

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100225\
 Data File : VL043034.D
 Acq On : 02 Oct 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 03 08:03:15 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	174129	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.936	114	522004	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.859	117	431704	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.357	95	313212	10.071	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.492	85	31391	1.070	ppbv	98
3) Chlorodifluoromethane	1.470	51	29622	1.043	ppbv	97
4) Chloromethane	1.528	50	11539	1.076	ppbv	91
5) Vinyl Chloride	1.573	62	9984	0.981	ppbv	98
6) Bromomethane	1.661	94	4926	1.078	ppbv	97
7) Chloroethane	1.699	64	4474	1.054	ppbv	90
8) Dichlorotetrafluoroethane	1.547	85	24892	1.035	ppbv	98
9) Propene	1.479	41	12033	1.051	ppbv	97
10) Heptane	4.952	43	27247	0.966	ppbv	98
11) Trichlorofluoromethane	1.871	101	32491	1.077	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.130	101	24551	1.034	ppbv	99
13) Ethanol	1.716	45	849	0.777	ppbv #	48
14) Bromoethene	1.774	108	8693	1.021	ppbv #	94
15) Acetone	1.829	43	27190	1.115	ppbv	97
16) 1,3-Butadiene	1.602	39	10229	1.018	ppbv	100
17) tert-Butyl alcohol	2.033	59	27609	1.071	ppbv	96
18) 1,1-Dichloroethene	2.026	96	10892	1.046	ppbv	94
19) Isopropyl Alcohol	1.877	45	12661	1.084	ppbv	86
20) Methylene Chloride	2.052	84	11906	1.119	ppbv #	92
21) Allyl Chloride	2.088	41	15455	0.989	ppbv	96
22) trans-1,2-Dichloroethene	2.331	96	12411	1.050	ppbv	99
23) Vinyl Acetate	2.450	43	5498	1.062	ppbv #	77
24) 1,1-Dichloroethane	2.399	63	23773	1.061	ppbv	97
25) Ethyl Acetate	2.823	43	63776	1.043	ppbv	100
26) Hexane	2.813	57	22126	0.940	ppbv	80
27) Carbon Disulfide	2.140	76	28818	1.037	ppbv #	62
28) Methyl tert-Butyl Ether	2.428	73	15176	1.031	ppbv	99
29) Chloroform	2.832	83	41697	1.039	ppbv	99
30) Cyclohexane	3.839	84	18605	0.962	ppbv	97
31) cis-1,2-Dichloroethene	2.709	61	24206	1.001	ppbv	97
32) 1,1,1-Trichloroethane	3.350	97	38581	0.990	ppbv	95
34) 2-Butanone	2.544	43	35775	1.010	ppbv	100
35) Carbon Tetrachloride	3.742	117	41999	0.978	ppbv	94
36) Benzene	3.638	78	51343	1.029	ppbv	95
37) 1,2-Dichloroethane	3.201	62	30102	1.019	ppbv	99
38) Trichloroethene	4.519	130	22132	1.065	ppbv	90
39) 1,2-Dichloropropane	4.289	63	18915	1.023	ppbv	90
40) 1,4-Dioxane	4.564	88	6335	0.798	ppbv #	63
41) Tetrahydrofuran	3.043	42	17630	0.963	ppbv	98
42) Bromodichloromethane	4.460	83	42012	1.007	ppbv	89
43) Methyl Methacrylate	4.849	69	14911	0.901	ppbv	95
44) 2,2,4-Trimethylpentane	4.609	57	77988	0.975	ppbv	96
45) t-1,3-Dichloropropene	6.380	75	13974	0.932	ppbv	92

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 Acq On : 02 Oct 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

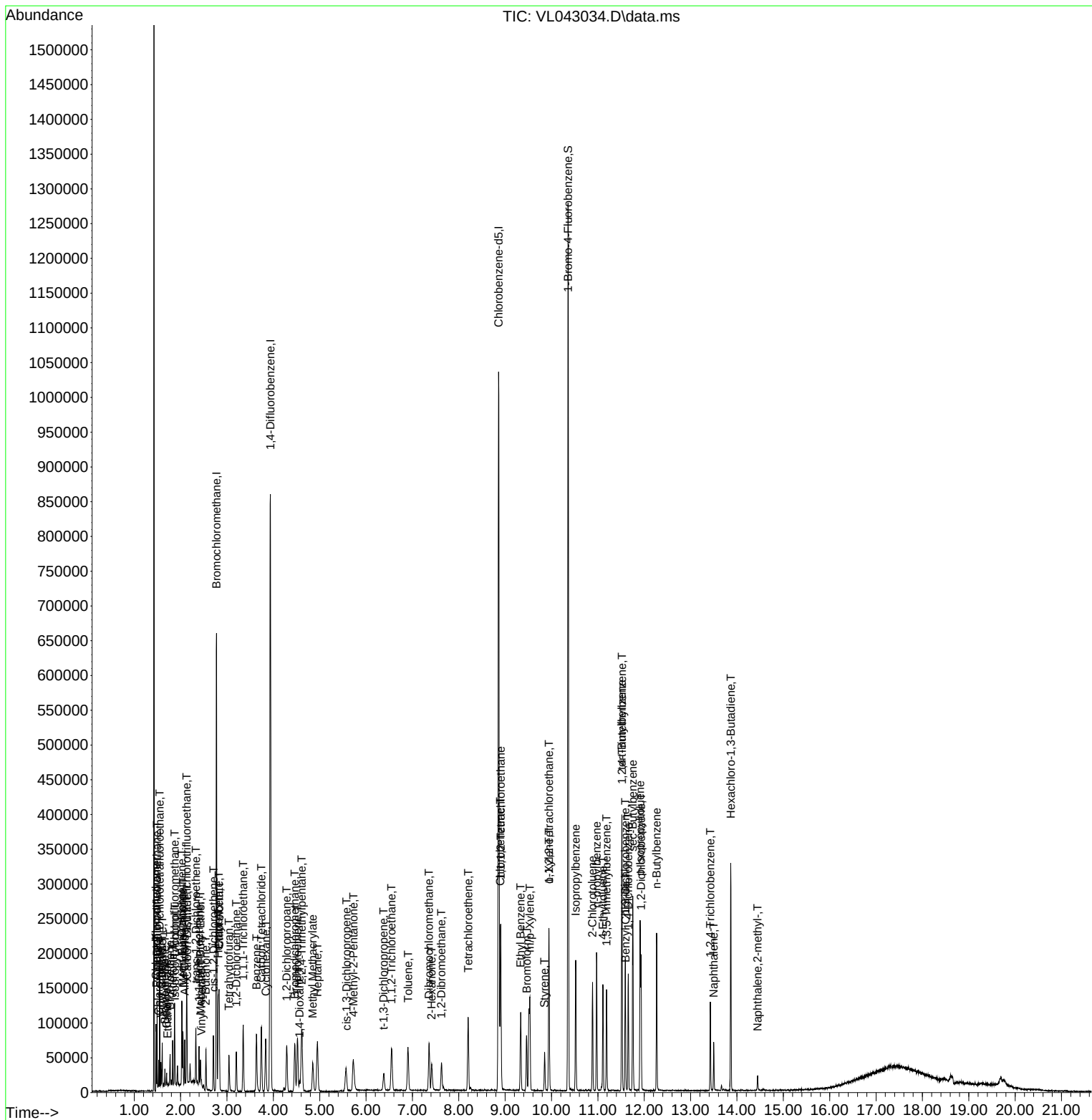
Instrument :
 MSVOA_L
 ClientSampleId :
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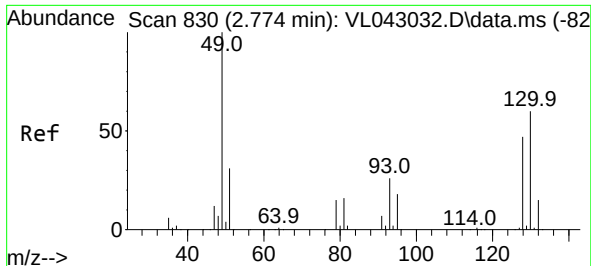
Quant Time: Oct 03 08:03:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Oct 03 07:59:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.580	75	4148	0.195	ppbv	98
47) 1,1,2-Trichloroethane	6.548	97	21164	1.029	ppbv #	85
48) Dibromochloromethane	7.357	129	33636	1.002	ppbv	100
49) Bromoform	9.464	173	26918	0.960	ppbv	98
50) 4-Methyl-2-Pentanone	5.729	43	39803	0.922	ppbv	98
51) 2-Hexanone	7.415	43	26904	0.878	ppbv #	95
52) Tetrachloroethene	8.202	164	17908	0.964	ppbv	97
53) Toluene	6.904	91	45974	0.913	ppbv	98
54) 1,2-Dibromoethane	7.626	107	24648	1.011	ppbv	85
56) 1,1,1,2-Tetrachloroethane	8.904	131	26884	1.022	ppbv	95
57) Chlorobenzene	8.898	112	47296	1.036	ppbv	97
58) Ethyl Benzene	9.335	91	59544	0.890	ppbv	97
59) m/p-Xylene	9.532	91	51624	0.915	ppbv #	23
60) o-Xylene	9.943	91	52489	0.934	ppbv	100
61) Styrene	9.849	104	19376	0.823	ppbv	97
62) Isopropylbenzene	10.523	105	82825	0.960	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.943	83	40981	1.012	ppbv	99
64) n-propylbenzene	10.972	120	21190	0.960	ppbv	96
65) tert-Butylbenzene	11.516	119	74677	0.973	ppbv	99
66) Benzyl Chloride	11.597	91	2866	0.963	ppbv	98
67) sec-Butylbenzene	11.752	105	106876	0.998	ppbv	100
69) p-Isopropyltoluene	11.911	119	81108	0.931	ppbv	99
70) n-Butylbenzene	12.267	91	76664	0.914	ppbv	97
71) 2-Chlorotoluene	10.885	91	58174	0.932	ppbv	100
72) 4-Ethyltoluene	11.108	105	61540	0.920	ppbv	98
73) 1,3,5-Trimethylbenzene	11.189	105	54851	0.948	ppbv	94
74) 1,2,4-Trimethylbenzene	11.519	105	64405	0.986	ppbv	98
75) 1,3-Dichlorobenzene	11.591	146	42580	1.003	ppbv	98
76) 1,4-Dichlorobenzene	11.655	146	40098	0.990	ppbv	100
77) 1,2-Dichlorobenzene	11.930	146	44771	1.058	ppbv	99
78) Hexachloro-1,3-Butadiene	13.866	225	30422	1.032	ppbv	99
79) Naphthalene	13.497	128	32191	0.831	ppbv	98
80) Naphthalene,2-methyl-	14.442	142	7210	0.923	ppbv	99
81) 1,2,4-Trichlorobenzene	13.426	180	20534	0.816	ppbv	100

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

Quant Time: Oct 03 08:03:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
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QLast Update : Fri Oct 03 07:59:23 2025
Response via : Initial Calibration

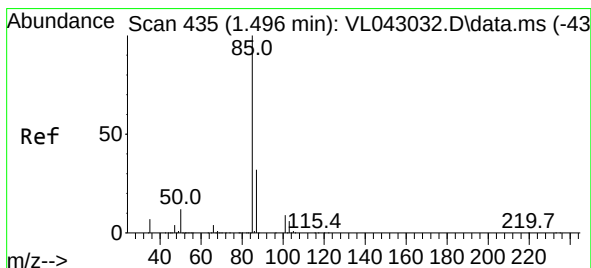
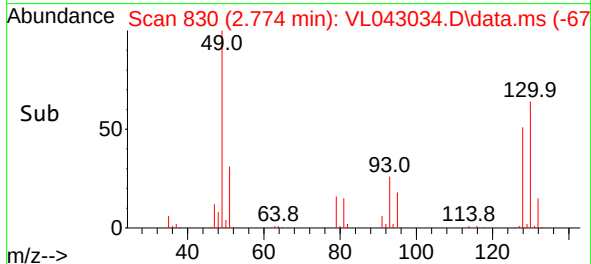
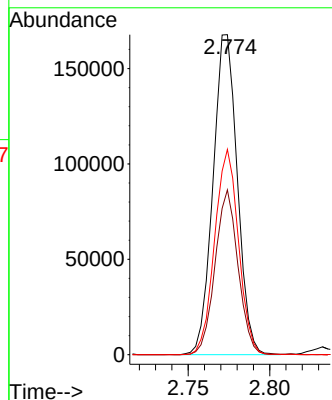
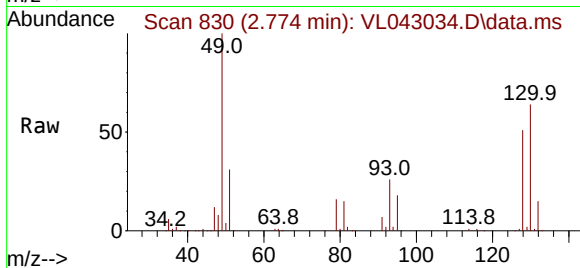




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

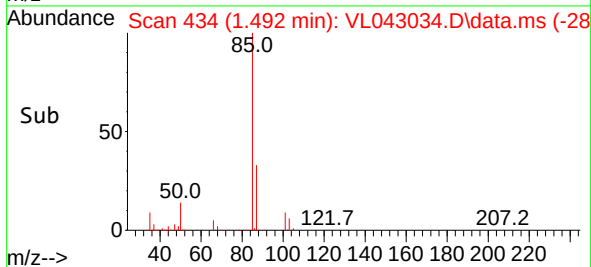
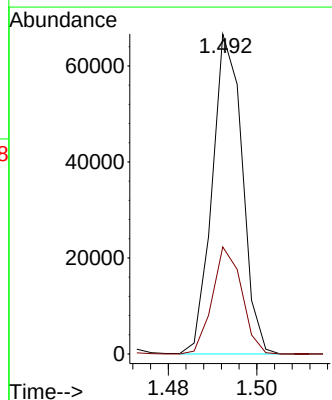
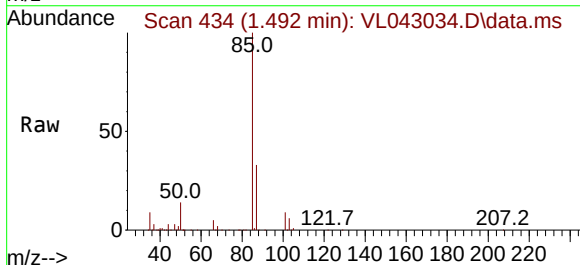
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

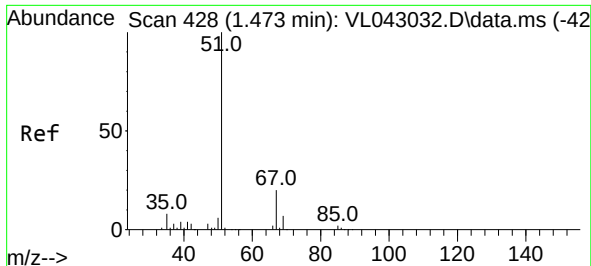
Tgt Ion: 49 Resp: 174129
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.2
130 62.9 31.4 94.3



#2
Dichlorodifluoromethane
Concen: 1.070 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 85 Resp: 31391
Ion Ratio Lower Upper
85 100
87 33.5 25.8 38.6

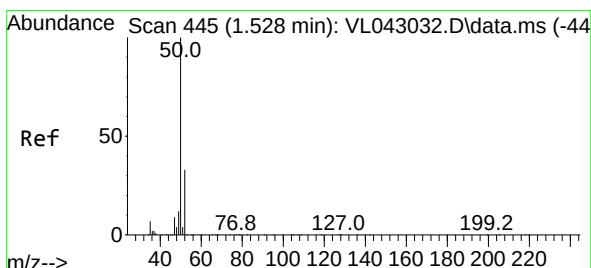
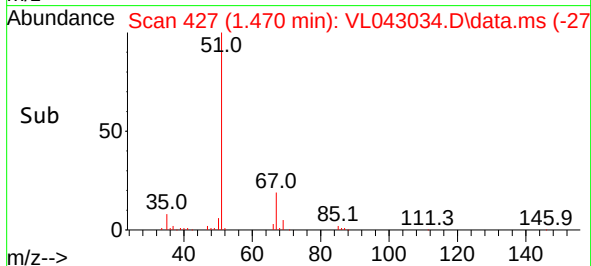
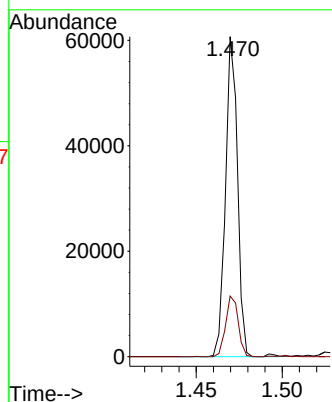
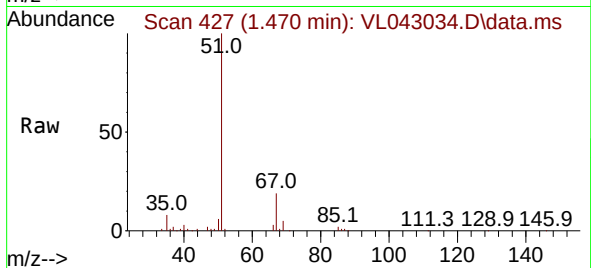




#3
Chlorodifluoromethane
Concen: 1.043 ppbv
RT: 1.470 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

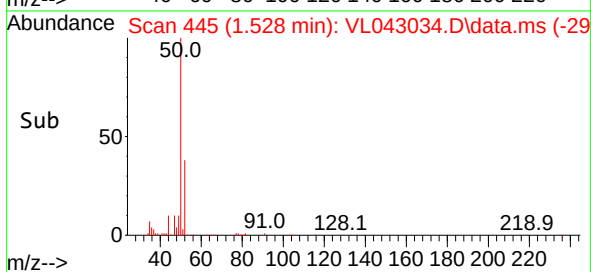
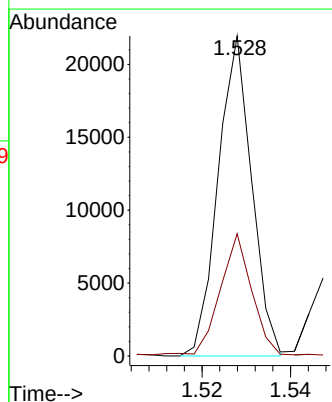
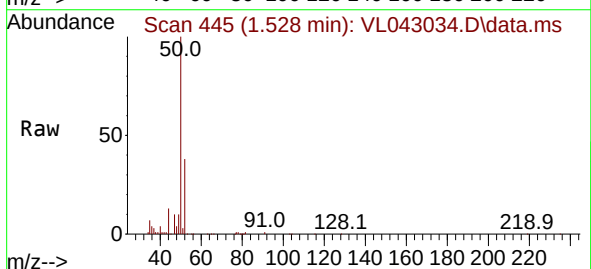
Instrument :
MSVOA_L
ClientSampleId :
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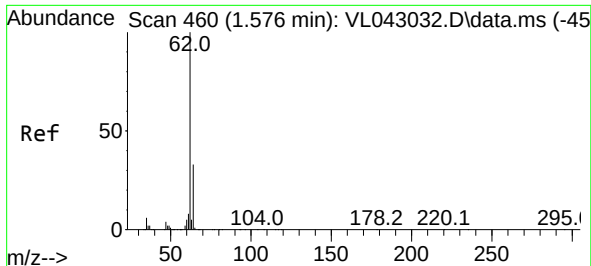
Tgt Ion: 51 Resp: 29622
Ion Ratio Lower Upper
51 100
67 20.1 15.1 22.7



#4
Chloromethane
Concen: 1.076 ppbv
RT: 1.528 min Scan# 445
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 50 Resp: 11539
Ion Ratio Lower Upper
50 100
52 37.7 26.2 39.2

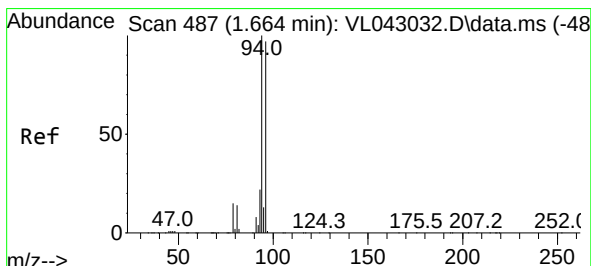
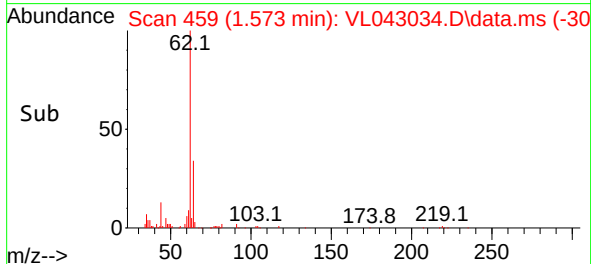
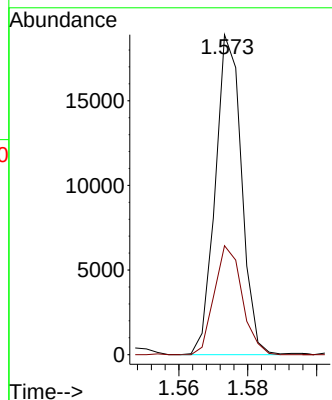
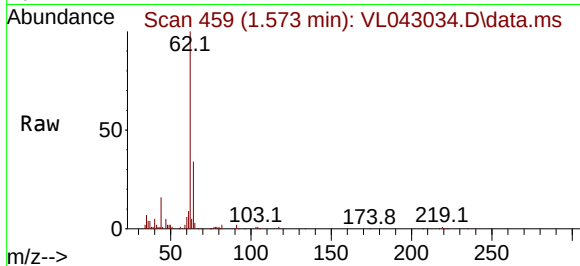




#5
Vinyl Chloride
Concen: 0.981 ppbv
RT: 1.573 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

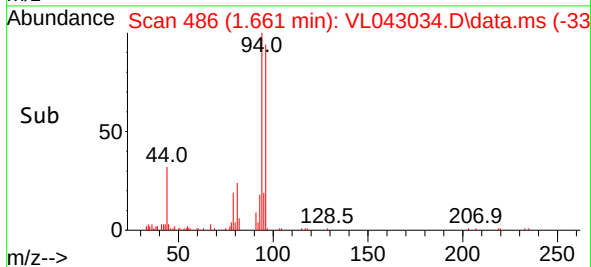
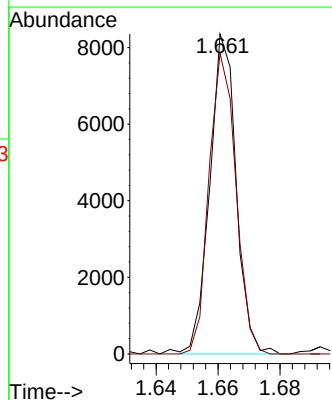
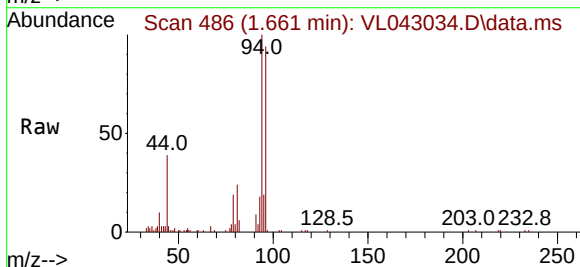
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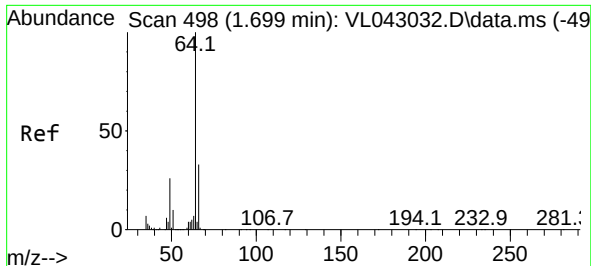
Tgt Ion: 62 Resp: 9984
Ion Ratio Lower Upper
62 100
64 34.0 26.2 39.2



#6
Bromomethane
Concen: 1.078 ppbv
RT: 1.661 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 94 Resp: 4926
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4

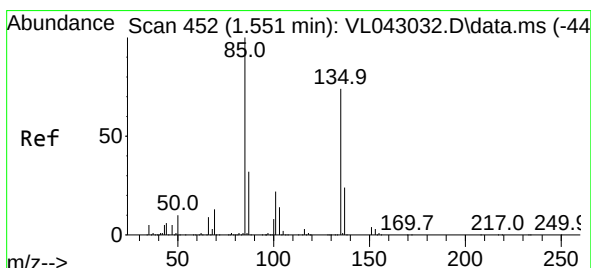
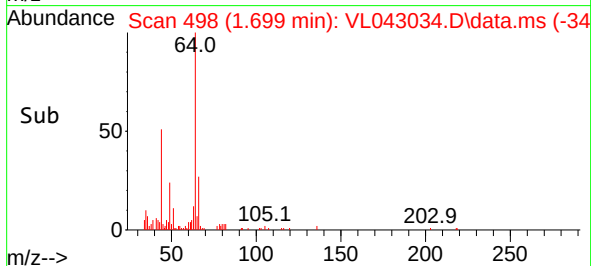
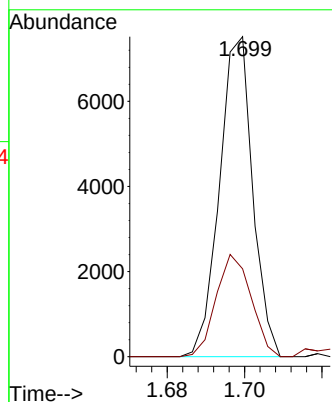
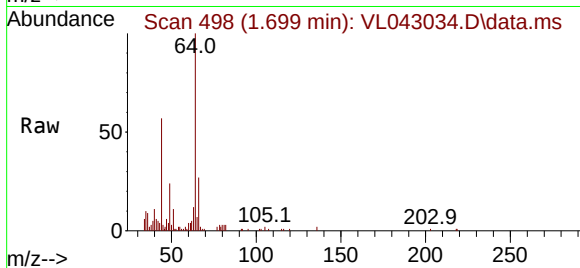




#7
Chloroethane
Concen: 1.054 ppbv
RT: 1.699 min Scan# 498
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

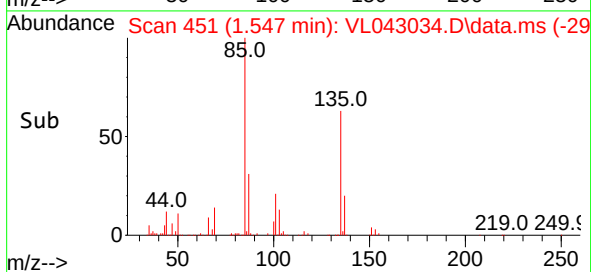
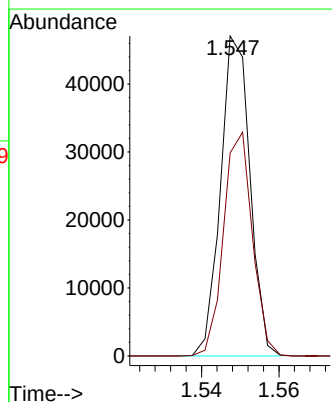
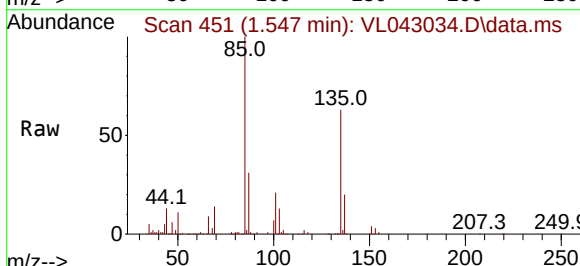
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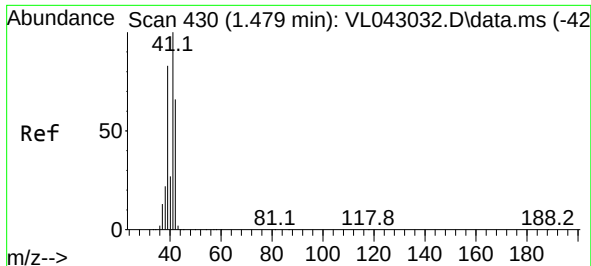
Tgt Ion: 64 Resp: 4474
Ion Ratio Lower Upper
64 100
66 27.5 26.6 39.8



#8
Dichlorotetrafluoroethane
Concen: 1.035 ppbv
RT: 1.547 min Scan# 451
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 85 Resp: 24892
Ion Ratio Lower Upper
85 100
135 68.7 56.3 84.5

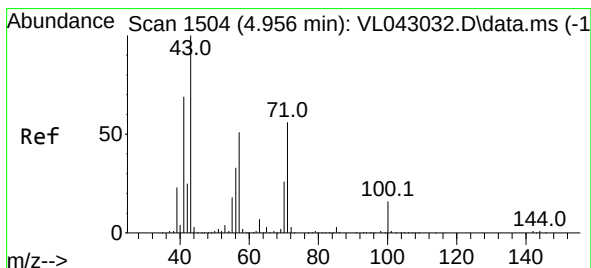
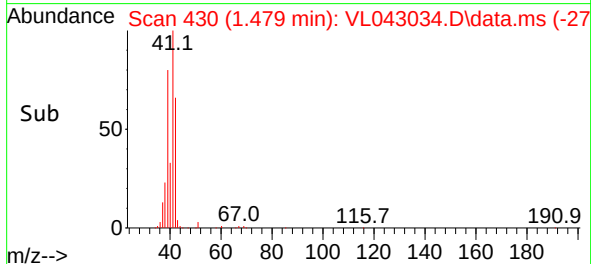
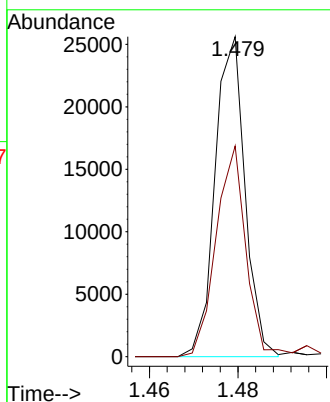
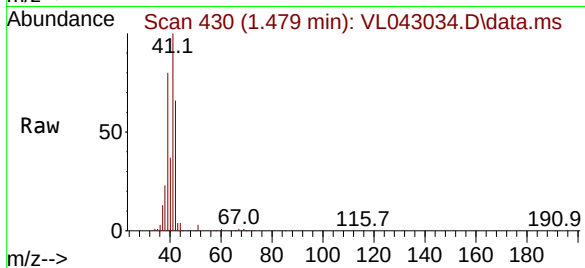




#9
Propene
Concen: 1.051 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

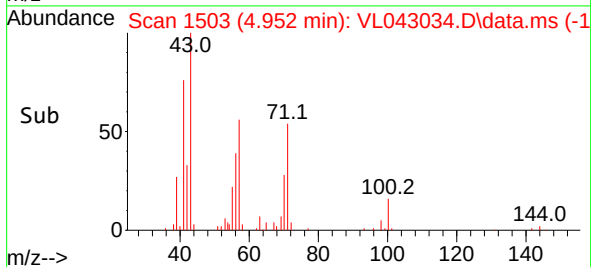
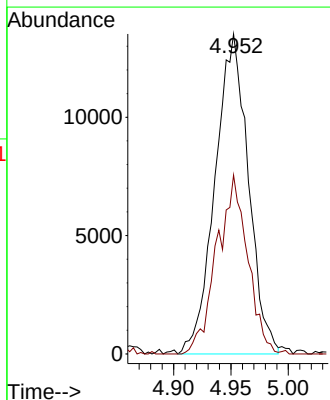
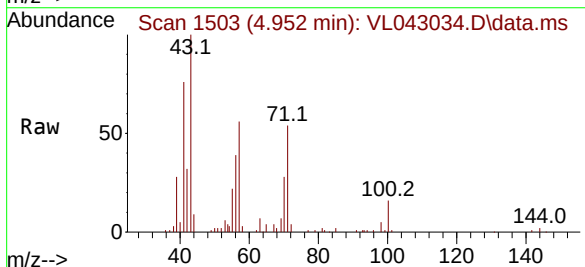
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

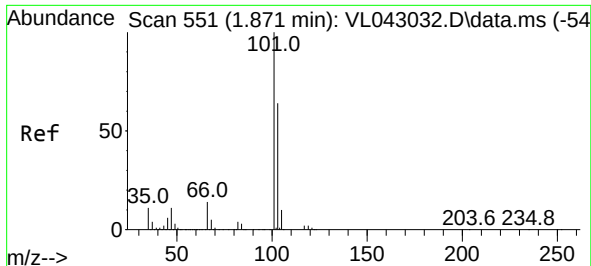
Tgt Ion: 41 Resp: 12033
Ion Ratio Lower Upper
41 100
42 69.3 53.3 79.9



#10
Heptane
Concen: 0.966 ppbv
RT: 4.952 min Scan# 1503
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 43 Resp: 27247
Ion Ratio Lower Upper
43 100
57 51.9 40.3 60.5

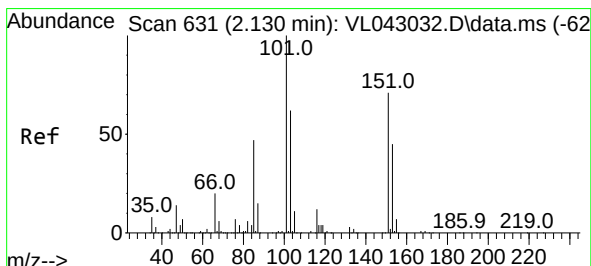
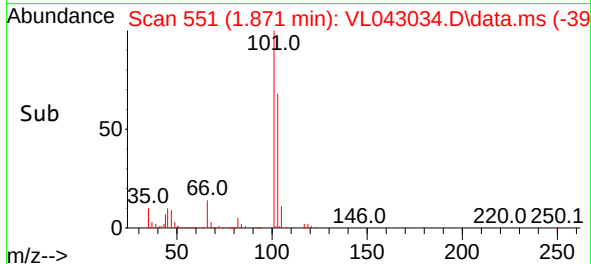
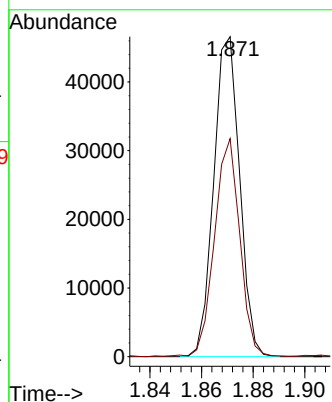
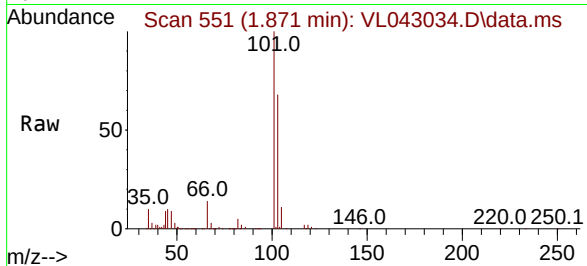




#11
 Trichlorofluoromethane
 Concen: 1.077 ppbv
 RT: 1.871 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

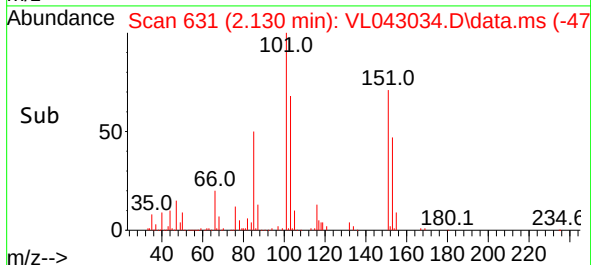
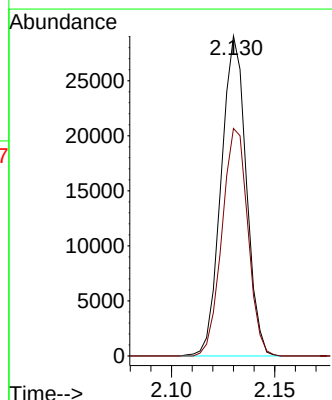
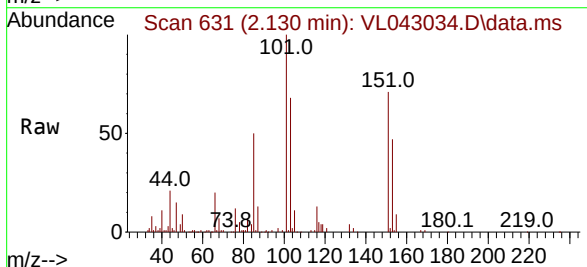
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

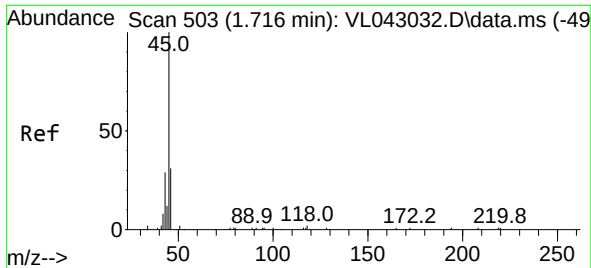
Tgt Ion:101 Resp: 32491
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.034 ppbv
 RT: 2.130 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion:101 Resp: 24551
 Ion Ratio Lower Upper
 101 100
 151 73.2 58.1 87.1

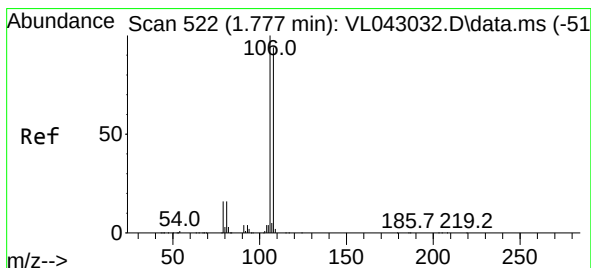
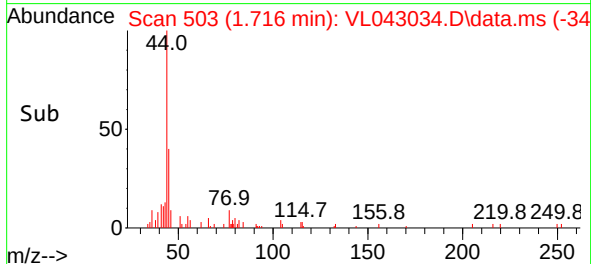
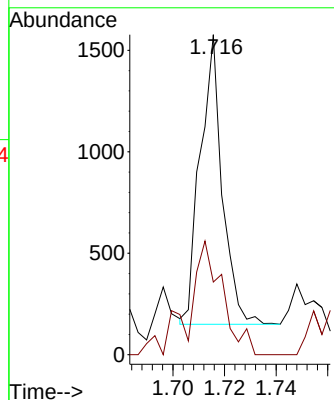
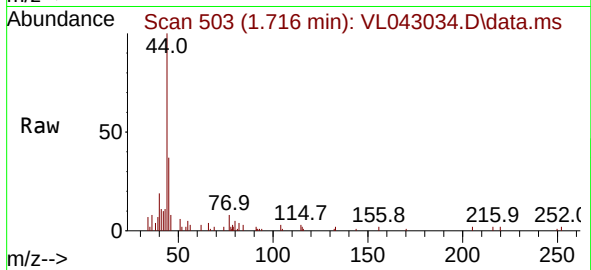




#13
Ethanol
Concen: 0.777 ppbv
RT: 1.716 min Scan# 503
Delta R.T. -0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

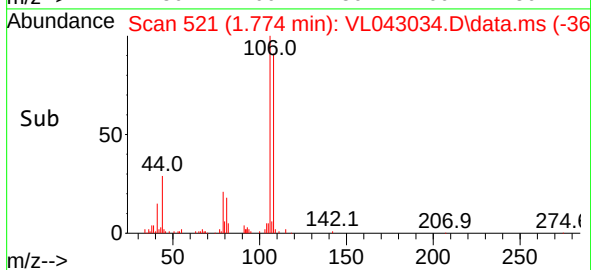
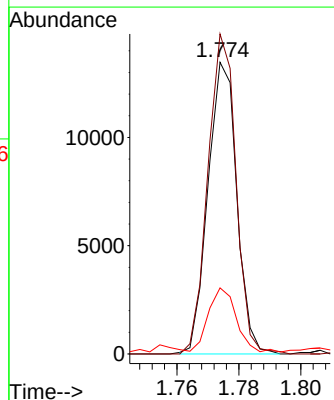
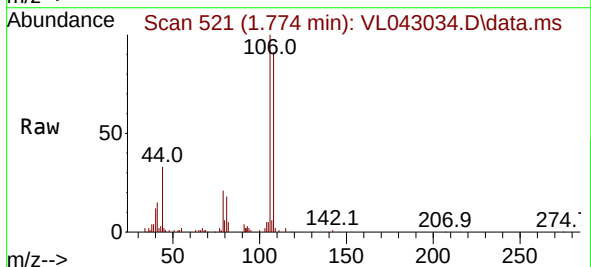
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

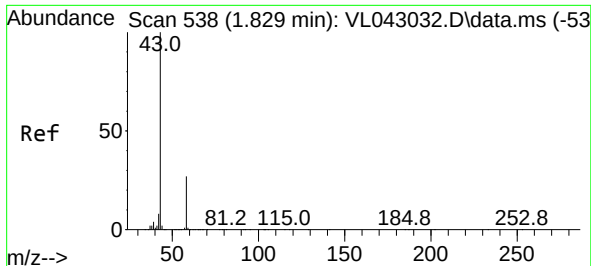
Tgt Ion: 45 Resp: 849
Ion Ratio Lower Upper
45 100
46 78.7 17.8 71.4#



#14
Bromoethene
Concen: 1.021 ppbv
RT: 1.774 min Scan# 521
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 108 Resp: 8693
Ion Ratio Lower Upper
108 100
106 106.9 85.2 127.8
79 34.7 14.8 22.2#





#15

Acetone

Concen: 1.115 ppbv

RT: 1.829 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_1

ClientSampleId :

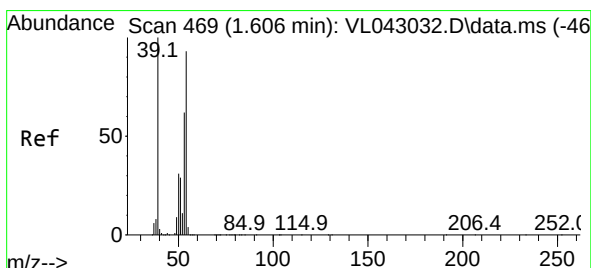
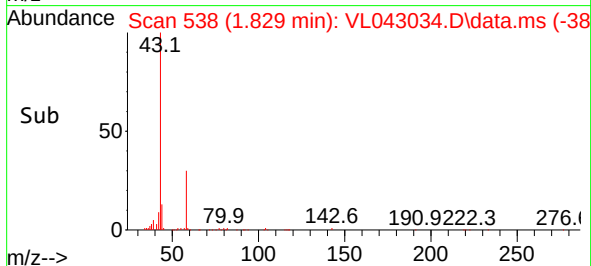
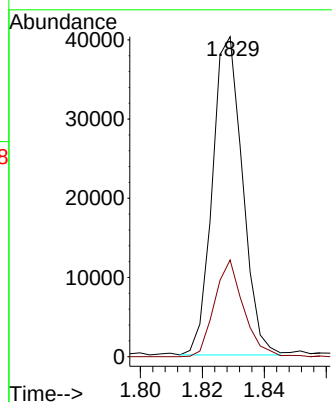
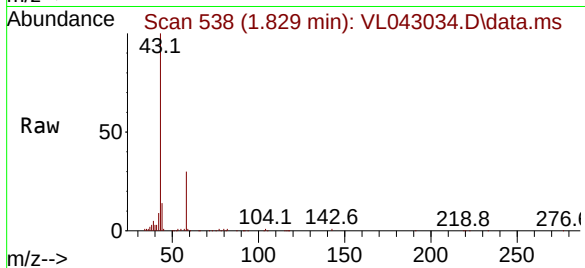
VSTDIC001

Tgt Ion: 43 Resp: 27190

Ion Ratio Lower Upper

43 100

58 29.3 22.2 33.4



#16

1,3-Butadiene

Concen: 1.018 ppbv

RT: 1.602 min Scan# 468

Delta R.T. -0.003 min

Lab File: VL043034.D

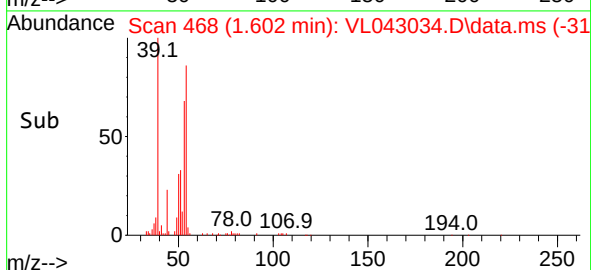
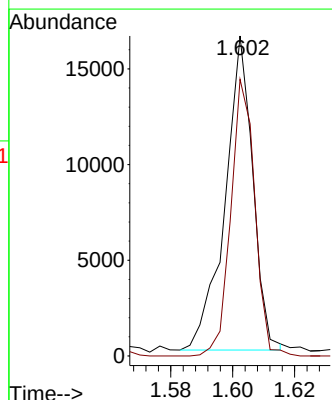
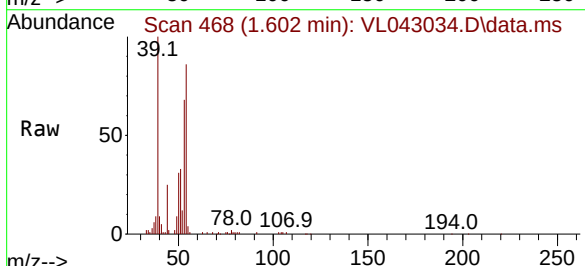
Acq: 02 Oct 2025 11:29

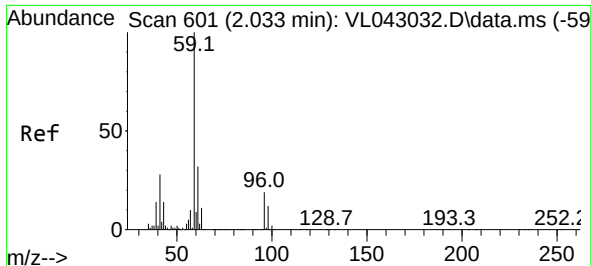
Tgt Ion: 39 Resp: 10229

Ion Ratio Lower Upper

39 100

54 76.8 61.4 92.2





#17

tert-Butyl alcohol

Concen: 1.071 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_1

ClientSampleId :

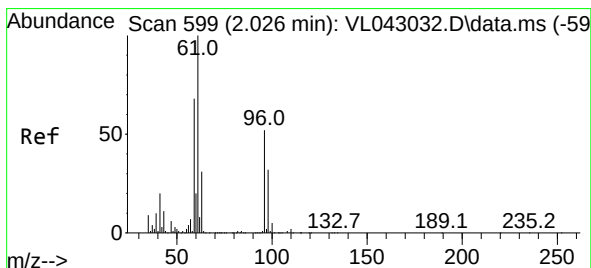
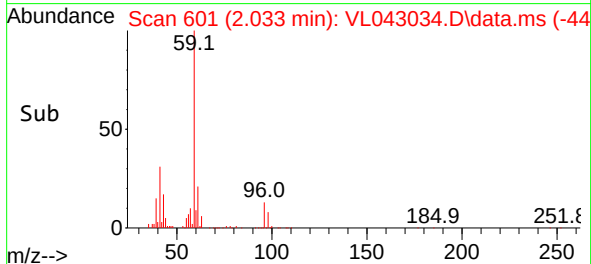
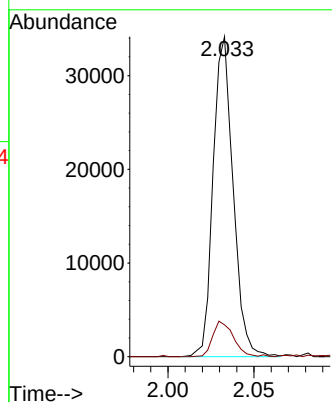
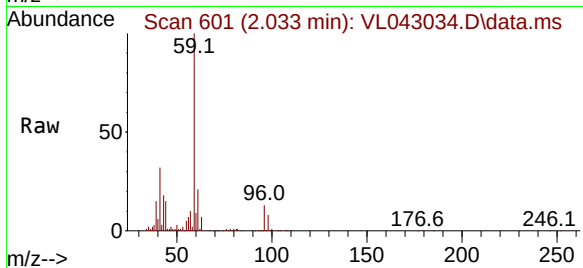
VSTDIC001

Tgt Ion: 59 Resp: 27609

Ion Ratio Lower Upper

59 100

57 12.0 8.5 12.7



#18

1,1-Dichloroethene

Concen: 1.046 ppbv

RT: 2.026 min Scan# 599

Delta R.T. 0.000 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

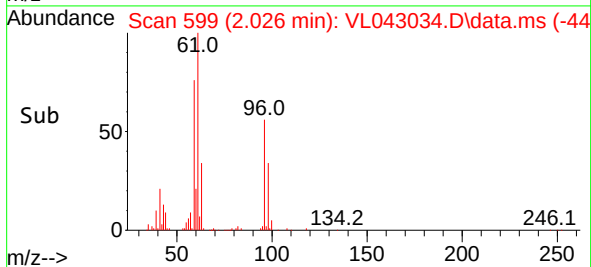
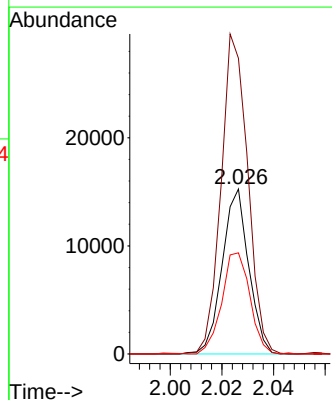
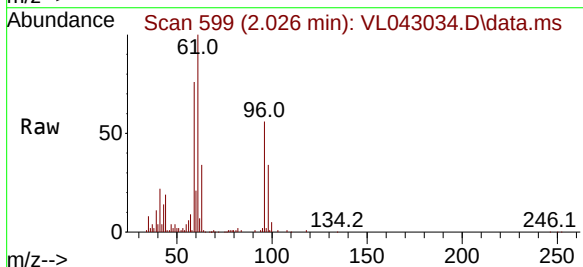
Tgt Ion: 96 Resp: 10892

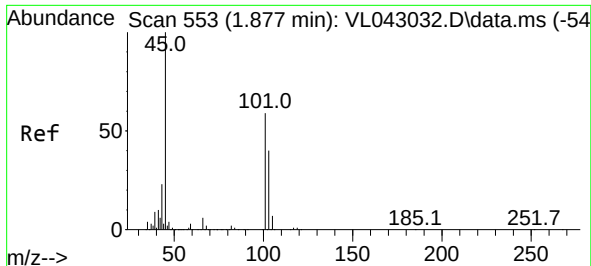
Ion Ratio Lower Upper

96 100

61 179.2 153.0 229.6

98 61.3 48.8 73.2

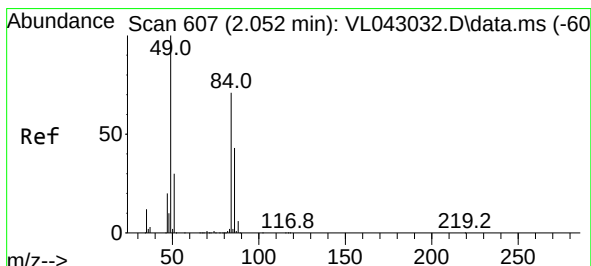
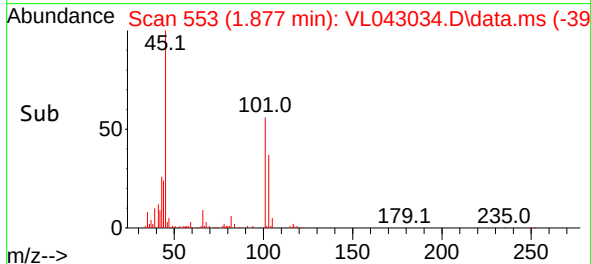
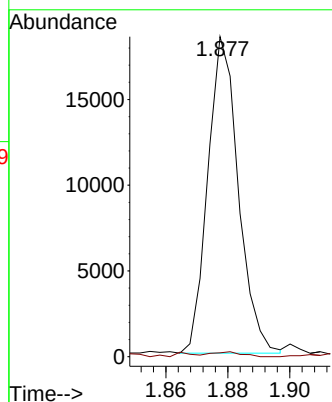
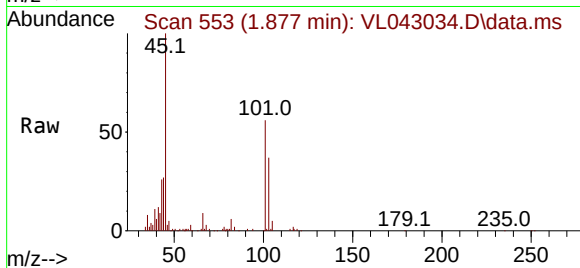




#19
Isopropyl Alcohol
Concen: 1.084 ppbv
RT: 1.877 min Scan# 553
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

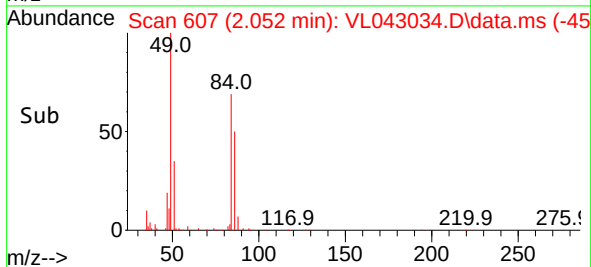
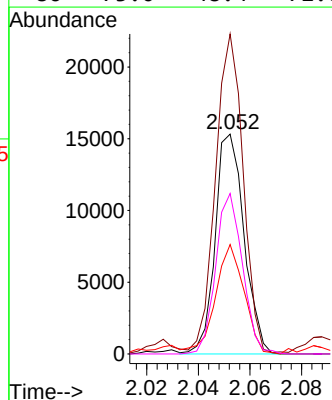
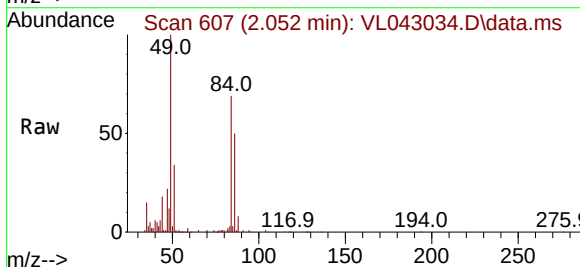
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

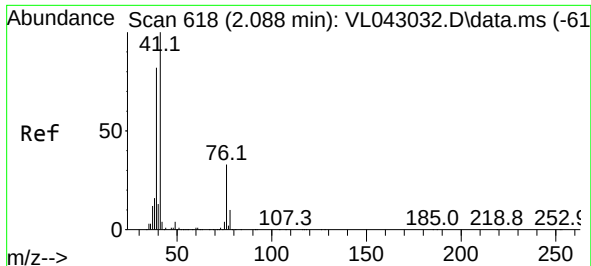
Tgt Ion: 45 Resp: 12661
Ion Ratio Lower Upper
45 100
58 62.9 42.3 63.5



#20
Methylene Chloride
Concen: 1.119 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 84 Resp: 11906
Ion Ratio Lower Upper
84 100
49 144.7 112.5 168.7
51 49.8 34.2 51.2
86 73.0 48.4 72.6#

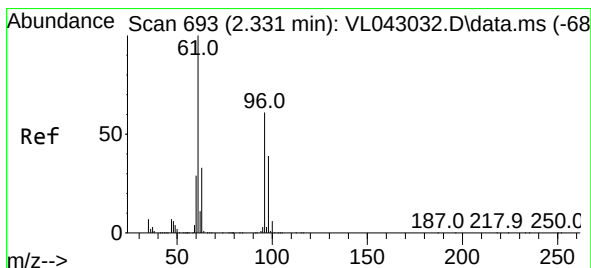
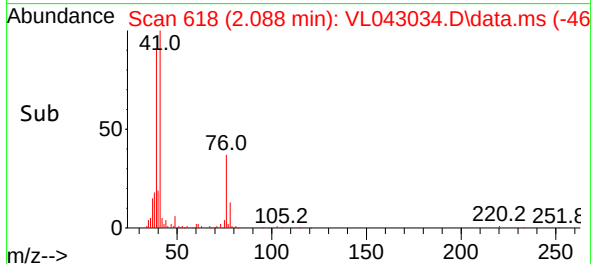
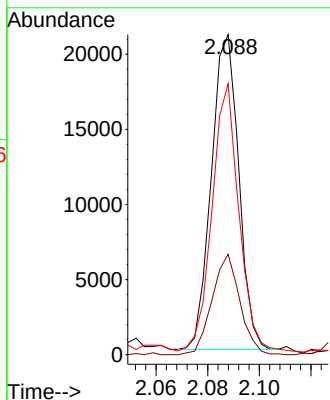
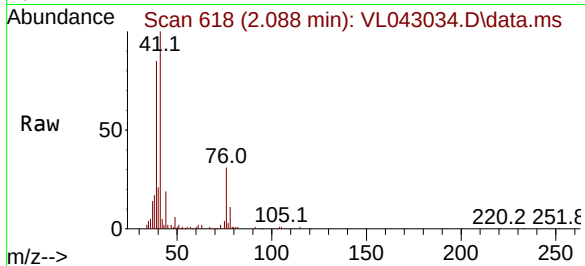




#21
 Allyl Chloride
 Concen: 0.989 ppbv
 RT: 2.088 min Scan# 618
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

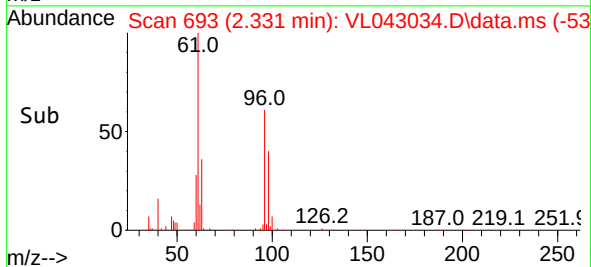
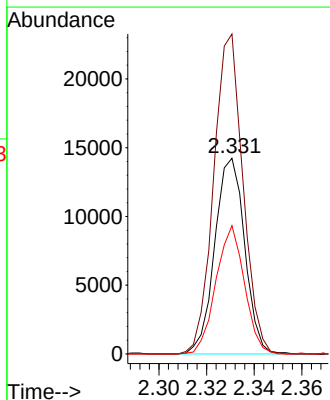
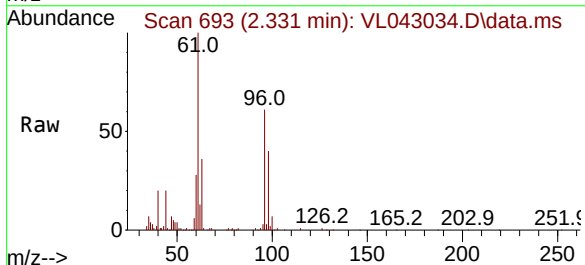
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

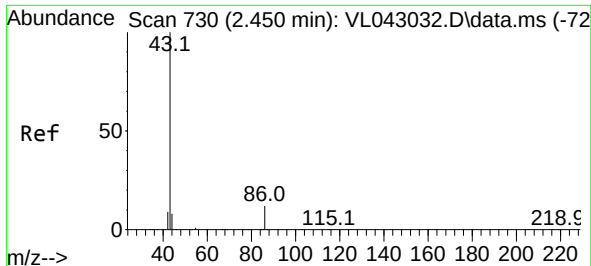
Tgt Ion: 41	Resp: 15455
Ion Ratio	Lower Upper
41	100
76	32.5 25.9 38.9
39	83.1 63.0 94.4



#22
 trans-1,2-Dichloroethene
 Concen: 1.050 ppbv
 RT: 2.331 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion: 96	Resp: 12411
Ion Ratio	Lower Upper
96	100
61	163.5 131.9 197.9
98	65.6 52.1 78.1

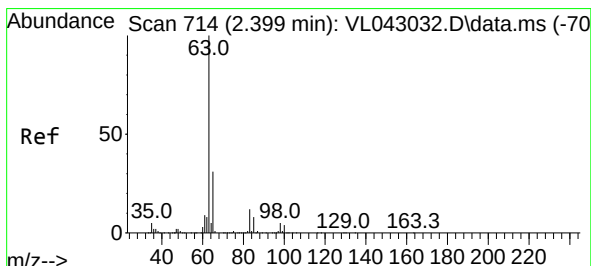
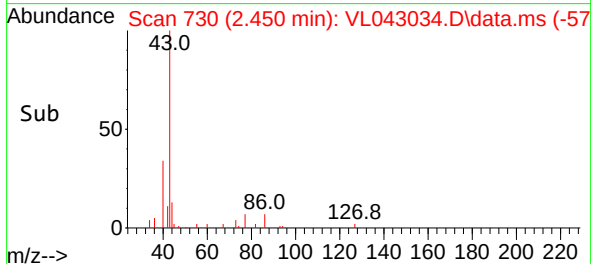
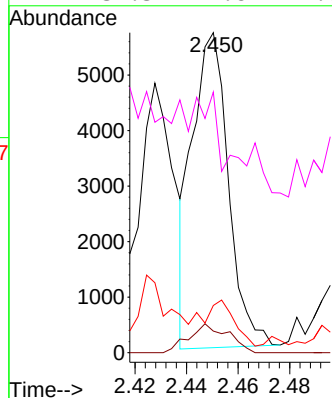
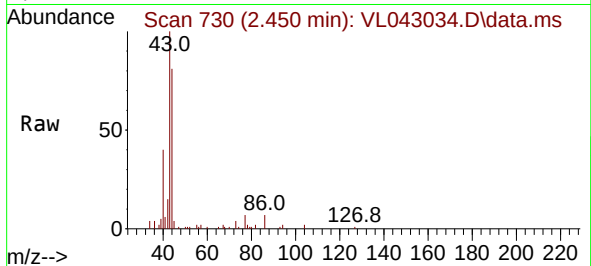




#23
 Vinyl Acetate
 Concen: 1.062 ppbv
 RT: 2.450 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

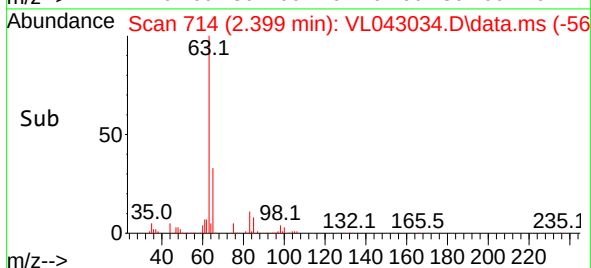
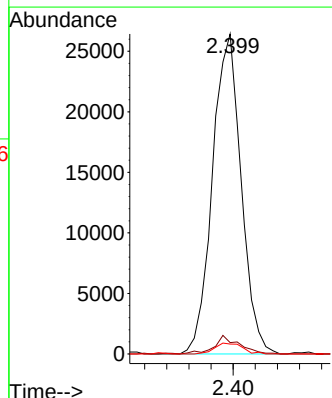
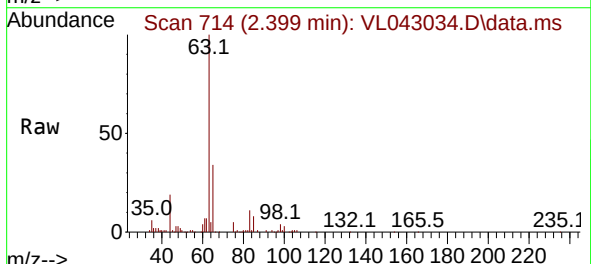
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

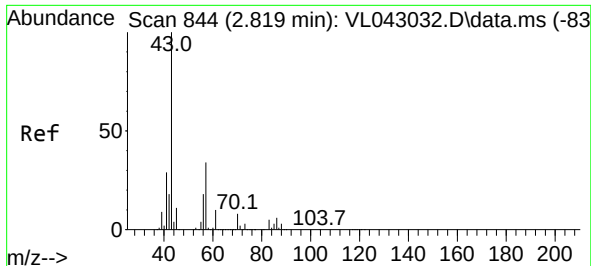
Tgt Ion:	43	Resp:	5498
Ion	Ratio	Lower	Upper
43	100		
86	6.9	7.5	11.3#
42	11.3	8.4	12.6
44	32.3	7.8	11.8#



#24
 1,1-Dichloroethane
 Concen: 1.061 ppbv
 RT: 2.399 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion:	63	Resp:	23773
Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.5	7.4
100	3.1	1.8	5.4



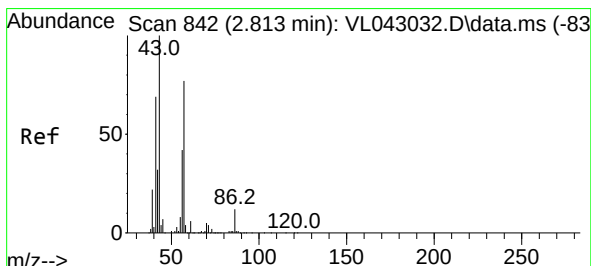
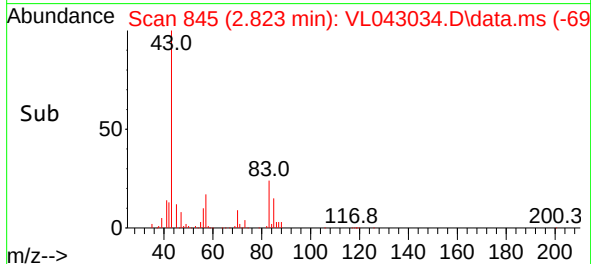
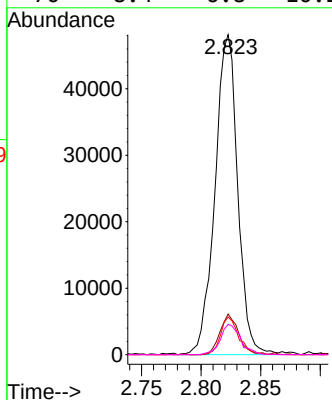
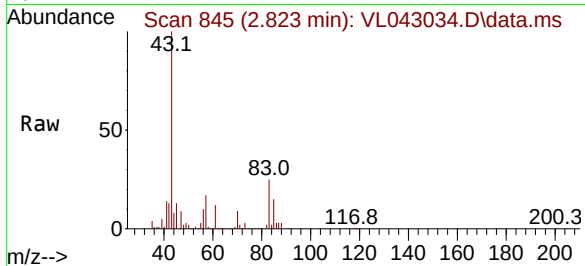


#25
Ethyl Acetate
Concen: 1.043 ppbv
RT: 2.823 min Scan# 844
Delta R.T. 0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 63776

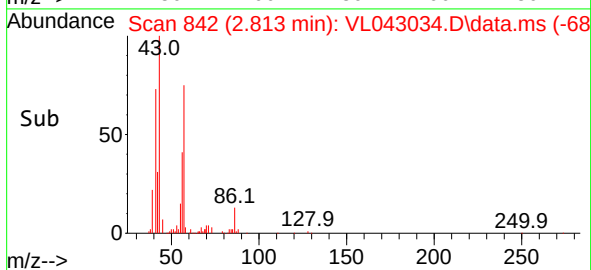
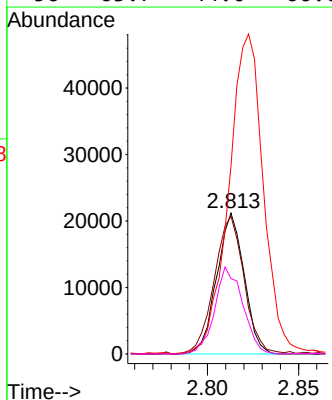
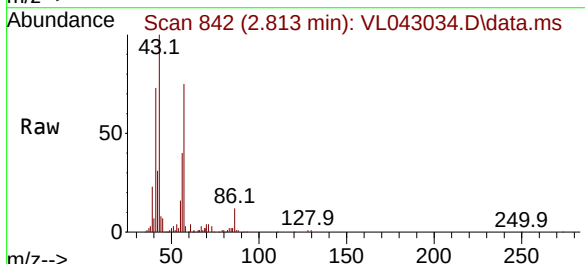
Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.3	12.5
61	9.5	7.5	11.3
70	8.4	6.8	10.2

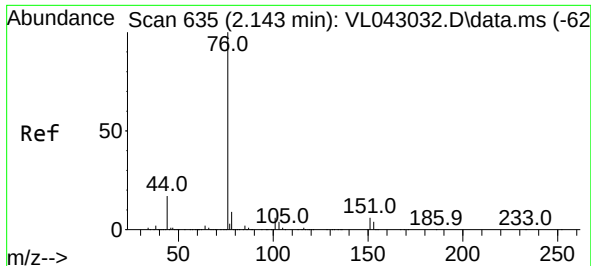


#26
Hexane
Concen: 0.940 ppbv
RT: 2.813 min Scan# 842
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 57 Resp: 22126

Ion	Ratio	Lower	Upper
57	100		
41	107.9	76.1	114.1
43	292.9	201.4	302.0
56	63.7	44.0	66.0

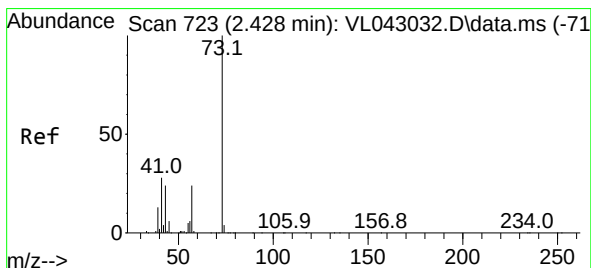
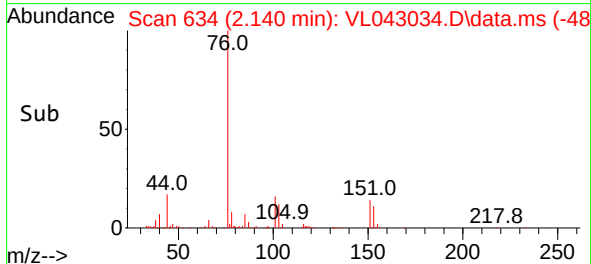
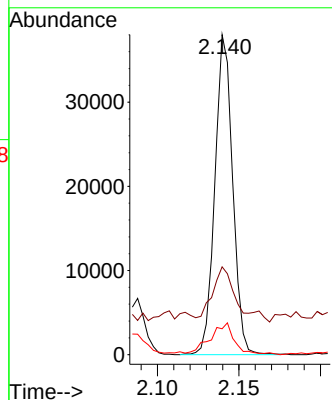
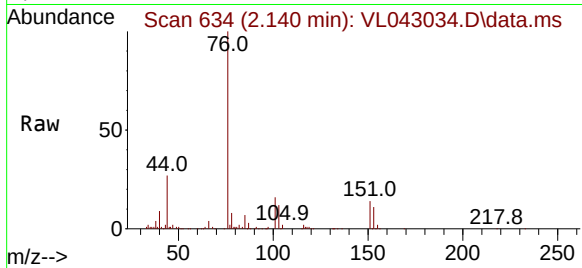




#27
Carbon Disulfide
Concen: 1.037 ppbv
RT: 2.140 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

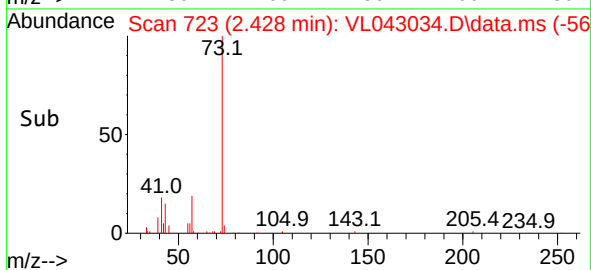
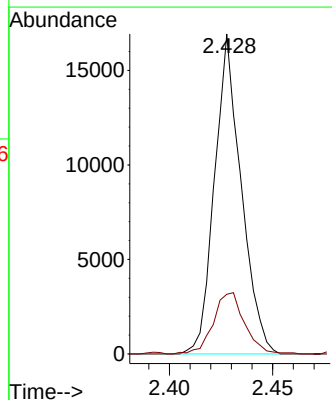
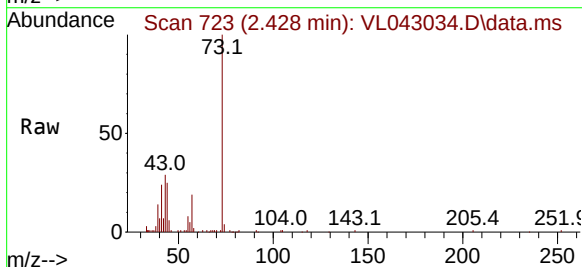
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

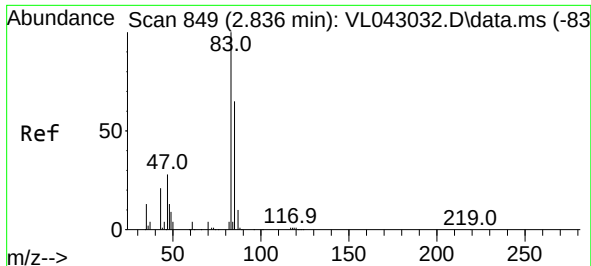
Tgt Ion: 76 Resp: 28818
Ion Ratio Lower Upper
76 100
44 43.8 14.0 21.0#
78 13.2 9.4 14.0



#28
Methyl tert-Butyl Ether
Concen: 1.031 ppbv
RT: 2.428 min Scan# 723
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 73 Resp: 15176
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8





#29

Chloroform

Concen: 1.039 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_L

ClientSampleId :

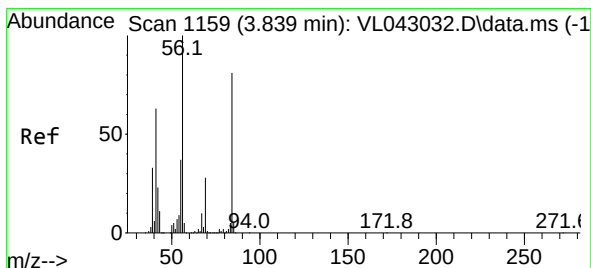
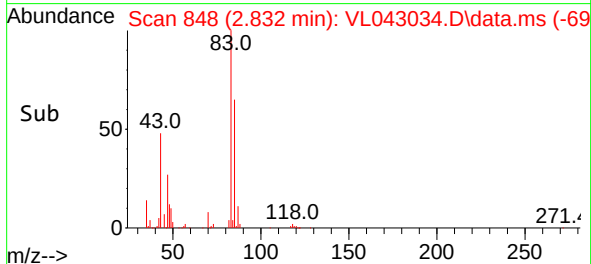
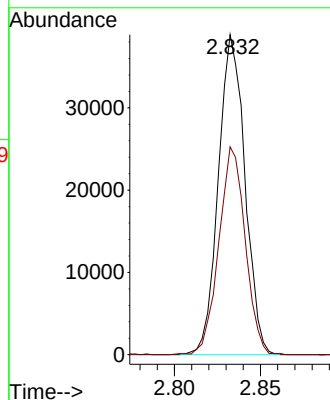
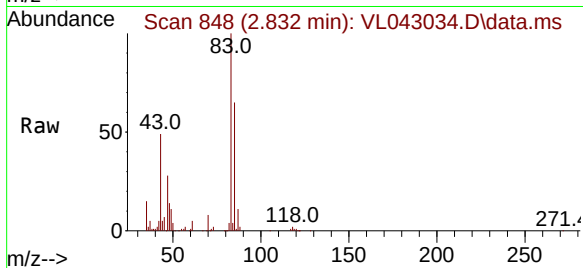
VSTDICC001

Tgt Ion: 83 Resp: 41697

Ion Ratio Lower Upper

83 100

85 64.6 52.0 78.0



#30

Cyclohexane

Concen: 0.962 ppbv

RT: 3.839 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

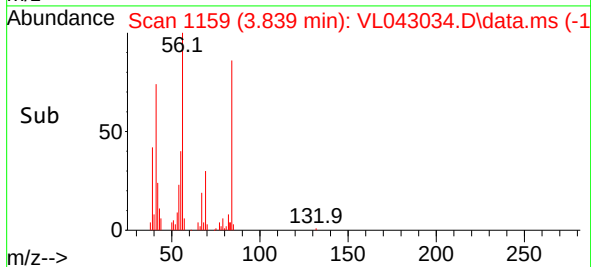
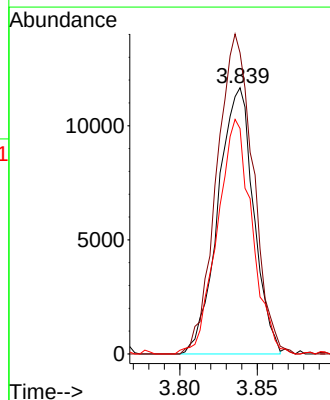
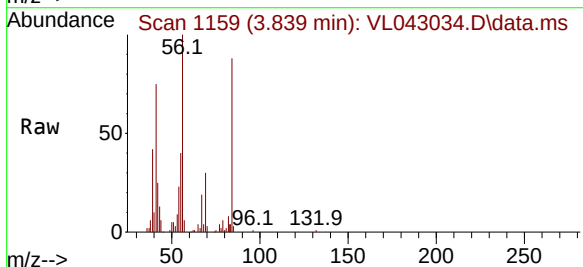
Tgt Ion: 84 Resp: 18605

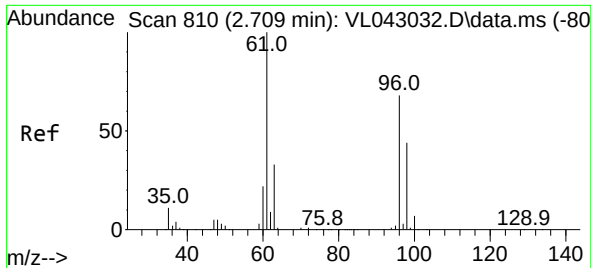
Ion Ratio Lower Upper

84 100

56 123.3 99.9 149.9

41 86.2 64.2 96.4

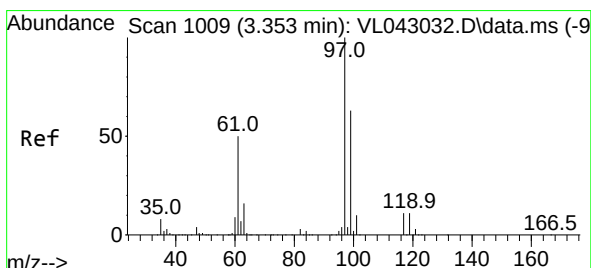
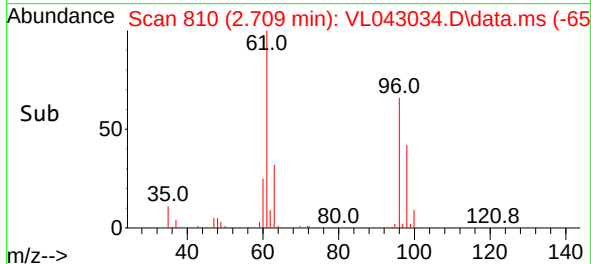
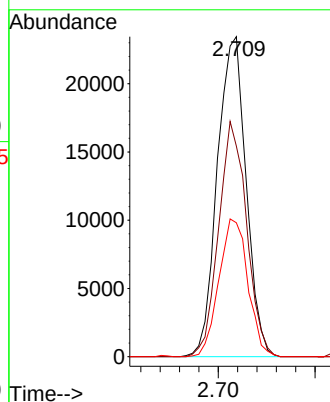
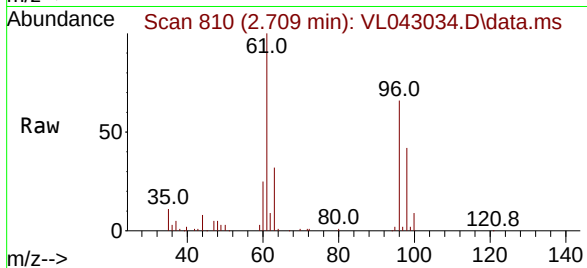




#31
 cis-1,2-Dichloroethene
 Concen: 1.001 ppbv
 RT: 2.709 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

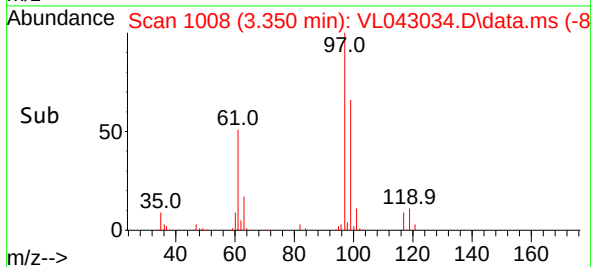
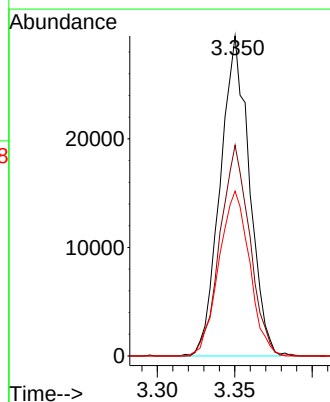
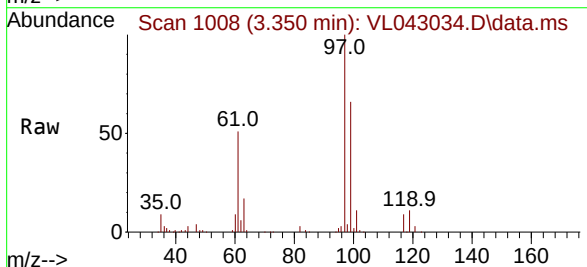
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

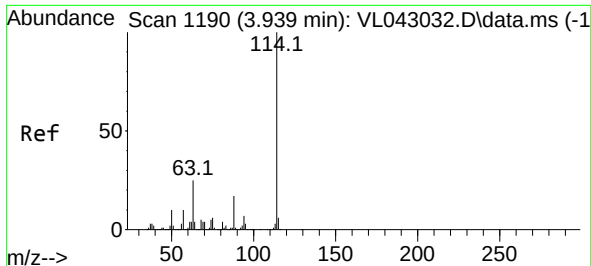
Tgt Ion: 61 Resp: 24206
 Ion Ratio Lower Upper
 61 100
 96 65.8 54.6 82.0
 98 41.8 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 0.990 ppbv
 RT: 3.350 min Scan# 1008
 Delta R.T. -0.003 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion: 97 Resp: 38581
 Ion Ratio Lower Upper
 97 100
 99 67.1 51.2 76.8
 61 54.2 40.1 60.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.936 min Scan# 1190

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

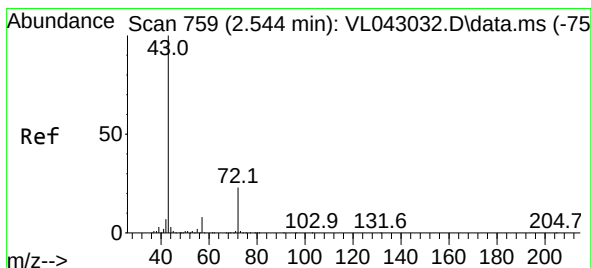
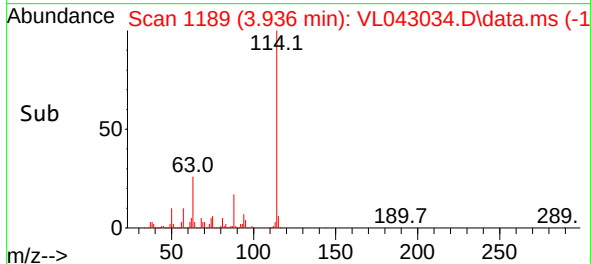
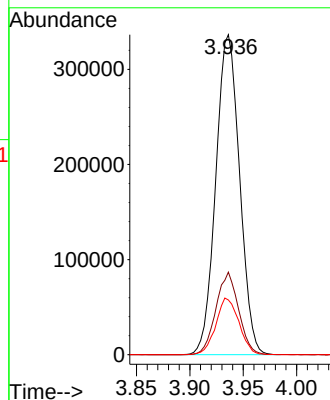
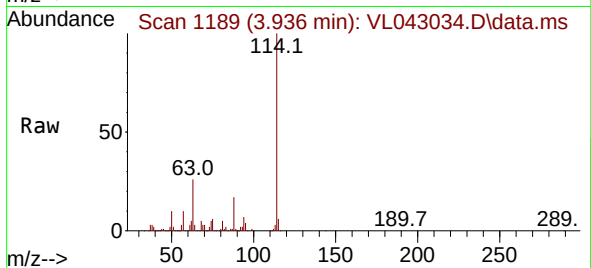
Tgt Ion:114 Resp: 522004

Ion Ratio Lower Upper

114 100

63 24.6 19.4 29.2

88 17.2 13.9 20.9



#34

2-Butanone

Concen: 1.010 ppbv

RT: 2.544 min Scan# 759

Delta R.T. 0.000 min

Lab File: VL043034.D

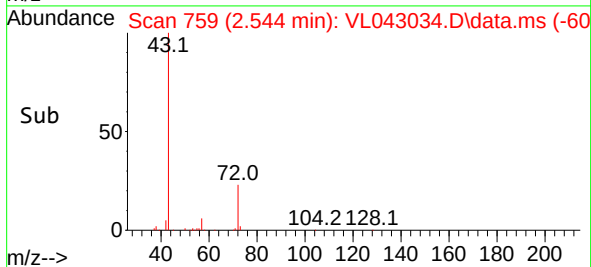
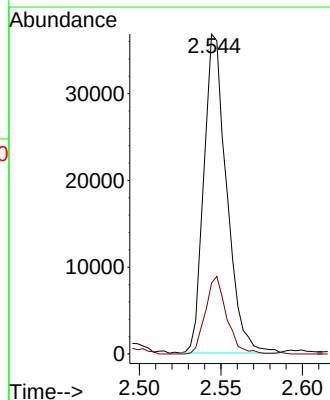
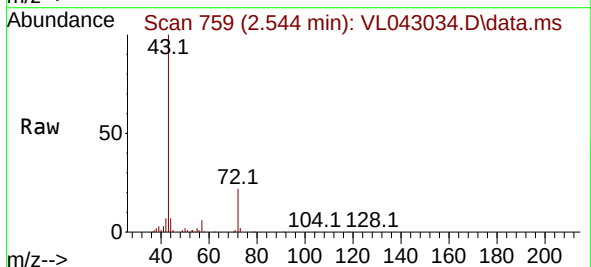
Acq: 02 Oct 2025 11:29

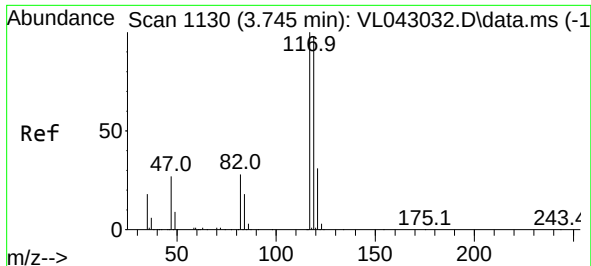
Tgt Ion: 43 Resp: 35775

Ion Ratio Lower Upper

43 100

72 22.8 18.4 27.6

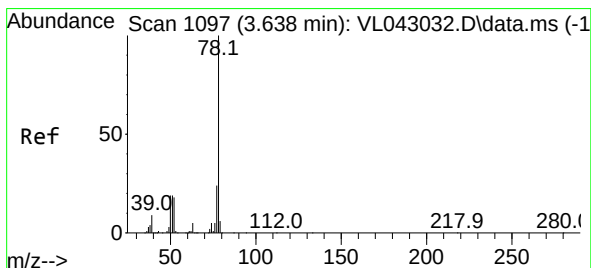
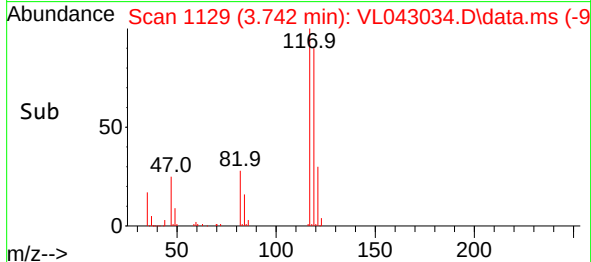
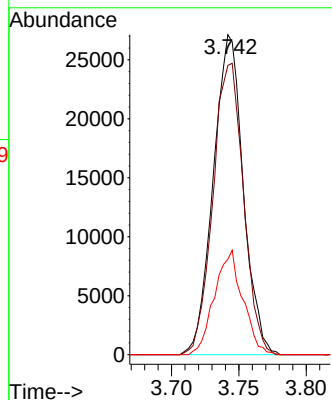
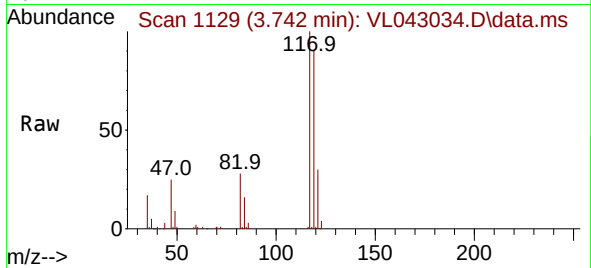




#35
Carbon Tetrachloride
Concen: 0.978 ppbv
RT: 3.742 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

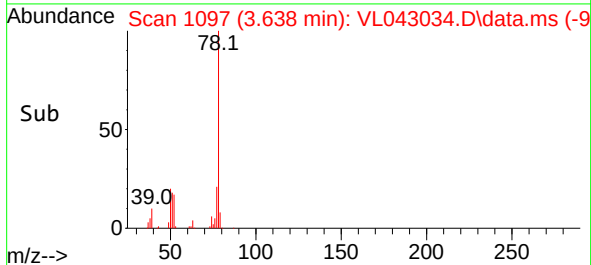
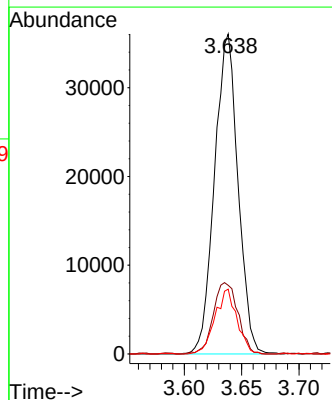
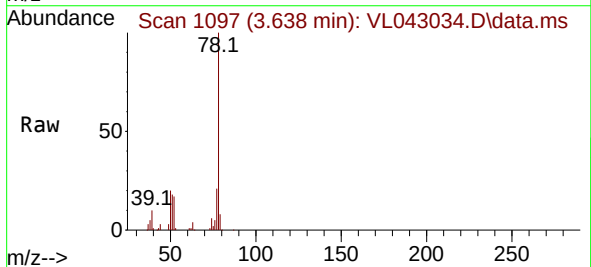
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

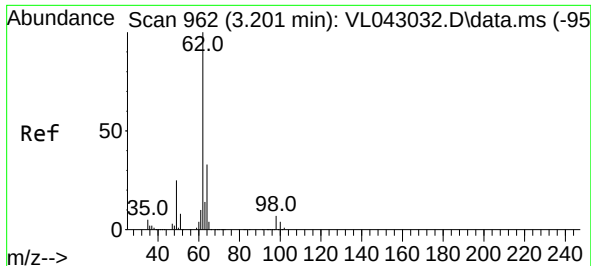
Tgt Ion:117 Resp: 41999
Ion Ratio Lower Upper
117 100
119 90.4 78.2 117.4
121 29.8 24.8 37.2



#36
Benzene
Concen: 1.029 ppbv
RT: 3.638 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 78 Resp: 51343
Ion Ratio Lower Upper
78 100
77 21.4 19.2 28.8
50 20.3 14.9 22.3





#37

1,2-Dichloroethane

Concen: 1.019 ppbv

RT: 3.201 min Scan# 9

Delta R.T. 0.000 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_L

ClientSampleId :

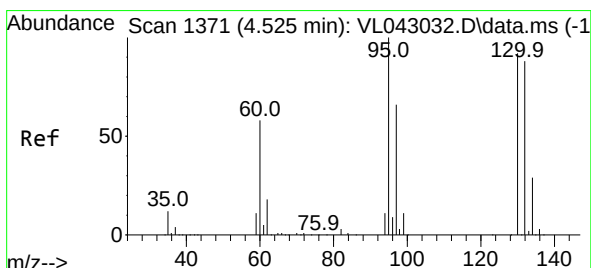
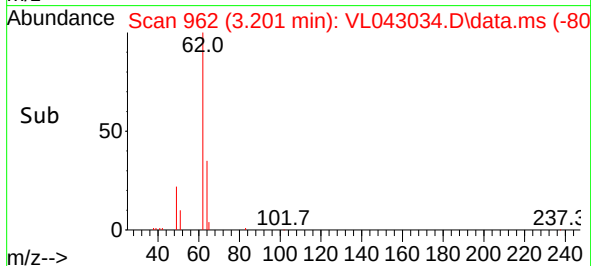
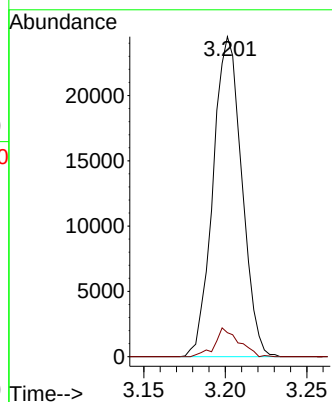
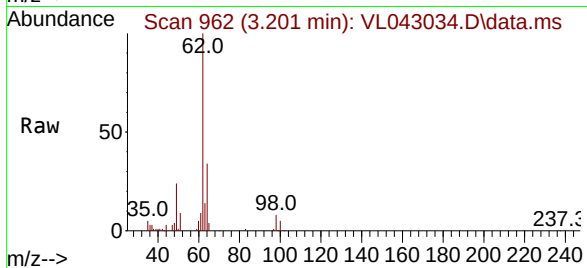
VSTDIC001

Tgt Ion: 62 Resp: 30102

Ion Ratio Lower Upper

62 100

98 7.5 5.6 8.4



#38

Trichloroethene

Concen: 1.065 ppbv

RT: 4.519 min Scan# 1369

Delta R.T. -0.006 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Tgt Ion:130 Resp: 22132

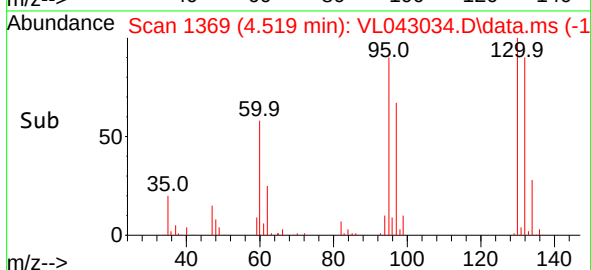
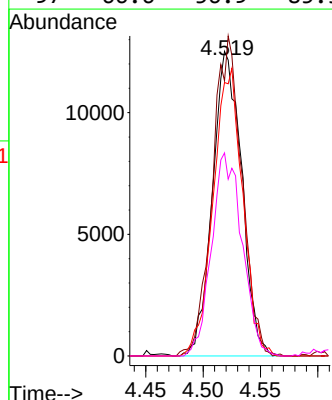
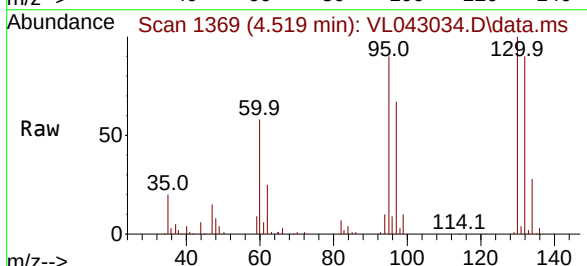
Ion Ratio Lower Upper

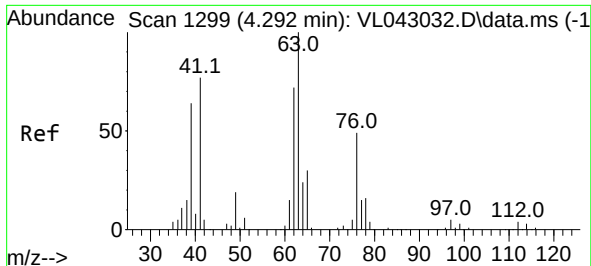
130 100

95 89.6 86.4 129.6

132 89.8 75.7 113.5

97 66.6 56.9 85.3





#39

1,2-Dichloropropane

Concen: 1.023 ppbv

RT: 4.289 min Scan# 1299

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

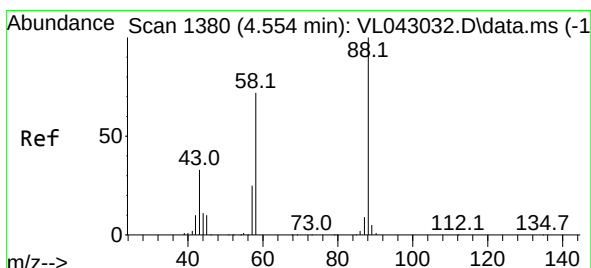
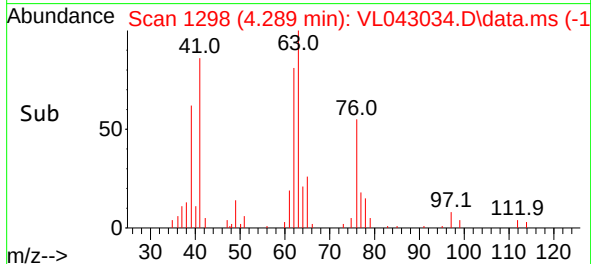
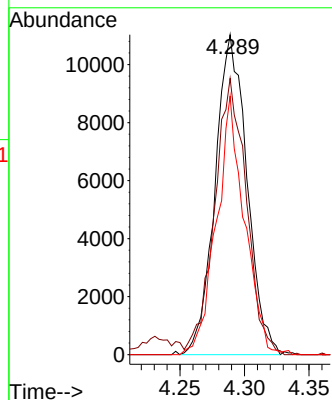
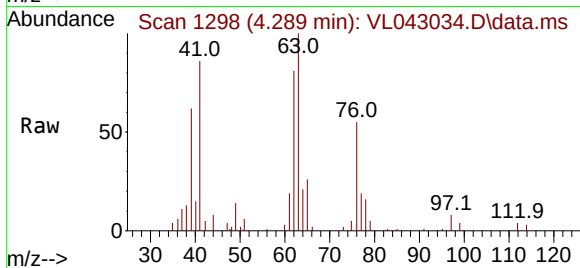
Tgt Ion: 63 Resp: 18915

Ion Ratio Lower Upper

63 100

41 85.1 61.6 92.4

62 80.8 58.1 87.1



#40

1,4-Dioxane

Concen: 0.798 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. 0.010 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Tgt Ion: 88 Resp: 6335

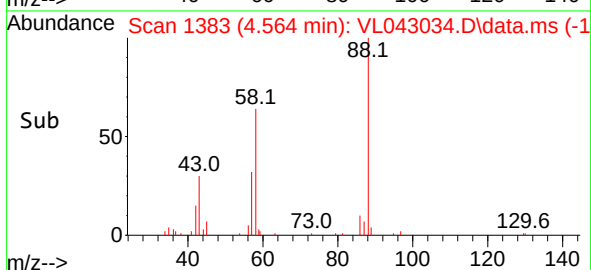
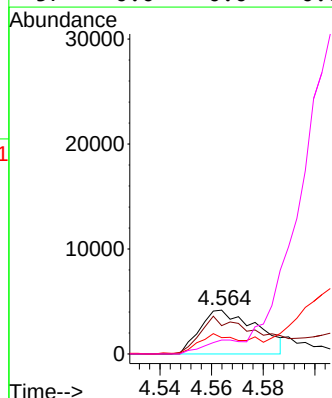
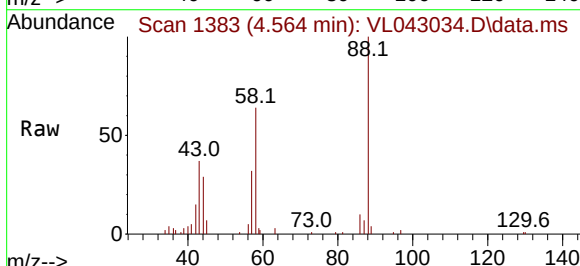
Ion Ratio Lower Upper

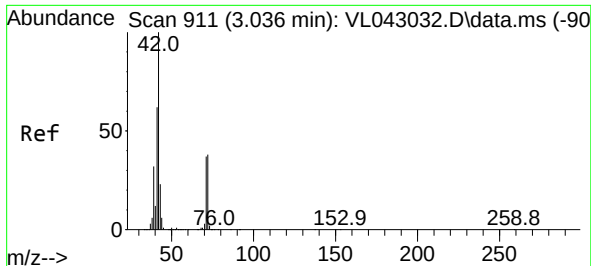
88 100

58 92.3 56.2 84.2#

43 0.0 25.7 38.5#

57 0.0 0.0 0.0

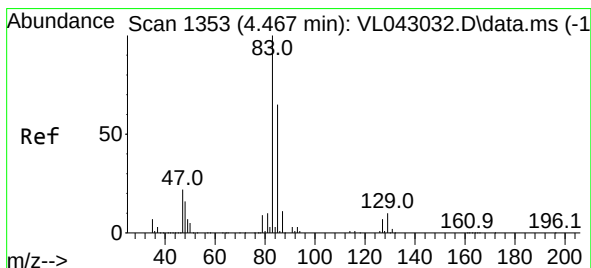
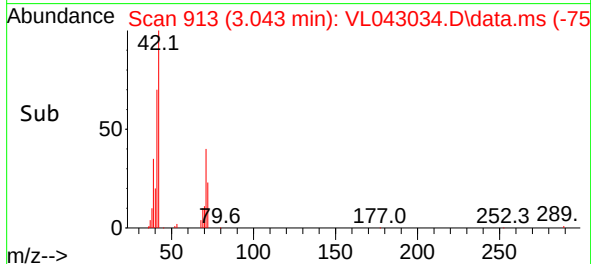
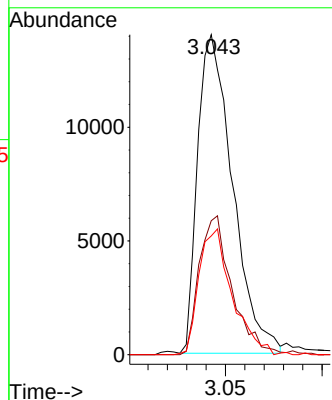
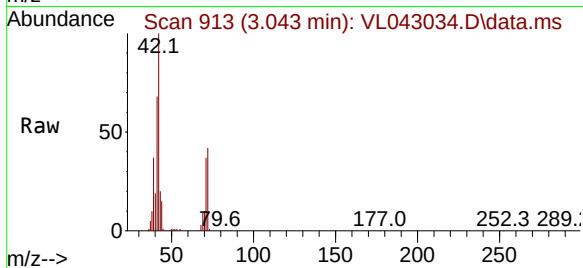




#41
Tetrahydrofuran
Concen: 0.963 ppbv
RT: 3.043 min Scan# 911
Delta R.T. 0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

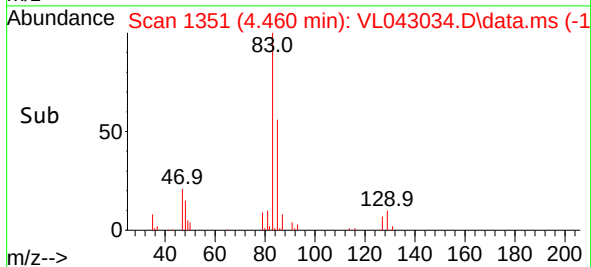
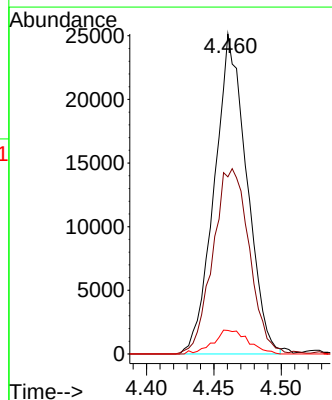
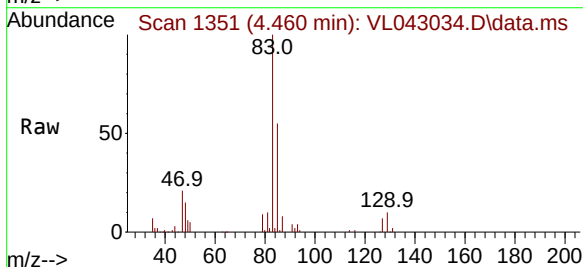
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

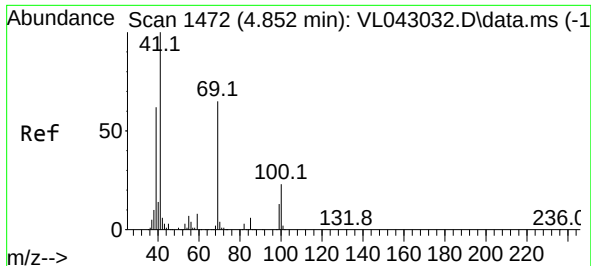
Tgt Ion: 42 Resp: 17630
Ion Ratio Lower Upper
42 100
72 41.0 31.0 46.6
71 37.5 29.8 44.6



#42
Bromodichloromethane
Concen: 1.007 ppbv
RT: 4.460 min Scan# 1351
Delta R.T. -0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 83 Resp: 42012
Ion Ratio Lower Upper
83 100
85 55.0 51.8 77.8
127 7.4 5.9 8.9

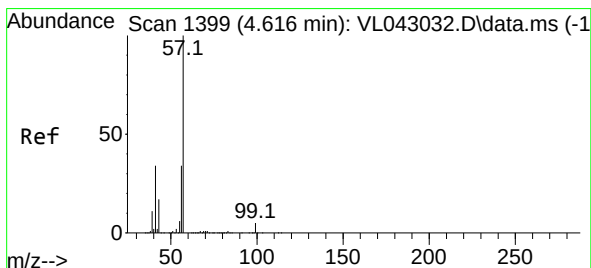
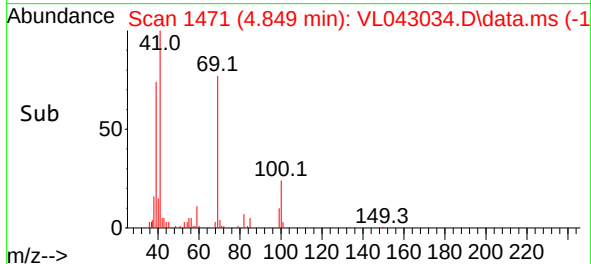
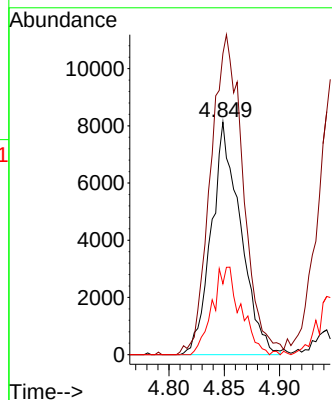
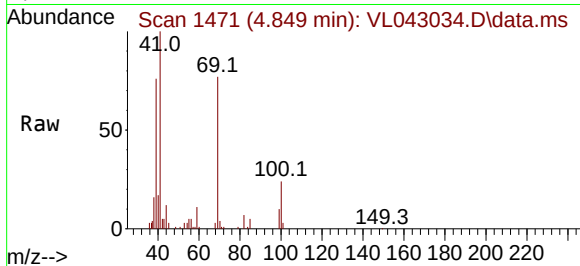




#43
Methyl Methacrylate
Concen: 0.901 ppbv
RT: 4.849 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

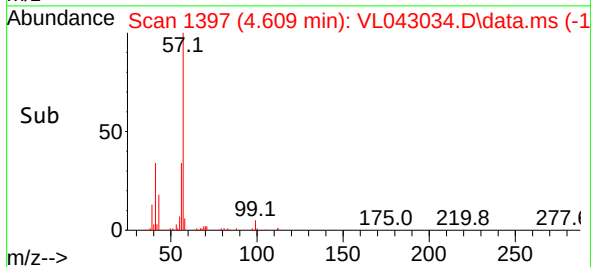
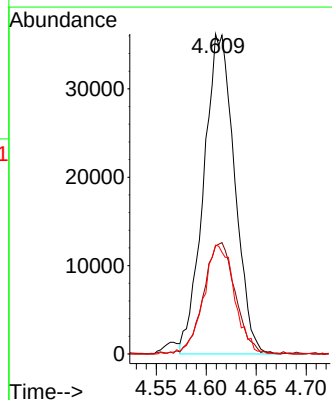
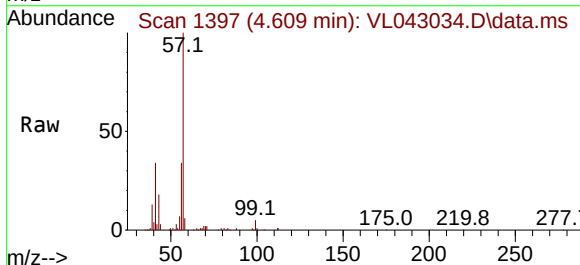
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

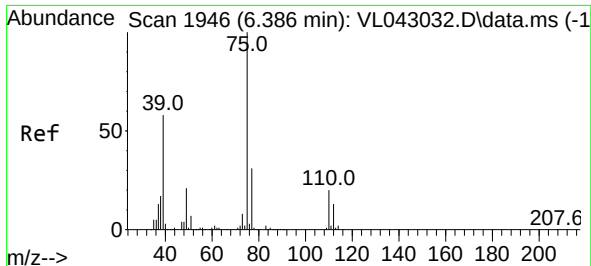
Tgt Ion: 69 Resp: 14911
Ion Ratio Lower Upper
69 100
41 154.7 118.0 177.0
100 36.7 28.3 42.5



#44
2,2,4-Trimethylpentane
Concen: 0.975 ppbv
RT: 4.609 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 57 Resp: 77988
Ion Ratio Lower Upper
57 100
41 36.3 27.0 40.4
56 34.2 26.0 39.0





#45

t-1,3-Dichloropropene

Concen: 0.932 ppbv

RT: 6.380 min Scan# 1946

Delta R.T. -0.006 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_L

ClientSampleId :

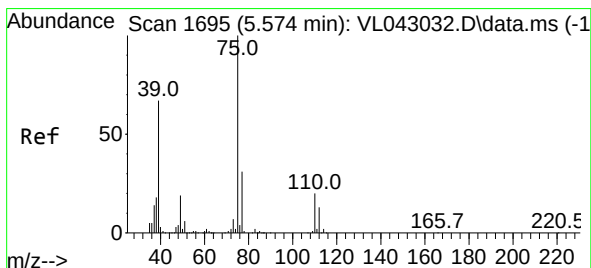
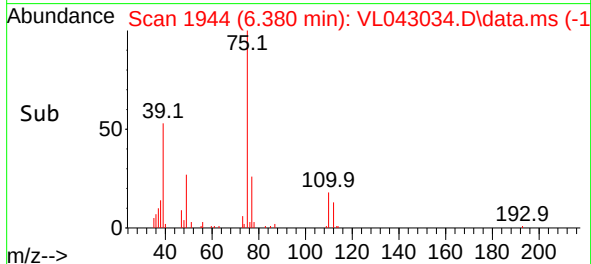
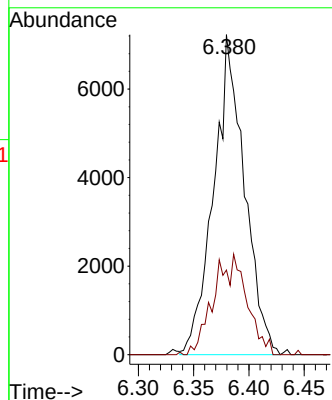
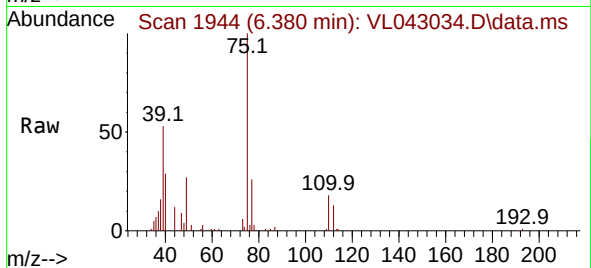
VSTDIC001

Tgt Ion: 75 Resp: 13974

Ion Ratio Lower Upper

75 100

77 26.4 24.7 37.1



#46

cis-1,3-Dichloropropene

Concen: 0.195 ppbv

RT: 5.580 min Scan# 1697

Delta R.T. 0.006 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

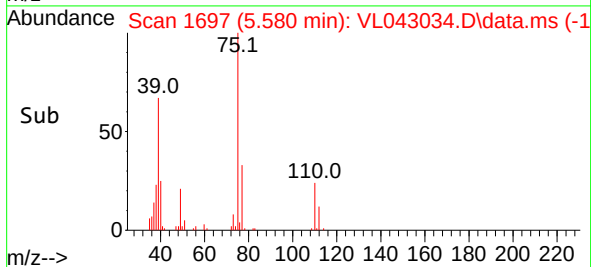
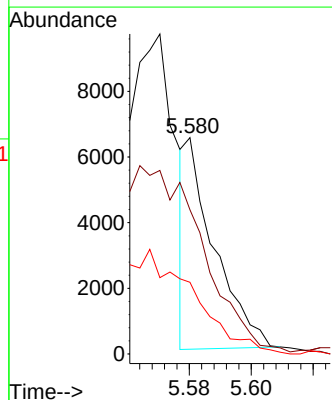
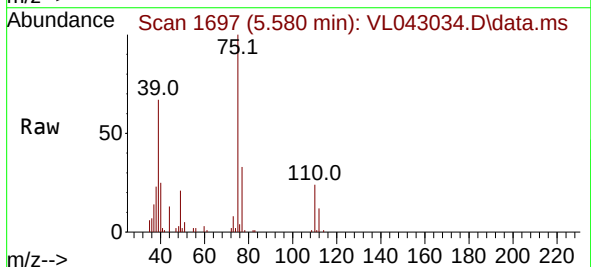
Tgt Ion: 75 Resp: 4148

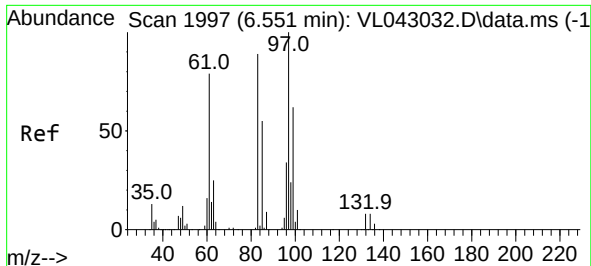
Ion Ratio Lower Upper

75 100

39 66.0 53.4 80.0

77 33.4 25.0 37.4

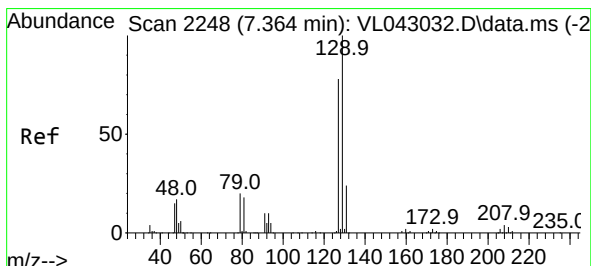
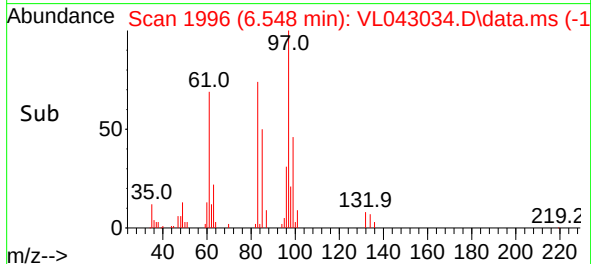
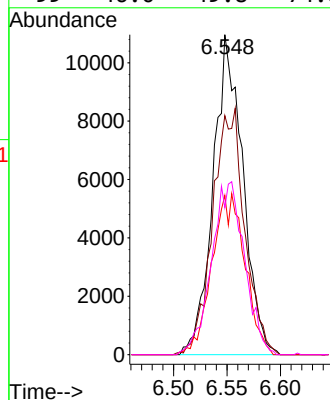
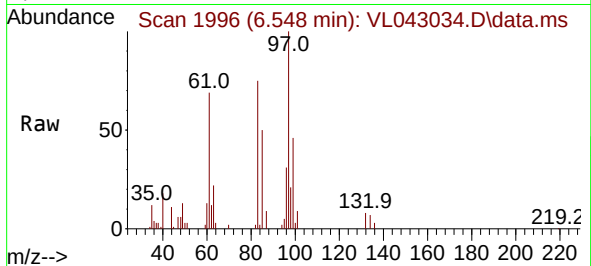




#47
1,1,2-Trichloroethane
Concen: 1.029 ppbv
RT: 6.548 min Scan# 1996
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

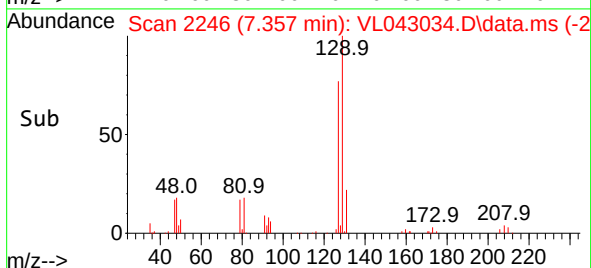
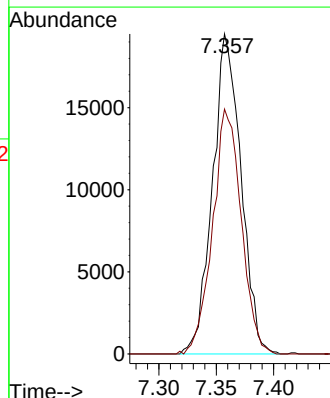
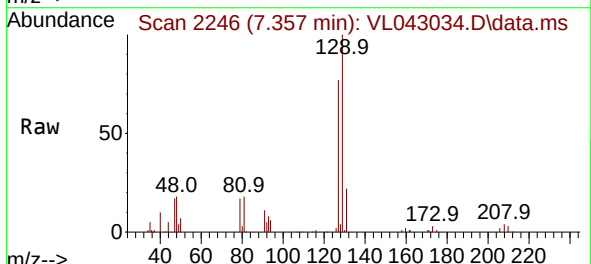
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

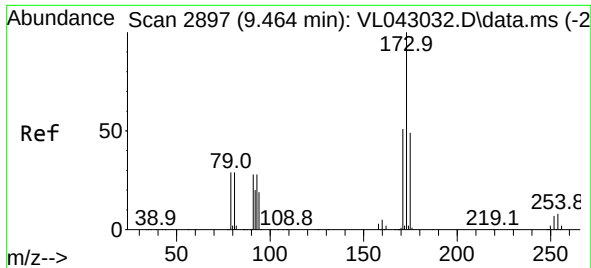
Tgt Ion:	97	Resp:	21164
Ion	Ratio	Lower	Upper
97	100		
83	74.7	71.1	106.7
85	49.7	44.3	66.5
99	46.0	49.8	74.8



#48
Dibromochloromethane
Concen: 1.002 ppbv
RT: 7.357 min Scan# 2246
Delta R.T. -0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:	129	Resp:	33636
Ion	Ratio	Lower	Upper
129	100		
127	76.9	38.6	116.0

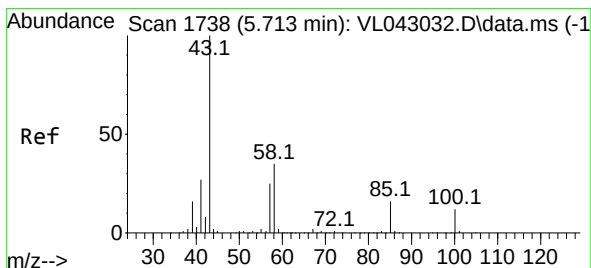
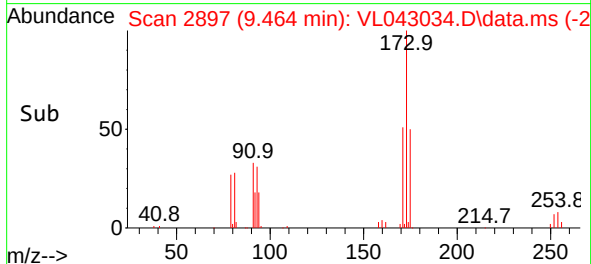
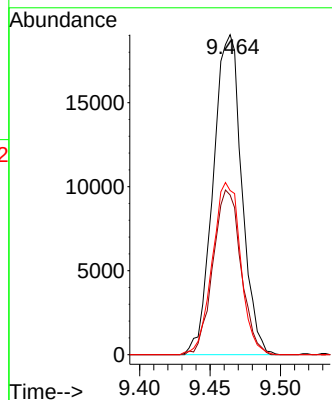
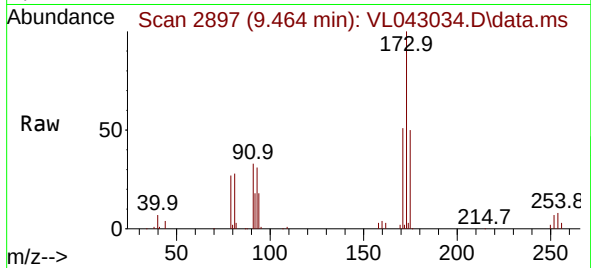




#49
Bromoform
Concen: 0.960 ppbv
RT: 9.464 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

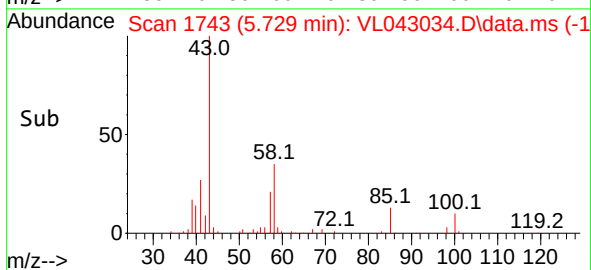
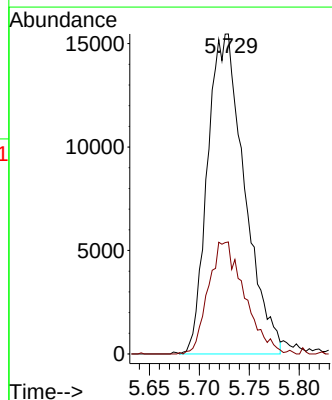
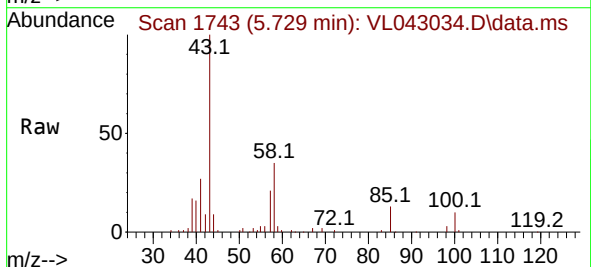
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

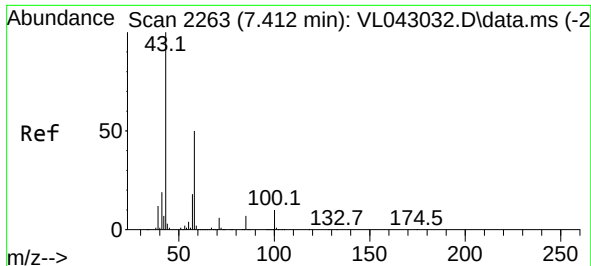
Tgt Ion:173 Resp: 26918
Ion Ratio Lower Upper
173 100
175 50.4 39.1 58.7
171 53.1 41.4 62.2



#50
4-Methyl-2-Pentanone
Concen: 0.922 ppbv
RT: 5.729 min Scan# 1743
Delta R.T. 0.016 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 43 Resp: 39803
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1

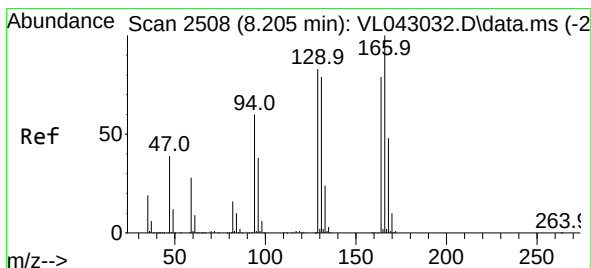
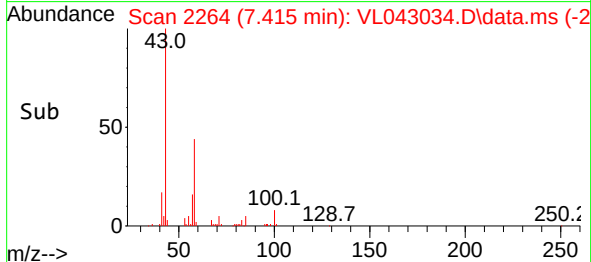
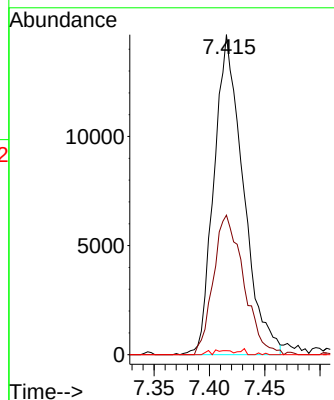
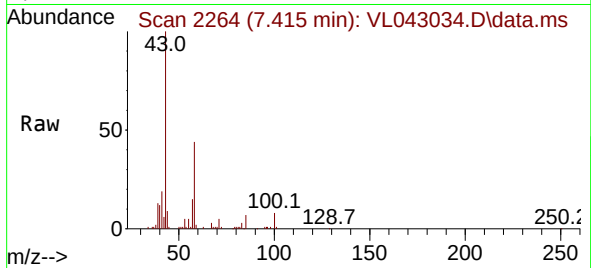




#51
2-Hexanone
Concen: 0.878 ppbv
RT: 7.415 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

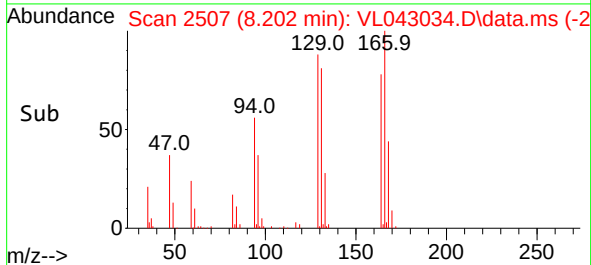
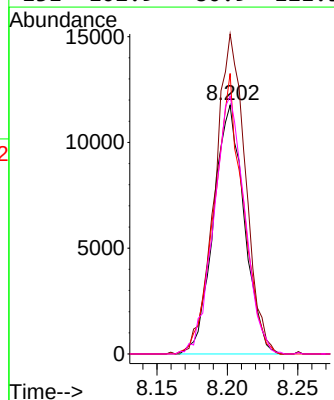
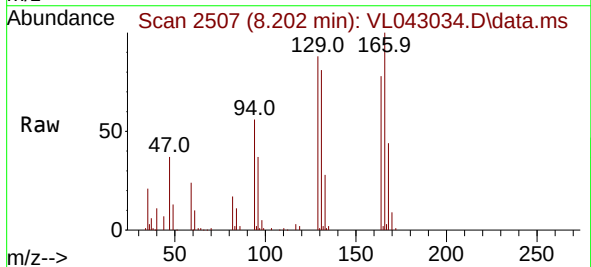
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

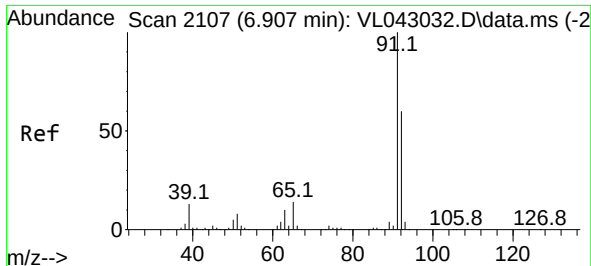
Tgt Ion: 43 Resp: 26904
Ion Ratio Lower Upper
43 100
58 45.4 39.1 58.7
98 1.4 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.964 ppbv
RT: 8.202 min Scan# 2507
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 164 Resp: 17908
Ion Ratio Lower Upper
164 100
166 128.7 101.8 152.8
129 112.8 84.5 126.7
131 102.9 80.9 121.3

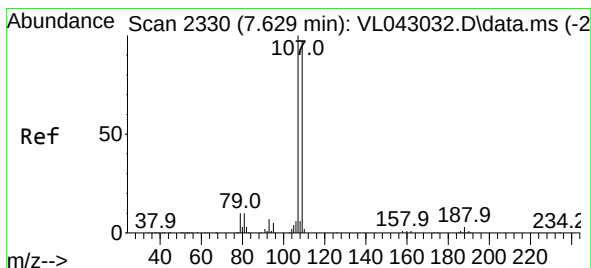
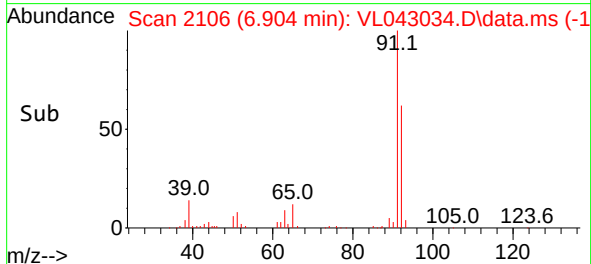
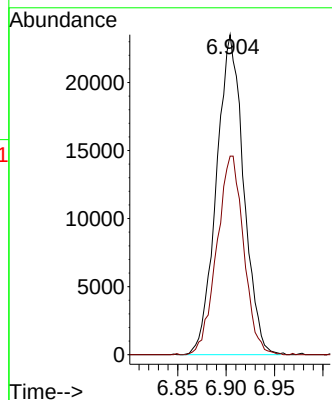
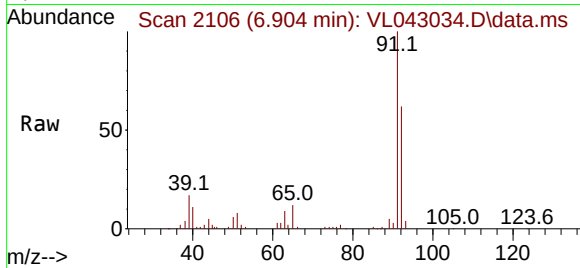




#53
Toluene
Concen: 0.913 ppbv
RT: 6.904 min Scan# 2107
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

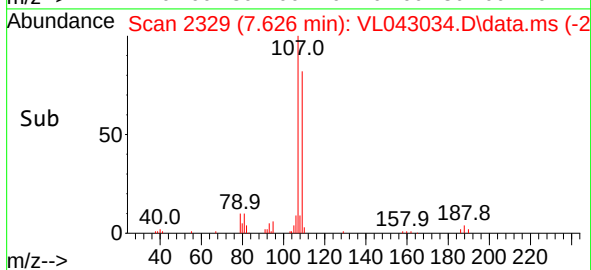
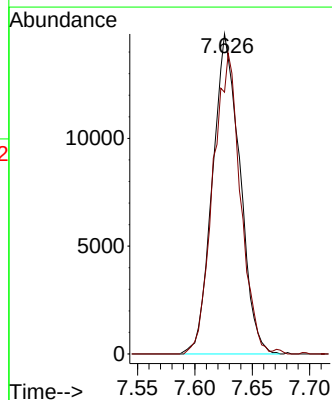
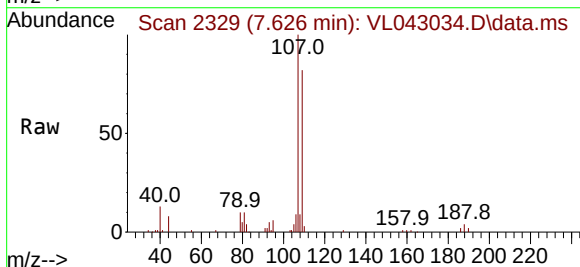
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

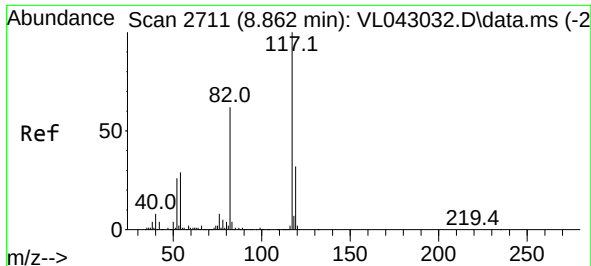
Tgt Ion: 91 Resp: 45974
Ion Ratio Lower Upper
91 100
92 61.4 47.8 71.6



#54
1,2-Dibromoethane
Concen: 1.011 ppbv
RT: 7.626 min Scan# 2329
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 107 Resp: 24648
Ion Ratio Lower Upper
107 100
109 81.8 77.4 116.0

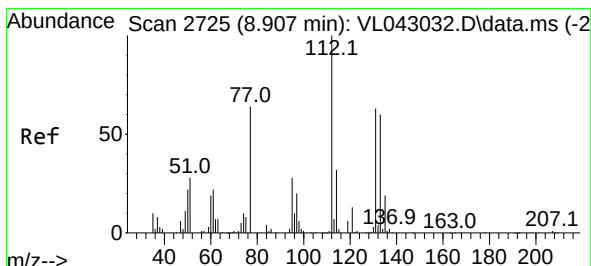
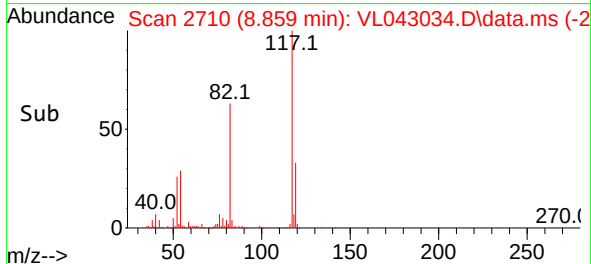
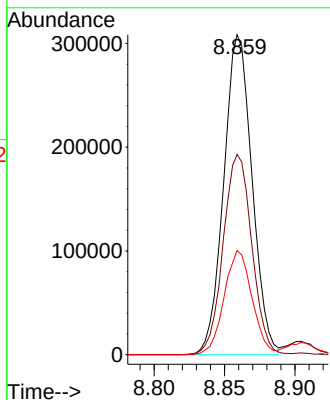
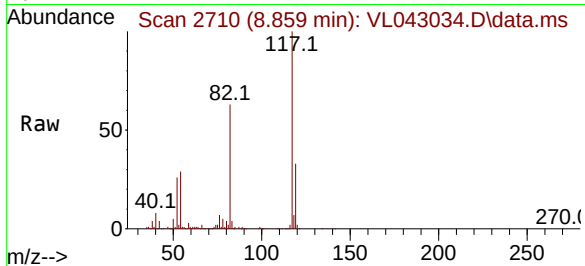




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.859 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

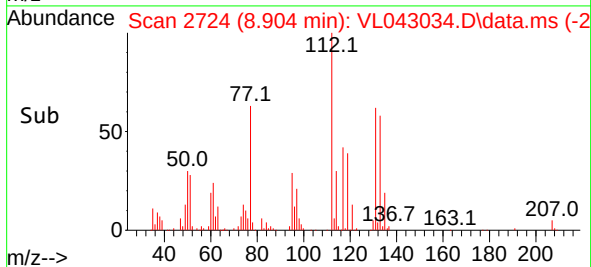
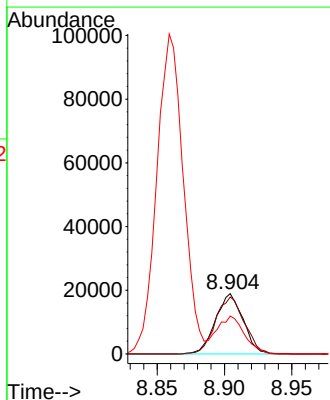
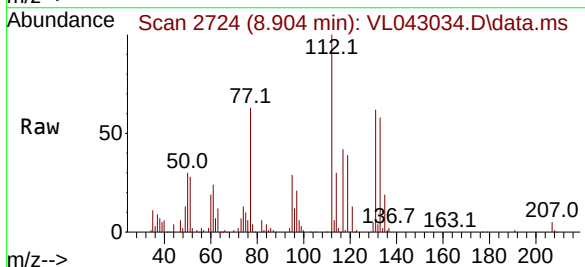
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

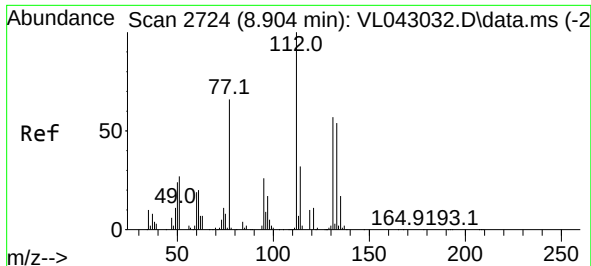
Tgt Ion:117 Resp: 431704
Ion Ratio Lower Upper
117 100
82 63.6 53.0 79.6
119 32.2 25.4 38.2



#56
1,1,1,2-Tetrachloroethane
Concen: 1.022 ppbv
RT: 8.904 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:131 Resp: 26884
Ion Ratio Lower Upper
131 100
133 99.8 76.2 114.4
119 56.5 49.4 74.2

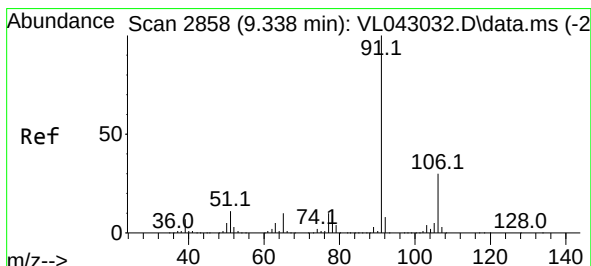
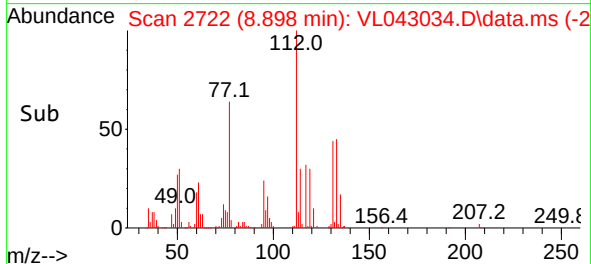
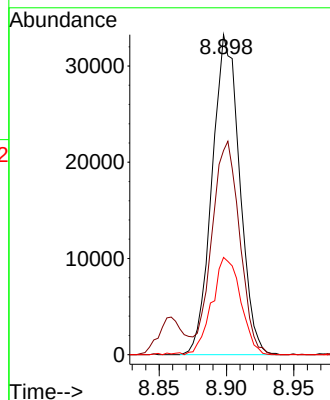
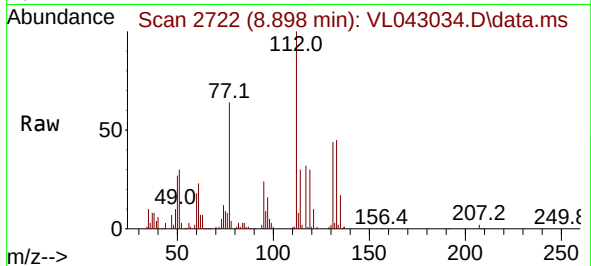




#57
Chlorobenzene
Concen: 1.036 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

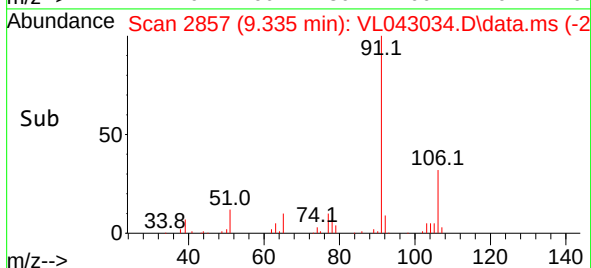
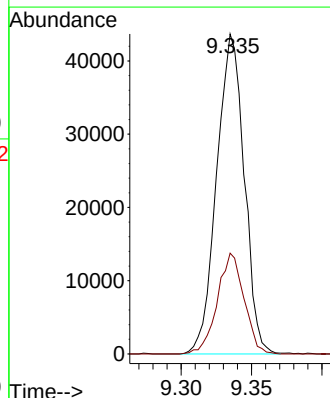
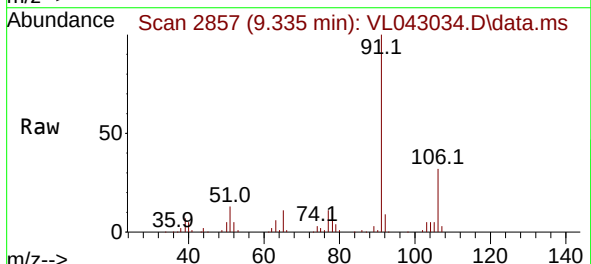
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

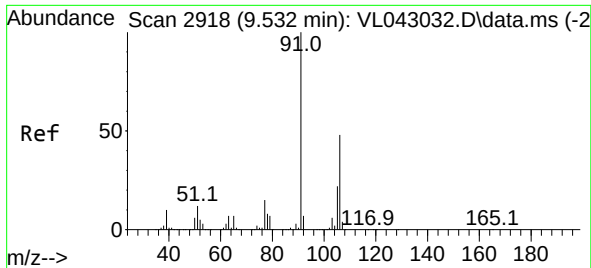
Tgt Ion:112 Resp: 47296
Ion Ratio Lower Upper
112 100
77 63.8 53.2 79.8
114 30.4 28.6 35.0



#58
Ethyl Benzene
Concen: 0.890 ppbv
RT: 9.335 min Scan# 2857
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 91 Resp: 59544
Ion Ratio Lower Upper
91 100
106 31.5 24.1 36.1

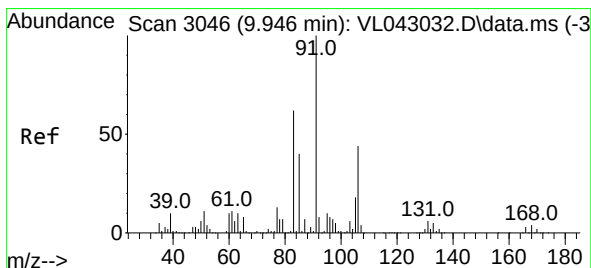
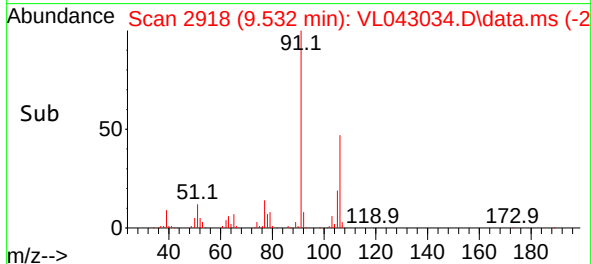
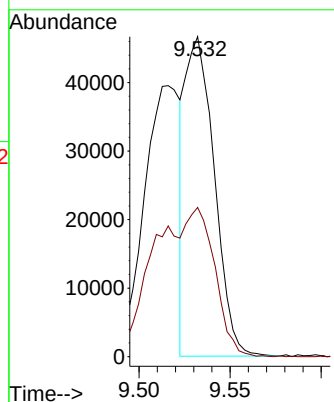
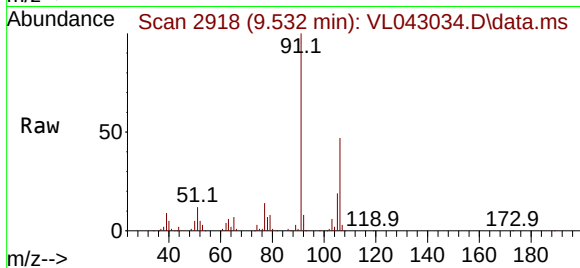




#59
m/p-Xylene
Concen: 0.915 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

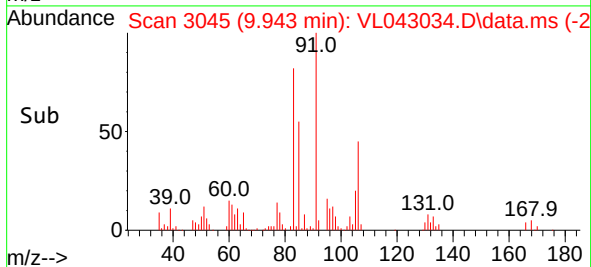
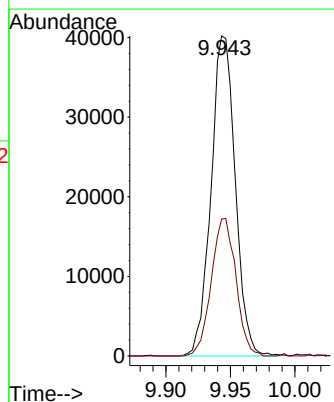
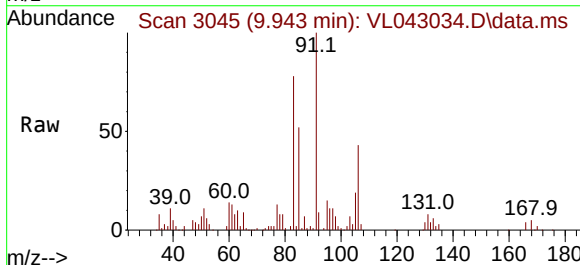
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

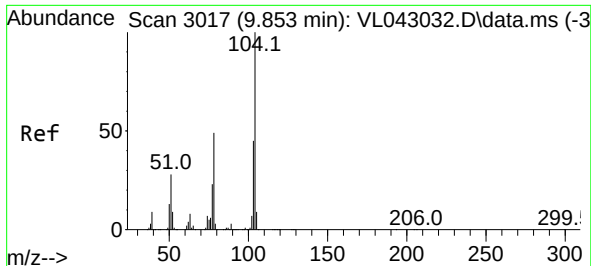
Tgt Ion: 91 Resp: 51624
Ion Ratio Lower Upper
91 100
106 98.4 37.5 56.3#



#60
o-Xylene
Concen: 0.934 ppbv
RT: 9.943 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 91 Resp: 52489
Ion Ratio Lower Upper
91 100
106 43.6 21.9 65.5

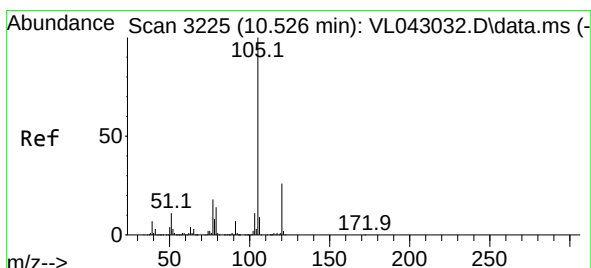
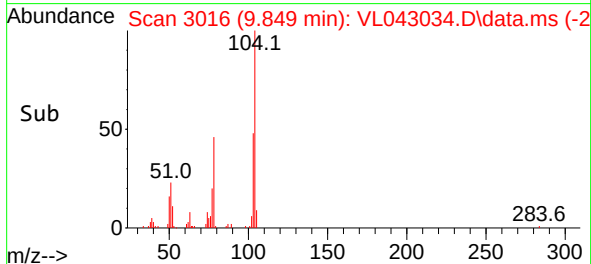
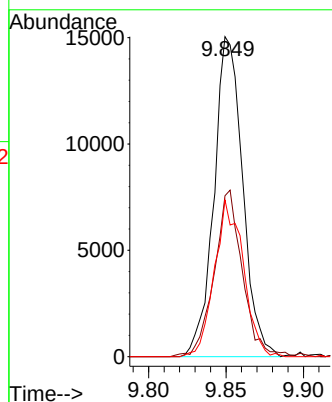
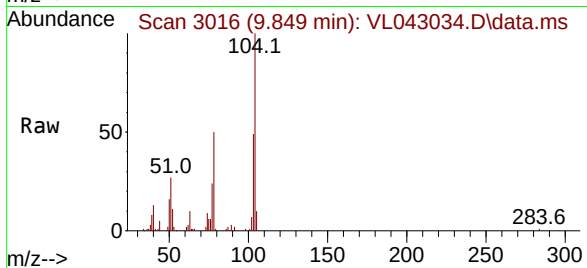




#61
Styrene
Concen: 0.823 ppbv
RT: 9.849 min Scan# 3017
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

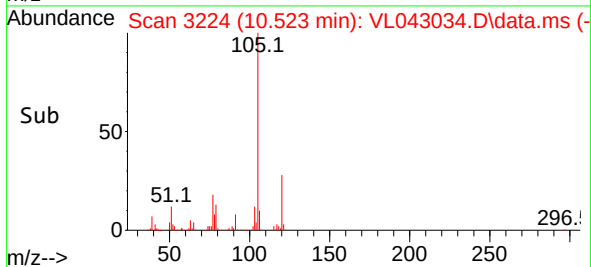
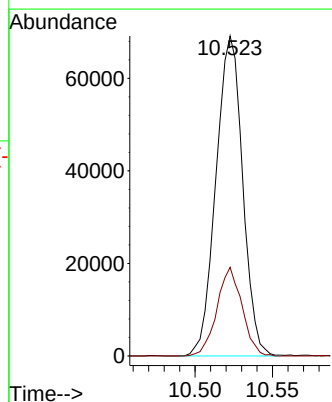
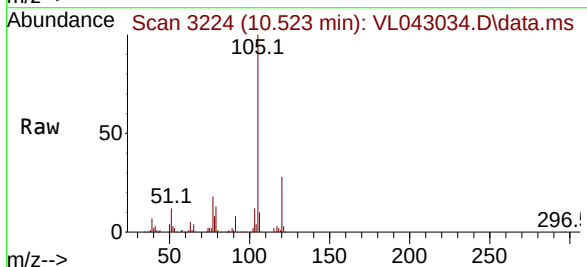
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

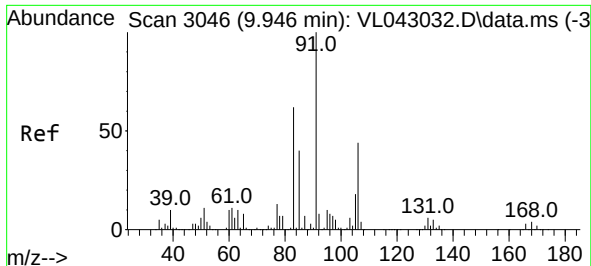
Tgt Ion:104 Resp: 19376
Ion Ratio Lower Upper
104 100
78 51.3 39.7 59.5
103 49.2 37.6 56.4



#62
Isopropylbenzene
Concen: 0.960 ppbv
RT: 10.523 min Scan# 3224
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:105 Resp: 82825
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0





#63

1,1,2,2-Tetrachloroethane

Concen: 1.012 ppbv

RT: 9.943 min Scan# 3046

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

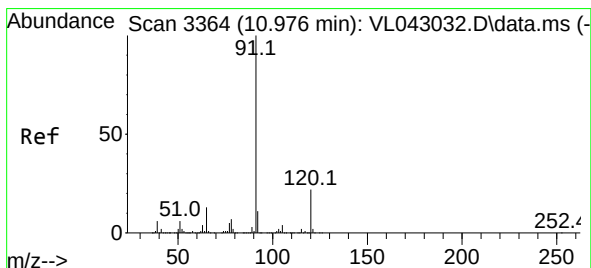
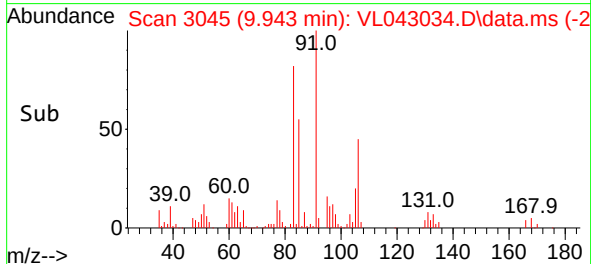
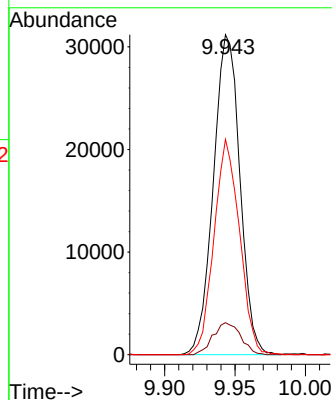
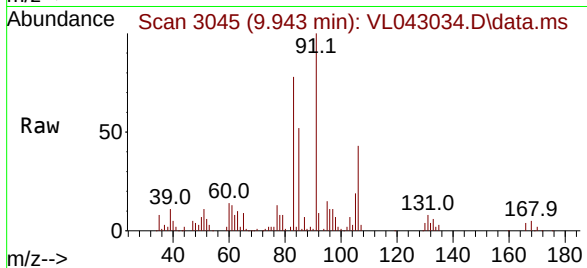
Tgt Ion: 83 Resp: 40981

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

85 64.6 32.0 96.2



#64

n-propylbenzene

Concen: 0.960 ppbv

RT: 10.972 min Scan# 3363

Delta R.T. -0.003 min

Lab File: VL043034.D

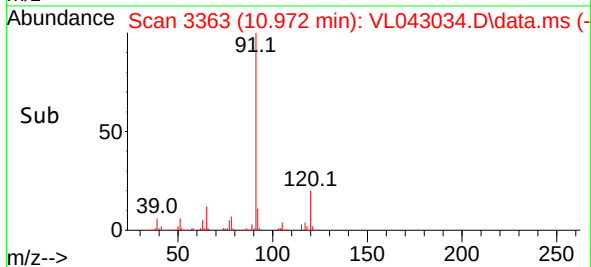
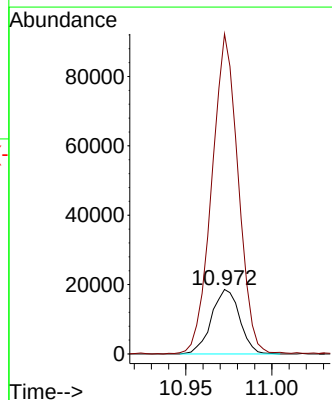
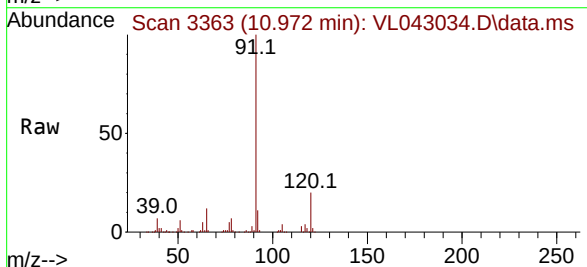
Acq: 02 Oct 2025 11:29

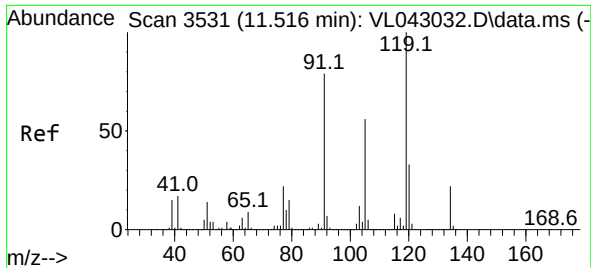
Tgt Ion: 120 Resp: 21190

Ion Ratio Lower Upper

120 100

91 468.1 367.0 550.4

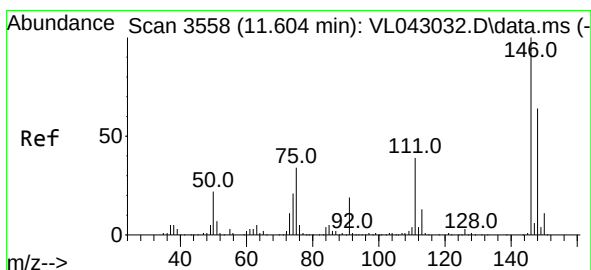
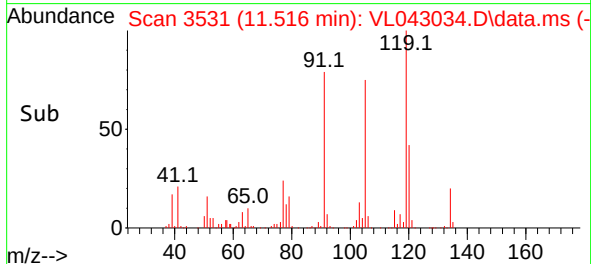
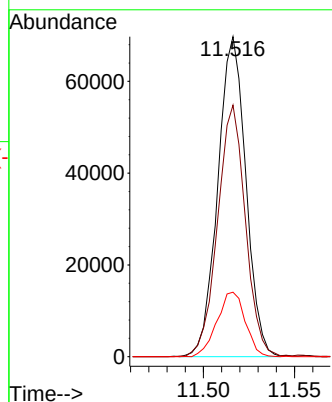
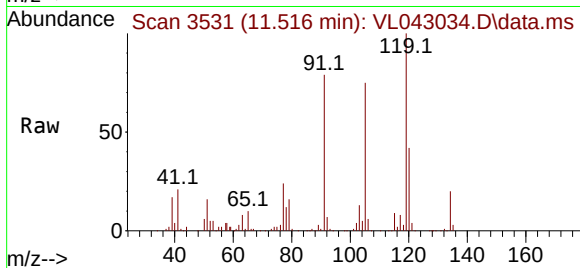




#65
tert-Butylbenzene
Concen: 0.973 ppbv
RT: 11.516 min Scan# 3531
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

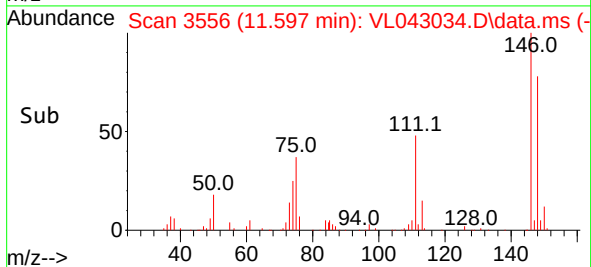
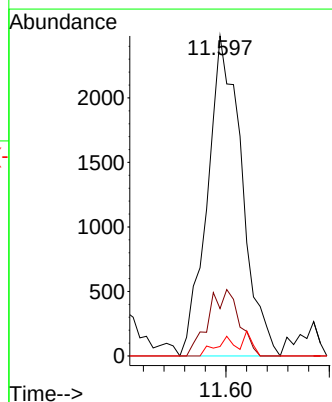
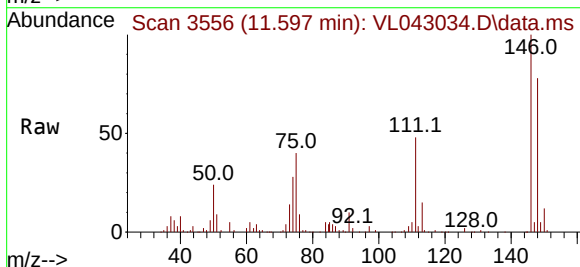
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

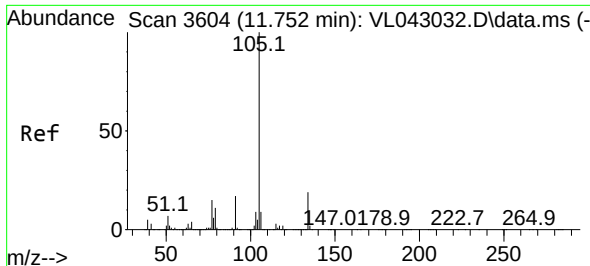
Tgt Ion:	119	Resp:	74677
Ion	Ratio	Lower	Upper
119	100		
91	78.2	63.1	94.7
134	20.3	16.9	25.3



#66
Benzyl Chloride
Concen: 0.963 ppbv
RT: 11.597 min Scan# 3556
Delta R.T. -0.006 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:	91	Resp:	2866
Ion	Ratio	Lower	Upper
91	100		
126	18.7	14.2	21.4
128	5.3	4.8	7.2

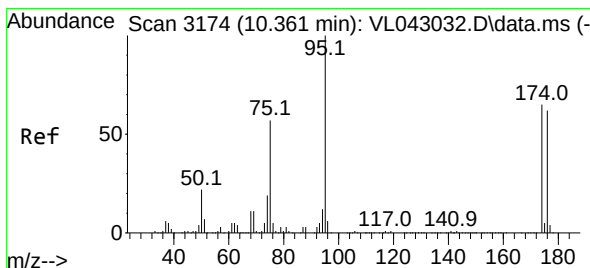
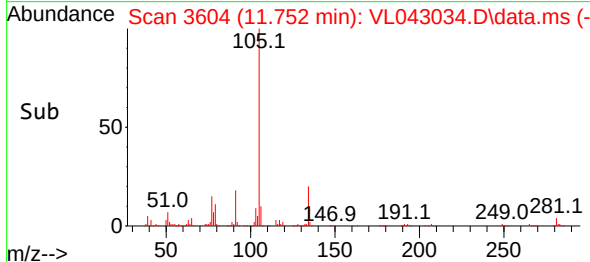
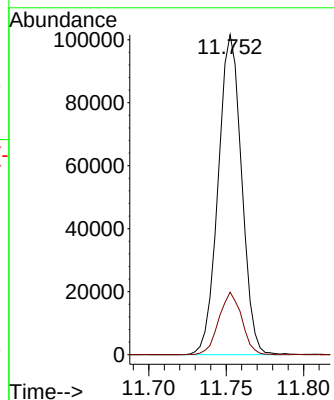
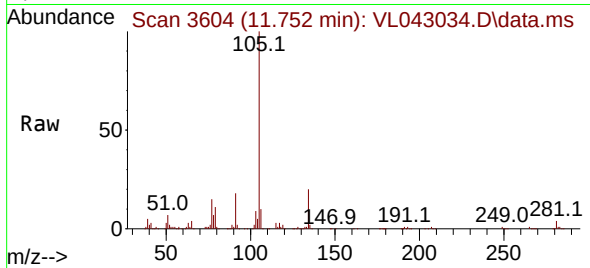




#67
 sec-Butylbenzene
 Concen: 0.998 ppbv
 RT: 11.752 min Scan# 3173
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

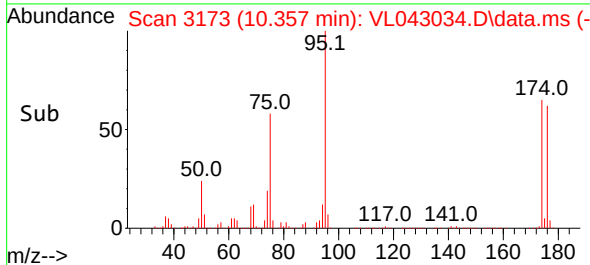
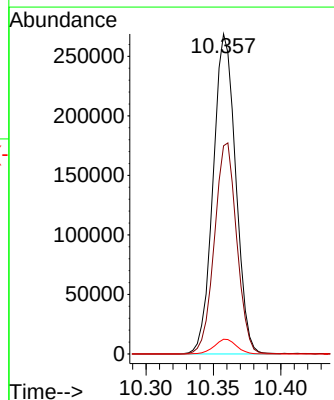
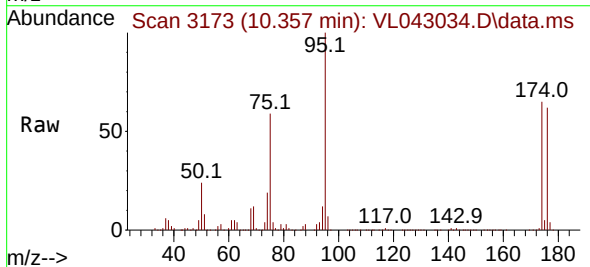
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

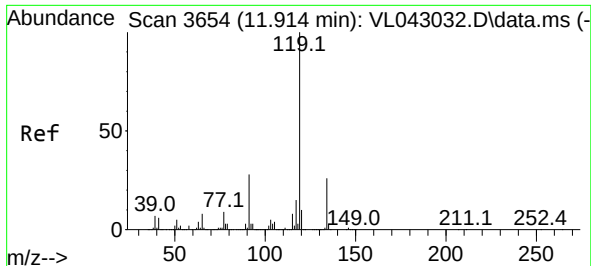
Tgt Ion:105 Resp: 106876
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.2 22.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.071 ppbv
 RT: 10.357 min Scan# 3173
 Delta R.T. -0.003 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion: 95 Resp: 313212
 Ion Ratio Lower Upper
 95 100
 174 65.6 52.3 78.5
 175 4.5 3.8 5.8

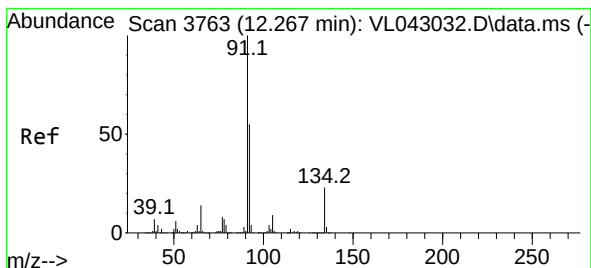
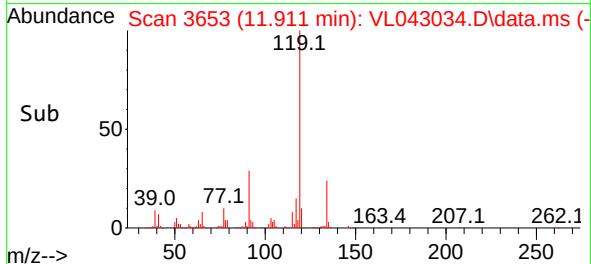
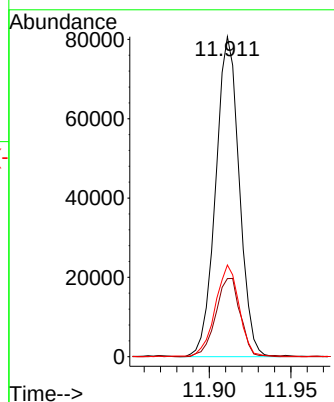
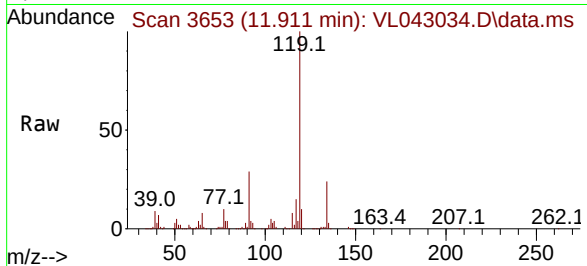




#69
p-Isopropyltoluene
Concen: 0.931 ppbv
RT: 11.911 min Scan# 3653
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

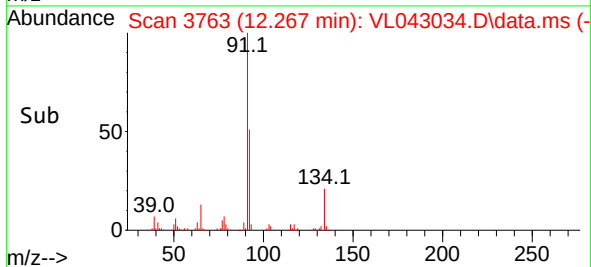
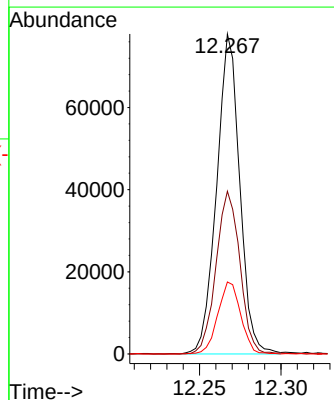
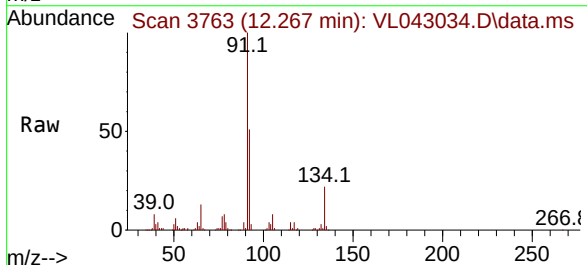
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

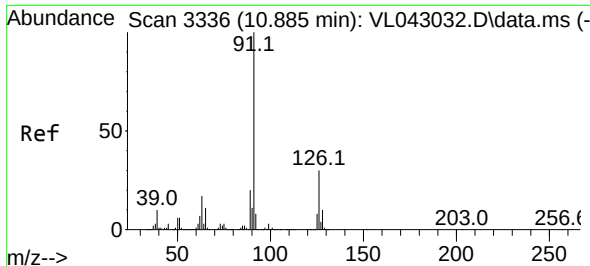
Tgt Ion:	119	Resp:	81108
Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.5	30.7
91	29.5	22.6	33.8



#70
n-Butylbenzene
Concen: 0.914 ppbv
RT: 12.267 min Scan# 3763
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:	91	Resp:	76664
Ion	Ratio	Lower	Upper
91	100		
92	52.6	43.9	65.9
134	22.4	18.9	28.3

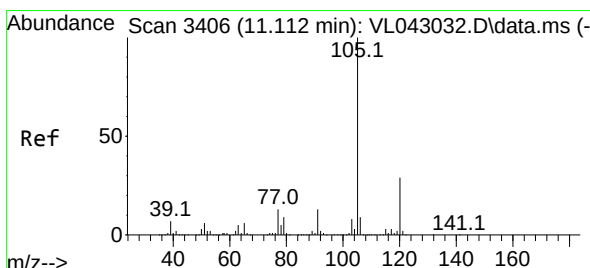
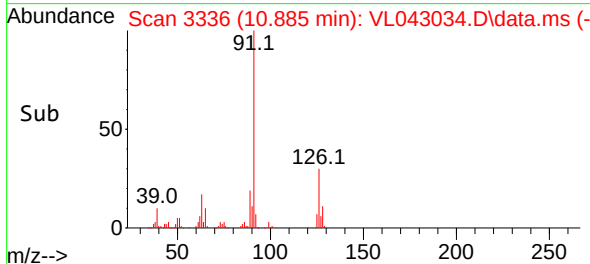
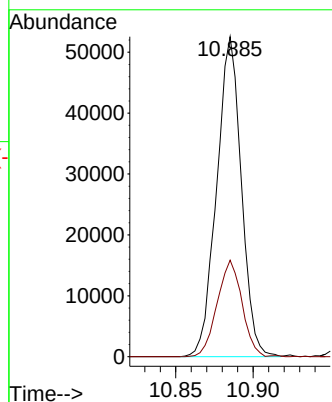
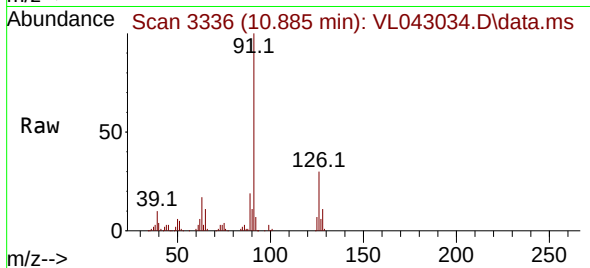




#71
2-Chlorotoluene
Concen: 0.932 ppbv
RT: 10.885 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

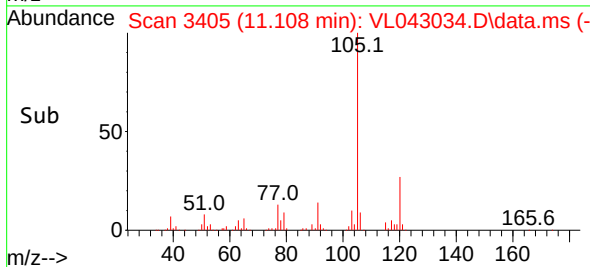
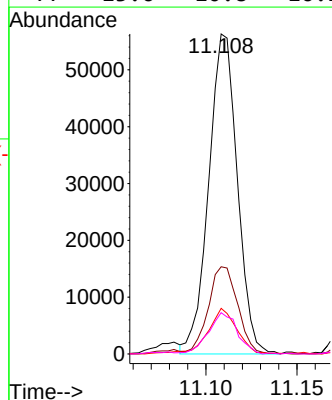
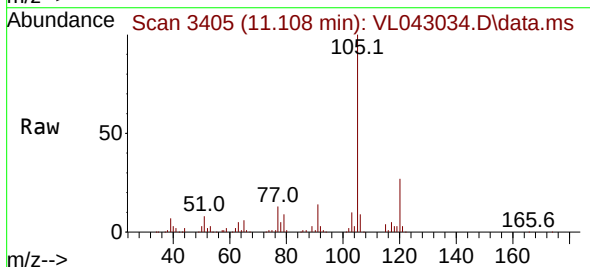
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

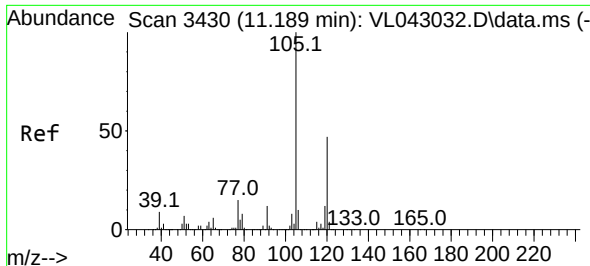
Tgt Ion: 91 Resp: 58174
Ion Ratio Lower Upper
91 100
126 30.4 12.2 48.6



#72
4-Ethyltoluene
Concen: 0.920 ppbv
RT: 11.108 min Scan# 3405
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion: 105 Resp: 61540
Ion Ratio Lower Upper
105 100
120 29.1 23.5 35.3
91 14.9 10.4 15.6
77 13.6 10.8 16.2

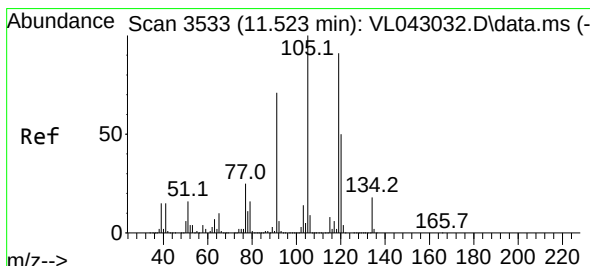
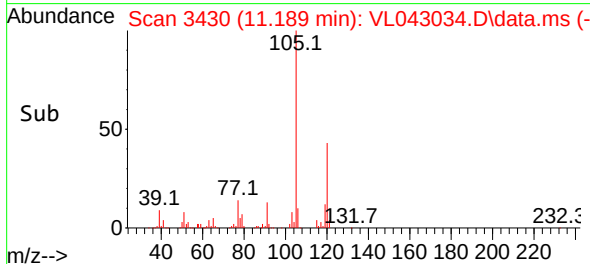
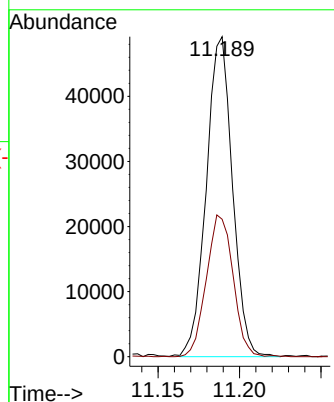
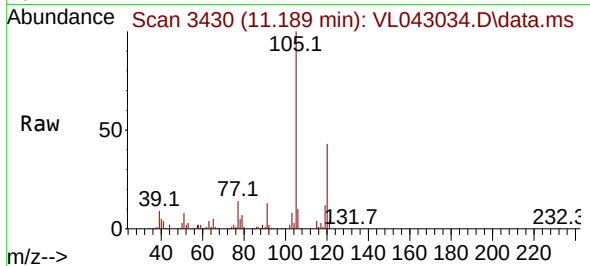




#73
 1,3,5-Trimethylbenzene
 Concen: 0.948 ppbv
 RT: 11.189 min Scan# 3430
 Delta R.T. 0.000 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

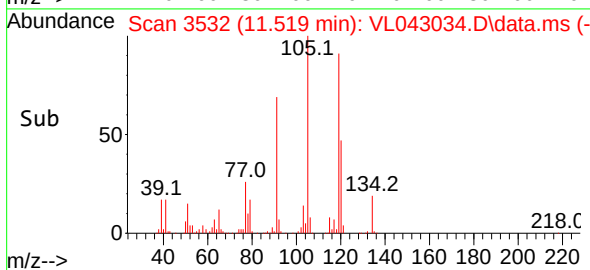
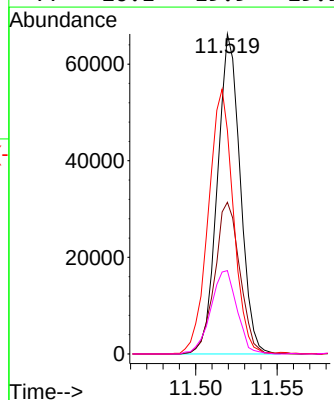
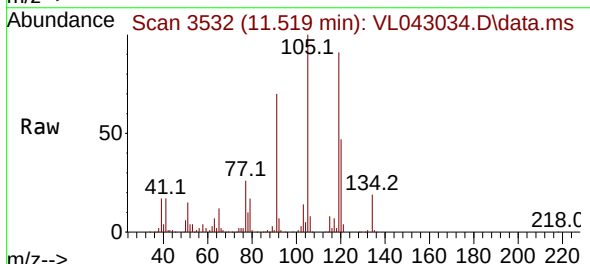
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC001

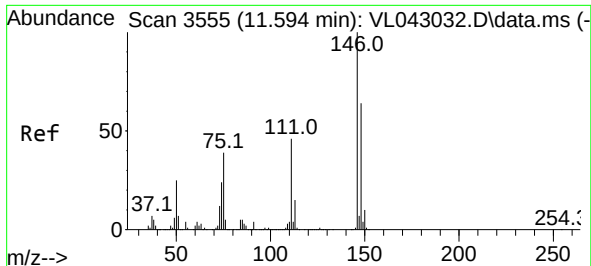
Tgt Ion:105 Resp: 54851
 Ion Ratio Lower Upper
 105 100
 120 42.8 37.5 56.3



#74
 1,2,4-Trimethylbenzene
 Concen: 0.986 ppbv
 RT: 11.519 min Scan# 3532
 Delta R.T. -0.003 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Tgt Ion:105 Resp: 64405
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.7 59.5
 91 69.6 56.5 84.7
 77 26.1 19.9 29.9

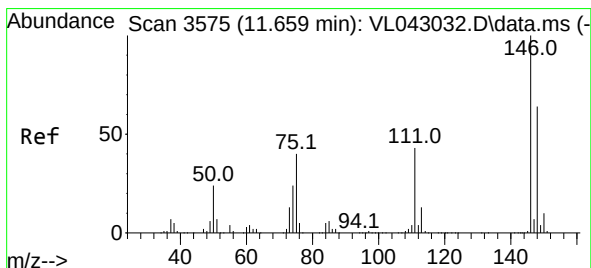
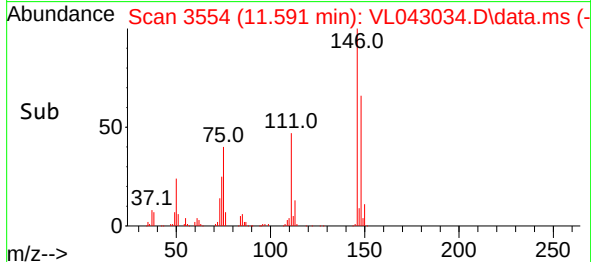
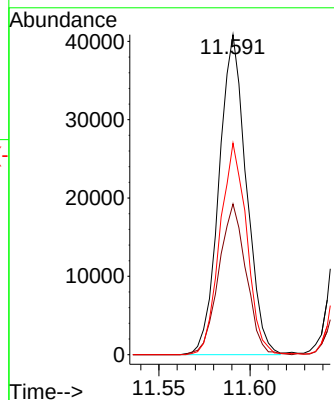
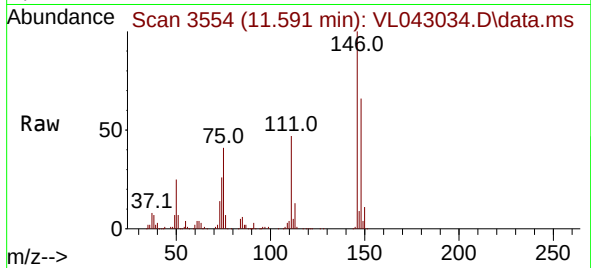




#75
1,3-Dichlorobenzene
Concen: 1.003 ppbv
RT: 11.591 min Scan# 3554
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

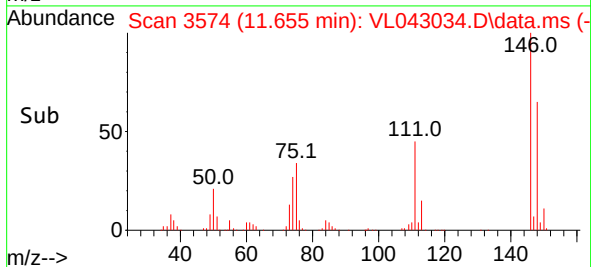
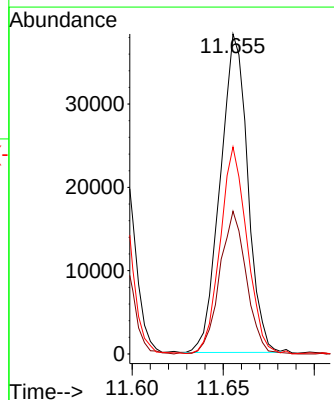
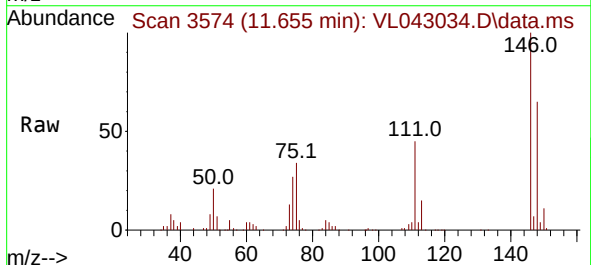
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC001

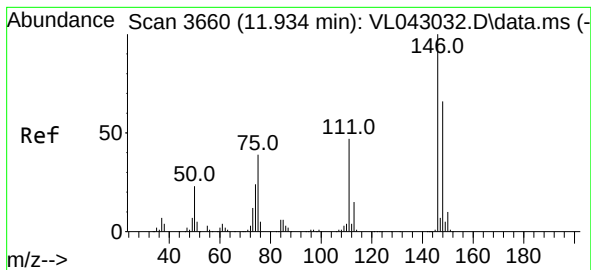
Tgt Ion:146 Resp: 42580
Ion Ratio Lower Upper
146 100
111 47.1 22.6 67.7
148 65.0 31.9 95.7



#76
1,4-Dichlorobenzene
Concen: 0.990 ppbv
RT: 11.655 min Scan# 3574
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:146 Resp: 40098
Ion Ratio Lower Upper
146 100
111 43.6 21.7 65.1
148 64.1 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 1.058 ppbv

RT: 11.930 min Scan# 3

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

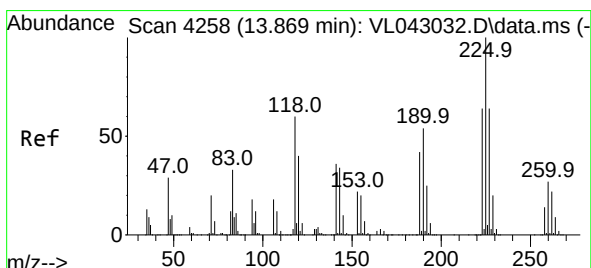
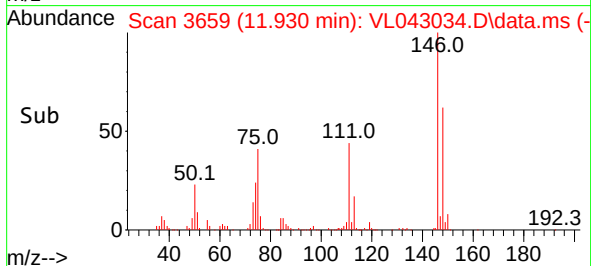
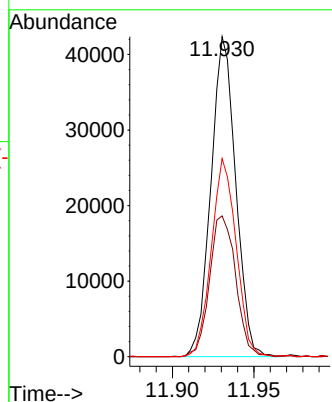
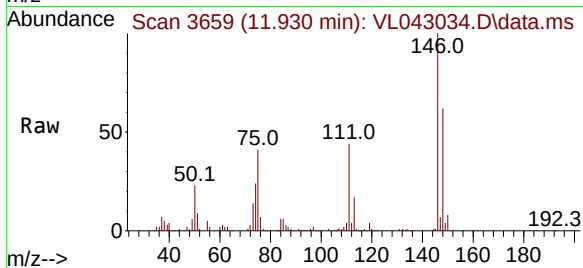
Tgt Ion:146 Resp: 44771

Ion Ratio Lower Upper

146 100

111 46.6 23.2 69.5

148 62.2 31.9 95.7



#78

Hexachloro-1,3-Butadiene

Concen: 1.032 ppbv

RT: 13.866 min Scan# 4257

Delta R.T. -0.003 min

Lab File: VL043034.D

Acq: 02 Oct 2025 11:29

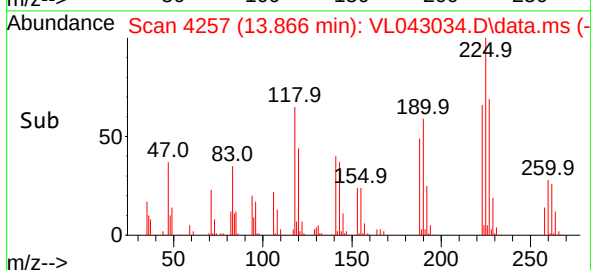
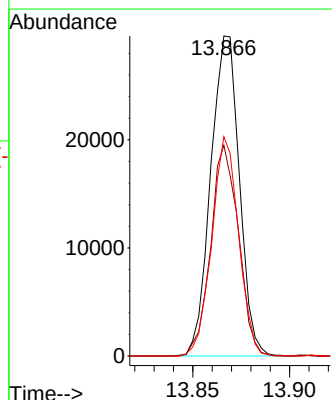
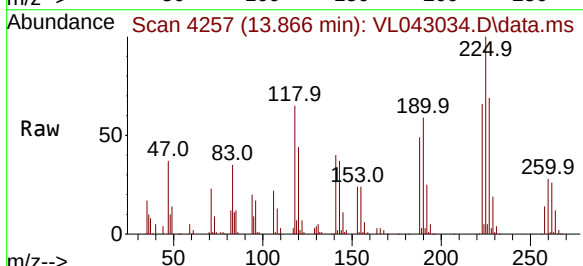
Tgt Ion:225 Resp: 30422

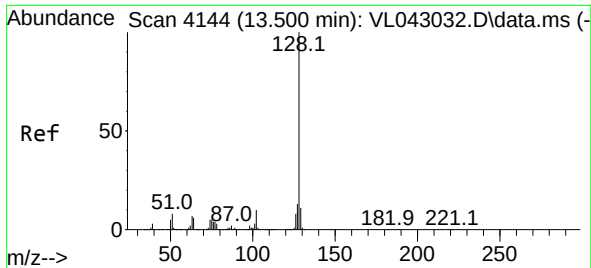
Ion Ratio Lower Upper

225 100

223 64.0 50.9 76.3

227 64.2 50.9 76.3

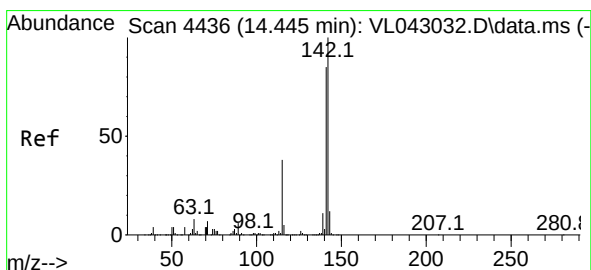
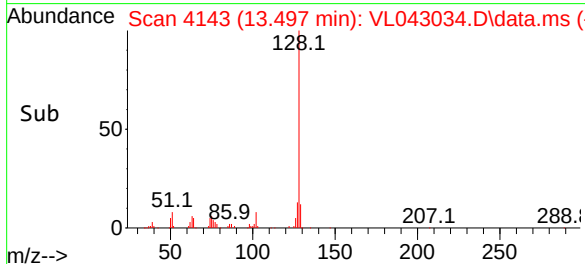
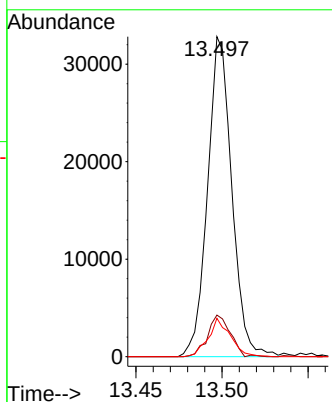
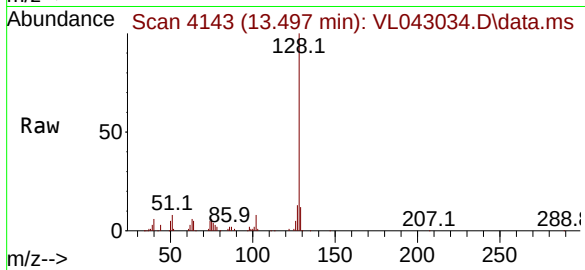




#79
Naphthalene
Concen: 0.831 ppbv
RT: 13.497 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

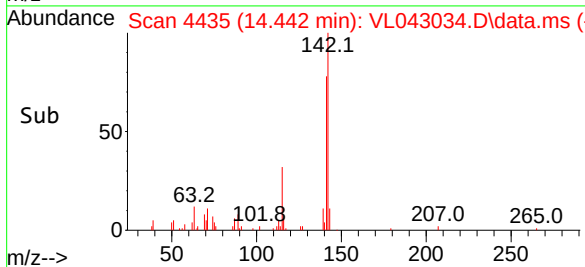
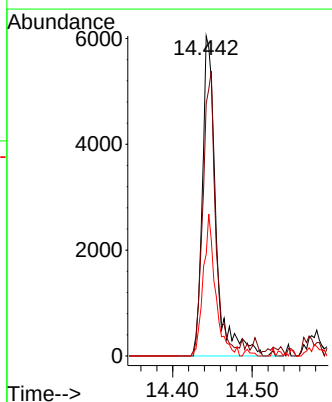
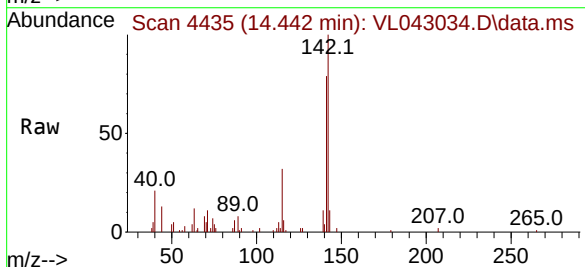
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001

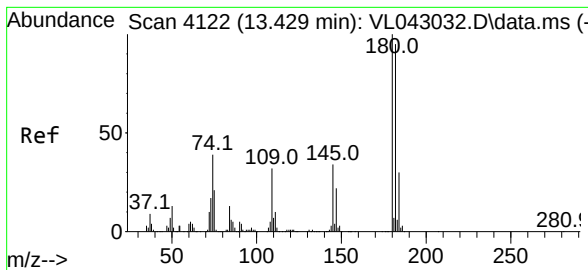
Tgt Ion:	128	Resp:	32191
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	12.0	8.8	13.2



#80
Naphthalene, 2-methyl-
Concen: 0.923 ppbv
RT: 14.442 min Scan# 4435
Delta R.T. -0.003 min
Lab File: VL043034.D
Acq: 02 Oct 2025 11:29

Tgt Ion:	142	Resp:	7210
Ion Ratio	Lower	Upper	
142	100		
141	83.3	66.6	100.0
115	40.1	30.1	45.1





#81
 1,2,4-Trichlorobenzene
 Concen: 0.816 ppbv
 RT: 13.426 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL043034.D
 Acq: 02 Oct 2025 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:	180	Resp:	20534
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.9	115.3
184	29.9	23.9	35.9

