

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087725.D
 Acq On : 04 Sep 2025 16:23
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 05 02:55:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	42575	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	216859	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	197903	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	111481	29.081	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.933%		
60) 4-Bromofluorobenzene	12.829	95	89929	26.721	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.067%		
63) Toluene-d8	10.547	98	277568	30.356	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	11648	4.330	ug/l	98
3) Chloromethane	2.383	50	13757	5.010	ug/l	97
4) Vinyl Chloride	2.542	62	14969	5.086	ug/l	96
5) Bromomethane	2.977	94	9176	5.656	ug/l #	80
6) Chloroethane	3.136	64	11348	5.889	ug/l	95
7) Trichlorofluoromethane	3.512	101	22997	5.390	ug/l	92
8) Diethyl Ether	3.953	74	4902	2.769	ug/l #	16
9) 1,1,2-Trichlorotrifluo...	4.371	101	5301	2.388	ug/l #	10
10) 1,1-Dichloroethene	4.330	96	13028	5.695	ug/l #	69
11) Methyl Iodide	4.594	142	2675	1.489	ug/l #	61
12) Methyl Acetate	5.024	43	17852	4.306	ug/l	99
13) Acrolein	4.183	56	18545	28.610	ug/l #	68
14) Acrylonitrile	5.712	53	41406	23.088	ug/l	66
15) Acetone	4.436	58	8485	16.678	ug/l #	61
16) Carbon Disulfide	4.694	76	35228	5.033	ug/l	97
17) Allyl chloride	5.012	41	11941	2.645	ug/l	96
18) Methylene Chloride	5.265	84	15429	5.346	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	11421	4.277	ug/l	94
20) Diisopropyl ether	6.659	45	43135	4.193	ug/l #	97
21) 1,1-Dichloroethane	6.553	63	26606	4.973	ug/l	95
22) cis-1,2-Dichloroethene	7.477	96	14747	4.514	ug/l	91
23) tert-Butyl Alcohol	5.524	59	6898	9.253	ug/l #	100
24) Methyl tert-Butyl Ether	5.777	73	20316	2.027	ug/l #	75
25) Chloroform	7.947	83	26857	4.769	ug/l	89
26) Cyclohexane	8.241	56	18224	4.308	ug/l #	95
29) 1,1-Dichloropropene	8.347	75	16714	4.808	ug/l	81
30) 2-Butanone	7.471	43	62809	24.948	ug/l	94
31) 2,2-Dichloropropane	7.471	77	13188	3.028	ug/l #	67
32) 1,1,1-Trichloroethane	8.147	97	21664	4.859	ug/l	97
33) Carbon Tetrachloride	8.347	117	18997	5.178	ug/l	91
34) Benzene	8.588	78	54727	4.965	ug/l #	82
35) Methacrylonitrile	7.765	41	11323	4.140	ug/l	82
36) 1,2-Dichloroethane	8.647	62	21499	4.893	ug/l #	88
37) Trichloroethene	9.335	130	12724	5.242	ug/l	91
38) Methylcyclohexane	9.582	83	18908	4.768	ug/l	96
39) 1,2-Dichloropropane	9.600	63	14250	5.045	ug/l	94
40) Dibromomethane	9.688	93	10862	5.143	ug/l	97
41) Bromodichloromethane	9.871	83	22133	5.018	ug/l	96
42) Vinyl Acetate	6.594	43	187082	22.588	ug/l #	92

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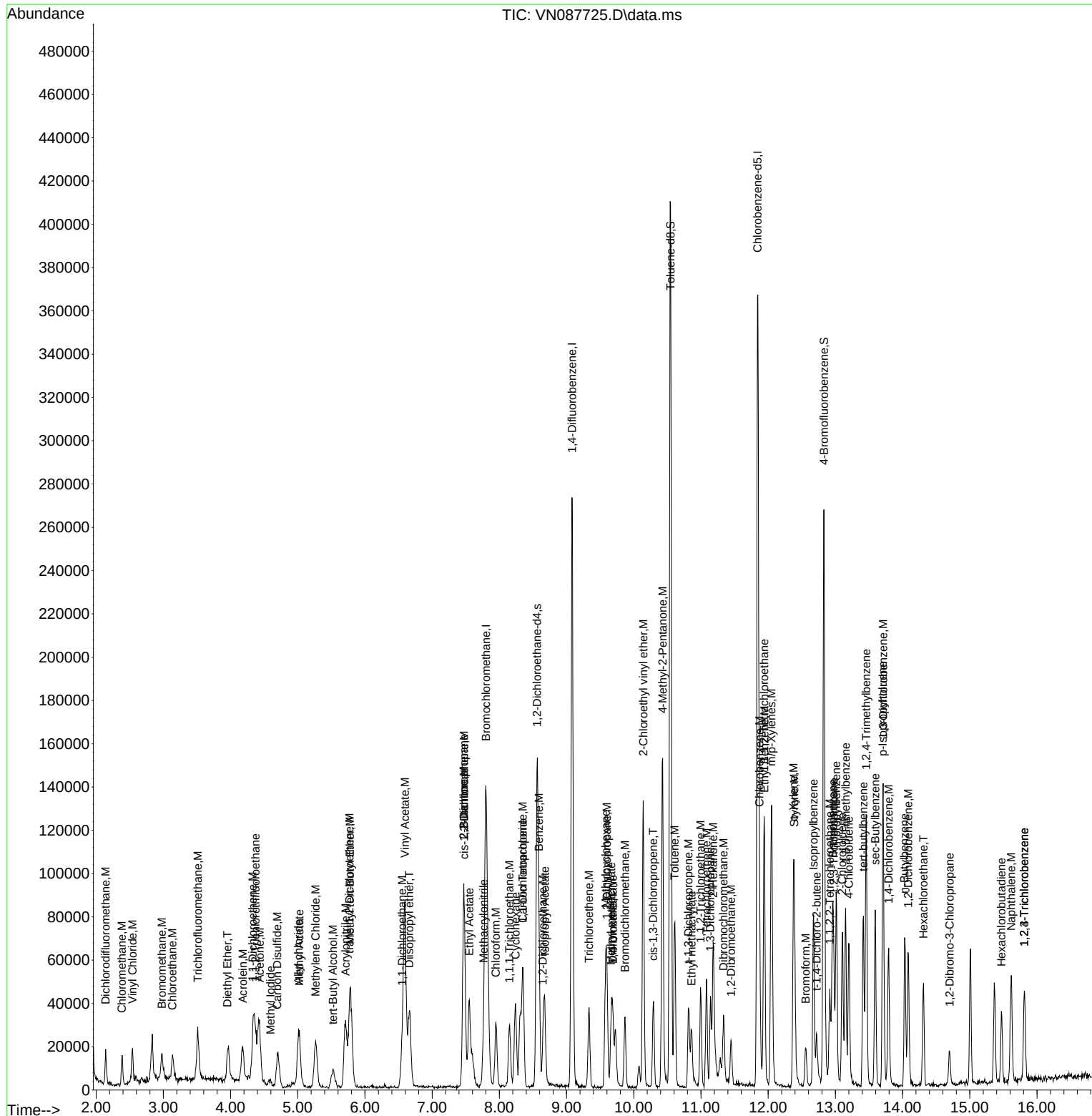
Quant Time: Sep 05 02:55:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
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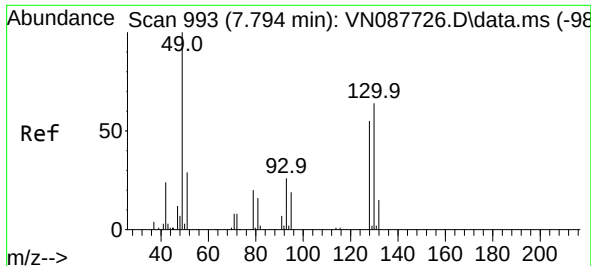
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	24321	4.902	ug/l	98
44) Isopropyl Acetate	8.677	43	34598	4.192	ug/l #	73
45) 1,4-Dioxane	9.688	88	4349	82.302	ug/l #	52
46) Methyl methacrylate	9.665	41	13812	3.575	ug/l	92
48) t-1,3-Dichloropropene	10.812	75	21459	4.564	ug/l	93
49) cis-1,3-Dichloropropene	10.288	75	21937	4.623	ug/l #	93
50) 1,1,2-Trichloroethane	10.994	97	14010	5.222	ug/l #	91
51) Ethyl methacrylate	10.859	69	15678	3.425	ug/l	96
52) 1,3-Dichloropropane	11.141	76	23001	4.782	ug/l	100
53) Dibromochloromethane	11.335	129	15190	4.974	ug/l	86
54) 1,2-Dibromoethane	11.447	107	13958	4.937	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	55971	22.629	ug/l	96
56) Bromoform	12.559	173	9575	4.732	ug/l #	94
58) 4-Methyl-2-Pentanone	10.429	43	109790	22.421	ug/l	99
59) 2-Hexanone	11.182	43	55125	16.623	ug/l	100
61) Tetrachloroethene	11.082	164	10301	5.392	ug/l	92
62) Toluene	10.606	91	56231	4.722	ug/l	99
64) Chlorobenzene	11.870	112	35078	4.801	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.941	131	13029	5.065	ug/l	95
66) Ethyl Benzene	11.947	91	57255	4.362	ug/l	94
67) m/p-Xylenes	12.047	106	41515	8.594	ug/l	97
68) o-Xylene	12.376	106	19899	4.176	ug/l	87
69) Styrene	12.388	104	32885	4.057	ug/l	99
70) Isopropylbenzene	12.676	105	50734	4.232	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	20319	4.858	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	25667	6.578	ug/l	56
73) Bromobenzene	12.964	156	14160	4.997	ug/l	93
74) n-propylbenzene	13.012	91	64047	4.247	ug/l	97
75) 2-Chlorotoluene	13.100	91	38851	4.188	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	42622	4.143	ug/l	99
77) t-1,4-Dichloro-2-butene	12.723	75	5106	3.485	ug/l	92
78) 4-Chlorotoluene	13.200	91	35970	3.810	ug/l	99
79) tert-butylbenzene	13.417	119	35406	4.085	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	42618	4.107	ug/l	98
81) sec-Butylbenzene	13.594	105	53746	4.253	ug/l	99
82) p-Isopropyltoluene	13.706	119	43232	4.132	ug/l	97
83) 1,3-Dichlorobenzene	13.712	146	25121	4.627	ug/l	95
84) 1,4-Dichlorobenzene	13.794	146	25650	4.693	ug/l	95
85) n-Butylbenzene	14.029	91	41201	4.055	ug/l	99
86) Hexachloroethane	14.311	117	9454	4.553	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	23694	4.602	ug/l	94
88) 1,2-Dibromo-3-Chloropr...	14.700	75	3446	3.304	ug/l #	70
89) 1,2,4-Trichlorobenzene	15.811	180	13520	4.443	ug/l	93
90) Hexachlorobutadiene	15.470	225	4812	4.125	ug/l	90
91) Naphthalene	15.617	128	43072	3.756	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.811	180	13520	4.443	ug/l	93

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

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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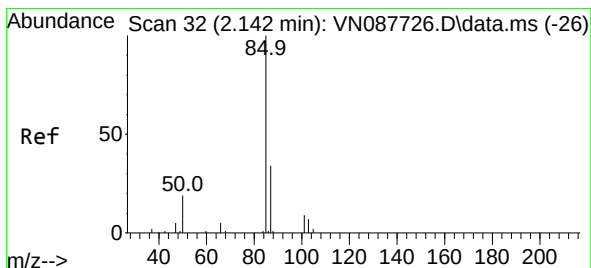
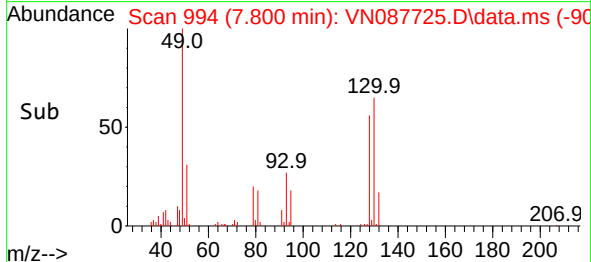
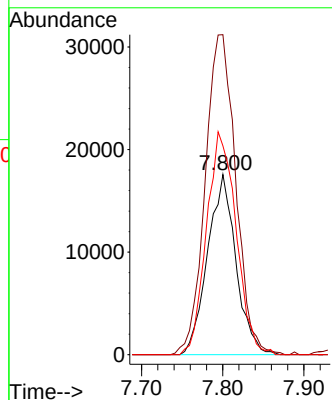
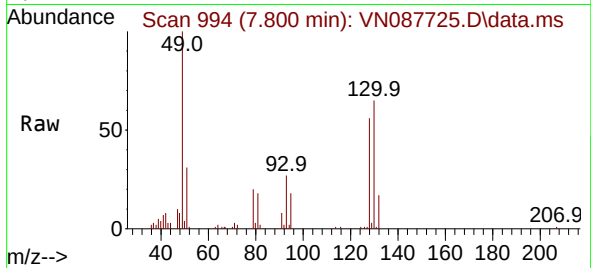




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

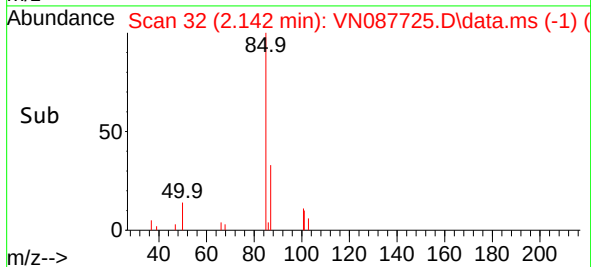
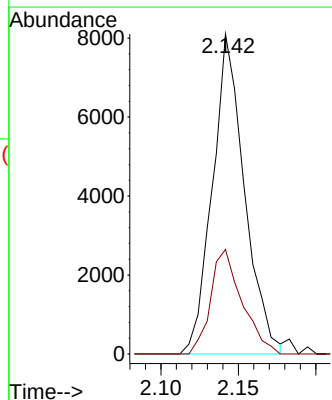
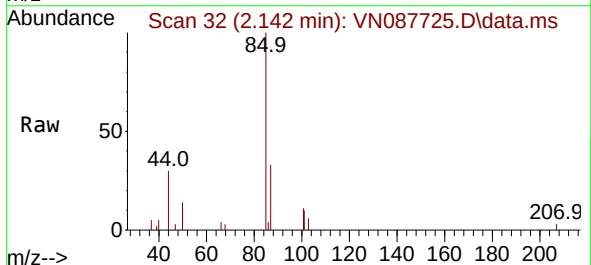
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

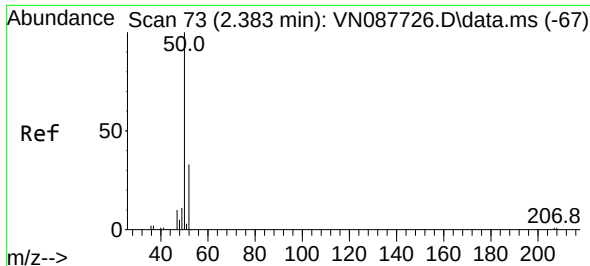
Tgt Ion:128 Resp: 42575
Ion Ratio Lower Upper
128 100
49 191.5 0.0 464.3
130 129.0 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 4.330 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 85 Resp: 11648
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4

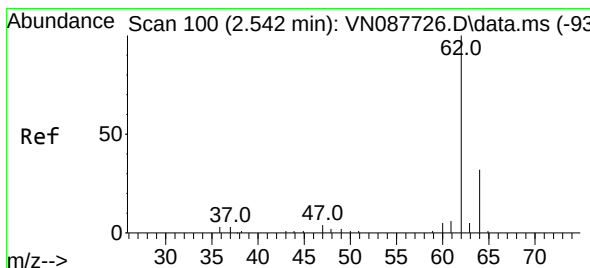
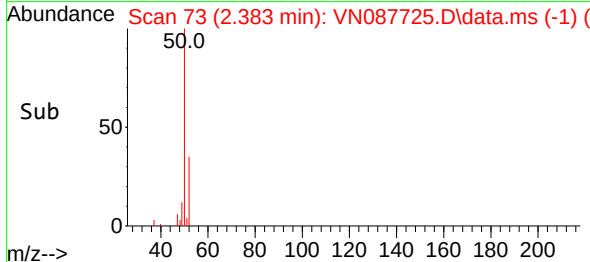
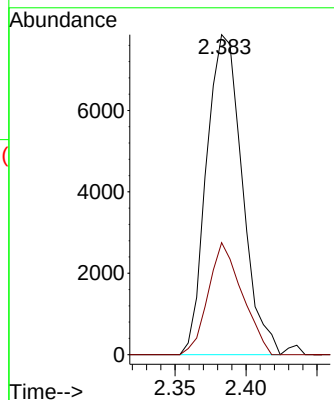
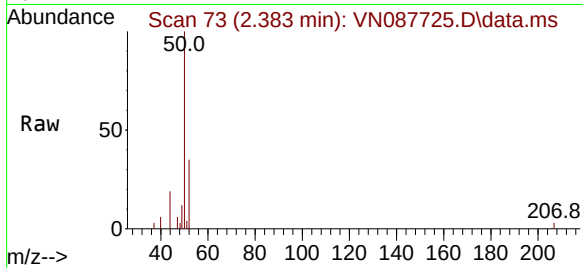




#3
Chloromethane
Concen: 5.010 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

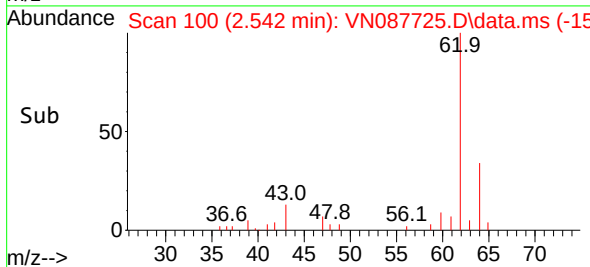
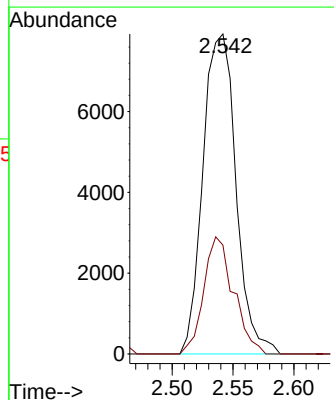
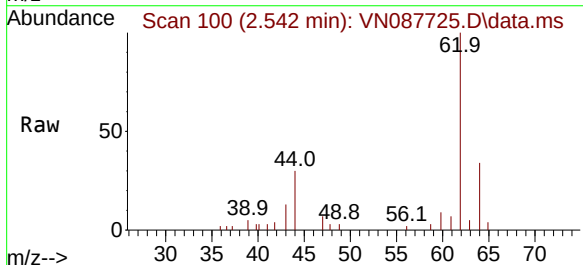
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

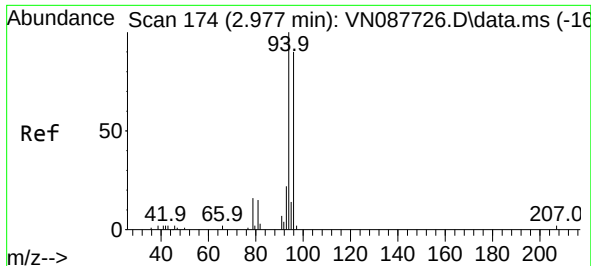
Tgt Ion: 50 Resp: 13757
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 5.086 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 62 Resp: 14969
Ion Ratio Lower Upper
62 100
64 34.0 25.5 38.3

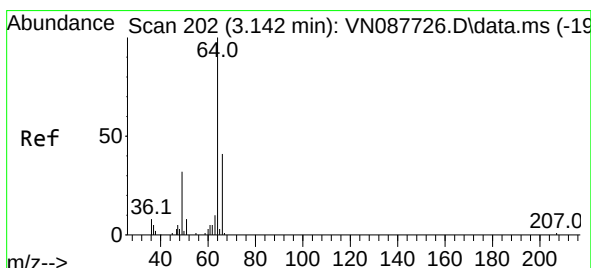
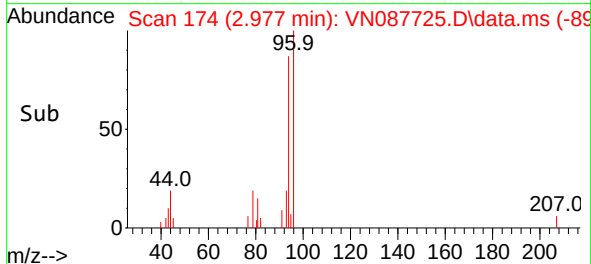
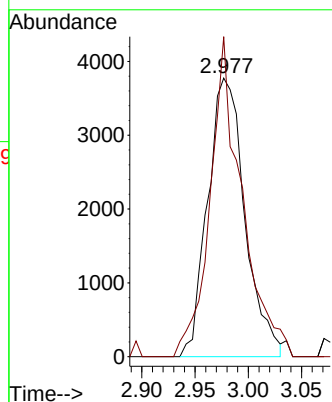
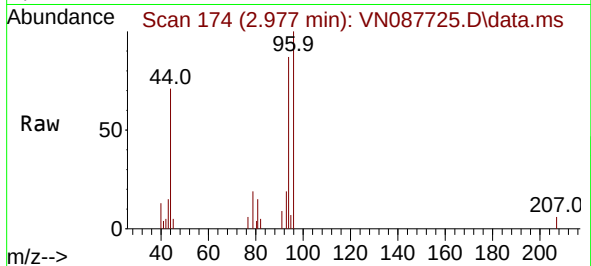




#5
Bromomethane
Concen: 5.656 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

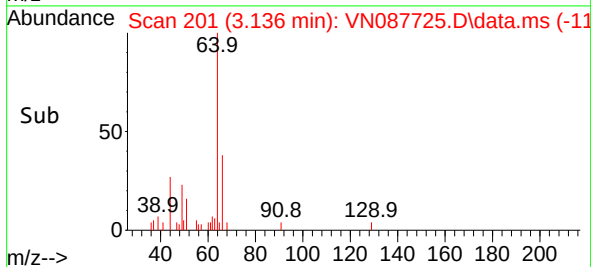
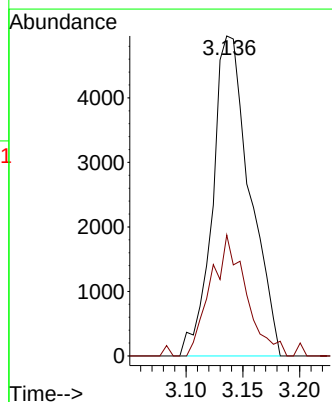
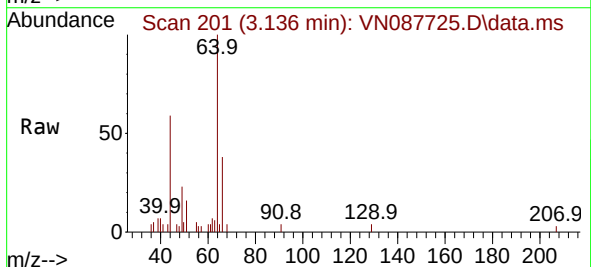
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ClientSampleId :
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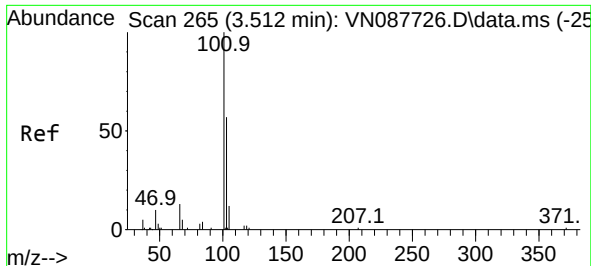
Tgt Ion: 94 Resp: 9176
Ion Ratio Lower Upper
94 100
96 109.4 72.2 108.4#



#6
Chloroethane
Concen: 5.889 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 64 Resp: 11348
Ion Ratio Lower Upper
64 100
66 37.8 32.8 49.2

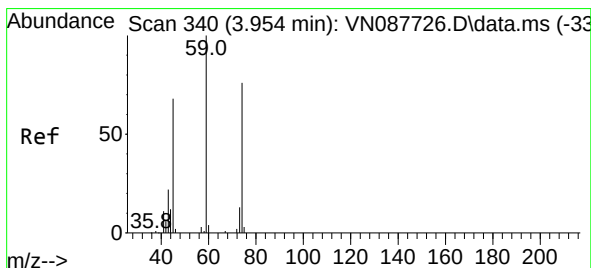
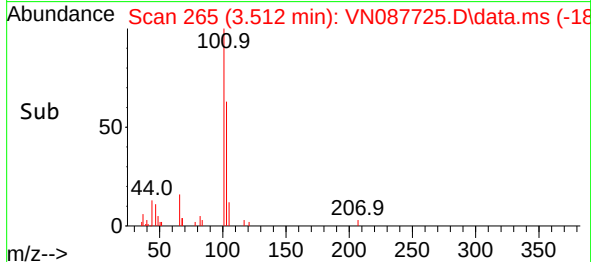
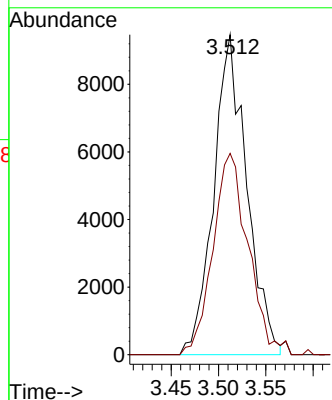
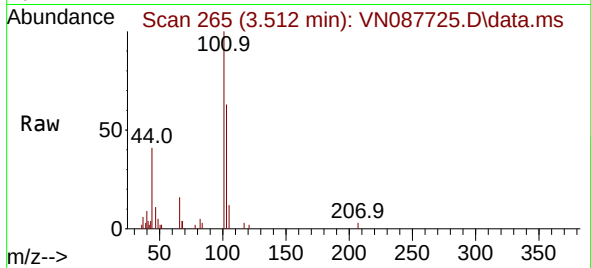




#7
 Trichlorofluoromethane
 Concen: 5.390 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

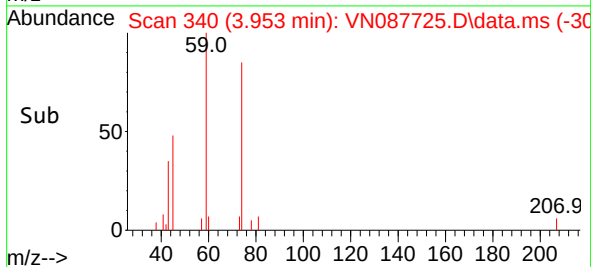
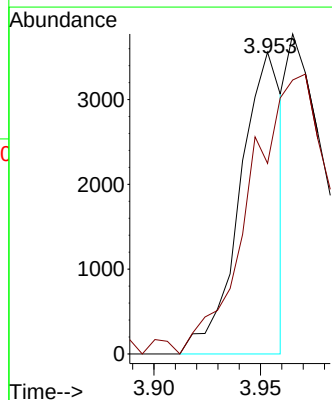
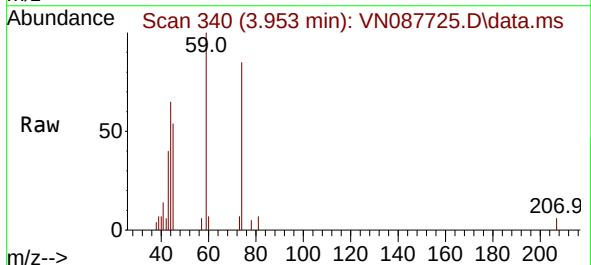
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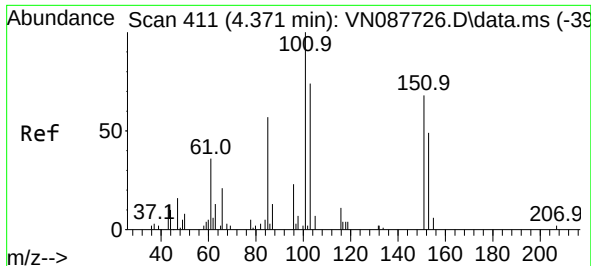
Tgt Ion:101 Resp: 22997
 Ion Ratio Lower Upper
 101 100
 103 62.9 45.7 68.5



#8
 Diethyl Ether
 Concen: 2.769 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Tgt Ion: 74 Resp: 4902
 Ion Ratio Lower Upper
 74 100
 45 187.5 20.4 183.8#

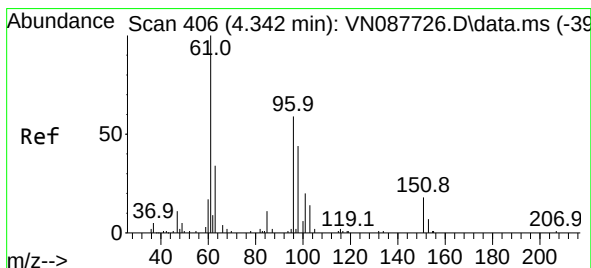
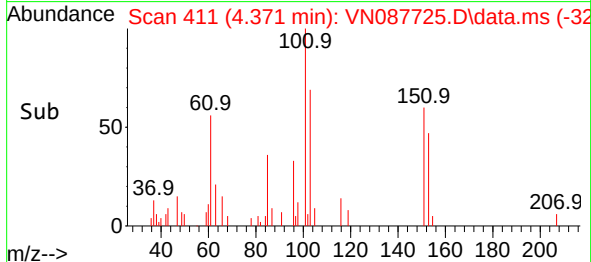
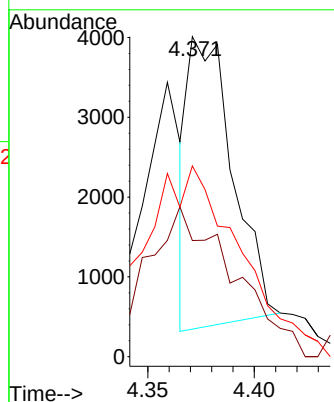
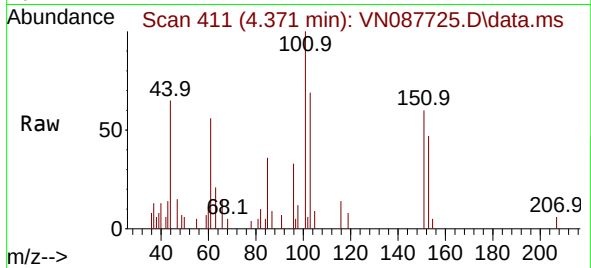




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.388 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

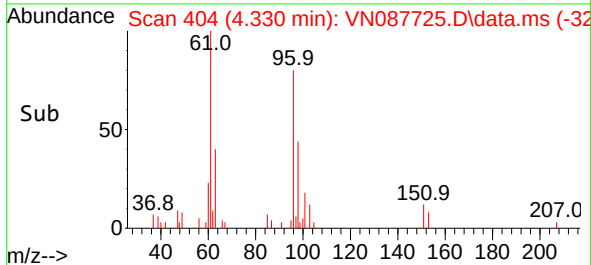
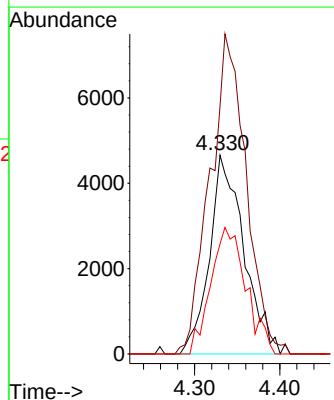
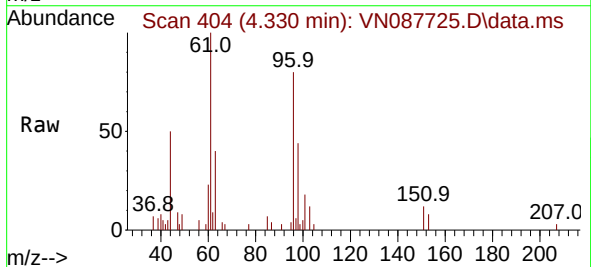
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

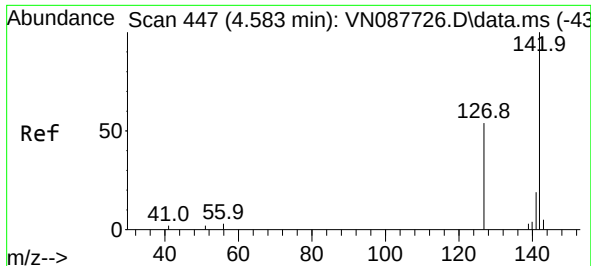
Tgt Ion:101 Resp: 5301
 Ion Ratio Lower Upper
 101 100
 85 60.3 0.0 95.6
 151 151.9 0.0 85.8#



#10
 1,1-Dichloroethene
 Concen: 5.695 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. -0.012 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Tgt Ion: 96 Resp: 13028
 Ion Ratio Lower Upper
 96 100
 61 121.4 135.9 203.9#
 98 55.4 59.2 88.8#

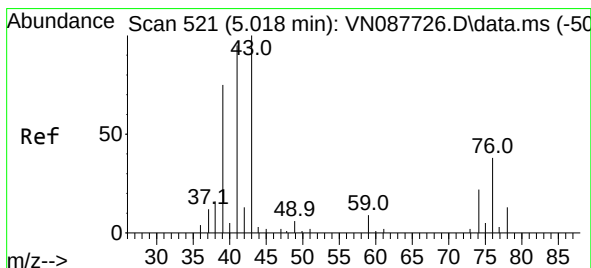
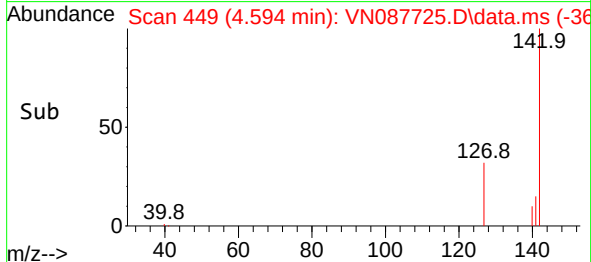
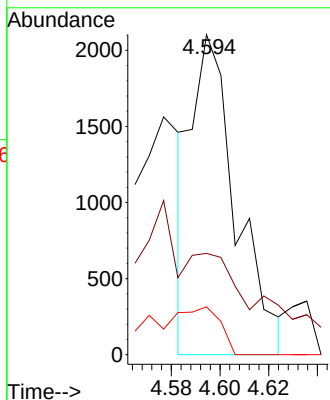
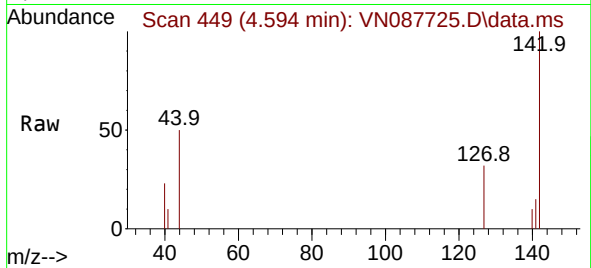




#11
Methyl Iodide
Concen: 1.489 ug/l
RT: 4.594 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

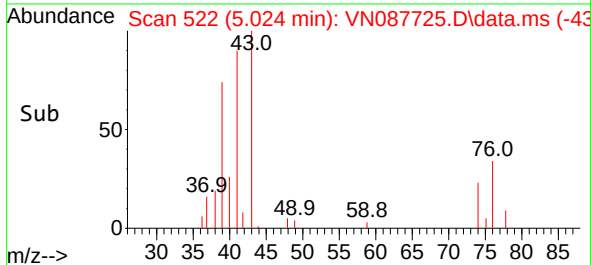
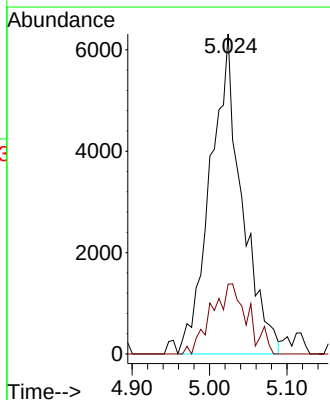
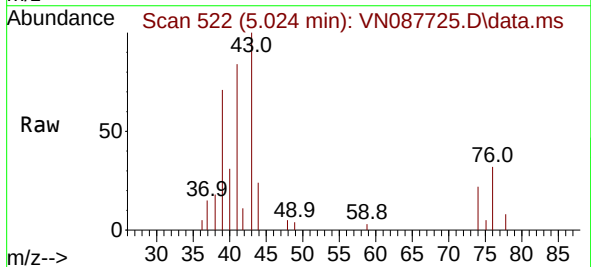
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

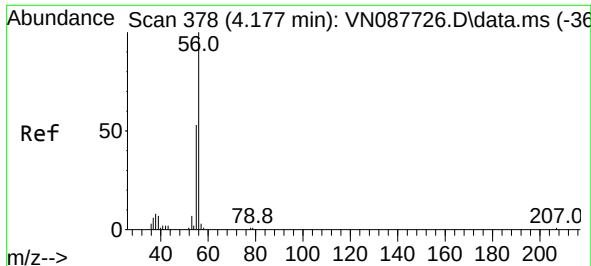
Tgt Ion:142 Resp: 2675
Ion Ratio Lower Upper
142 100
127 20.0 27.9 83.7#
141 14.1 9.6 28.8



#12
Methyl Acetate
Concen: 4.306 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 43 Resp: 17852
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3

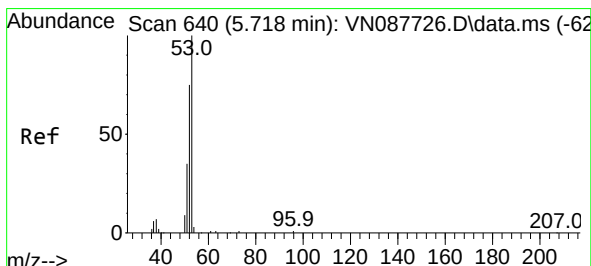
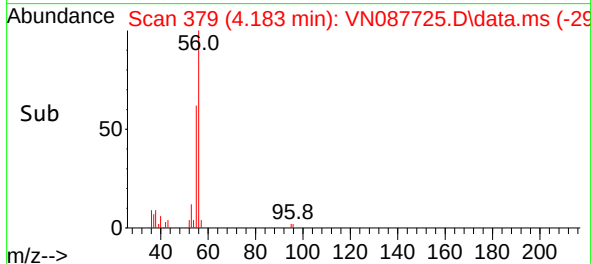
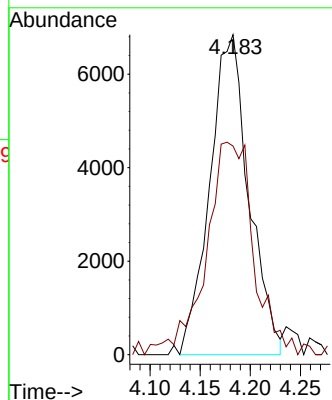
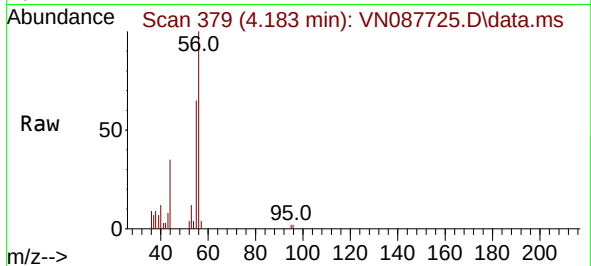




#13
Acrolein
Concen: 28.610 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

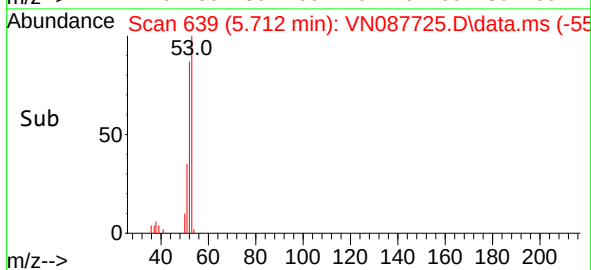
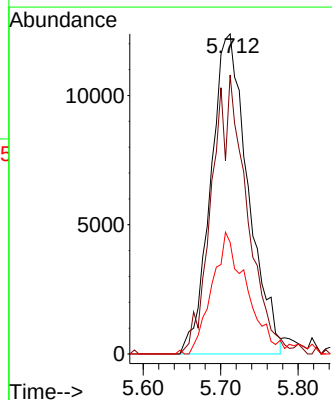
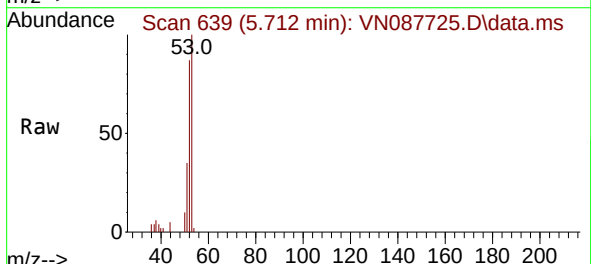
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

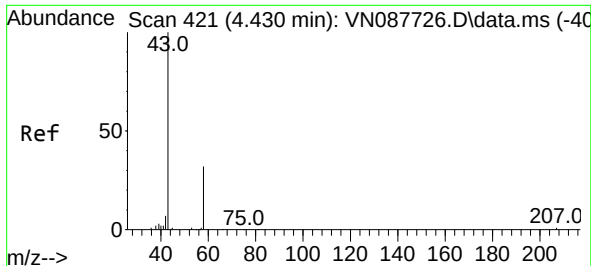
Tgt Ion: 56 Resp: 18545
Ion Ratio Lower Upper
56 100
55 54.7 28.6 42.8#



#14
Acrylonitrile
Concen: 23.088 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 53 Resp: 41406
Ion Ratio Lower Upper
53 100
52 45.8 40.9 122.7
51 24.9 18.1 54.1





#15

Acetone

Concen: 16.678 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

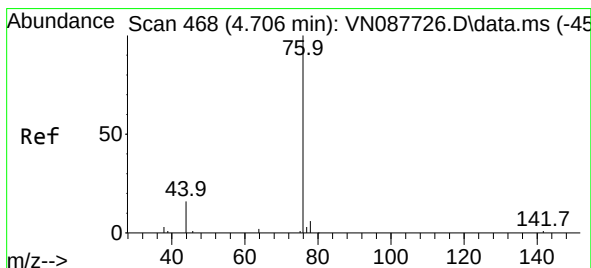
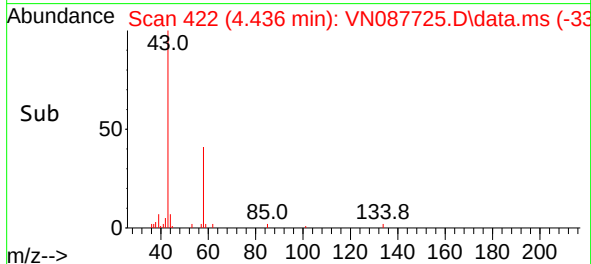
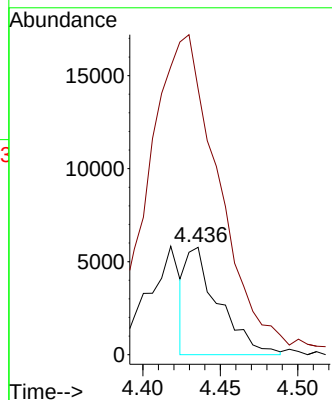
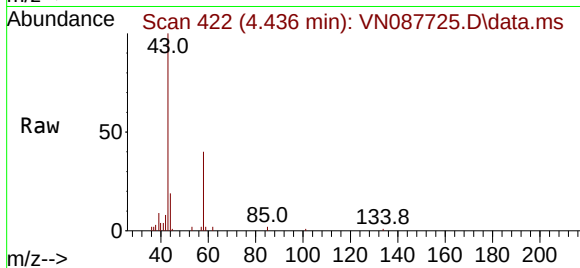
VSTDIC005

Tgt Ion: 58 Resp: 8485

Ion Ratio Lower Upper

58 100

43 235.4 250.6 376.0#



#16

Carbon Disulfide

Concen: 5.033 ug/l

RT: 4.694 min Scan# 466

Delta R.T. -0.012 min

Lab File: VN087725.D

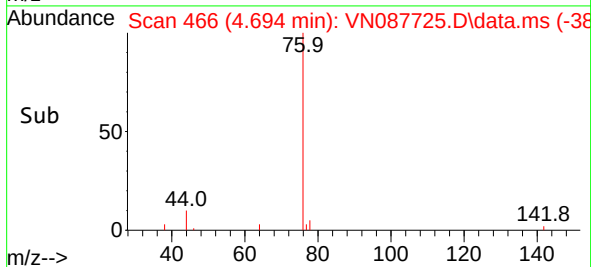
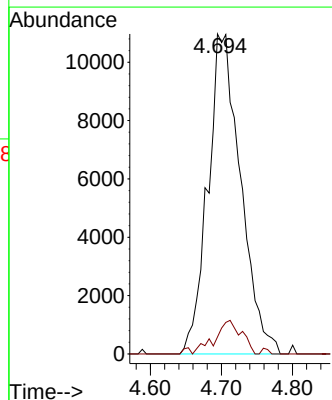
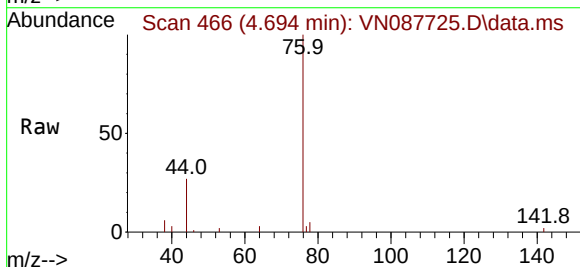
Acq: 04 Sep 2025 16:23

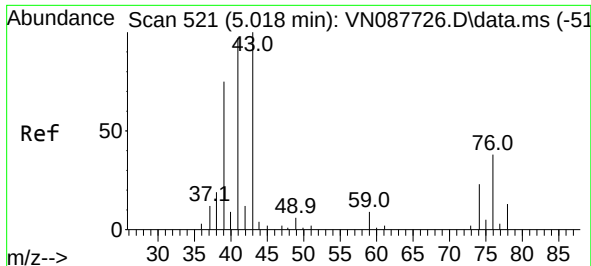
Tgt Ion: 76 Resp: 35228

Ion Ratio Lower Upper

76 100

78 5.3 5.0 7.6

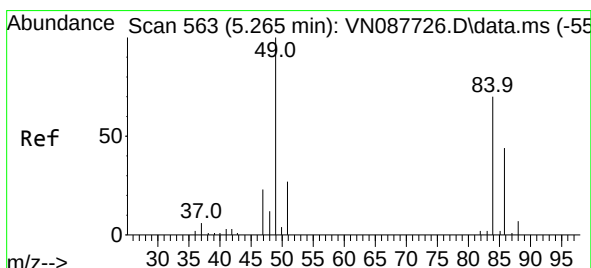
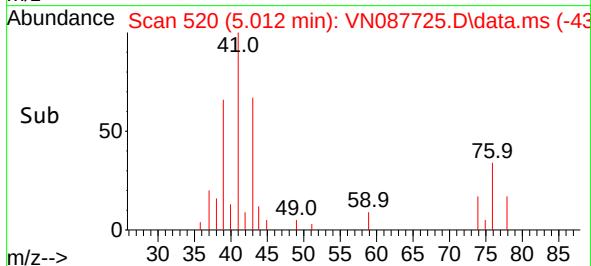
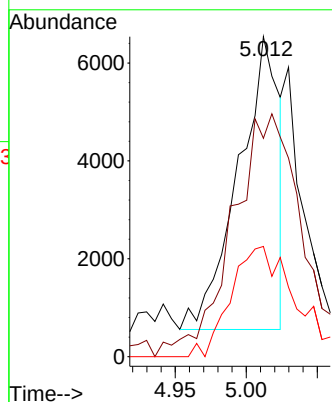
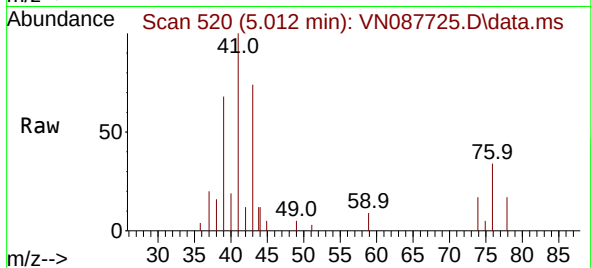




#17
 Allyl chloride
 Concen: 2.645 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

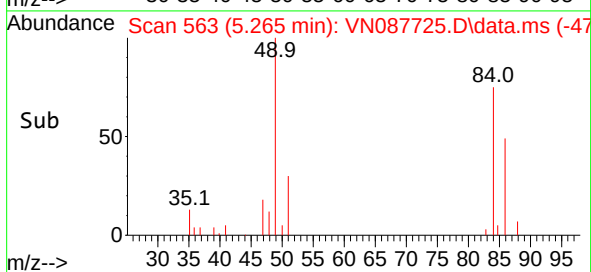
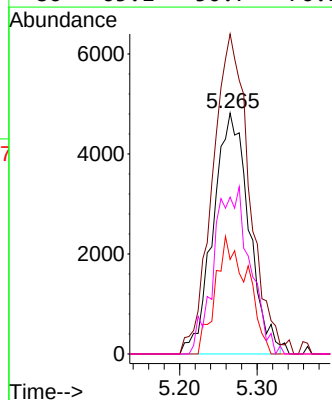
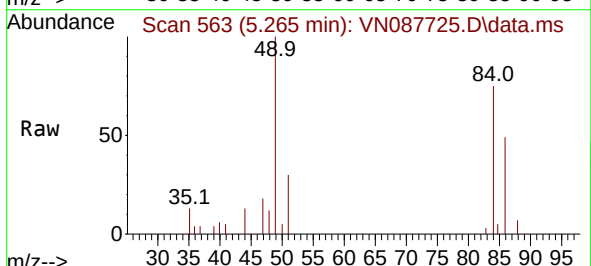
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

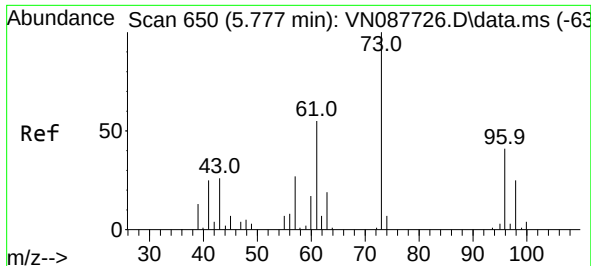
Tgt Ion: 41	Resp: 11941
Ion Ratio	Lower Upper
41	100
39	68.7 36.7 110.1
76	37.7 18.3 54.8



#18
 Methylene Chloride
 Concen: 5.346 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Tgt Ion: 84	Resp: 15429
Ion Ratio	Lower Upper
84	100
49	132.9 114.1 171.1
51	39.2 30.2 45.4
86	65.1 50.7 76.1

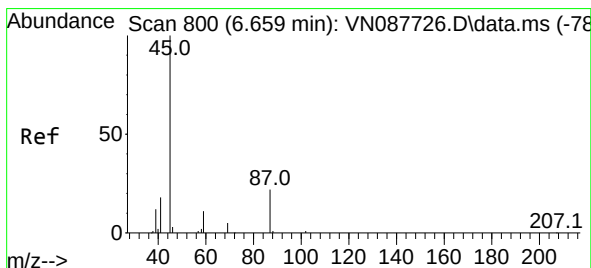
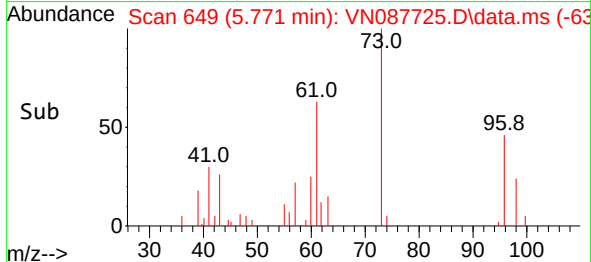
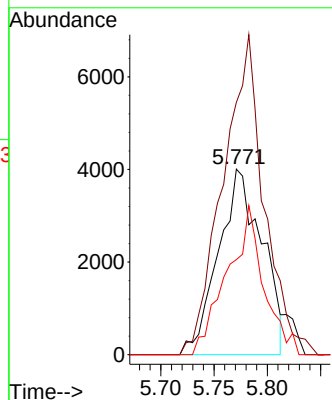
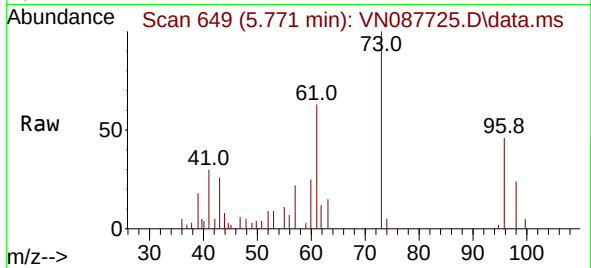




#19
trans-1,2-Dichloroethene
Concen: 4.277 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

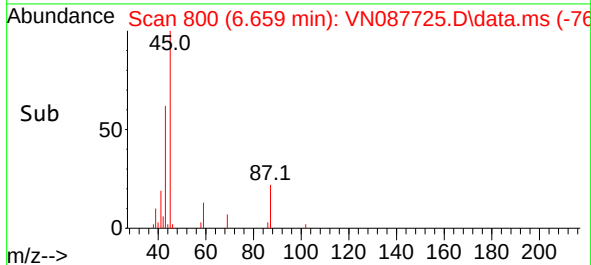
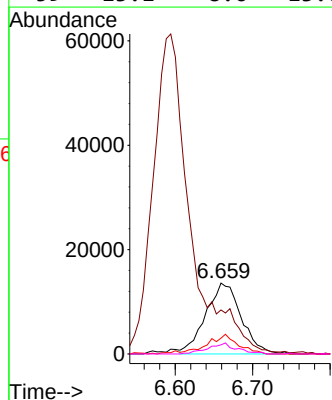
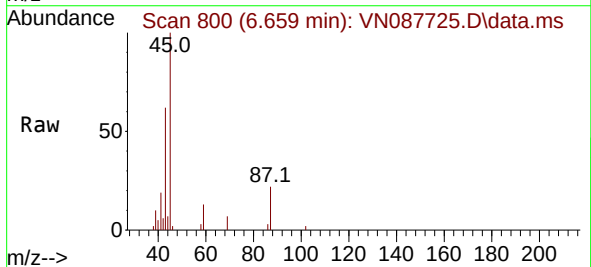
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

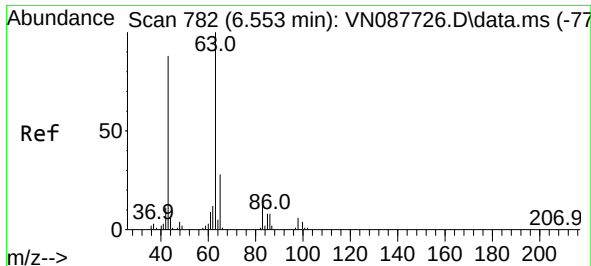
Tgt Ion: 96 Resp: 11421
Ion Ratio Lower Upper
96 100
61 136.0 106.4 159.6
98 51.3 48.9 73.3



#20
Diisopropyl ether
Concen: 4.193 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 45 Resp: 43135
Ion Ratio Lower Upper
45 100
43 60.1 49.5 74.3
87 22.6 18.8 28.2
59 13.1 8.6 13.0#

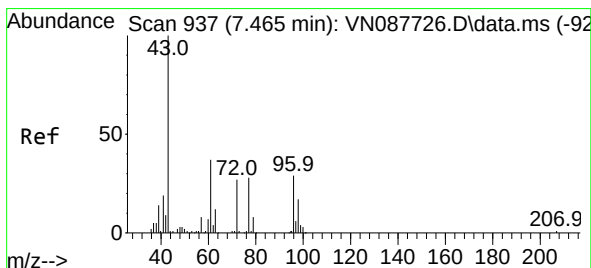
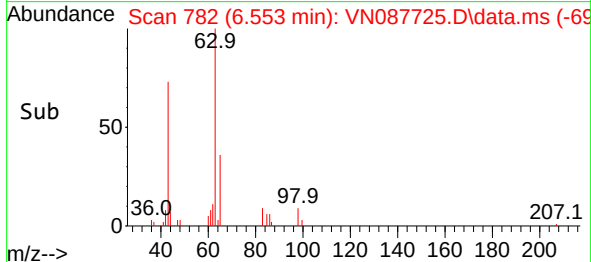
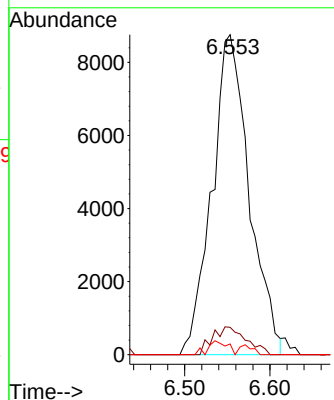
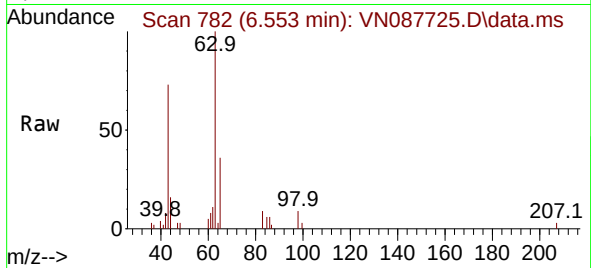




#21
 1,1-Dichloroethane
 Concen: 4.973 ug/l
 RT: 6.553 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

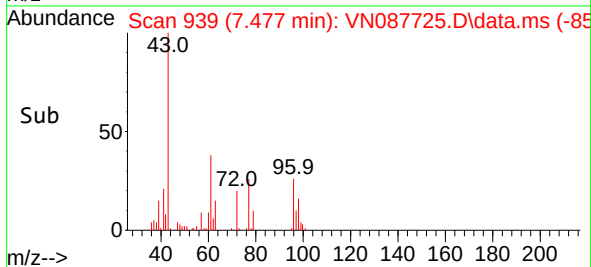
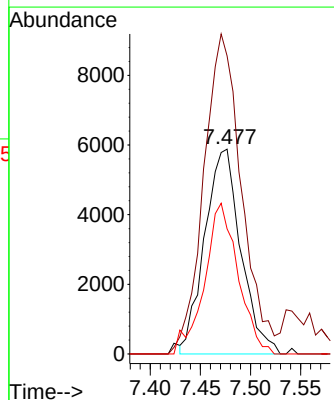
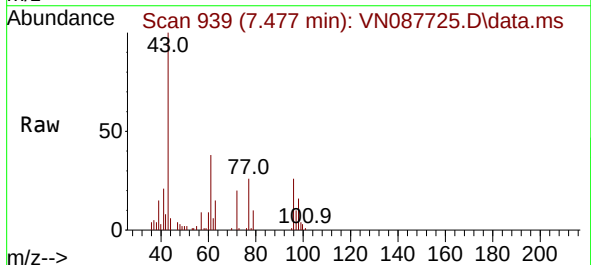
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

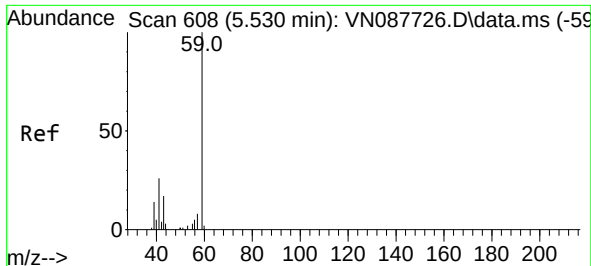
Tgt Ion:	63	Resp:	26606
Ion Ratio	Lower	Upper	
63	100		
98	8.5	2.9	8.8
100	3.3	1.8	5.3



#22
 cis-1,2-Dichloroethene
 Concen: 4.514 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.012 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Tgt Ion:	96	Resp:	14747
Ion Ratio	Lower	Upper	
96	100		
61	162.9	118.2	177.2
98	65.6	51.6	77.4

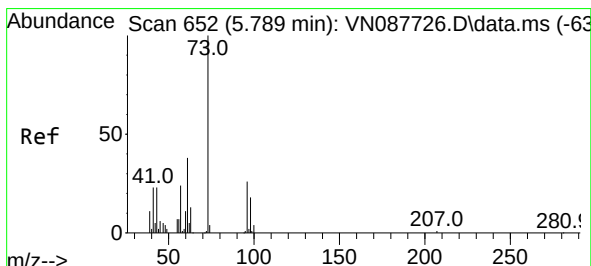
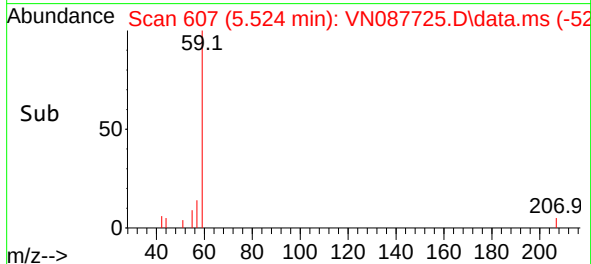
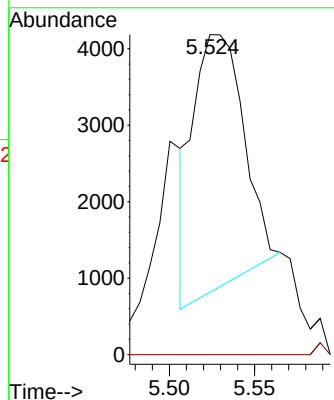
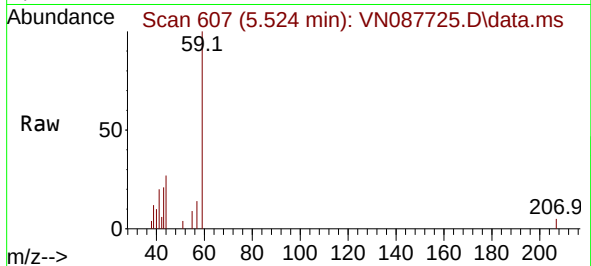




#23
tert-Butyl Alcohol
Concen: 9.253 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

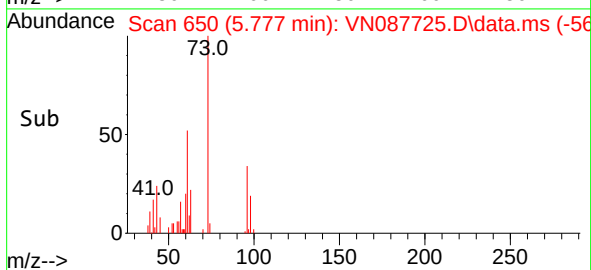
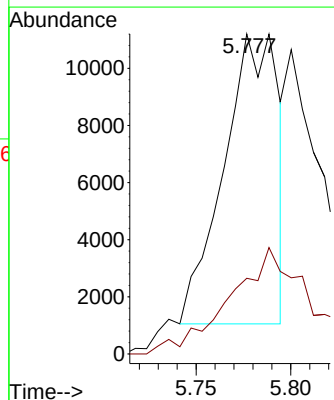
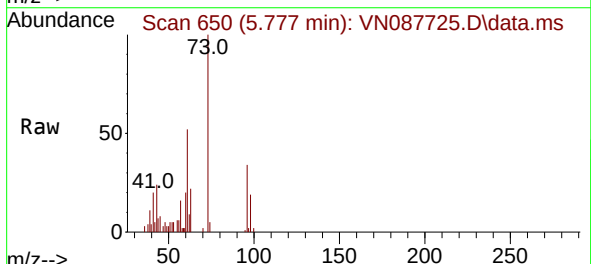
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

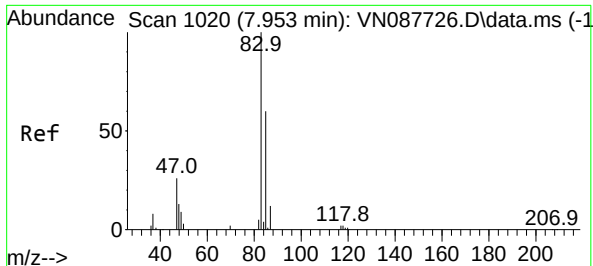
Tgt Ion: 59 Resp: 6898
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 2.027 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 73 Resp: 20316
Ion Ratio Lower Upper
73 100
43 32.9 16.8 25.2#





#25

Chloroform

Concen: 4.769 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

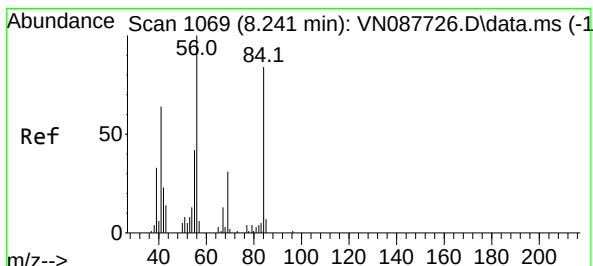
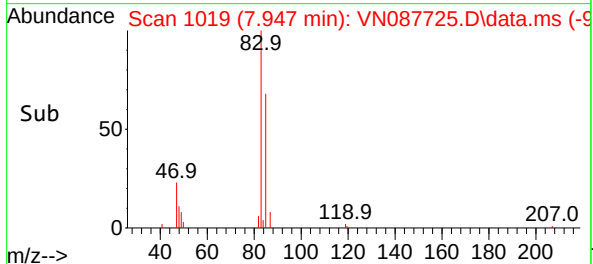
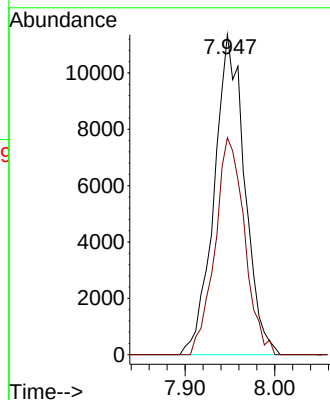
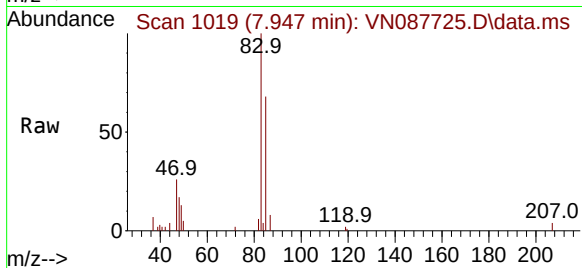
VSTDICC005

Tgt Ion: 83 Resp: 26857

Ion Ratio Lower Upper

83 100

85 67.8 47.7 71.5



#26

Cyclohexane

Concen: 4.308 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

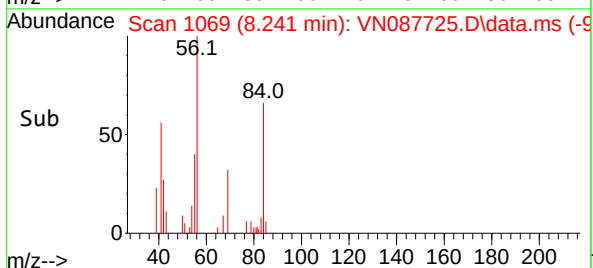
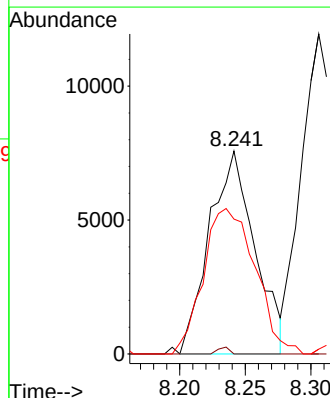
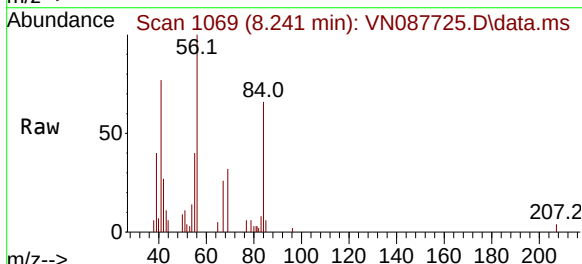
Tgt Ion: 56 Resp: 18224

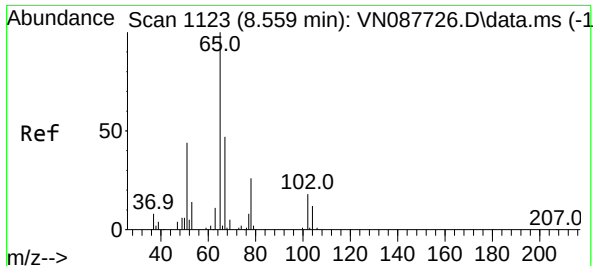
Ion Ratio Lower Upper

56 100

89 0.9 0.0 0.0#

84 82.1 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 29.081 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

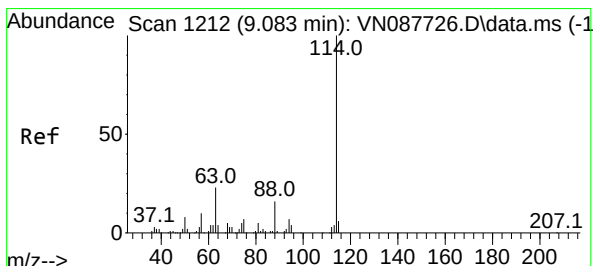
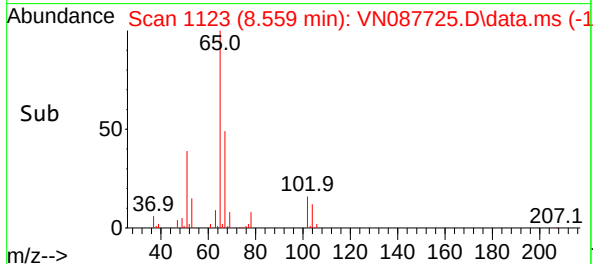
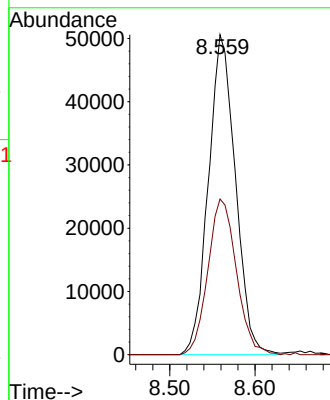
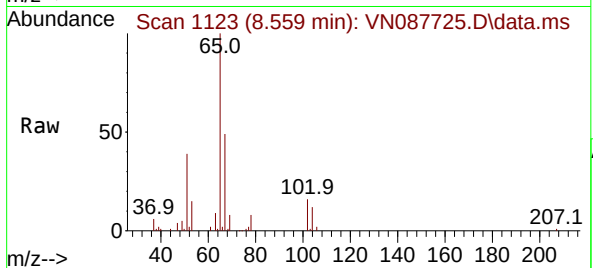
VSTDIC005

Tgt Ion: 65 Resp: 111481

Ion Ratio Lower Upper

65 100

67 51.4 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

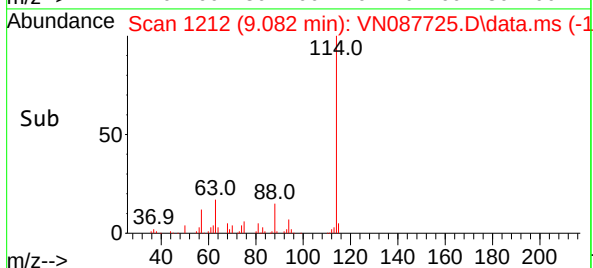
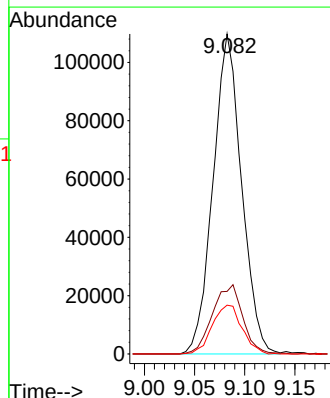
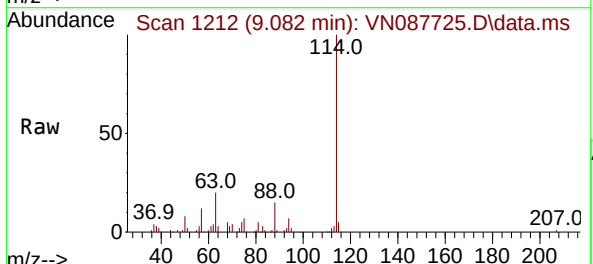
Tgt Ion: 114 Resp: 216859

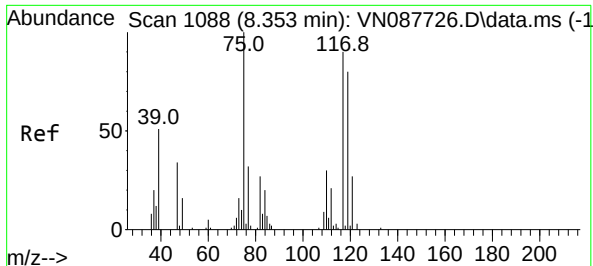
Ion Ratio Lower Upper

114 100

63 22.9 18.3 27.5

88 15.9 12.4 18.6

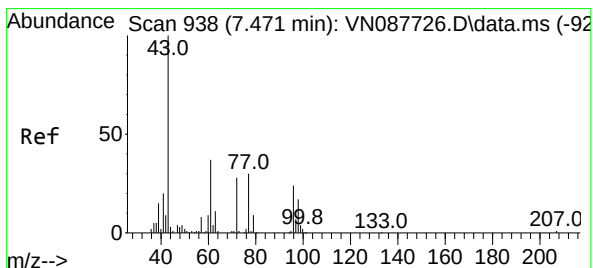
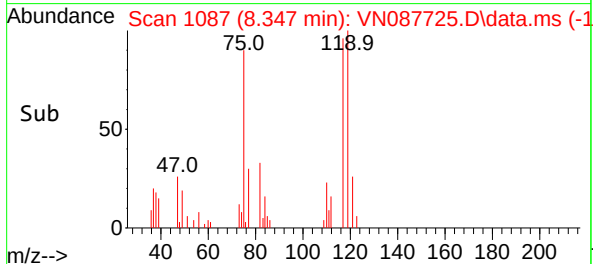
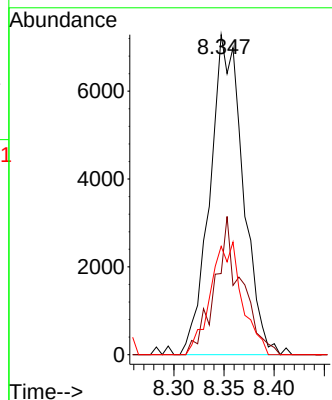
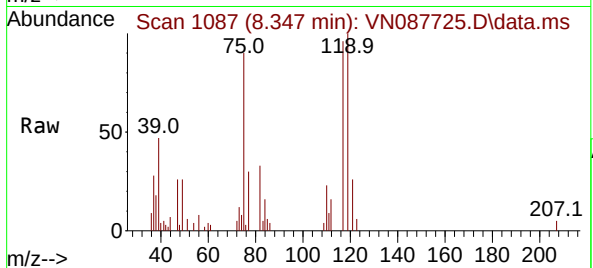




#29
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

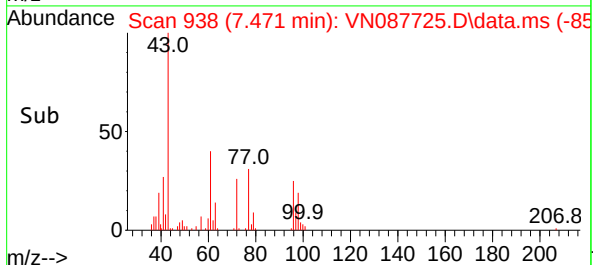
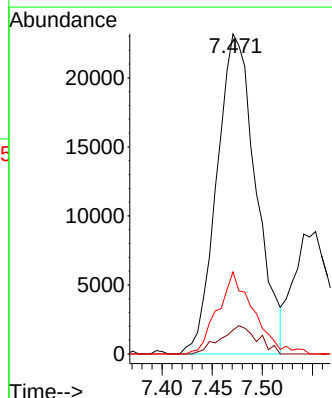
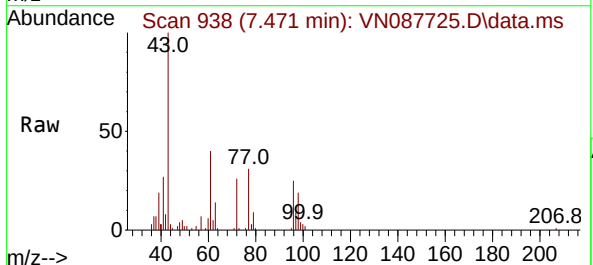
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

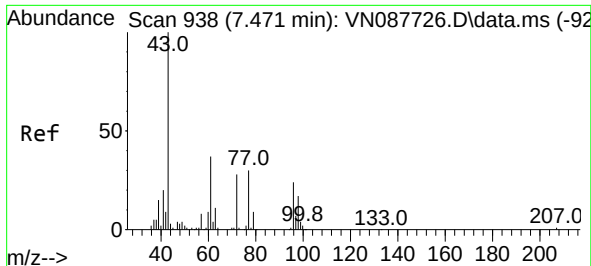
Tgt Ion:	75	Resp:	16714
Ion	Ratio	Lower	Upper
75	100		
110	22.6	0.0	64.4
77	19.5	0.0	62.2



#30
2-Butanone
Concen: 24.948 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:	43	Resp:	62809
Ion	Ratio	Lower	Upper
43	100		
57	7.1	6.3	9.5
72	22.8	21.4	32.2





#31

2,2-Dichloropropane

Concen: 3.028 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

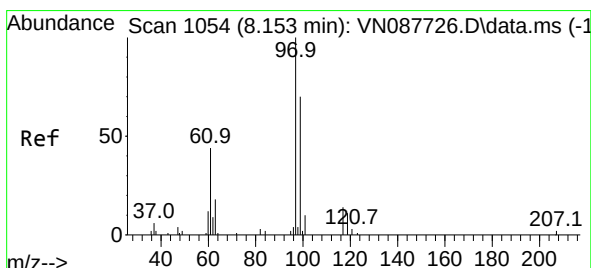
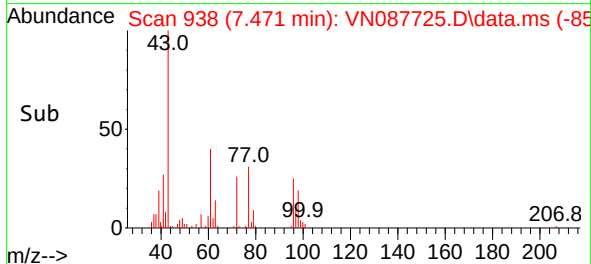
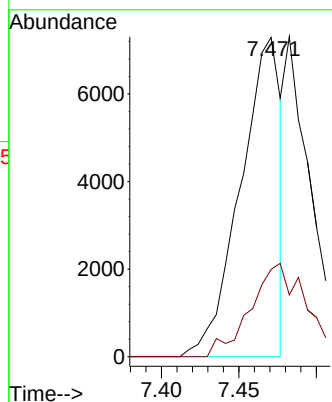
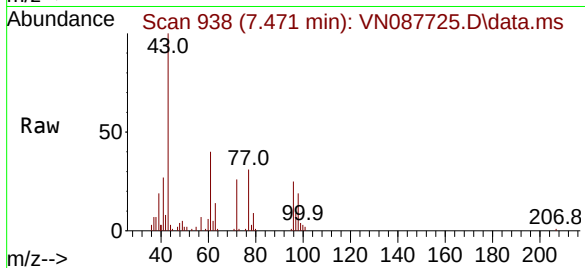
VSTDIC005

Tgt Ion: 77 Resp: 13188

Ion Ratio Lower Upper

77 100

97 36.9 17.1 25.7#



#32

1,1,1-Trichloroethane

Concen: 4.859 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

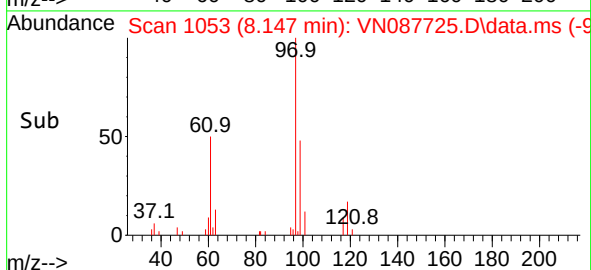
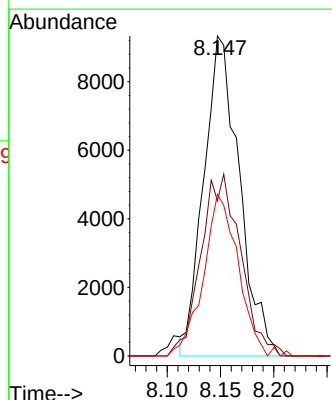
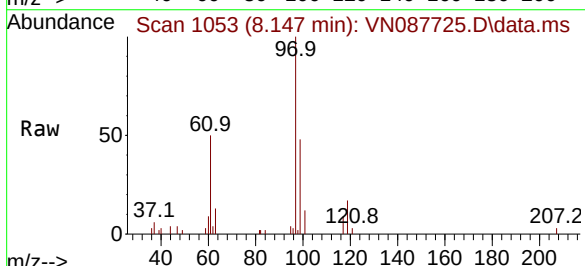
Tgt Ion: 97 Resp: 21664

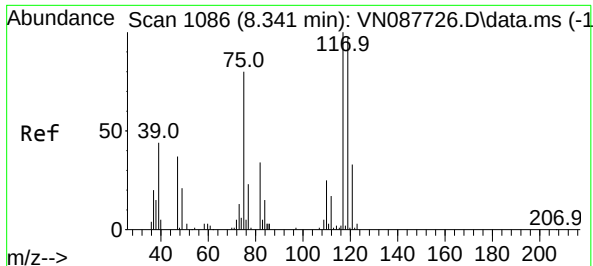
Ion Ratio Lower Upper

97 100

99 63.3 52.2 78.4

61 49.2 37.9 56.9

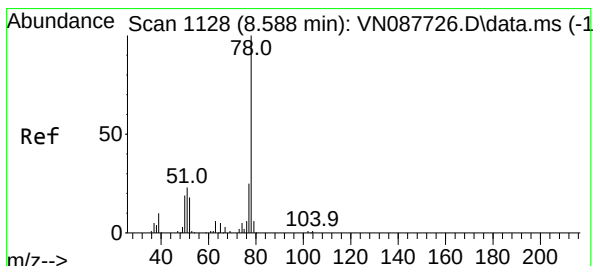
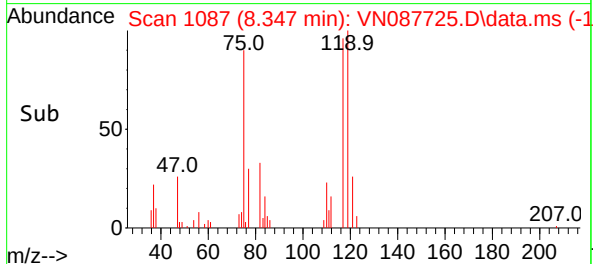
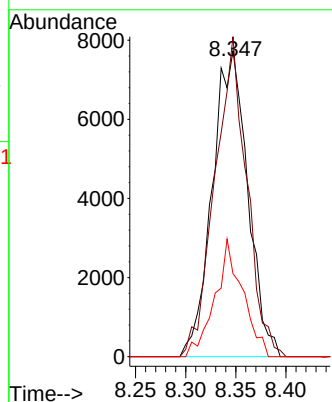
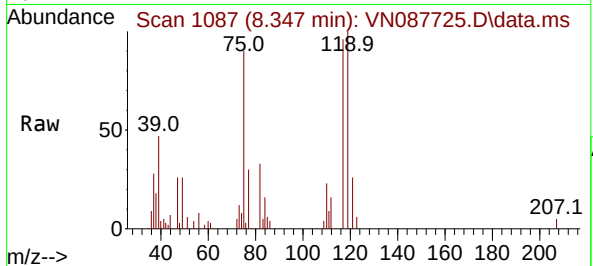




#33
Carbon Tetrachloride
Concen: 5.178 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

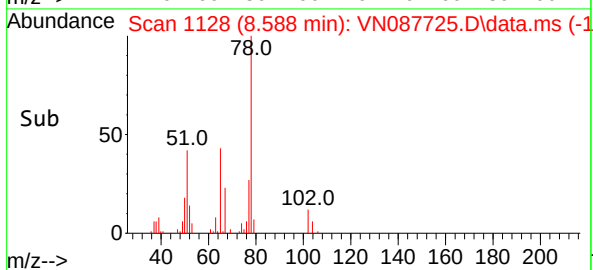
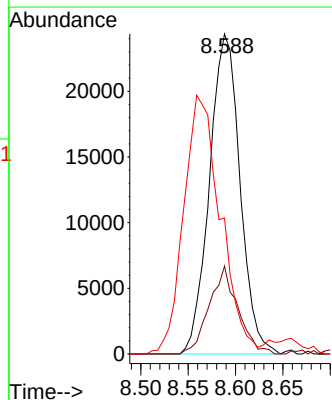
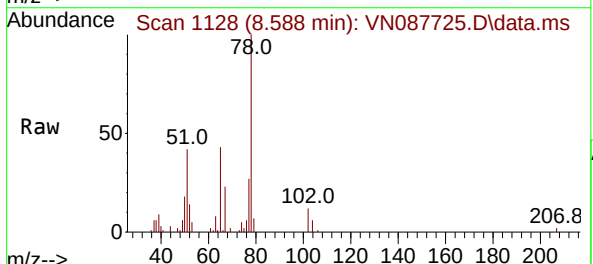
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

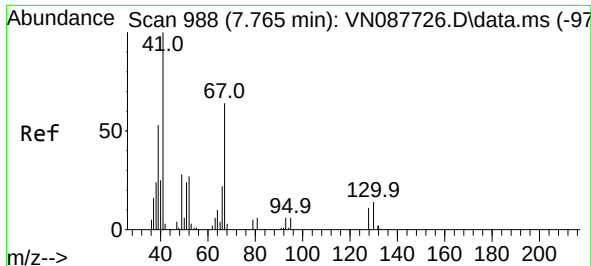
Tgt Ion:117 Resp: 18997
Ion Ratio Lower Upper
117 100
119 104.6 77.3 115.9
121 27.2 26.6 39.8



#34
Benzene
Concen: 4.965 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 78 Resp: 54727
Ion Ratio Lower Upper
78 100
77 27.4 20.3 30.5
51 38.7 18.0 27.0#

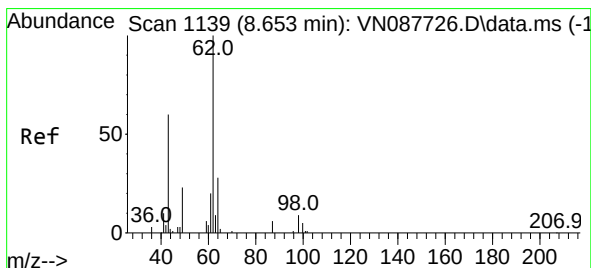
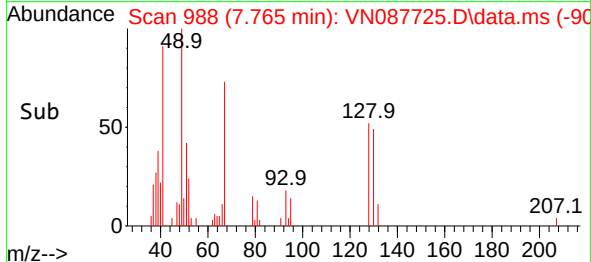
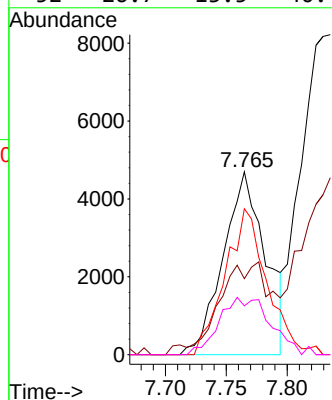
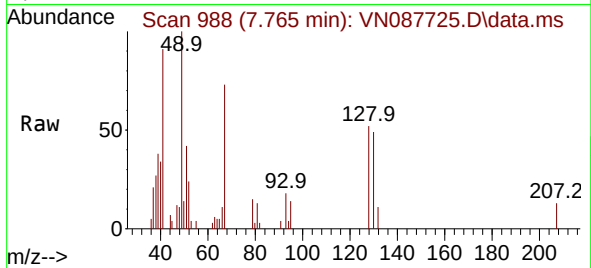




#35
Methacrylonitrile
Concen: 4.140 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

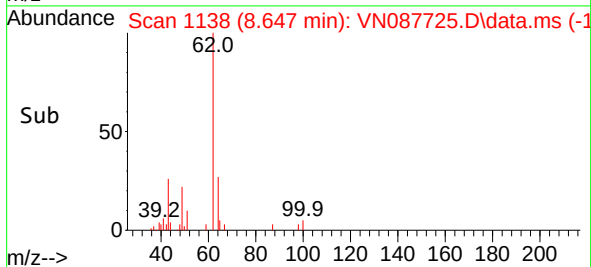
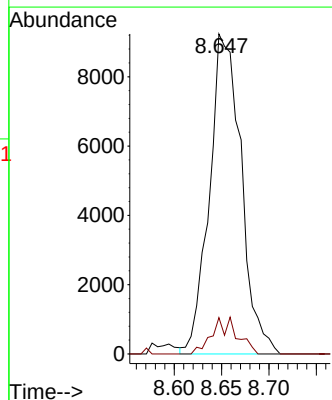
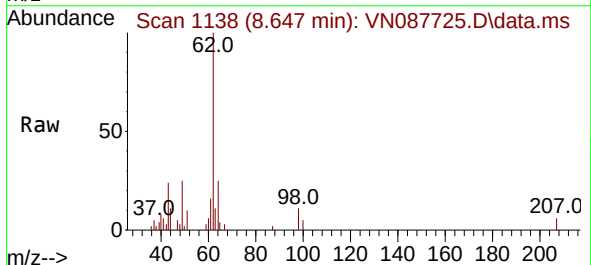
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

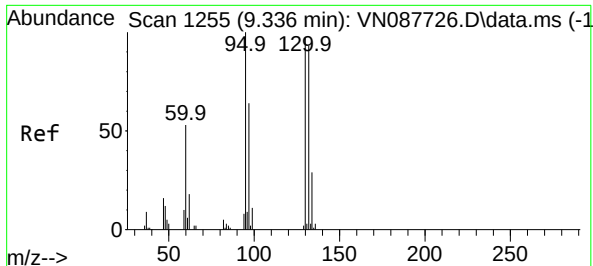
Tgt Ion:	41	Resp:	11323
Ion	Ratio	Lower	Upper
41	100		
39	36.2	27.1	81.2
67	79.7	32.1	96.5
52	26.7	13.5	40.4



#36
1,2-Dichloroethane
Concen: 4.893 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:	62	Resp:	21499
Ion	Ratio	Lower	Upper
62	100		
98	4.8	7.2	10.8





#37

Trichloroethene

Concen: 5.242 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

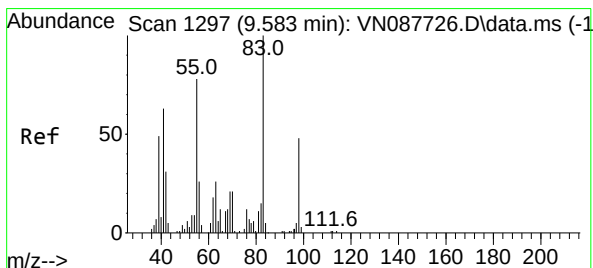
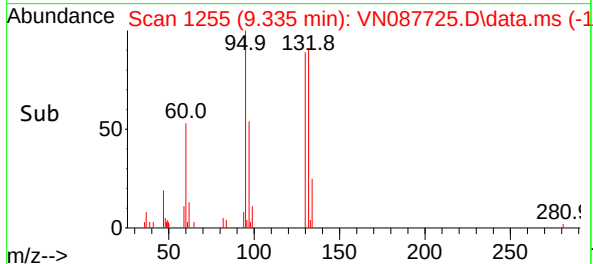
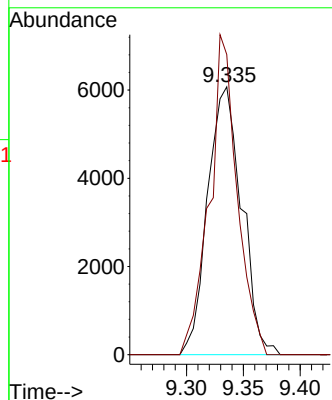
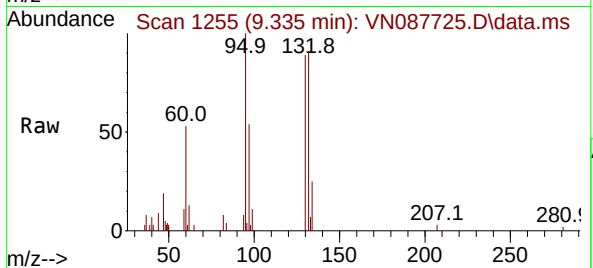
VSTDIC005

Tgt Ion:130 Resp: 12724

Ion Ratio Lower Upper

130 100

95 112.1 82.7 124.1



#38

Methylcyclohexane

Concen: 4.768 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

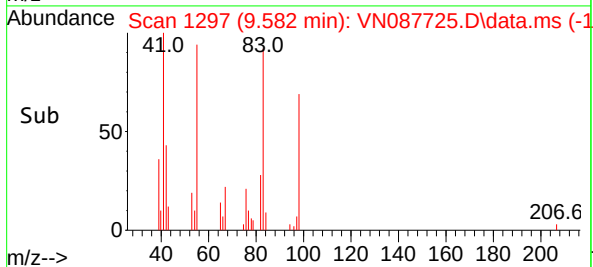
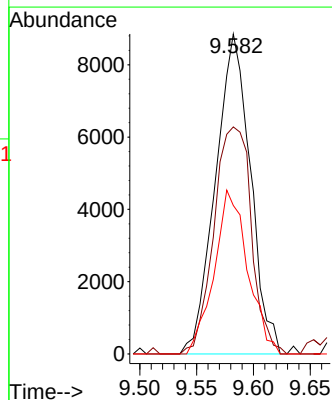
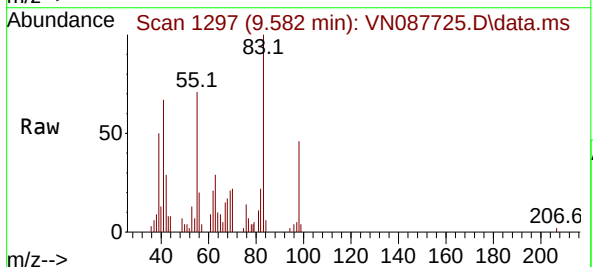
Tgt Ion: 83 Resp: 18908

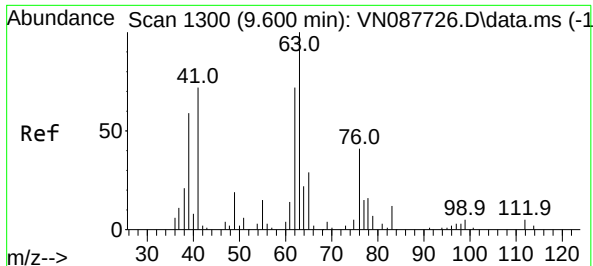
Ion Ratio Lower Upper

83 100

55 76.1 40.4 121.1

98 49.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 5.045 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

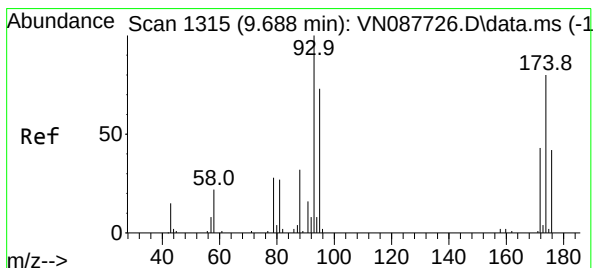
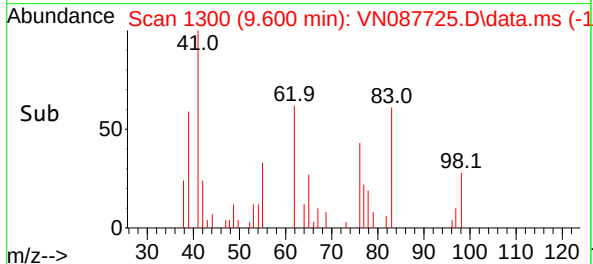
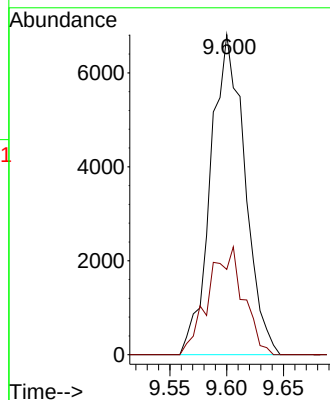
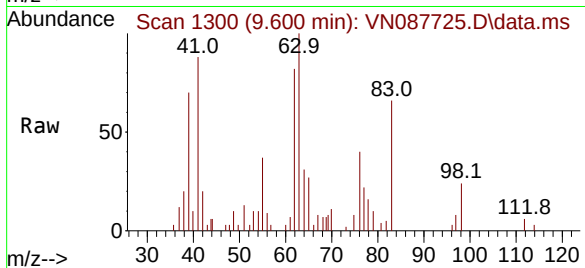
VSTDIC005

Tgt Ion: 63 Resp: 14250

Ion Ratio Lower Upper

63 100

65 26.7 24.1 36.1



#40

Dibromomethane

Concen: 5.143 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

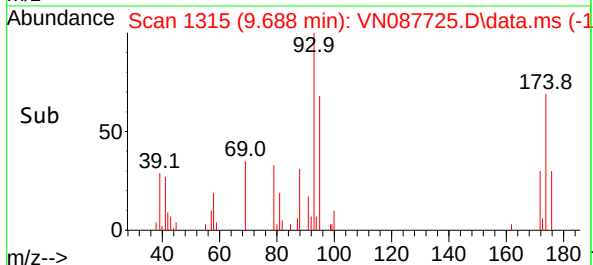
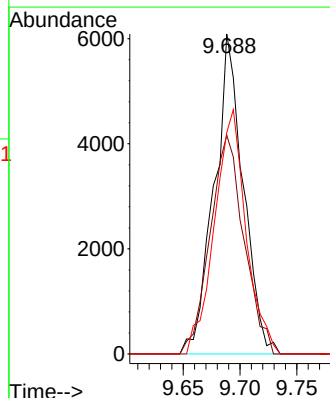
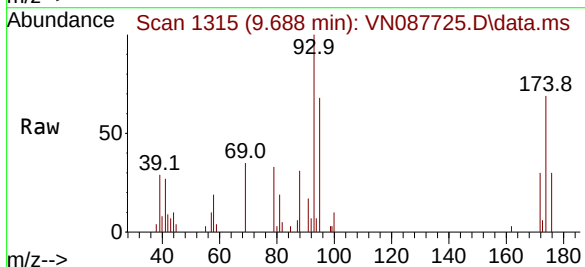
Tgt Ion: 93 Resp: 10862

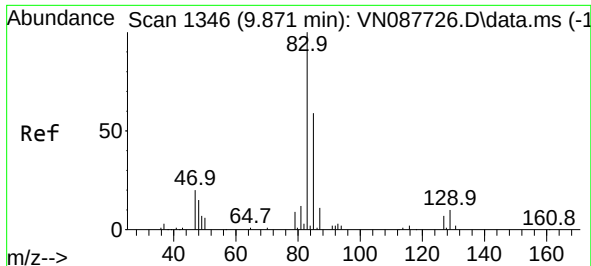
Ion Ratio Lower Upper

93 100

95 79.4 0.0 168.4

174 82.3 0.0 162.8

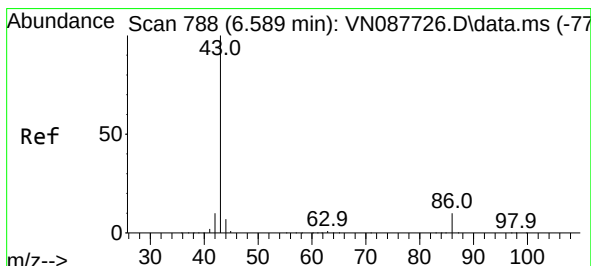
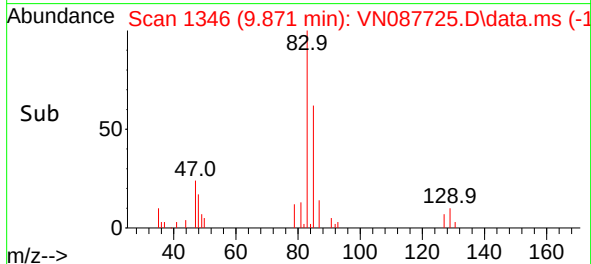
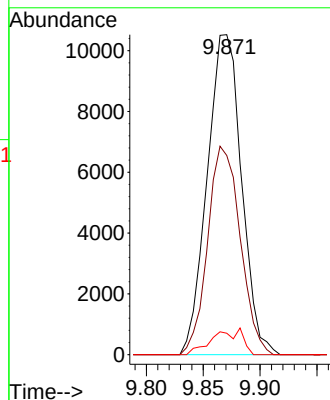
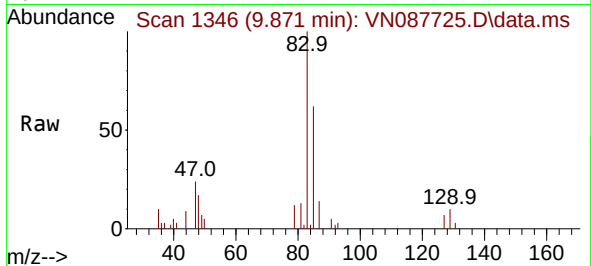




#41
Bromodichloromethane
Concen: 5.018 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

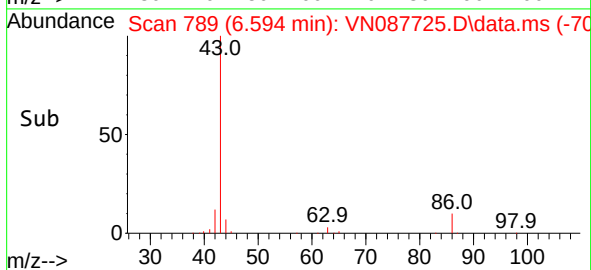
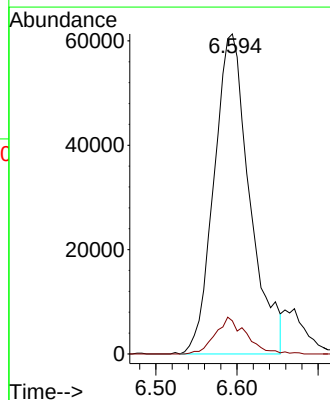
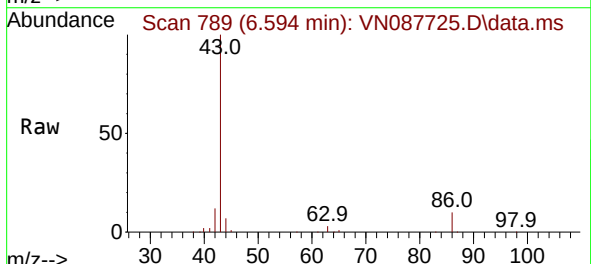
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

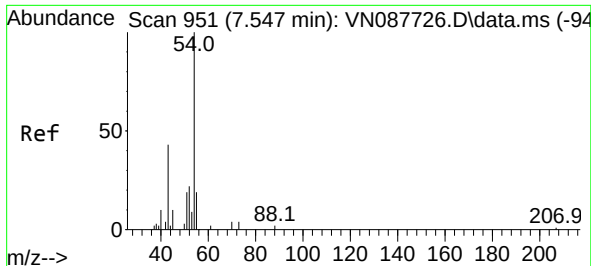
Tgt Ion:	83	Resp:	22133
Ion	Ratio	Lower	Upper
83	100		
85	62.3	47.3	70.9
127	6.7	5.2	7.8



#42
Vinyl Acetate
Concen: 22.588 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:	43	Resp:	187082
Ion	Ratio	Lower	Upper
43	100		
86	6.7	7.7	11.5#

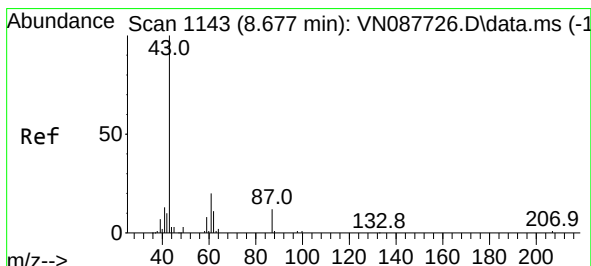
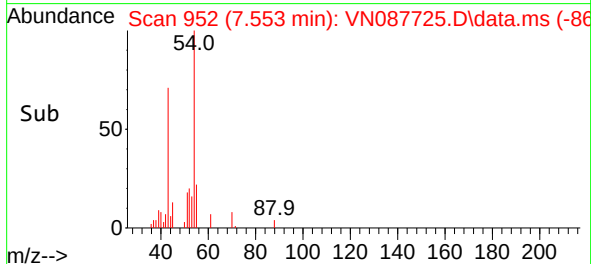
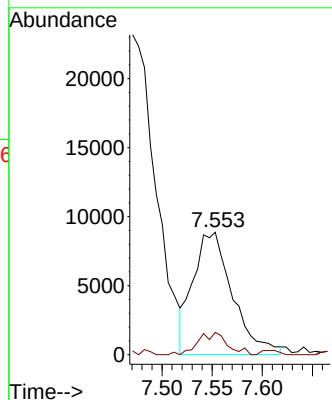
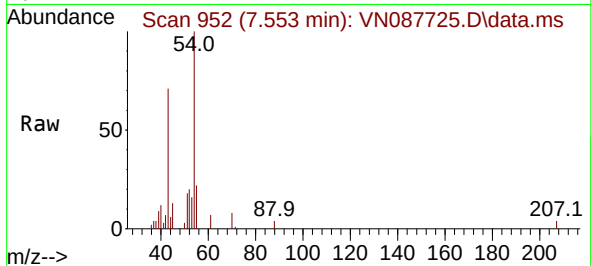




#43
Ethyl Acetate
Concen: 4.902 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

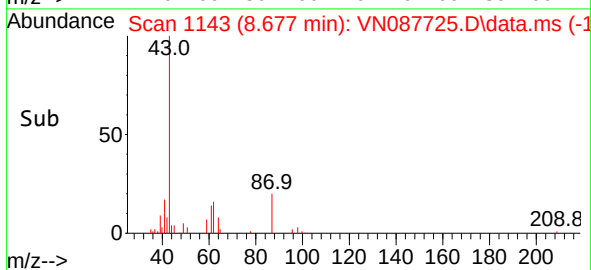
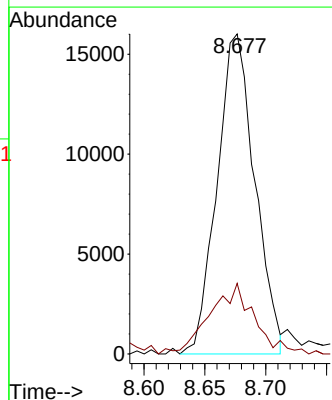
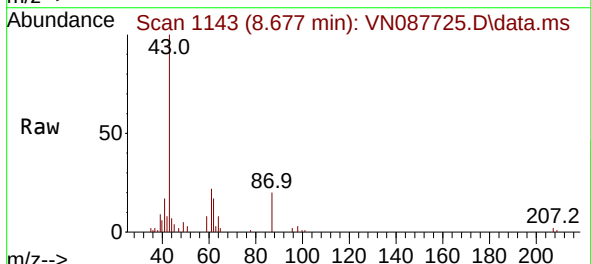
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

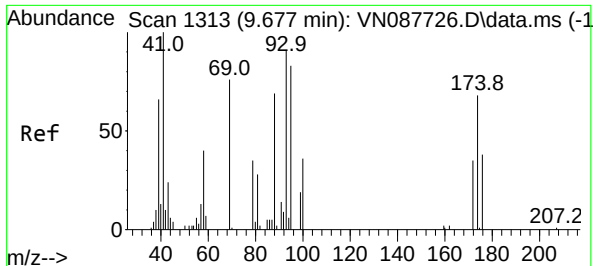
Tgt Ion: 43 Resp: 24321
Ion Ratio Lower Upper
43 100
45 12.3 10.5 15.7



#44
Isopropyl Acetate
Concen: 4.192 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 43 Resp: 34598
Ion Ratio Lower Upper
43 100
61 10.9 19.5 29.3#

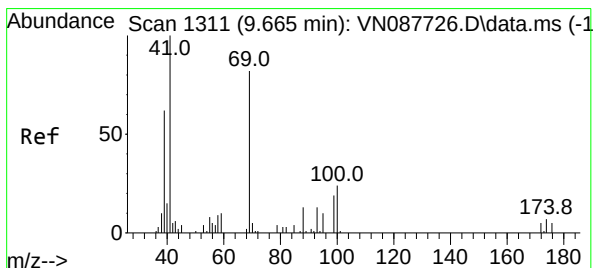
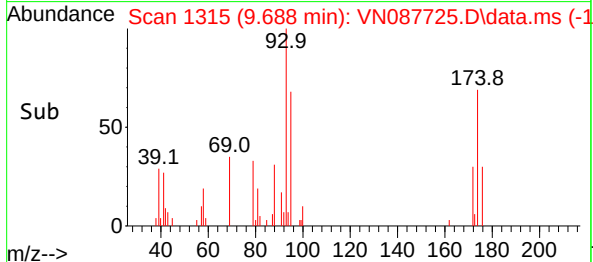
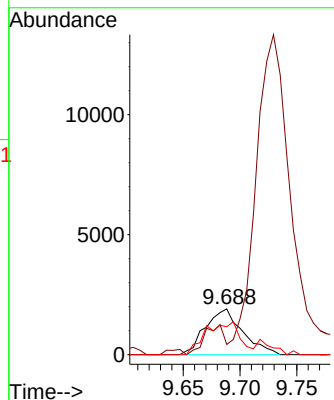
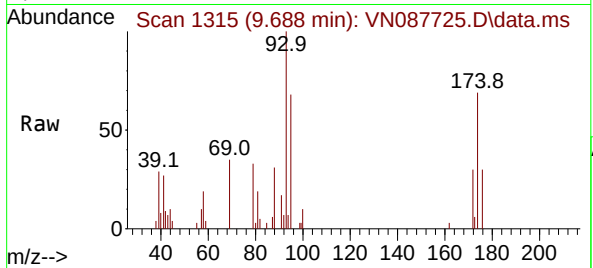




#45
1,4-Dioxane
Concen: 82.302 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

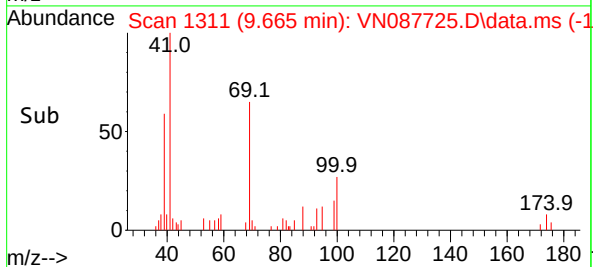
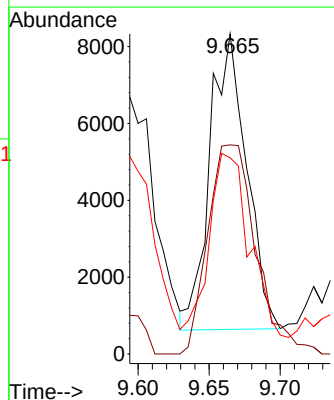
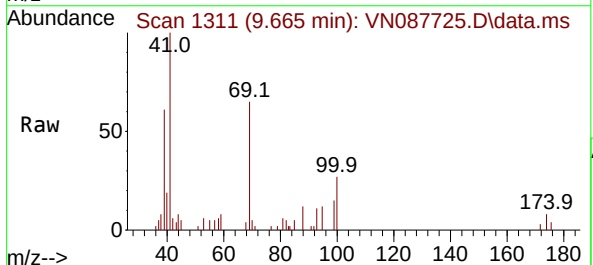
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

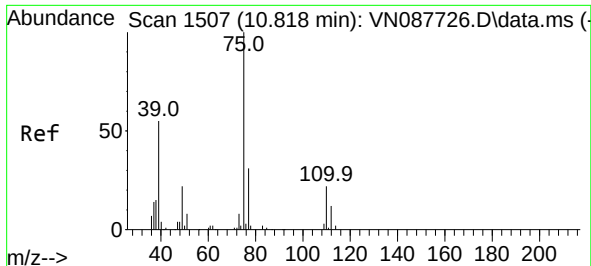
Tgt Ion: 88 Resp: 4349
Ion Ratio Lower Upper
88 100
43 34.6 23.6 35.4
58 21.3 60.5 90.7#



#46
Methyl methacrylate
Concen: 3.575 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 41 Resp: 13812
Ion Ratio Lower Upper
41 100
69 71.0 40.3 120.9
39 60.1 31.9 95.9

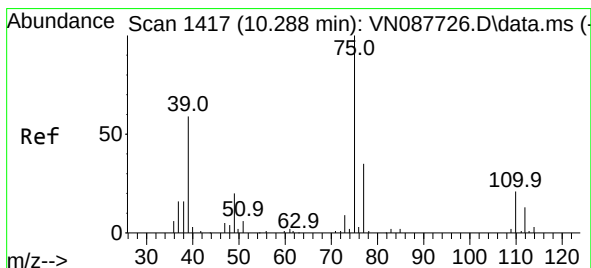
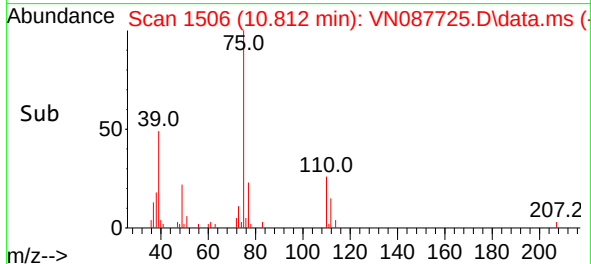
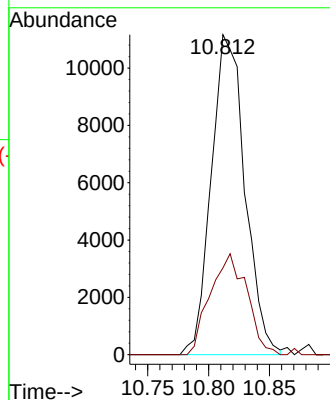
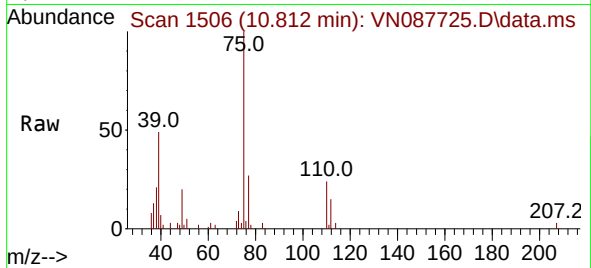




#48
t-1,3-Dichloropropene
Concen: 4.564 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

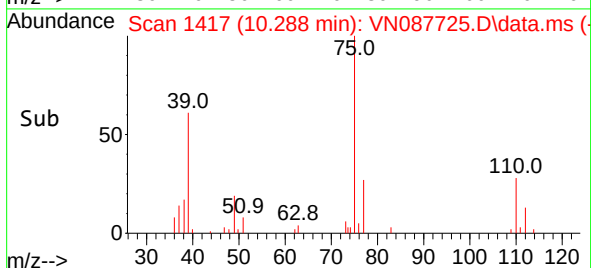
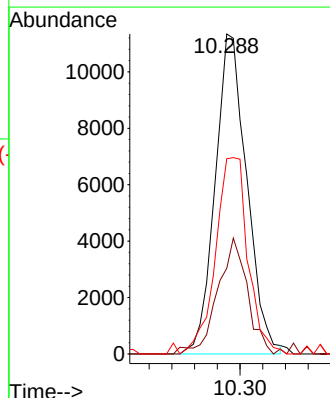
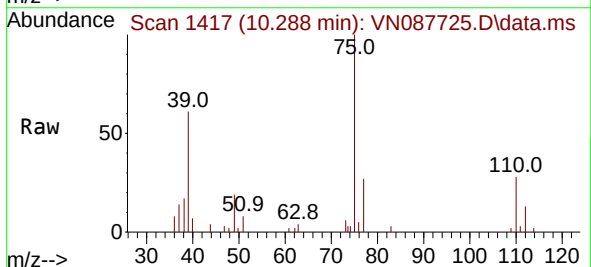
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

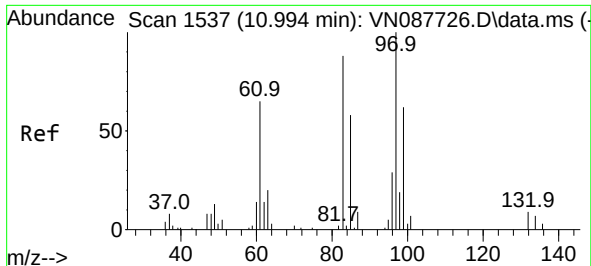
Tgt Ion: 75 Resp: 21459
Ion Ratio Lower Upper
75 100
77 27.1 24.7 37.1



#49
cis-1,3-Dichloropropene
Concen: 4.623 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 75 Resp: 21937
Ion Ratio Lower Upper
75 100
77 25.2 27.8 41.6#
39 61.0 47.6 71.4

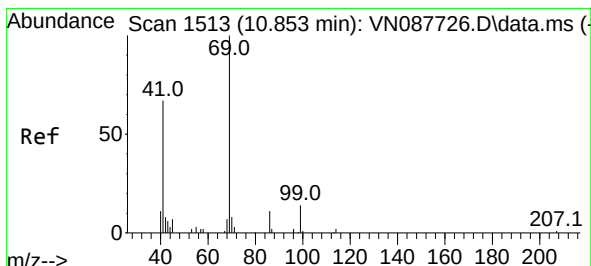
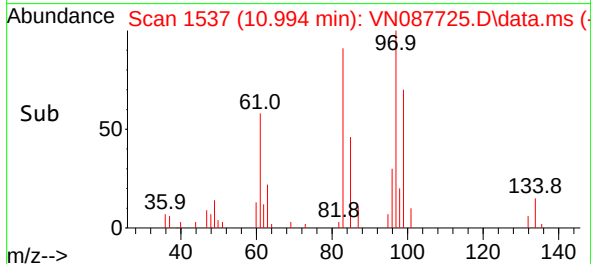
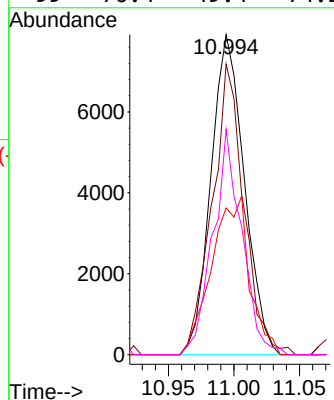
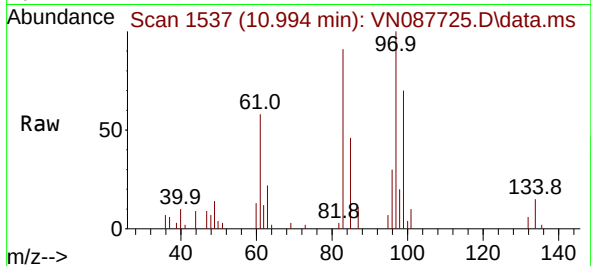




#50
1,1,2-Trichloroethane
Concen: 5.222 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

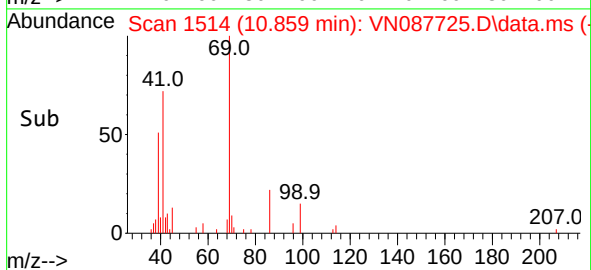
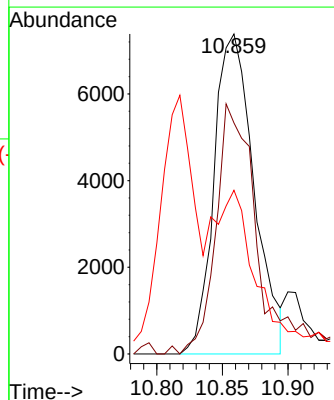
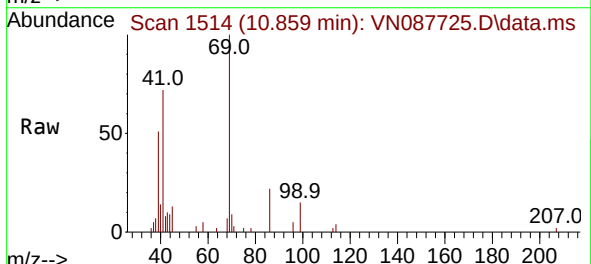
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

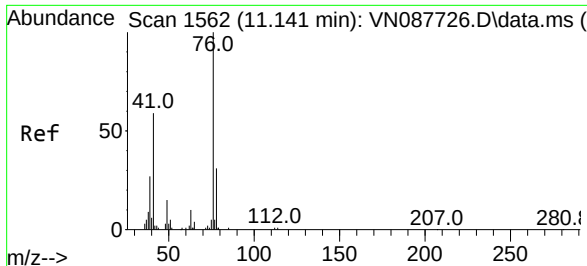
Tgt Ion:	97	Resp:	14010
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.5	105.7
85	45.9	46.3	69.5#
99	70.4	49.4	74.2



#51
Ethyl methacrylate
Concen: 3.425 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:	69	Resp:	15678
Ion	Ratio	Lower	Upper
69	100		
41	72.2	33.7	101.0
39	41.3	20.3	60.9

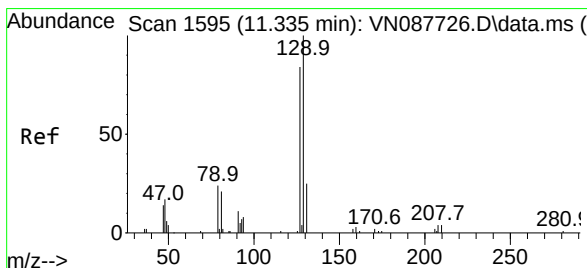
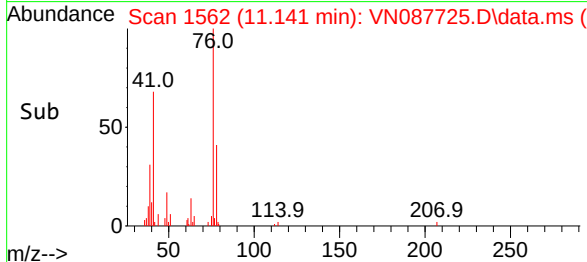
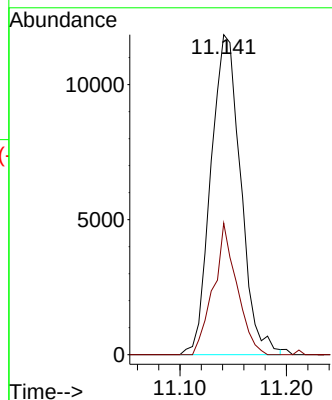
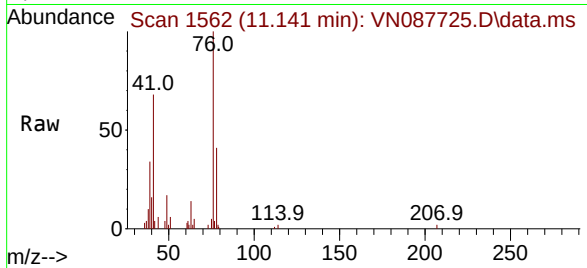




#52
1,3-Dichloropropane
Concen: 4.782 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

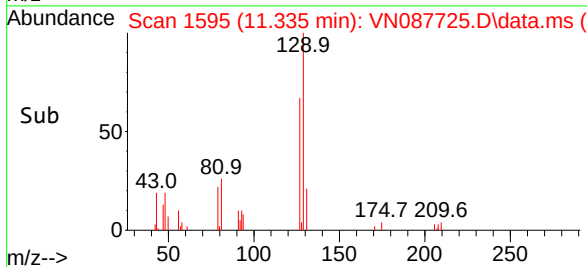
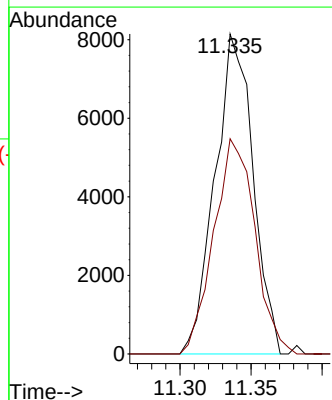
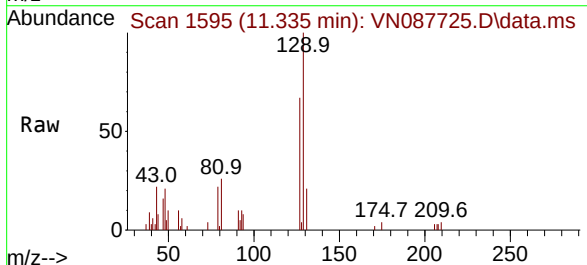
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

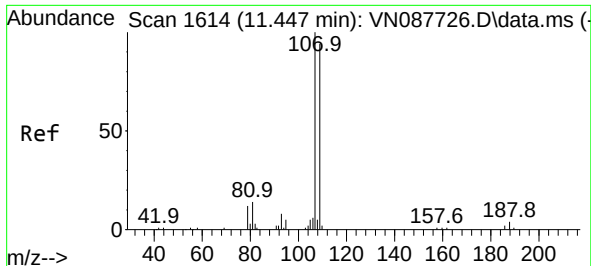
Tgt Ion: 76 Resp: 23001
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.2



#53
Dibromochloromethane
Concen: 4.974 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 129 Resp: 15190
Ion Ratio Lower Upper
129 100
127 72.6 42.6 128.0

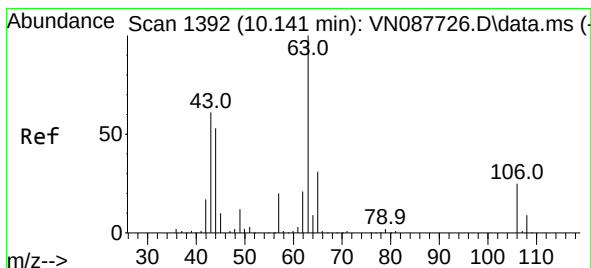
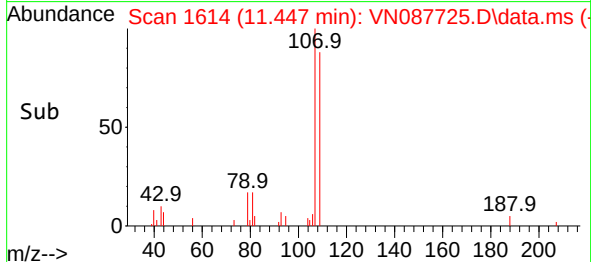
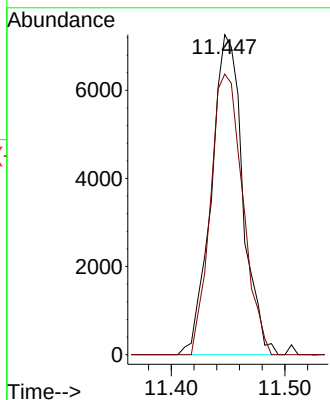
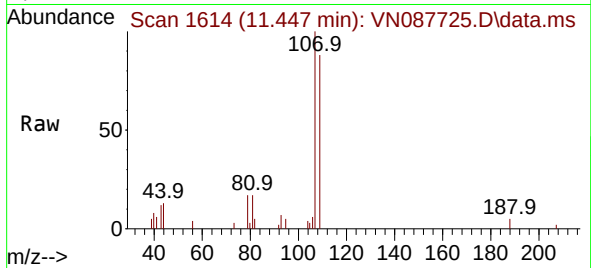




#54
1,2-Dibromoethane
Concen: 4.937 ug/l
RT: 11.447 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

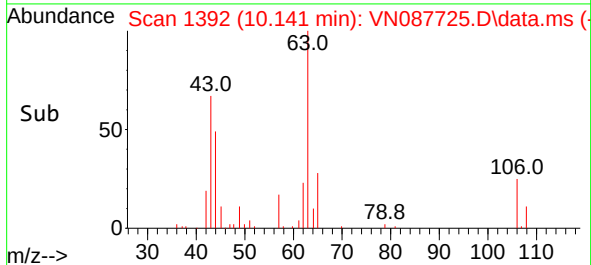
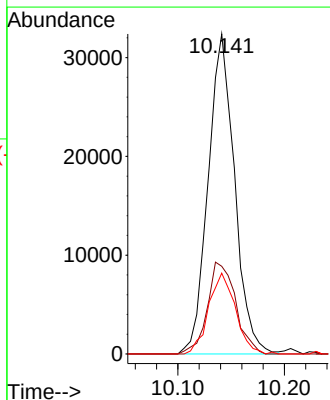
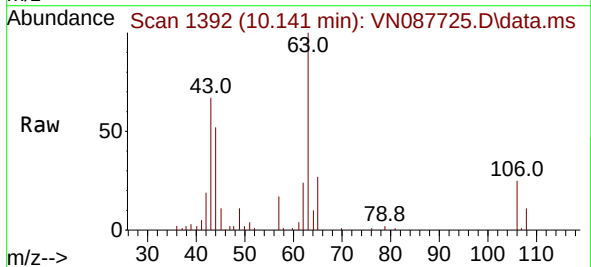
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

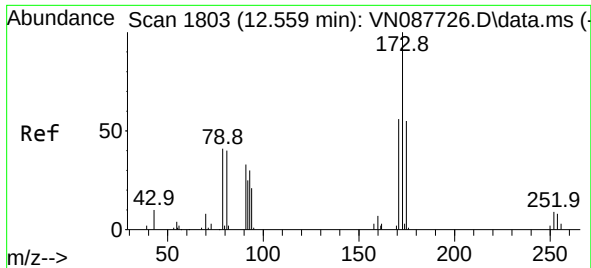
Tgt Ion:107 Resp: 13958
Ion Ratio Lower Upper
107 100
109 90.3 74.6 112.0



#55
2-Chloroethyl vinyl ether
Concen: 22.629 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 63 Resp: 55971
Ion Ratio Lower Upper
63 100
65 30.4 26.6 40.0
106 25.5 21.1 31.7

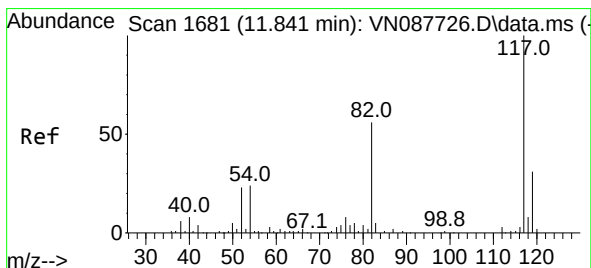
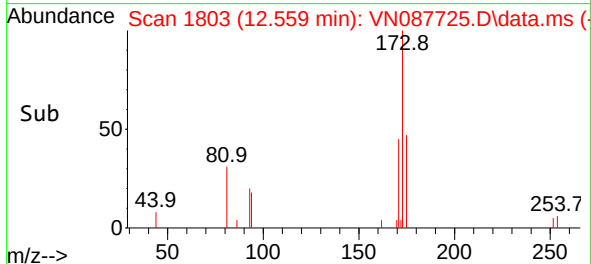
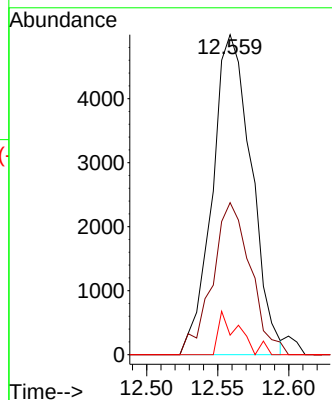
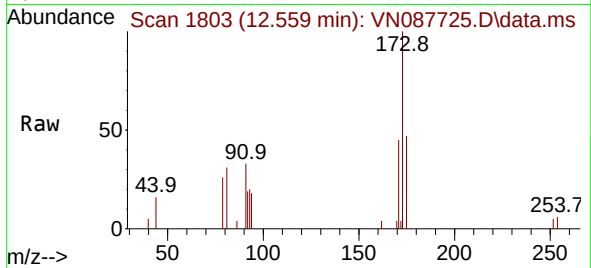




#56
Bromoform
Concen: 4.732 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

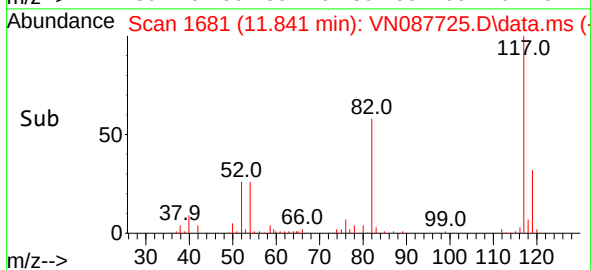
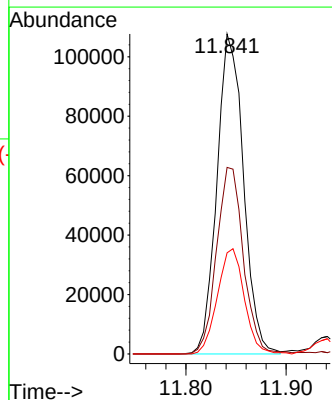
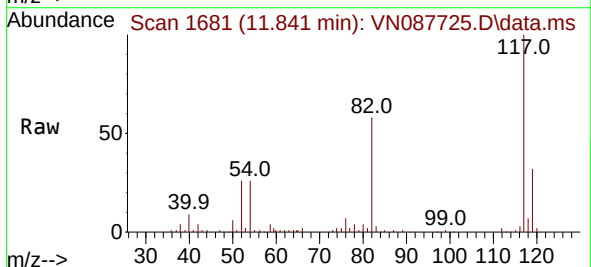
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

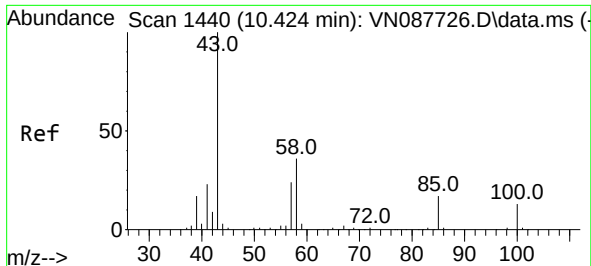
Tgt Ion:173 Resp: 9575
Ion Ratio Lower Upper
173 100
175 46.5 39.8 59.6
254 3.6 6.2 9.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:117 Resp: 197903
Ion Ratio Lower Upper
117 100
82 59.0 45.9 68.9
119 33.2 25.3 37.9

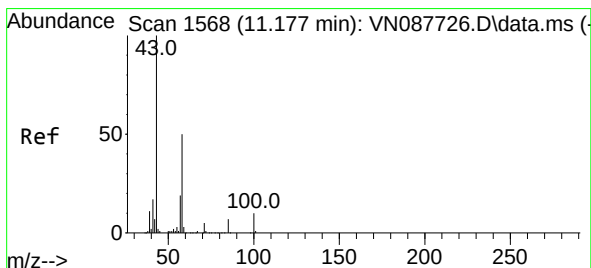
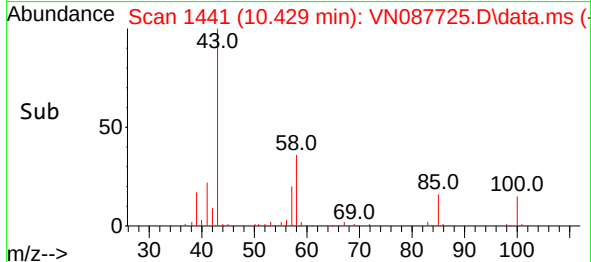
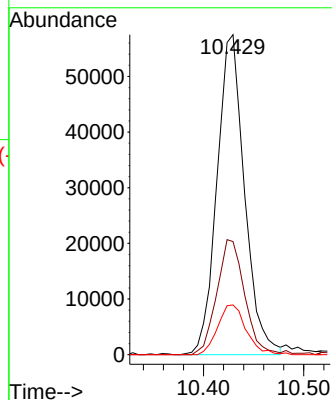
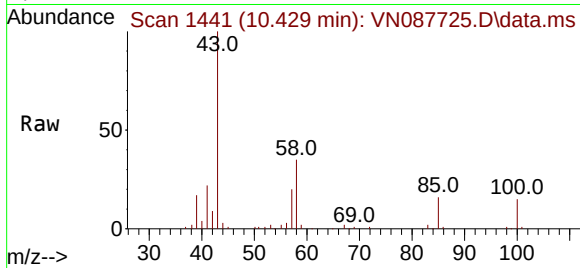




#58
4-Methyl-2-Pentanone
Concen: 22.421 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

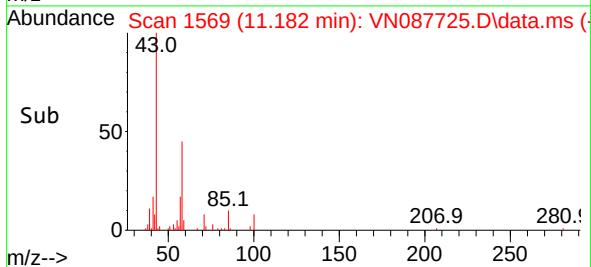
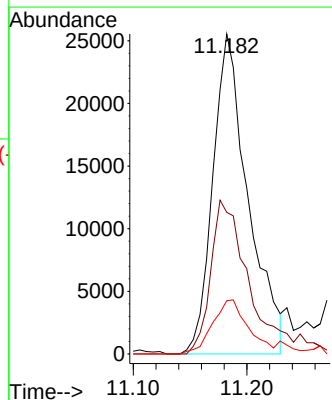
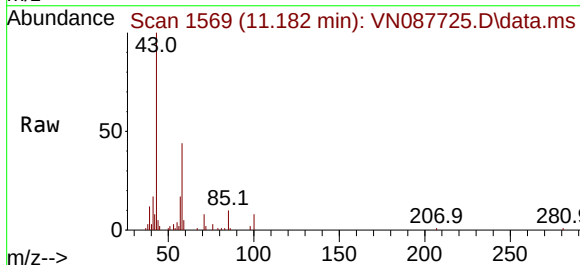
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

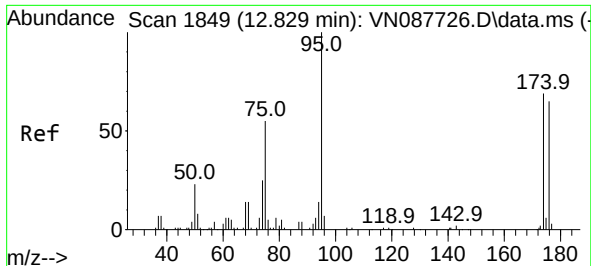
Tgt Ion:	43	Resp:	109790
Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.6	44.4
85	16.0	13.0	19.4



#59
2-Hexanone
Concen: 16.623 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:	43	Resp:	55125
Ion	Ratio	Lower	Upper
43	100		
58	50.7	40.2	60.4
57	17.1	13.7	20.5

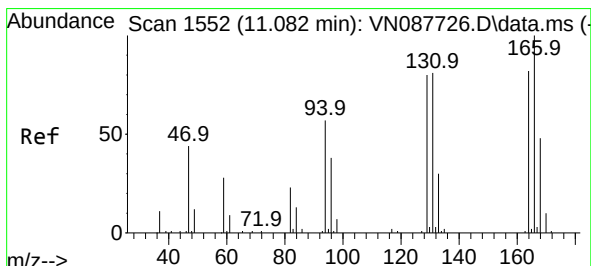
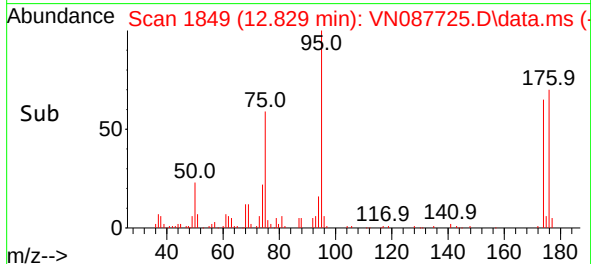
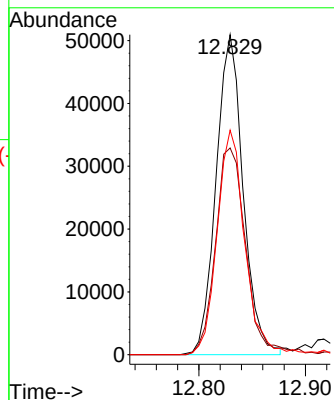
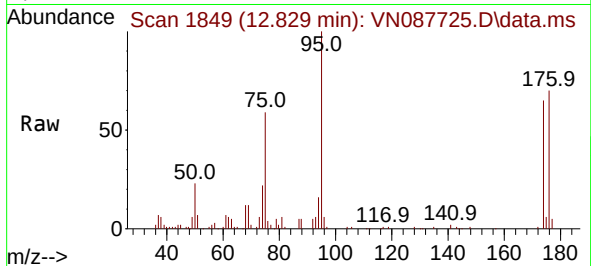




#60
4-Bromofluorobenzene
Concen: 26.721 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

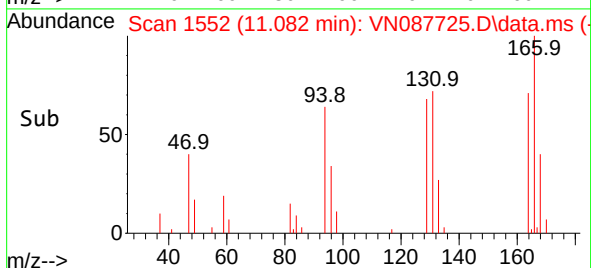
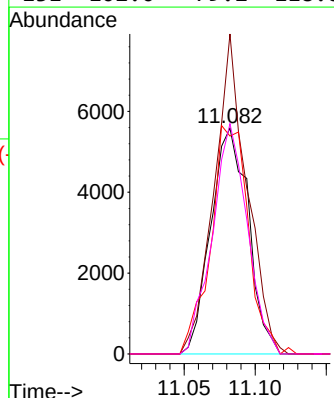
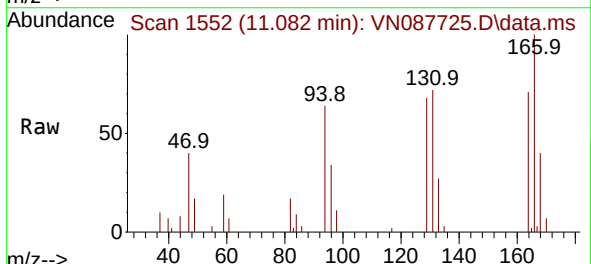
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

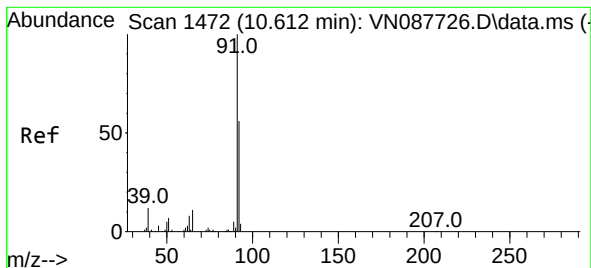
Tgt Ion: 95 Resp: 89929
Ion Ratio Lower Upper
95 100
174 70.0 55.4 83.0
176 71.1 51.5 77.3



#61
Tetrachloroethene
Concen: 5.392 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:164 Resp: 10301
Ion Ratio Lower Upper
164 100
166 141.8 97.3 145.9
129 96.6 78.6 117.8
131 102.0 79.2 118.8





#62

Toluene

Concen: 4.722 ug/l

RT: 10.606 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

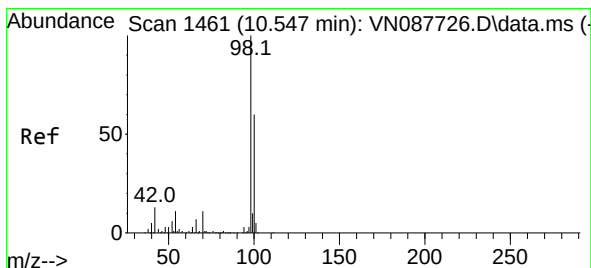
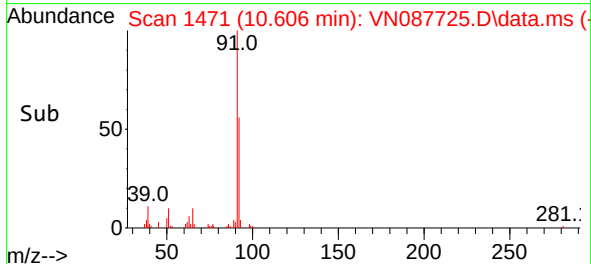
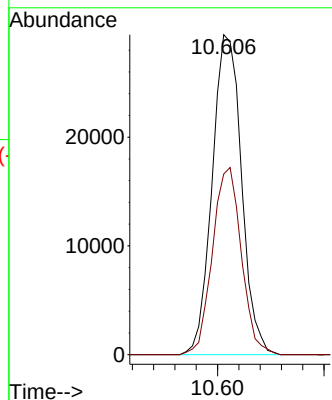
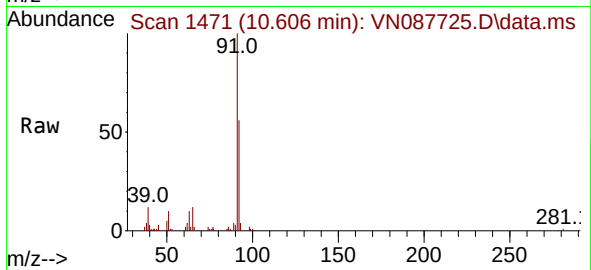
VSTDIC005

Tgt Ion: 91 Resp: 56231

Ion Ratio Lower Upper

91 100

92 57.5 45.4 68.0



#63

Toluene-d8

Concen: 30.356 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087725.D

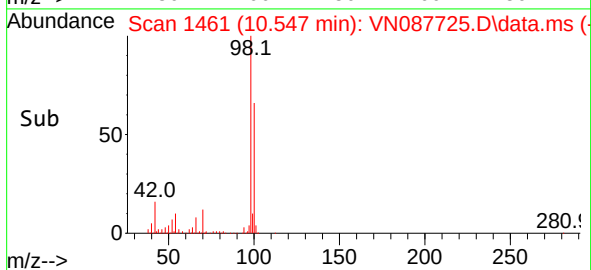
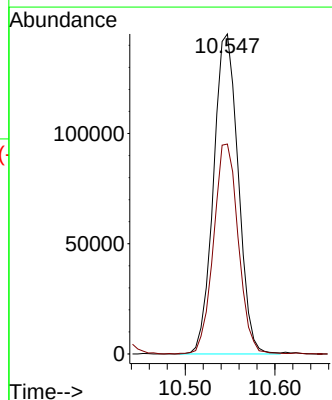
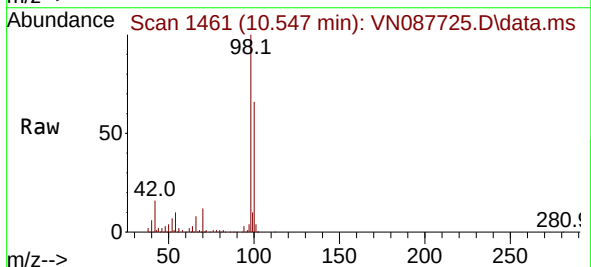
Acq: 04 Sep 2025 16:23

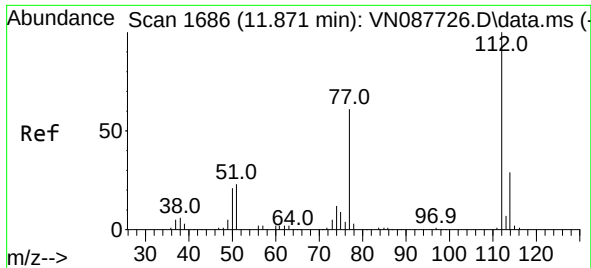
Tgt Ion: 98 Resp: 277568

Ion Ratio Lower Upper

98 100

100 65.7 50.6 76.0

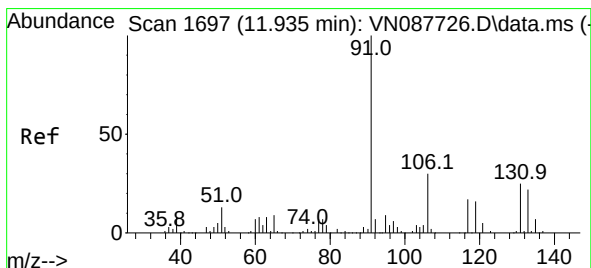
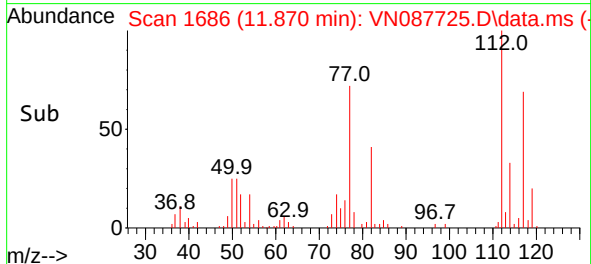
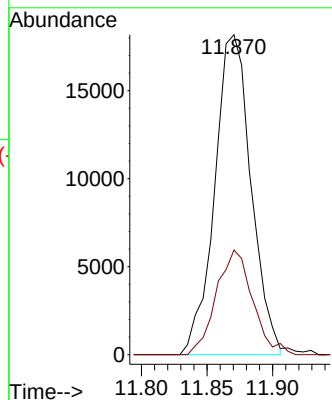
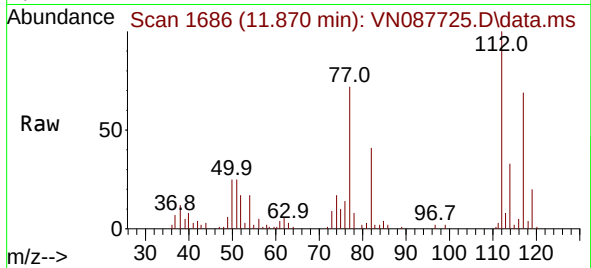




#64
Chlorobenzene
Concen: 4.801 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

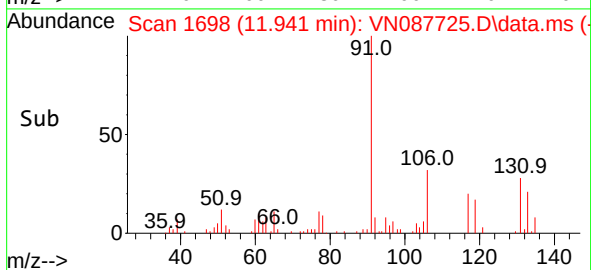
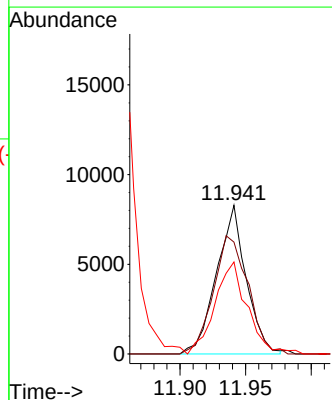
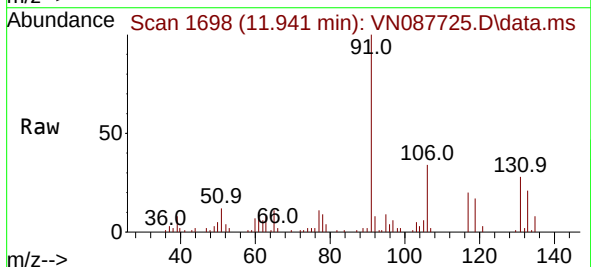
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

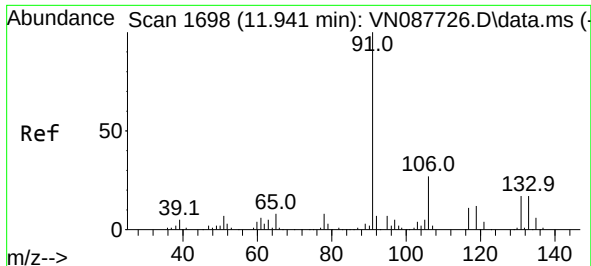
Tgt Ion:112 Resp: 35078
Ion Ratio Lower Upper
112 100
114 32.7 23.5 35.3



#65
1,1,1,2-Tetrachloroethane
Concen: 5.065 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:131 Resp: 13029
Ion Ratio Lower Upper
131 100
133 92.9 0.0 195.8
119 66.0 0.0 139.0

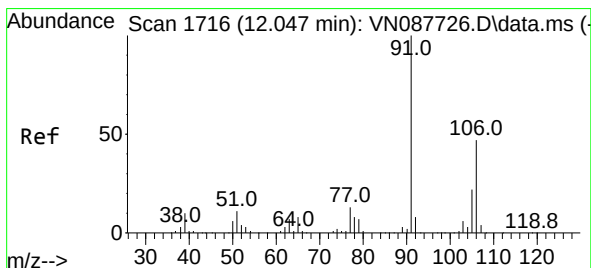
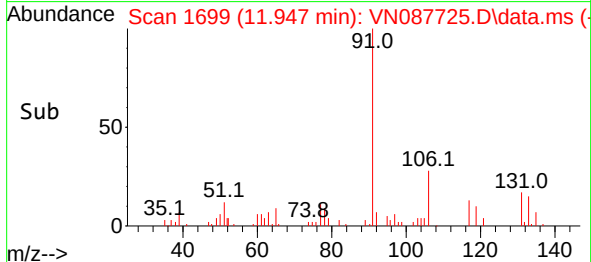
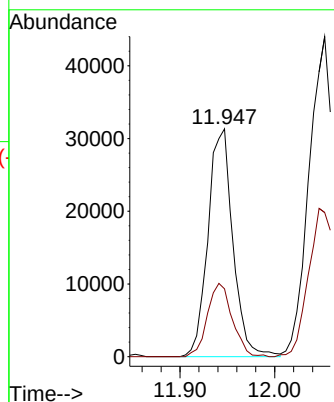
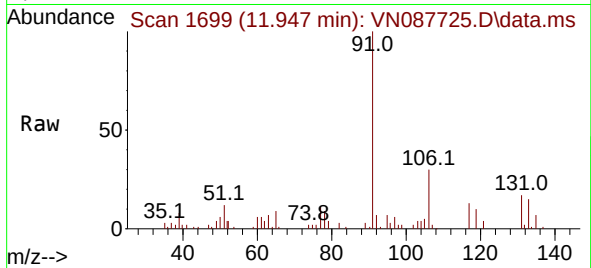




#66
Ethyl Benzene
Concen: 4.362 ug/l
RT: 11.947 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

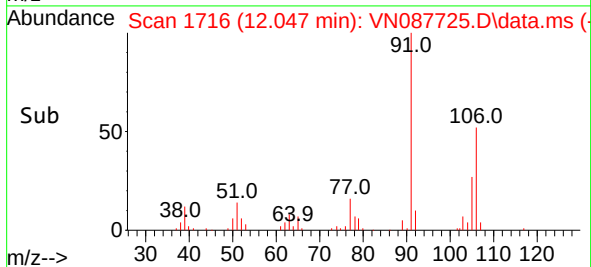
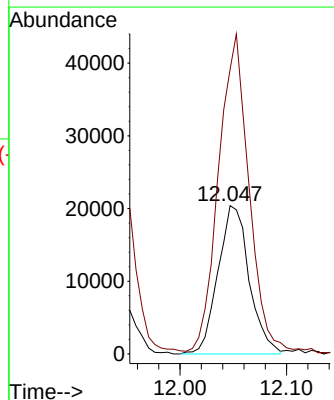
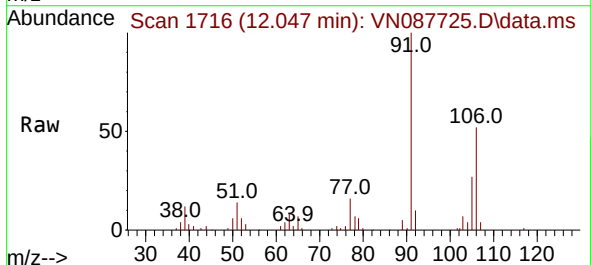
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

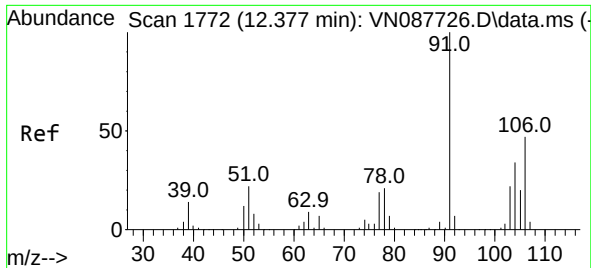
Tgt Ion: 91 Resp: 57255
Ion Ratio Lower Upper
91 100
106 29.8 21.3 31.9



#67
m/p-Xylenes
Concen: 8.594 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 106 Resp: 41515
Ion Ratio Lower Upper
106 100
91 212.4 174.3 261.5

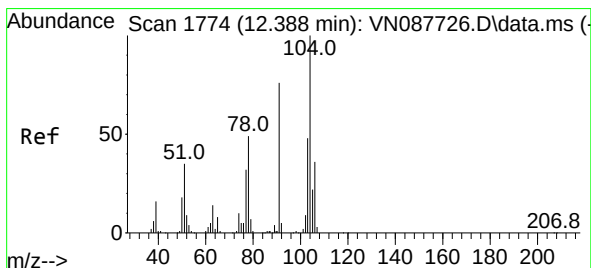
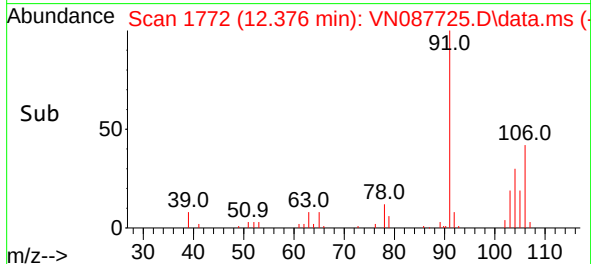
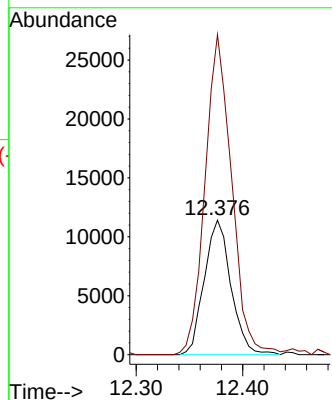
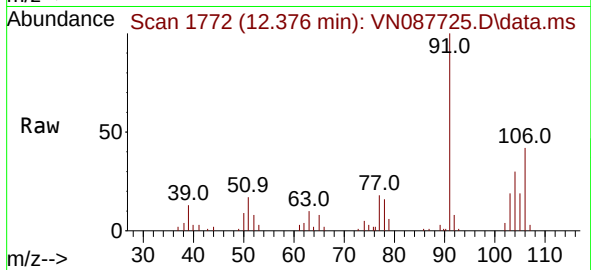




#68
o-Xylene
Concen: 4.176 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

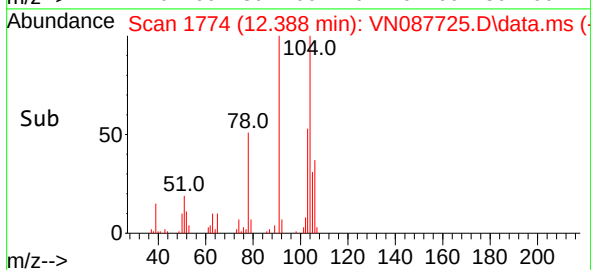
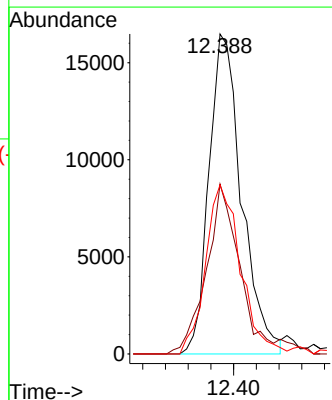
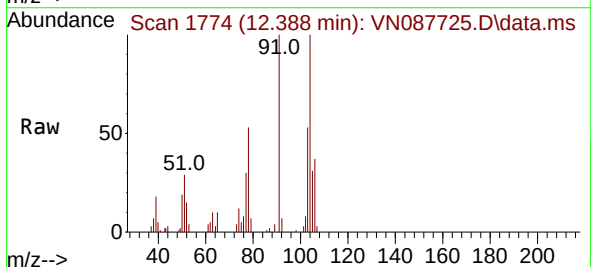
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

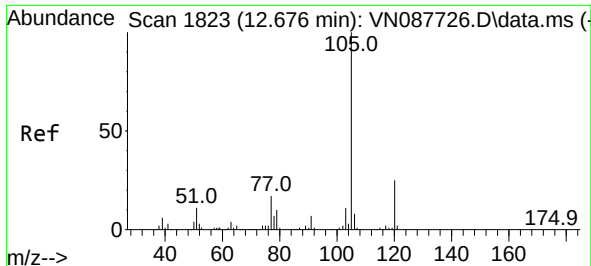
Tgt Ion:106 Resp: 19899
Ion Ratio Lower Upper
106 100
91 236.6 107.7 323.3



#69
Styrene
Concen: 4.057 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:104 Resp: 32885
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 56.5 44.6 66.8

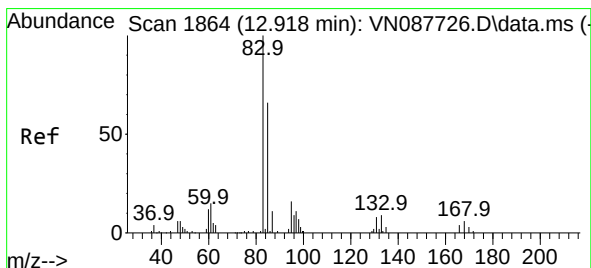
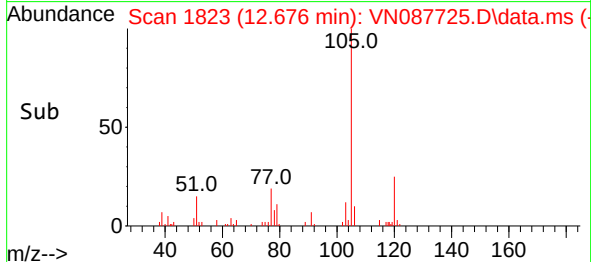
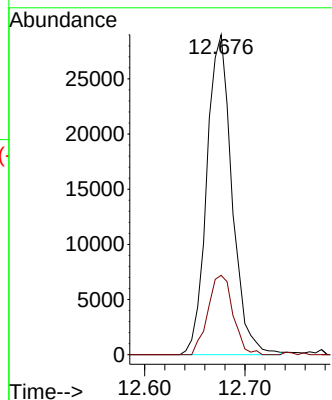
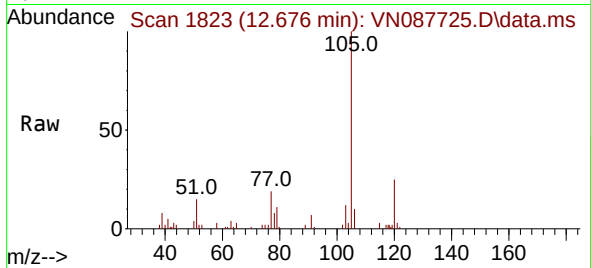




#70
Isopropylbenzene
Concen: 4.232 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

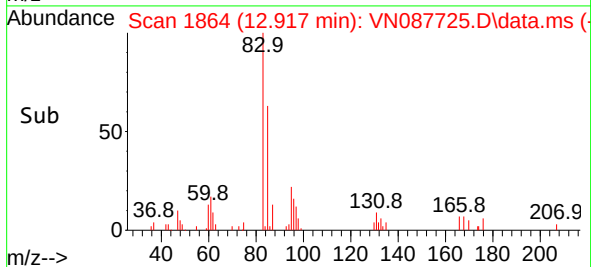
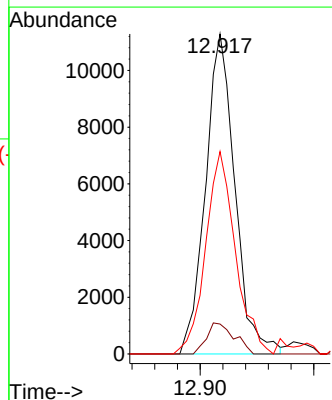
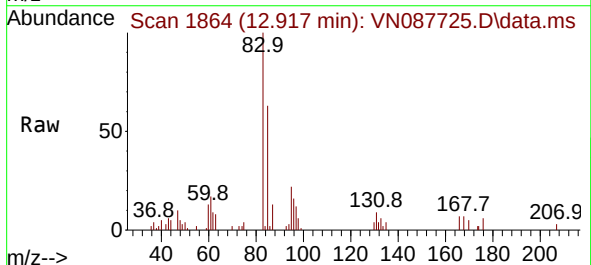
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

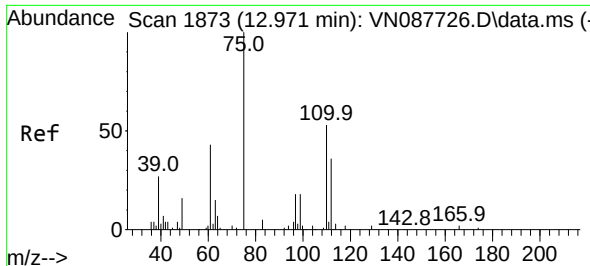
Tgt Ion:105 Resp: 50734
Ion Ratio Lower Upper
105 100
120 24.3 17.4 32.4



#71
1,1,2,2-Tetrachloroethane
Concen: 4.858 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 83 Resp: 20319
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.9 31.9 95.7

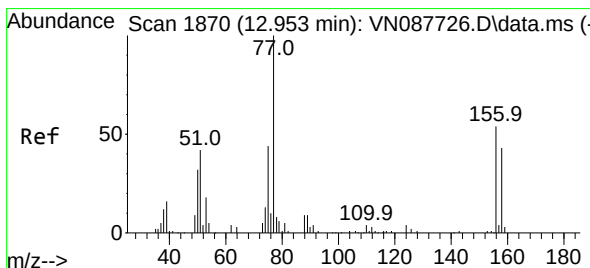
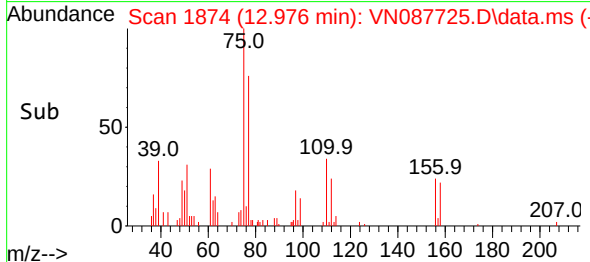
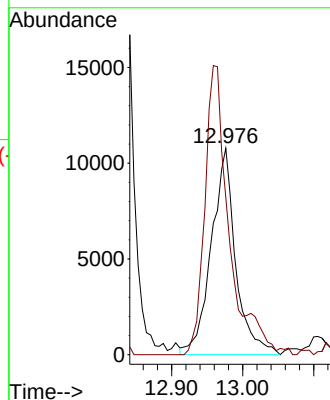
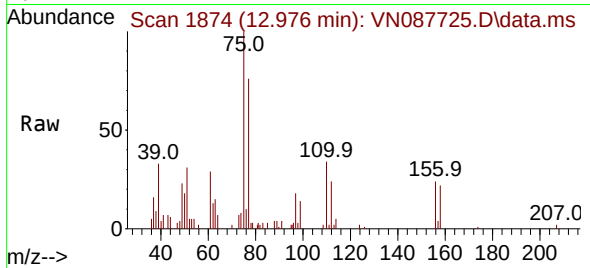




#72
1,2,3-Trichloropropane
Concen: 6.578 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

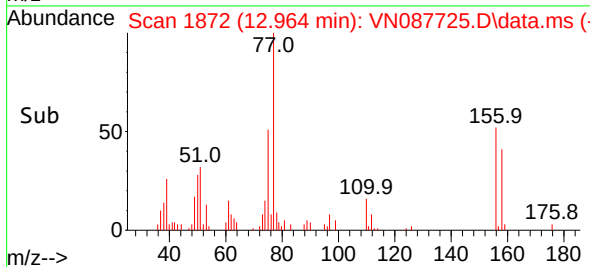
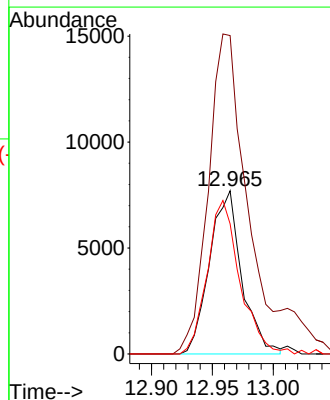
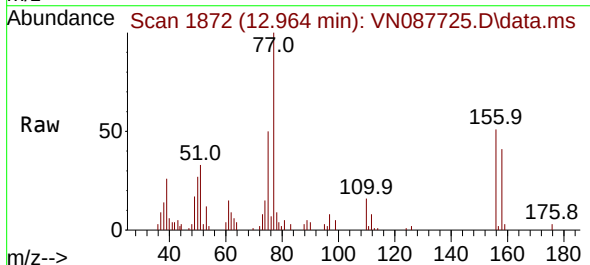
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

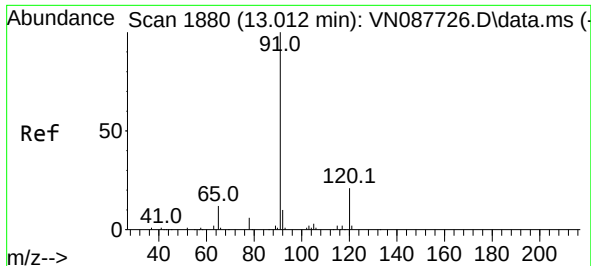
Tgt Ion: 75 Resp: 25667
Ion Ratio Lower Upper
75 100
77 125.0 0.0 378.8



#73
Bromobenzene
Concen: 4.997 ug/l
RT: 12.964 min Scan# 1872
Delta R.T. 0.012 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:156 Resp: 14160
Ion Ratio Lower Upper
156 100
77 226.6 0.0 484.2
158 94.6 0.0 186.2

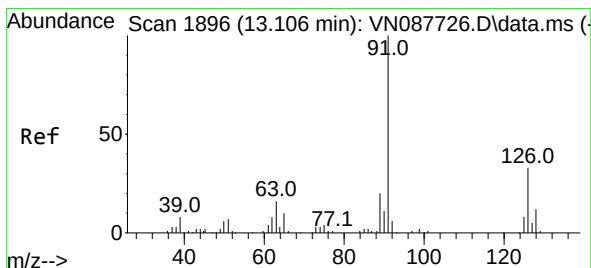
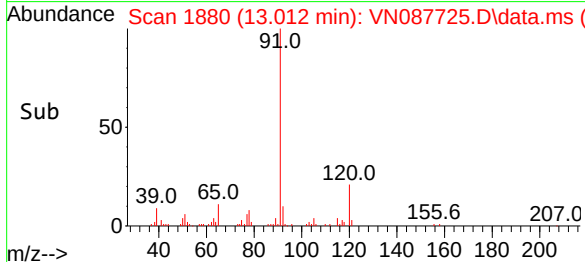
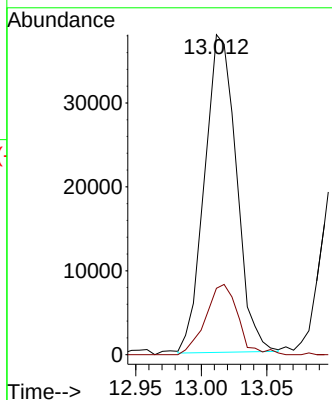
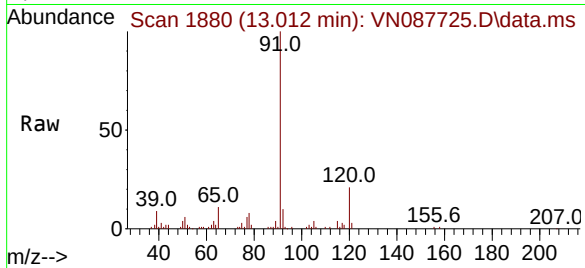




#74
n-propylbenzene
Concen: 4.247 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

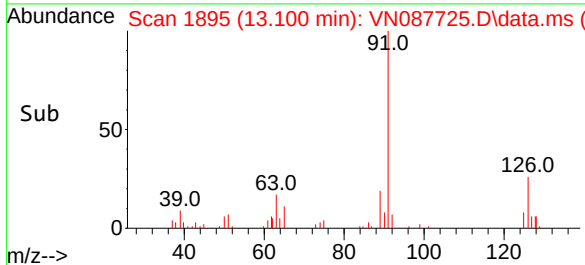
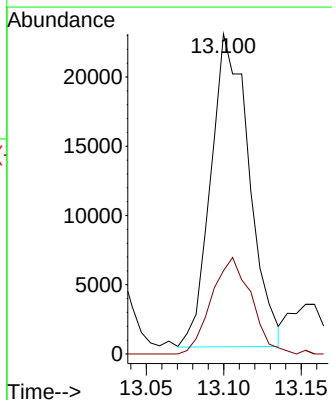
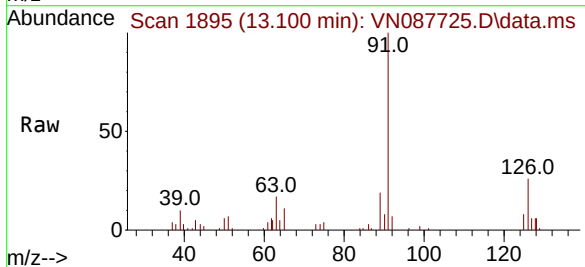
Instrument :
MSVOA_N
ClientSampleId :
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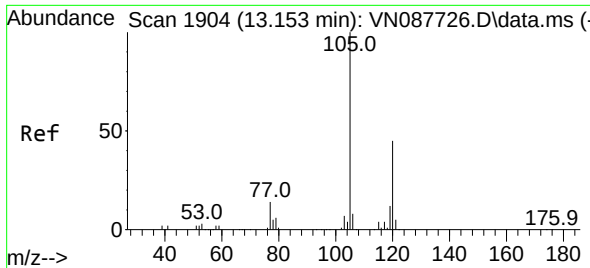
Tgt Ion: 91 Resp: 64047
Ion Ratio Lower Upper
91 100
120 22.5 0.0 42.2



#75
2-Chlorotoluene
Concen: 4.188 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 91 Resp: 38851
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.4

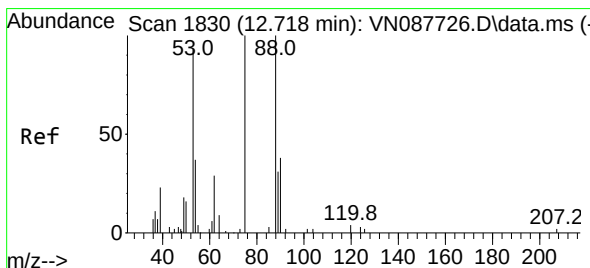
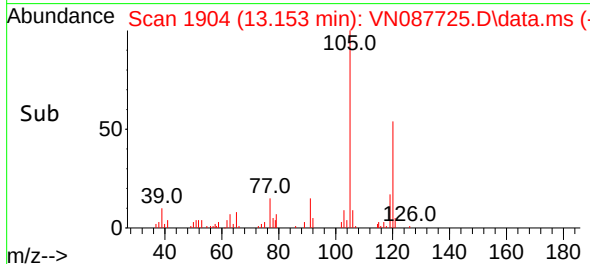
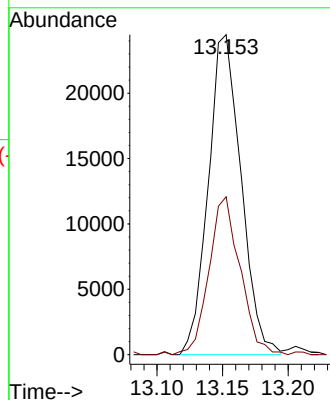
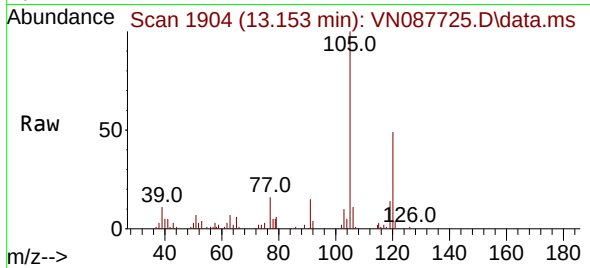




#76
1,3,5-Trimethylbenzene
Concen: 4.143 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

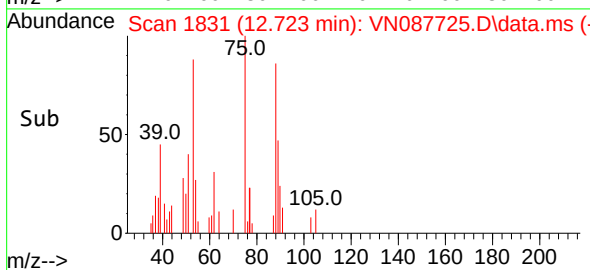
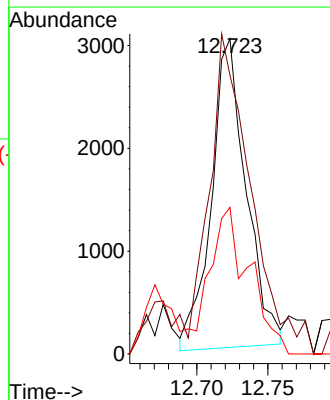
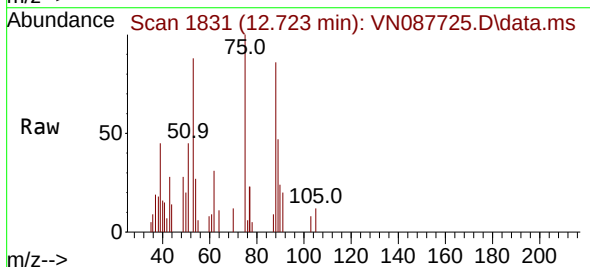
Instrument :
MSVOA_N
ClientSampleId :
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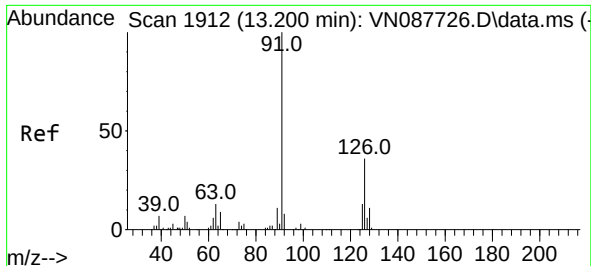
Tgt Ion:105 Resp: 42622
Ion Ratio Lower Upper
105 100
120 46.8 0.0 92.6



#77
t-1,4-Dichloro-2-butene
Concen: 3.485 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 75 Resp: 5106
Ion Ratio Lower Upper
75 100
53 83.3 45.3 135.9
89 42.8 18.8 56.3

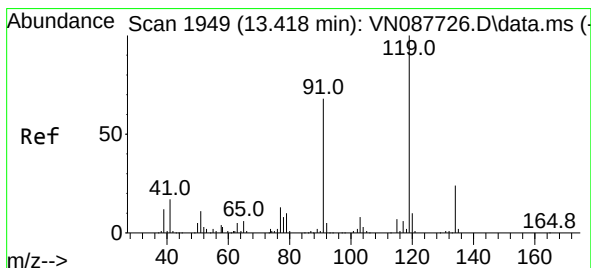
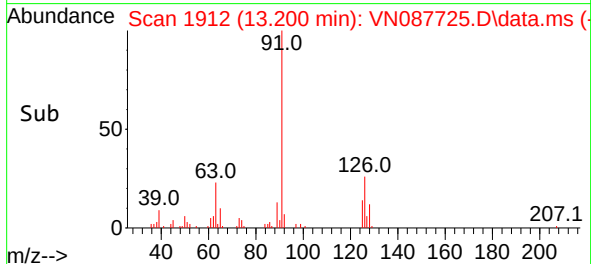
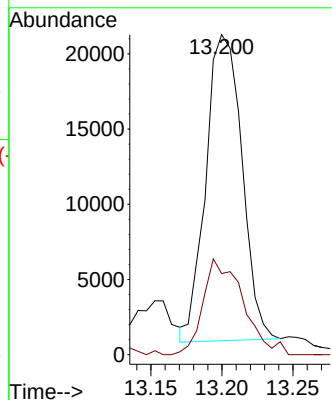
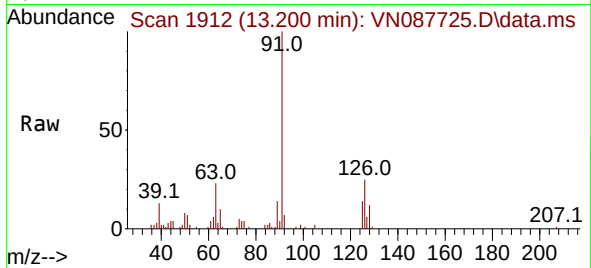




#78
4-Chlorotoluene
Concen: 3.810 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

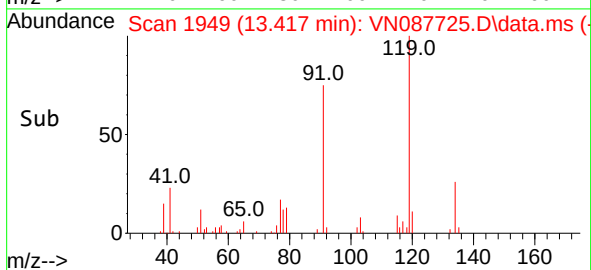
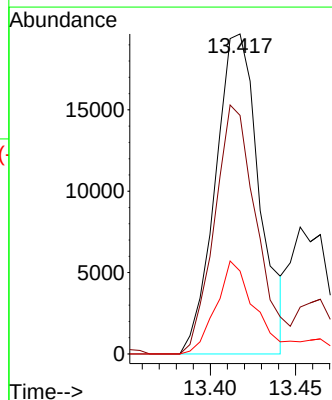
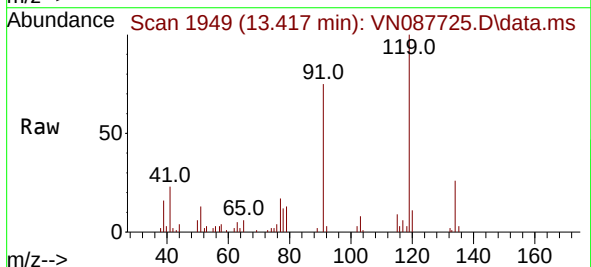
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

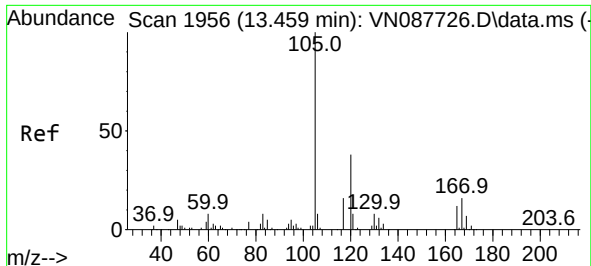
Tgt Ion: 91 Resp: 35970
Ion Ratio Lower Upper
91 100
126 33.8 0.0 67.0



#79
tert-butylbenzene
Concen: 4.085 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 119 Resp: 35406
Ion Ratio Lower Upper
119 100
91 74.8 0.0 142.6
134 24.9 0.0 47.2

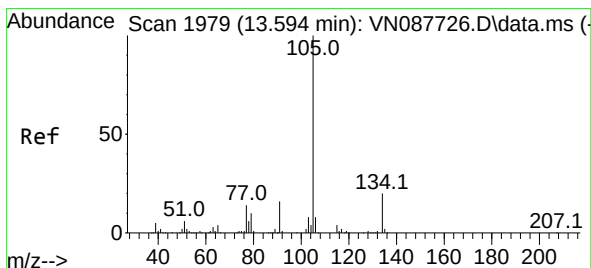
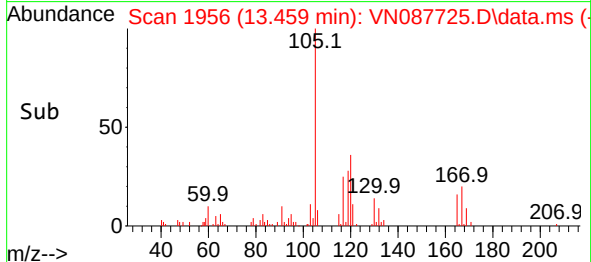
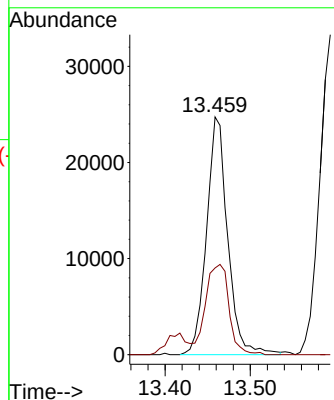
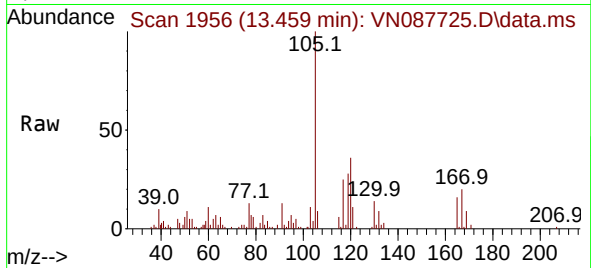




#80
1,2,4-Trimethylbenzene
Concen: 4.107 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

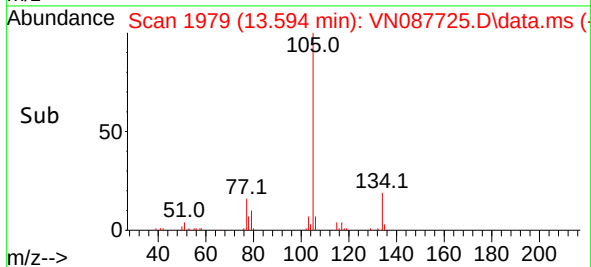
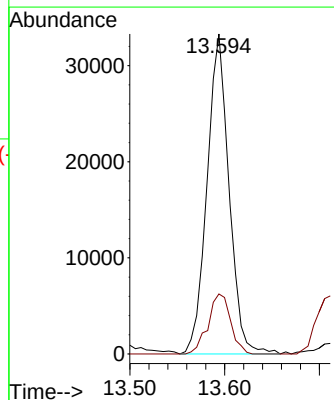
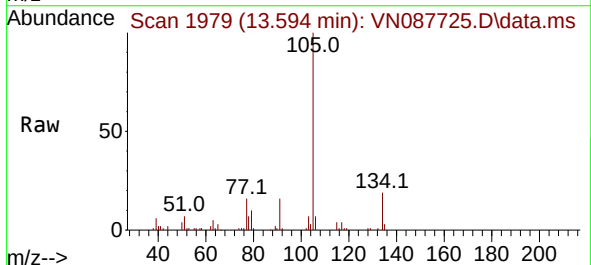
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

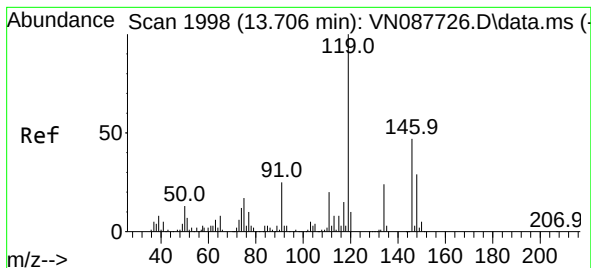
Tgt Ion:105 Resp: 42618
Ion Ratio Lower Upper
105 100
120 42.2 0.0 86.6



#81
sec-Butylbenzene
Concen: 4.253 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:105 Resp: 53746
Ion Ratio Lower Upper
105 100
134 19.1 0.0 37.0





#82

p-Isopropyltoluene

Concen: 4.132 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

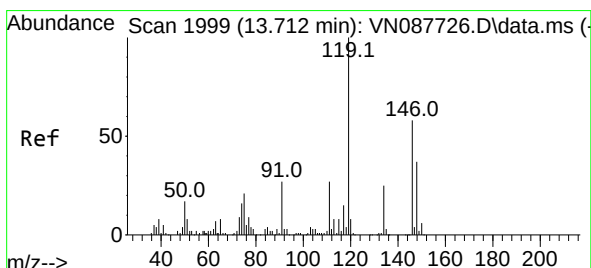
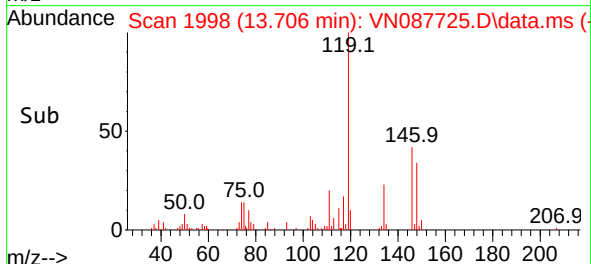
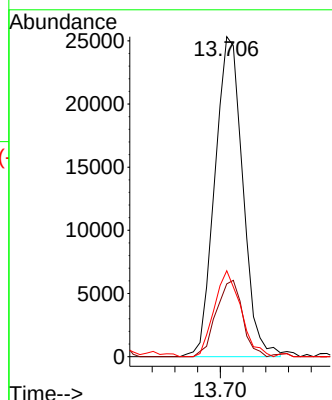
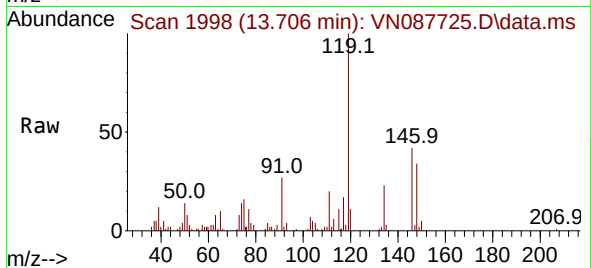
Tgt Ion:119 Resp: 43232

Ion Ratio Lower Upper

119 100

134 22.4 0.0 49.4

91 25.7 0.0 52.2



#83

1,3-Dichlorobenzene

Concen: 4.627 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087725.D

Acq: 04 Sep 2025 16:23

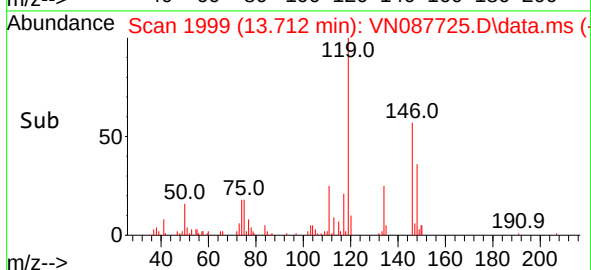
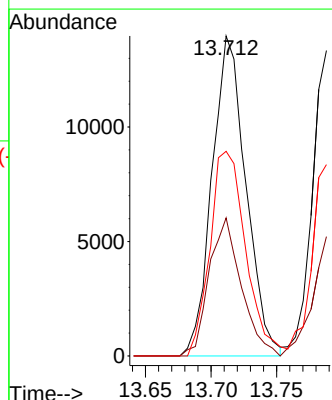
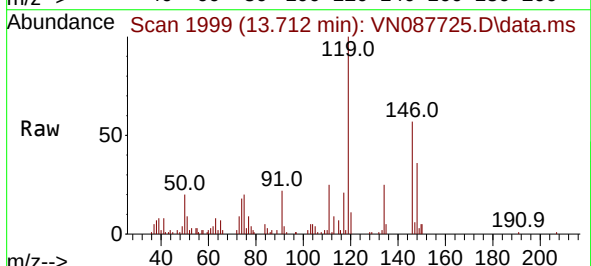
Tgt Ion:146 Resp: 25121

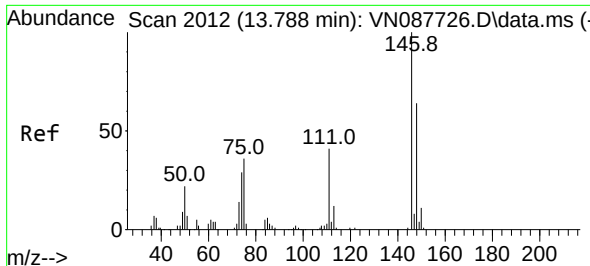
Ion Ratio Lower Upper

146 100

111 41.0 21.1 63.4

148 67.9 31.0 93.0

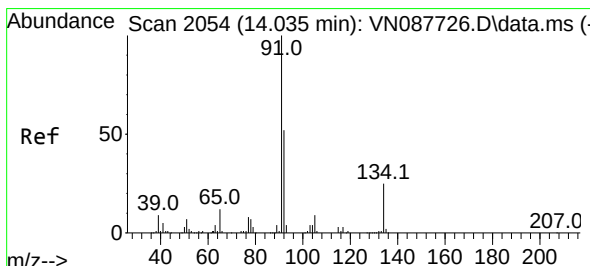
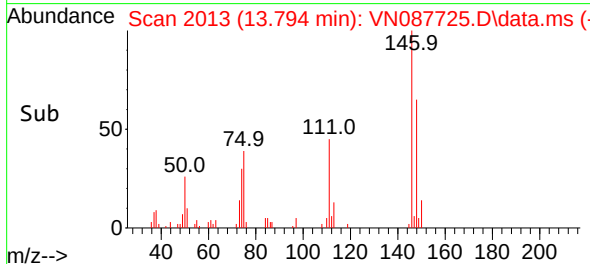
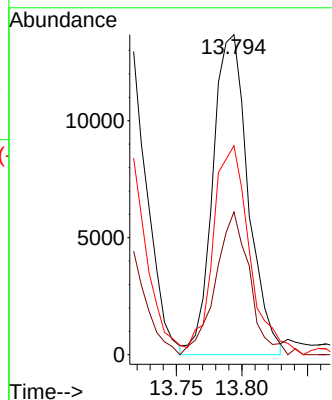
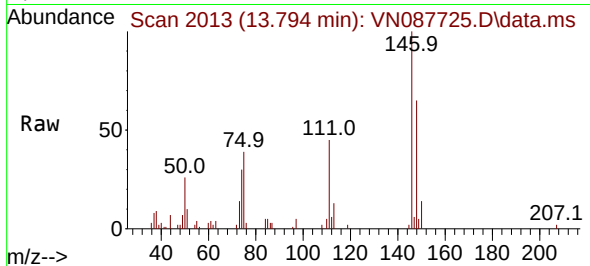




#84
1,4-Dichlorobenzene
Concen: 4.693 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

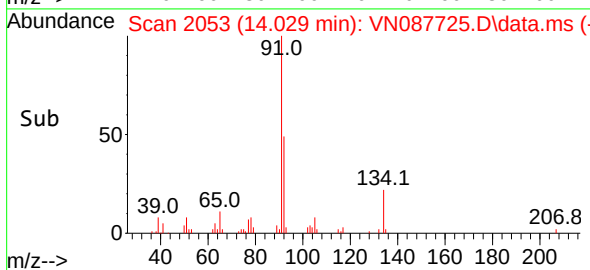
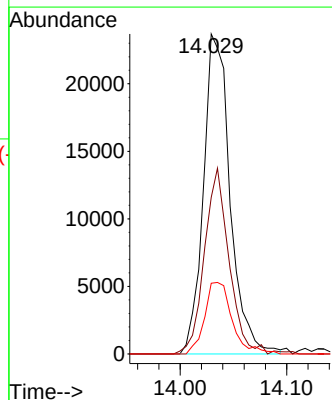
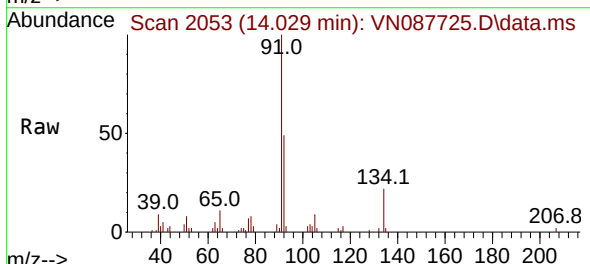
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

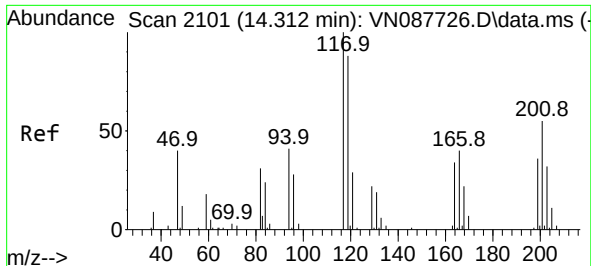
Tgt Ion:146 Resp: 25650
Ion Ratio Lower Upper
146 100
111 42.6 20.2 60.5
148 66.9 31.5 94.5



#85
n-Butylbenzene
Concen: 4.055 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion: 91 Resp: 41201
Ion Ratio Lower Upper
91 100
92 52.9 0.0 104.0
134 23.1 0.0 46.0

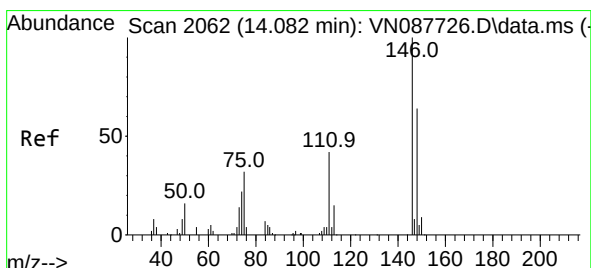
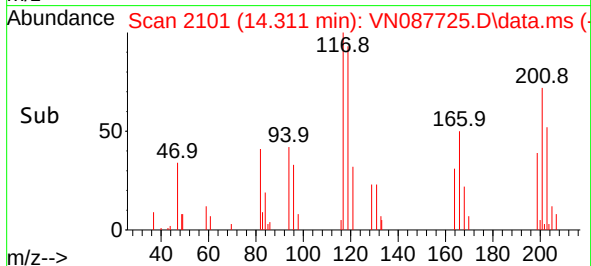
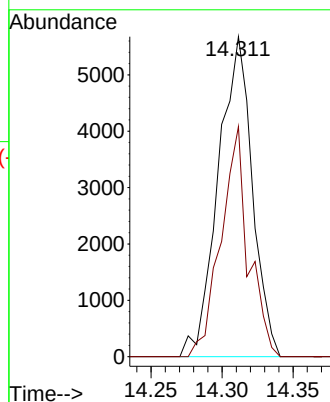
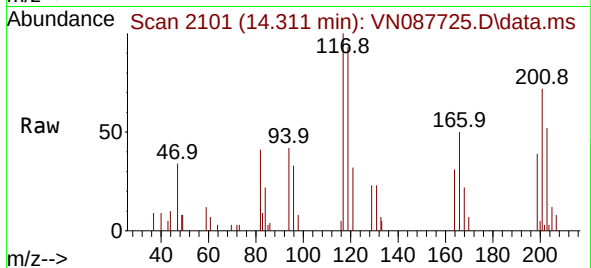




#86
Hexachloroethane
Concen: 4.553 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

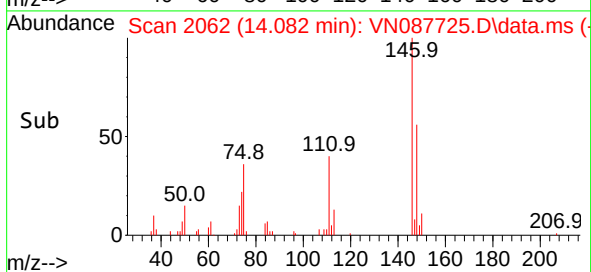
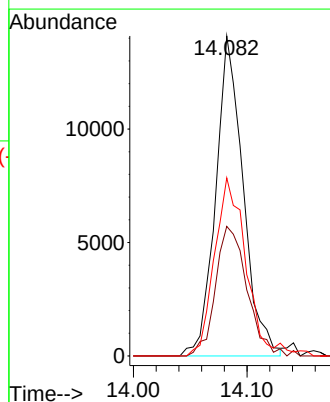
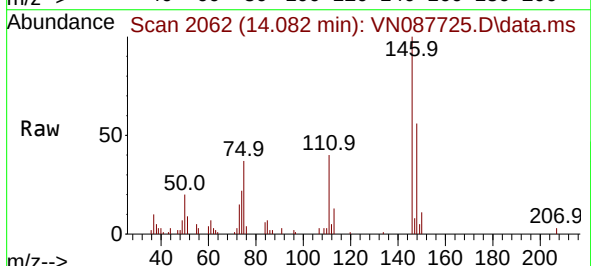
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

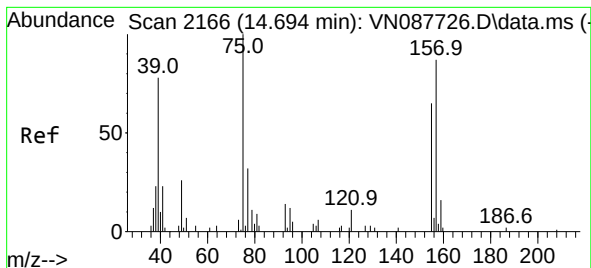
Tgt Ion:117 Resp: 9454
Ion Ratio Lower Upper
117 100
201 58.2 29.9 89.7



#87
1,2-Dichlorobenzene
Concen: 4.602 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:146 Resp: 23694
Ion Ratio Lower Upper
146 100
111 46.3 21.5 64.5
148 62.1 33.4 100.1

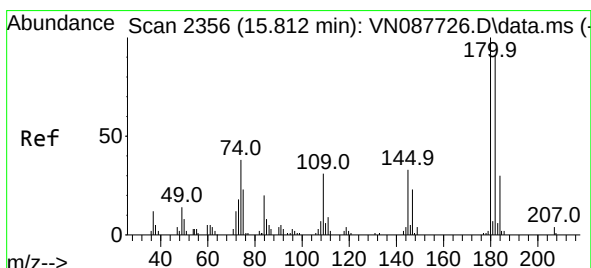
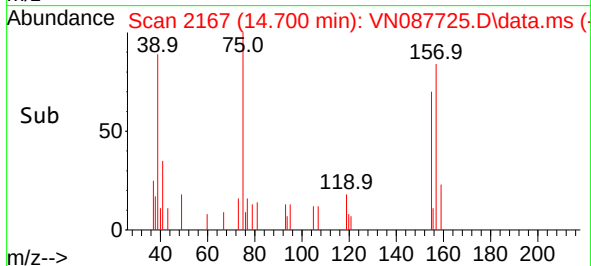
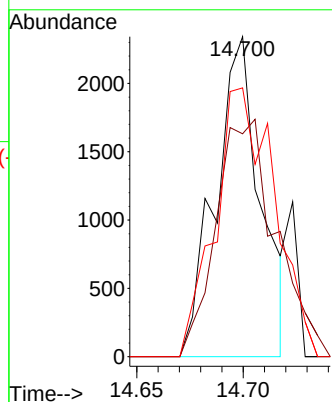
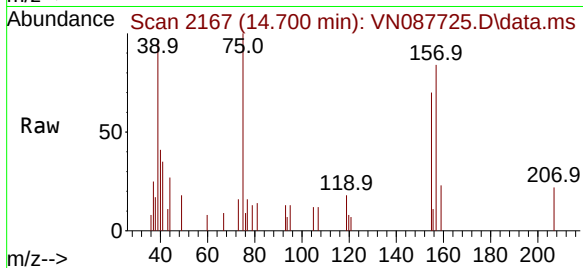




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.304 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

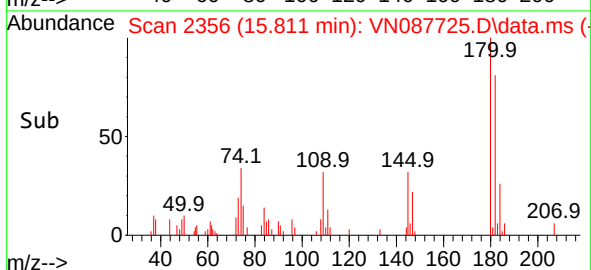
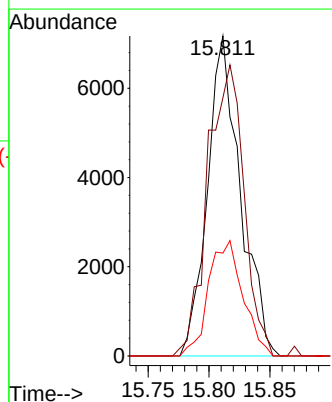
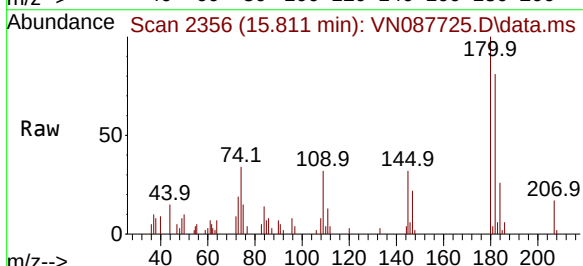
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

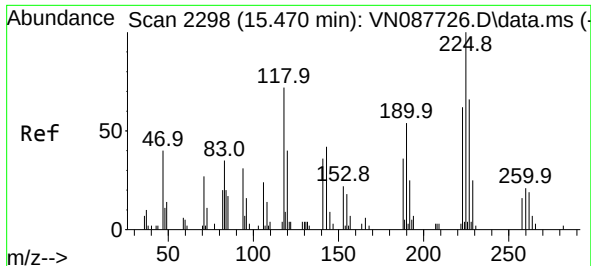
Tgt Ion: 75 Resp: 3446
 Ion Ratio Lower Upper
 75 100
 155 98.5 53.0 79.4#
 157 110.8 72.2 108.4#



#89
 1,2,4-Trichlorobenzene
 Concen: 4.443 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Tgt Ion: 180 Resp: 13520
 Ion Ratio Lower Upper
 180 100
 182 99.9 74.6 111.8
 145 37.6 27.4 41.0

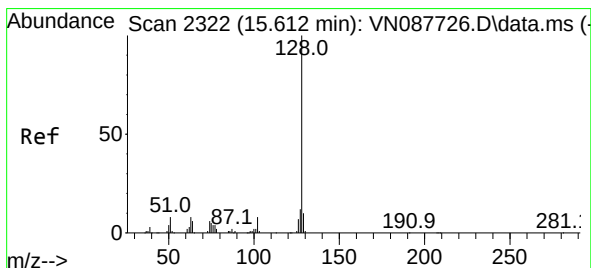
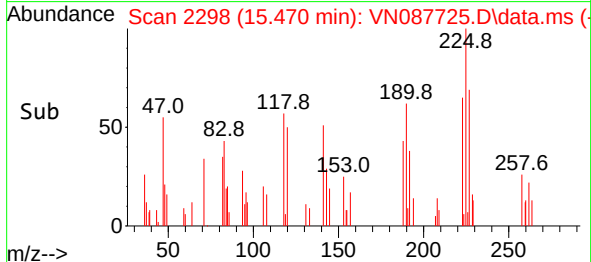
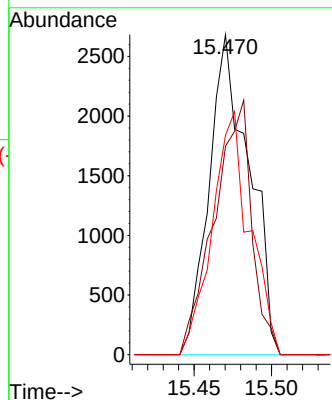
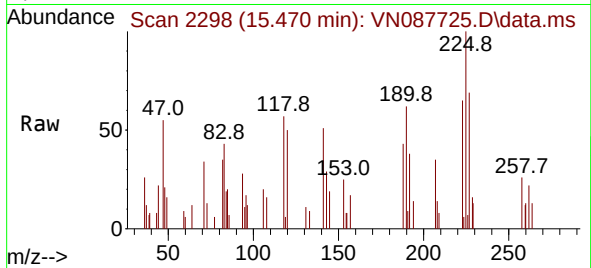




#90
Hexachlorobutadiene
Concen: 4.125 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

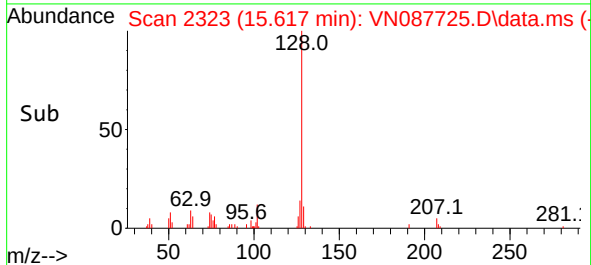
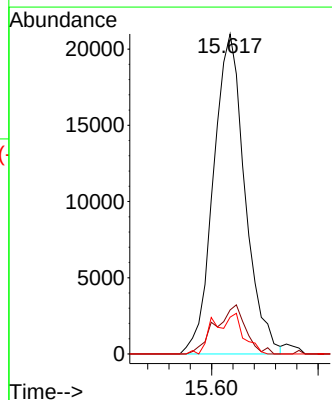
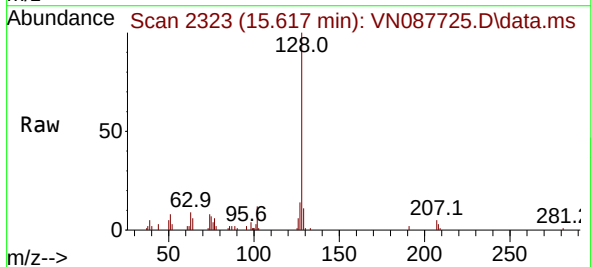
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

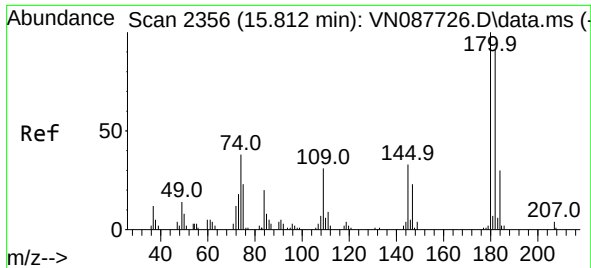
Tgt Ion:225 Resp: 4812
Ion Ratio Lower Upper
225 100
223 74.5 0.0 118.2
227 71.1 0.0 139.0



#91
Naphthalene
Concen: 3.756 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087725.D
Acq: 04 Sep 2025 16:23

Tgt Ion:128 Resp: 43072
Ion Ratio Lower Upper
128 100
127 10.0 10.2 15.4#
129 6.4 8.3 12.5#





#92
 1,2,3-Trichlorobenzene
 Concen: 4.443 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087725.D
 Acq: 04 Sep 2025 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	0.0	186.4
145	37.6	0.0	68.4

