

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087982.D
 Acq On : 29 Sep 2025 15:07
 Operator : JC\MD
 Sample : VN0929WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Quant Time: Sep 30 03:55:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	232065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	432175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223894	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	218145	55.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.720%	
35) Dibromofluoromethane	8.153	113	167982	53.534	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.060%	
50) Toluene-d8	10.547	98	589007	53.379	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	12.829	95	209511	53.118	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.240%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	50245	18.696	ug/l	93
3) Chloromethane	2.383	50	53908	19.590	ug/l	94
4) Vinyl Chloride	2.542	62	55137	19.640	ug/l	96
5) Bromomethane	2.983	94	35433	20.358	ug/l	82
6) Chloroethane	3.142	64	37362	20.468	ug/l	93
7) Trichlorofluoromethane	3.512	101	91541	20.027	ug/l	89
8) Diethyl Ether	3.959	74	33721	19.527	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	49277	20.397	ug/l	99
10) Methyl Iodide	4.577	142	46870	21.556	ug/l	93
11) Tert butyl alcohol	5.530	59	55843	99.272	ug/l	100
12) 1,1-Dichloroethene	4.336	96	50442	20.693	ug/l	95
13) Acrolein	4.177	56	62265	86.266	ug/l	95
14) Allyl chloride	5.012	41	74312	18.725	ug/l	98
15) Acrylonitrile	5.706	53	177478	100.583	ug/l	99
16) Acetone	4.424	43	153564	95.566	ug/l	96
17) Carbon Disulfide	4.706	76	135720	17.820	ug/l	99
18) Methyl Acetate	5.018	43	93126	23.157	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	185058	19.434	ug/l	98
20) Methylene Chloride	5.271	84	64910	19.957	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	56299	18.840	ug/l	92
22) Diisopropyl ether	6.665	45	189100	20.412	ug/l	93
23) Vinyl Acetate	6.594	43	752327	96.447	ug/l	100
24) 1,1-Dichloroethane	6.553	63	109902	20.305	ug/l	98
25) 2-Butanone	7.471	43	253328	103.144	ug/l	98
26) 2,2-Dichloropropane	7.471	77	92525	19.241	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	70105	19.716	ug/l	99
28) Bromochloromethane	7.800	49	55772	18.966	ug/l	95
29) Tetrahydrofuran	7.824	42	163950	104.251	ug/l	98
30) Chloroform	7.947	83	122373	20.678	ug/l	99
31) Cyclohexane	8.235	56	89376	20.408	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	98072	19.612	ug/l	97
36) 1,1-Dichloropropene	8.359	75	74416	19.723	ug/l	99
37) Ethyl Acetate	7.553	43	98693	19.919	ug/l	99
38) Carbon Tetrachloride	8.347	117	84127	19.431	ug/l	92
39) Methylcyclohexane	9.582	83	76315	18.335	ug/l	92
40) Benzene	8.588	78	246133	19.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	53159	20.761	ug/l	98
42) 1,2-Dichloroethane	8.659	62	91196	19.561	ug/l	99
43) Isopropyl Acetate	8.671	43	153207	19.645	ug/l	99
44) Trichloroethene	9.335	130	55725	18.674	ug/l	79
45) 1,2-Dichloropropane	9.606	63	62347	19.903	ug/l	98
46) Dibromomethane	9.688	93	48849	19.762	ug/l	96
47) Bromodichloromethane	9.871	83	94776	19.549	ug/l	93
48) Methyl methacrylate	9.665	41	68945	19.090	ug/l	95
49) 1,4-Dioxane	9.677	88	21619	405.193	ug/l	97
51) 4-Methyl-2-Pentanone	10.424	43	508873	104.566	ug/l	98
52) Toluene	10.612	92	155964	19.894	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	90604	18.260	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	98843	19.180	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	63590	19.949	ug/l	99
56) Ethyl methacrylate	10.859	69	84694	18.388	ug/l	96
57) 1,3-Dichloropropane	11.147	76	103995	19.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	241467	111.501	ug/l	98
59) 2-Hexanone	11.182	43	339010	105.353	ug/l	96
60) Dibromochloromethane	11.341	129	73923	19.724	ug/l	97
61) 1,2-Dibromoethane	11.447	107	67510	20.006	ug/l	95
64) Tetrachloroethene	11.082	164	44754	17.799	ug/l	89
65) Chlorobenzene	11.871	112	172194	19.603	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	61489	19.411	ug/l	98
67) Ethyl Benzene	11.941	91	276391	18.857	ug/l	99
68) m/p-Xylenes	12.053	106	212293	37.871	ug/l	97
69) o-Xylene	12.376	106	97554	18.113	ug/l	95
70) Styrene	12.388	104	171726	18.566	ug/l	99
71) Bromoform	12.559	173	48060	18.701	ug/l #	96
73) Isopropylbenzene	12.676	105	262856	18.943	ug/l	99
74) N-amyl acetate	12.529	43	17953	3.927	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.918	83	105770	21.155	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	125273	28.384	ug/l	59
77) Bromobenzene	12.959	156	71090	19.255	ug/l	97
78) n-propylbenzene	13.012	91	327469	18.875	ug/l	99
79) 2-Chlorotoluene	13.100	91	201285	19.054	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	230467	19.201	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.723	75	26634	16.758	ug/l	91
82) 4-Chlorotoluene	13.200	91	207433	19.488	ug/l	99
83) tert-Butylbenzene	13.417	119	189784	18.681	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	230833	18.750	ug/l	98
85) sec-Butylbenzene	13.594	105	283025	19.001	ug/l	98
86) p-Isopropyltoluene	13.706	119	230764	18.292	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	139118	19.309	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	139311	18.815	ug/l	98
89) n-Butylbenzene	14.035	91	225535	18.917	ug/l	98
90) Hexachloroethane	14.312	117	51107	19.394	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	134048	19.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	22215	19.123	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	76772	18.723	ug/l	97
94) Hexachlorobutadiene	15.476	225	30678	20.327	ug/l	93
95) Naphthalene	15.617	128	239189	18.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	74553	18.702	ug/l	98

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QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

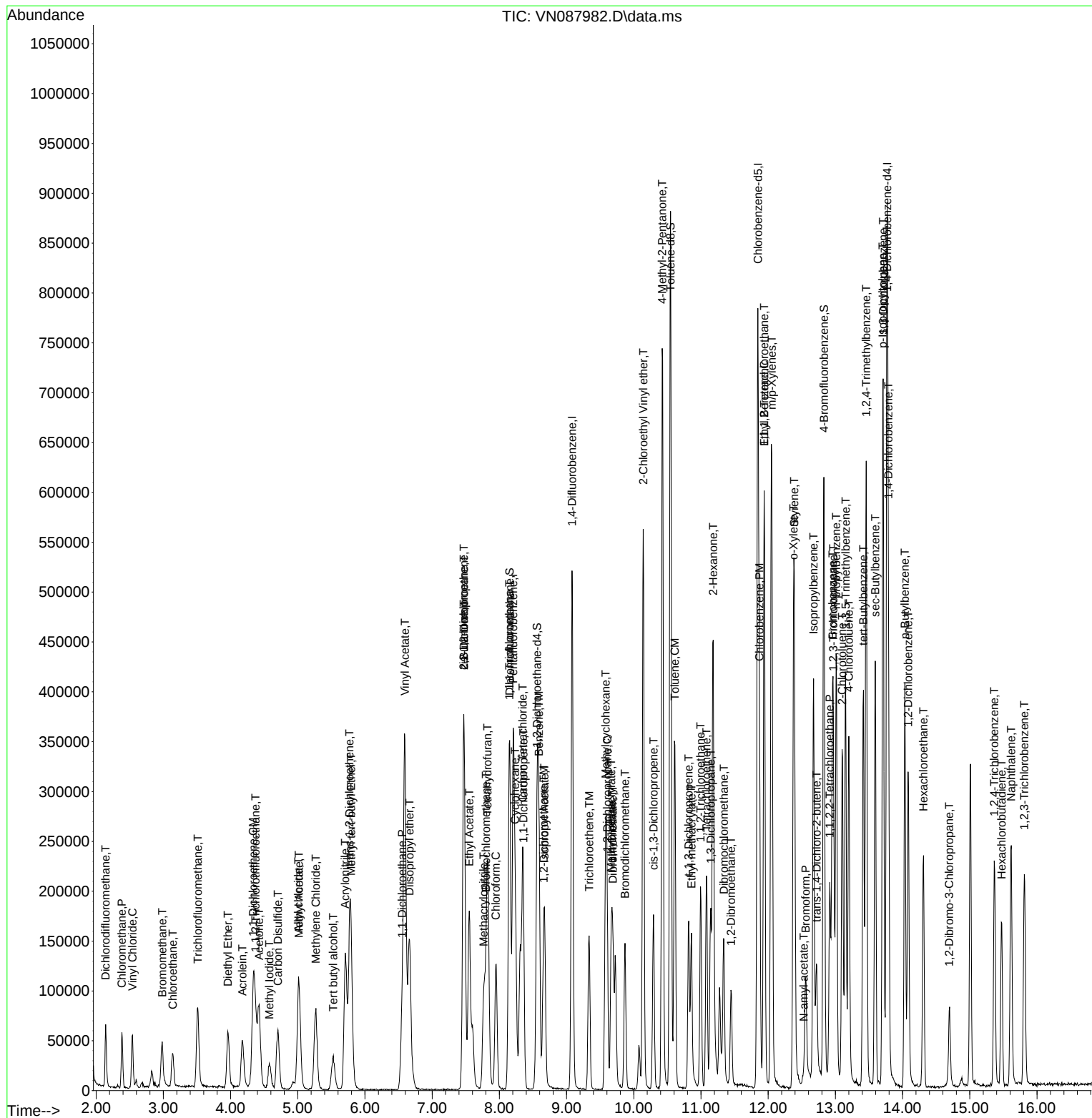
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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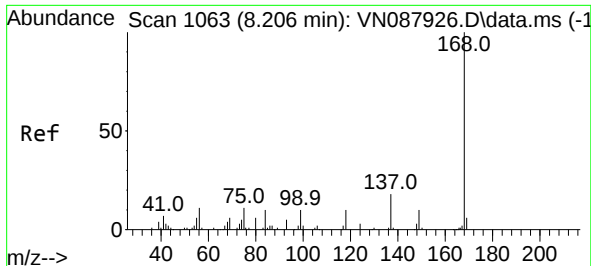
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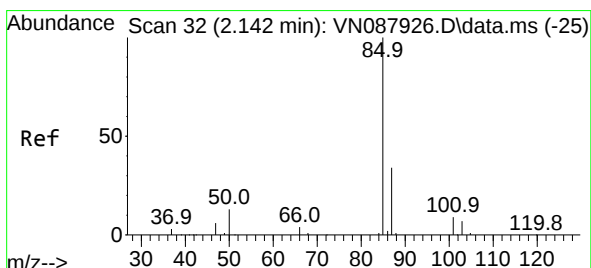
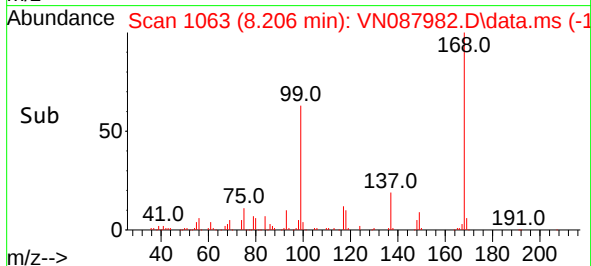
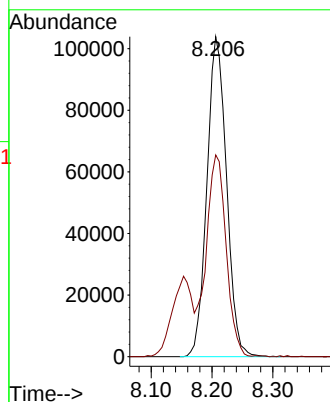
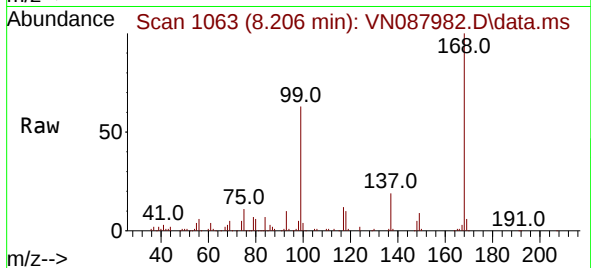




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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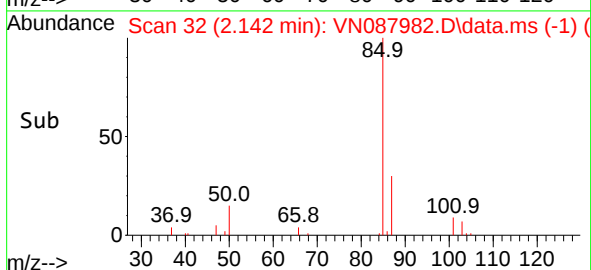
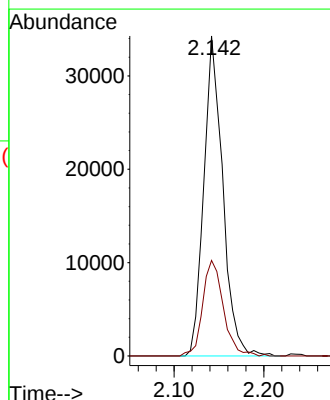
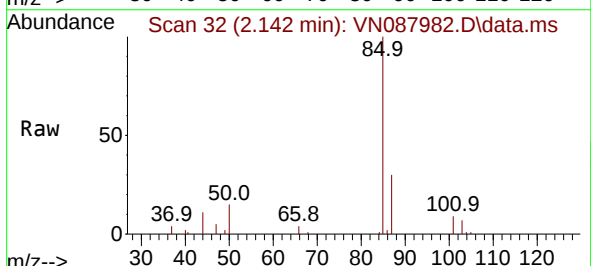
Instrument :
MSVOA_N
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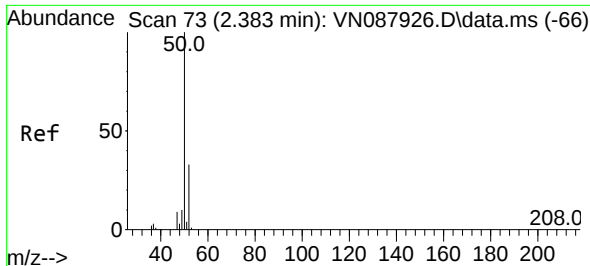
Tgt Ion:168 Resp: 232065
Ion Ratio Lower Upper
168 100
99 62.7 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 18.696 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 85 Resp: 50245
Ion Ratio Lower Upper
85 100
87 29.9 16.9 50.6

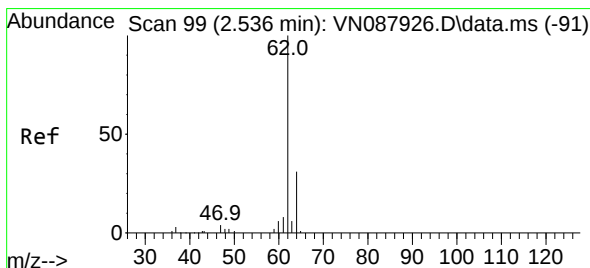
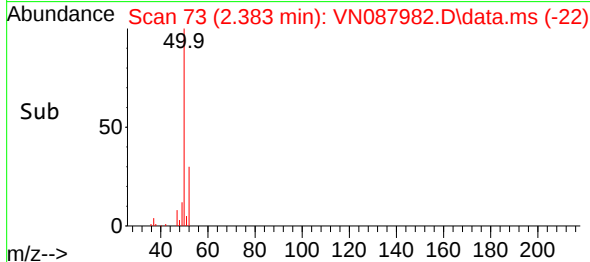
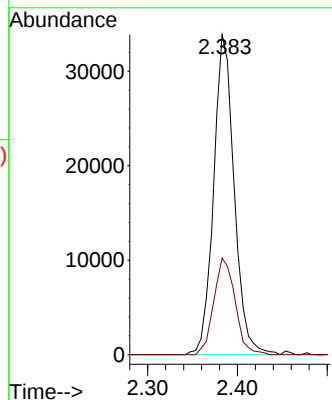
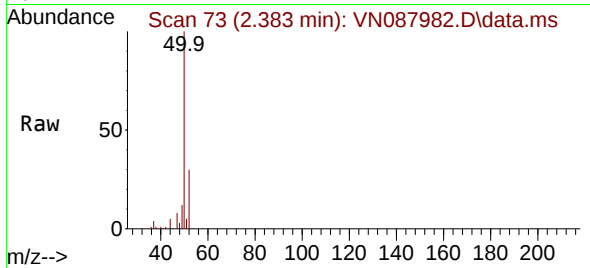




#3
Chloromethane
Concen: 19.590 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

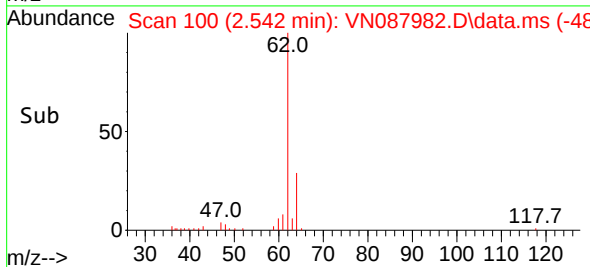
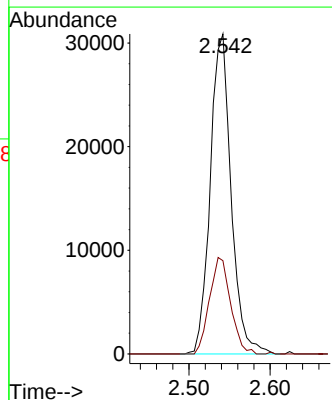
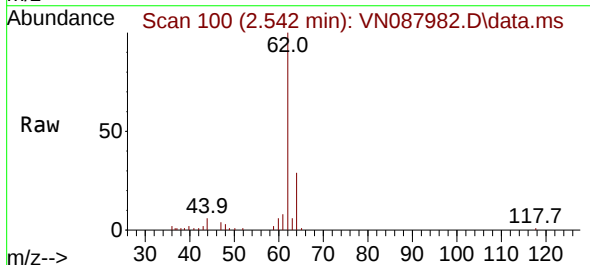
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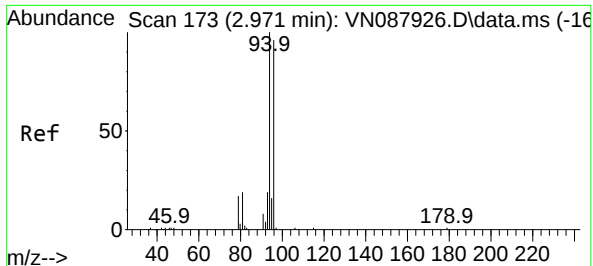
Tgt Ion: 50 Resp: 53908
Ion Ratio Lower Upper
50 100
52 30.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.640 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 62 Resp: 55137
Ion Ratio Lower Upper
62 100
64 29.1 25.2 37.8

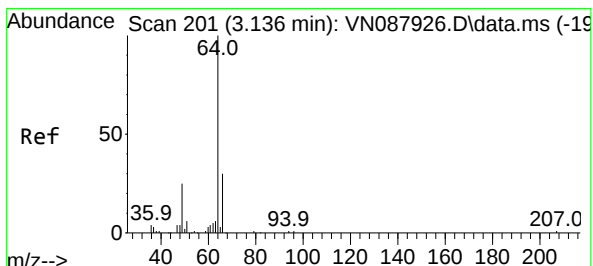
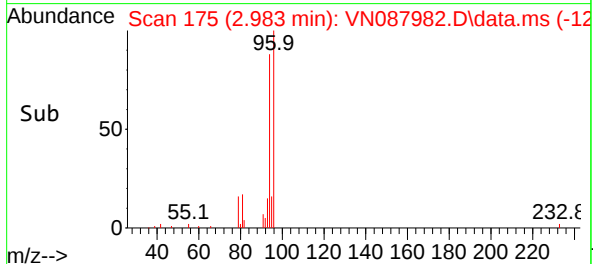
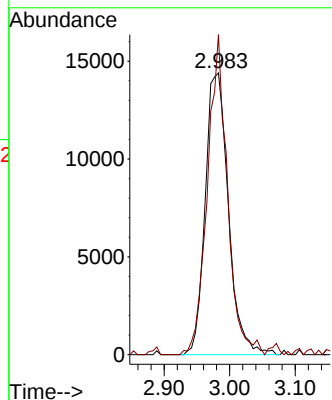
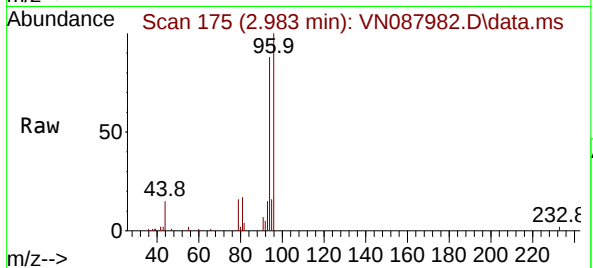




#5
Bromomethane
Concen: 20.358 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087982.D
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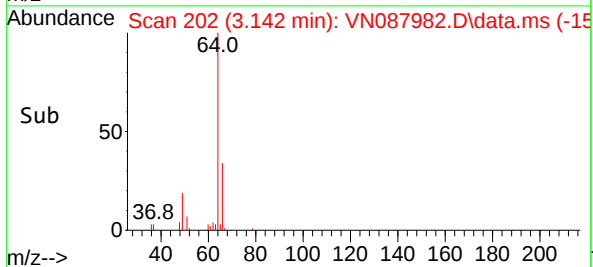
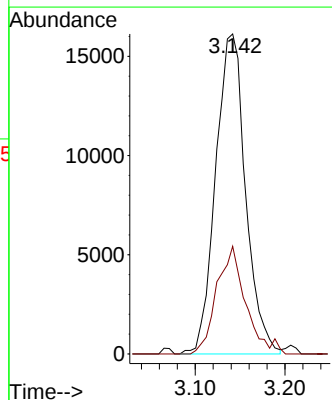
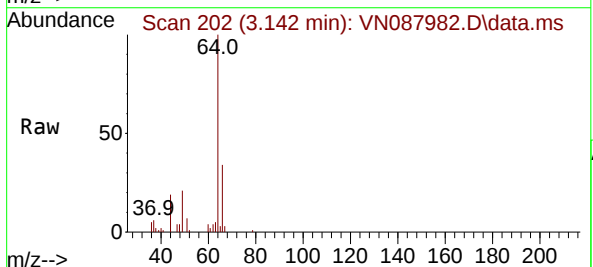
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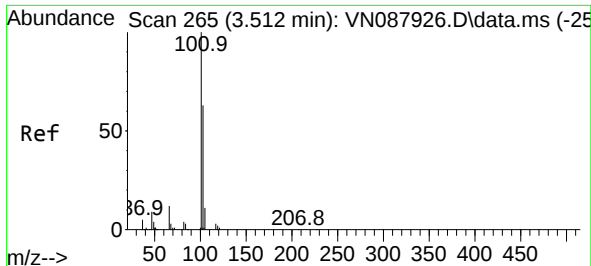
Tgt Ion: 94 Resp: 35433
Ion Ratio Lower Upper
94 100
96 113.6 76.8 115.2



#6
Chloroethane
Concen: 20.468 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 64 Resp: 37362
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.8

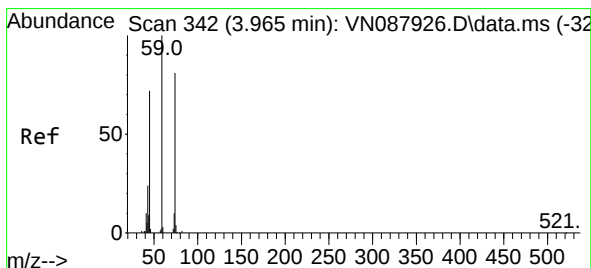
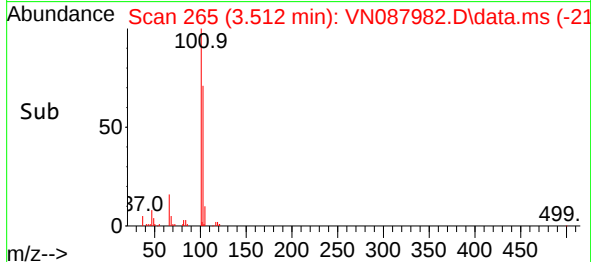
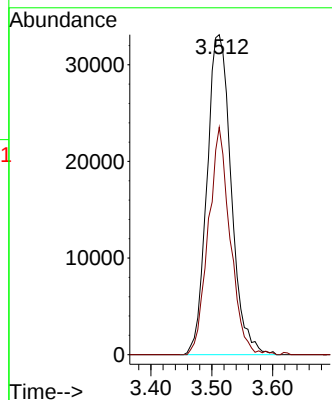
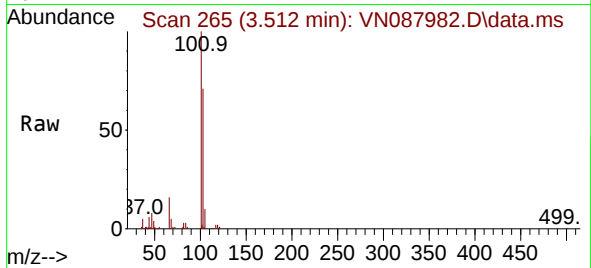




#7
 Trichlorofluoromethane
 Concen: 20.027 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

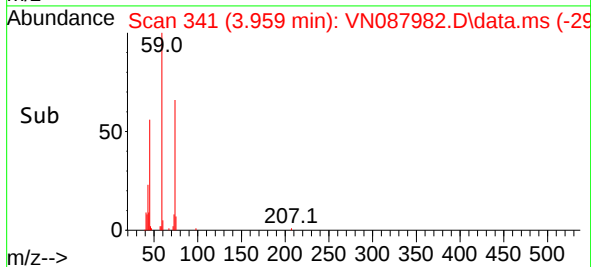
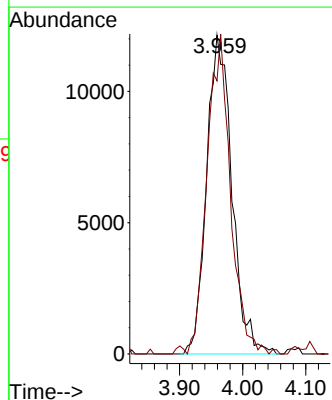
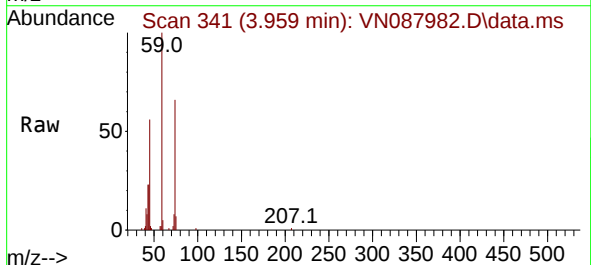
Instrument :
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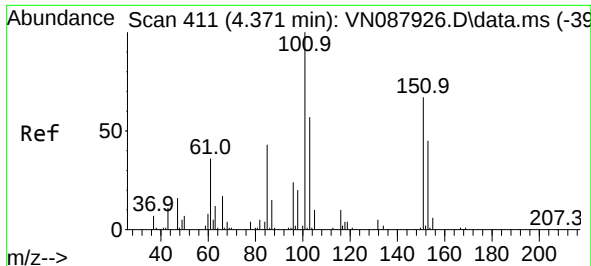
Tgt Ion:101 Resp: 91541
 Ion Ratio Lower Upper
 101 100
 103 71.1 50.2 75.4



#8
 Diethyl Ether
 Concen: 19.527 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087982.D
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Tgt Ion: 74 Resp: 33721
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.4 136.1

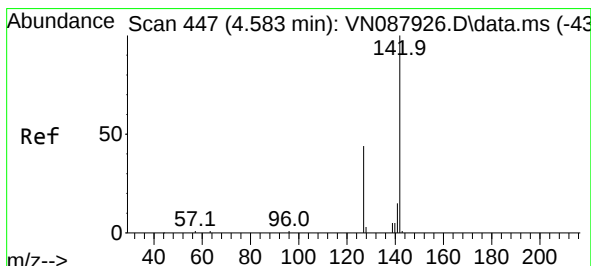
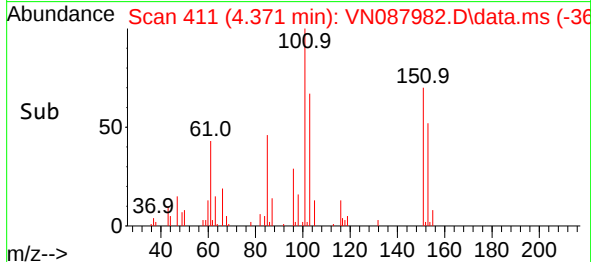
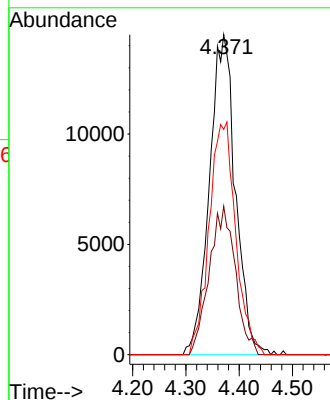
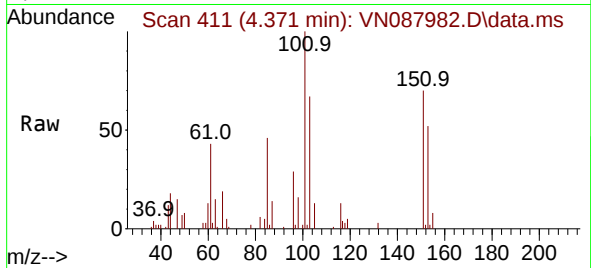




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.397 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

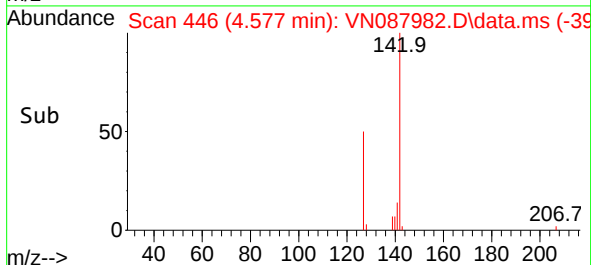
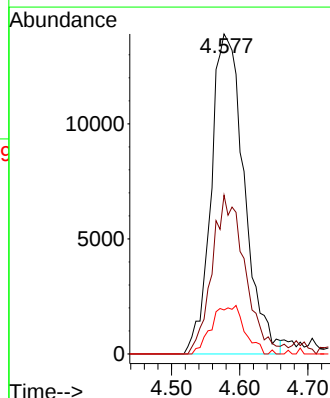
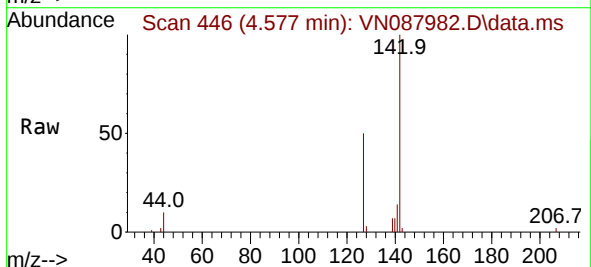
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

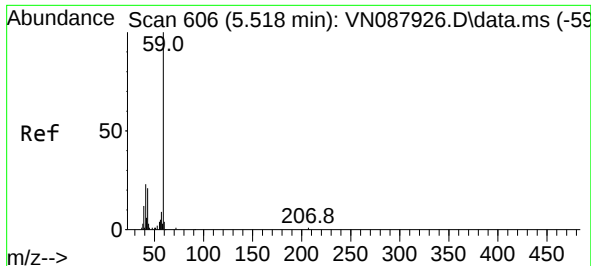
Tgt Ion:101 Resp: 49277
Ion Ratio Lower Upper
101 100
85 46.4 36.5 54.7
151 74.0 58.6 87.8



#10
Methyl Iodide
Concen: 21.556 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:142 Resp: 46870
Ion Ratio Lower Upper
142 100
127 49.6 35.3 52.9
141 13.8 11.8 17.8

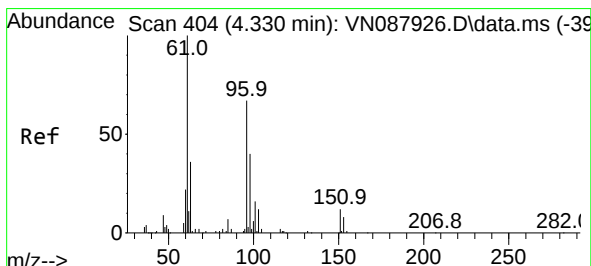
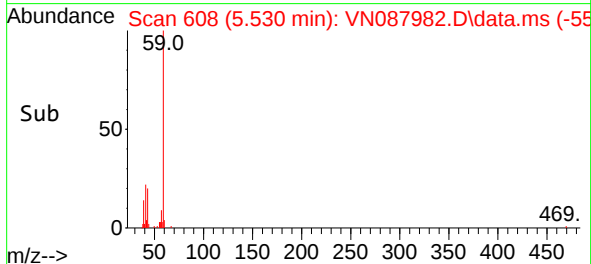
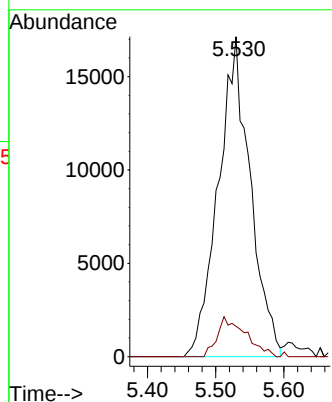
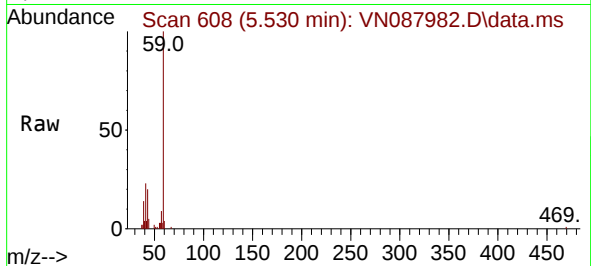




#11
Tert butyl alcohol
Concen: 99.272 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

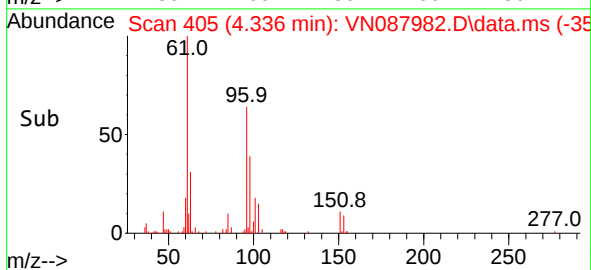
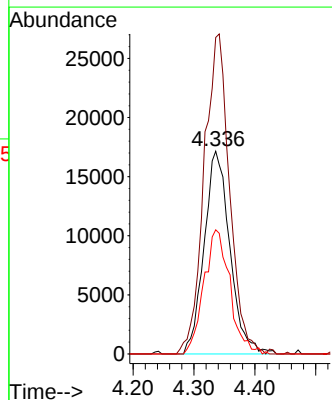
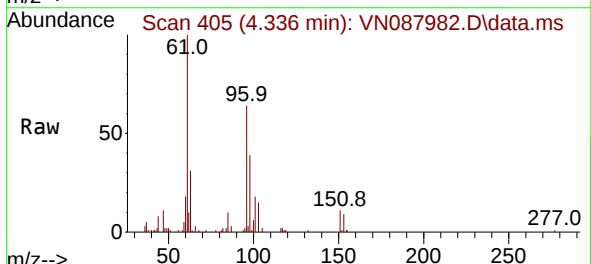
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

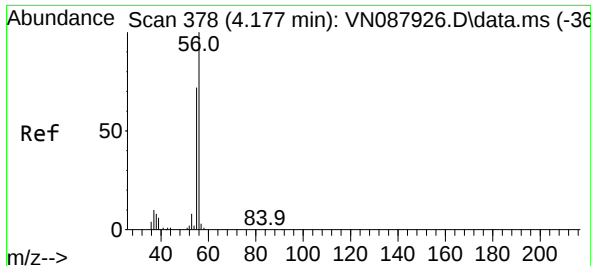
Tgt Ion: 59 Resp: 55843
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 20.693 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 96 Resp: 50442
Ion Ratio Lower Upper
96 100
61 156.1 119.2 178.8
98 61.3 47.5 71.3





#13

Acrolein

Concen: 86.266 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

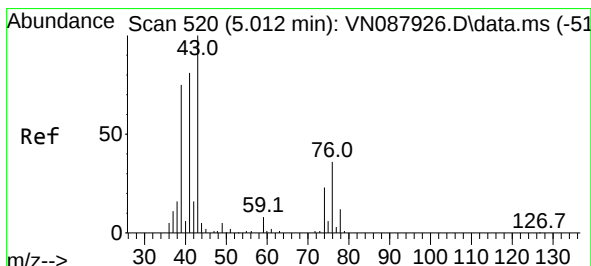
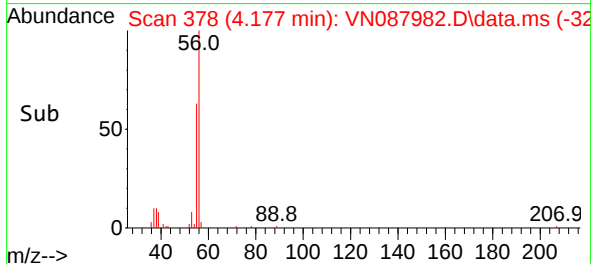
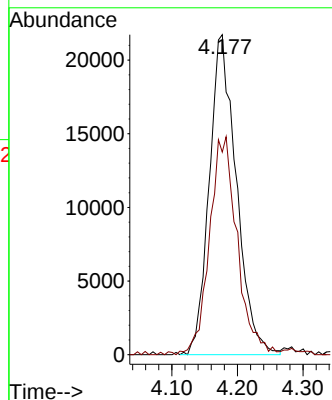
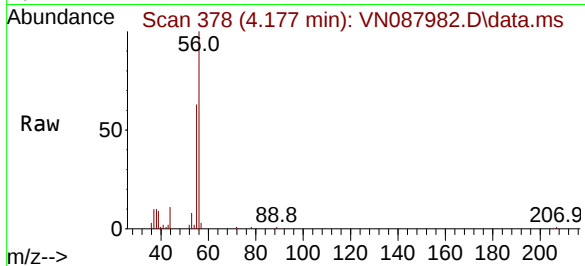
VN0929WBSD01

Tgt Ion: 56 Resp: 62265

Ion Ratio Lower Upper

56 100

55 69.6 59.3 88.9



#14

Allyl chloride

Concen: 18.725 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

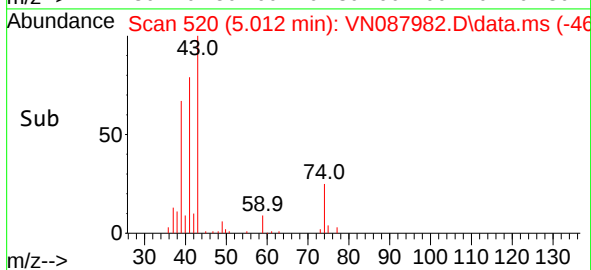
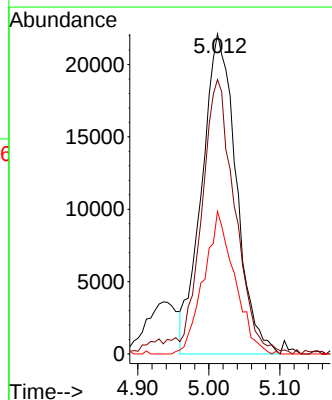
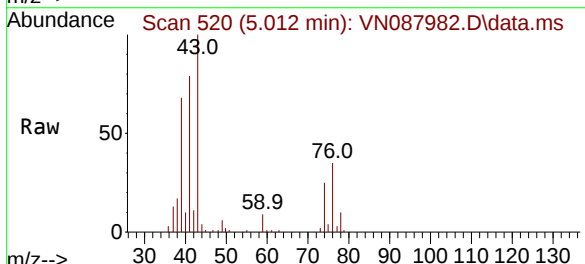
Tgt Ion: 41 Resp: 74312

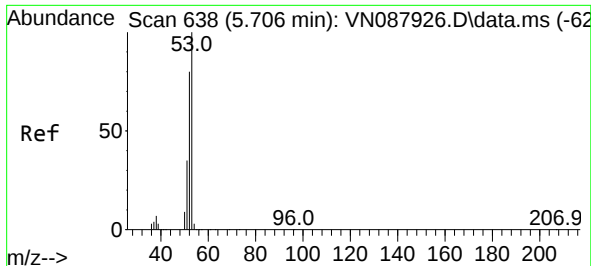
Ion Ratio Lower Upper

41 100

39 82.3 63.8 95.8

76 40.2 33.0 49.6

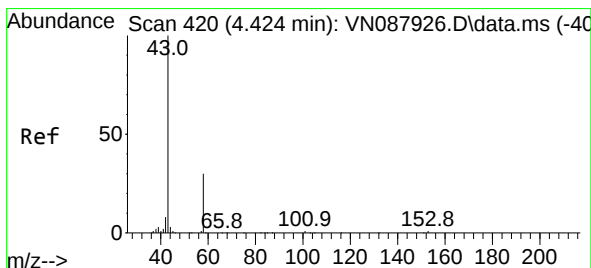
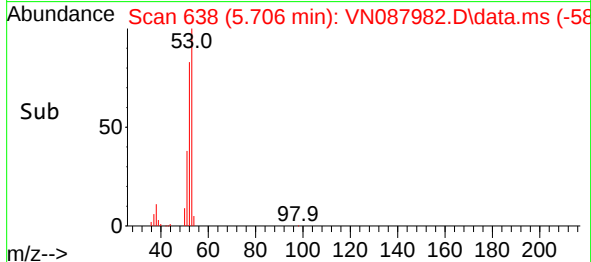
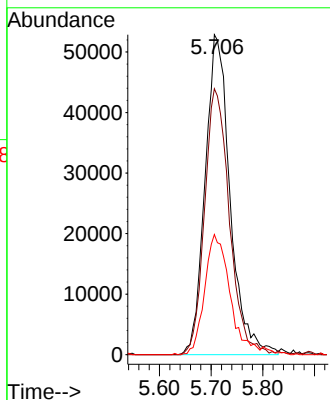
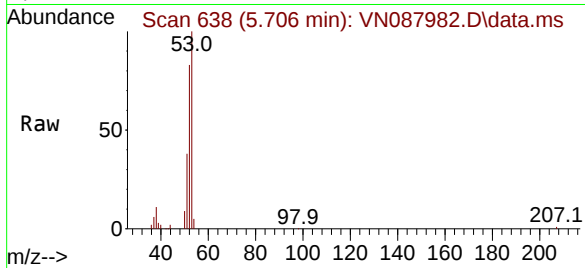




#15
Acrylonitrile
Concen: 100.583 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

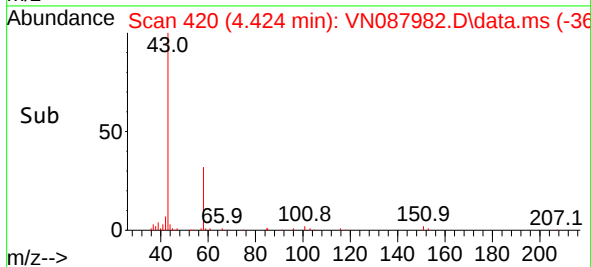
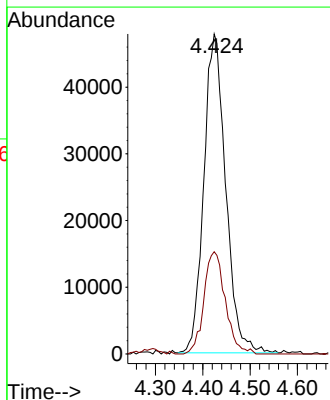
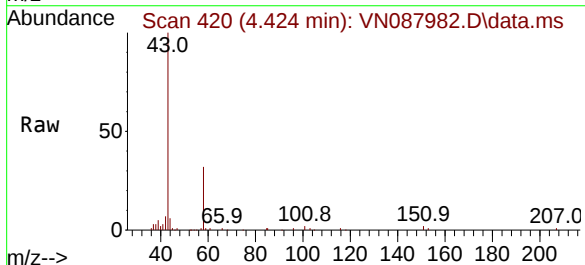
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

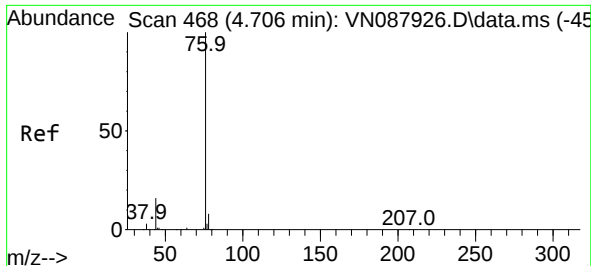
Tgt Ion: 53 Resp: 177478
Ion Ratio Lower Upper
53 100
52 82.7 66.6 99.8
51 37.8 29.0 43.4



#16
Acetone
Concen: 95.566 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 43 Resp: 153564
Ion Ratio Lower Upper
43 100
58 32.1 24.1 36.1

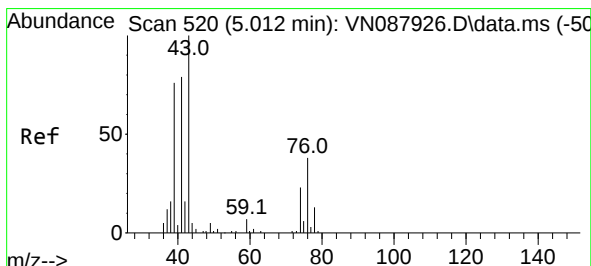
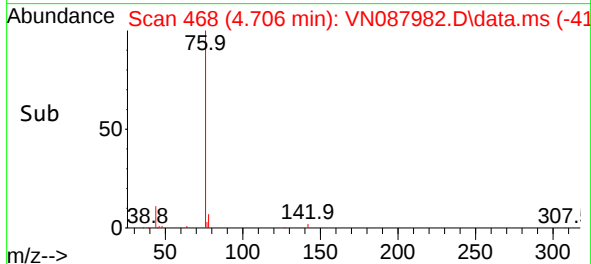
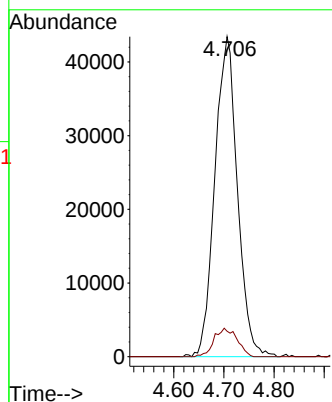
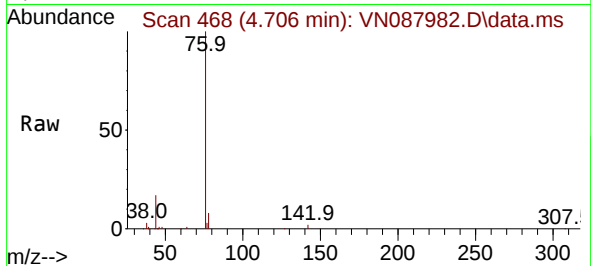




#17
Carbon Disulfide
Concen: 17.820 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

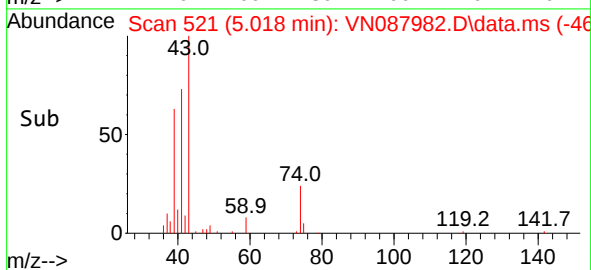
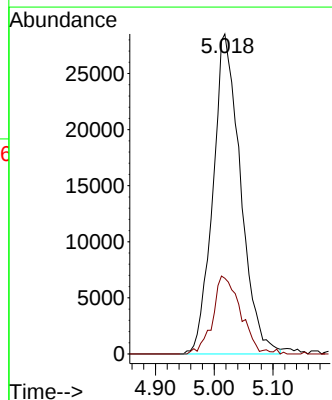
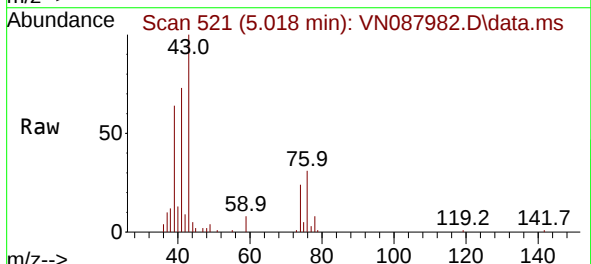
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

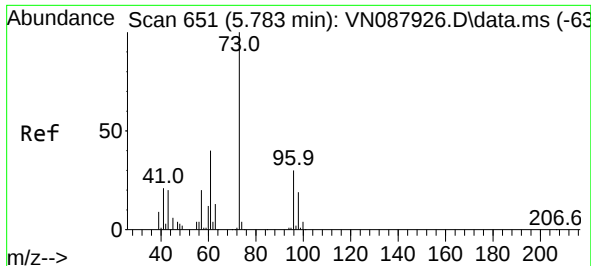
Tgt Ion: 76 Resp: 135720
Ion Ratio Lower Upper
76 100
78 7.9 6.7 10.1



#18
Methyl Acetate
Concen: 23.157 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 43 Resp: 93126
Ion Ratio Lower Upper
43 100
74 24.4 19.7 29.5

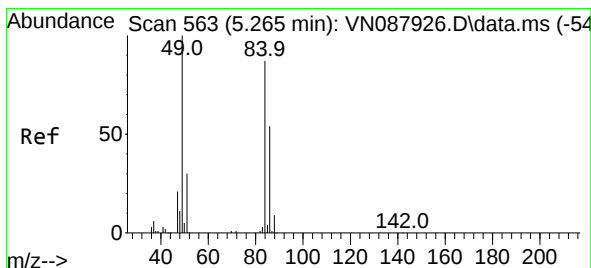
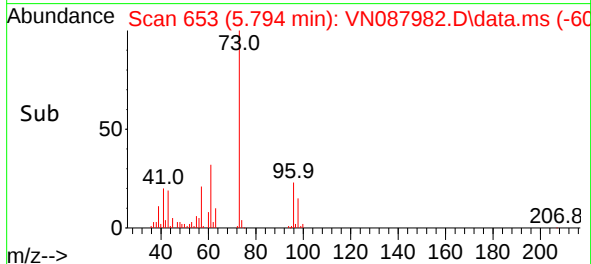
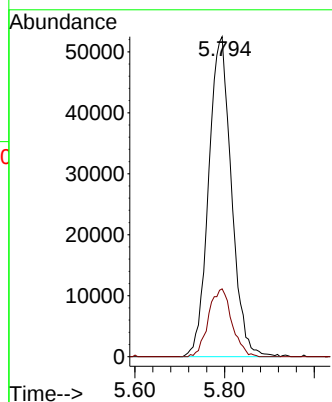
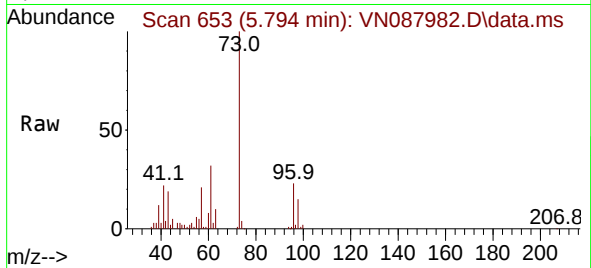




#19
Methyl tert-butyl Ether
Concen: 19.434 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

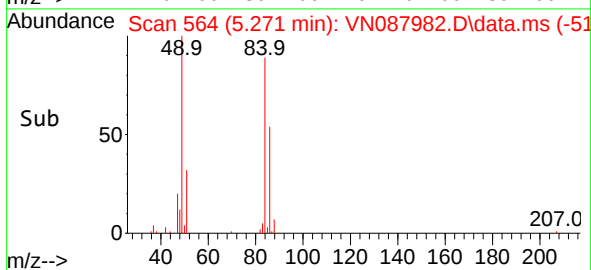
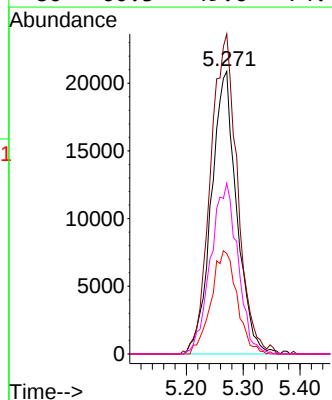
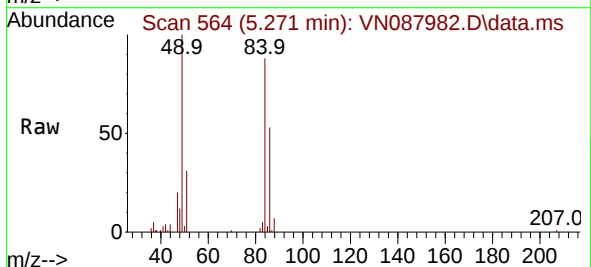
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

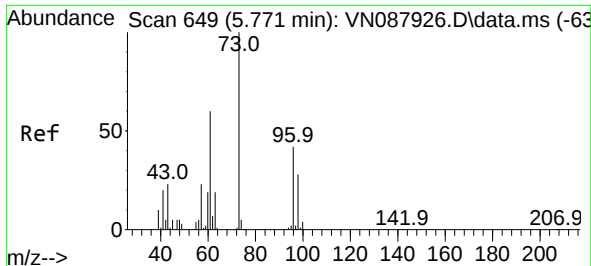
Tgt Ion: 73 Resp: 185058
Ion Ratio Lower Upper
73 100
57 21.2 16.3 24.5



#20
Methylene Chloride
Concen: 19.957 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 84 Resp: 64910
Ion Ratio Lower Upper
84 100
49 113.2 92.1 138.1
51 35.6 27.7 41.5
86 60.3 49.6 74.4

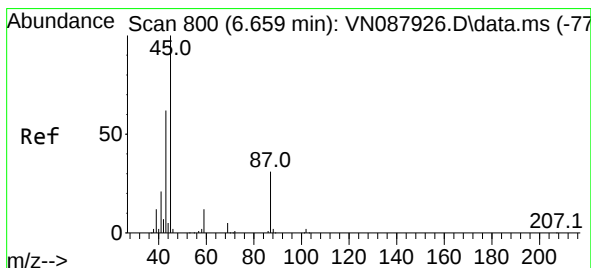
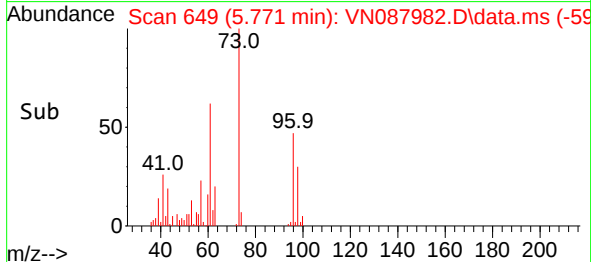
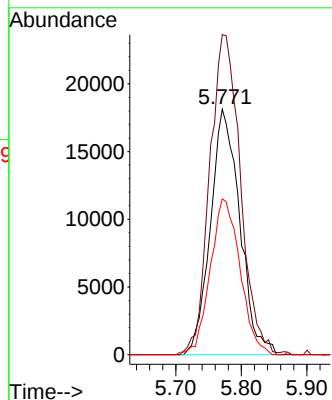
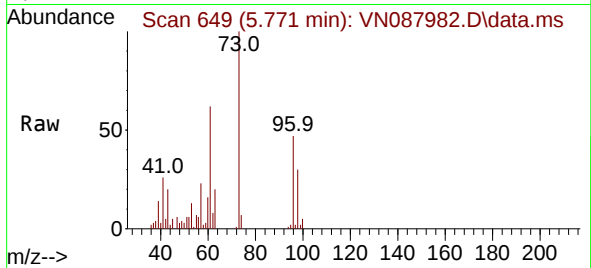




#21
trans-1,2-Dichloroethene
Concen: 18.840 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

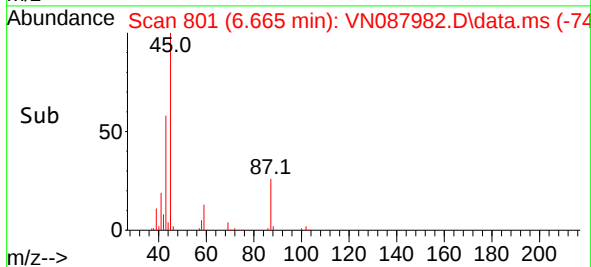
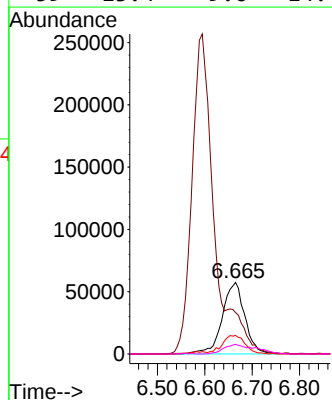
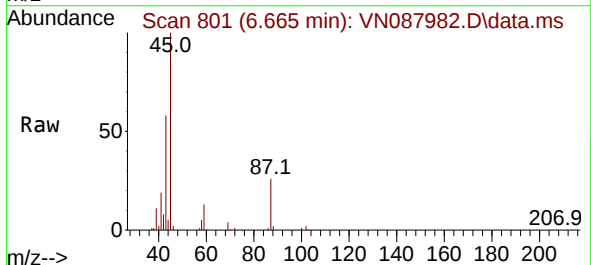
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 96 Resp: 56299
Ion Ratio Lower Upper
96 100
61 130.4 114.4 171.6
98 63.5 53.6 80.4



#22
Diisopropyl ether
Concen: 20.412 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 45 Resp: 189100
Ion Ratio Lower Upper
45 100
43 57.2 49.9 74.9
87 26.0 25.2 37.8
59 13.4 9.6 14.4

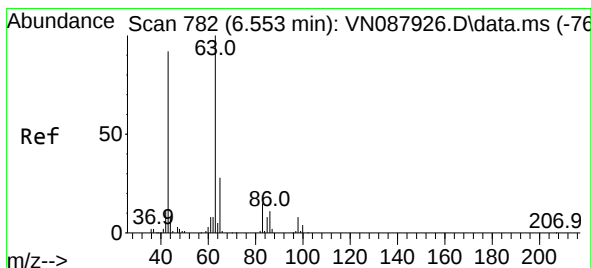
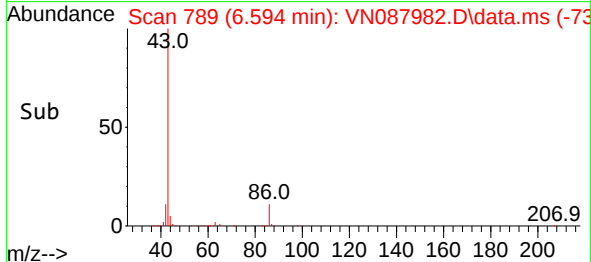
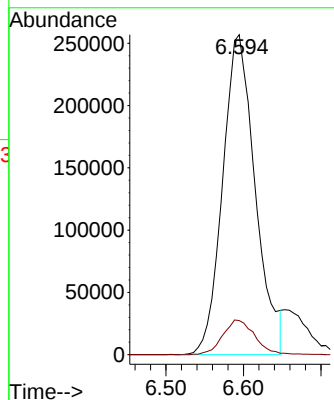
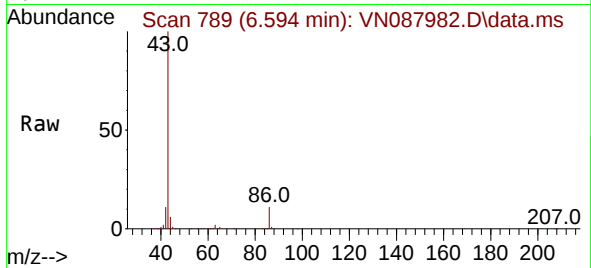




#23
 Vinyl Acetate
 Concen: 96.447 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

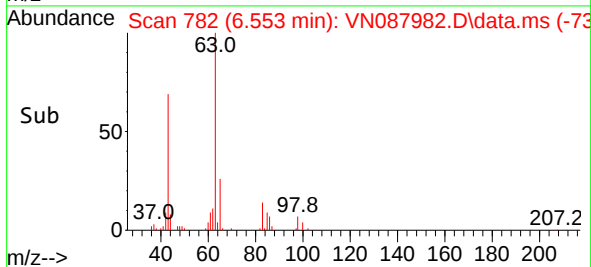
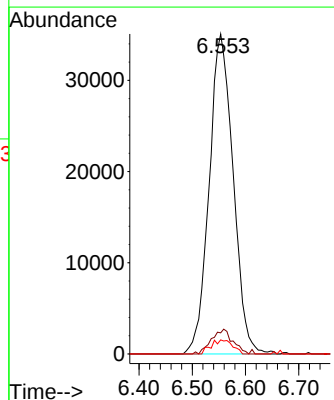
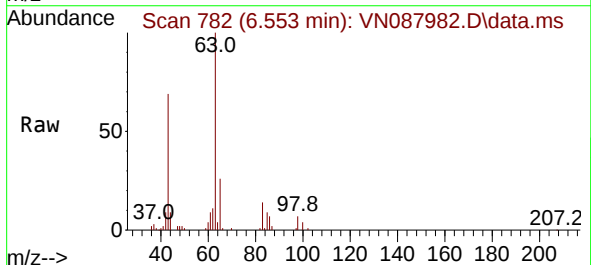
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

Tgt Ion: 43 Resp: 752327
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.305 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion: 63 Resp: 109902
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.5
 100 4.4 2.1 6.5

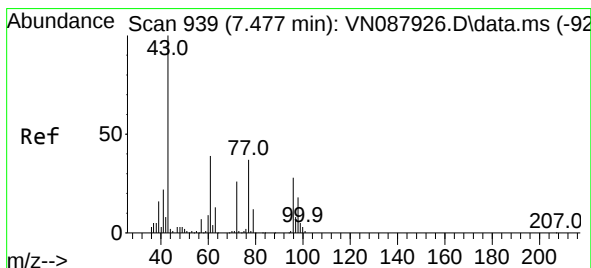
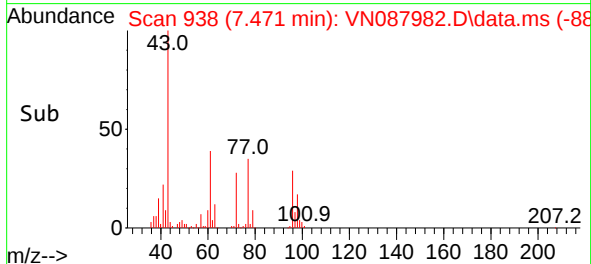
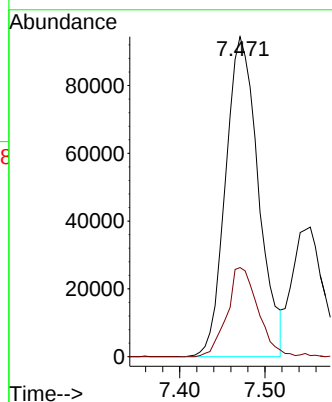
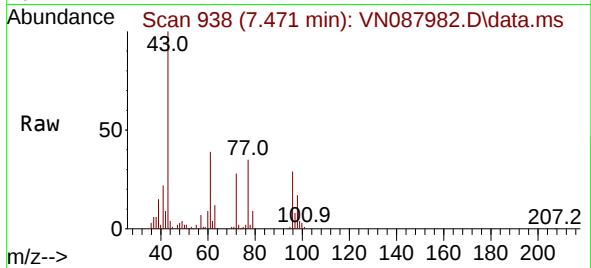




#25
2-Butanone
Concen: 103.144 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

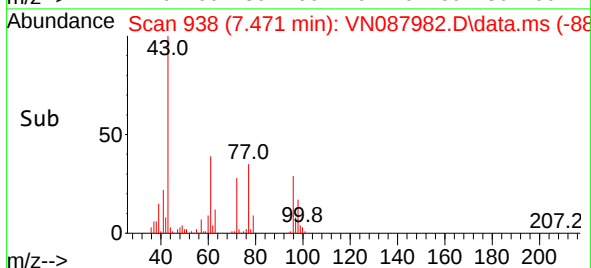
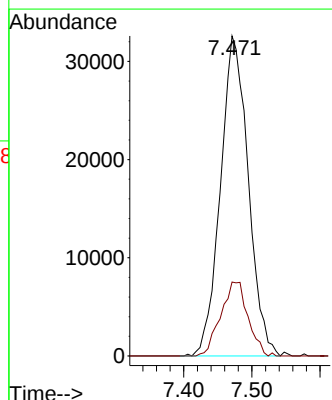
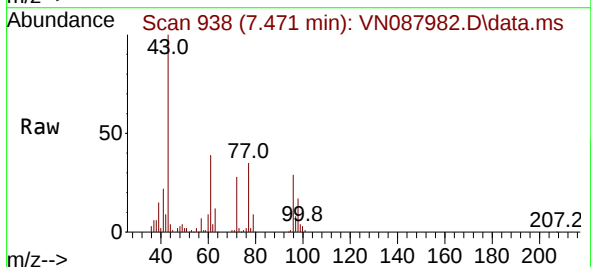
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 43 Resp: 253328
Ion Ratio Lower Upper
43 100
72 27.8 21.5 32.3



#26
2,2-Dichloropropane
Concen: 19.241 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 77 Resp: 92525
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5

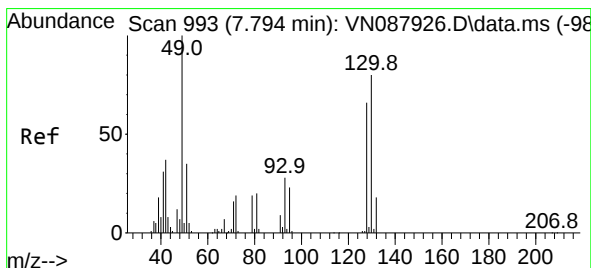
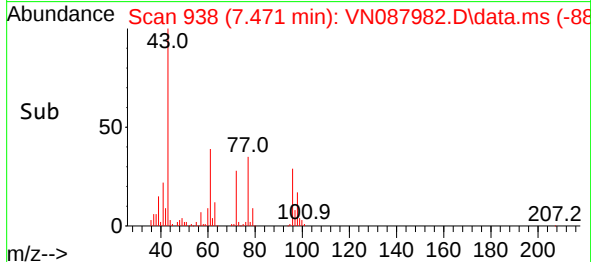
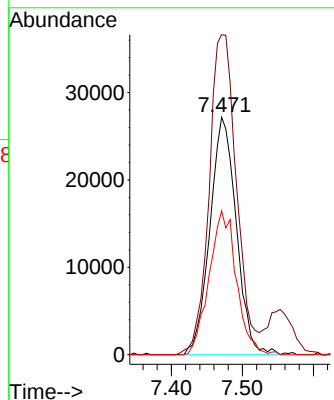
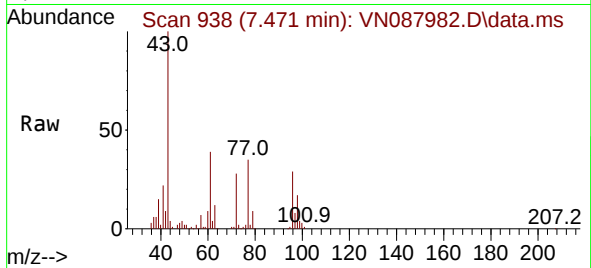




#27
 cis-1,2-Dichloroethene
 Concen: 19.716 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

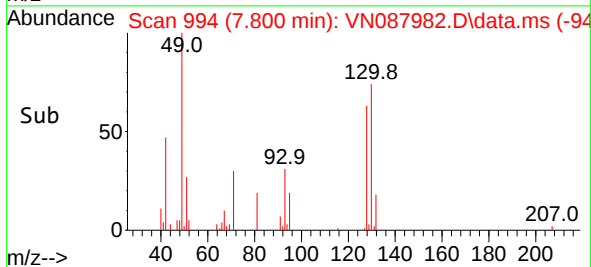
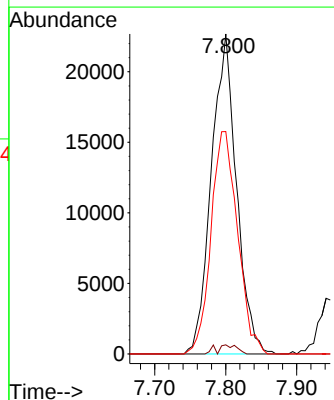
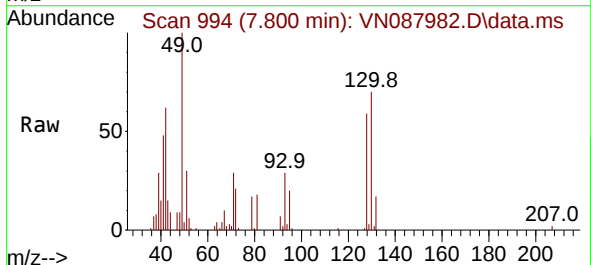
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

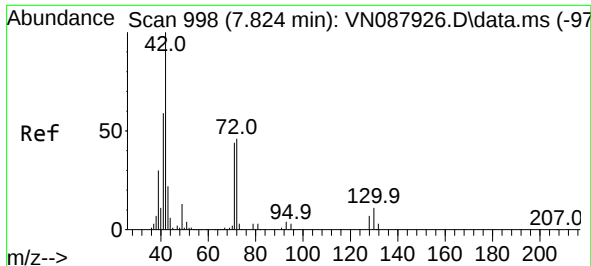
Tgt Ion: 96 Resp: 70105
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 283.0
 98 62.6 0.0 127.6



#28
 Bromochloromethane
 Concen: 18.966 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion: 49 Resp: 55772
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 5.4
 130 73.5 62.6 94.0





#29

Tetrahydrofuran

Concen: 104.251 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

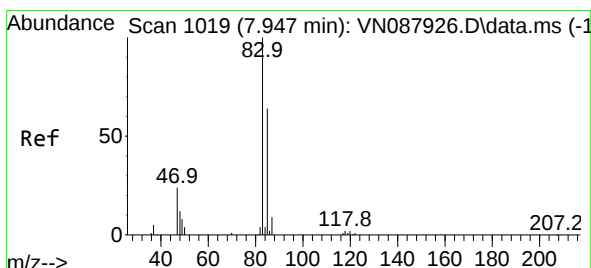
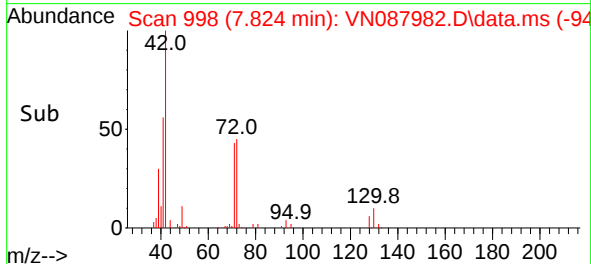
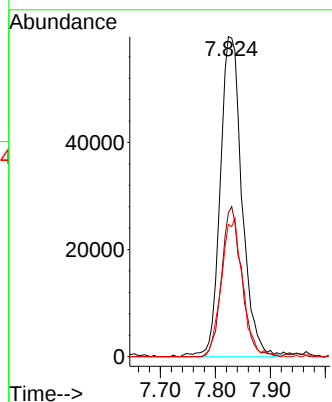
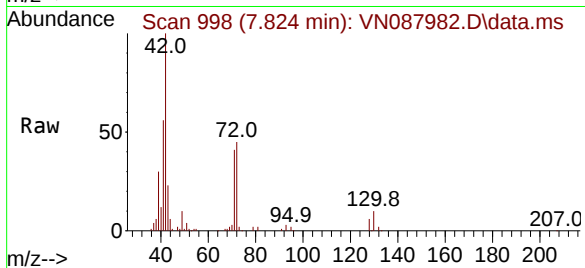
Tgt Ion: 42 Resp: 163950

Ion Ratio Lower Upper

42 100

72 43.3 36.5 54.7

71 42.4 33.8 50.8



#30

Chloroform

Concen: 20.678 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087982.D

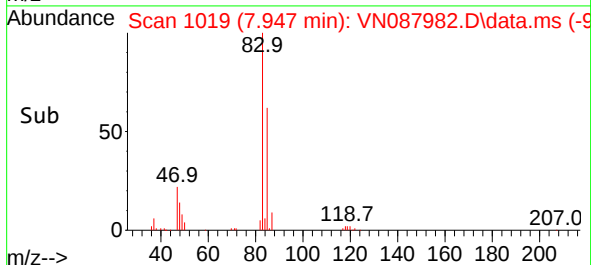
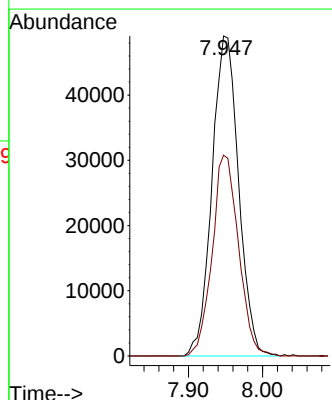
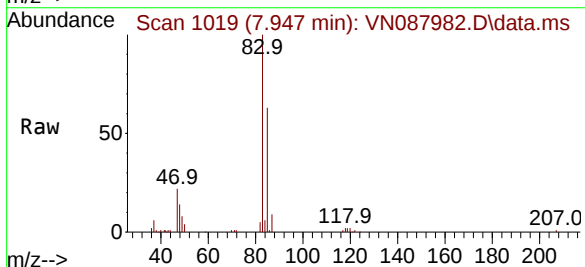
Acq: 29 Sep 2025 15:07

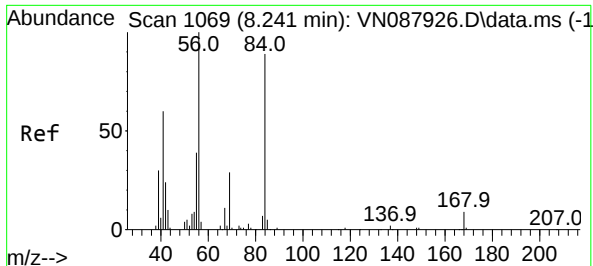
Tgt Ion: 83 Resp: 122373

Ion Ratio Lower Upper

83 100

85 62.7 50.9 76.3

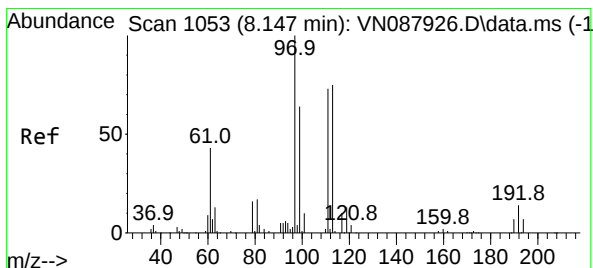
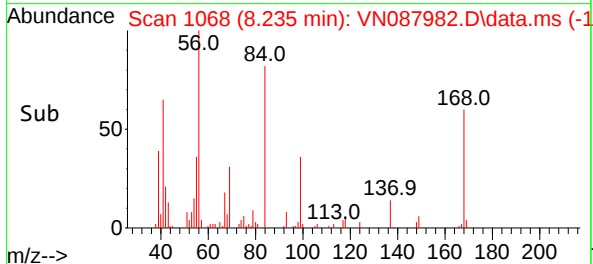
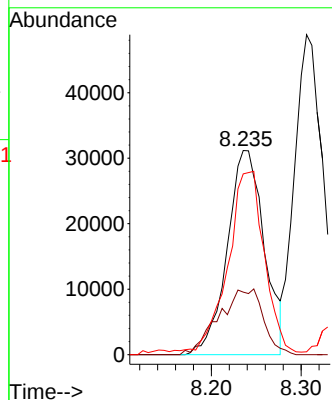
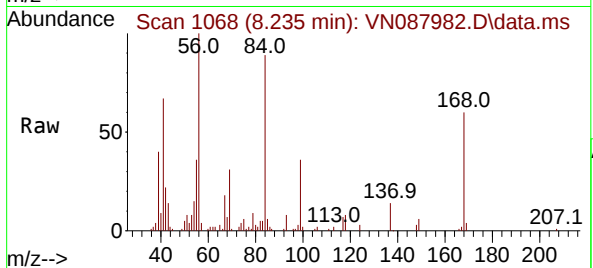




#31
Cyclohexane
Concen: 20.408 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

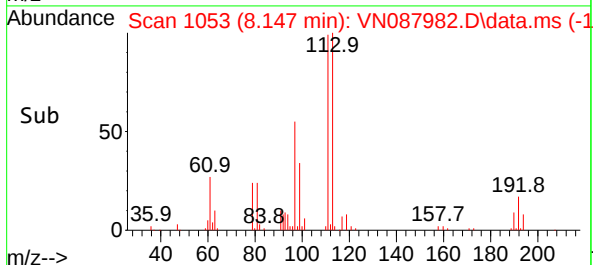
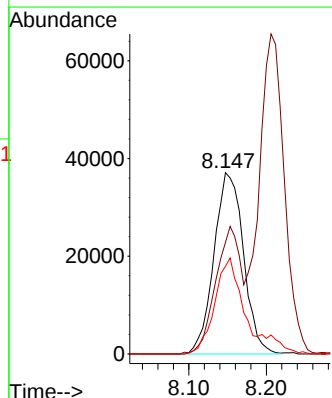
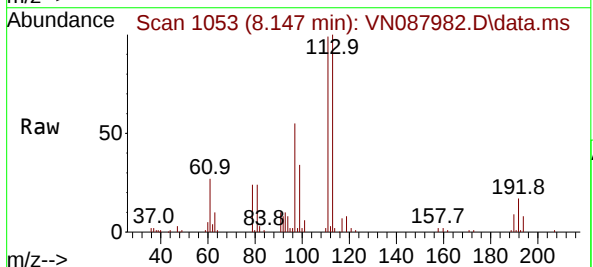
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

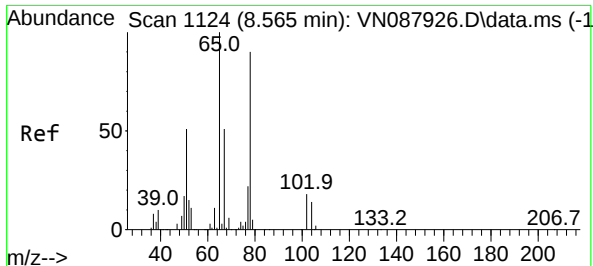
Tgt Ion: 56 Resp: 89376
Ion Ratio Lower Upper
56 100
69 30.7 23.4 35.0
84 86.6 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 19.612 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 97 Resp: 98072
Ion Ratio Lower Upper
97 100
99 59.8 51.1 76.7
61 48.5 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 55.856 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

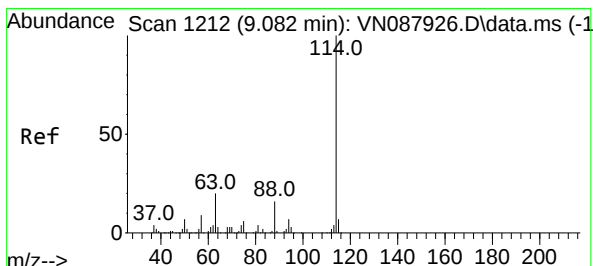
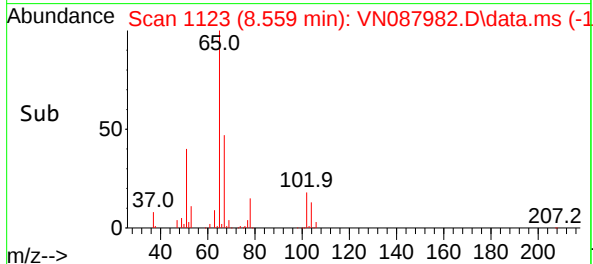
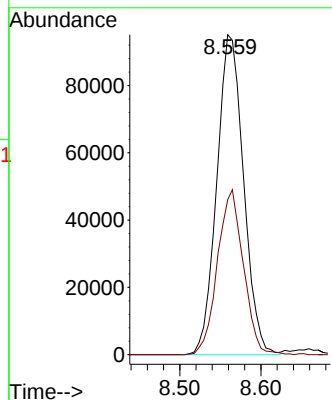
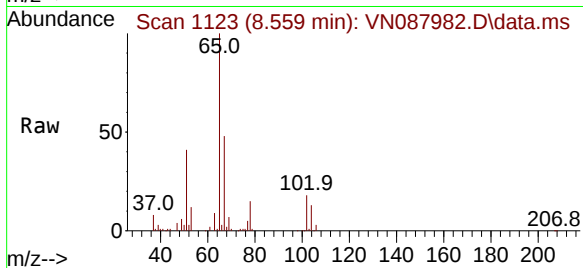
VN0929WBSD01

Tgt Ion: 65 Resp: 218145

Ion Ratio Lower Upper

65 100

67 49.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

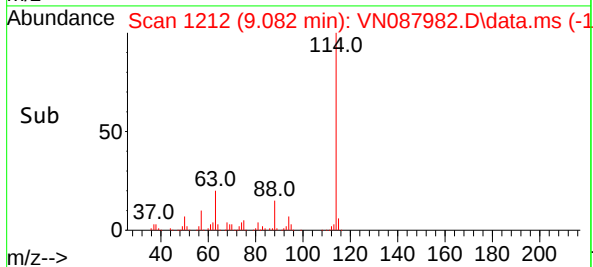
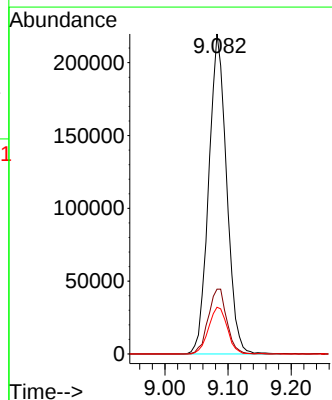
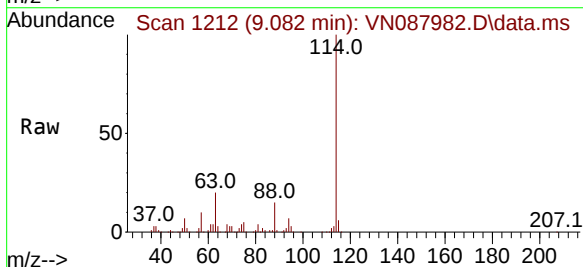
Tgt Ion:114 Resp: 432175

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.534 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

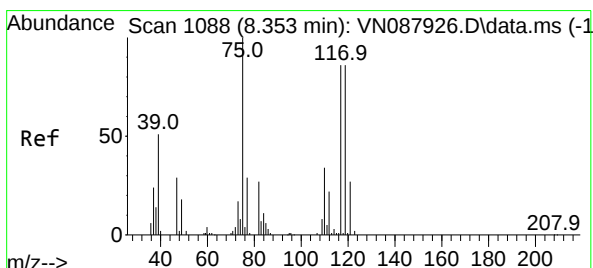
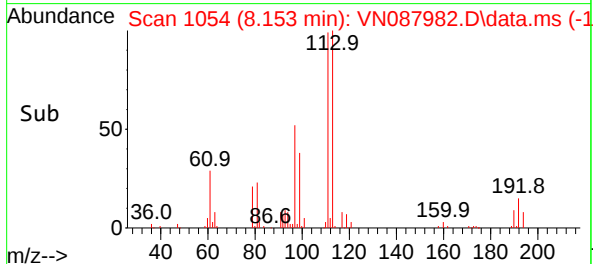
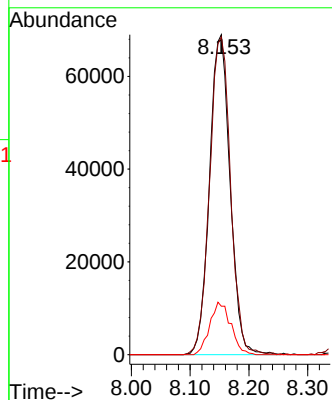
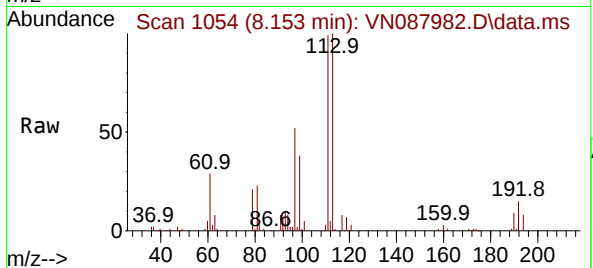
Tgt Ion:113 Resp: 167982

Ion Ratio Lower Upper

113 100

111 101.0 82.2 123.2

192 16.8 14.2 21.2



#36

1,1-Dichloropropene

Concen: 19.723 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

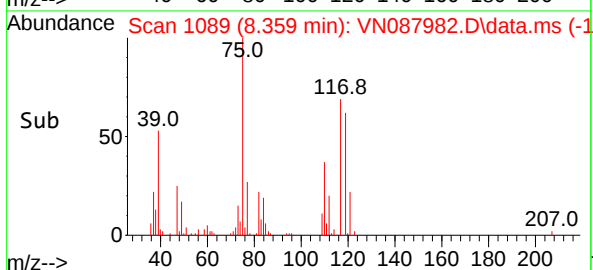
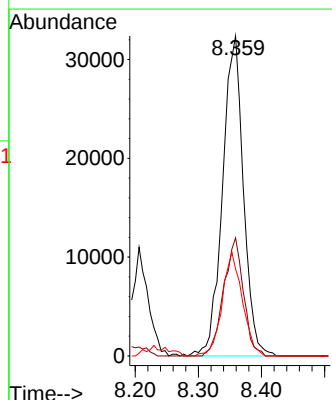
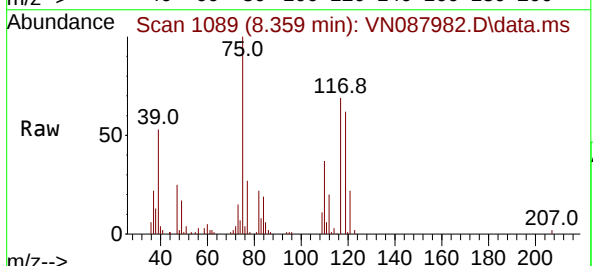
Tgt Ion: 75 Resp: 74416

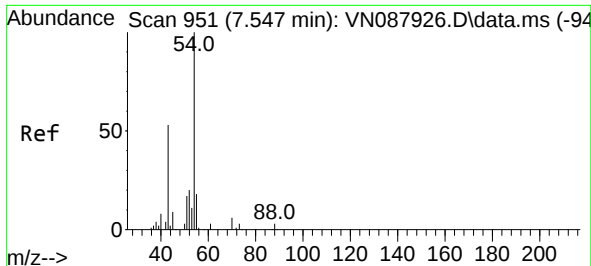
Ion Ratio Lower Upper

75 100

110 35.0 17.1 51.3

77 31.4 24.8 37.2

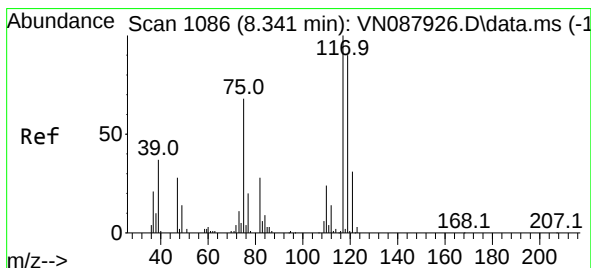
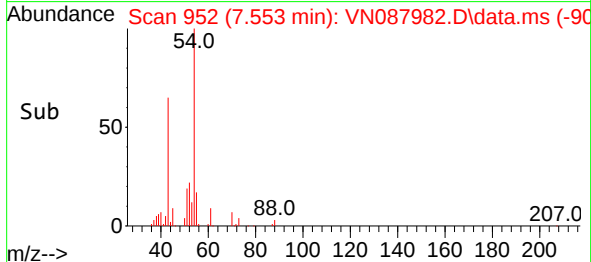
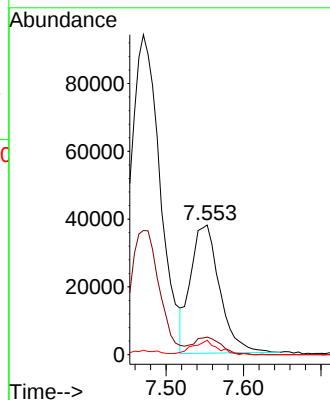
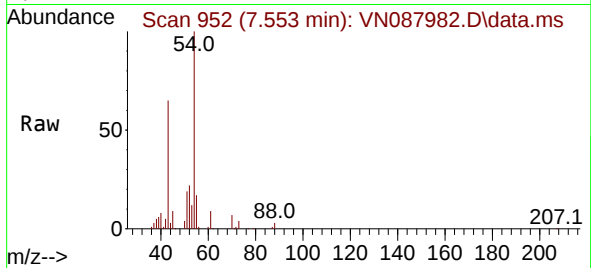




#37
Ethyl Acetate
Concen: 19.919 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

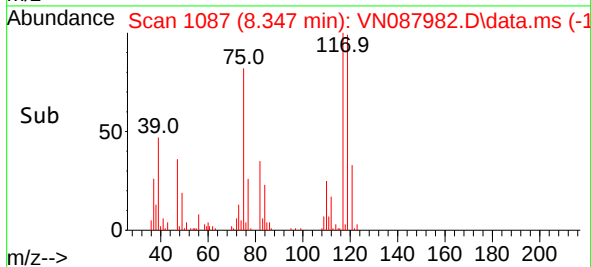
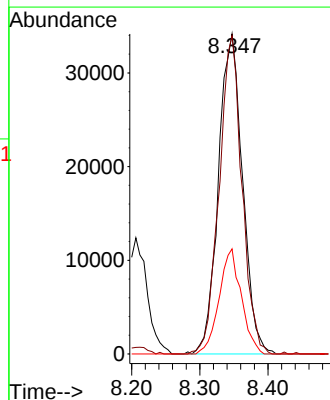
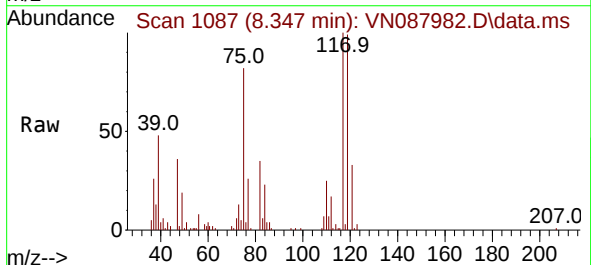
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion: 43 Resp: 98693
Ion Ratio Lower Upper
43 100
61 13.2 10.7 16.1
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.431 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 117 Resp: 84127
Ion Ratio Lower Upper
117 100
119 99.4 72.1 108.1
121 32.9 24.6 36.8





#39

Methylcyclohexane

Concen: 18.335 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

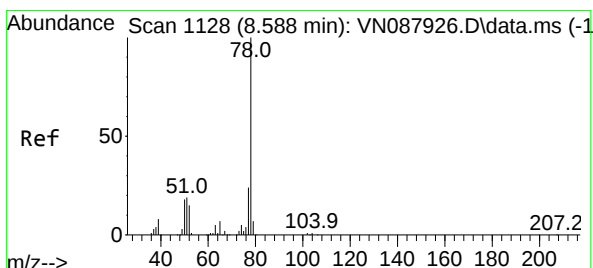
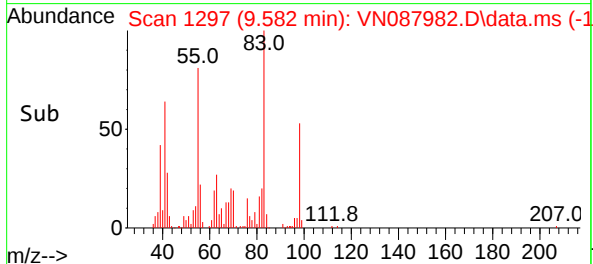
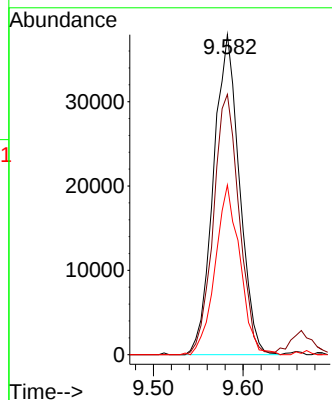
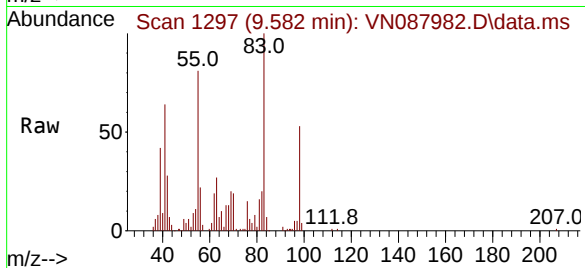
Tgt Ion: 83 Resp: 76315

Ion Ratio Lower Upper

83 100

55 81.4 59.9 89.9

98 53.0 37.4 56.2



#40

Benzene

Concen: 19.702 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN087982.D

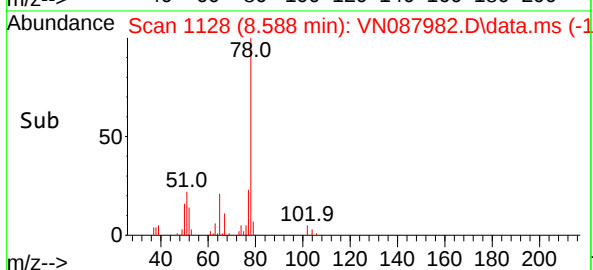
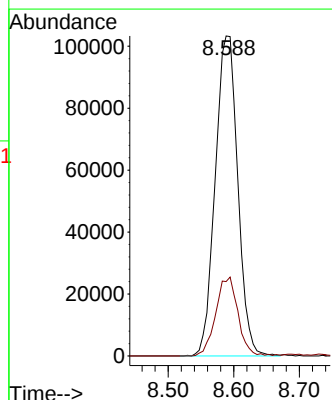
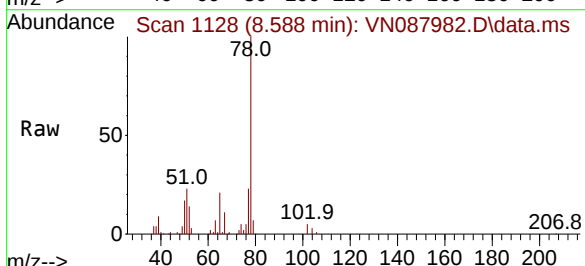
Acq: 29 Sep 2025 15:07

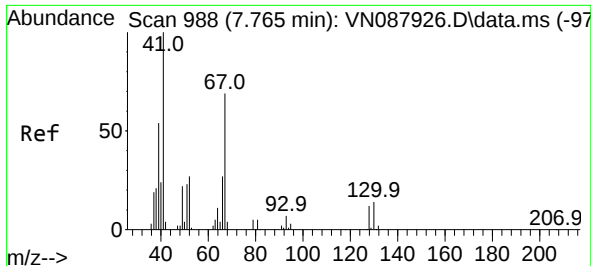
Tgt Ion: 78 Resp: 246133

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

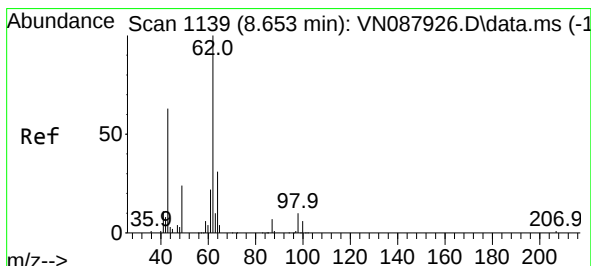
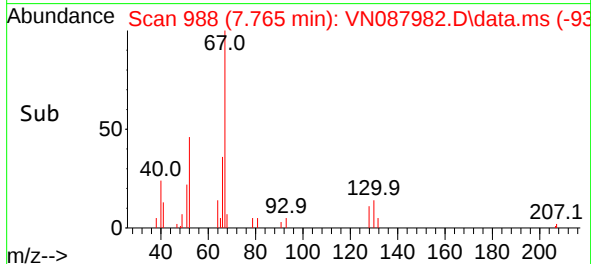
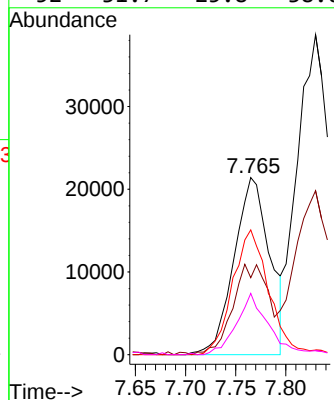
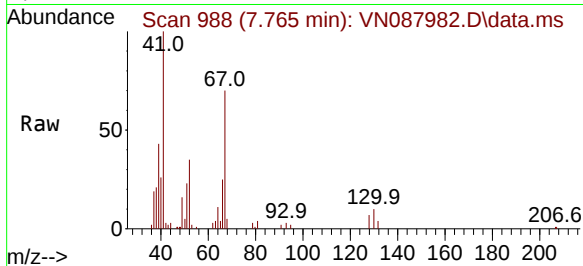




#41
Methacrylonitrile
Concen: 20.761 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

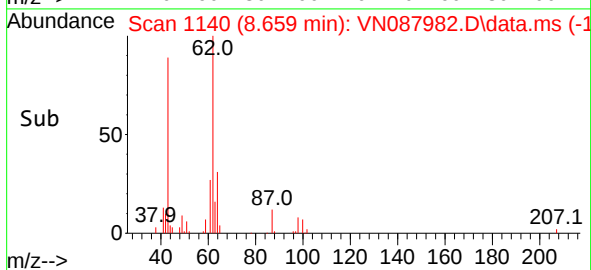
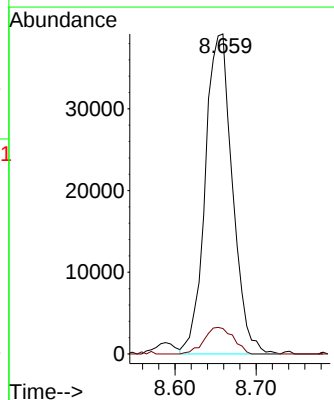
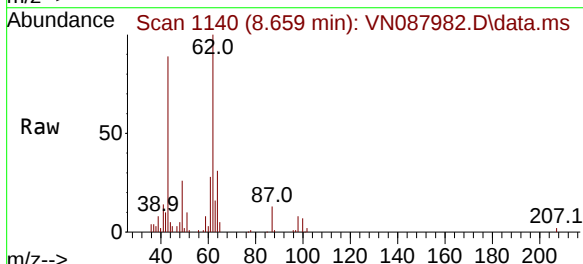
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

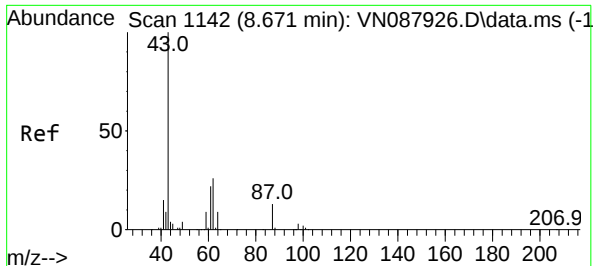
Tgt Ion:	41	Resp:	53159
Ion	Ratio	Lower	Upper
41	100		
39	50.0	43.5	65.3
67	72.1	57.6	86.4
52	31.7	25.8	38.6



#42
1,2-Dichloroethane
Concen: 19.561 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:	62	Resp:	91196
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.6

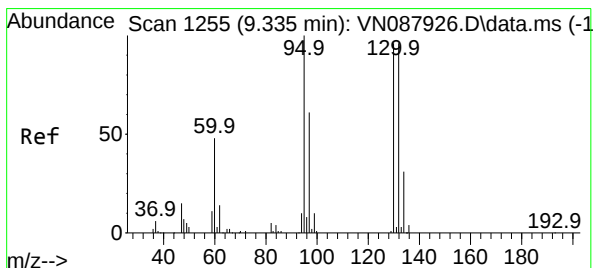
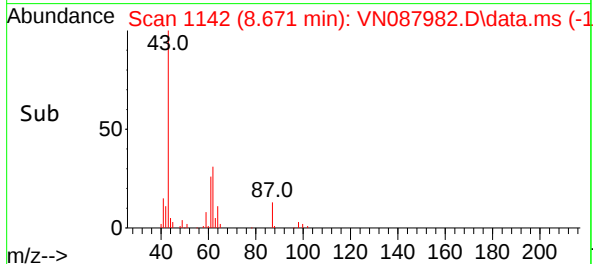
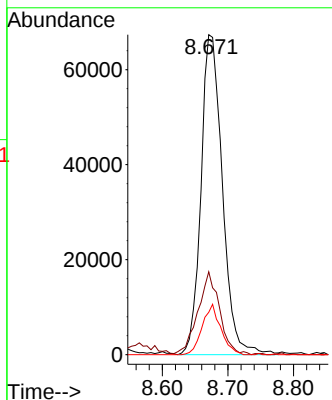
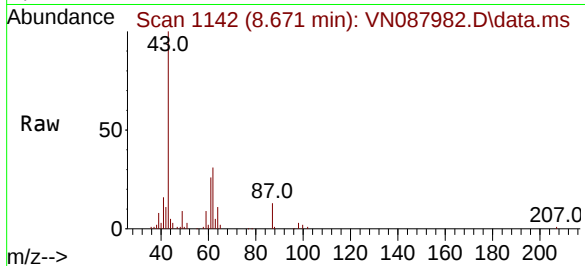




#43
Isopropyl Acetate
Concen: 19.645 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

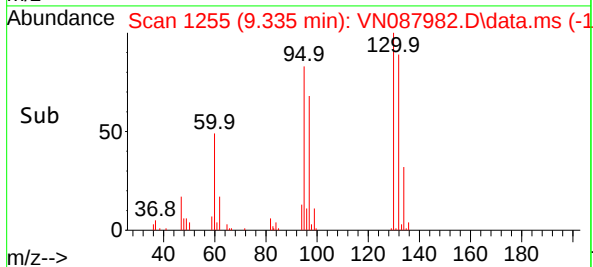
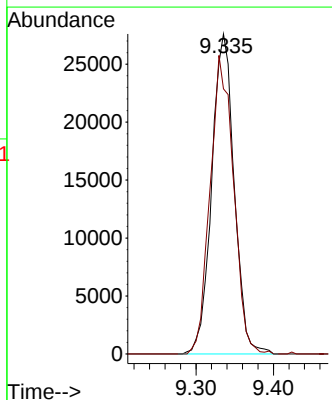
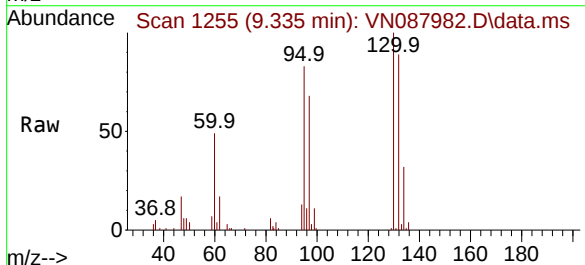
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

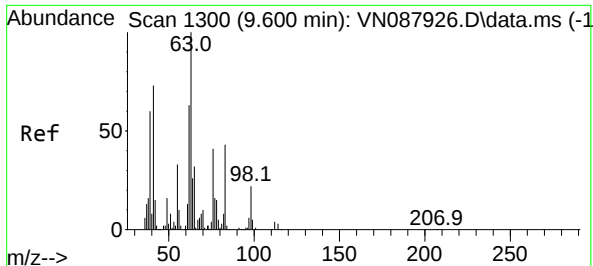
Tgt Ion: 43 Resp: 153207
Ion Ratio Lower Upper
43 100
61 26.1 20.2 30.2
87 13.7 10.9 16.3



#44
Trichloroethene
Concen: 18.674 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:130 Resp: 55725
Ion Ratio Lower Upper
130 100
95 82.8 0.0 208.0





#45

1,2-Dichloropropane

Concen: 19.903 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

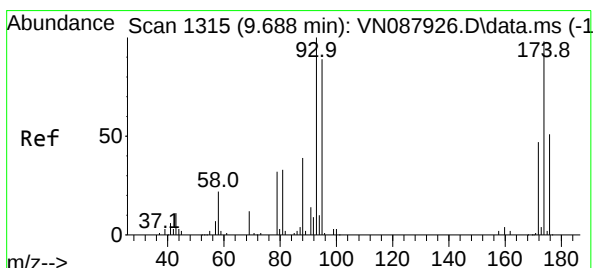
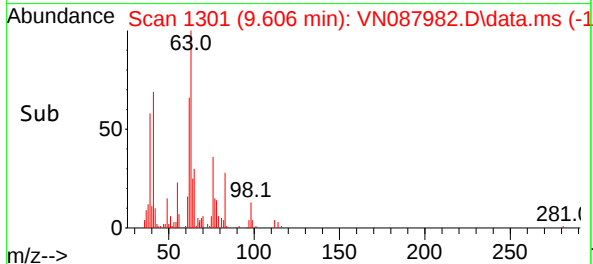
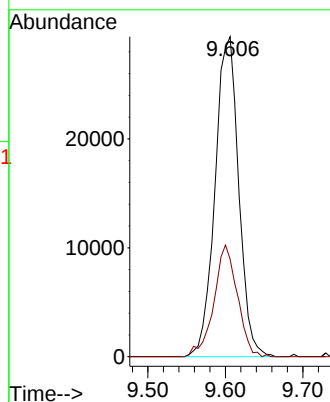
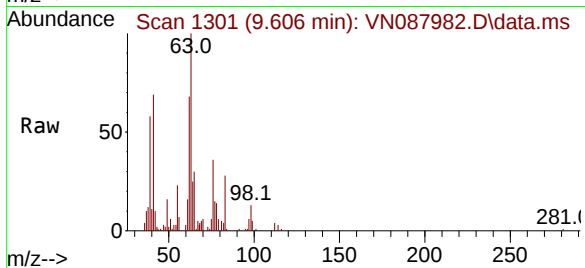
VN0929WBSD01

Tgt Ion: 63 Resp: 62347

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.0



#46

Dibromomethane

Concen: 19.762 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

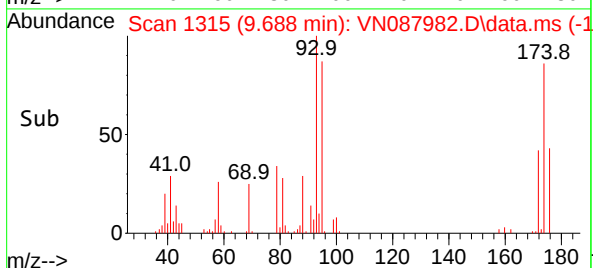
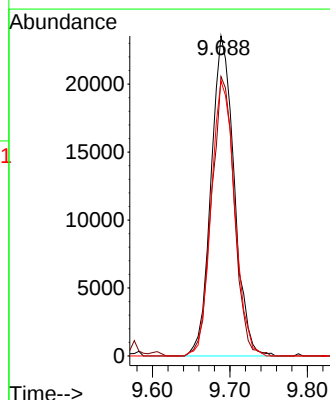
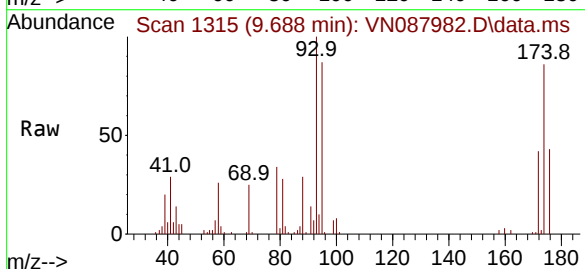
Tgt Ion: 93 Resp: 48849

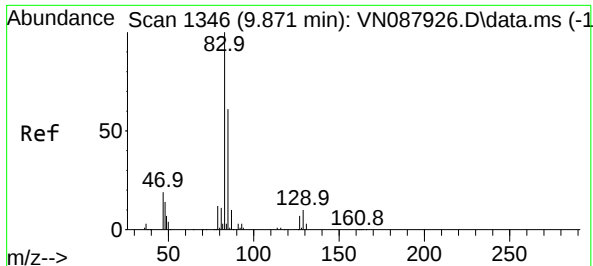
Ion Ratio Lower Upper

93 100

95 85.3 67.6 101.4

174 87.1 75.4 113.0





#47

Bromodichloromethane

Concen: 19.549 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

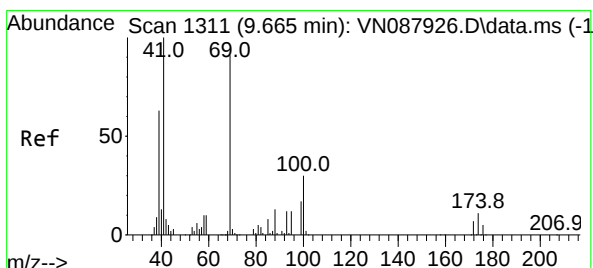
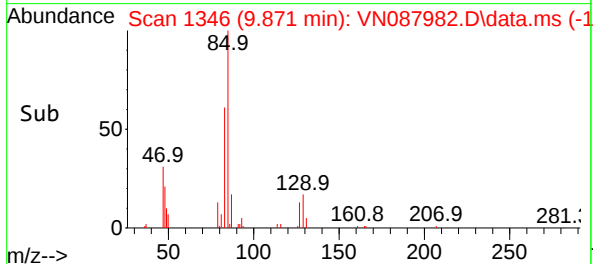
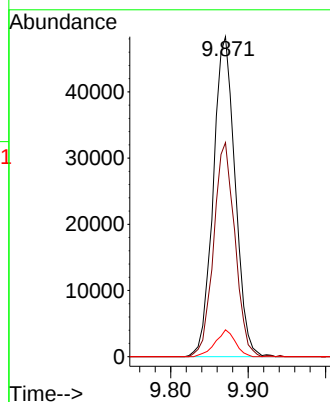
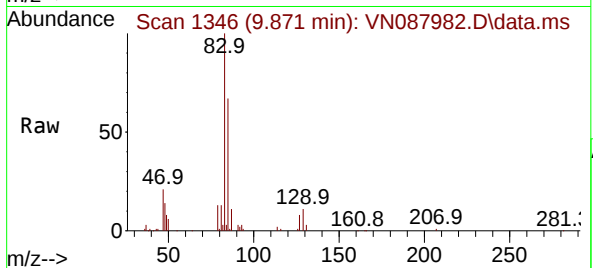
Tgt Ion: 83 Resp: 94776

Ion Ratio Lower Upper

83 100

85 66.9 49.1 73.7

127 8.4 5.9 8.9



#48

Methyl methacrylate

Concen: 19.090 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

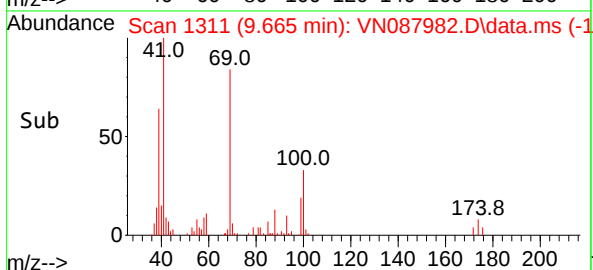
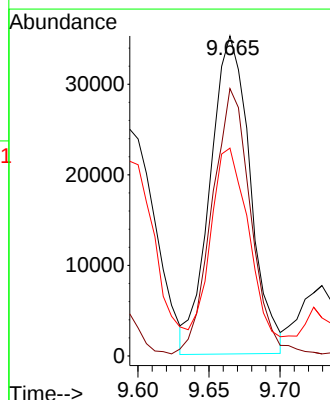
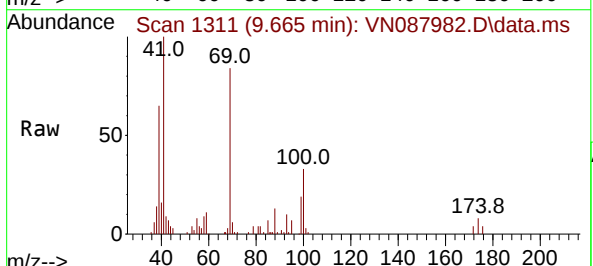
Tgt Ion: 41 Resp: 68945

Ion Ratio Lower Upper

41 100

69 81.2 70.9 106.3

39 64.9 52.9 79.3





#49

1,4-Dioxane

Concen: 405.193 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

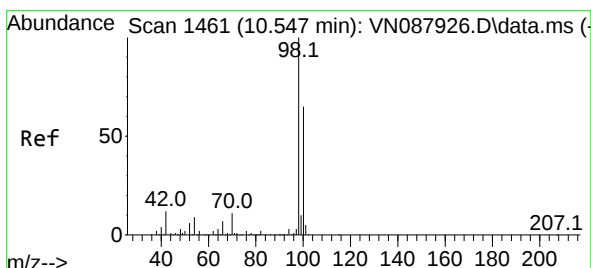
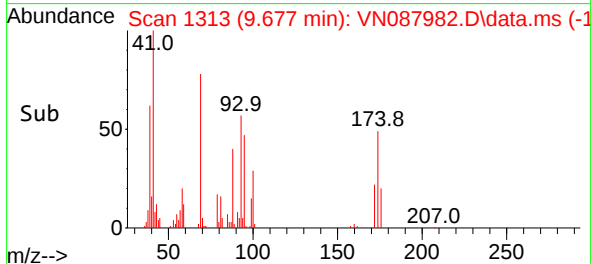
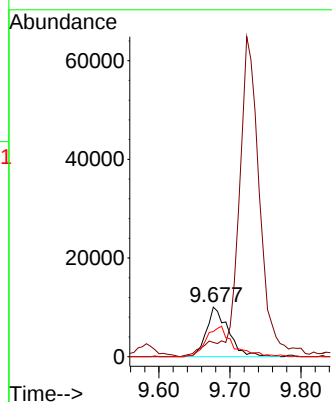
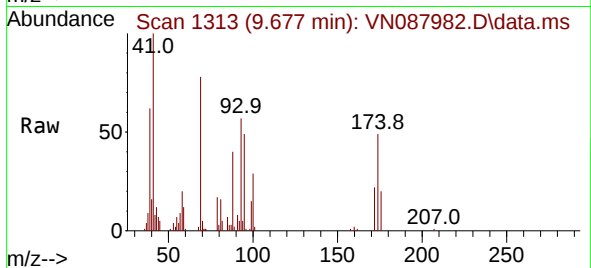
Tgt Ion: 88 Resp: 21619

Ion Ratio Lower Upper

88 100

43 25.3 22.6 33.8

58 73.5 57.4 86.2



#50

Toluene-d8

Concen: 53.379 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087982.D

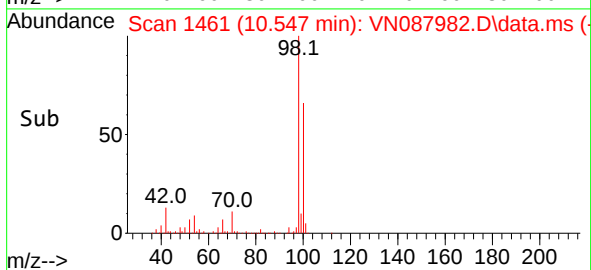
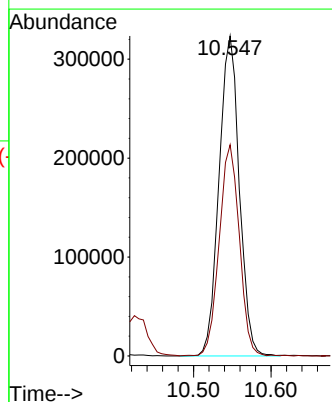
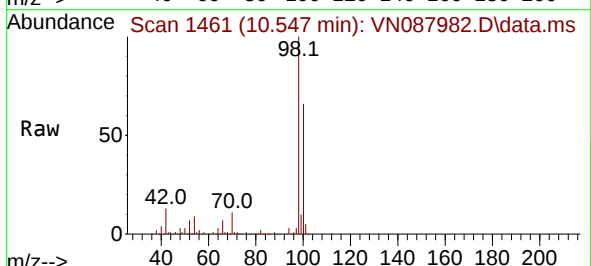
Acq: 29 Sep 2025 15:07

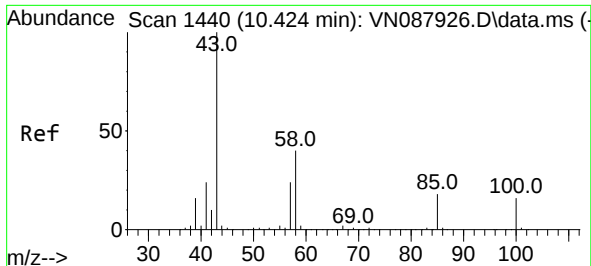
Tgt Ion: 98 Resp: 589007

Ion Ratio Lower Upper

98 100

100 65.5 51.7 77.5

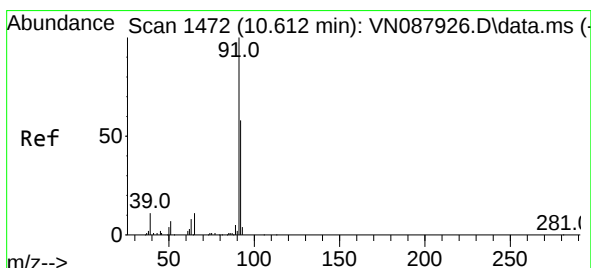
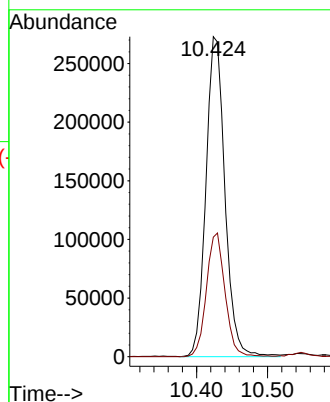
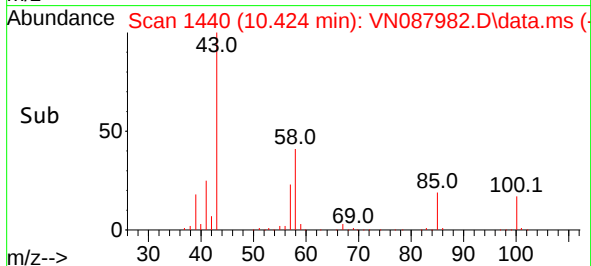
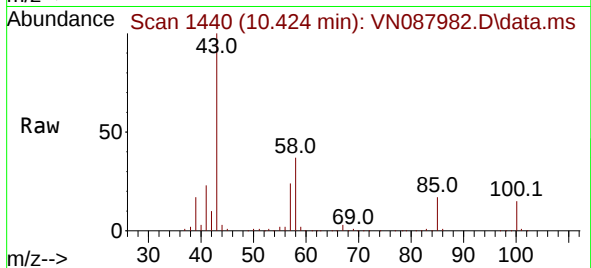




#51
4-Methyl-2-Pentanone
Concen: 104.566 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

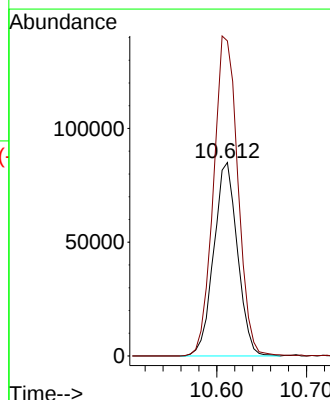
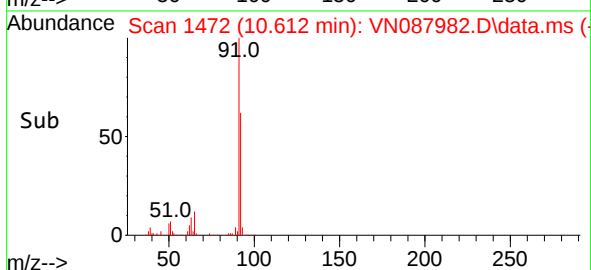
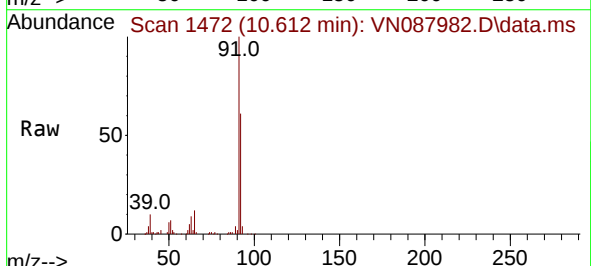
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

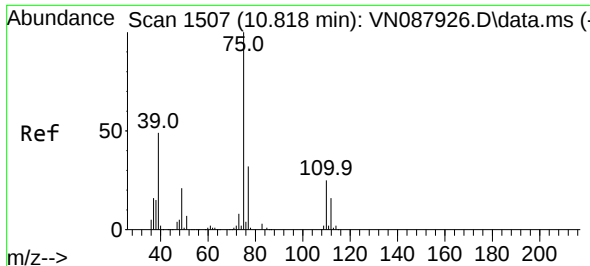
Tgt Ion: 43 Resp: 508873
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.6



#52
Toluene
Concen: 19.894 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 92 Resp: 155964
Ion Ratio Lower Upper
92 100
91 170.3 138.2 207.2

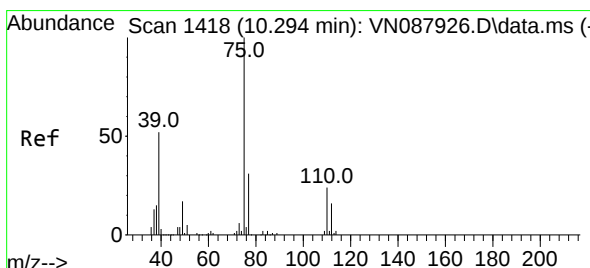
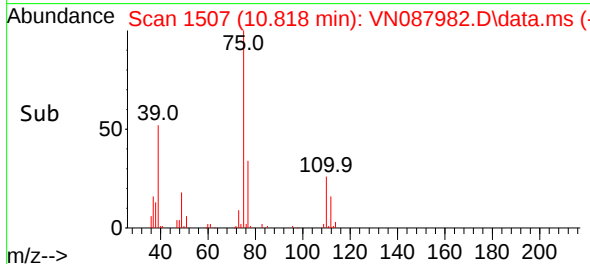
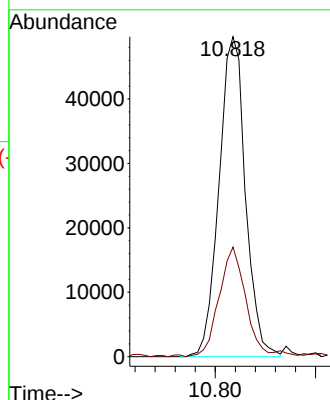
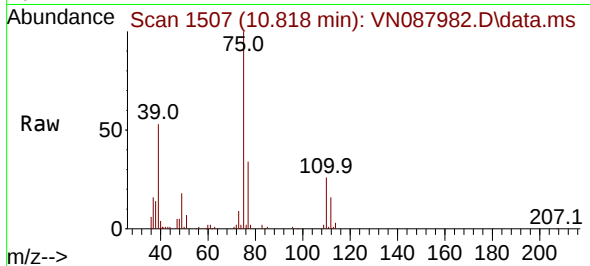




#53
t-1,3-Dichloropropene
Concen: 18.260 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

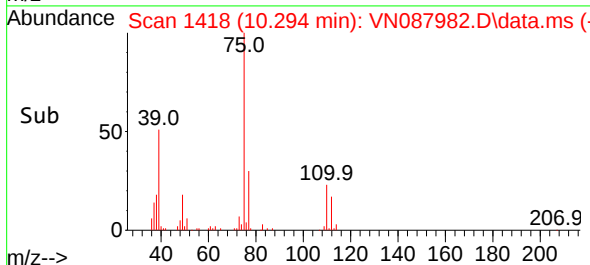
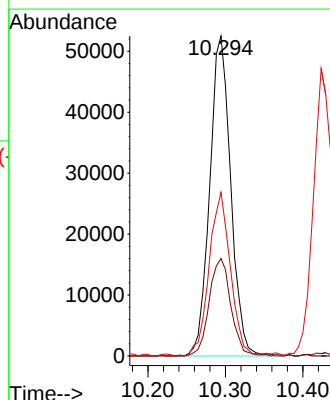
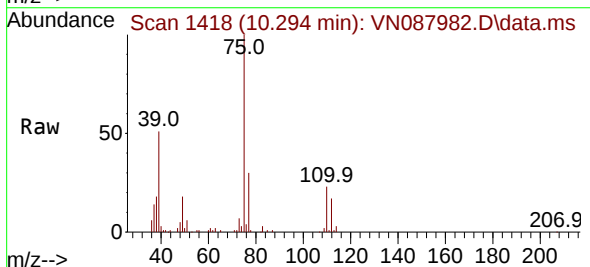
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

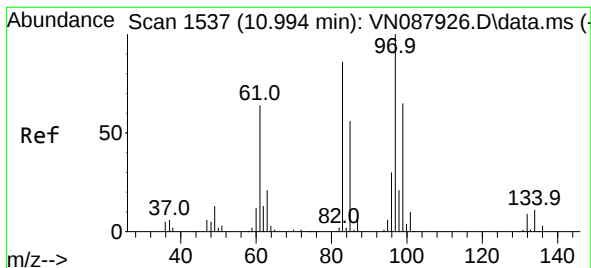
Tgt Ion: 75 Resp: 90604
Ion Ratio Lower Upper
75 100
77 33.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.180 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 75 Resp: 98843
Ion Ratio Lower Upper
75 100
77 30.2 24.7 37.1
39 51.1 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 19.949 ug/l

RT: 10.994 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

Tgt Ion: 97 Resp: 63590

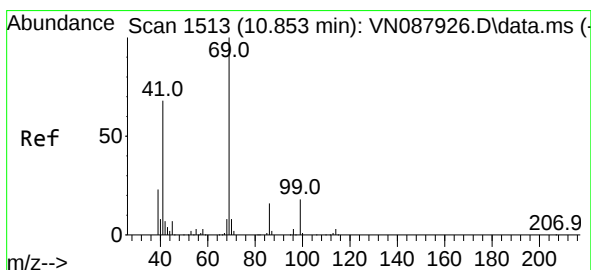
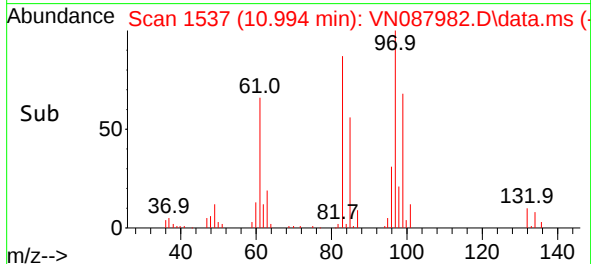
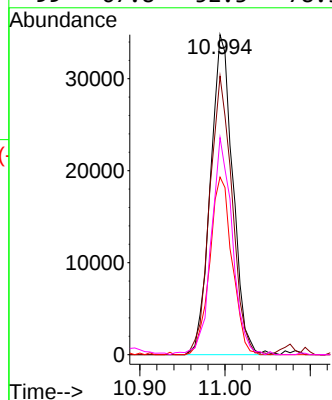
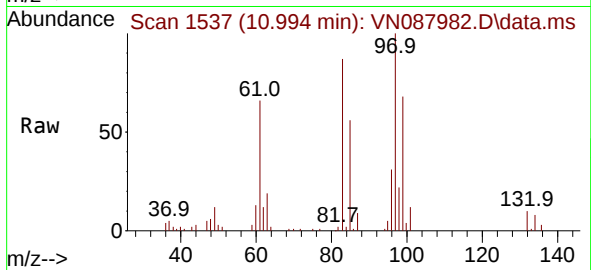
Ion Ratio Lower Upper

97 100

83 87.1 69.0 103.4

85 55.5 44.4 66.6

99 67.8 52.3 78.5



#56

Ethyl methacrylate

Concen: 18.388 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

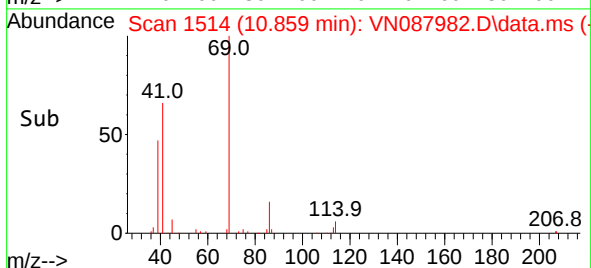
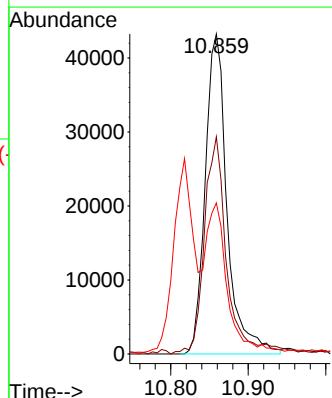
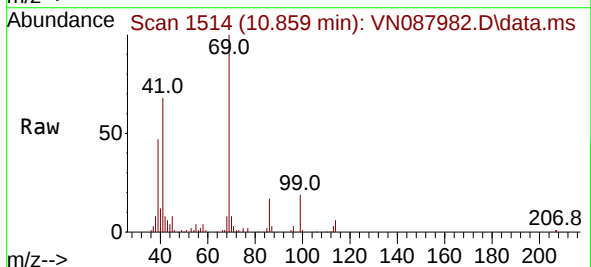
Tgt Ion: 69 Resp: 84694

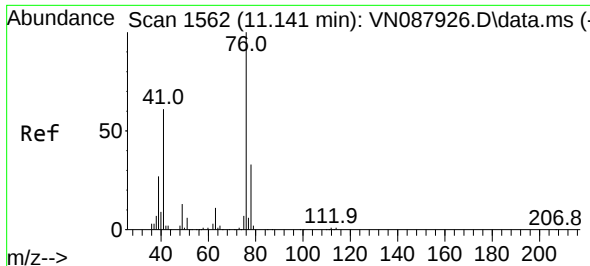
Ion Ratio Lower Upper

69 100

41 70.3 53.8 80.6

39 46.9 34.7 52.1





#57

1,3-Dichloropropane

Concen: 19.835 ug/l

RT: 11.147 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

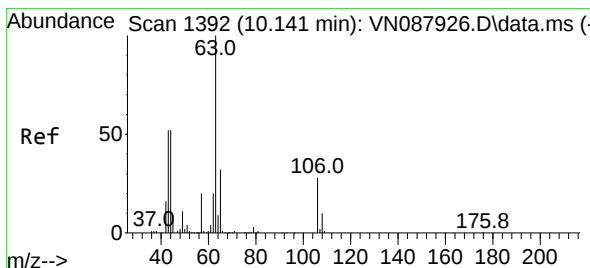
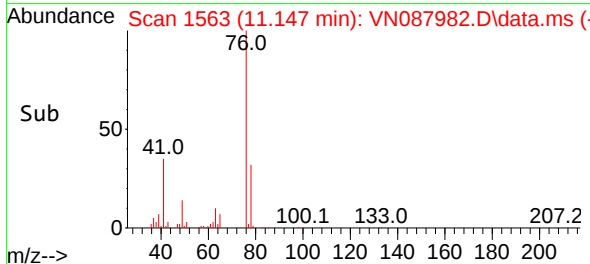
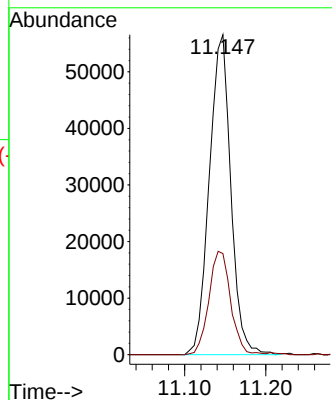
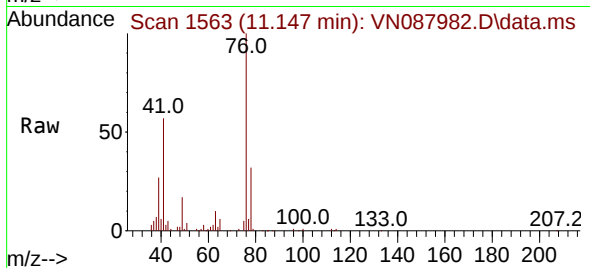
VN0929WBSD01

Tgt Ion: 76 Resp: 103995

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 111.501 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087982.D

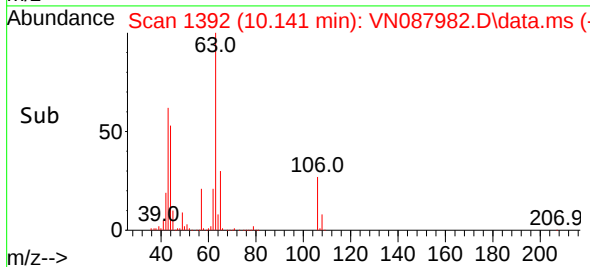
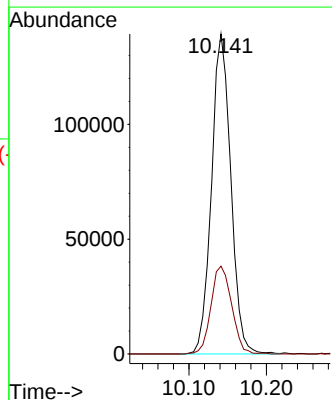
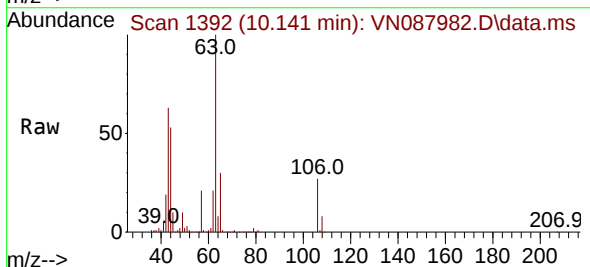
Acq: 29 Sep 2025 15:07

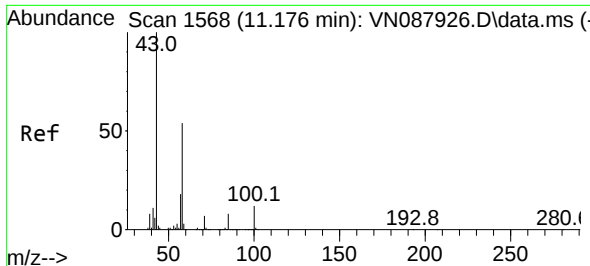
Tgt Ion: 63 Resp: 241467

Ion Ratio Lower Upper

63 100

106 29.3 22.6 33.8

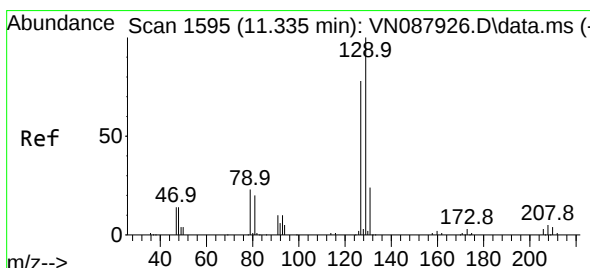
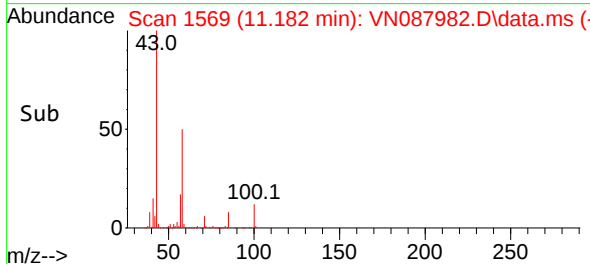
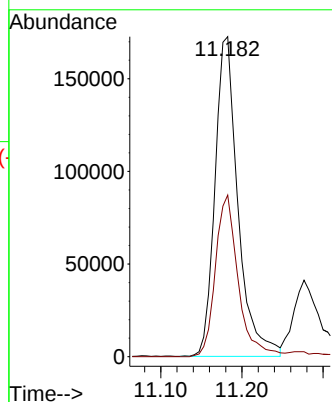
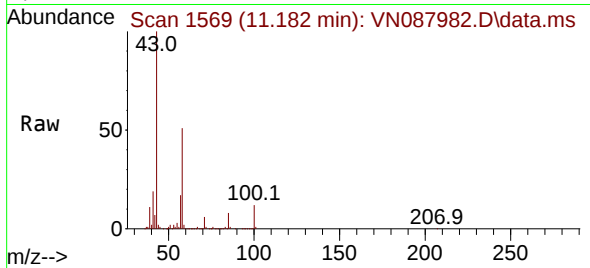




#59
2-Hexanone
Concen: 105.353 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

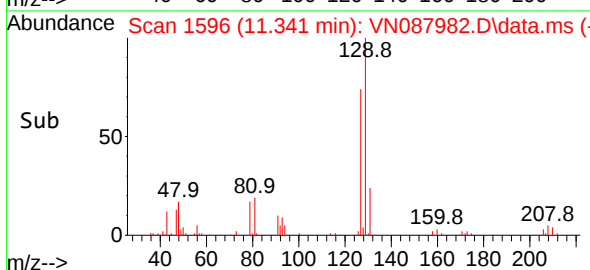
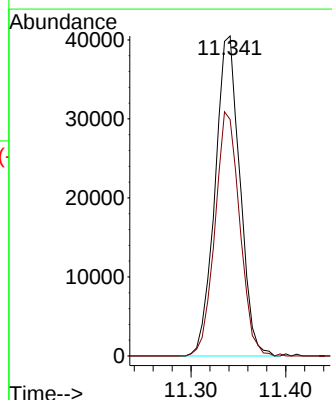
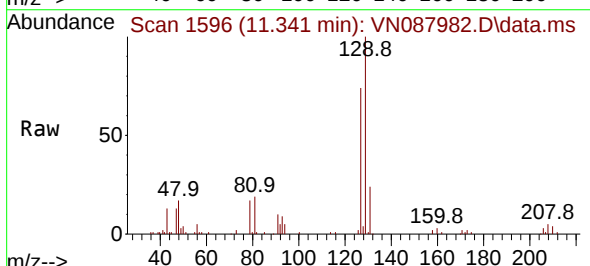
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

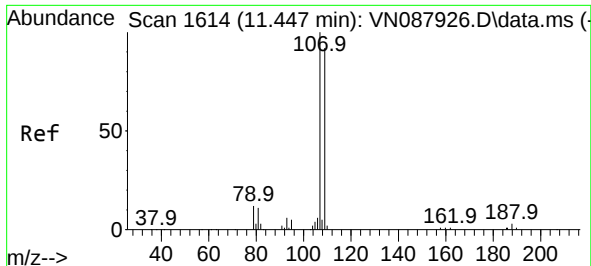
Tgt Ion: 43 Resp: 339010
Ion Ratio Lower Upper
43 100
58 50.2 26.4 79.2



#60
Dibromochloromethane
Concen: 19.724 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 129 Resp: 73923
Ion Ratio Lower Upper
129 100
127 75.9 39.3 117.9

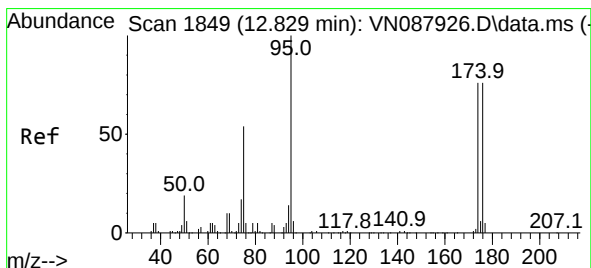
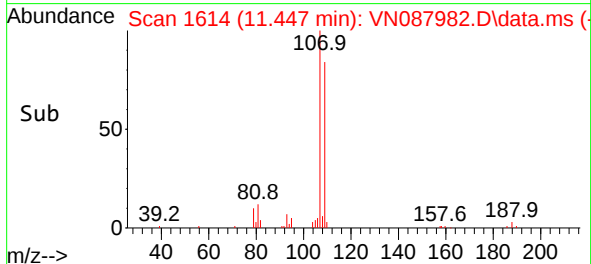
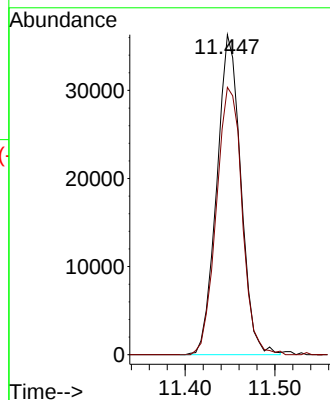
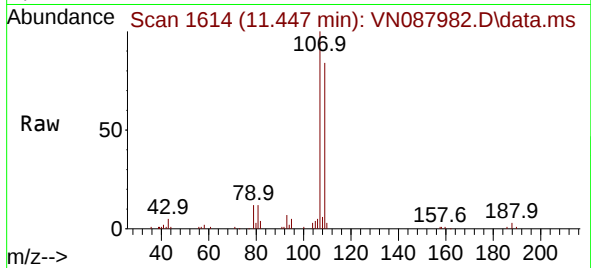




#61
1,2-Dibromoethane
Concen: 20.006 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

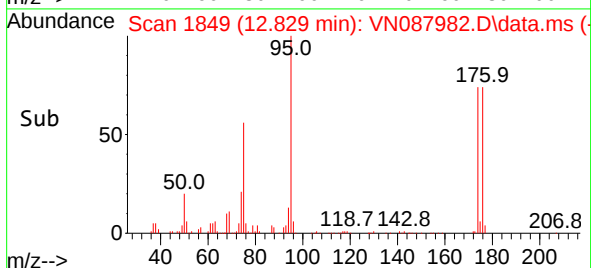
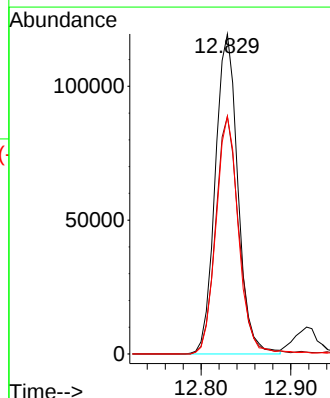
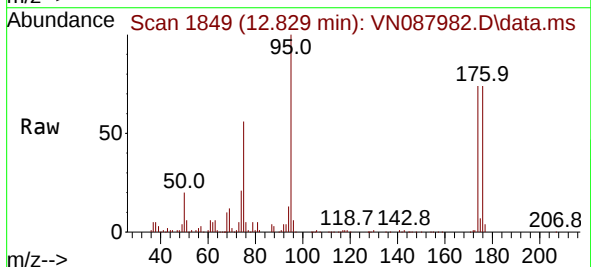
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

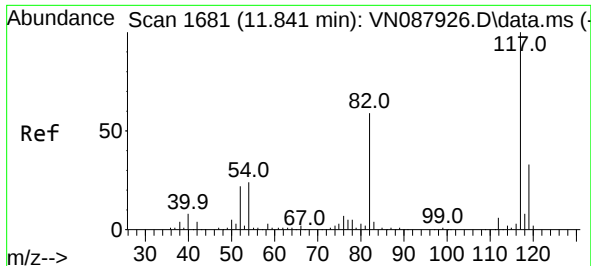
Tgt Ion:107 Resp: 67510
Ion Ratio Lower Upper
107 100
109 89.5 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 53.118 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 95 Resp: 209511
Ion Ratio Lower Upper
95 100
174 75.6 0.0 159.2
176 74.4 0.0 152.6

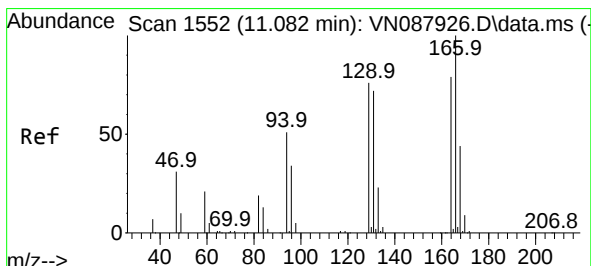
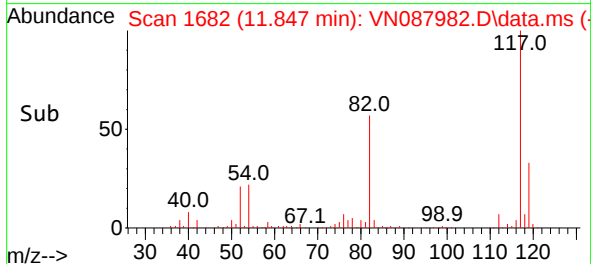
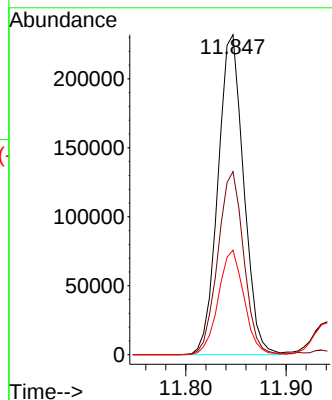
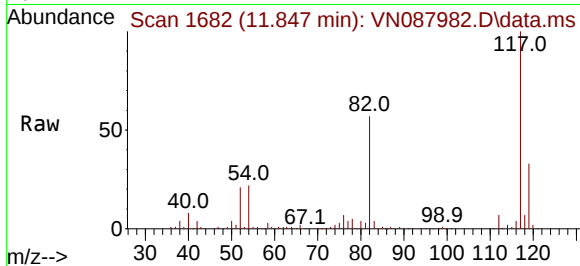




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

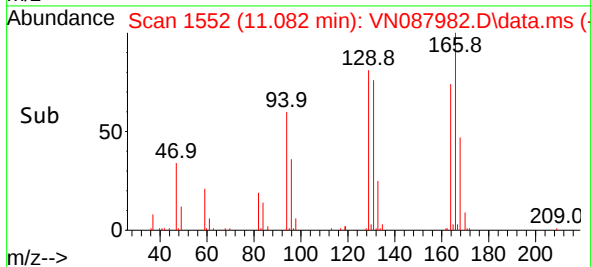
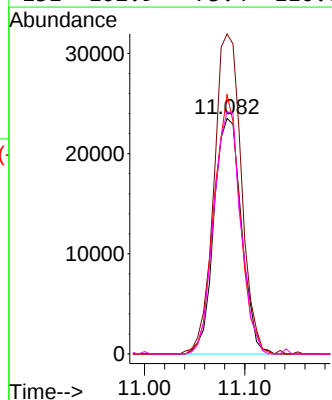
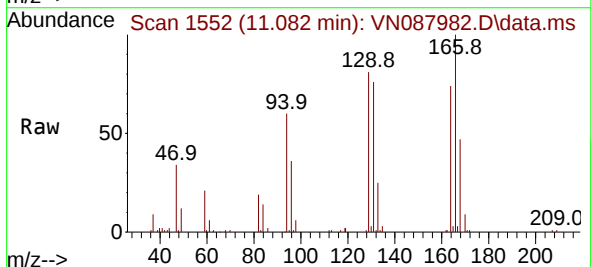
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

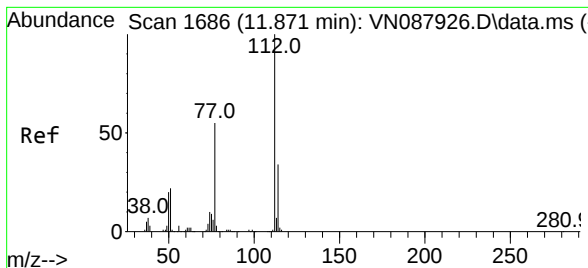
Tgt Ion:117 Resp: 412773
Ion Ratio Lower Upper
117 100
82 57.2 47.0 70.4
119 32.7 26.1 39.1



#64
Tetrachloroethene
Concen: 17.799 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:164 Resp: 44754
Ion Ratio Lower Upper
164 100
166 135.9 101.6 152.4
129 110.0 77.5 116.3
131 102.9 73.4 110.0

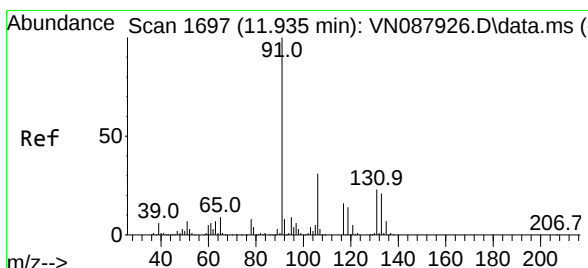
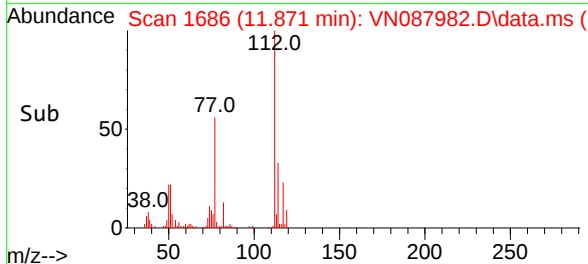
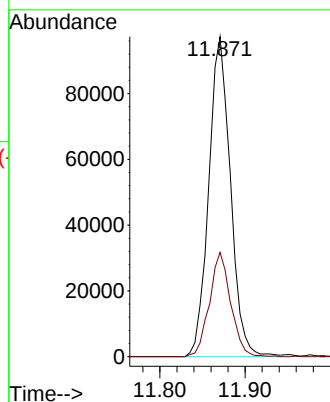
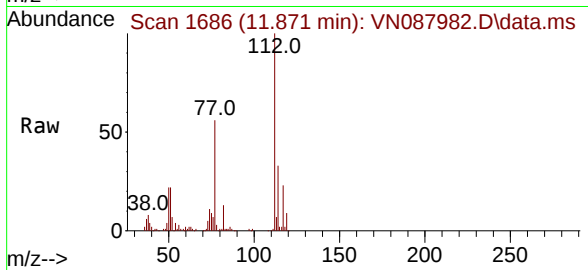




#65
Chlorobenzene
Concen: 19.603 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

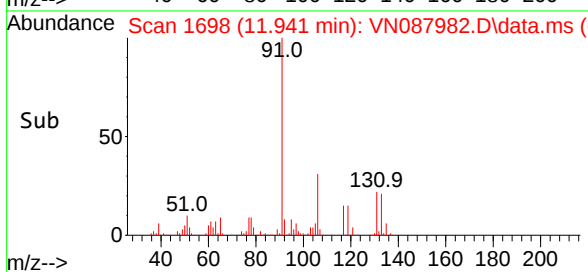
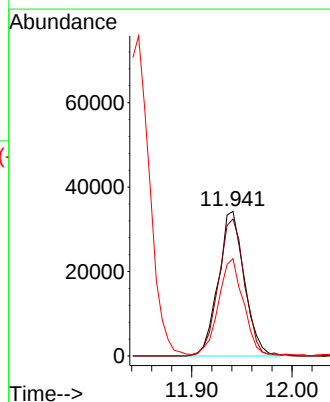
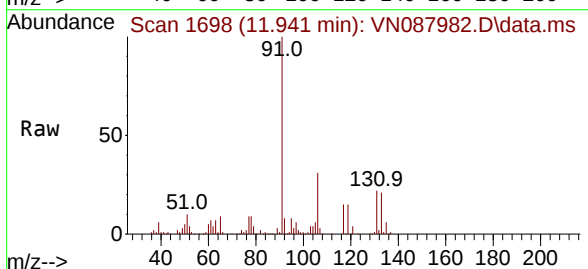
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

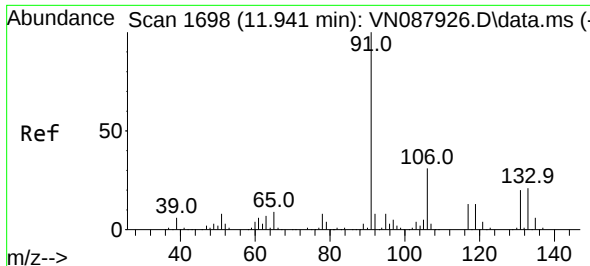
Tgt Ion:112 Resp: 172194
Ion Ratio Lower Upper
112 100
114 32.6 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.411 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:131 Resp: 61489
Ion Ratio Lower Upper
131 100
133 95.7 48.4 145.0
119 66.4 31.9 95.5

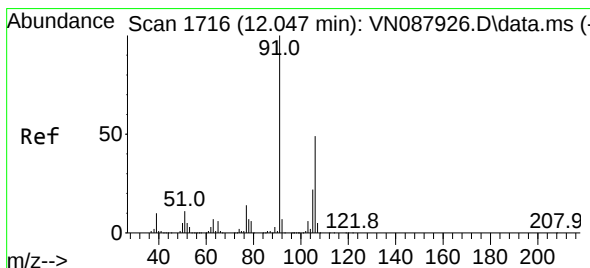
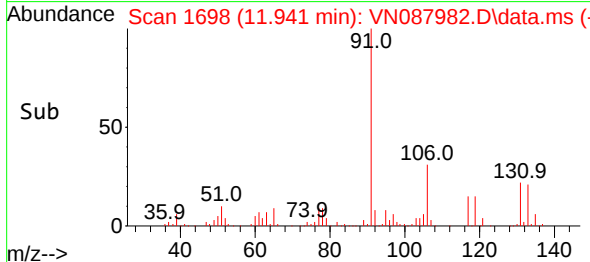
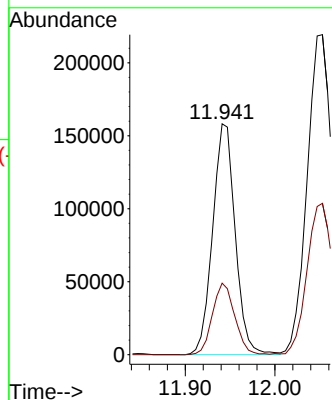
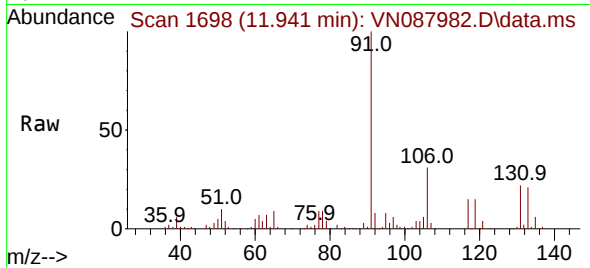




#67
Ethyl Benzene
Concen: 18.857 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

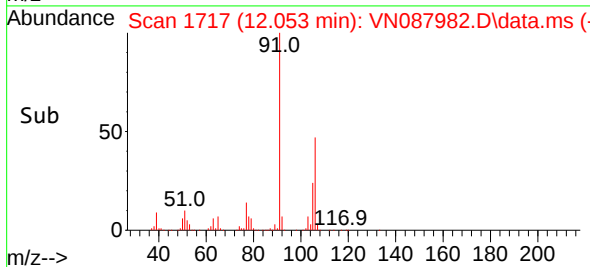
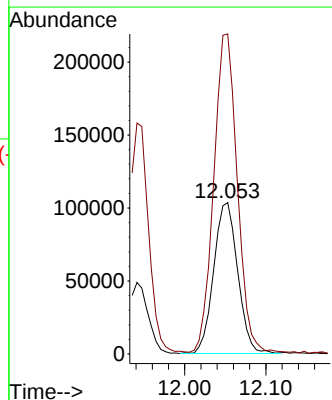
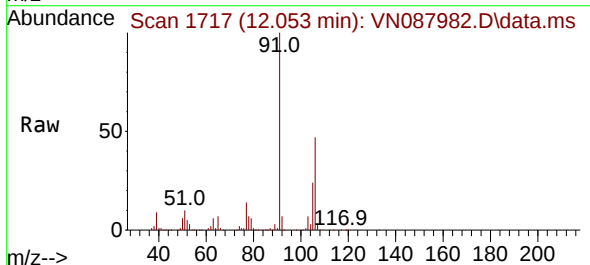
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

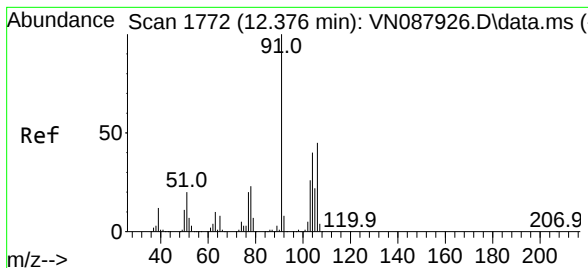
Tgt Ion: 91 Resp: 276391
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 37.871 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 106 Resp: 212293
Ion Ratio Lower Upper
106 100
91 208.4 162.9 244.3

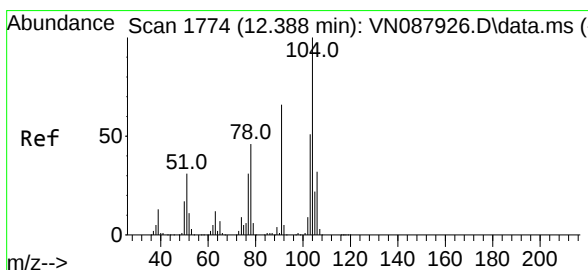
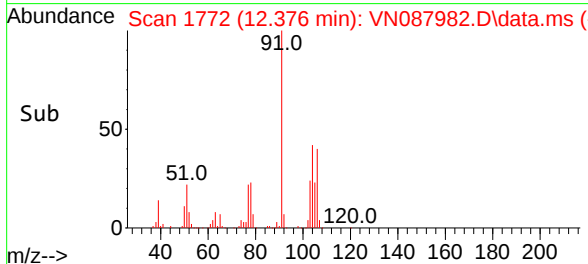
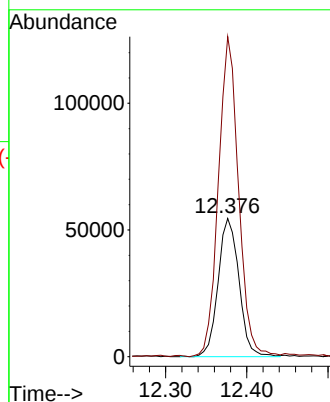
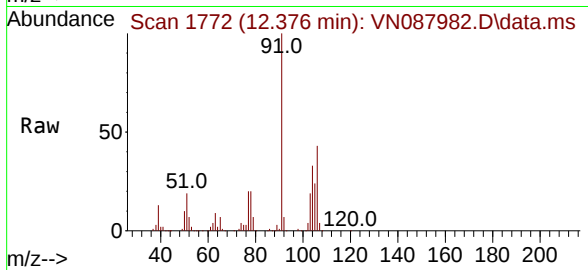




#69
o-Xylene
Concen: 18.113 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

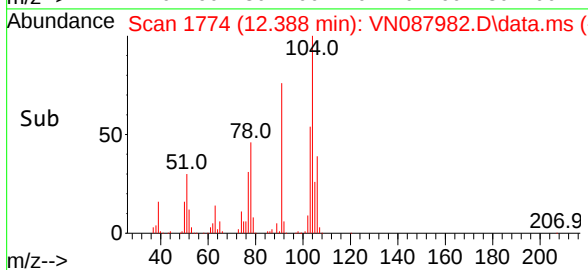
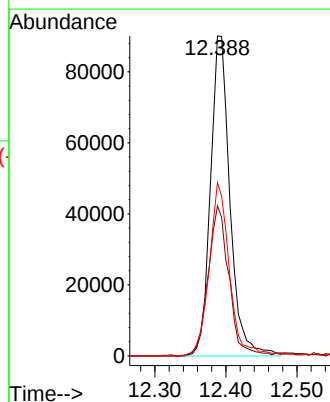
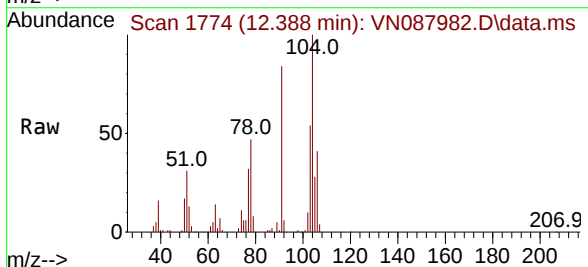
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

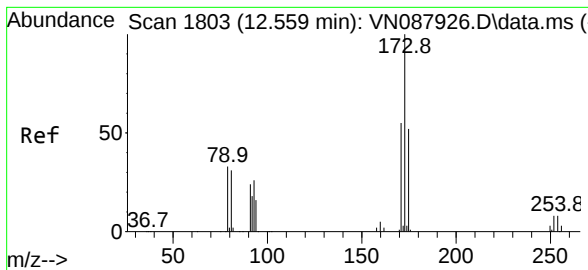
Tgt Ion:106 Resp: 97554
Ion Ratio Lower Upper
106 100
91 223.6 108.2 324.6



#70
Styrene
Concen: 18.566 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:104 Resp: 171726
Ion Ratio Lower Upper
104 100
78 49.8 39.7 59.5
103 56.7 44.6 67.0

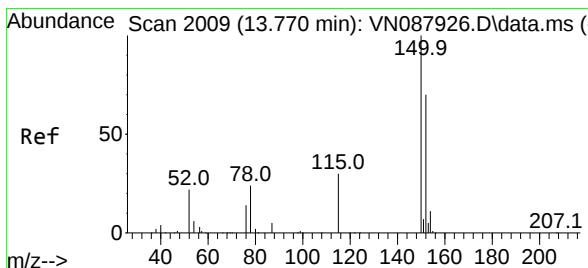
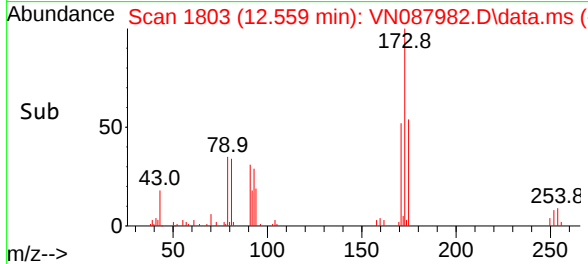
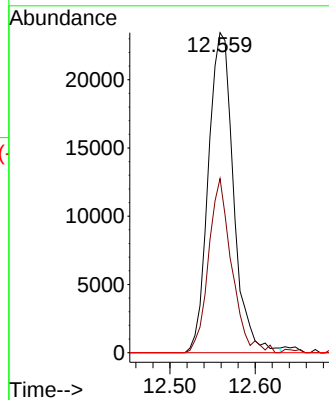
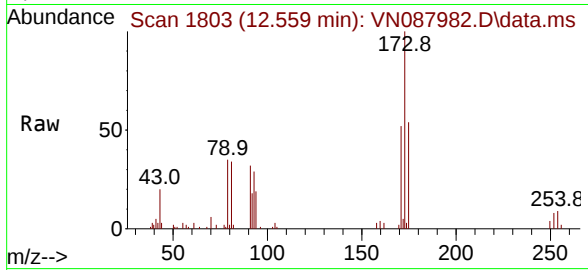




#71
Bromoform
Concen: 18.701 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

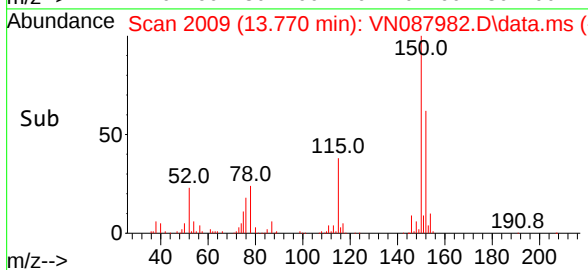
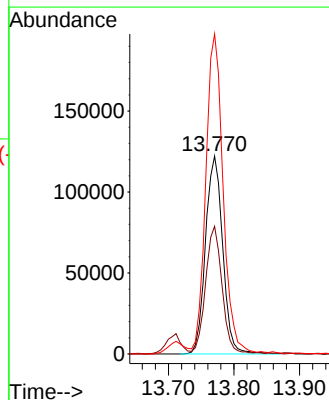
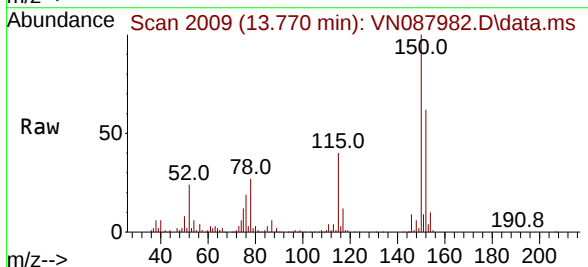
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

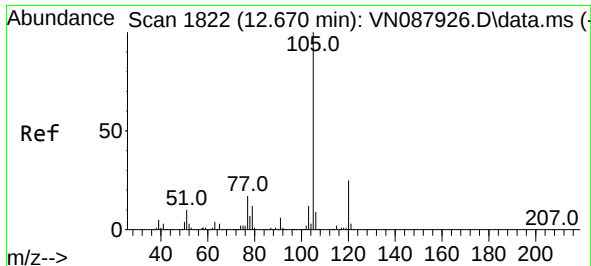
Tgt Ion:173 Resp: 48060
Ion Ratio Lower Upper
173 100
175 50.2 23.7 71.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:152 Resp: 223894
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 160.3 0.0 335.0

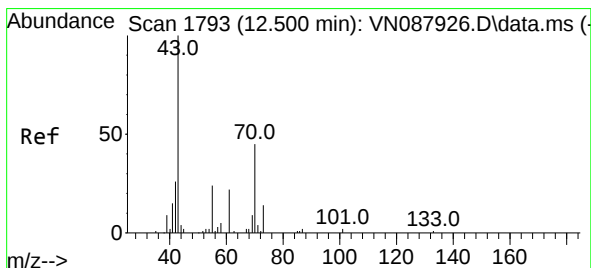
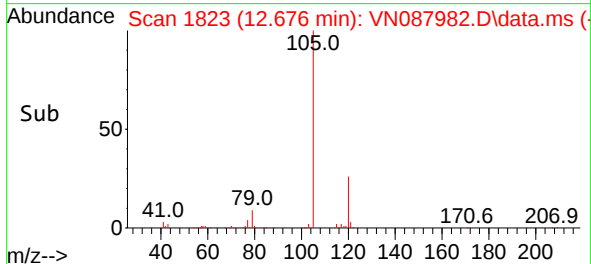
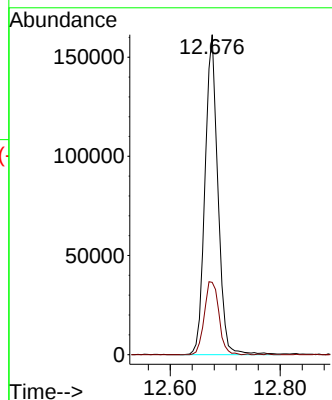
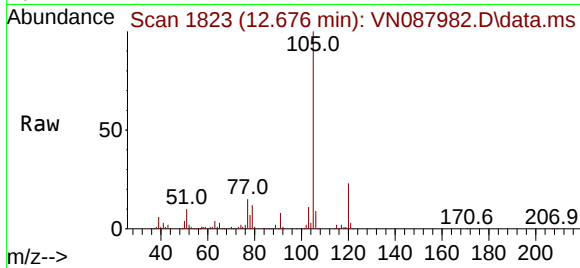




#73
Isopropylbenzene
Concen: 18.943 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

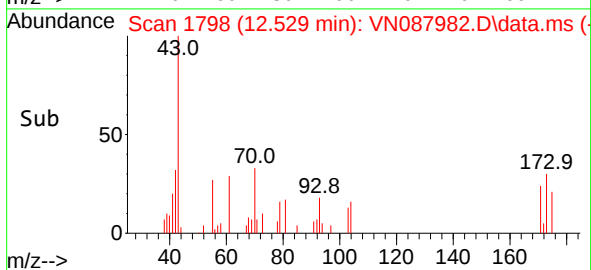
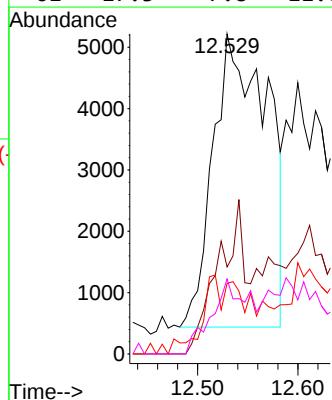
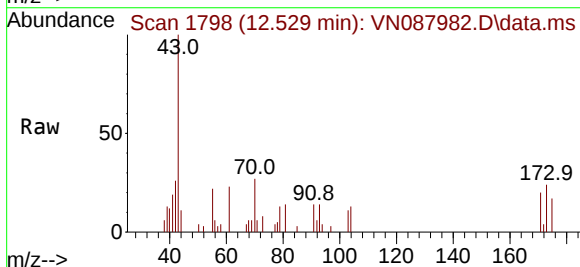
Instrument :
MSVOA_N
ClientSampleId :
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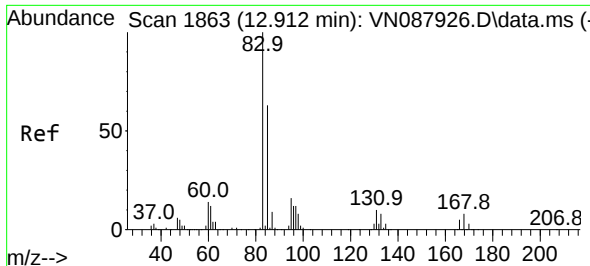
Tgt Ion:105 Resp: 262856
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1



#74
N-ethyl acetate
Concen: 3.927 ug/l
RT: 12.529 min Scan# 1798
Delta R.T. 0.029 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 43 Resp: 17953
Ion Ratio Lower Upper
43 100
70 26.4 19.8 29.8
55 0.0 9.6 14.4#
61 17.3 7.8 11.6#

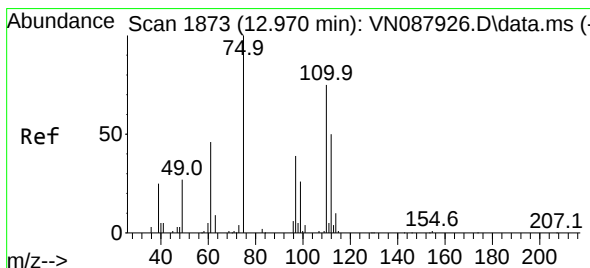
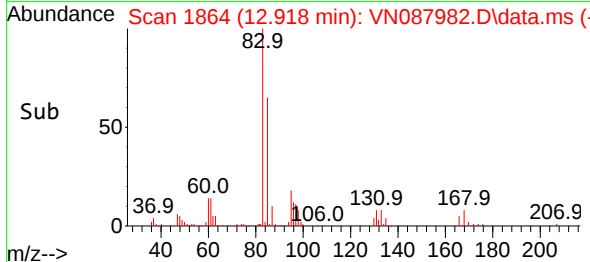
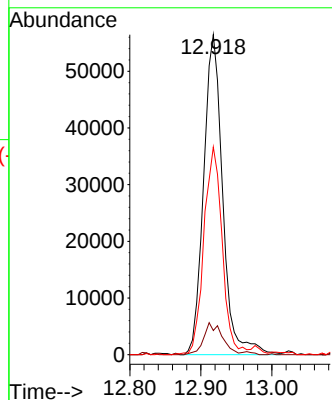
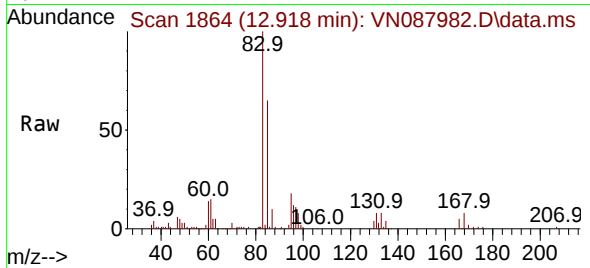




#75
1,1,2,2-Tetrachloroethane
Concen: 21.155 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

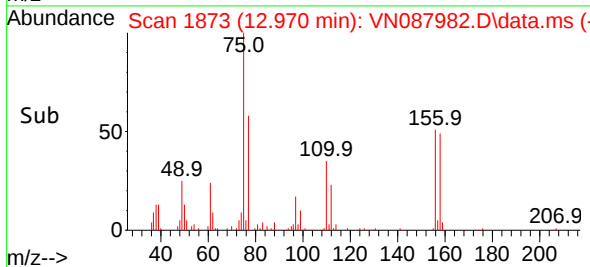
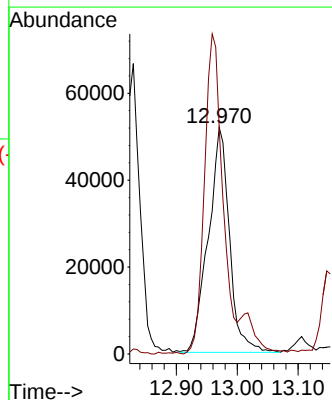
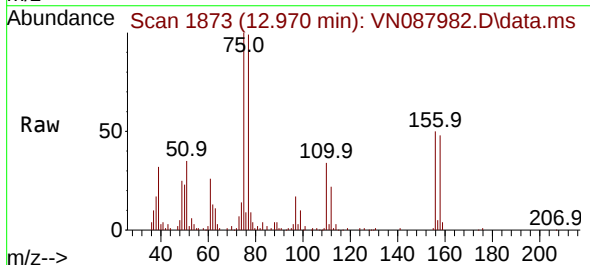
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

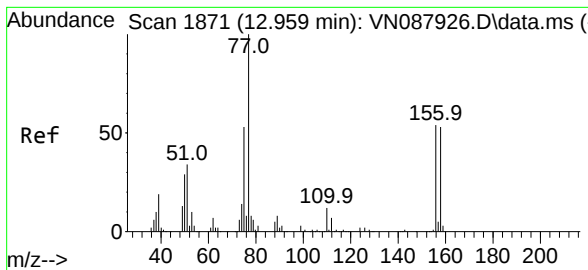
Tgt Ion: 83 Resp: 105770
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 62.1 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 28.384 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 75 Resp: 125273
Ion Ratio Lower Upper
75 100
77 121.3 89.5 268.5

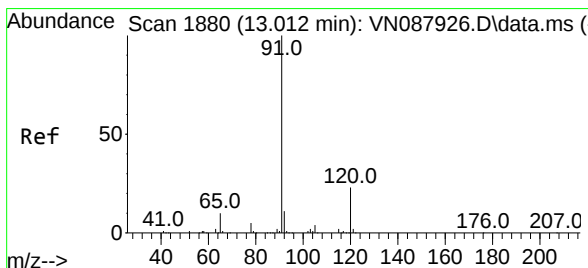
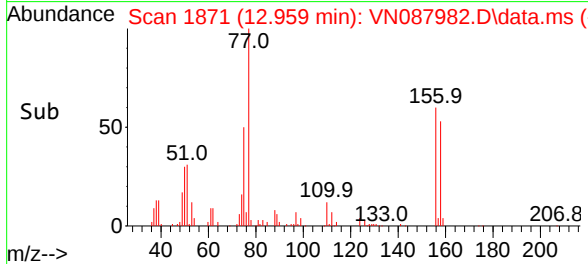
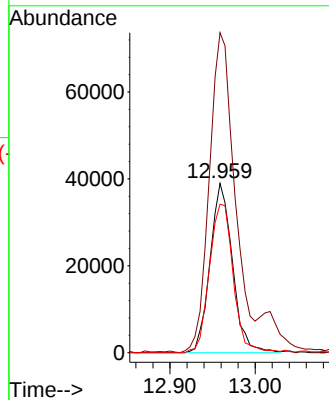
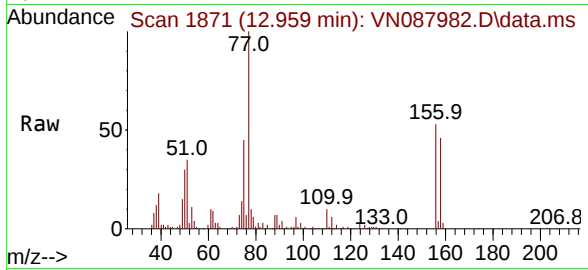




#77
Bromobenzene
Concen: 19.255 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

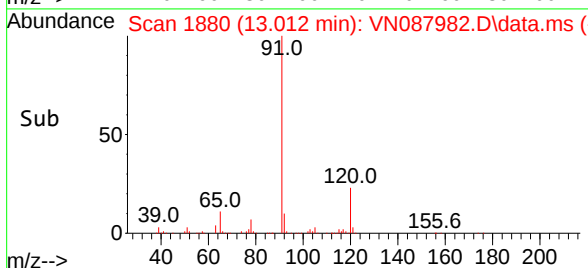
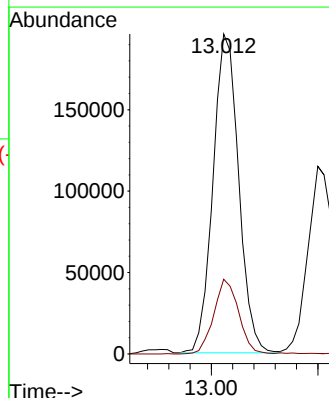
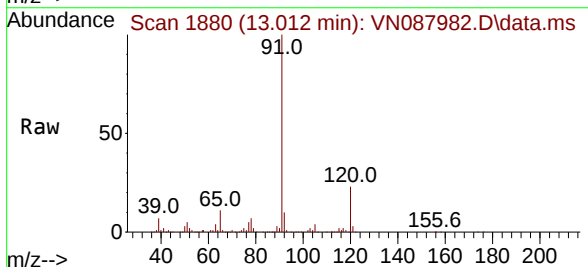
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

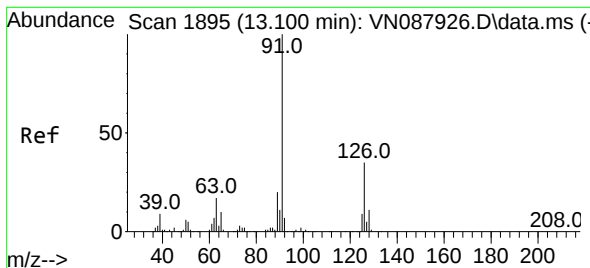
Tgt Ion:156 Resp: 71090
Ion Ratio Lower Upper
156 100
77 213.8 108.2 324.6
158 93.5 49.6 149.0



#78
n-propylbenzene
Concen: 18.875 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 91 Resp: 327469
Ion Ratio Lower Upper
91 100
120 22.6 11.1 33.1





#79

2-Chlorotoluene

Concen: 19.054 ug/l

RT: 13.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

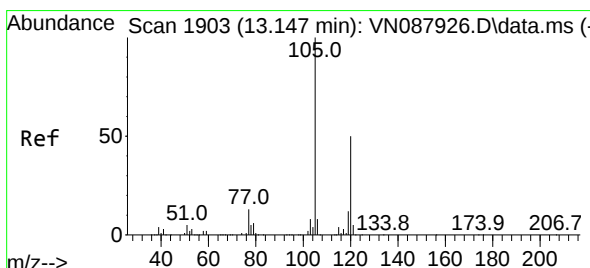
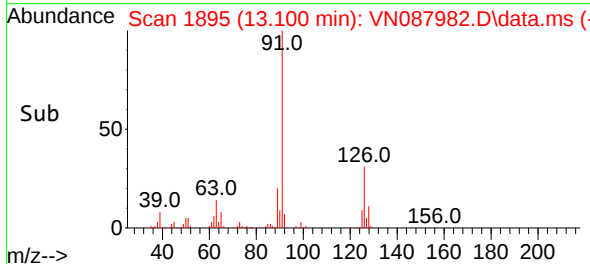
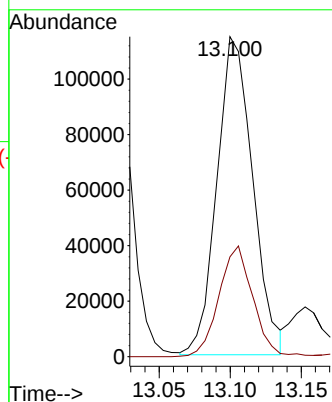
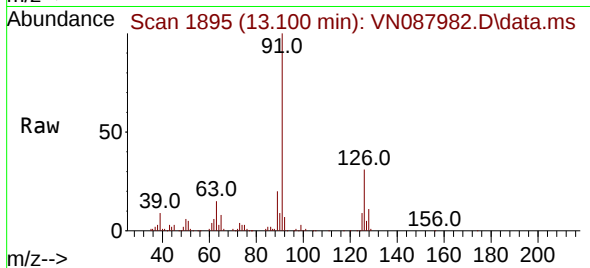
VN0929WBSD01

Tgt Ion: 91 Resp: 201285

Ion Ratio Lower Upper

91 100

126 32.9 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 19.201 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VN087982.D

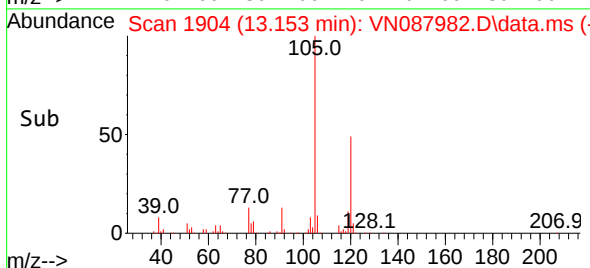
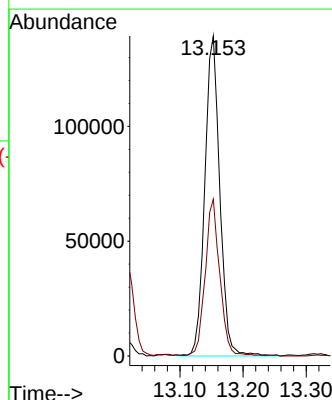
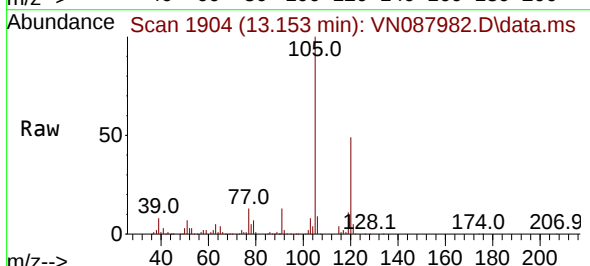
Acq: 29 Sep 2025 15:07

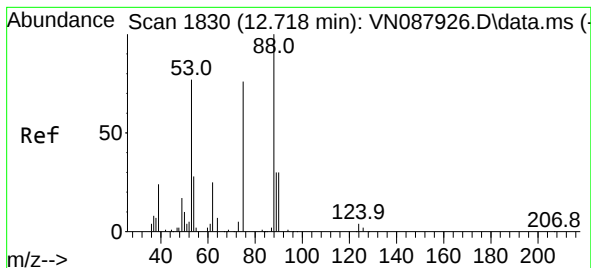
Tgt Ion:105 Resp: 230467

Ion Ratio Lower Upper

105 100

120 47.2 24.7 74.1

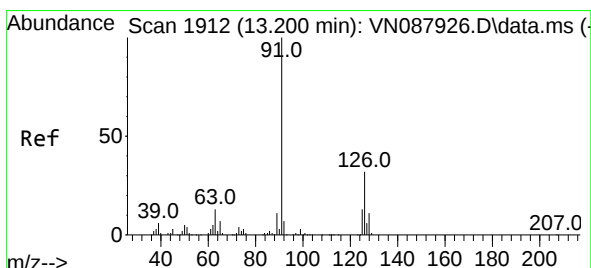
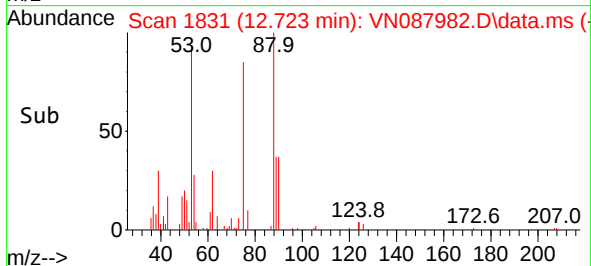
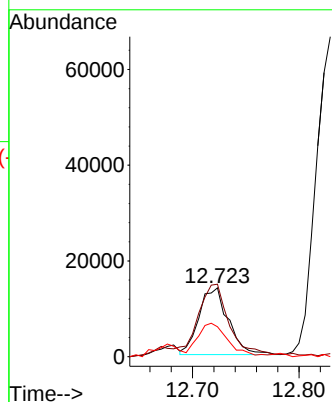
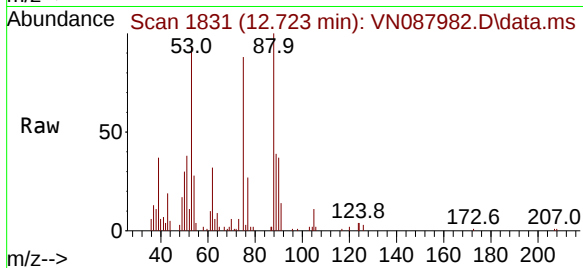




#81
trans-1,4-Dichloro-2-butene
Concen: 16.758 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

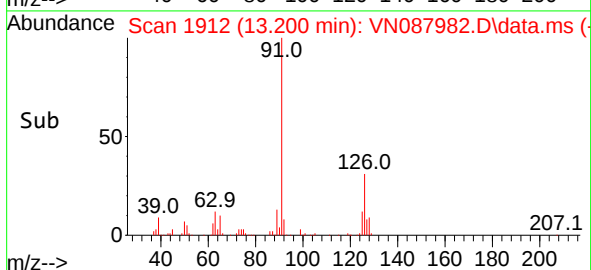
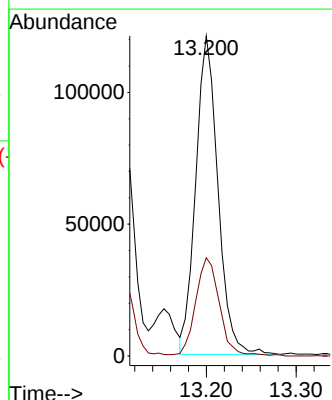
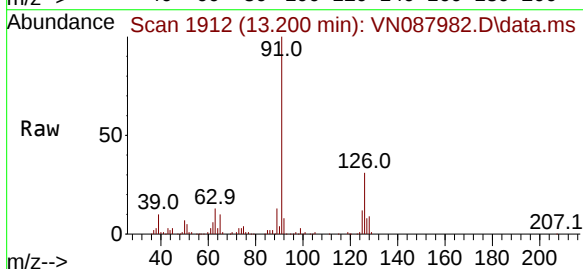
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

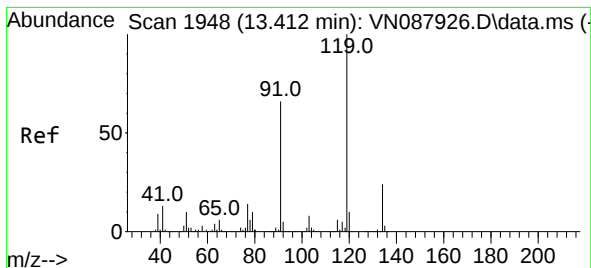
Tgt Ion: 75 Resp: 26634
Ion Ratio Lower Upper
75 100
53 111.8 82.0 123.0
89 51.8 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.488 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion: 91 Resp: 207433
Ion Ratio Lower Upper
91 100
126 33.2 16.9 50.6





#83

tert-Butylbenzene

Concen: 18.681 ug/l

RT: 13.417 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

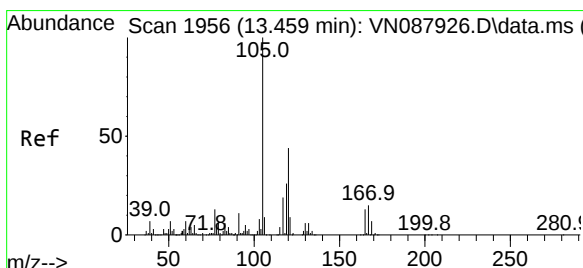
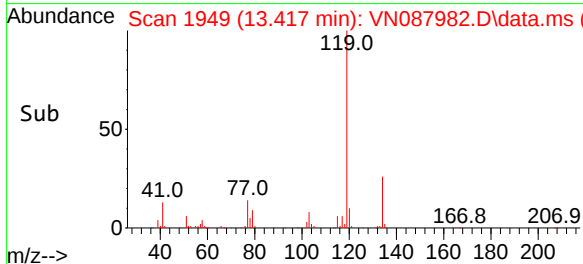
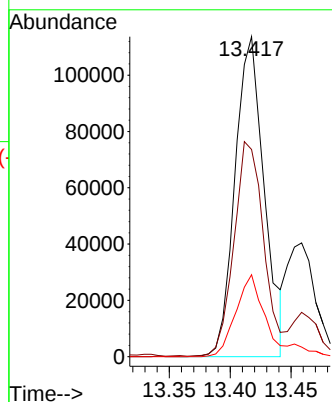
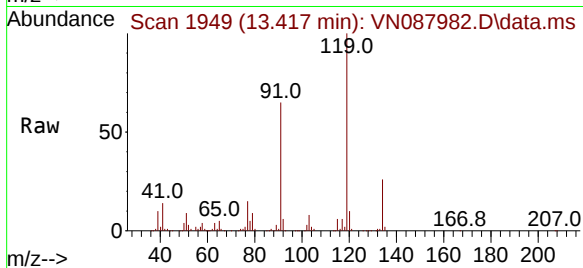
Tgt Ion:119 Resp: 189784

Ion Ratio Lower Upper

119 100

91 67.6 32.1 96.3

134 27.5 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 18.750 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087982.D

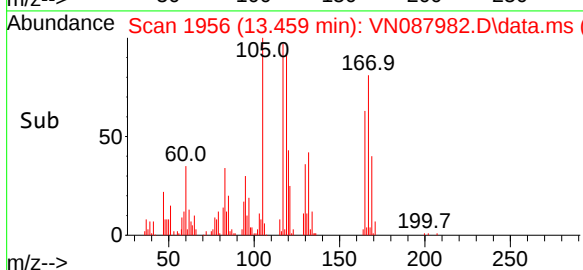
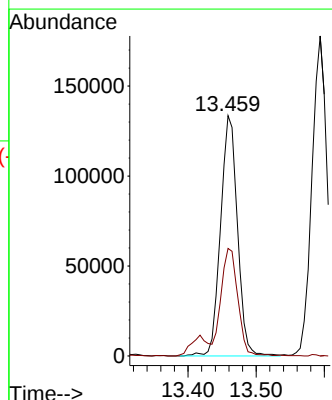
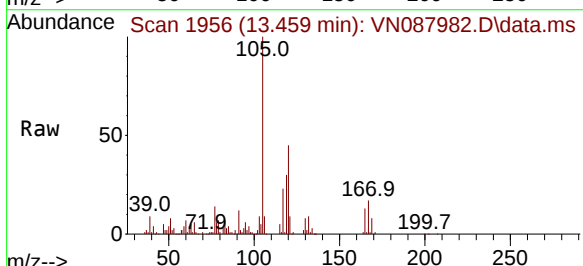
Acq: 29 Sep 2025 15:07

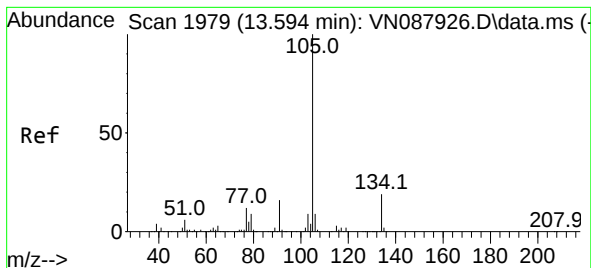
Tgt Ion:105 Resp: 230833

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 19.001 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

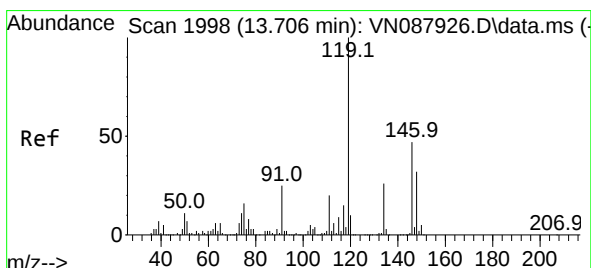
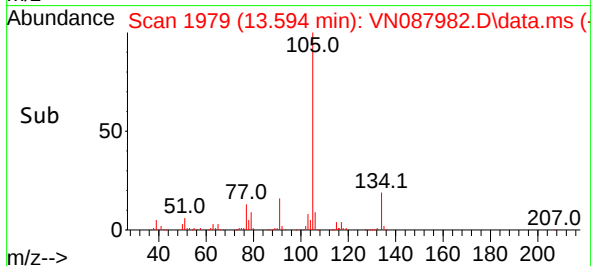
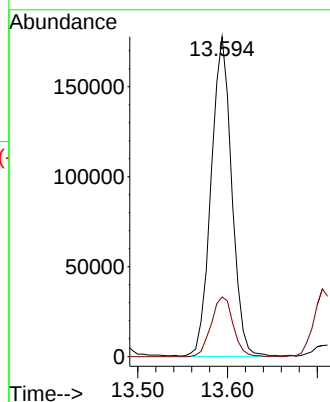
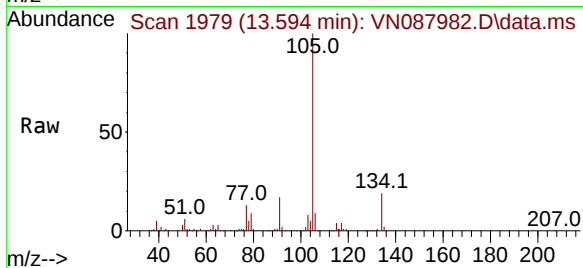
VN0929WBSD01

Tgt Ion:105 Resp: 283025

Ion Ratio Lower Upper

105 100

134 20.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 18.292 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

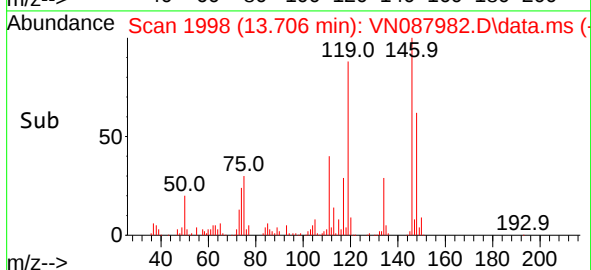
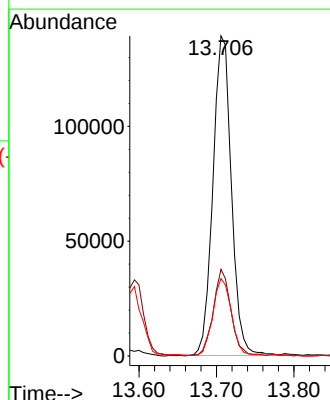
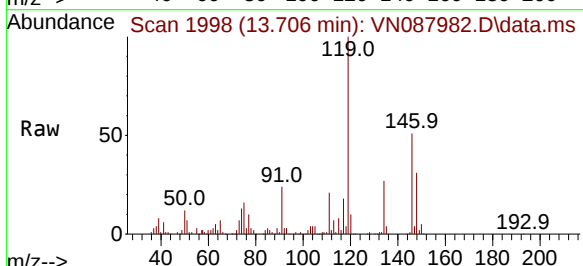
Tgt Ion:119 Resp: 230764

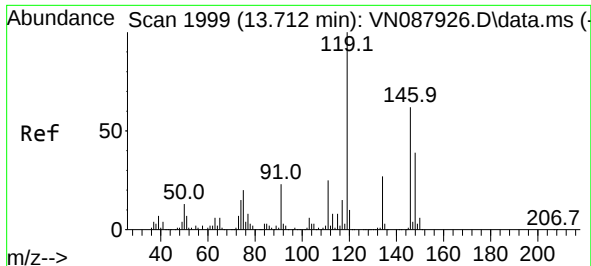
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.3 11.9 35.5

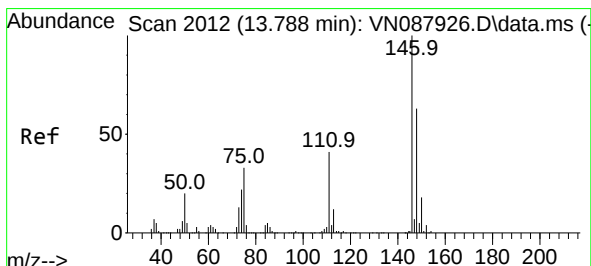
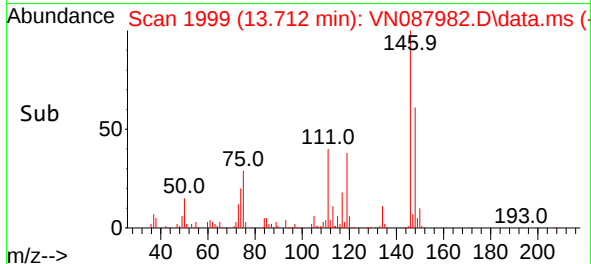
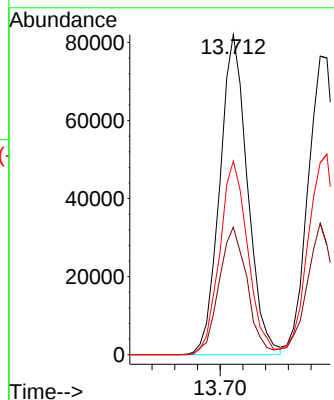
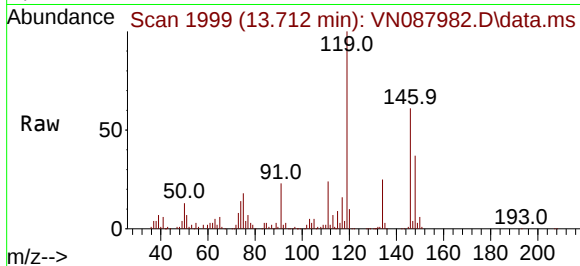




#87
 1,3-Dichlorobenzene
 Concen: 19.309 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

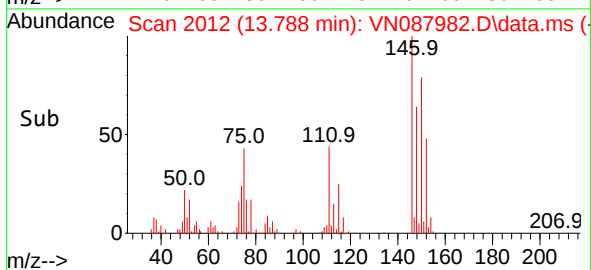
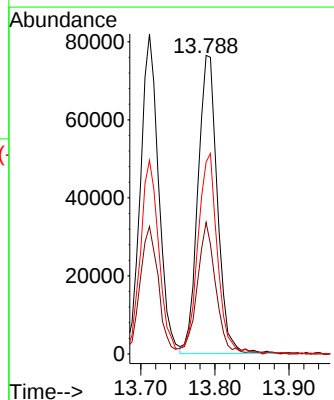
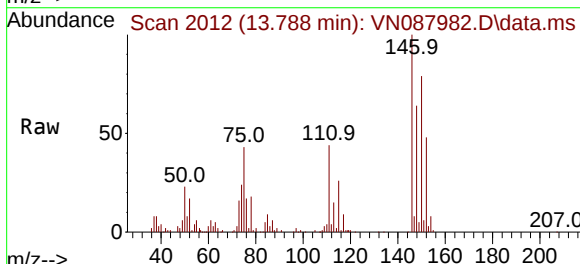
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

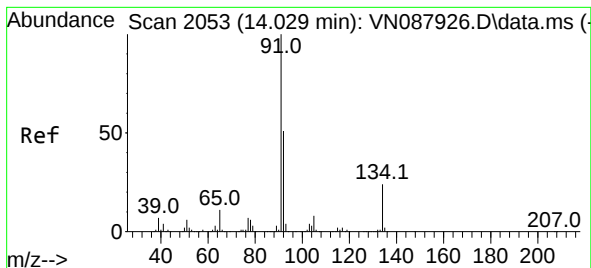
Tgt Ion:146 Resp: 139118
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 61.5 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 18.815 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion:146 Resp: 139311
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.5 61.5
 148 67.7 32.8 98.4





#89

n-Butylbenzene

Concen: 18.917 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

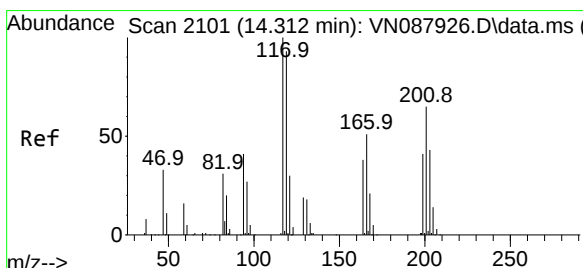
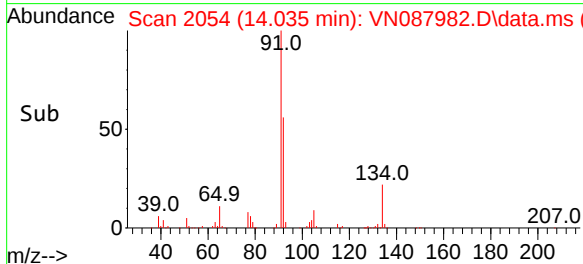
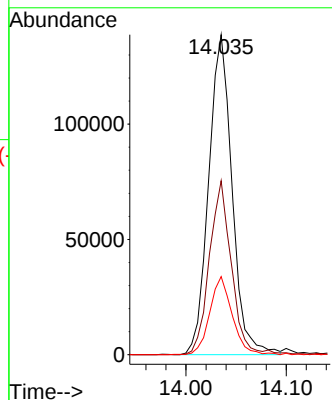
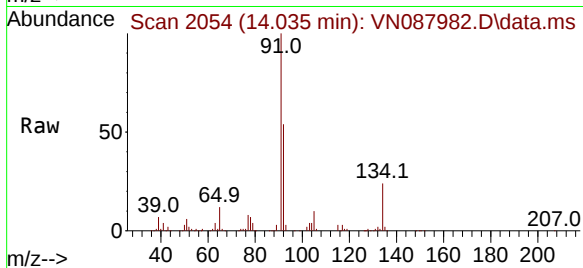
Tgt Ion: 91 Resp: 225535

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

134 23.5 12.6 37.8



#90

Hexachloroethane

Concen: 19.394 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087982.D

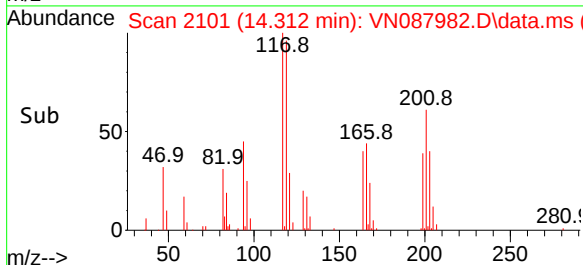
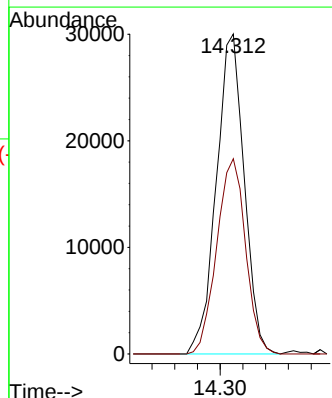
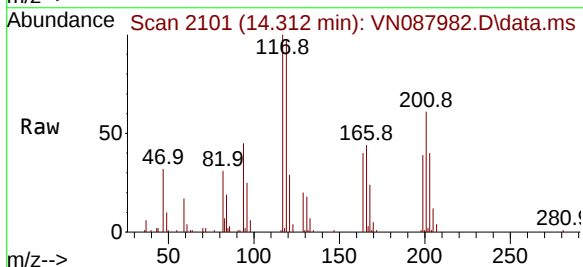
Acq: 29 Sep 2025 15:07

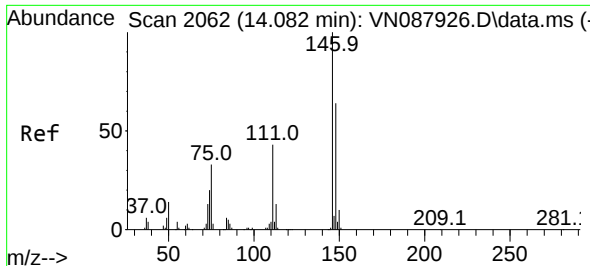
Tgt Ion: 117 Resp: 51107

Ion Ratio Lower Upper

117 100

201 63.1 33.6 100.6

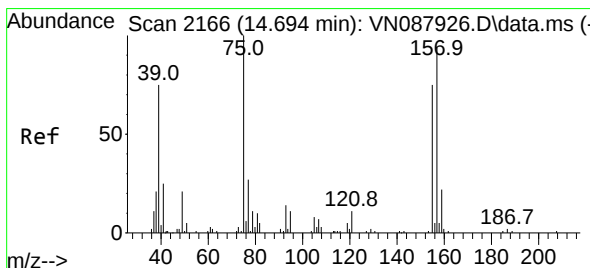
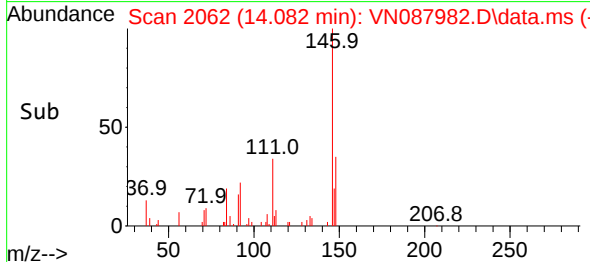
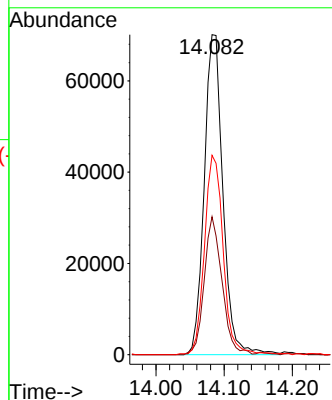
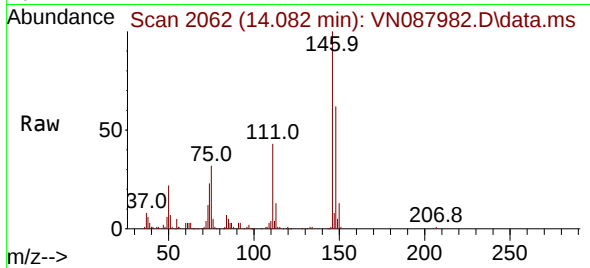




#91
 1,2-Dichlorobenzene
 Concen: 19.302 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

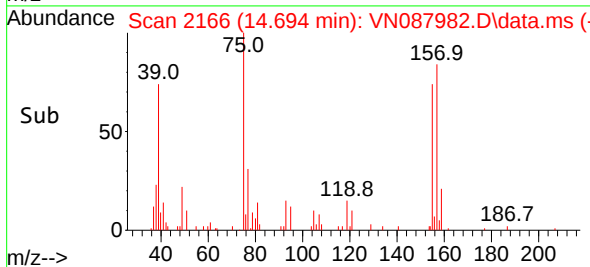
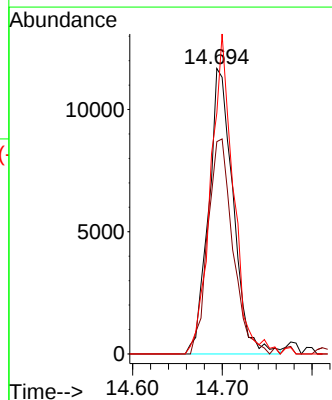
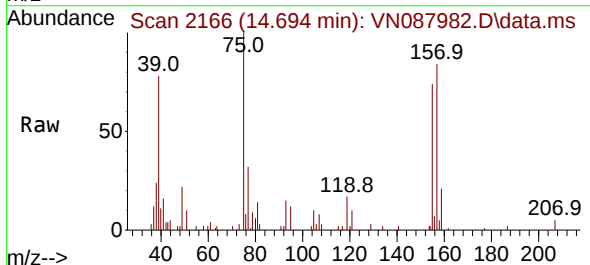
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBSD01

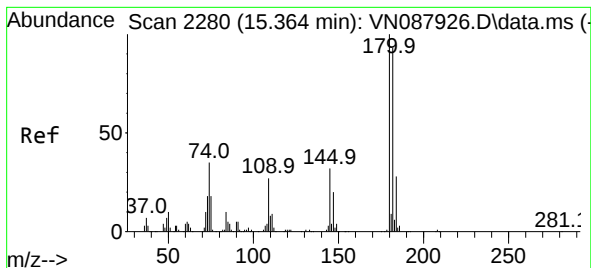
Tgt Ion:146 Resp: 134048
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.9 62.7
 148 62.3 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.123 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VN087982.D
 Acq: 29 Sep 2025 15:07

Tgt Ion: 75 Resp: 22215
 Ion Ratio Lower Upper
 75 100
 155 76.7 40.2 120.6
 157 103.8 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 18.723 ug/l

RT: 15.364 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBSD01

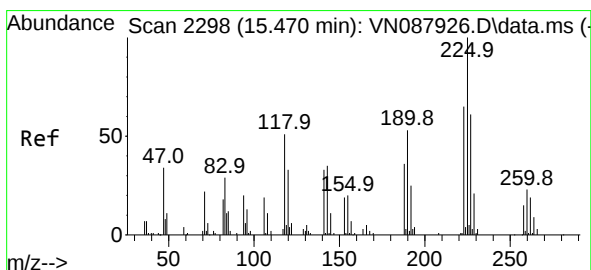
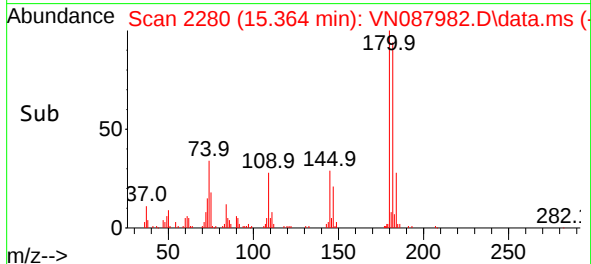
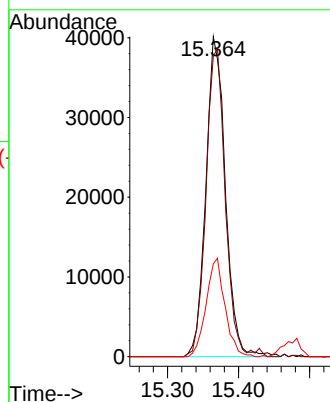
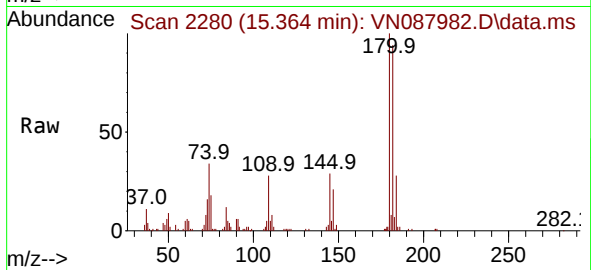
Tgt Ion:180 Resp: 76772

Ion Ratio Lower Upper

180 100

182 93.9 48.5 145.5

145 29.6 15.9 47.6



#94

Hexachlorobutadiene

Concen: 20.327 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.006 min

Lab File: VN087982.D

Acq: 29 Sep 2025 15:07

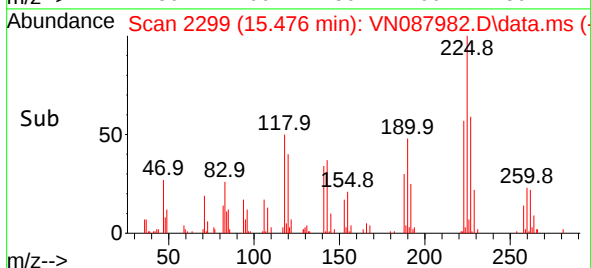
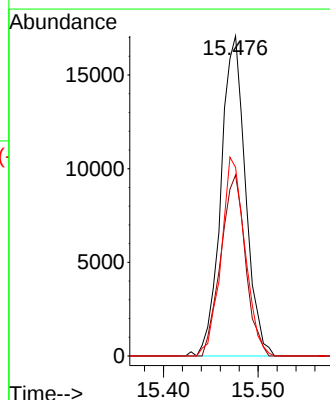
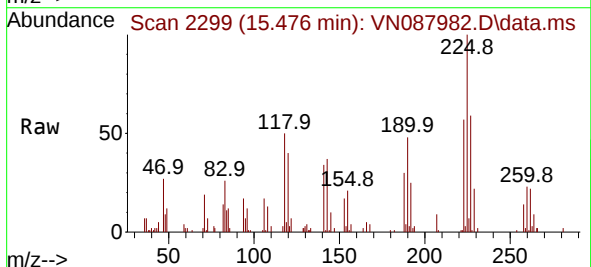
Tgt Ion:225 Resp: 30678

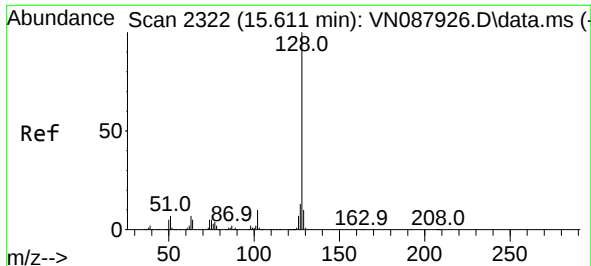
Ion Ratio Lower Upper

225 100

223 56.9 31.8 95.4

227 60.4 31.9 95.9

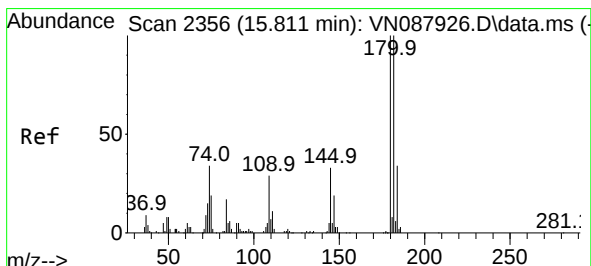
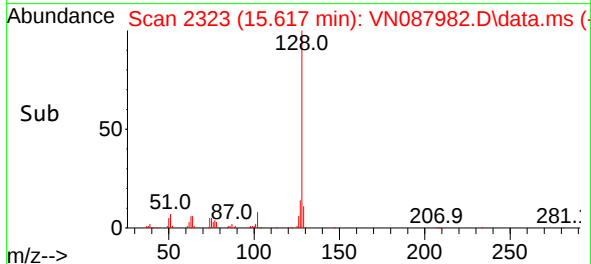
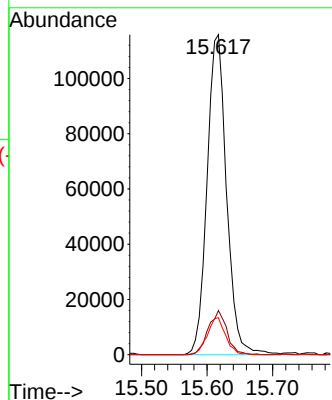
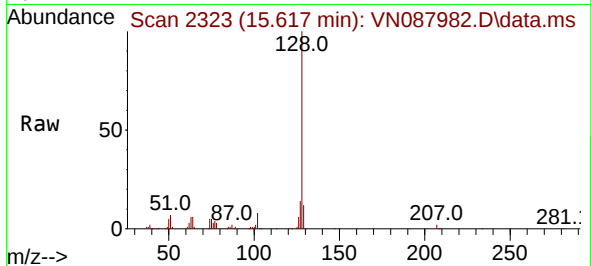




#95
Naphthalene
Concen: 18.172 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBSD01

Tgt Ion:128 Resp: 239189
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.702 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087982.D
Acq: 29 Sep 2025 15:07

Tgt Ion:180 Resp: 74553
Ion Ratio Lower Upper
180 100
182 93.4 47.3 142.0
145 34.3 16.1 48.3

