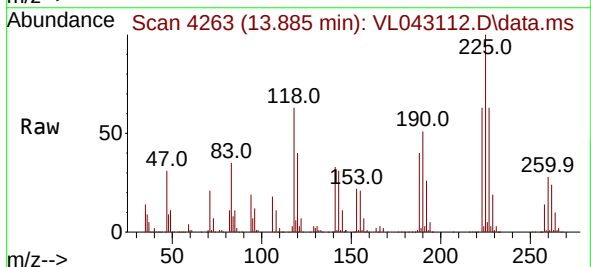
Tgt Ion:225 Resp: 144646

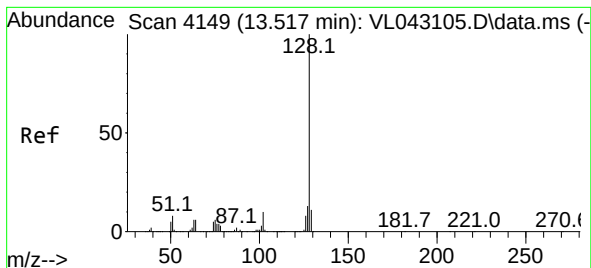
Ion Ratio Lower Upper

225 100

223 64.1 50.2 75.4

227 62.9 49.6 74.4





#79

Naphthalene

Concen: 8.334 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

Instrument :

MSVOA_1

ClientSampleId :

ICVVL101425

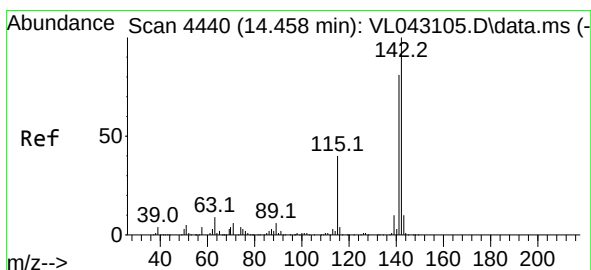
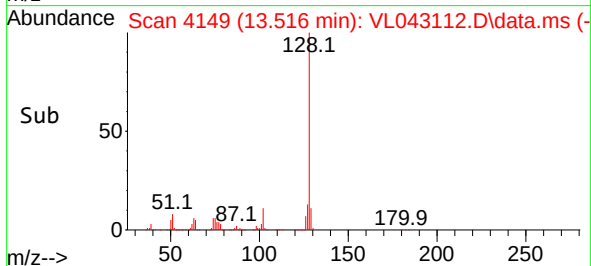
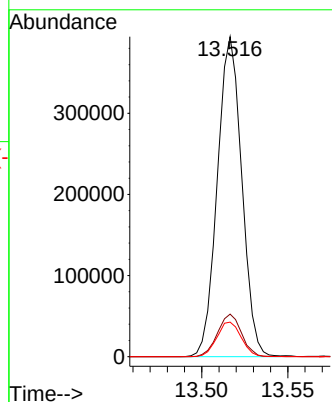
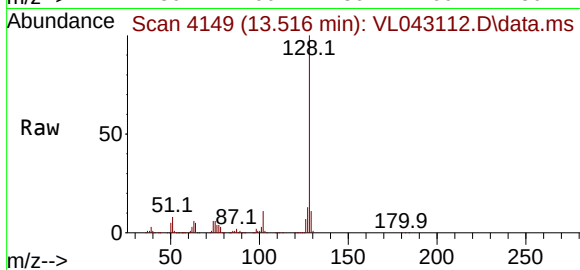
Tgt Ion:128 Resp: 389814

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.8 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 10.146 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.000 min

Lab File: VL043112.D

Acq: 14 Oct 2025 14:51

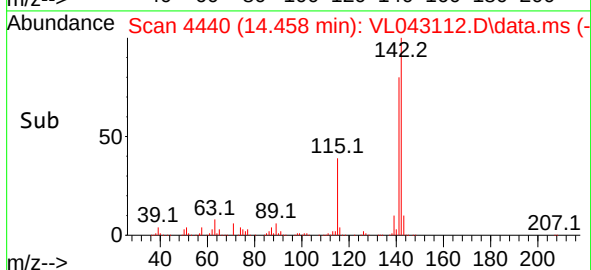
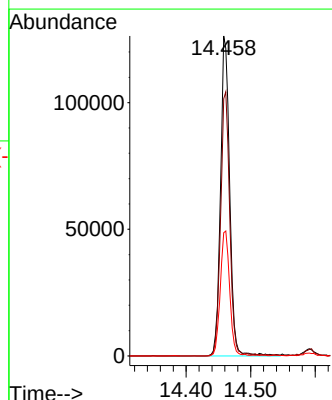
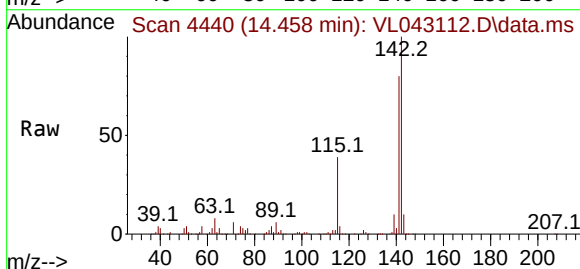
Tgt Ion:142 Resp: 123632

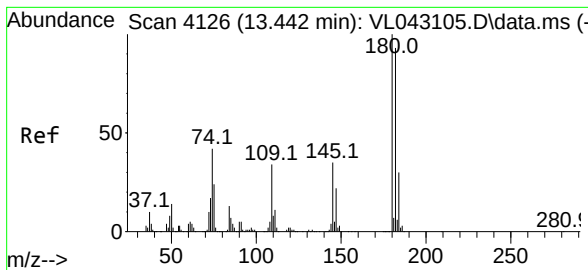
Ion Ratio Lower Upper

142 100

141 83.1 64.6 97.0

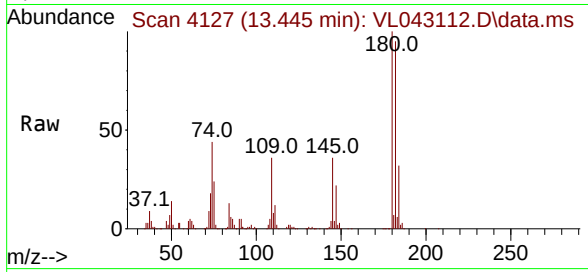
115 40.3 30.2 45.4





#81
 1,2,4-Trichlorobenzene
 Concen: 8.373 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL043112.D
 Acq: 14 Oct 2025 14:51

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL101425



Tgt Ion:	180	Resp:	162553
Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.5	113.3
184	30.4	23.9	35.9

