

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087696.D
 Acq On : 29 Aug 2025 13:24
 Operator : JC\MD
 Sample : VN0829MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

Quant Time: Aug 29 22:53:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	188928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	373365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	351090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	178354	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	187772	48.508	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.020%
35) Dibromofluoromethane	8.147	113	126636	46.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.960%
50) Toluene-d8	10.547	98	461350	45.726	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.829	95	165941	46.247	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	51190	19.077	ug/l	98
3) Chloromethane	2.383	50	55531	20.138	ug/l	94
4) Vinyl Chloride	2.536	62	61029	19.088	ug/l	96
5) Bromomethane	2.977	94	32491	19.694	ug/l	99
6) Chloroethane	3.136	64	41645	18.532	ug/l	95
7) Trichlorofluoromethane	3.506	101	90530	19.326	ug/l	98
8) Diethyl Ether	3.965	74	38190	18.720	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	48908	18.452	ug/l	97
10) Methyl Iodide	4.571	142	26311	18.284	ug/l	91
11) Tert butyl alcohol	5.530	59	65482	97.443	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	50191	18.426	ug/l	87
13) Acrolein	4.171	56	64784	78.418	ug/l	99
14) Allyl chloride	5.006	41	80908	16.391	ug/l	98
15) Acrylonitrile	5.706	53	176216	92.979	ug/l	97
16) Acetone	4.424	43	195049	92.563	ug/l	99
17) Carbon Disulfide	4.695	76	123567	16.478	ug/l	98
18) Methyl Acetate	5.018	43	89056	20.185	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	185853	18.188	ug/l	97
20) Methylene Chloride	5.265	84	57586	18.102	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	49933	16.914	ug/l	89
22) Diisopropyl ether	6.665	45	194004	18.213	ug/l	98
23) Vinyl Acetate	6.595	43	882161	91.028	ug/l	98
24) 1,1-Dichloroethane	6.553	63	106632	18.258	ug/l	98
25) 2-Butanone	7.477	43	256683	92.589	ug/l	97
26) 2,2-Dichloropropane	7.477	77	89854	17.925	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	61880	17.534	ug/l	97
28) Bromochloromethane	7.800	49	55580	19.685	ug/l	98
29) Tetrahydrofuran	7.830	42	158693	88.947	ug/l	99
30) Chloroform	7.947	83	112063	18.799	ug/l	96
31) Cyclohexane	8.241	56	80311	16.495	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	91842	18.179	ug/l	95
36) 1,1-Dichloropropene	8.353	75	68123	16.473	ug/l	98
37) Ethyl Acetate	7.553	43	91214	16.141	ug/l	96
38) Carbon Tetrachloride	8.341	117	71797	17.584	ug/l	94
39) Methylcyclohexane	9.583	83	70588	15.504	ug/l	97
40) Benzene	8.588	78	227341	17.923	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	50902	17.389	ug/l	96
42) 1,2-Dichloroethane	8.653	62	89468	18.355	ug/l	99
43) Isopropyl Acetate	8.677	43	161391	18.292	ug/l	98
44) Trichloroethene	9.335	130	49364	17.046	ug/l	95
45) 1,2-Dichloropropane	9.600	63	61307	18.337	ug/l	98
46) Dibromomethane	9.688	93	44167	18.563	ug/l	99
47) Bromodichloromethane	9.871	83	90297	18.518	ug/l	94
48) Methyl methacrylate	9.665	41	72668	17.413	ug/l	96
49) 1,4-Dioxane	9.683	88	21957	405.926	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	513315	96.430	ug/l	98
52) Toluene	10.606	92	140083	17.814	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	90004	17.832	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	94514	18.034	ug/l	90
55) 1,1,2-Trichloroethane	10.994	97	57761	18.988	ug/l	97
56) Ethyl methacrylate	10.859	69	86431	17.779	ug/l	97
57) 1,3-Dichloropropane	11.141	76	101919	18.931	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	249840	94.951	ug/l	99
59) 2-Hexanone	11.182	43	323063	96.028	ug/l	97
60) Dibromochloromethane	11.335	129	64331	18.251	ug/l	99
61) 1,2-Dibromoethane	11.447	107	59517	18.555	ug/l	100
64) Tetrachloroethene	11.082	164	40745	16.727	ug/l	93
65) Chlorobenzene	11.865	112	155048	17.751	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	54995	18.965	ug/l	97
67) Ethyl Benzene	11.941	91	262980	17.389	ug/l	94
68) m/p-Xylenes	12.047	106	193034	34.804	ug/l	100
69) o-Xylene	12.376	106	95307	17.534	ug/l	99
70) Styrene	12.388	104	165073	18.128	ug/l	98
71) Bromoform	12.559	173	40149	18.053	ug/l #	98
73) Isopropylbenzene	12.671	105	242355	16.816	ug/l	98
74) N-amyl acetate	12.541	43	11757	2.153	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.918	83	91872	18.515	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	116207	27.784	ug/l	61
77) Bromobenzene	12.959	156	61668	18.148	ug/l	96
78) n-propylbenzene	13.012	91	306151	17.246	ug/l	99
79) 2-Chlorotoluene	13.106	91	184458	17.266	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	208329	17.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	26155	16.555	ug/l	88
82) 4-Chlorotoluene	13.200	91	197936	17.622	ug/l	99
83) tert-Butylbenzene	13.418	119	172447	16.926	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	212720	17.380	ug/l	100
85) sec-Butylbenzene	13.594	105	254993	16.865	ug/l	100
86) p-Isopropyltoluene	13.706	119	208869	16.730	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	119113	17.800	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	120426	17.293	ug/l	97
89) n-Butylbenzene	14.035	91	209655	16.909	ug/l	99
90) Hexachloroethane	14.306	117	41538	17.464	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	112278	17.685	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.700	75	19357	16.422	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	66279	17.386	ug/l	98
94) Hexachlorobutadiene	15.476	225	23354	17.183	ug/l	98
95) Naphthalene	15.612	128	225308	16.685	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	63231	16.966	ug/l	99

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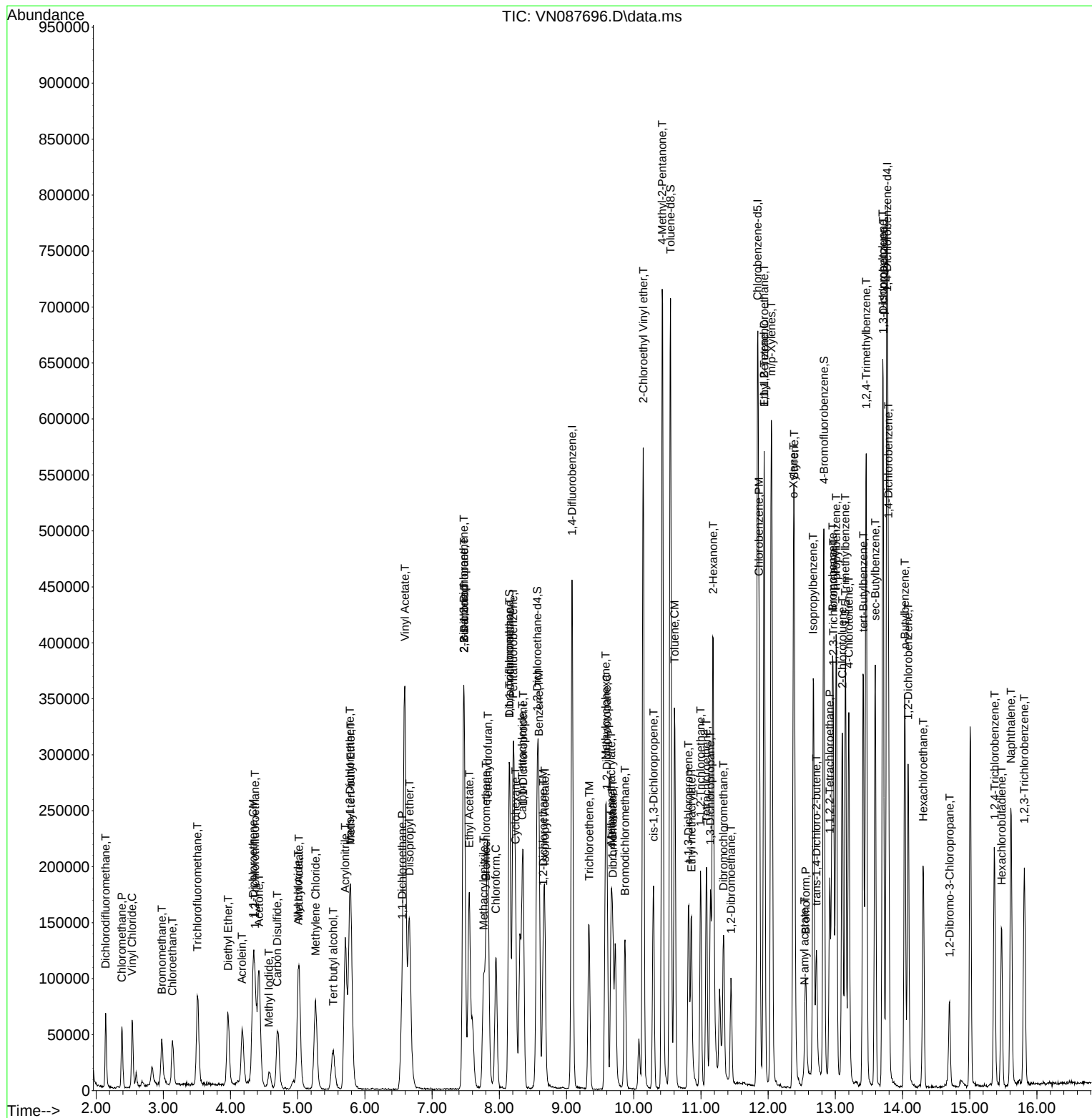
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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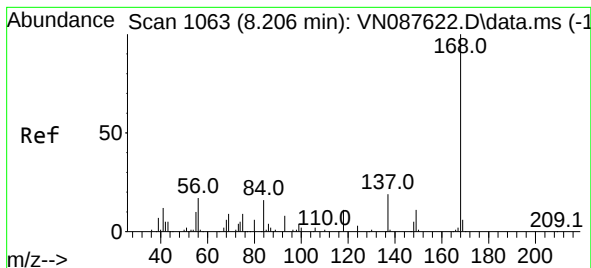
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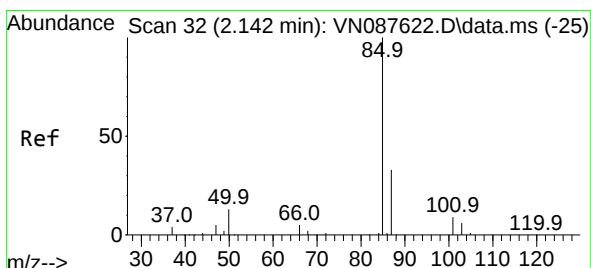
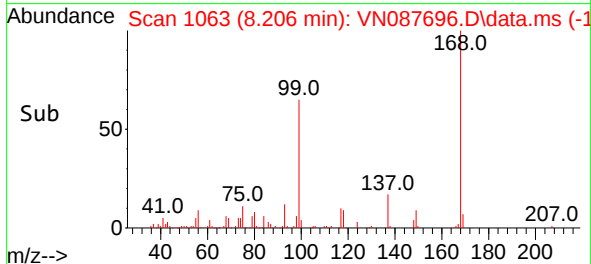
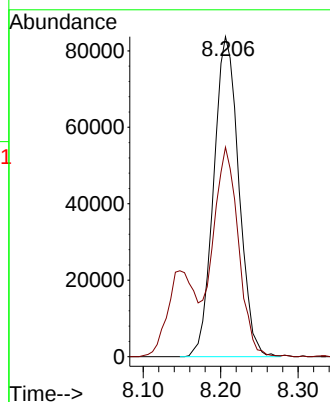
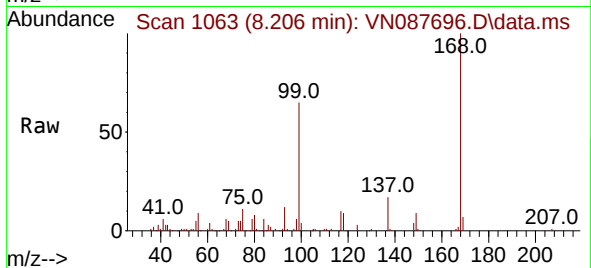




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
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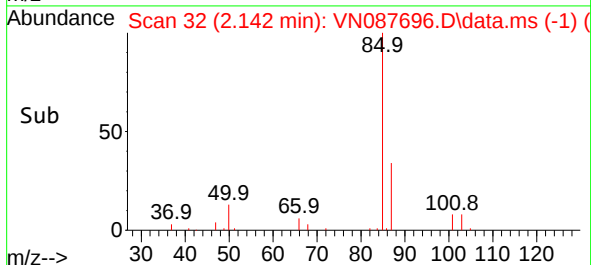
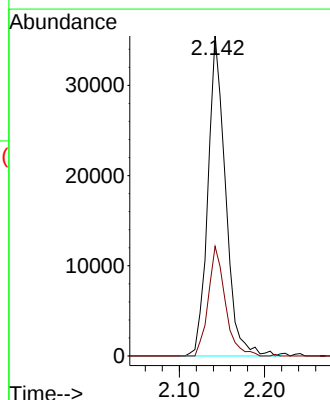
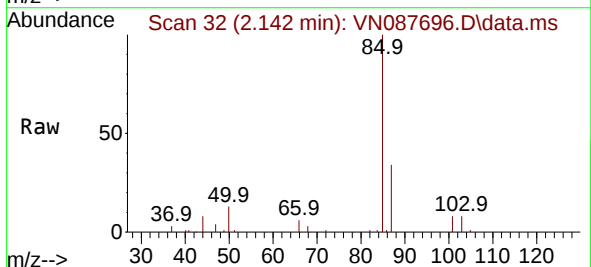
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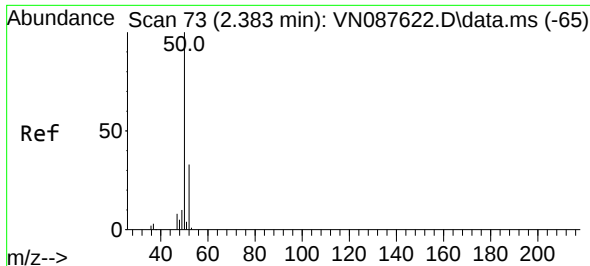
Tgt Ion:168 Resp: 188928
Ion Ratio Lower Upper
168 100
99 65.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 19.077 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 85 Resp: 51190
Ion Ratio Lower Upper
85 100
87 34.3 16.6 49.8





#3
Chloromethane
Concen: 20.138 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

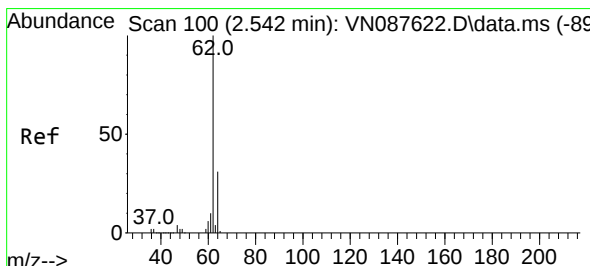
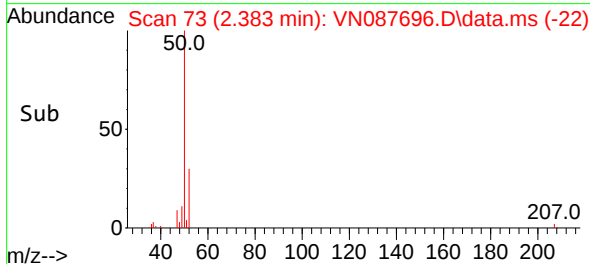
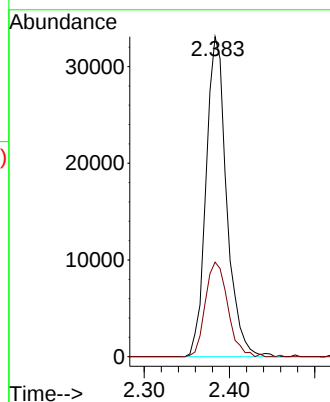
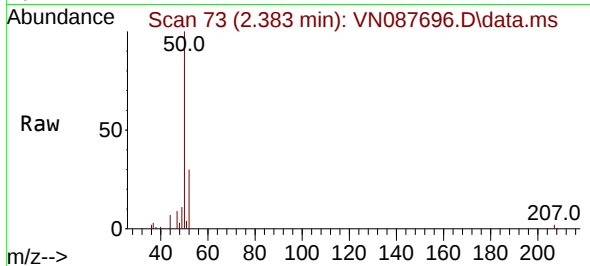
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MSVOA_N

ClientSampleId :

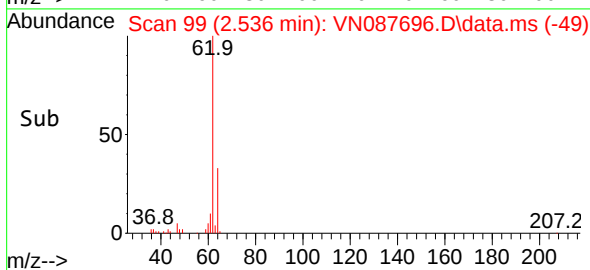
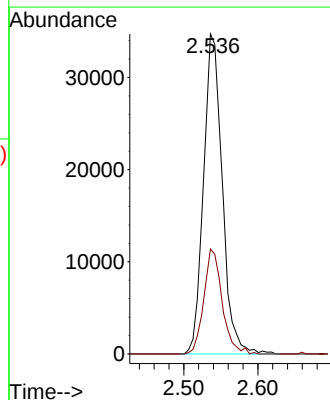
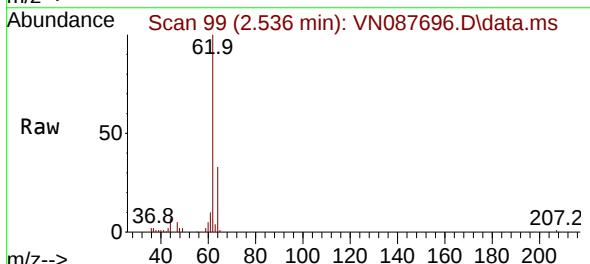
VN0829MBS01

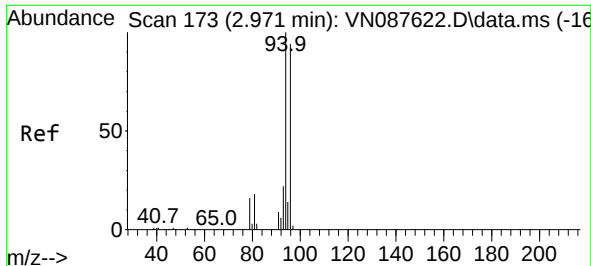
Tgt Ion: 50 Resp: 55531
Ion Ratio Lower Upper
50 100
52 29.6 26.2 39.4



#4
Vinyl Chloride
Concen: 19.088 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 62 Resp: 61029
Ion Ratio Lower Upper
62 100
64 32.8 24.6 37.0

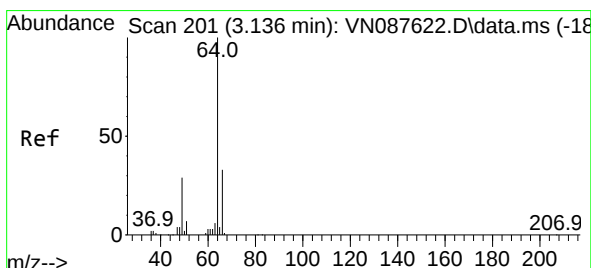
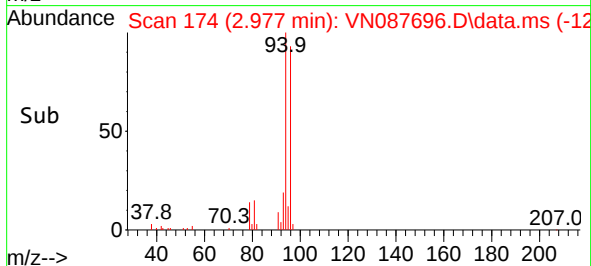
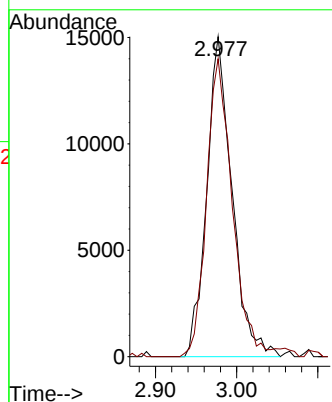
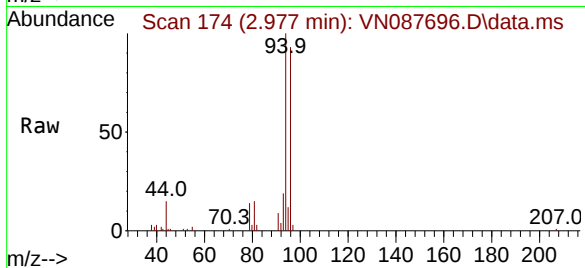




#5
Bromomethane
Concen: 19.694 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087696.D
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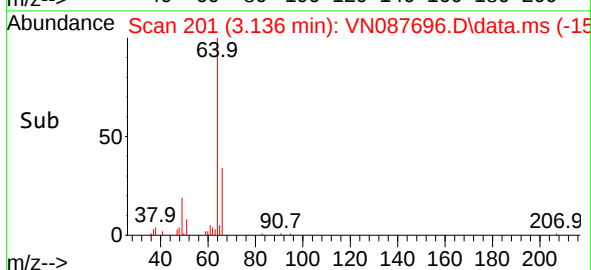
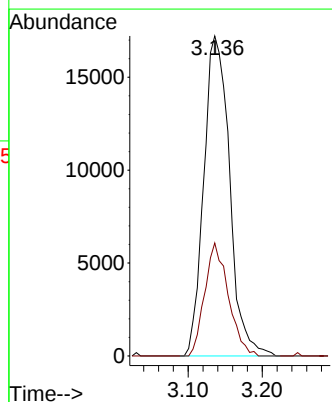
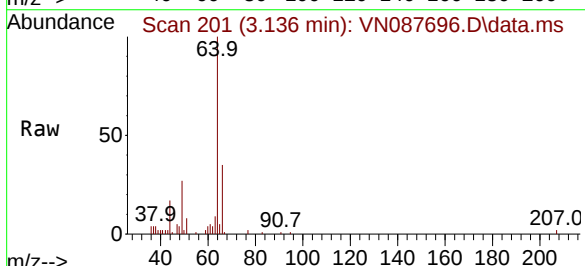
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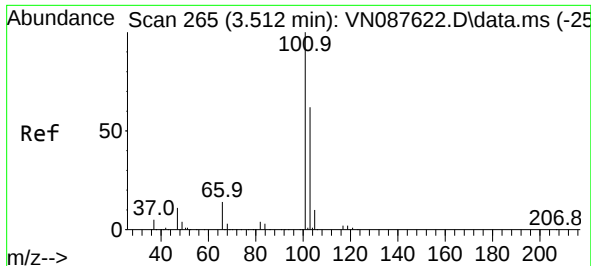
Tgt Ion: 94 Resp: 32491
Ion Ratio Lower Upper
94 100
96 93.1 75.4 113.2



#6
Chloroethane
Concen: 18.532 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 41645
Ion Ratio Lower Upper
64 100
66 35.3 26.2 39.2

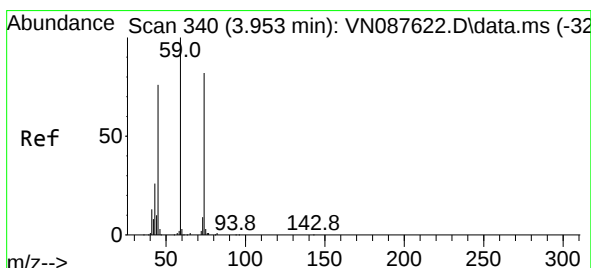
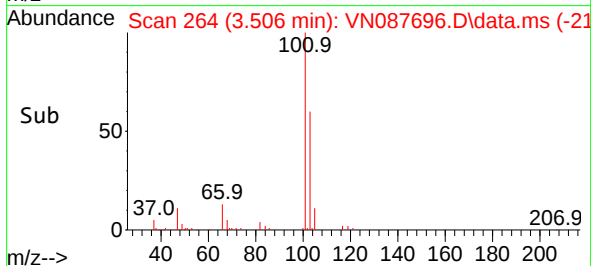
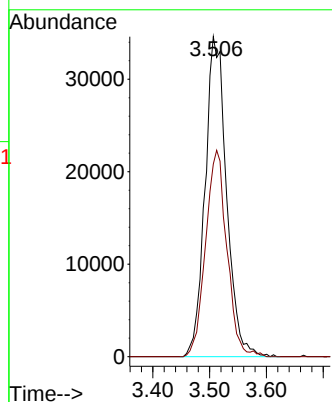
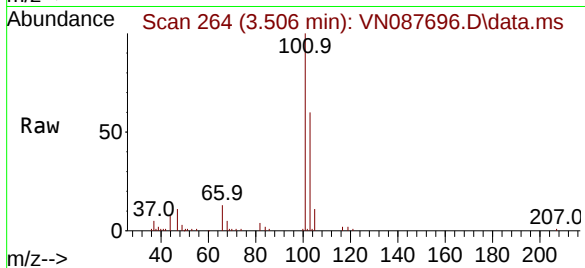




#7
 Trichlorofluoromethane
 Concen: 19.326 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

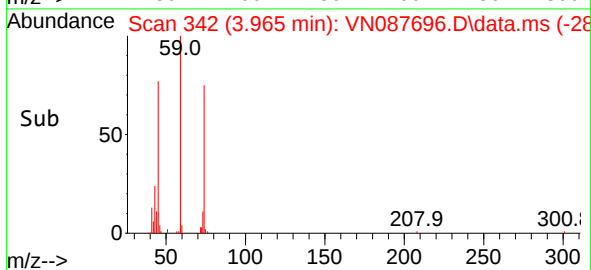
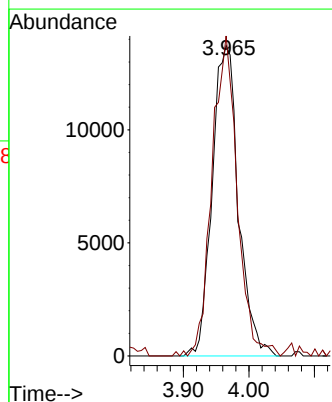
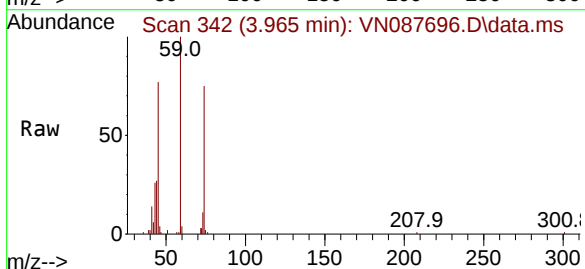
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Tgt Ion:101 Resp: 90530
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 18.720 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087696.D
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Tgt Ion: 74 Resp: 38190
 Ion Ratio Lower Upper
 74 100
 45 98.6 50.6 151.9

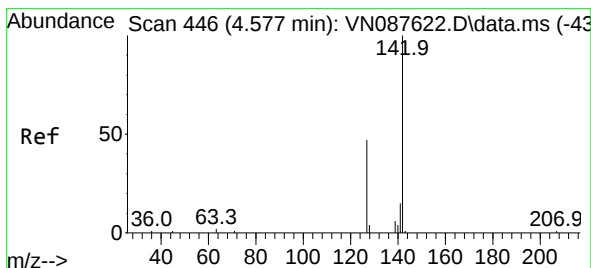
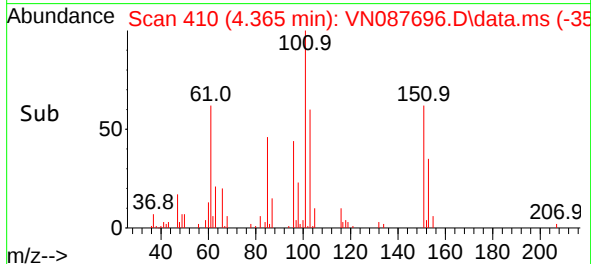
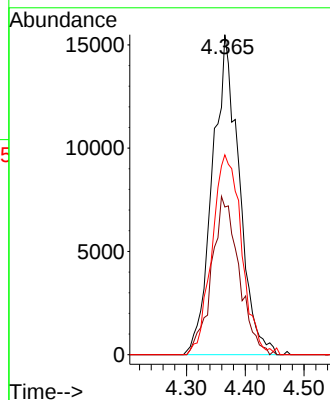
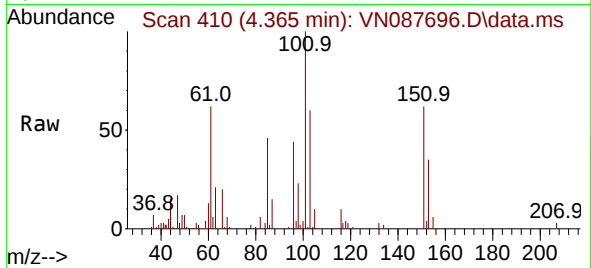




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.452 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

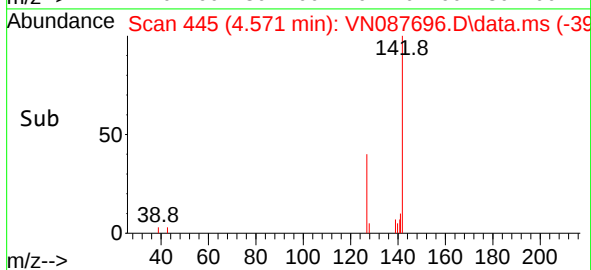
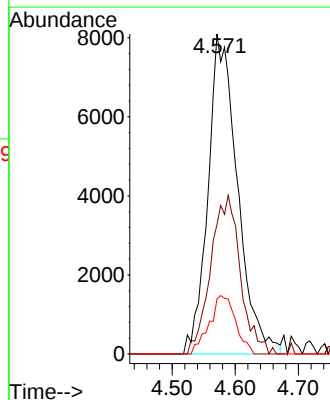
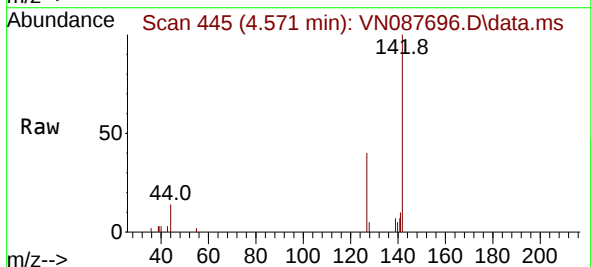
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

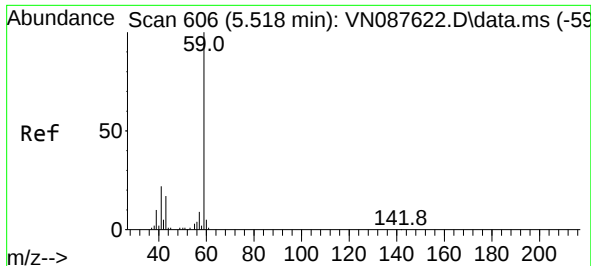
Tgt Ion:101 Resp: 48908
Ion Ratio Lower Upper
101 100
85 50.5 36.6 55.0
151 69.2 54.7 82.1



#10
Methyl Iodide
Concen: 18.284 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:142 Resp: 26311
Ion Ratio Lower Upper
142 100
127 40.4 38.0 57.0
141 17.2 12.0 18.0

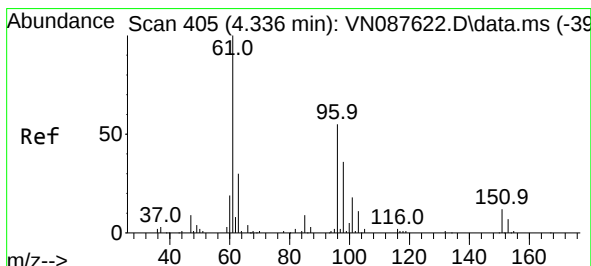
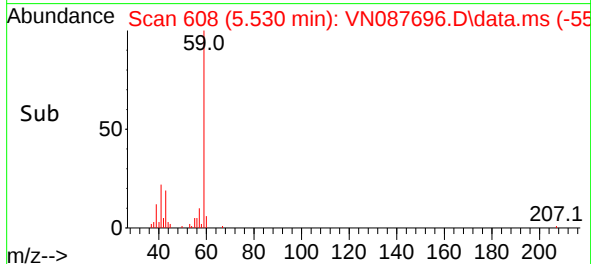
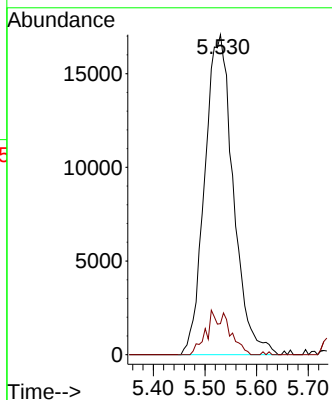
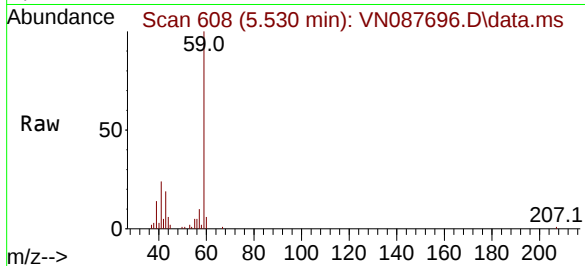




#11
Tert butyl alcohol
Concen: 97.443 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

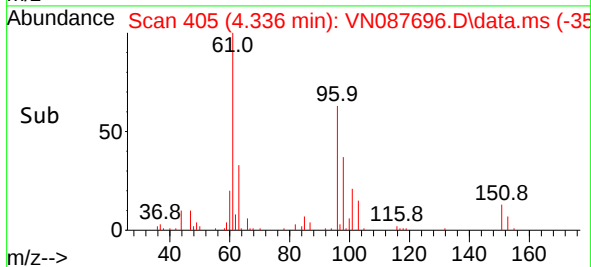
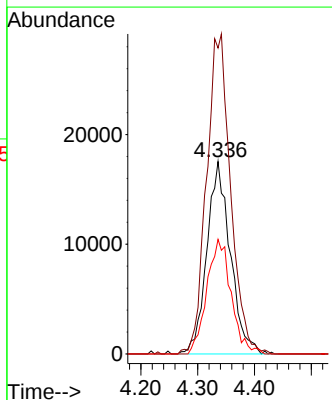
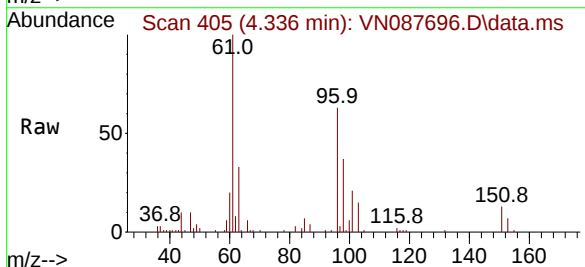
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

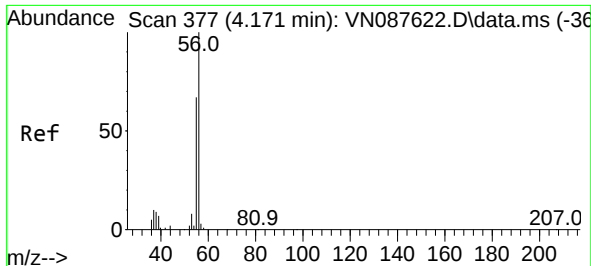
Tgt Ion: 59 Resp: 65482
Ion Ratio Lower Upper
59 100
57 5.5 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 18.426 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 96 Resp: 50191
Ion Ratio Lower Upper
96 100
61 158.8 143.8 215.8
98 59.5 52.1 78.1

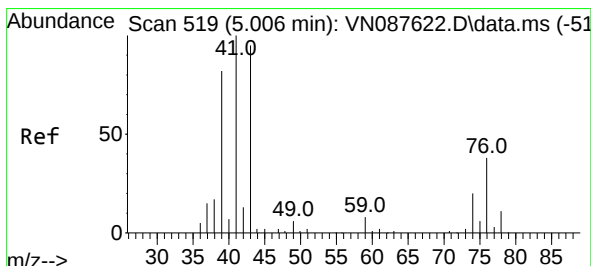
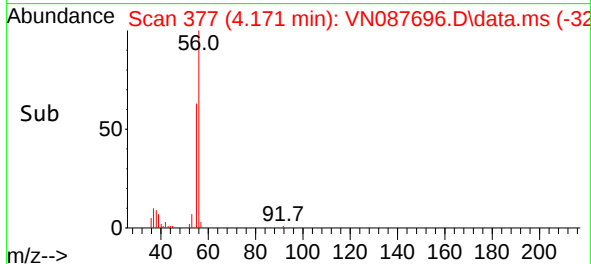
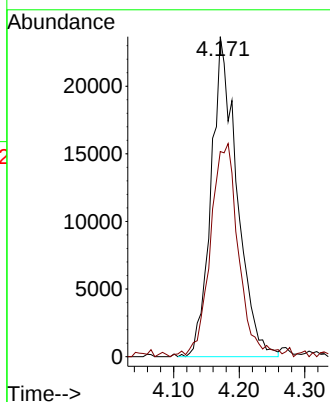
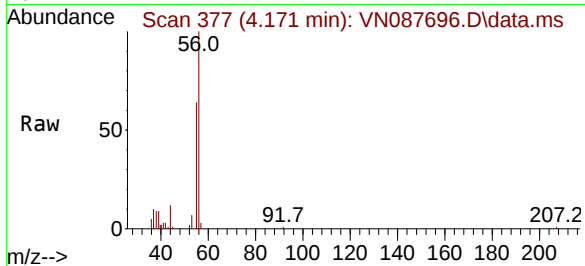




#13
Acrolein
Concen: 78.418 ug/l
RT: 4.171 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

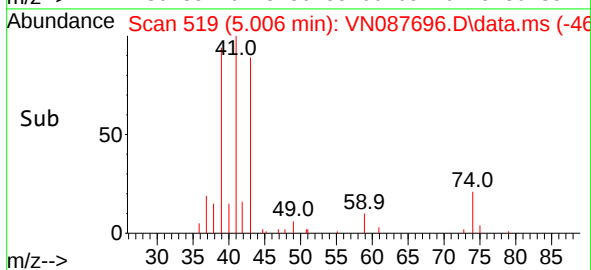
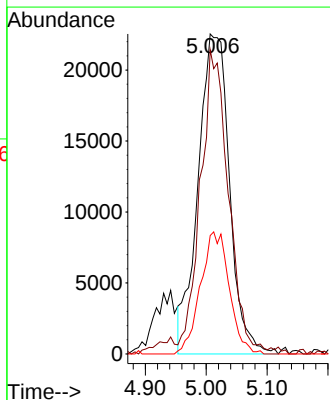
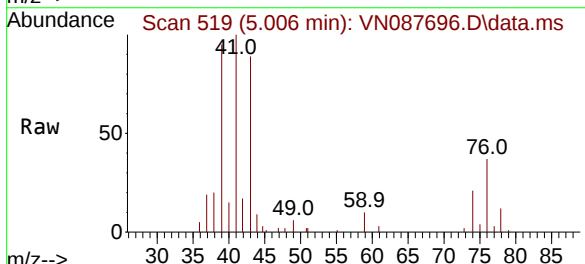
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

Tgt Ion: 56 Resp: 64784
Ion Ratio Lower Upper
56 100
55 72.2 57.3 85.9



#14
Allyl chloride
Concen: 16.391 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

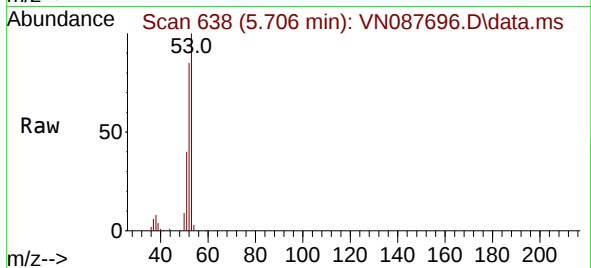
Tgt Ion: 41 Resp: 80908
Ion Ratio Lower Upper
41 100
39 82.3 63.9 95.9
76 34.9 28.1 42.1



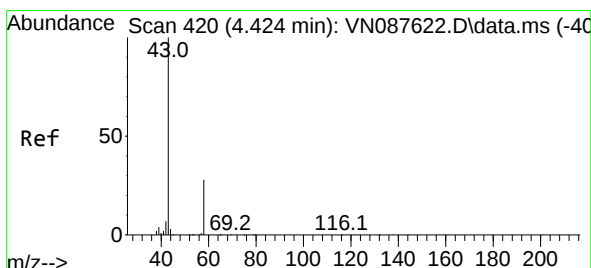
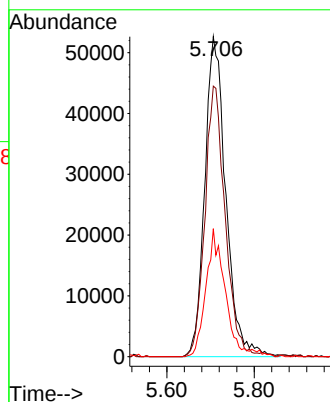
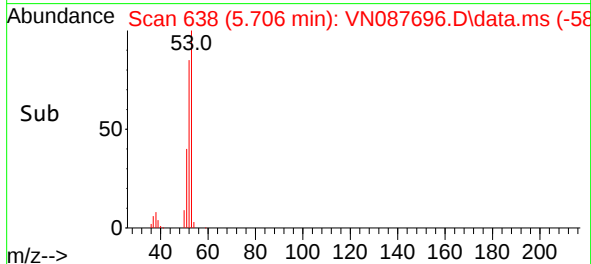


#15
Acrylonitrile
Concen: 92.979 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

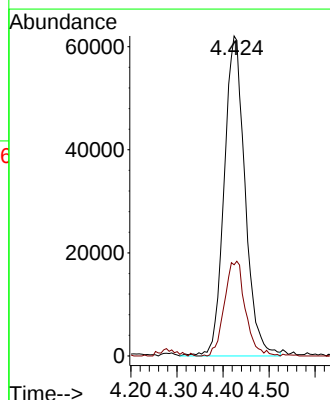
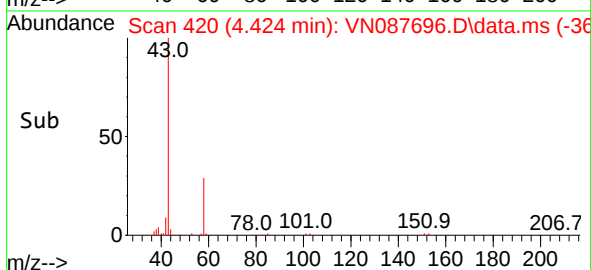
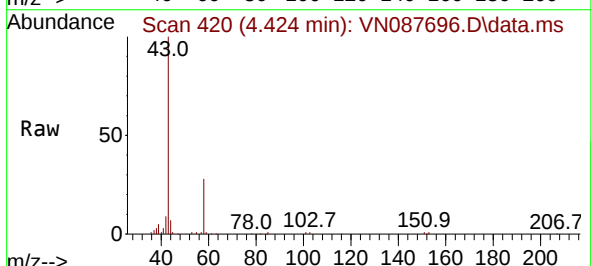


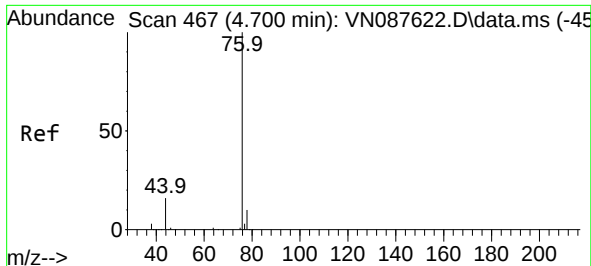
Tgt Ion: 53 Resp: 176216
Ion Ratio Lower Upper
53 100
52 81.2 67.6 101.4
51 35.7 30.1 45.1



#16
Acetone
Concen: 92.563 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 43 Resp: 195049
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

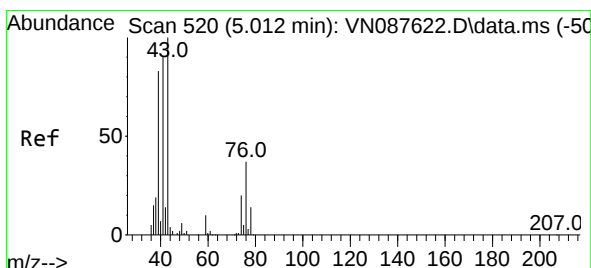
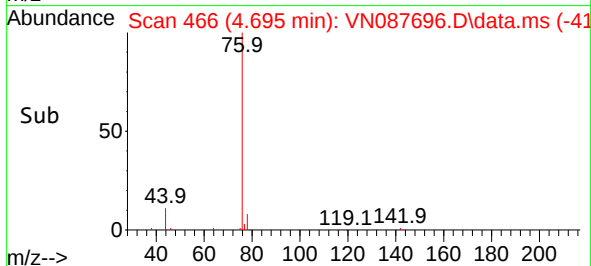
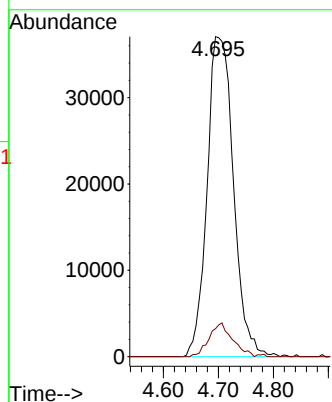
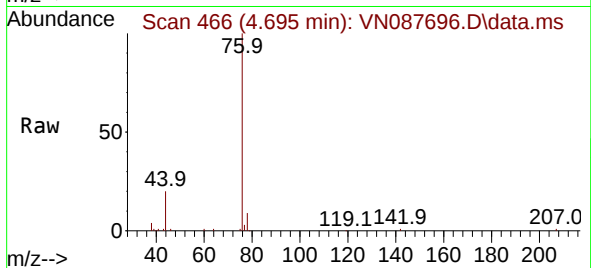




#17
Carbon Disulfide
Concen: 16.478 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

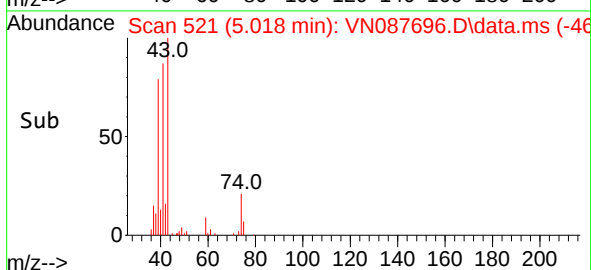
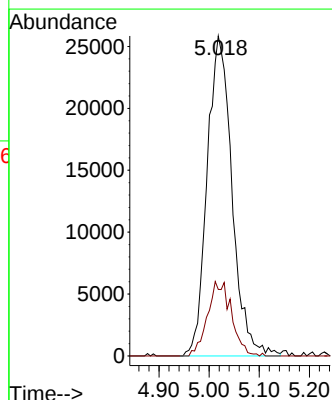
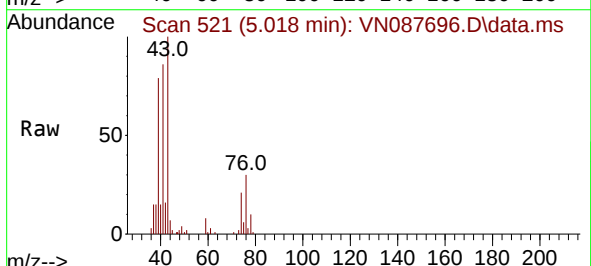
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

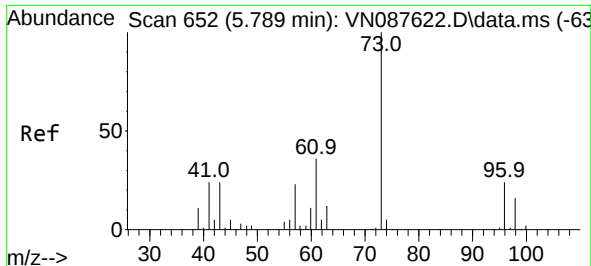
Tgt Ion: 76 Resp: 123567
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#18
Methyl Acetate
Concen: 20.185 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 43 Resp: 89056
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4

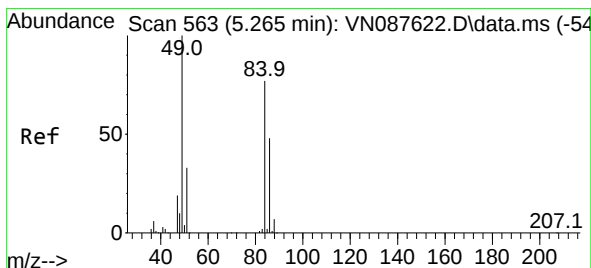
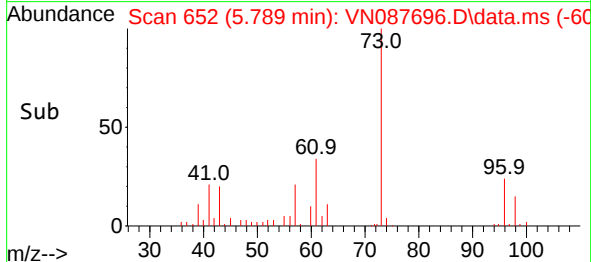
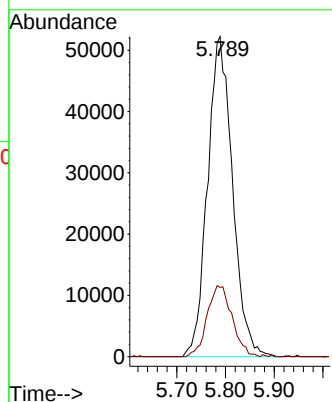
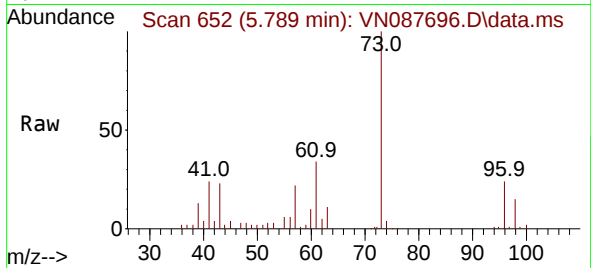




#19
Methyl tert-butyl Ether
Concen: 18.188 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

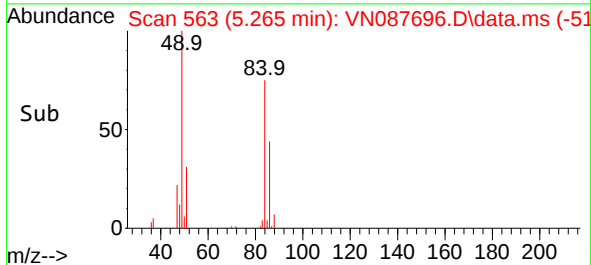
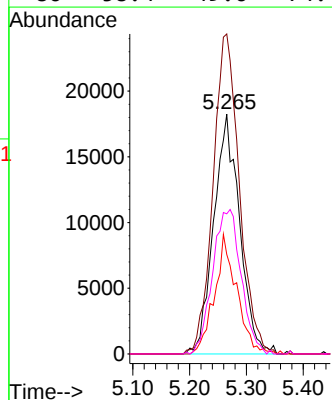
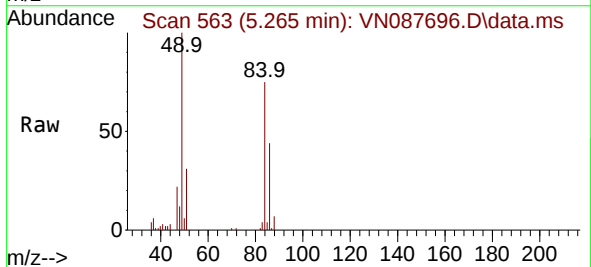
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

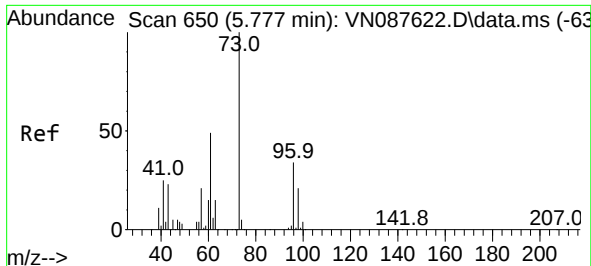
Tgt Ion: 73 Resp: 185853
Ion Ratio Lower Upper
73 100
57 21.6 18.4 27.6



#20
Methylene Chloride
Concen: 18.102 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 84 Resp: 57586
Ion Ratio Lower Upper
84 100
49 133.4 103.4 155.2
51 41.5 33.8 50.8
86 58.4 49.6 74.4

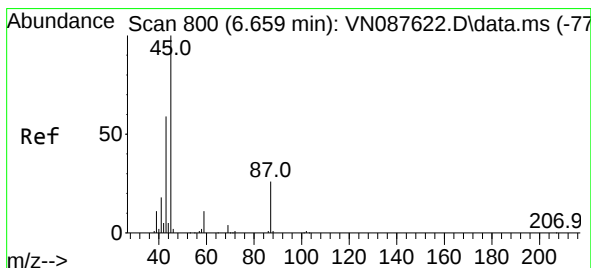
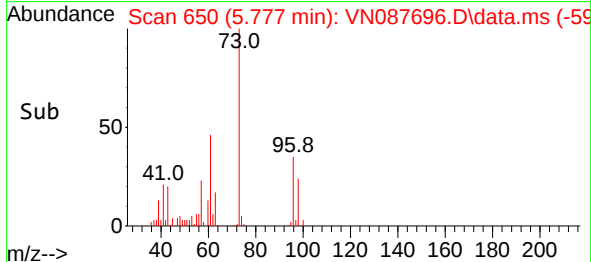
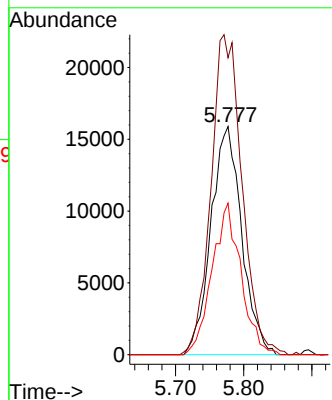
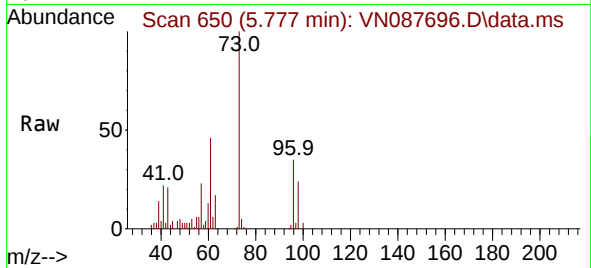




#21
trans-1,2-Dichloroethene
Concen: 16.914 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

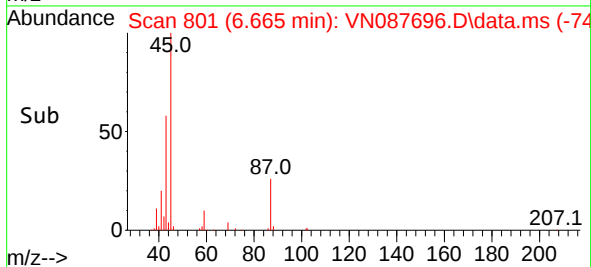
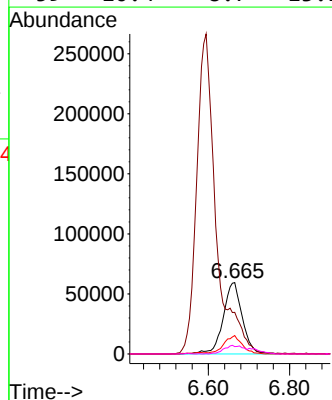
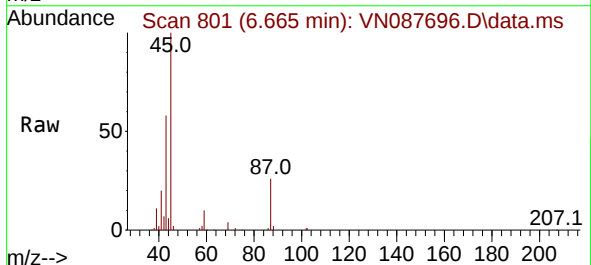
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

Tgt Ion: 96 Resp: 49933
Ion Ratio Lower Upper
96 100
61 130.1 118.0 177.0
98 66.4 50.0 75.0



#22
Diisopropyl ether
Concen: 18.213 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 45 Resp: 194004
Ion Ratio Lower Upper
45 100
43 57.4 47.7 71.5
87 25.8 21.4 32.0
59 10.4 8.7 13.1

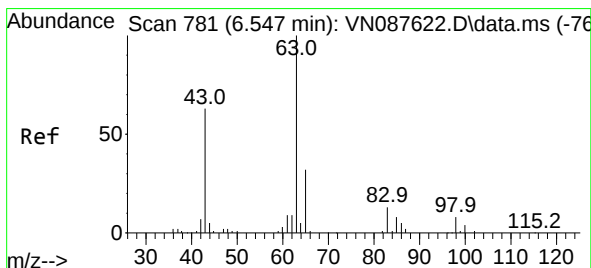
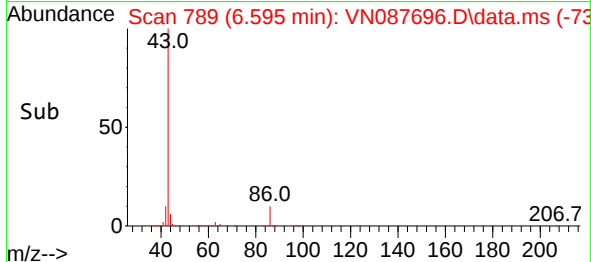
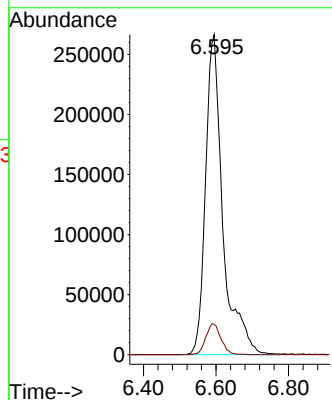
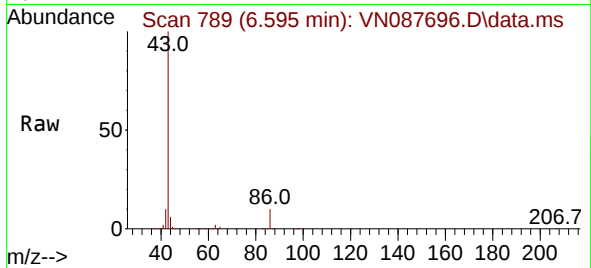




#23
 Vinyl Acetate
 Concen: 91.028 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

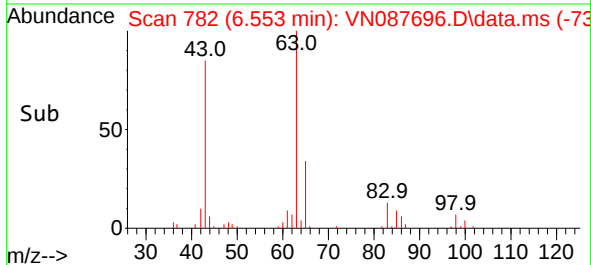
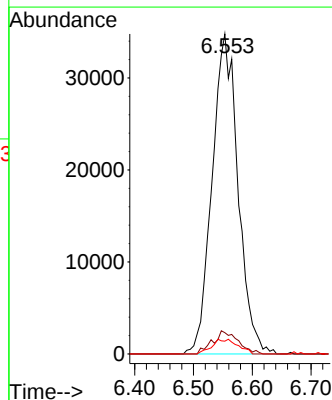
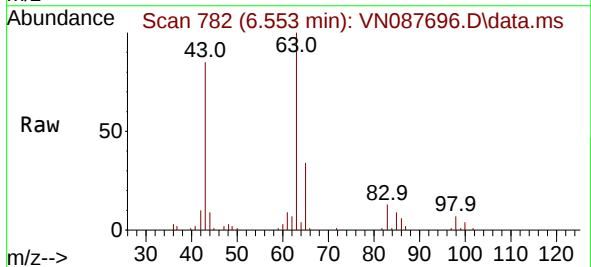
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

Tgt Ion: 43 Resp: 882161
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 18.258 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Tgt Ion: 63 Resp: 106632
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.0 2.0 6.0

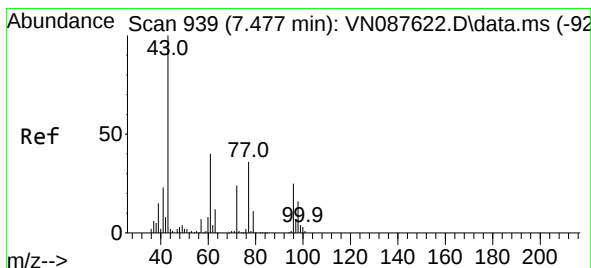
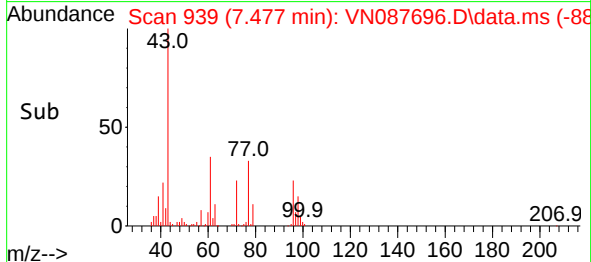
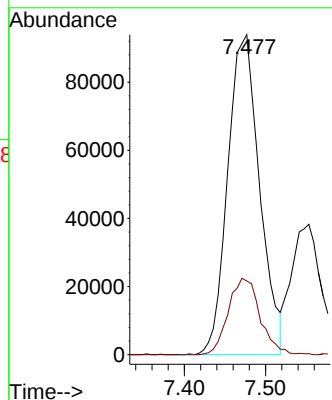
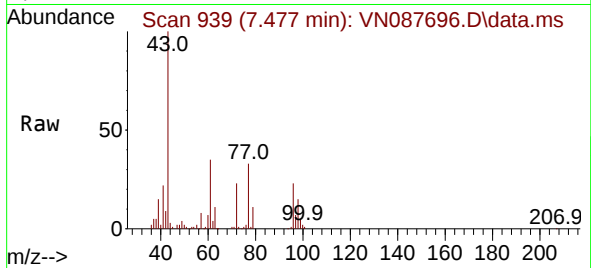




#25
2-Butanone
Concen: 92.589 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

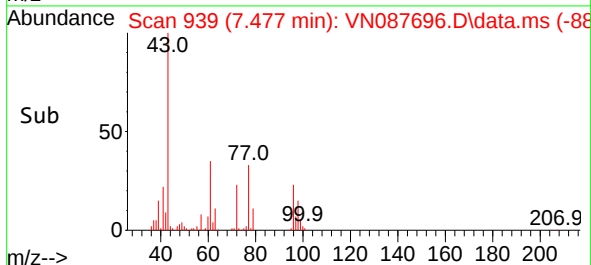
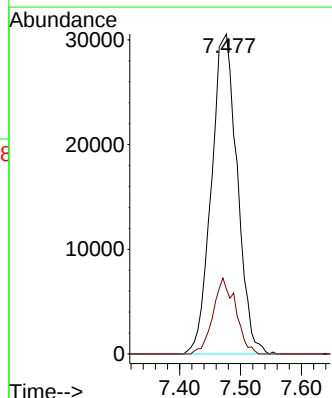
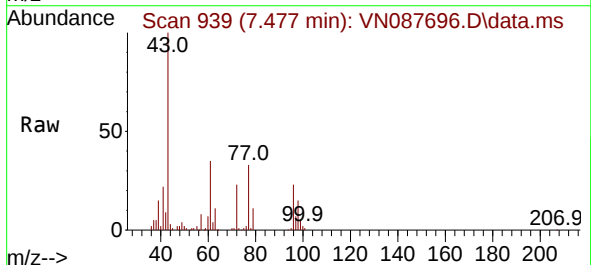
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

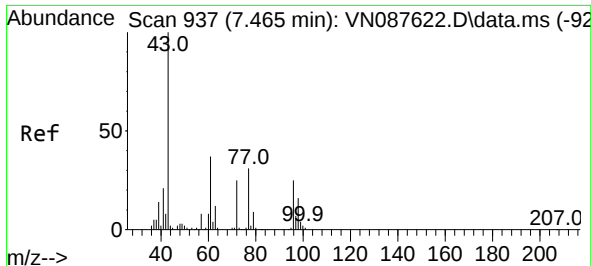
Tgt Ion: 43 Resp: 256683
Ion Ratio Lower Upper
43 100
72 23.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 17.925 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 77 Resp: 89854
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7



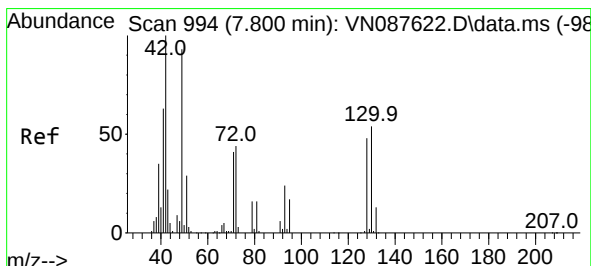
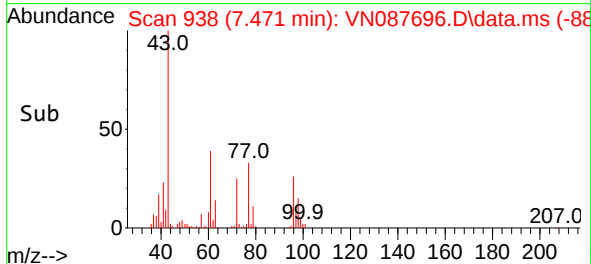
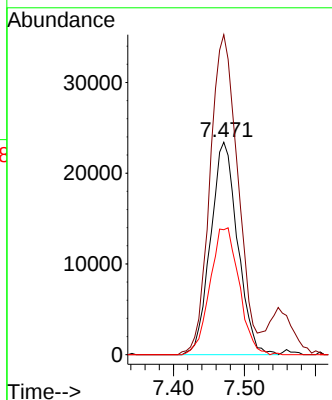
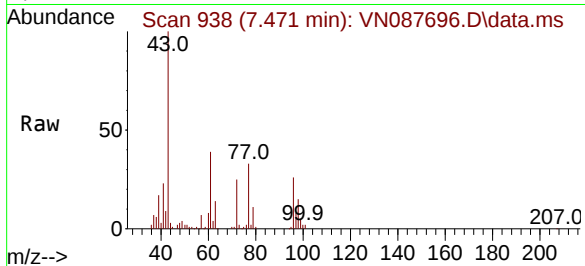


#27
 cis-1,2-Dichloroethene
 Concen: 17.534 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.006 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

Tgt Ion: 96 Resp: 61880

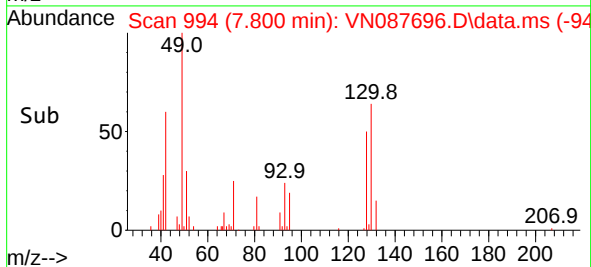
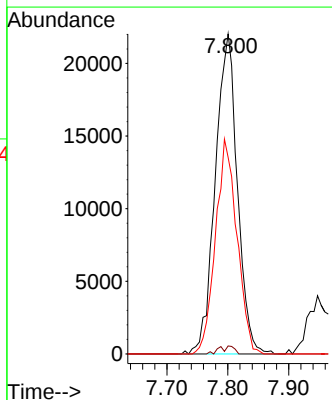
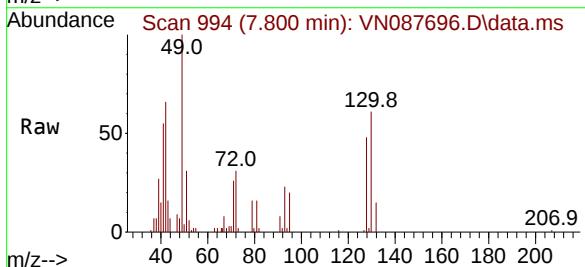
Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	301.8
98	64.3	0.0	126.2

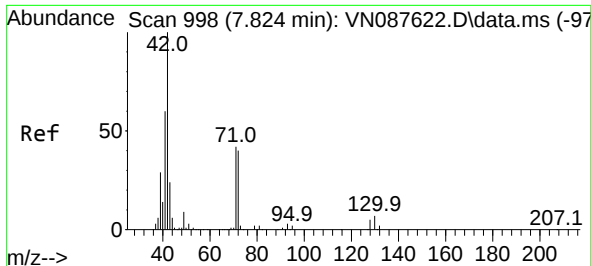


#28
 Bromochloromethane
 Concen: 19.685 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Tgt Ion: 49 Resp: 55580

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.0
130	65.2	53.1	79.7





#29

Tetrahydrofuran

Concen: 88.947 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

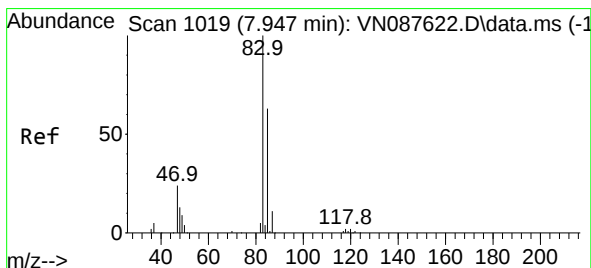
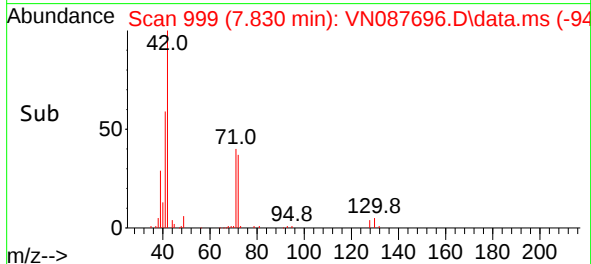
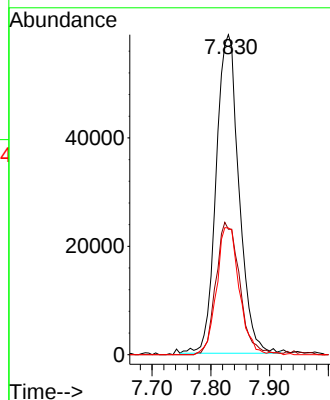
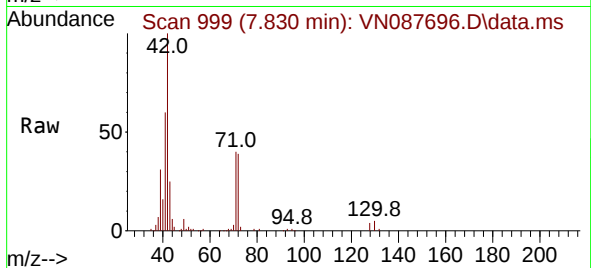
Tgt Ion: 42 Resp: 158693

Ion Ratio Lower Upper

42 100

72 43.1 33.7 50.5

71 39.7 31.9 47.9



#30

Chloroform

Concen: 18.799 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087696.D

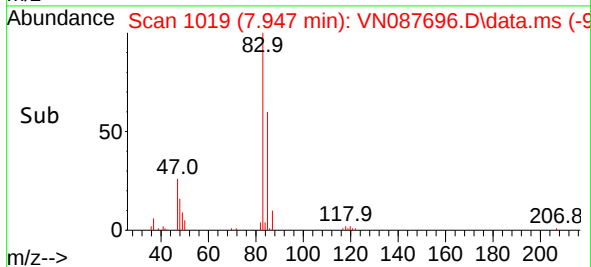
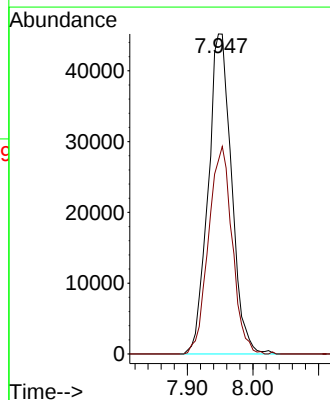
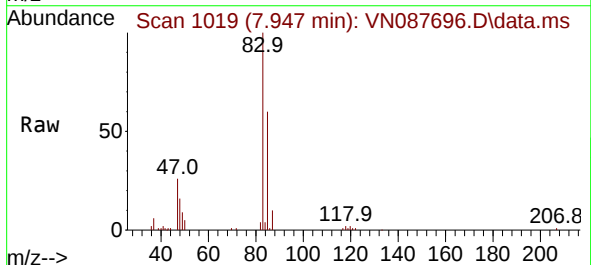
Acq: 29 Aug 2025 13:24

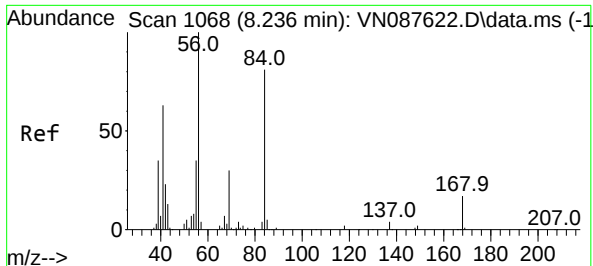
Tgt Ion: 83 Resp: 112063

Ion Ratio Lower Upper

83 100

85 60.4 50.7 76.1

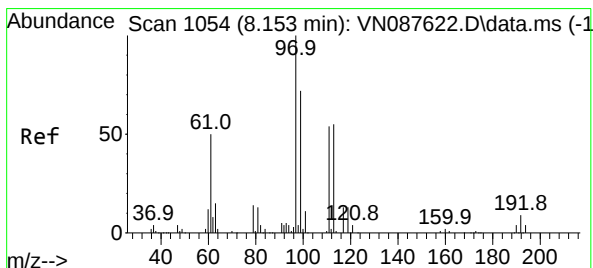
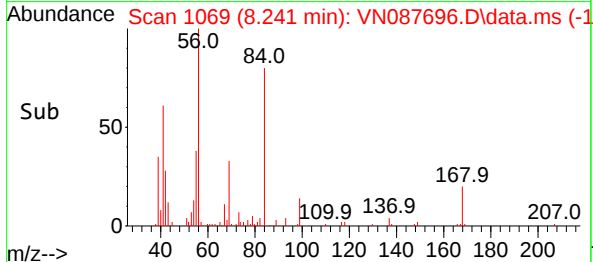
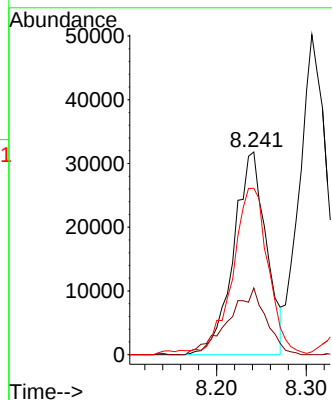
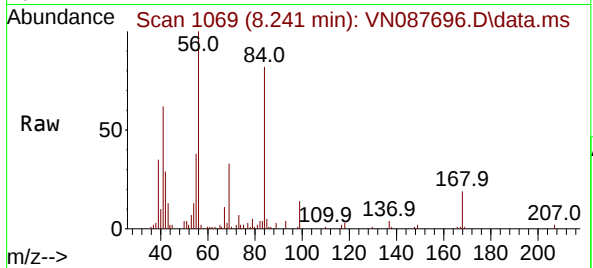




#31
Cyclohexane
Concen: 16.495 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

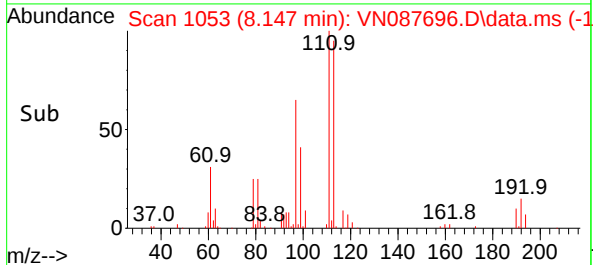
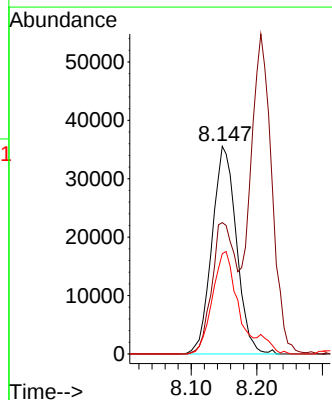
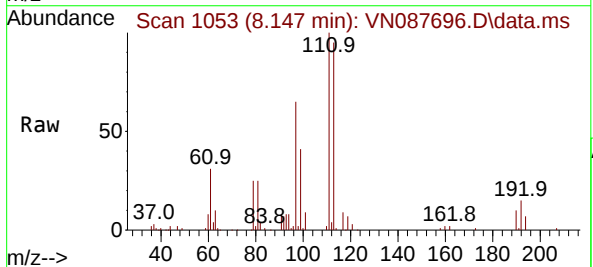
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

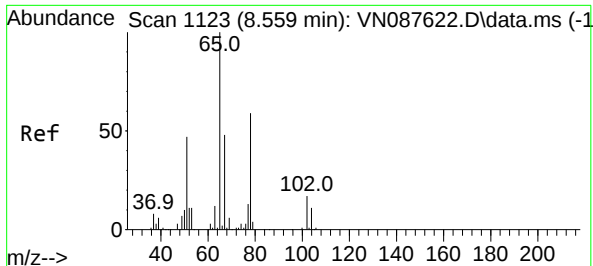
Tgt Ion: 56 Resp: 80311
Ion Ratio Lower Upper
56 100
69 31.9 23.7 35.5
84 79.9 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 18.179 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 97 Resp: 91842
Ion Ratio Lower Upper
97 100
99 59.6 52.2 78.2
61 49.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 48.508 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

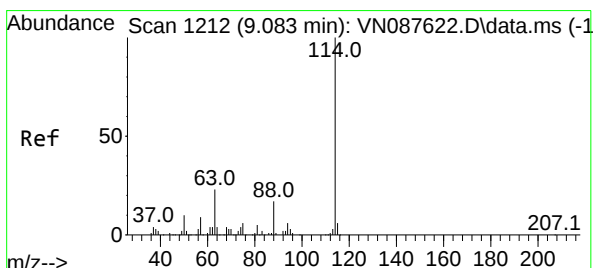
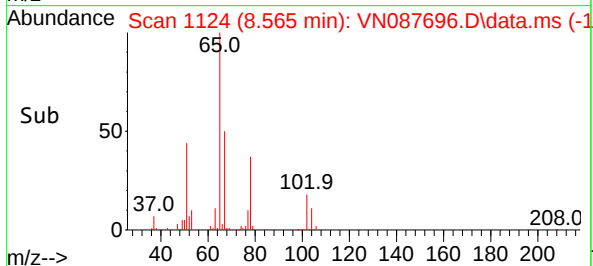
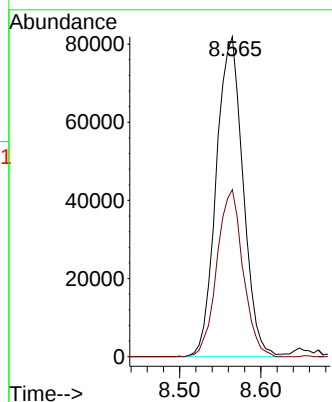
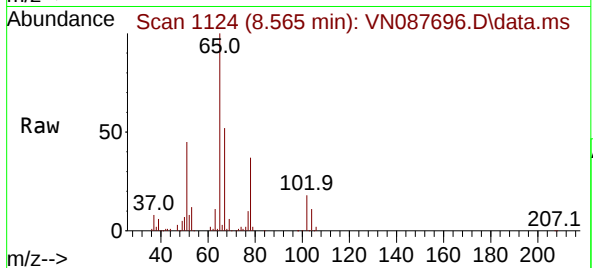
VN0829MBS01

Tgt Ion: 65 Resp: 187772

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

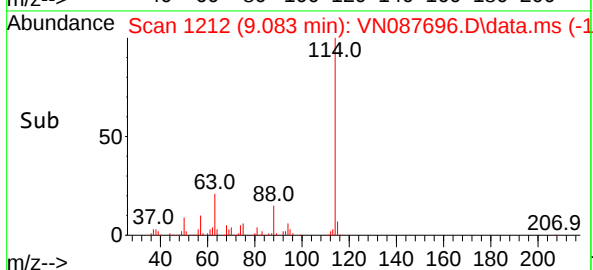
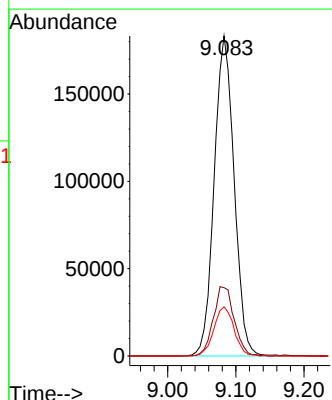
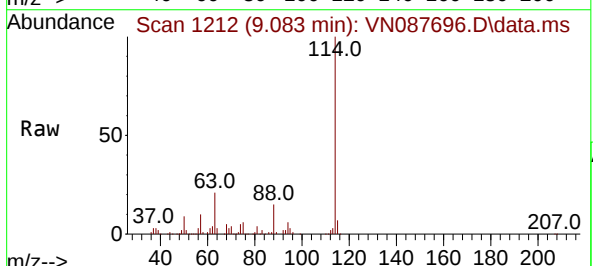
Tgt Ion: 114 Resp: 373365

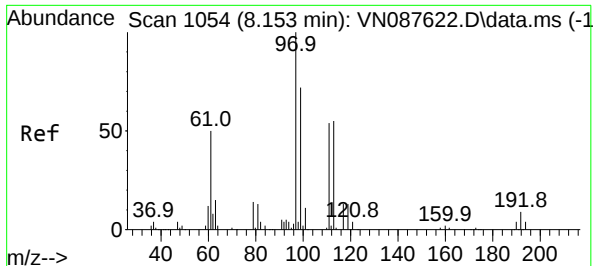
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.977 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

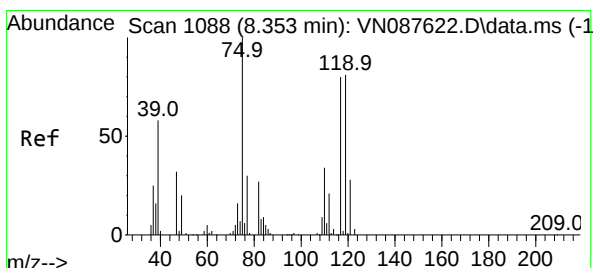
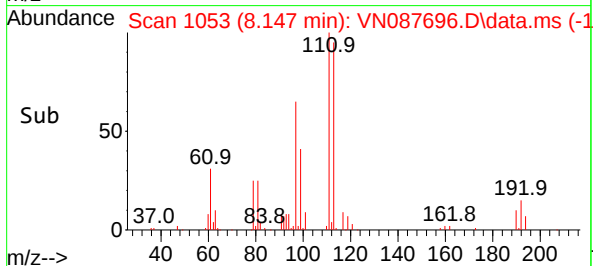
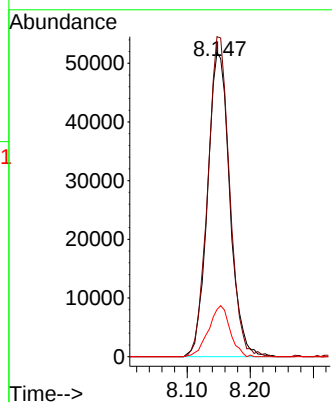
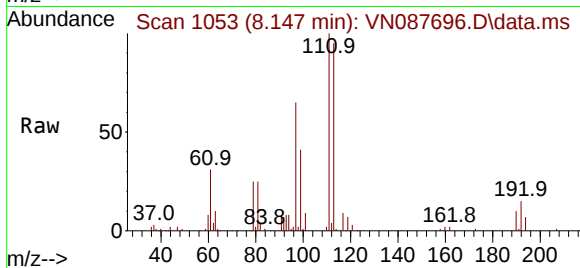
Tgt Ion:113 Resp: 126636

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 16.1 12.8 19.2



#36

1,1-Dichloropropene

Concen: 16.473 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

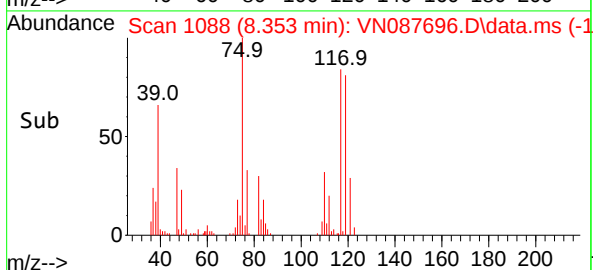
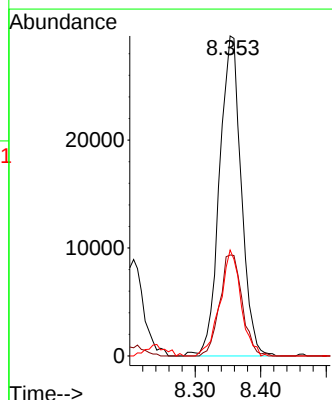
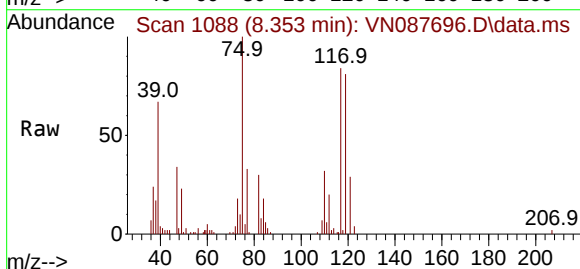
Tgt Ion: 75 Resp: 68123

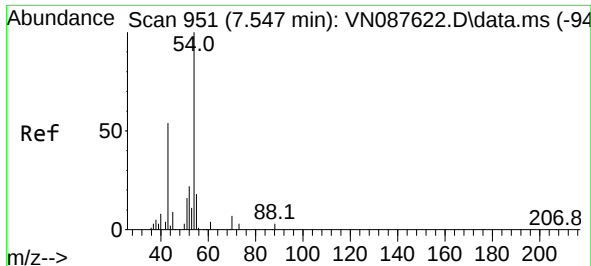
Ion Ratio Lower Upper

75 100

110 32.6 15.9 47.6

77 31.9 24.4 36.6

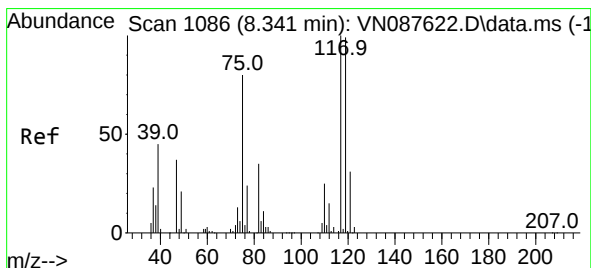
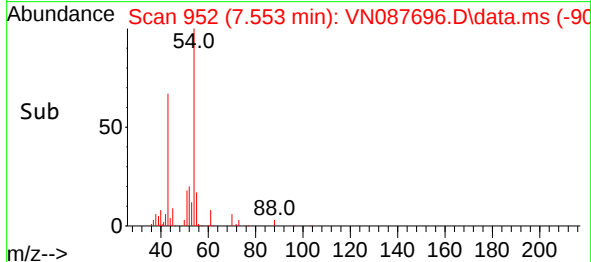
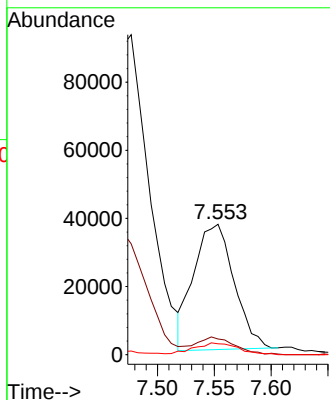
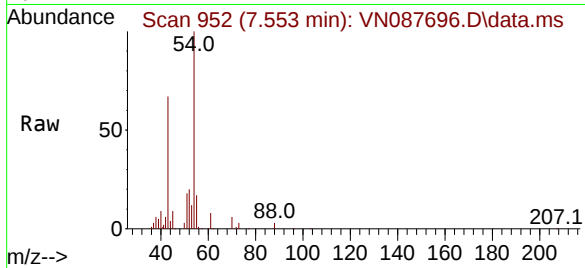




#37
Ethyl Acetate
Concen: 16.141 ug/l
RT: 7.553 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

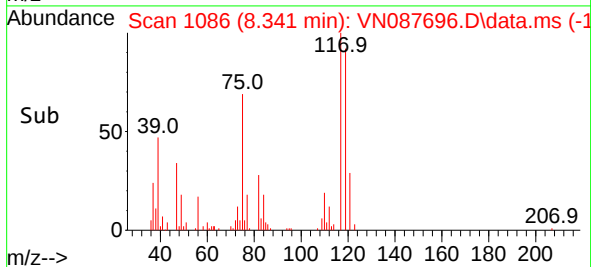
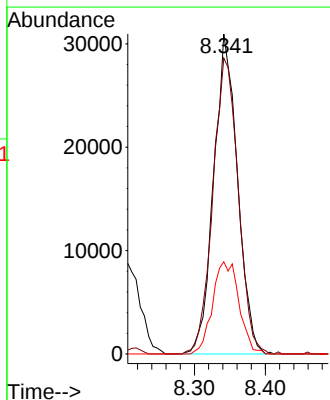
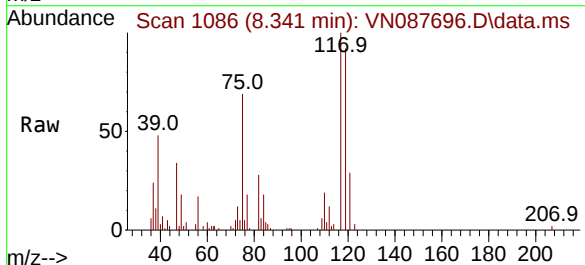
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

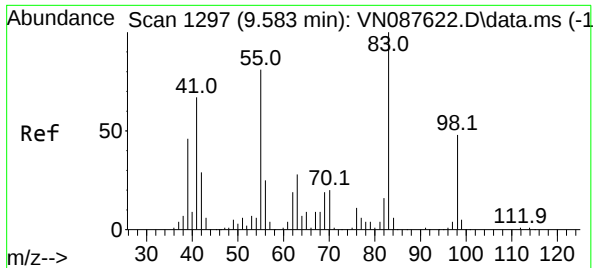
Tgt Ion: 43 Resp: 91214
Ion Ratio Lower Upper
43 100
61 13.3 9.3 13.9
70 10.2 7.0 10.6



#38
Carbon Tetrachloride
Concen: 17.584 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 117 Resp: 71797
Ion Ratio Lower Upper
117 100
119 92.5 79.0 118.6
121 28.8 25.0 37.6

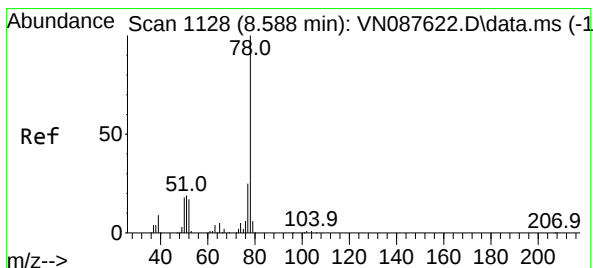
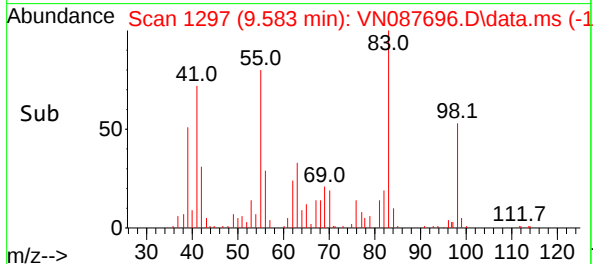
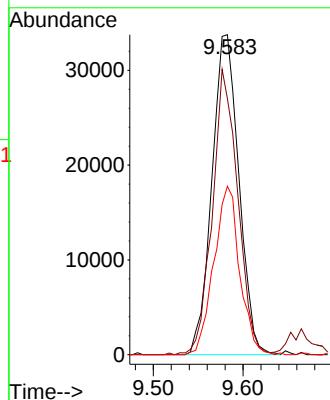
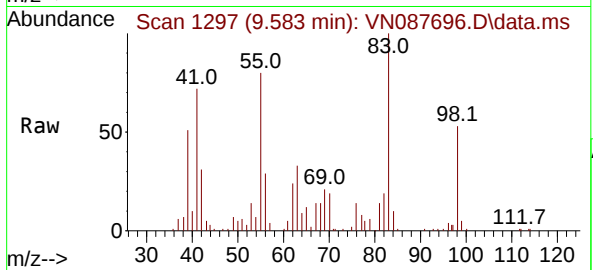




#39
Methylcyclohexane
Concen: 15.504 ug/l
RT: 9.583 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

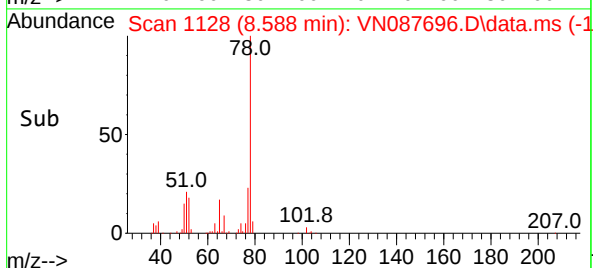
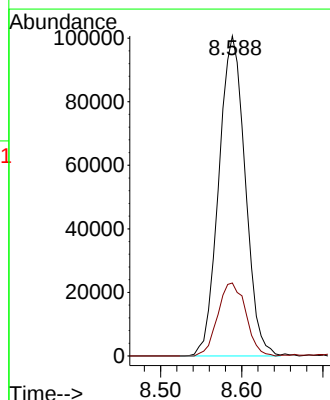
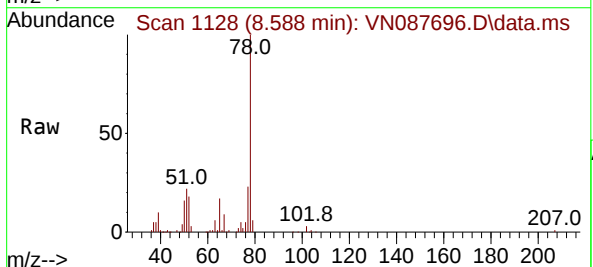
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

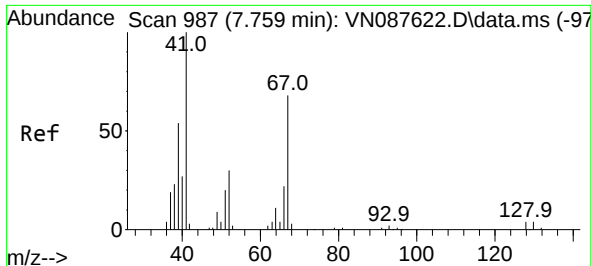
Tgt Ion: 83 Resp: 70588
Ion Ratio Lower Upper
83 100
55 79.5 64.6 96.8
98 52.7 38.4 57.6



#40
Benzene
Concen: 17.923 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 78 Resp: 227341
Ion Ratio Lower Upper
78 100
77 22.8 19.7 29.5

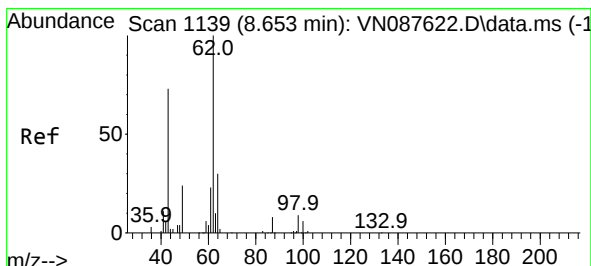
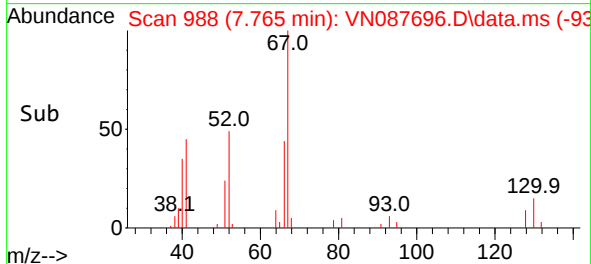
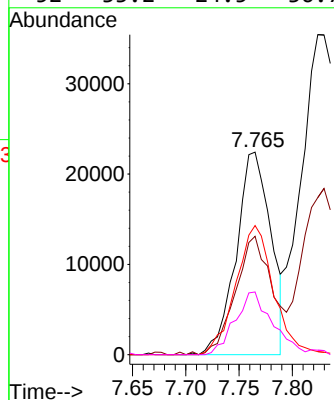
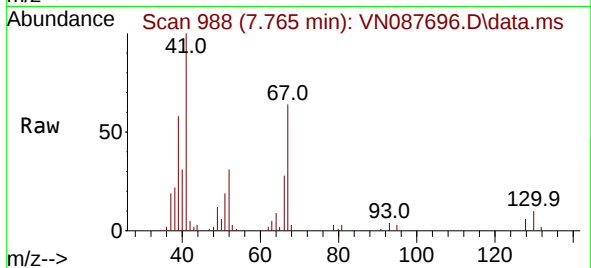




#41
Methacrylonitrile
Concen: 17.389 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

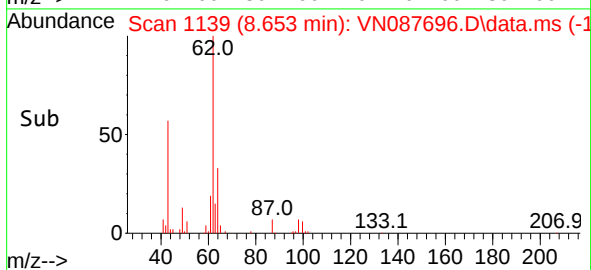
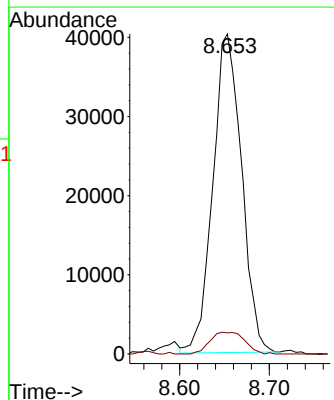
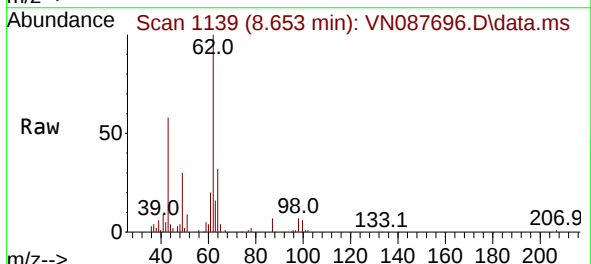
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

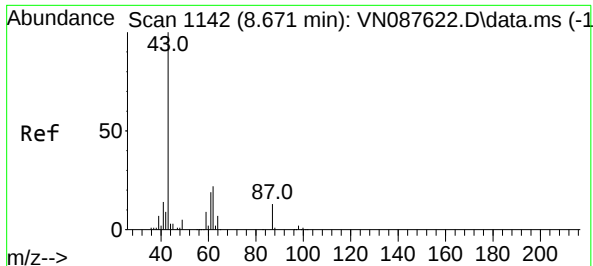
Tgt Ion:	41	Resp:	50902
Ion	Ratio	Lower	Upper
41	100		
39	62.3	45.4	68.0
67	69.7	55.3	82.9
52	33.2	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.355 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:	62	Resp:	89468
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

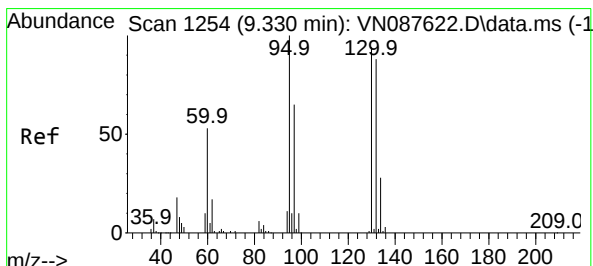
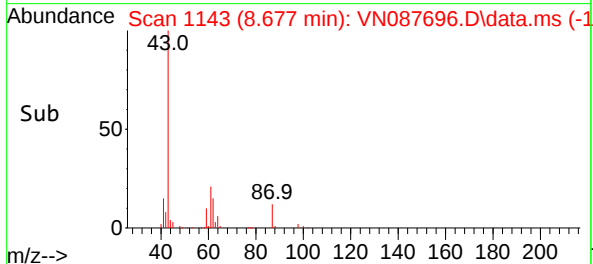
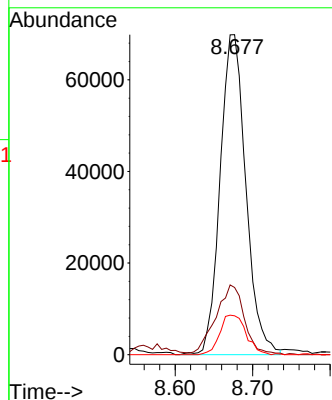
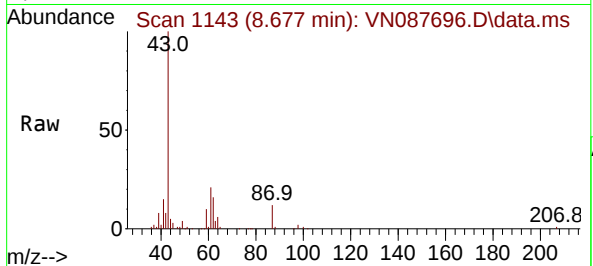




#43
Isopropyl Acetate
Concen: 18.292 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

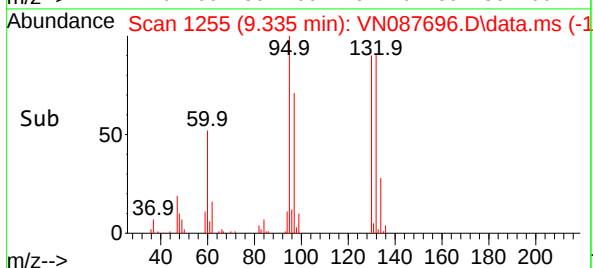
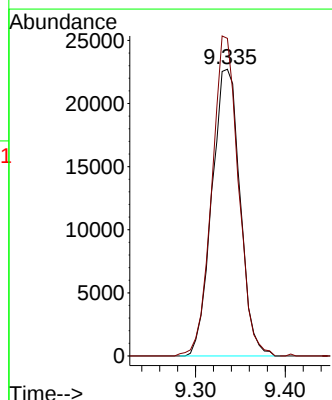
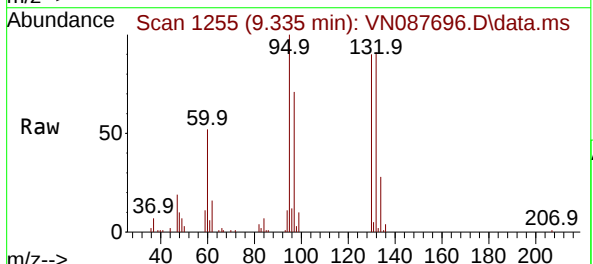
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

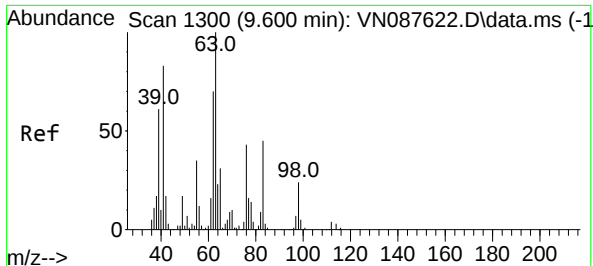
Tgt Ion: 43 Resp: 161391
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.7 9.6 14.4



#44
Trichloroethene
Concen: 17.046 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:130 Resp: 49364
Ion Ratio Lower Upper
130 100
95 110.8 0.0 212.0





#45

1,2-Dichloropropane

Concen: 18.337 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

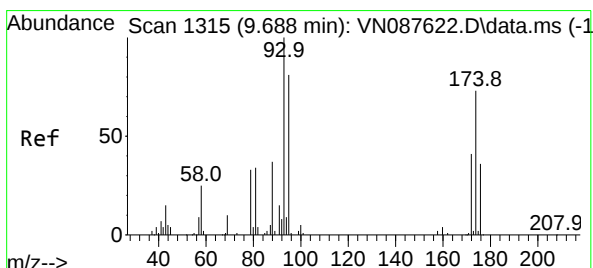
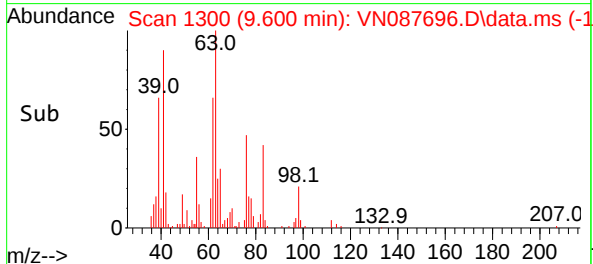
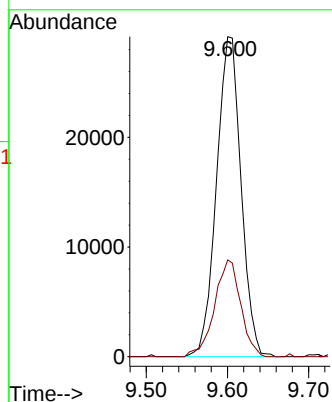
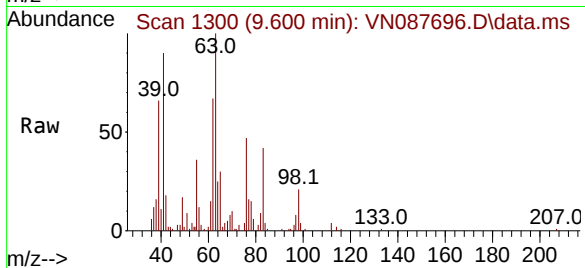
VN0829MBS01

Tgt Ion: 63 Resp: 61307

Ion Ratio Lower Upper

63 100

65 30.3 25.0 37.4



#46

Dibromomethane

Concen: 18.563 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

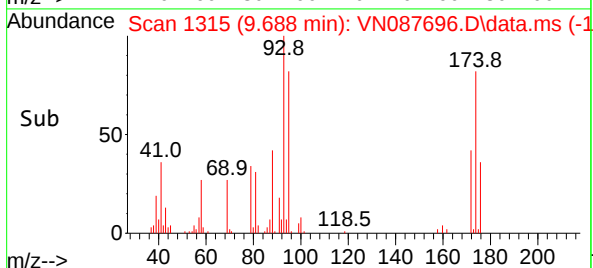
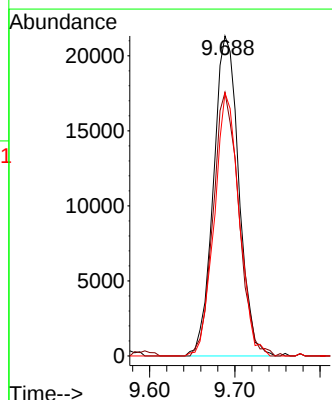
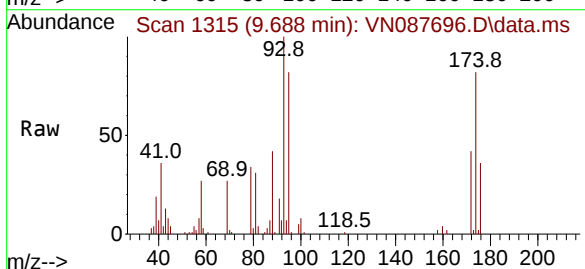
Tgt Ion: 93 Resp: 44167

Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 80.1 63.4 95.2





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 9.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

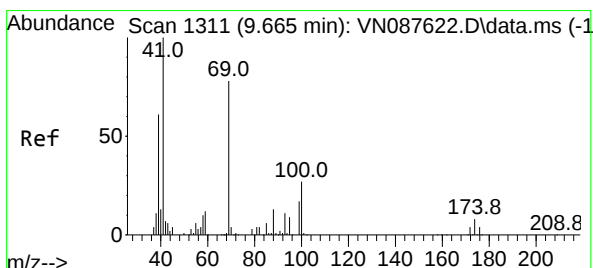
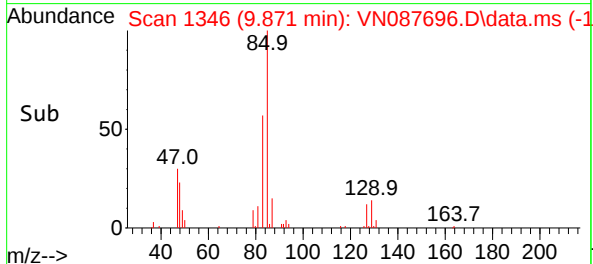
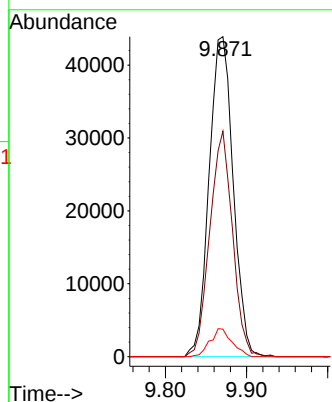
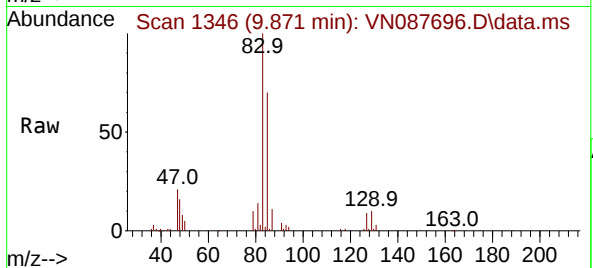
Tgt Ion: 83 Resp: 90297

Ion Ratio Lower Upper

83 100

85 70.5 52.5 78.7

127 8.6 5.8 8.6



#48

Methyl methacrylate

Concen: 17.413 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

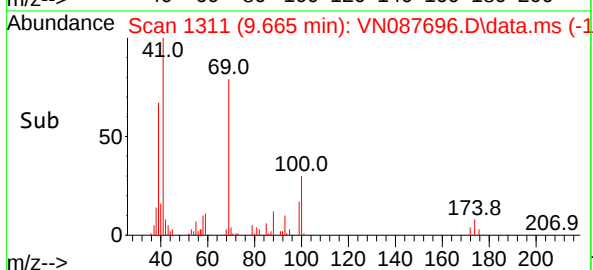
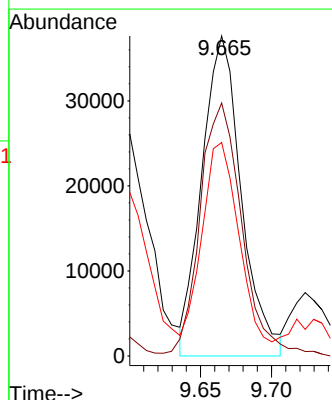
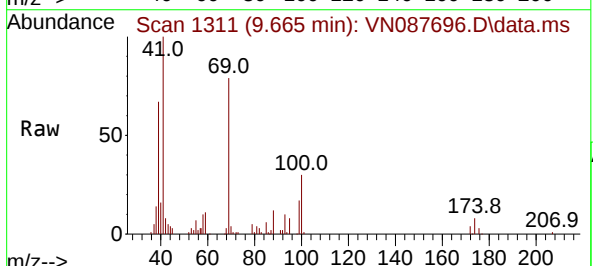
Tgt Ion: 41 Resp: 72668

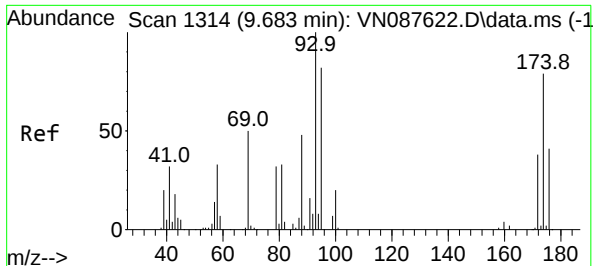
Ion Ratio Lower Upper

41 100

69 83.9 62.7 94.1

39 64.2 52.9 79.3





#49

1,4-Dioxane

Concen: 405.926 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

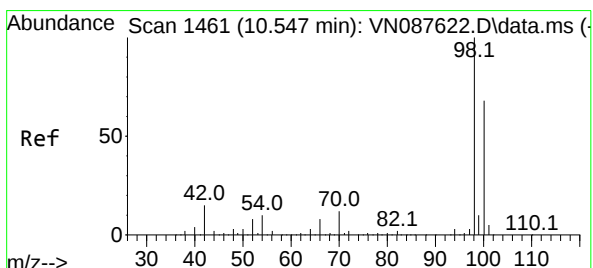
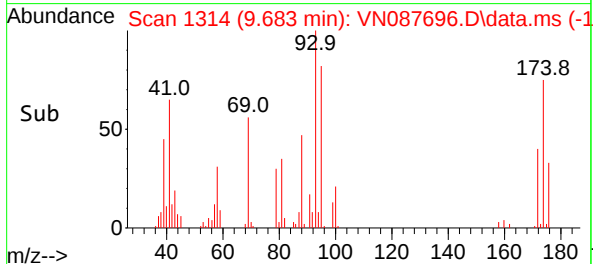
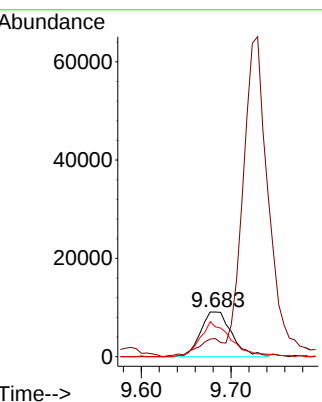
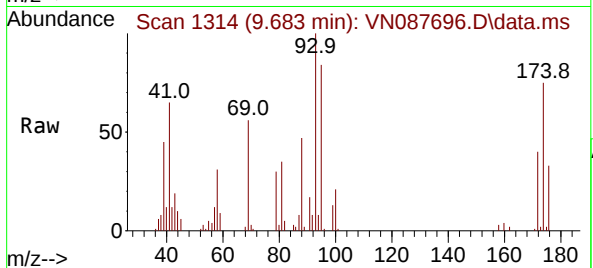
Tgt Ion: 88 Resp: 21957

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 78.8 57.9 86.9



#50

Toluene-d8

Concen: 45.726 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087696.D

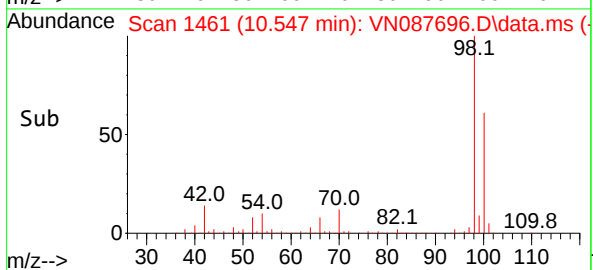
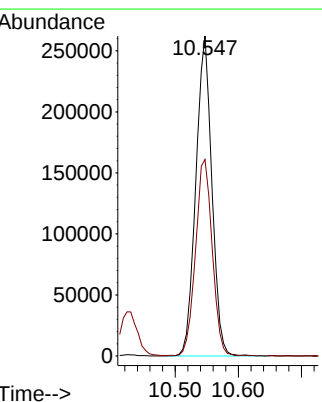
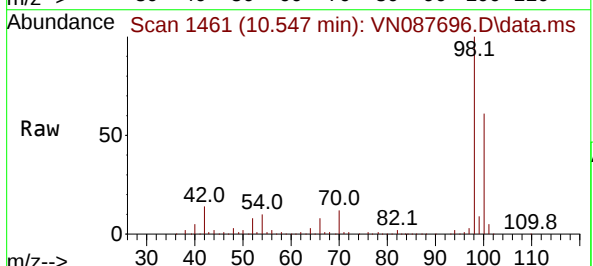
Acq: 29 Aug 2025 13:24

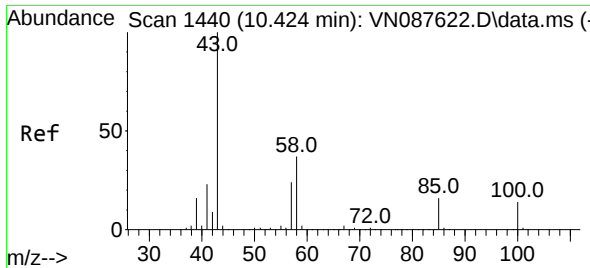
Tgt Ion: 98 Resp: 461350

Ion Ratio Lower Upper

98 100

100 63.7 52.8 79.2

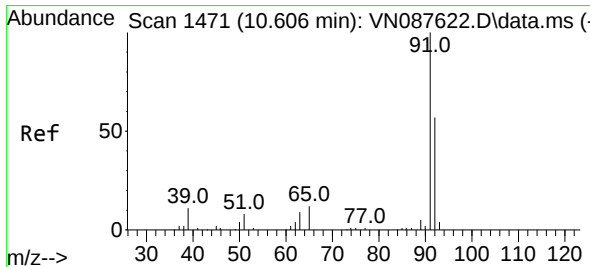
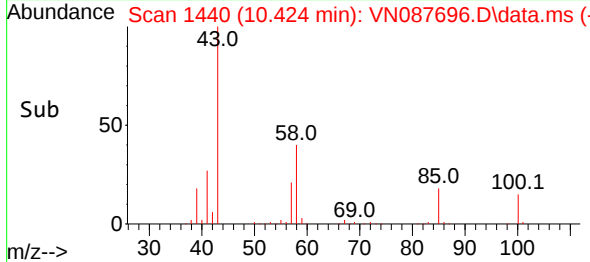
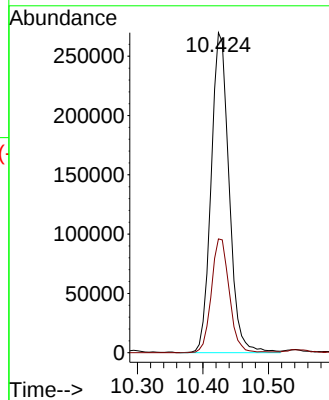
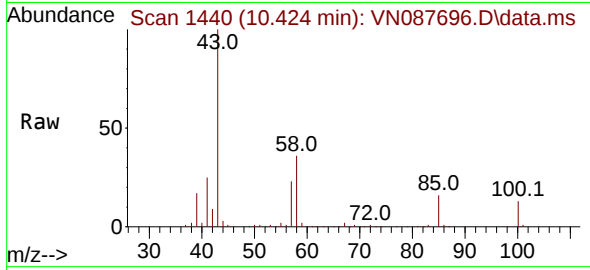




#51
4-Methyl-2-Pentanone
Concen: 96.430 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

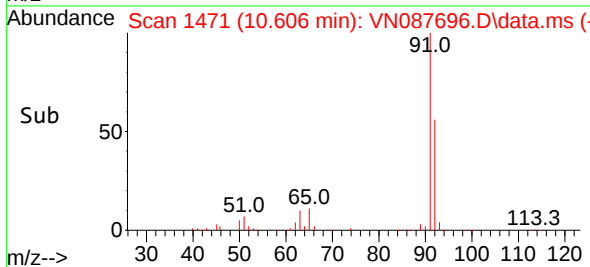
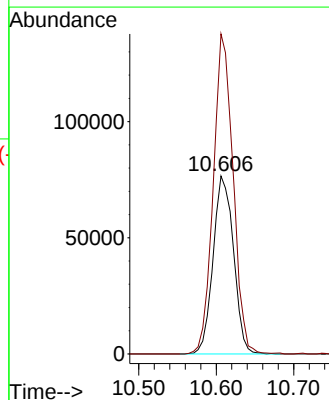
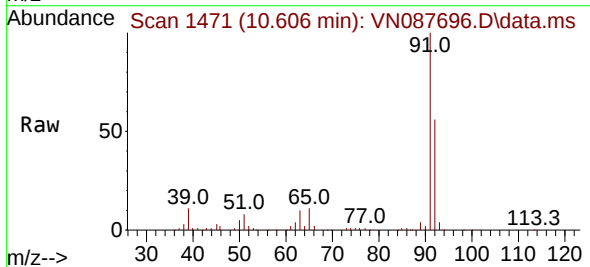
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

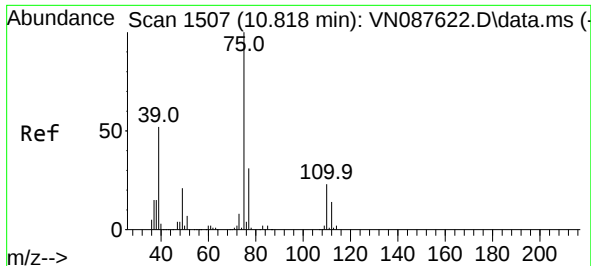
Tgt Ion: 43 Resp: 513315
Ion Ratio Lower Upper
43 100
58 35.6 29.6 44.4



#52
Toluene
Concen: 17.814 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 92 Resp: 140083
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6

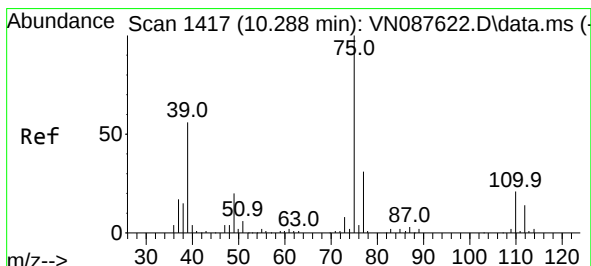
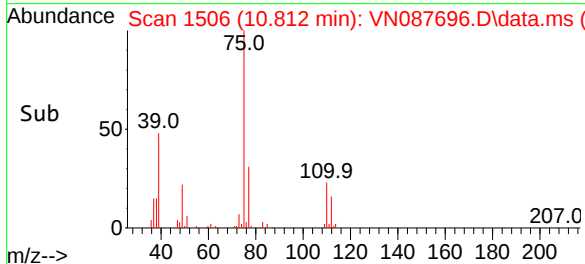
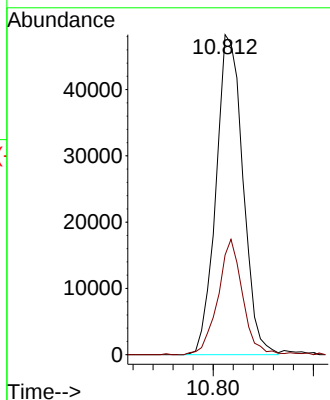
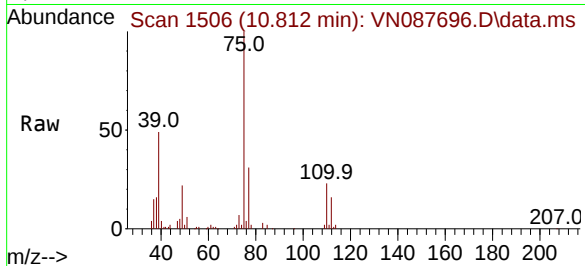




#53
t-1,3-Dichloropropene
Concen: 17.832 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

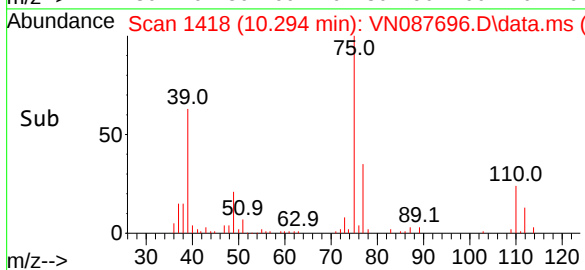
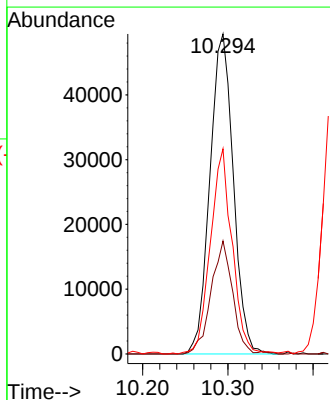
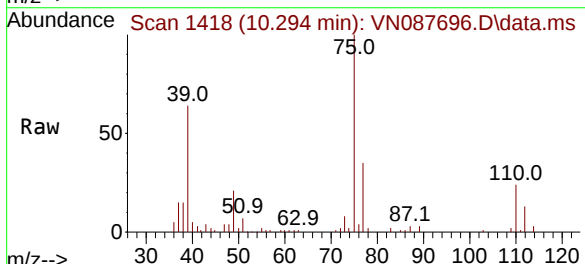
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

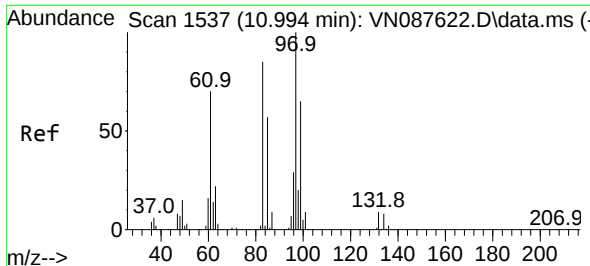
Tgt Ion: 75 Resp: 90004
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 18.034 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 75 Resp: 94514
Ion Ratio Lower Upper
75 100
77 35.3 24.6 37.0
39 64.1 45.2 67.8

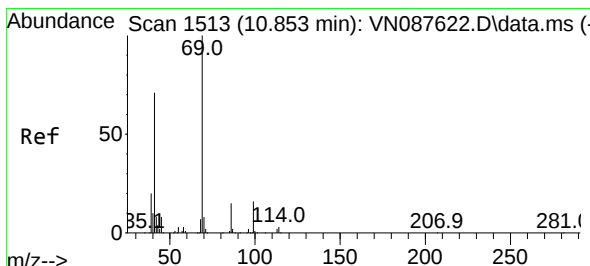
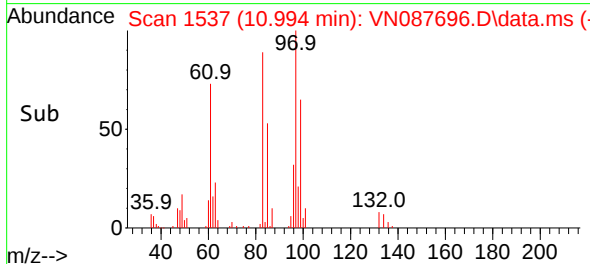
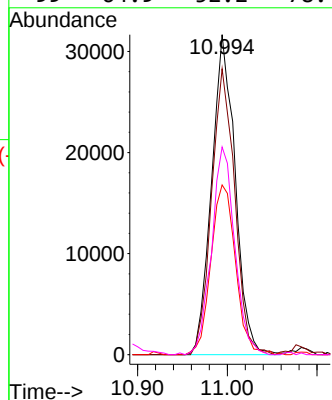
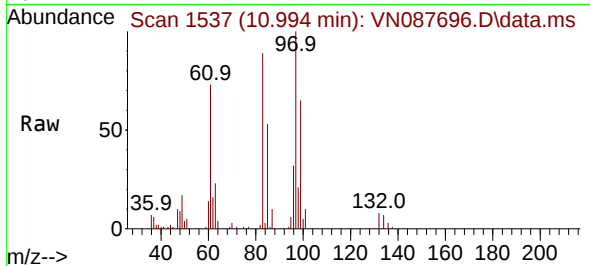




#55
 1,1,2-Trichloroethane
 Concen: 18.988 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

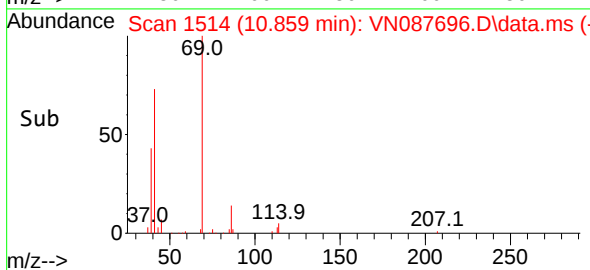
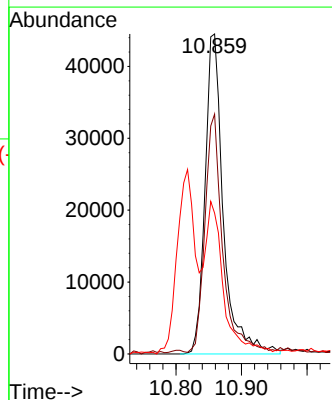
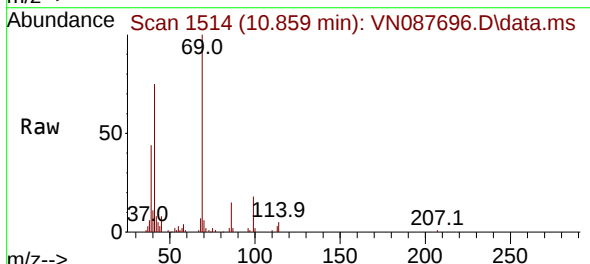
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

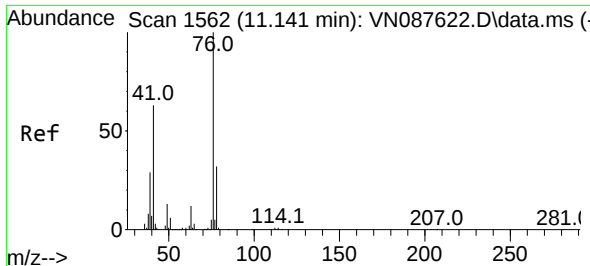
Tgt Ion:	97	Resp:	57761
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.4
85	53.1	45.5	68.3
99	64.9	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 17.779 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Tgt Ion:	69	Resp:	86431
Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.5	84.7
39	46.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.931 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

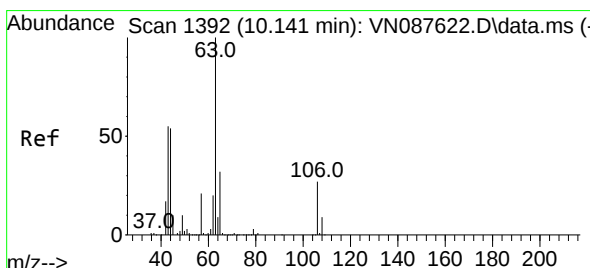
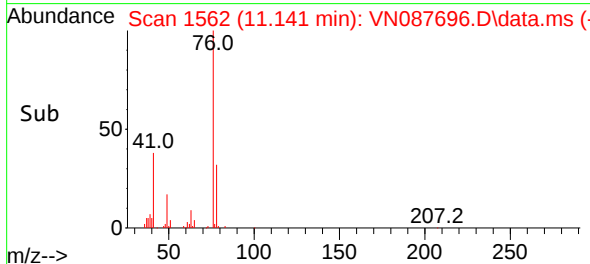
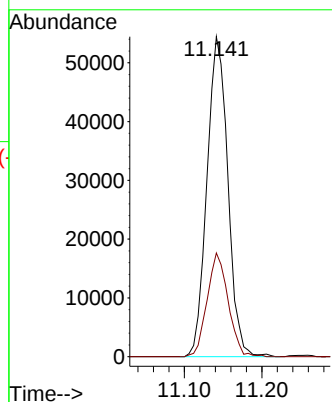
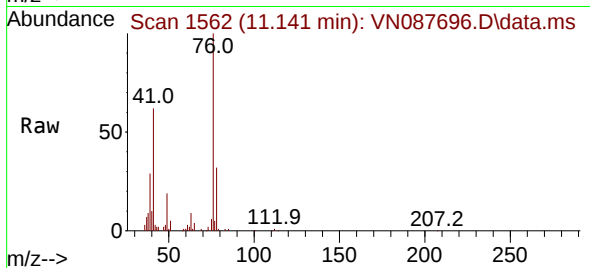
VN0829MBS01

Tgt Ion: 76 Resp: 101919

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.951 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087696.D

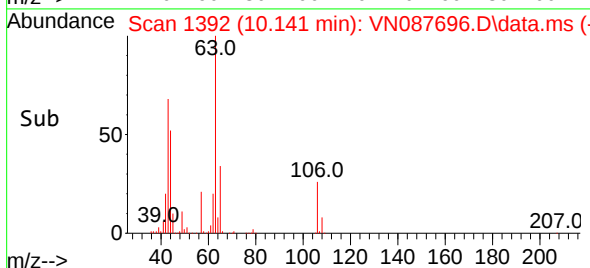
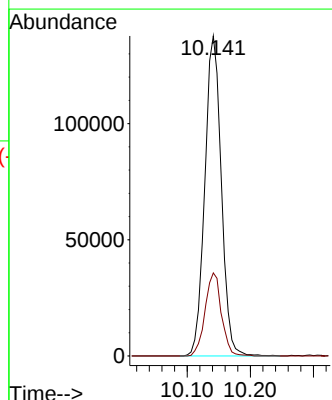
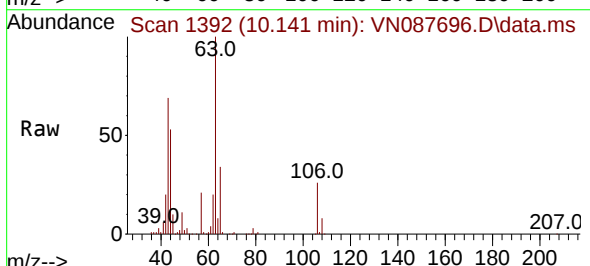
Acq: 29 Aug 2025 13:24

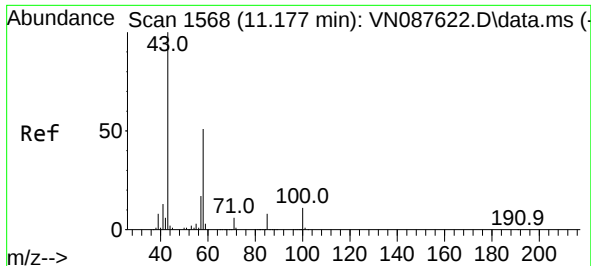
Tgt Ion: 63 Resp: 249840

Ion Ratio Lower Upper

63 100

106 25.7 21.1 31.7

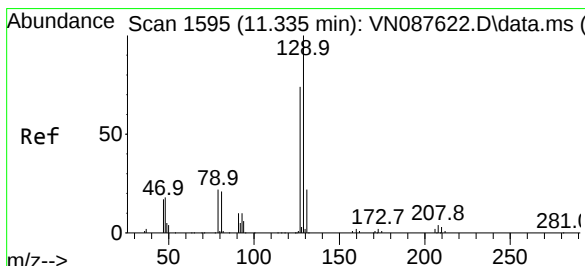
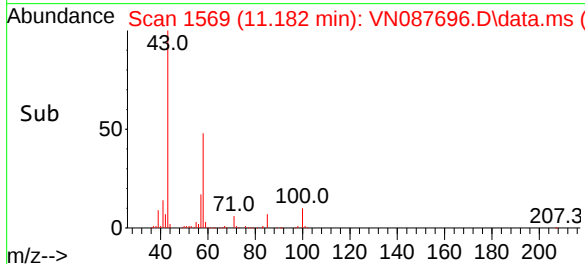
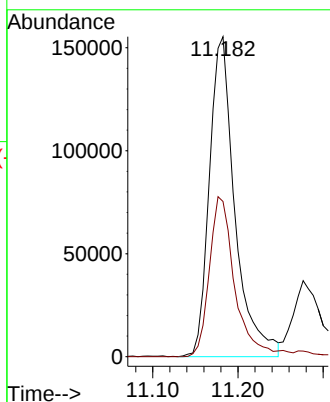
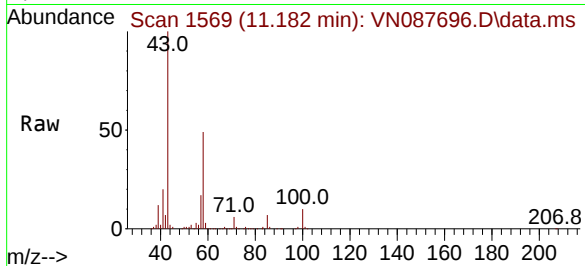




#59
2-Hexanone
Concen: 96.028 ug/l
RT: 11.182 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

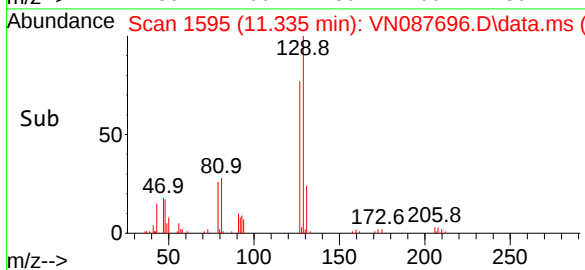
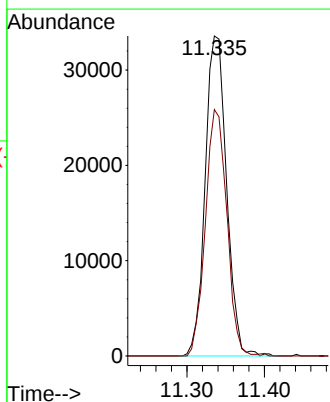
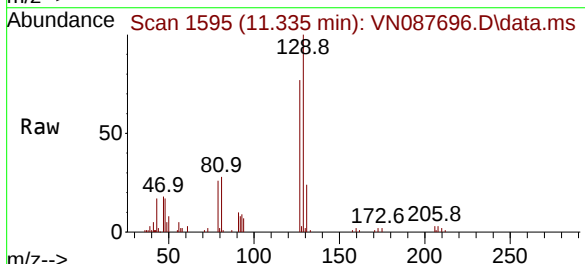
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

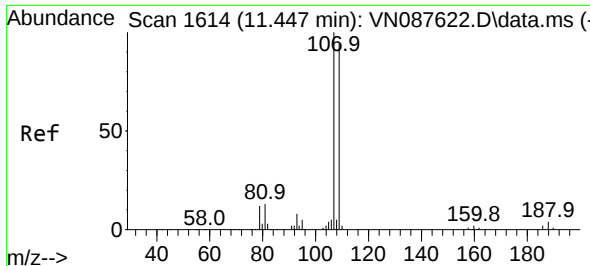
Tgt Ion: 43 Resp: 323063
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.8



#60
Dibromochloromethane
Concen: 18.251 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 129 Resp: 64331
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

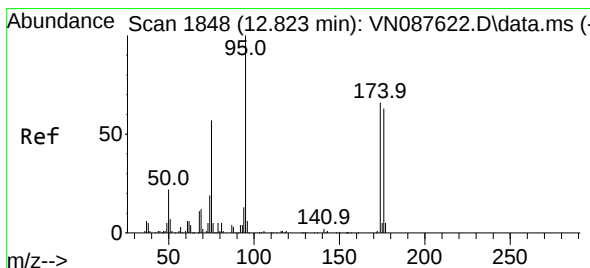
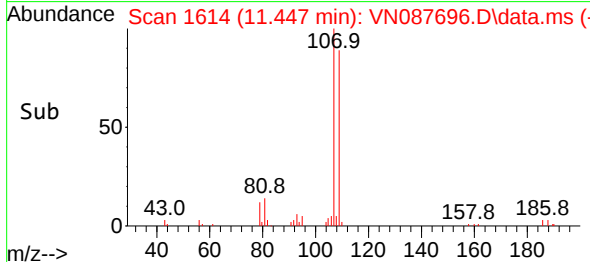
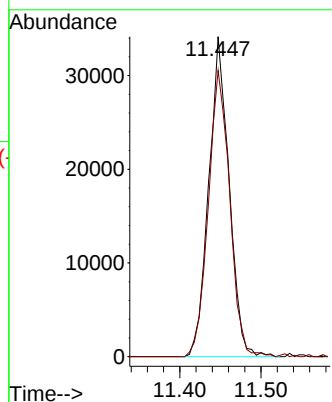
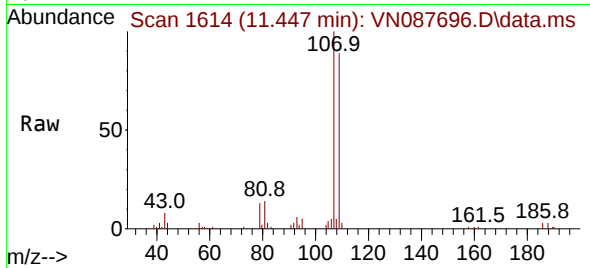




#61
1,2-Dibromoethane
Concen: 18.555 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

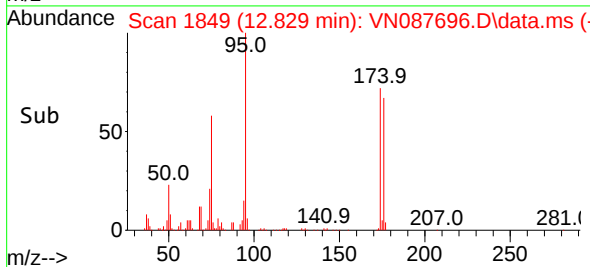
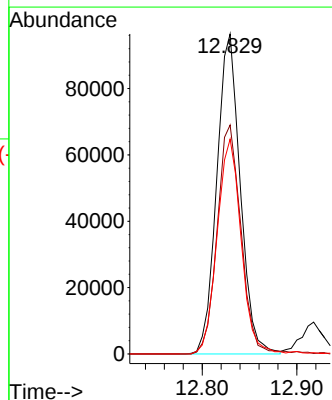
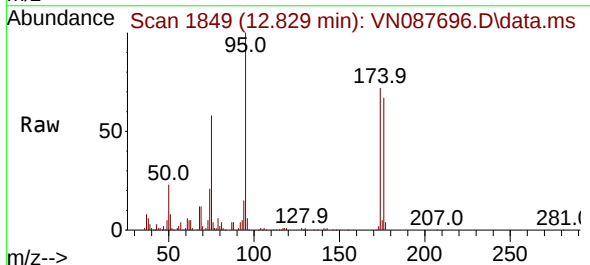
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

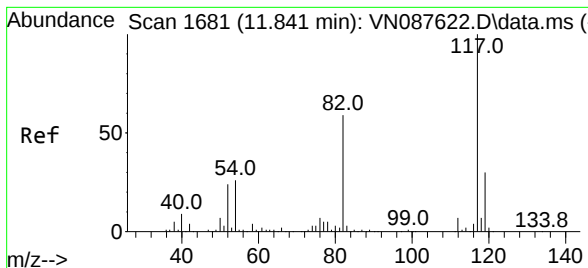
Tgt Ion:107 Resp: 59517
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.247 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 95 Resp: 165941
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 68.5 0.0 132.6

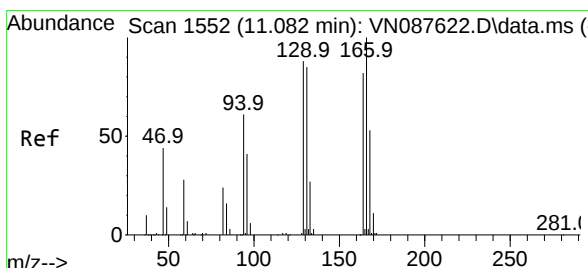
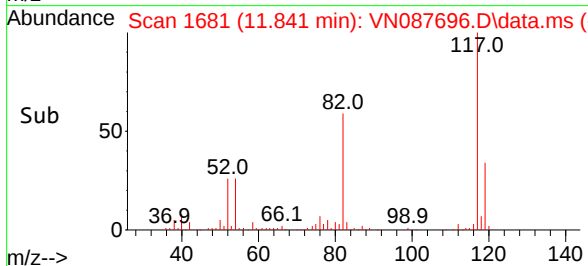
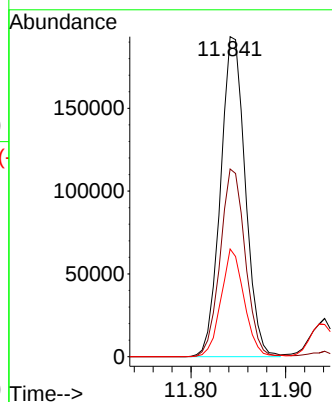
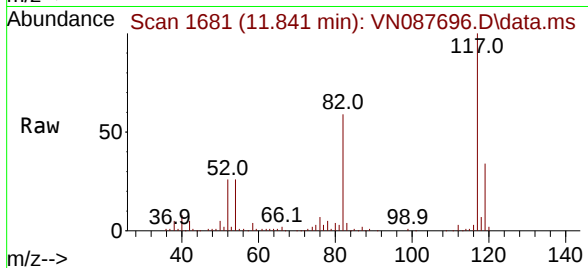




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

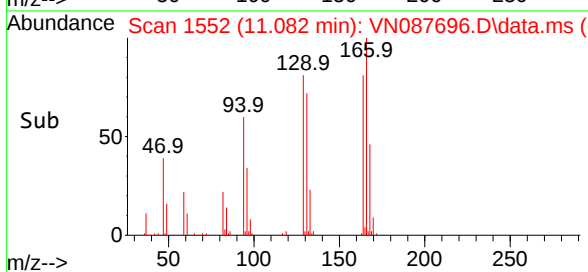
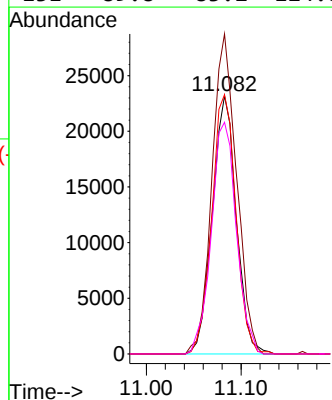
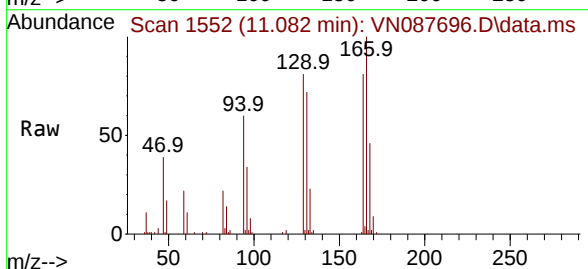
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

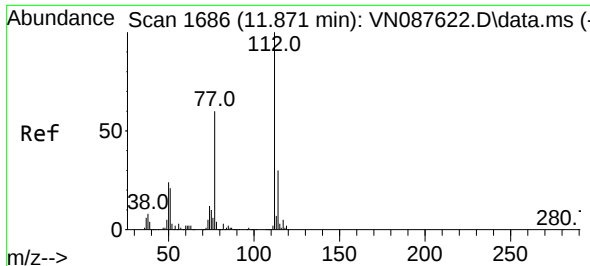
Tgt Ion:117 Resp: 351090
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.6 24.3 36.5



#64
Tetrachloroethene
Concen: 16.727 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:164 Resp: 40745
Ion Ratio Lower Upper
164 100
166 124.0 97.7 146.5
129 100.5 85.9 128.9
131 89.8 83.2 124.8

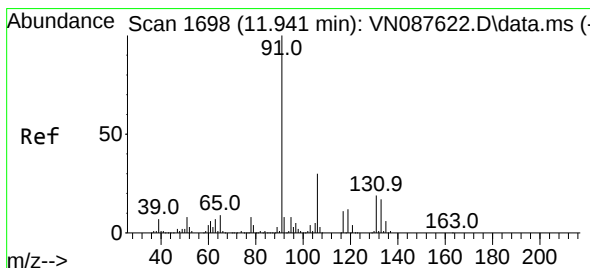
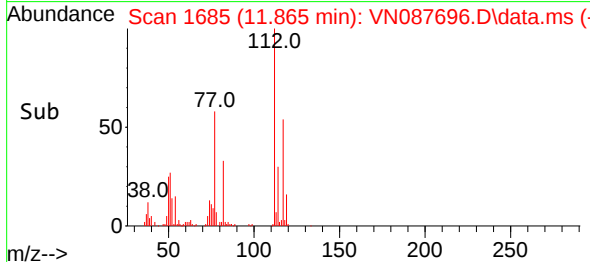
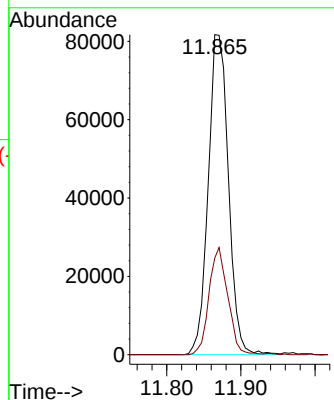
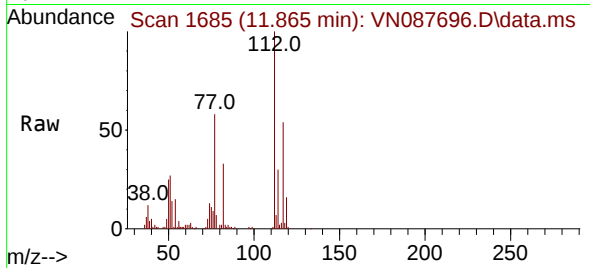




#65
Chlorobenzene
Concen: 17.751 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

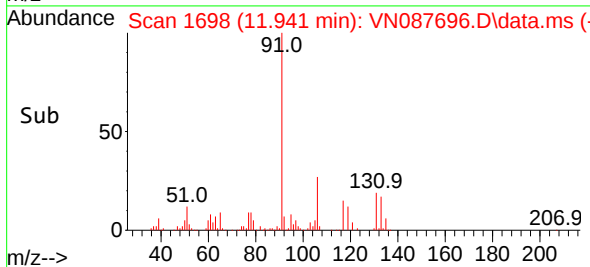
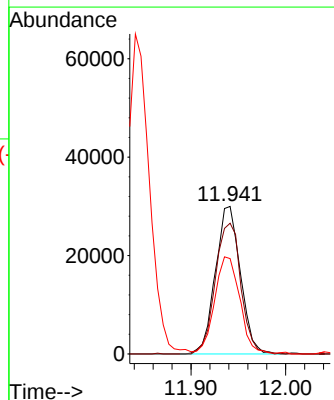
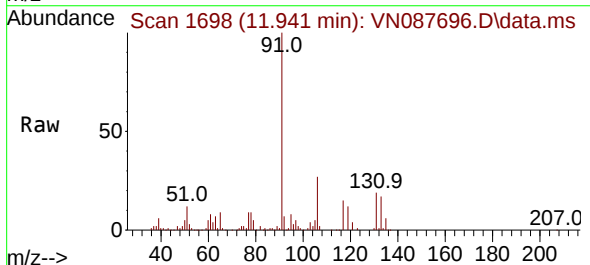
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

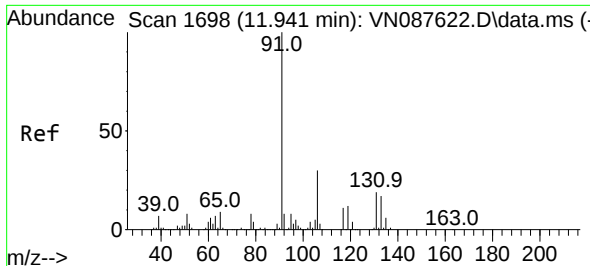
Tgt Ion:112 Resp: 155048
Ion Ratio Lower Upper
112 100
114 30.2 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.965 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:131 Resp: 54995
Ion Ratio Lower Upper
131 100
133 90.8 48.0 144.0
119 65.4 32.6 97.7

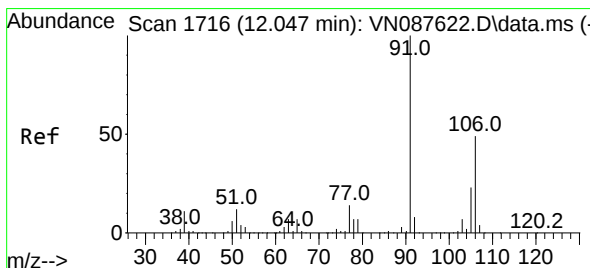
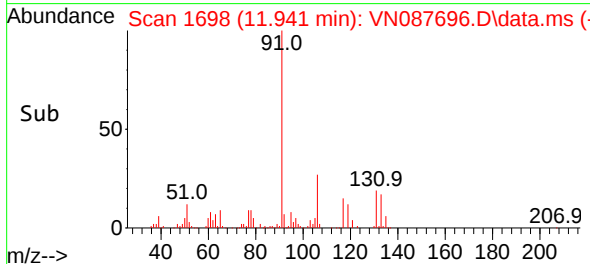
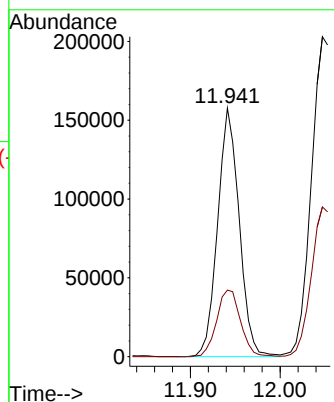
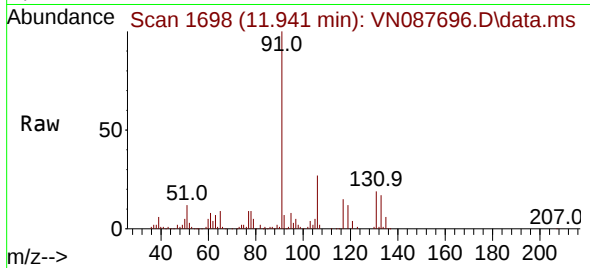




#67
Ethyl Benzene
Concen: 17.389 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

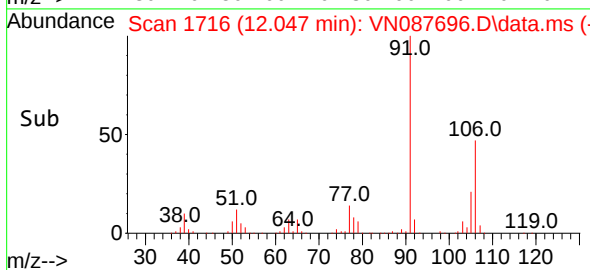
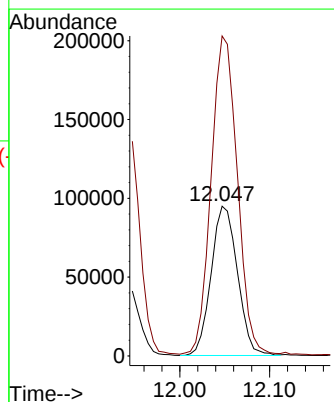
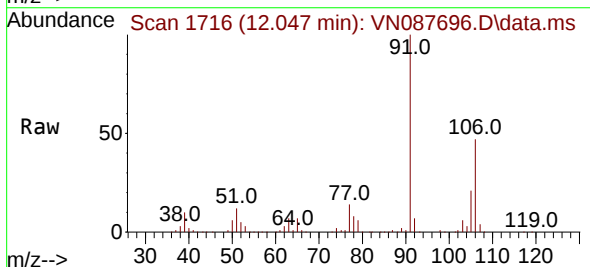
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

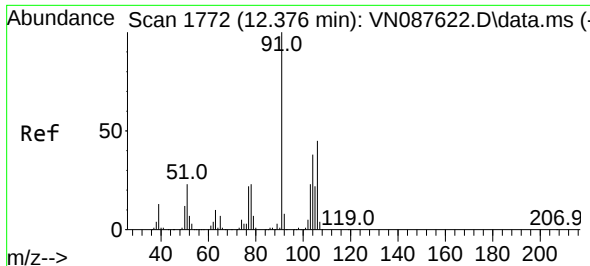
Tgt Ion: 91 Resp: 262980
Ion Ratio Lower Upper
91 100
106 26.8 24.1 36.1



#68
m/p-Xylenes
Concen: 34.804 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 106 Resp: 193034
Ion Ratio Lower Upper
106 100
91 211.9 169.3 253.9

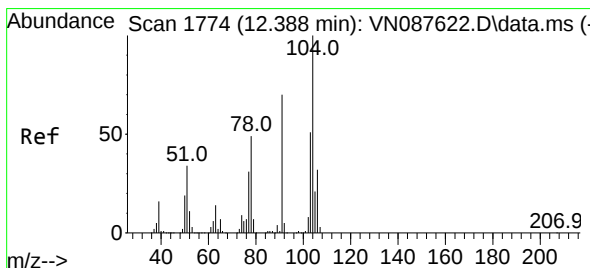
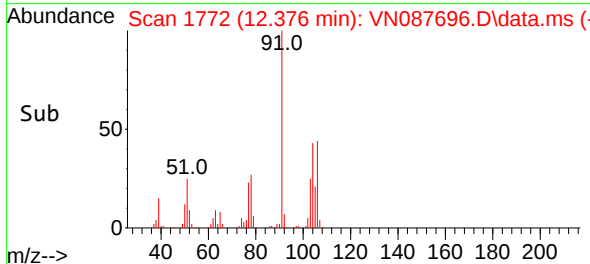
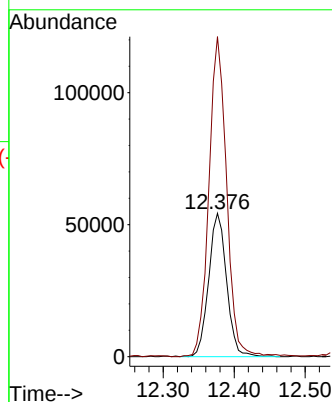
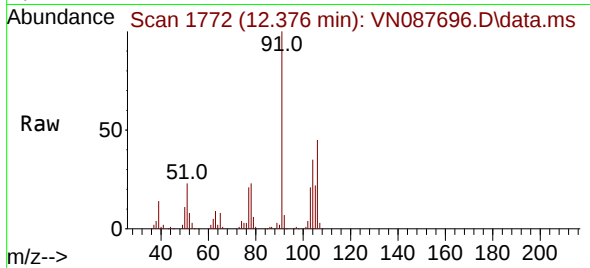




#69
o-Xylene
Concen: 17.534 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

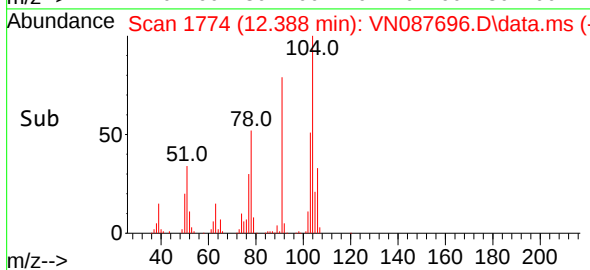
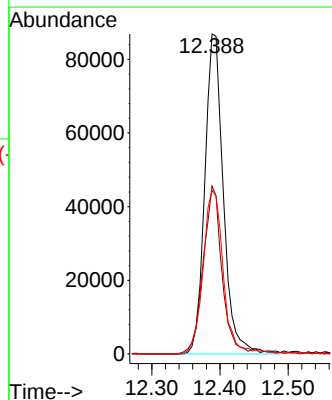
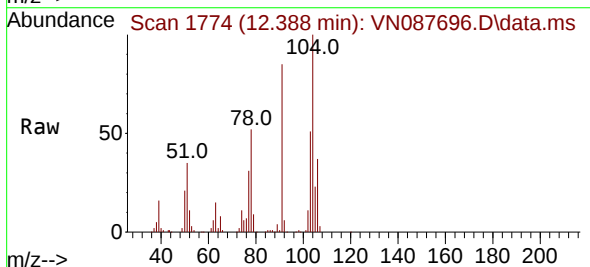
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

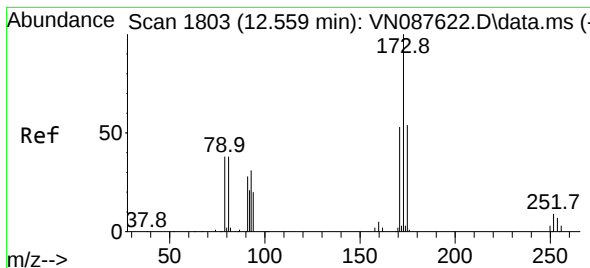
Tgt Ion:106 Resp: 95307
Ion Ratio Lower Upper
106 100
91 221.1 111.4 334.2



#70
Styrene
Concen: 18.128 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:104 Resp: 165073
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.2
103 55.7 43.4 65.2





#71

Bromoform

Concen: 18.053 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

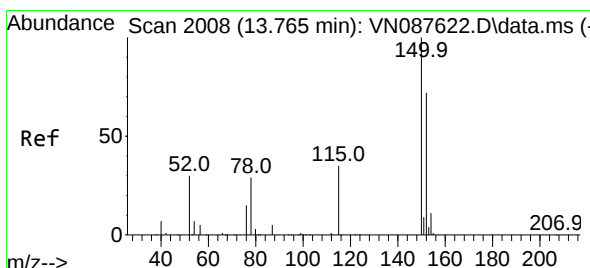
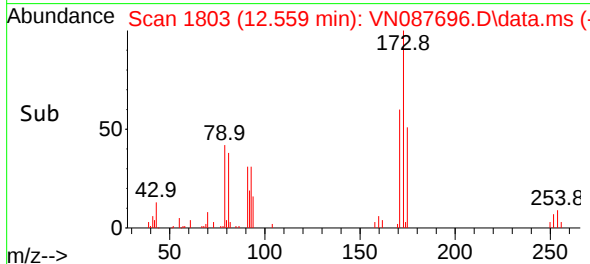
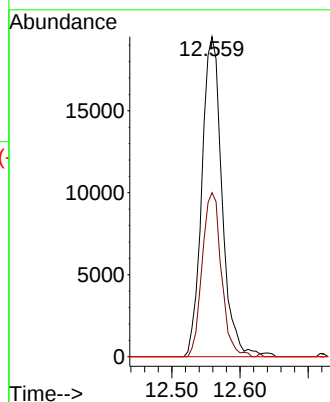
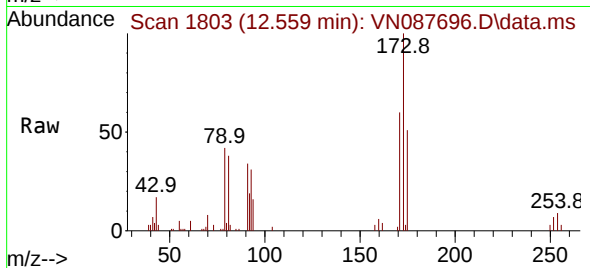
Tgt Ion:173 Resp: 40149

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

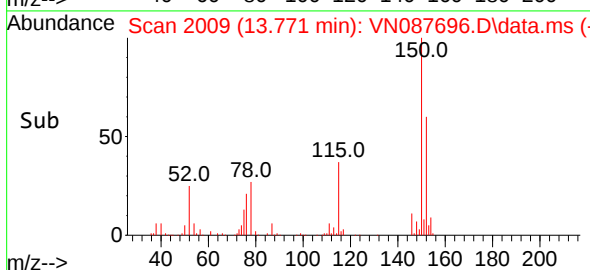
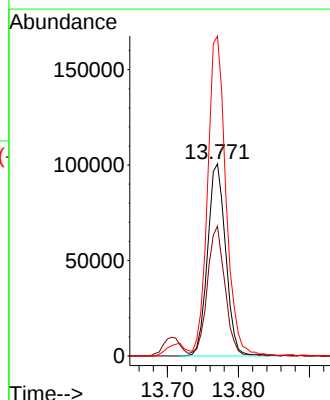
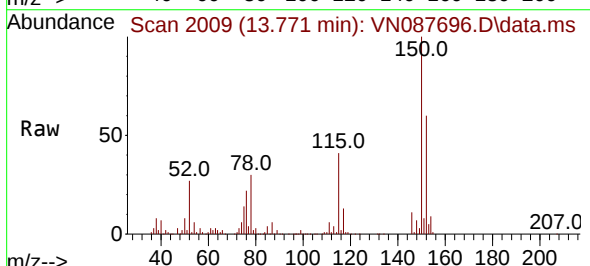
Tgt Ion:152 Resp: 178354

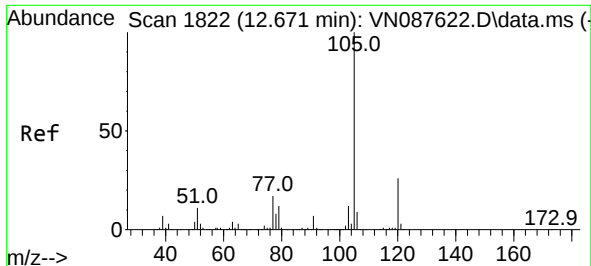
Ion Ratio Lower Upper

152 100

115 66.2 32.3 96.8

150 167.5 0.0 351.0

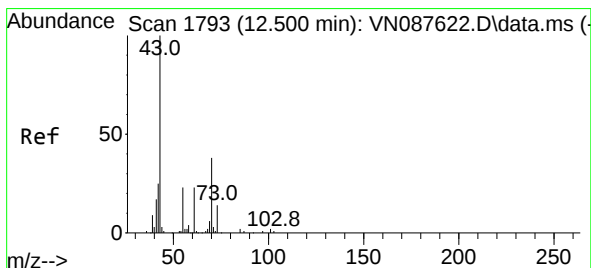
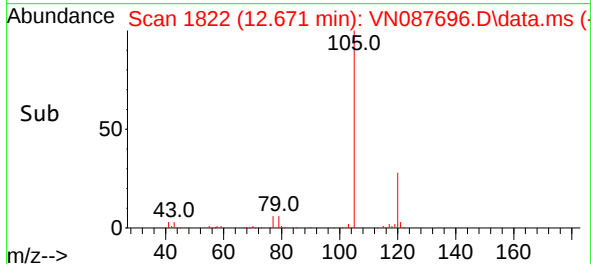
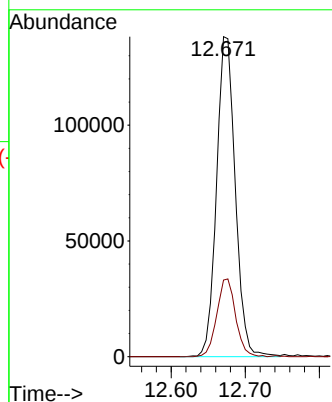
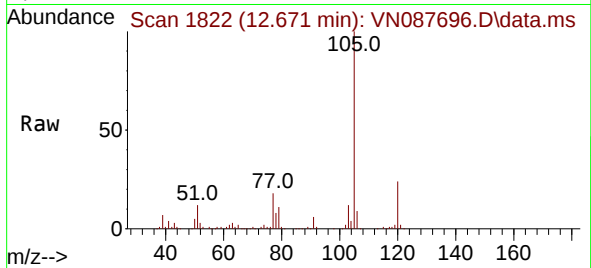




#73
Isopropylbenzene
Concen: 16.816 ug/l
RT: 12.671 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

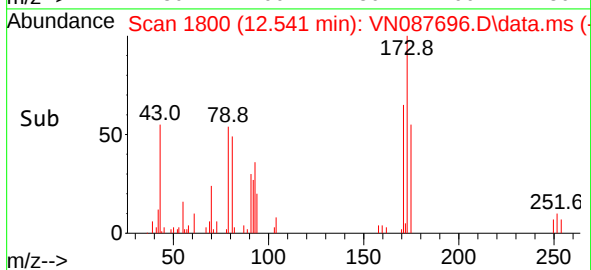
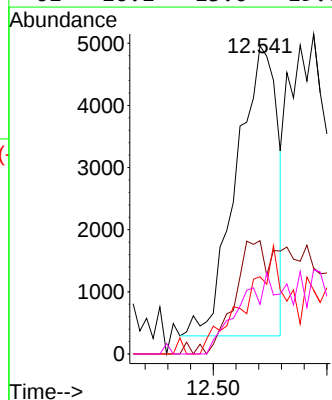
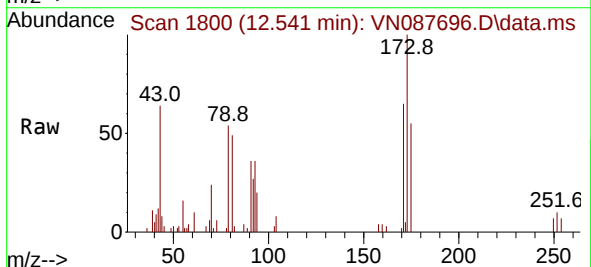
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

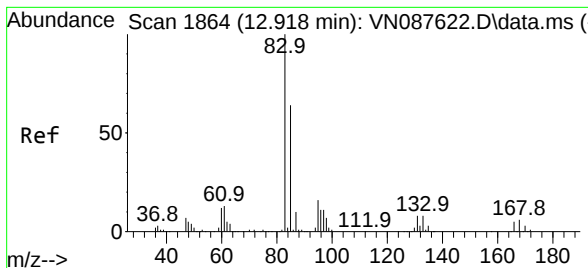
Tgt Ion:105 Resp: 242355
Ion Ratio Lower Upper
105 100
120 24.5 12.8 38.3



#74
N-ethyl acetate
Concen: 2.153 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 43 Resp: 11757
Ion Ratio Lower Upper
43 100
70 29.5 27.6 41.4
55 37.1 13.0 19.6#
61 16.1 13.0 19.6

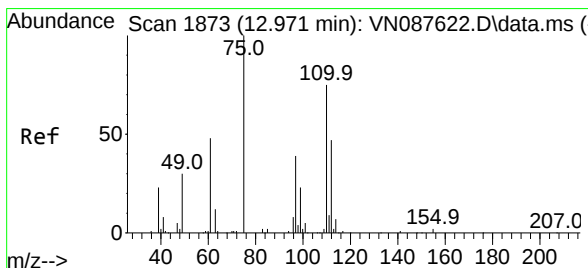
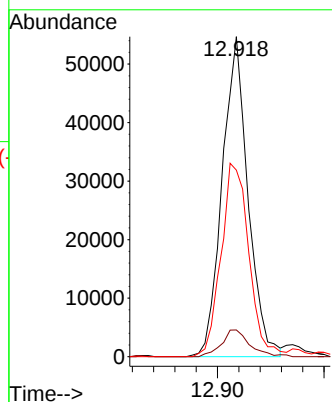
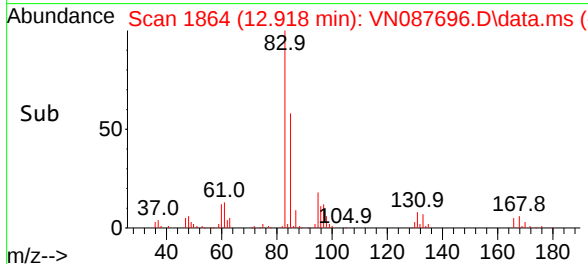
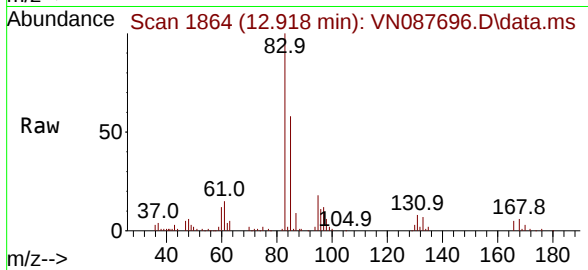




#75
1,1,2,2-Tetrachloroethane
Concen: 18.515 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

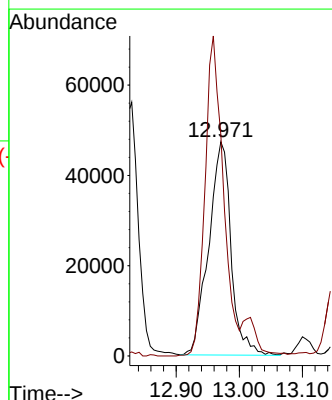
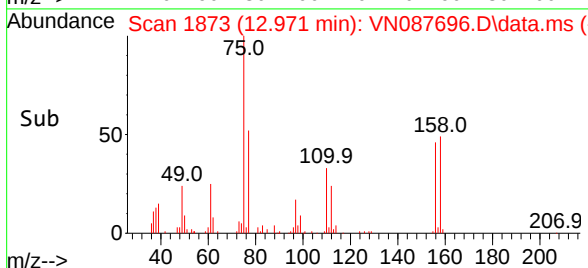
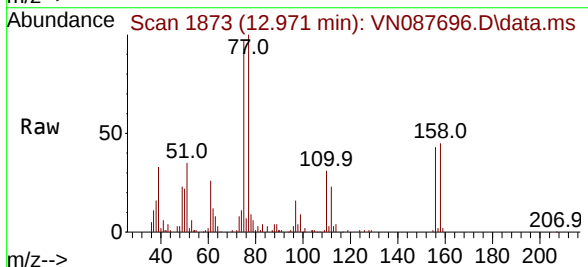
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

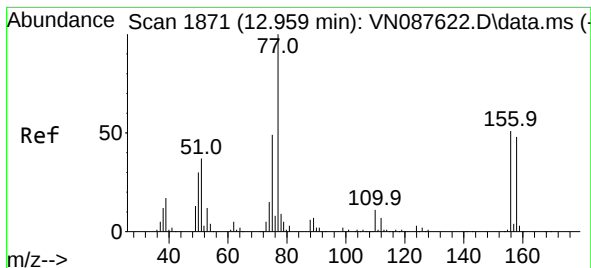
Tgt Ion: 83 Resp: 91872
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 65.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 27.784 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 75 Resp: 116207
Ion Ratio Lower Upper
75 100
77 122.8 89.1 267.4





#77

Bromobenzene

Concen: 18.148 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

VN0829MBS01

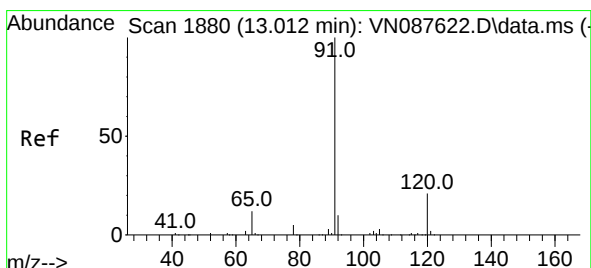
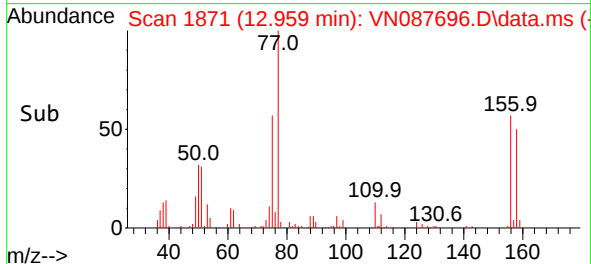
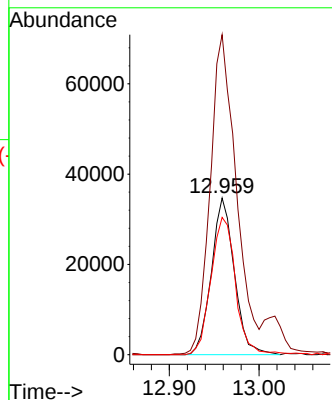
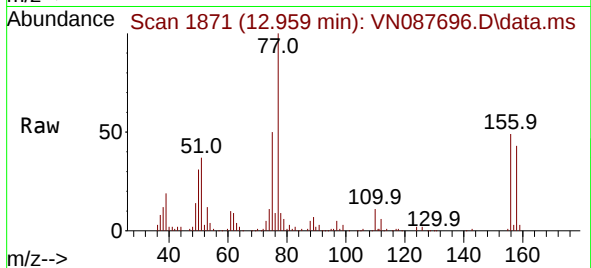
Tgt Ion:156 Resp: 61668

Ion Ratio Lower Upper

156 100

77 231.4 119.3 358.0

158 94.1 48.2 144.6



#78

n-propylbenzene

Concen: 17.246 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN087696.D

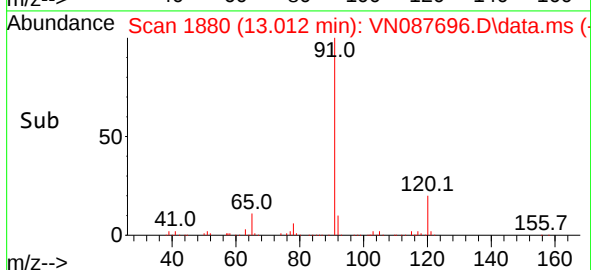
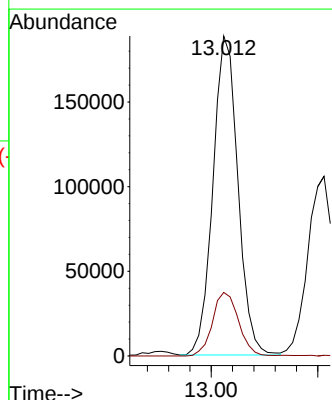
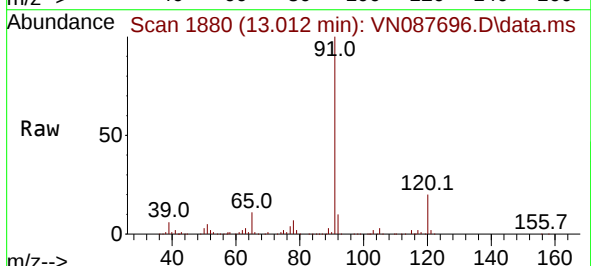
Acq: 29 Aug 2025 13:24

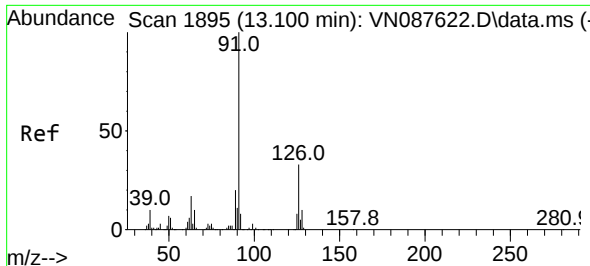
Tgt Ion: 91 Resp: 306151

Ion Ratio Lower Upper

91 100

120 20.7 10.7 32.1

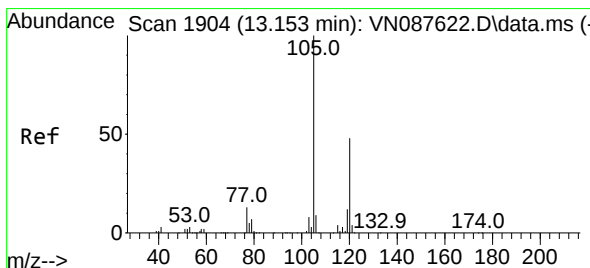
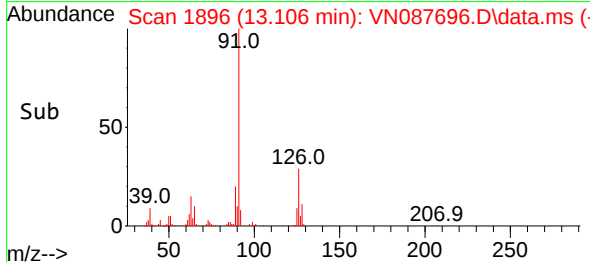
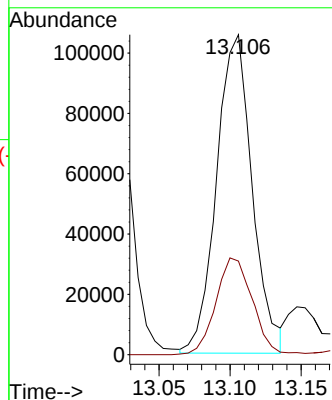
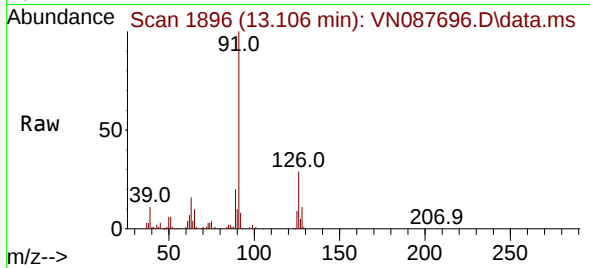




#79
2-Chlorotoluene
Concen: 17.266 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

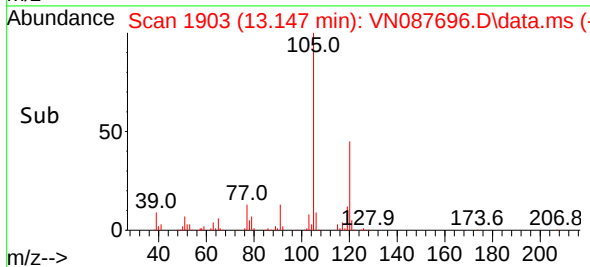
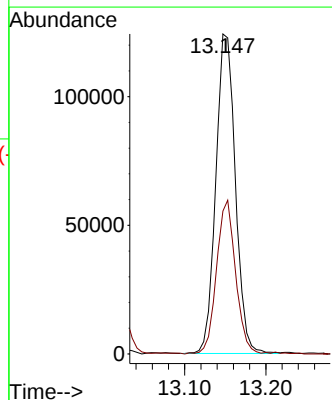
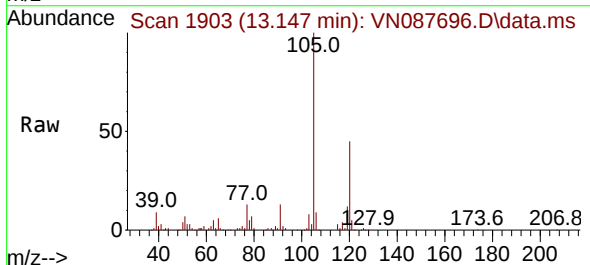
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

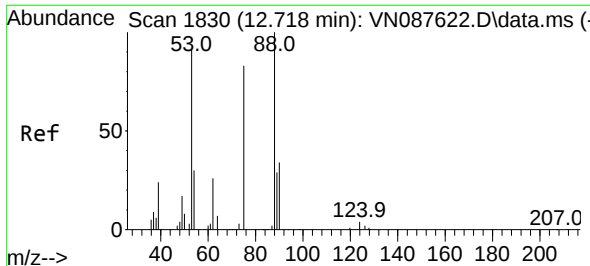
Tgt Ion: 91 Resp: 184458
Ion Ratio Lower Upper
91 100
126 31.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 17.040 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 105 Resp: 208329
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6

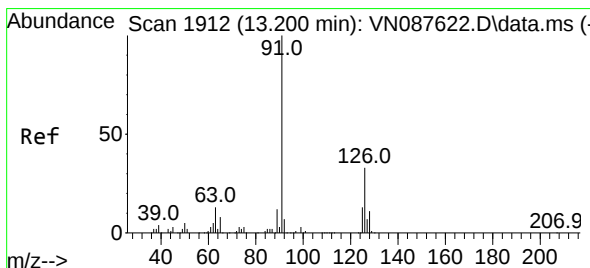
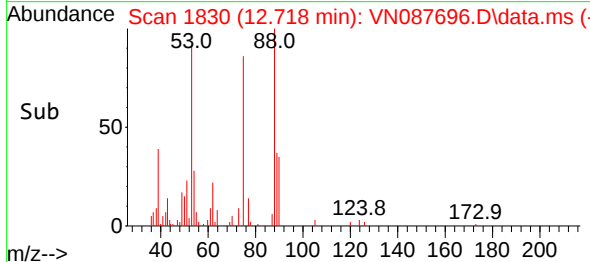
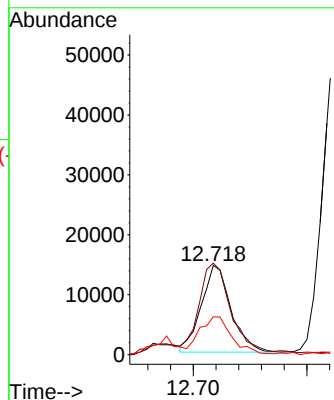
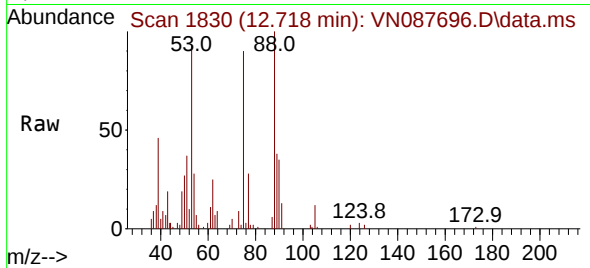




#81
trans-1,4-Dichloro-2-butene
Concen: 16.555 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

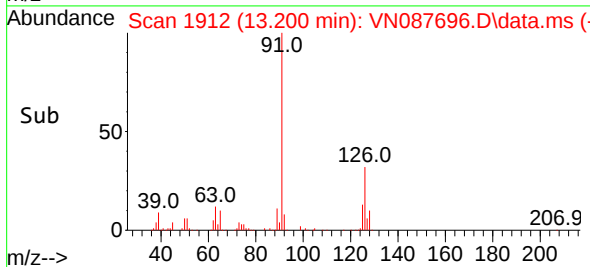
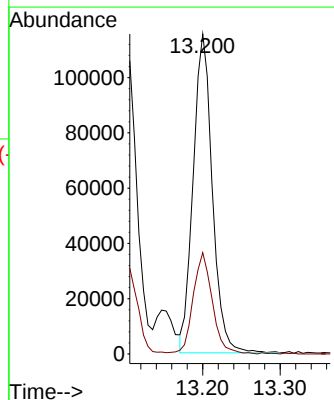
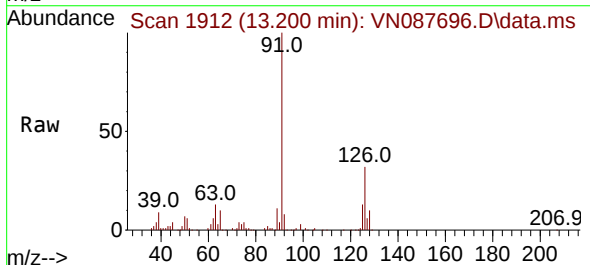
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

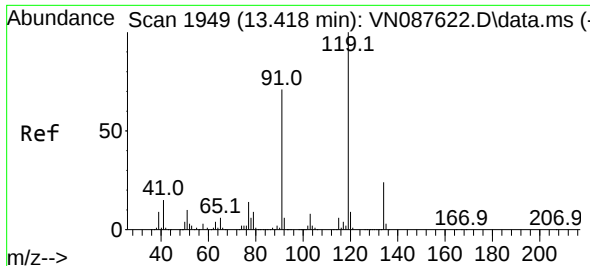
Tgt Ion:	75	Resp:	26155
Ion	Ratio	Lower	Upper
75	100		
53	111.1	101.8	152.6
89	47.7	35.6	53.4



#82
4-Chlorotoluene
Concen: 17.622 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:	91	Resp:	197936
Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.6	46.8

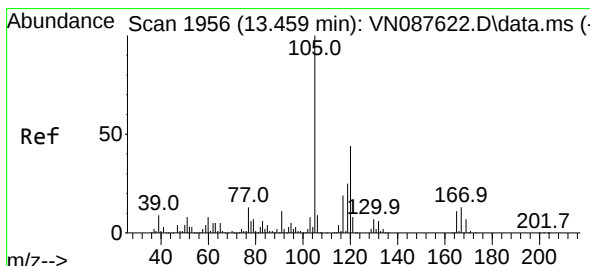
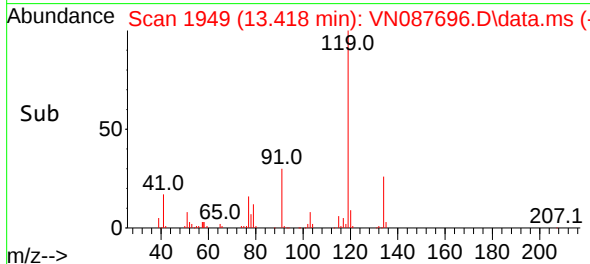
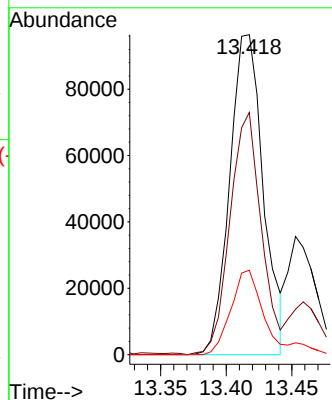
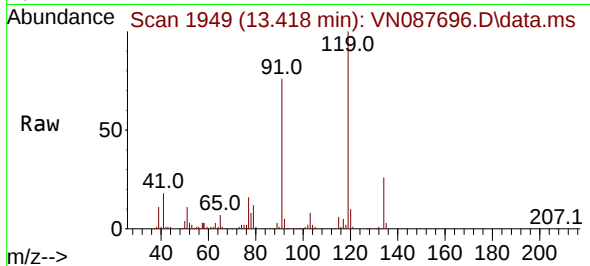




#83
 tert-Butylbenzene
 Concen: 16.926 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

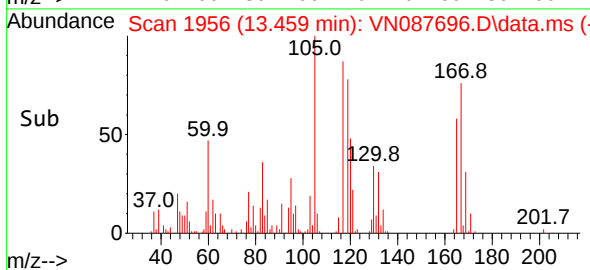
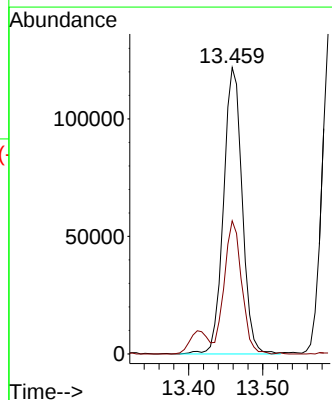
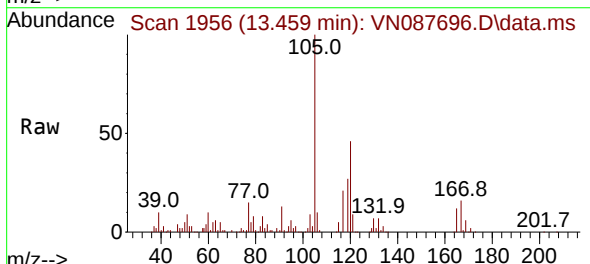
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829MBS01

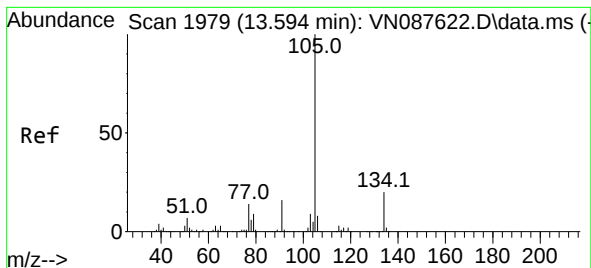
Tgt Ion:119 Resp: 172447
 Ion Ratio Lower Upper
 119 100
 91 70.2 35.0 105.0
 134 24.9 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.380 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Tgt Ion:105 Resp: 212720
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 16.865 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

Instrument :

MSVOA_N

ClientSampleId :

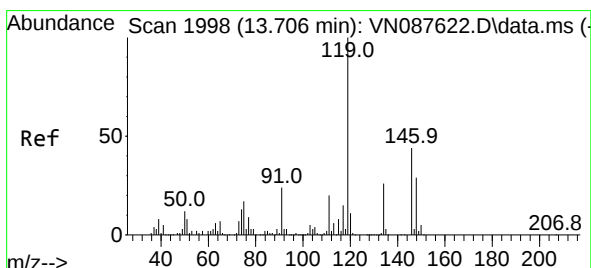
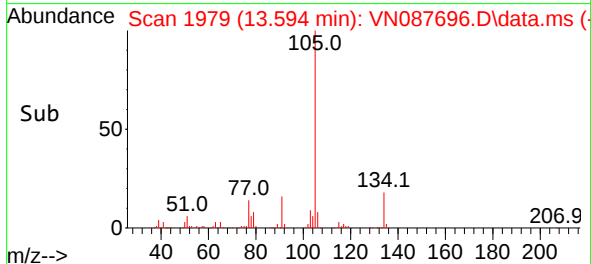
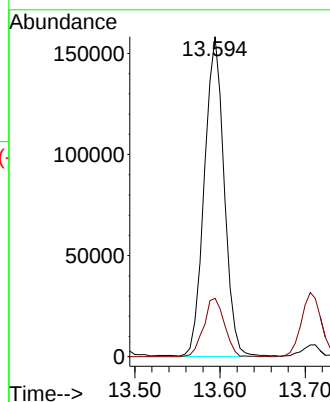
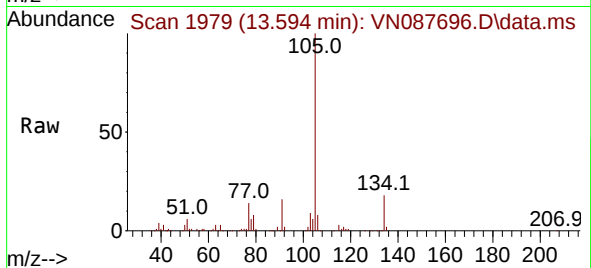
VN0829MBS01

Tgt Ion:105 Resp: 254993

Ion Ratio Lower Upper

105 100

134 19.2 9.6 28.6



#86

p-Isopropyltoluene

Concen: 16.730 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087696.D

Acq: 29 Aug 2025 13:24

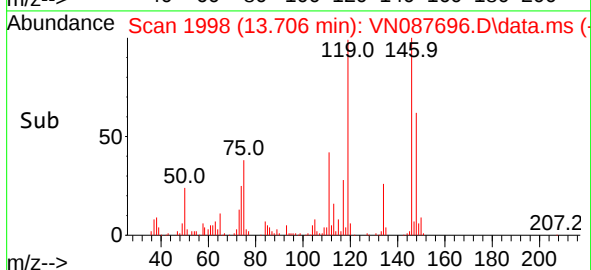
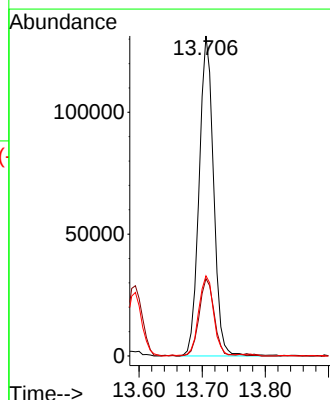
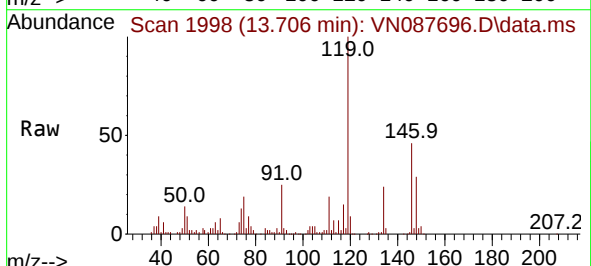
Tgt Ion:119 Resp: 208869

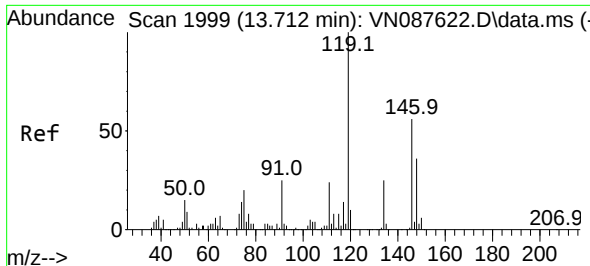
Ion Ratio Lower Upper

119 100

134 25.1 12.7 38.0

91 25.3 12.5 37.5

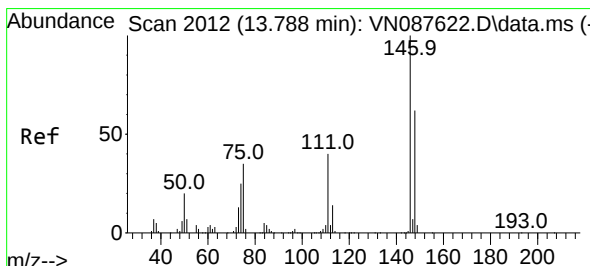
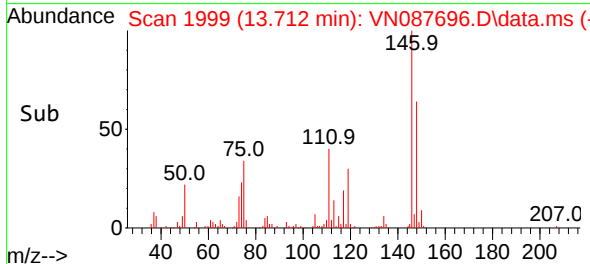
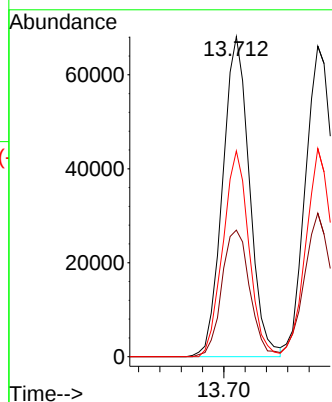
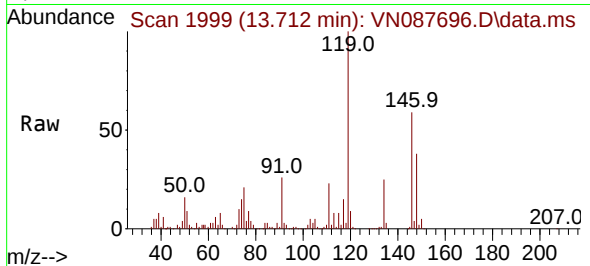




#87
1,3-Dichlorobenzene
Concen: 17.800 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

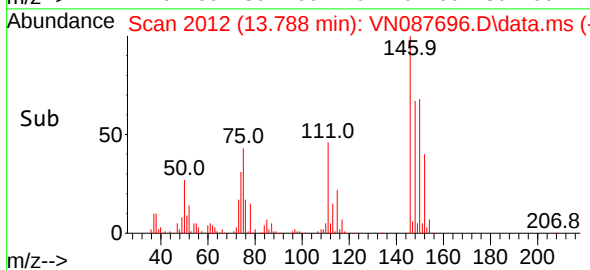
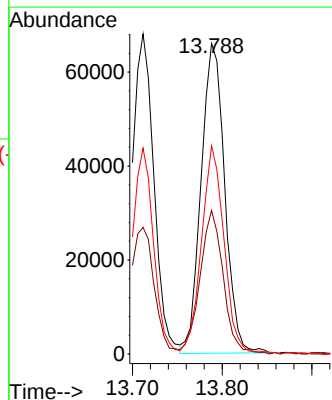
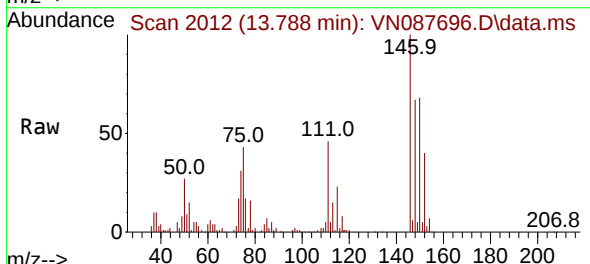
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

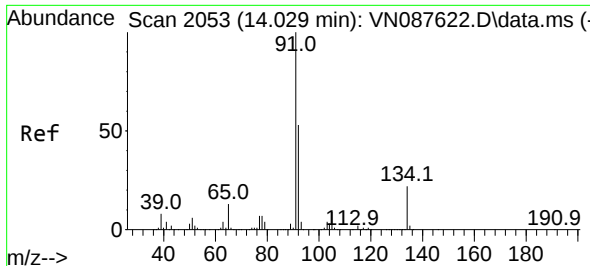
Tgt Ion:146 Resp: 119113
Ion Ratio Lower Upper
146 100
111 41.4 22.1 66.5
148 62.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 17.293 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:146 Resp: 120426
Ion Ratio Lower Upper
146 100
111 45.5 21.0 63.0
148 64.5 32.0 96.0

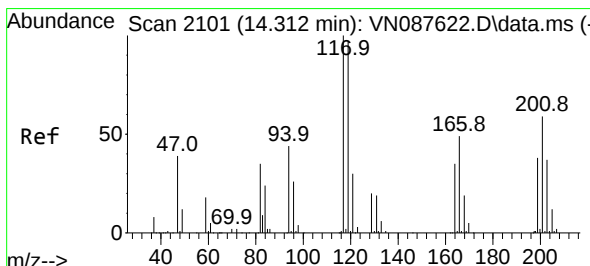
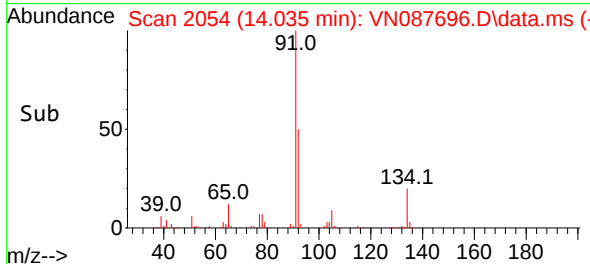
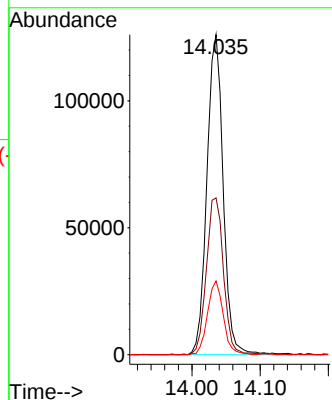
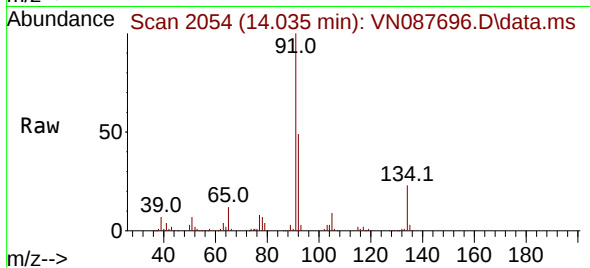




#89
n-Butylbenzene
Concen: 16.909 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

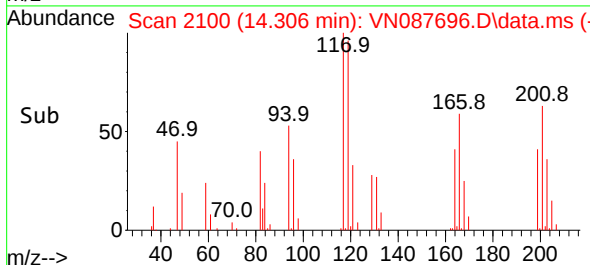
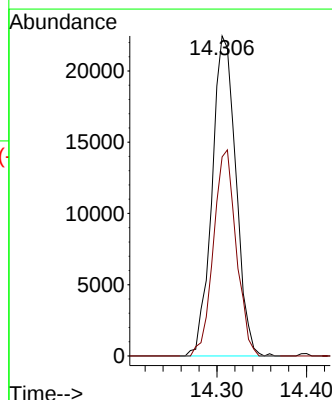
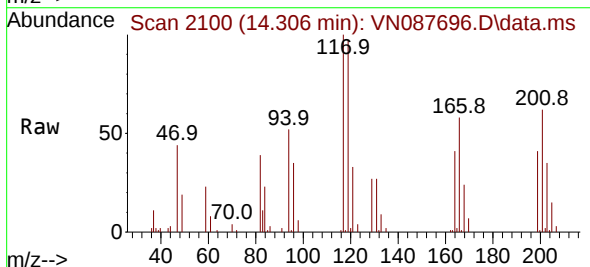
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

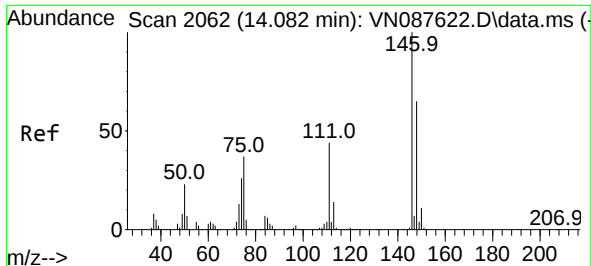
Tgt Ion: 91 Resp: 209655
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.8
134 22.3 11.7 35.0



#90
Hexachloroethane
Concen: 17.464 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion: 117 Resp: 41538
Ion Ratio Lower Upper
117 100
201 61.3 29.1 87.4

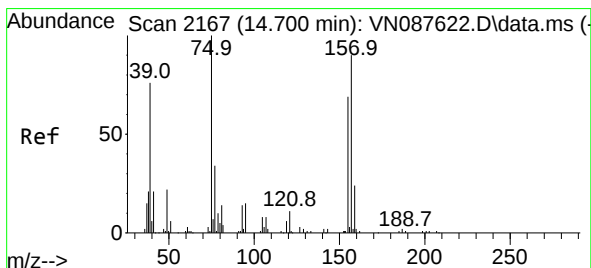
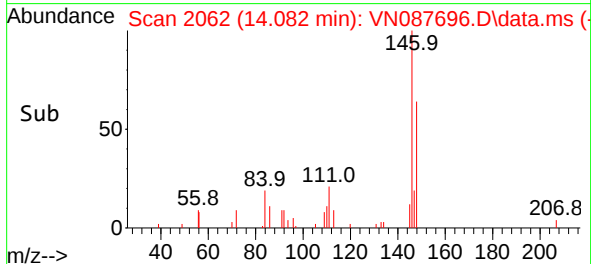
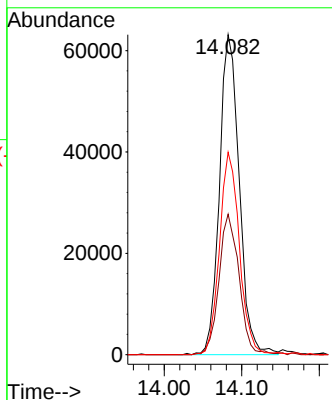
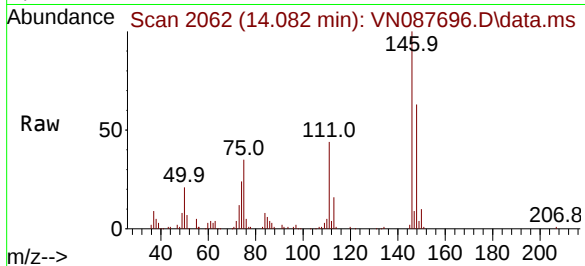




#91
 1,2-Dichlorobenzene
 Concen: 17.685 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

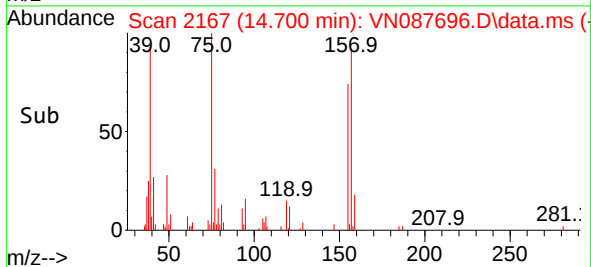
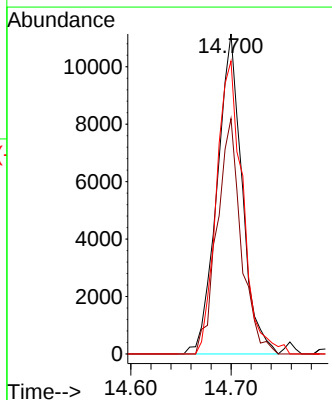
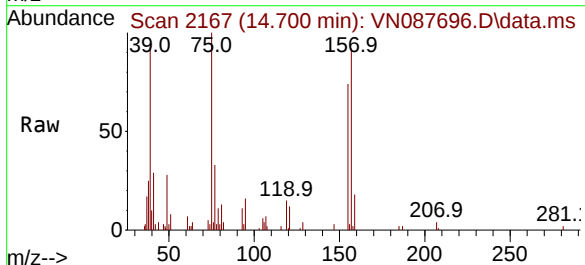
Instrument :
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 ClientSampleId :
 VN0829MBS01

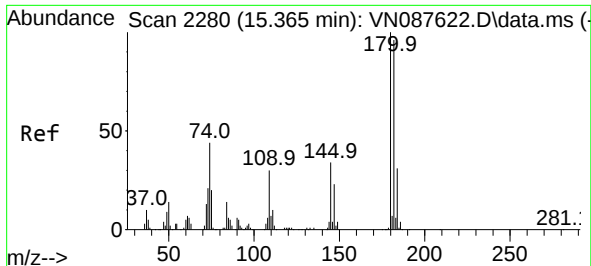
Tgt Ion:146 Resp: 112278
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.6 67.8
 148 63.8 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.422 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087696.D
 Acq: 29 Aug 2025 13:24

Tgt Ion: 75 Resp: 19357
 Ion Ratio Lower Upper
 75 100
 155 70.7 36.6 109.9
 157 95.7 45.6 136.9

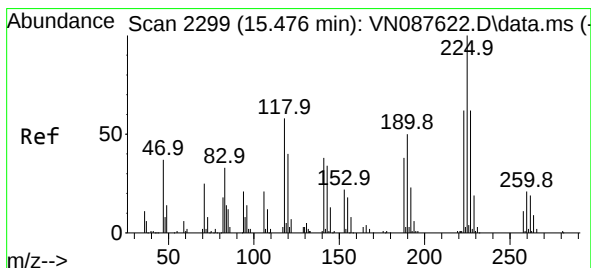
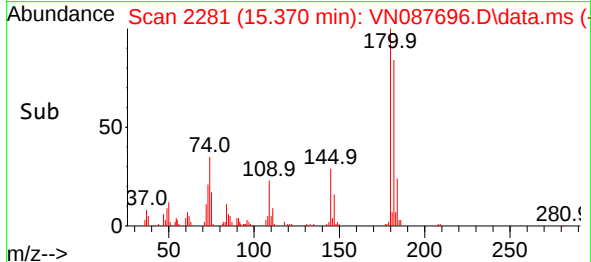
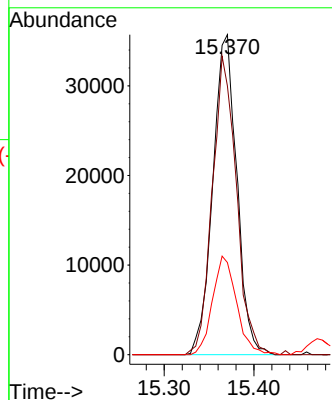
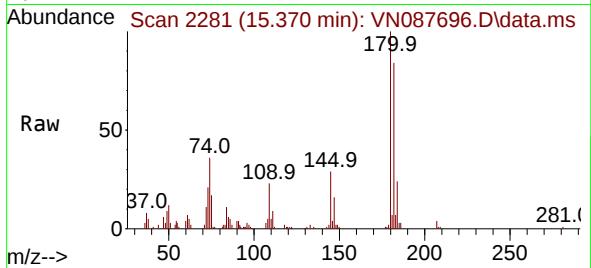




#93
1,2,4-Trichlorobenzene
Concen: 17.386 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

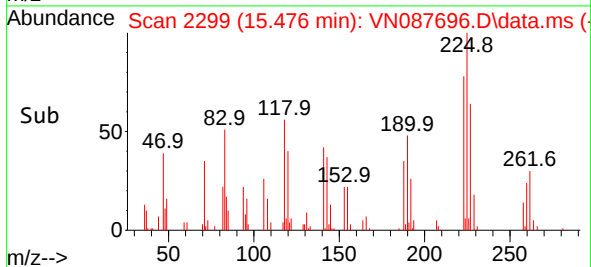
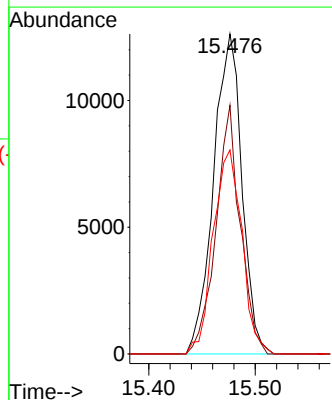
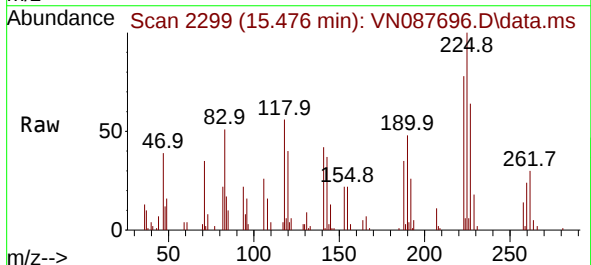
Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

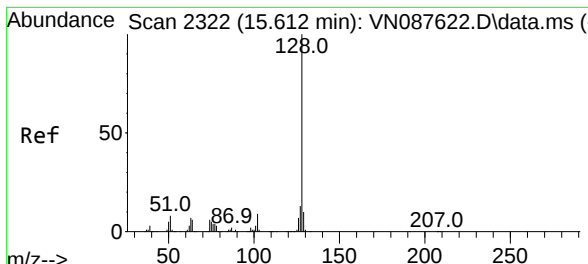
Tgt Ion:180 Resp: 66279
Ion Ratio Lower Upper
180 100
182 93.3 47.6 142.9
145 30.9 16.5 49.5



#94
Hexachlorobutadiene
Concen: 17.183 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:225 Resp: 23354
Ion Ratio Lower Upper
225 100
223 66.4 32.0 96.2
227 64.7 32.1 96.5

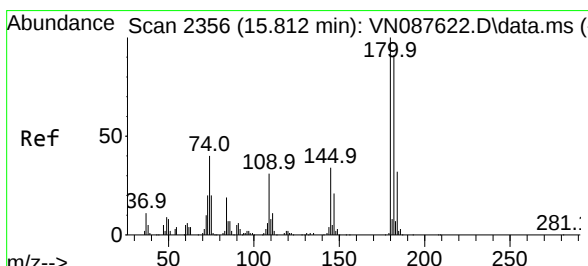
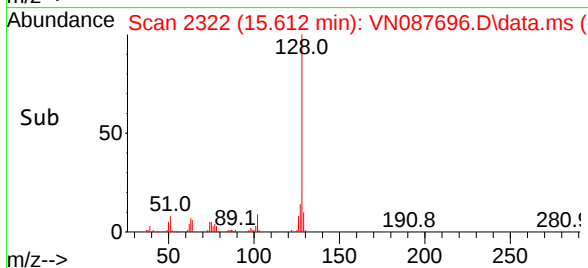
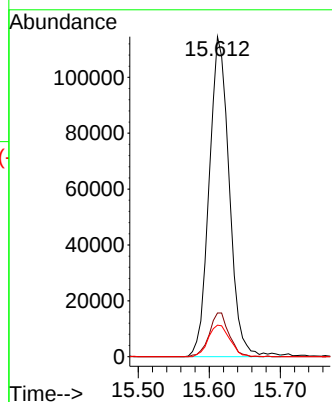
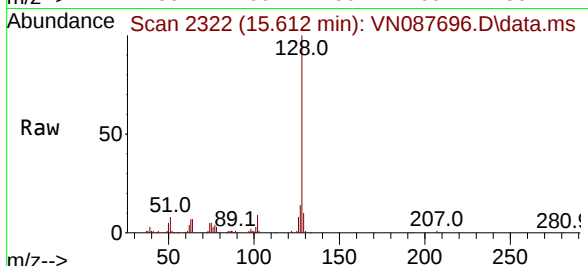




#95
Naphthalene
Concen: 16.685 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Instrument :
MSVOA_N
ClientSampleId :
VN0829MBS01

Tgt Ion:	128	Resp:	225308
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.6	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 16.966 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087696.D
Acq: 29 Aug 2025 13:24

Tgt Ion:	180	Resp:	63231
Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.3
145	34.1	17.3	52.0

