

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088374.D
 Acq On : 01 Dec 2025 12:10
 Operator : JC\MD
 Sample : VN1201WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2025
 Supervised By : Mahesh Dadoda 12/02/2025

Quant Time: Dec 02 00:11:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	257123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	472668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	196888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	252803	52.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.147	113	171251	52.281	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.560%			
50) Toluene-d8	10.541	98	648629	53.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.829	95	213607	51.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	72877	18.870	ug/l	98
3) Chloromethane	2.383	50	80587	19.429	ug/l	94
4) Vinyl Chloride	2.536	62	79060	18.736	ug/l	99
5) Bromomethane	2.989	94	40980	20.178	ug/l	99
6) Chloroethane	3.148	64	50269	19.250	ug/l	90
7) Trichlorofluoromethane	3.512	101	110683	18.663	ug/l	99
8) Diethyl Ether	3.965	74	42809	19.231	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	58334	18.476	ug/l	98
10) Methyl Iodide	4.583	142	60569	19.379	ug/l	96
11) Tert butyl alcohol	5.512	59	68039	87.983	ug/l #	81
12) 1,1-Dichloroethene	4.347	96	58831	18.754	ug/l	84
13) Acrolein	4.177	56	87619	118.346	ug/l	97
14) Allyl chloride	5.012	41	104505	17.974	ug/l	98
15) Acrylonitrile	5.706	53	213646	95.755	ug/l	98
16) Acetone	4.418	43	152332	86.961	ug/l	98
17) Carbon Disulfide	4.706	76	192813	18.810	ug/l	100
18) Methyl Acetate	5.018	43	99171	19.019	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	228498	19.442	ug/l	95
20) Methylene Chloride	5.259	84	75693	20.196	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68139	19.608	ug/l	92
22) Diisopropyl ether	6.653	45	244953	19.733	ug/l	96
23) Vinyl Acetate	6.588	43	972820m	97.271	ug/l	
24) 1,1-Dichloroethane	6.553	63	134006	19.063	ug/l	95
25) 2-Butanone	7.465	43	270811	96.165	ug/l	97
26) 2,2-Dichloropropane	7.477	77	112288	18.506	ug/l	95
27) cis-1,2-Dichloroethene	7.465	96	78314	19.392	ug/l	96
28) Bromochloromethane	7.794	49	64631	18.456	ug/l	99
29) Tetrahydrofuran	7.824	42	193749	95.919	ug/l	99
30) Chloroform	7.947	83	135282	19.585	ug/l	96
31) Cyclohexane	8.235	56	117687	18.475	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	115347	18.992	ug/l	95
36) 1,1-Dichloropropene	8.353	75	89956	17.794	ug/l	98
37) Ethyl Acetate	7.547	43	123427	18.569	ug/l	98
38) Carbon Tetrachloride	8.347	117	94617	18.801	ug/l	96
39) Methylcyclohexane	9.576	83	99985	18.491	ug/l	93
40) Benzene	8.588	78	284116	19.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63105	19.168	ug/l	98
42) 1,2-Dichloroethane	8.647	62	109703	19.380	ug/l	98
43) Isopropyl Acetate	8.671	43	192472	18.952	ug/l	99
44) Trichloroethene	9.329	130	66801	19.054	ug/l	90
45) 1,2-Dichloropropane	9.600	63	72843	19.162	ug/l	100
46) Dibromomethane	9.688	93	54401	20.053	ug/l	98
47) Bromodichloromethane	9.865	83	106876	19.308	ug/l #	93
48) Methyl methacrylate	9.659	41	84615	18.260	ug/l	99
49) 1,4-Dioxane	9.676	88	22017	373.614	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	589357	98.453	ug/l	99
52) Toluene	10.606	92	170024	19.846	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	108520	19.099	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	116758	19.541	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	66233	19.982	ug/l	95
56) Ethyl methacrylate	10.853	69	104863	20.028	ug/l	97
57) 1,3-Dichloropropane	11.141	76	120668	20.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	276569	91.622	ug/l	99
59) 2-Hexanone	11.176	43	355826	94.358	ug/l	98
60) Dibromochloromethane	11.335	129	76699	20.298	ug/l	98
61) 1,2-Dibromoethane	11.447	107	66826	19.909	ug/l	97
64) Tetrachloroethene	11.076	164	62208	18.980	ug/l	95
65) Chlorobenzene	11.870	112	183680	19.779	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	61851	19.747	ug/l	99
67) Ethyl Benzene	11.941	91	306102	18.859	ug/l	97
68) m/p-Xylenes	12.053	106	227659	37.830	ug/l	99
69) o-Xylene	12.376	106	109896	19.155	ug/l	95
70) Styrene	12.388	104	181083	19.438	ug/l	99
71) Bromoform	12.559	173	46125	20.106	ug/l #	99
73) Isopropylbenzene	12.670	105	280946	19.299	ug/l	100
74) N-amyl acetate	12.682	43	97186m	19.603	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	91931	19.534	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	93113m	20.192	ug/l	
77) Bromobenzene	12.959	156	65049	19.529	ug/l	96
78) n-propylbenzene	13.012	91	348515	19.569	ug/l	100
79) 2-Chlorotoluene	13.100	91	204279	18.783	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	234071	19.404	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	28199	17.348	ug/l #	96
82) 4-Chlorotoluene	13.200	91	211139	19.546	ug/l	97
83) tert-Butylbenzene	13.412	119	192736	18.795	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	235984	19.682	ug/l	100
85) sec-Butylbenzene	13.594	105	283289	19.230	ug/l	100
86) p-Isopropyltoluene	13.706	119	228290	18.898	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	126657	19.534	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	129333	19.042	ug/l	98
89) n-Butylbenzene	14.029	91	219415	18.707	ug/l	99
90) Hexachloroethane	14.306	117	41810	18.946	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	115702	18.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	21103	18.481	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	65316	18.016	ug/l	95
94) Hexachlorobutadiene	15.470	225	24556	18.849	ug/l	94
95) Naphthalene	15.611	128	231154	18.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	67438	19.114	ug/l	98

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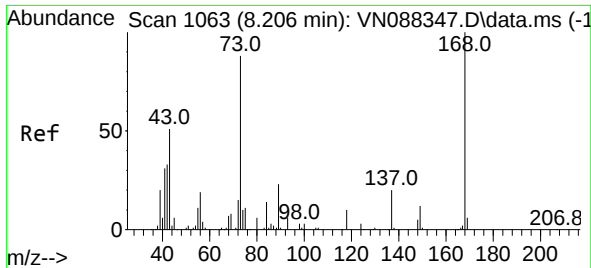
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

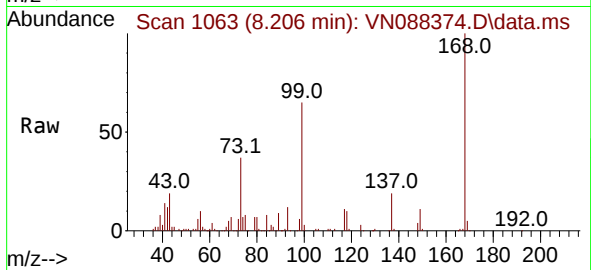
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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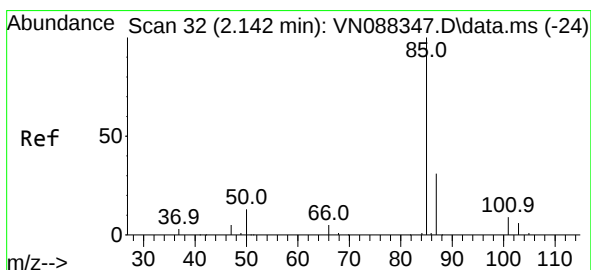
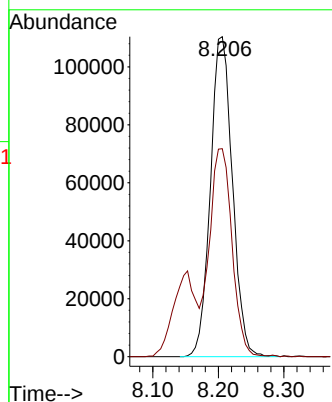
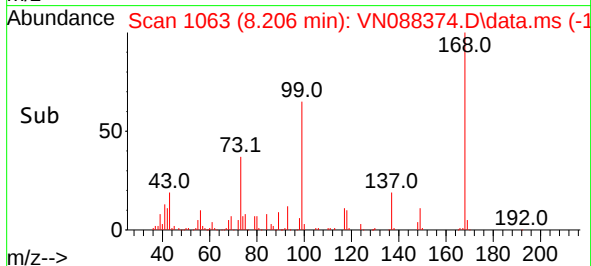
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion:168 Resp: 25712
Ion Ratio Lower Upper
168 100
99 65.0 57.1 85.7

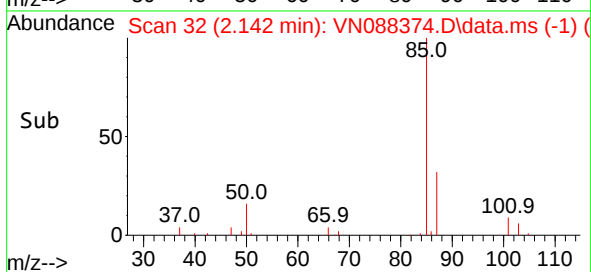
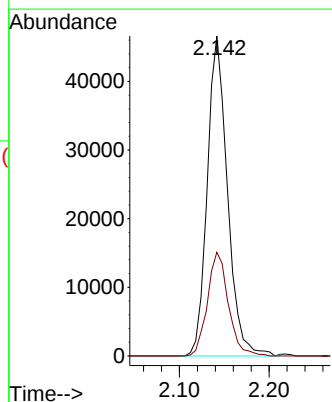
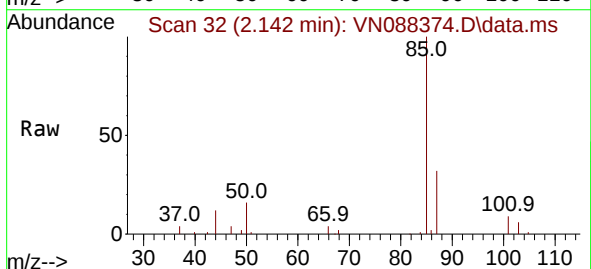
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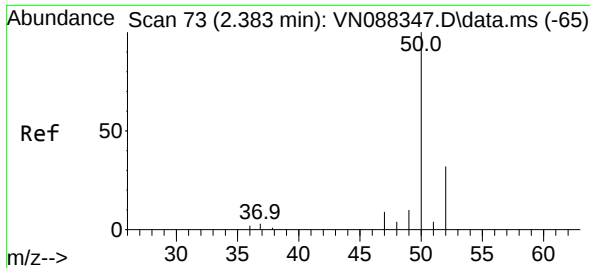
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#2
Dichlorodifluoromethane
Concen: 18.870 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion: 85 Resp: 72877
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.7





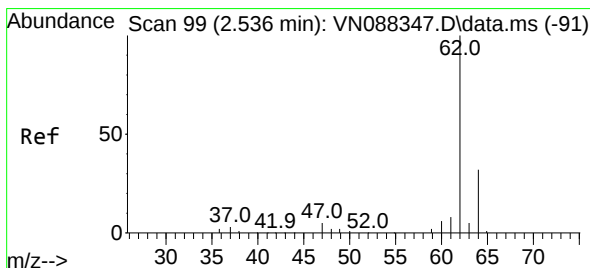
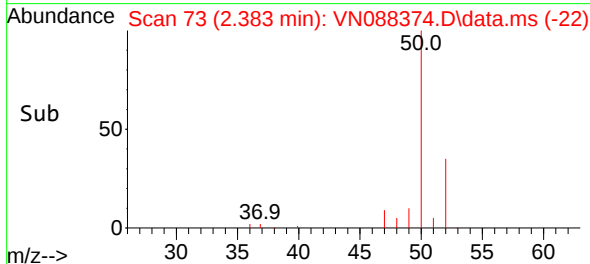
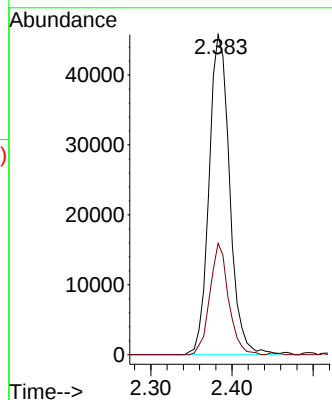
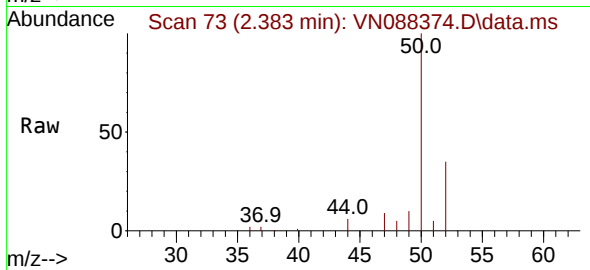
#3
Chloromethane
Concen: 19.429 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088374.D
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Tgt Ion: 50 Resp: 8058
Ion Ratio Lower Upper
50 100
52 34.8 25.2 37.8

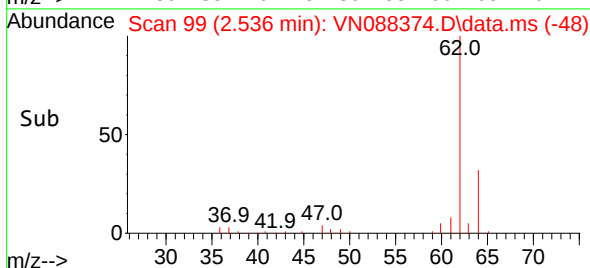
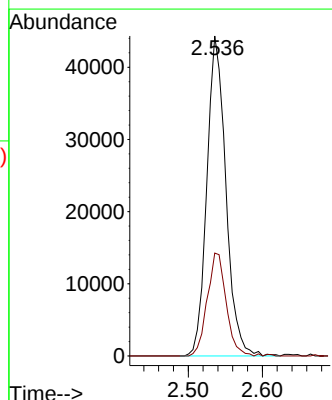
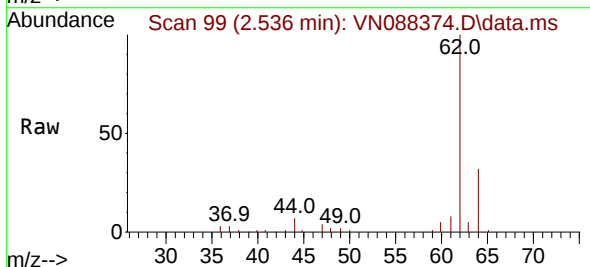
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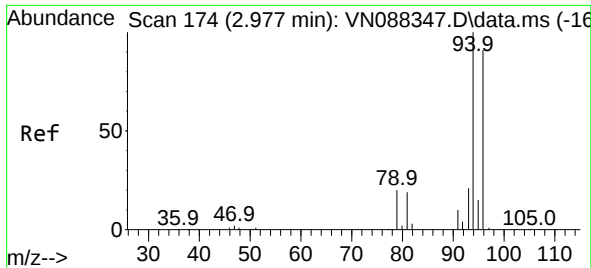
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#4
Vinyl Chloride
Concen: 18.736 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

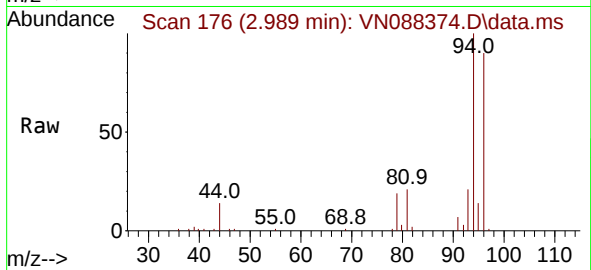
Tgt Ion: 62 Resp: 79060
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5
Bromomethane
Concen: 20.178 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

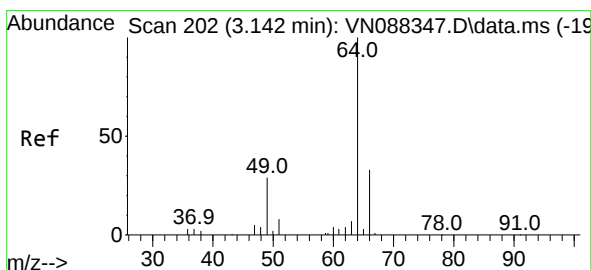
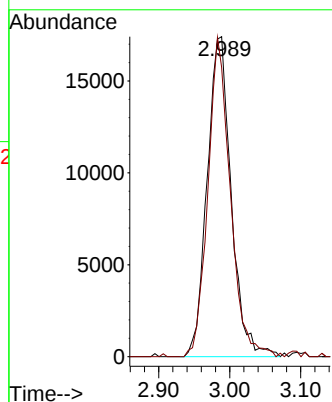
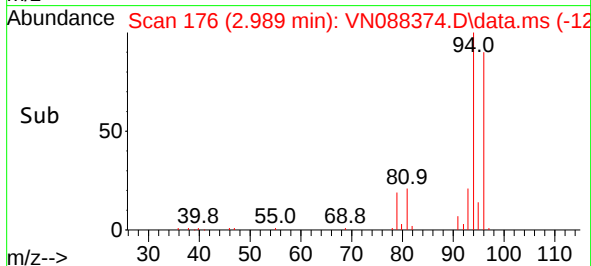
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Tgt Ion: 94 Resp: 40980
Ion Ratio Lower Upper
94 100
96 90.4 73.2 109.8

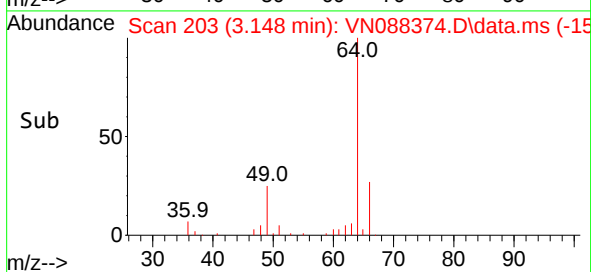
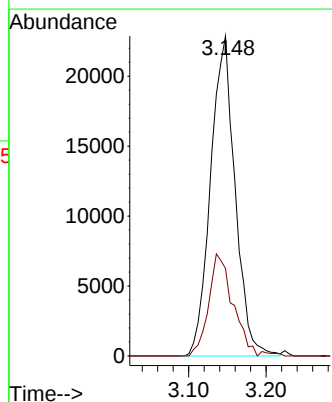
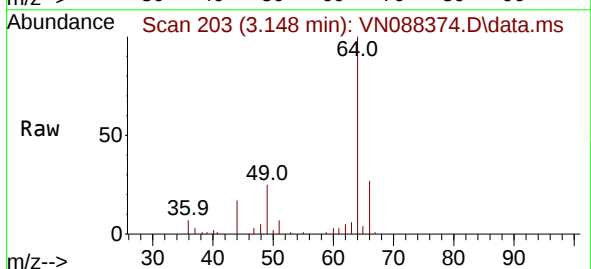
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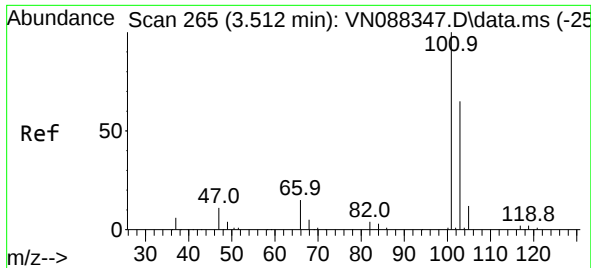
Reviewed By :John Carlone 12/02/2025
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#6
Chloroethane
Concen: 19.250 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088374.D
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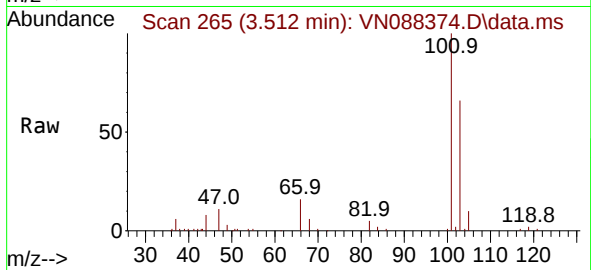
Tgt Ion: 64 Resp: 50269
Ion Ratio Lower Upper
64 100
66 27.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 18.663 ug/l
RT: 3.512 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088374.D
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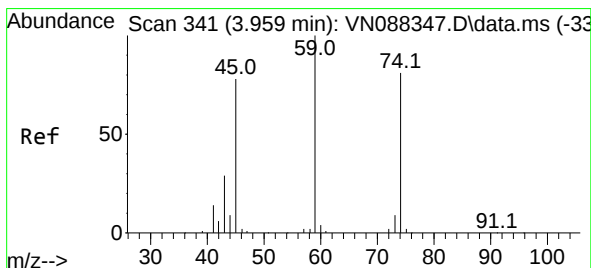
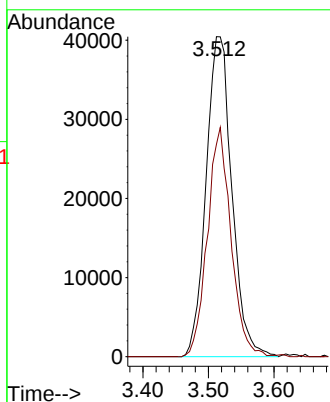
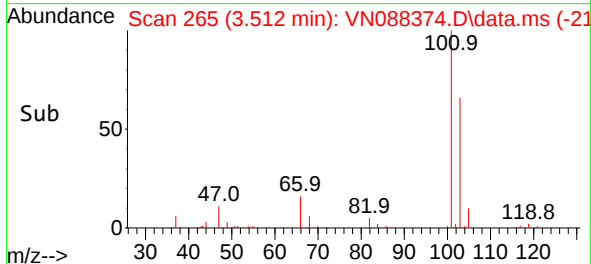
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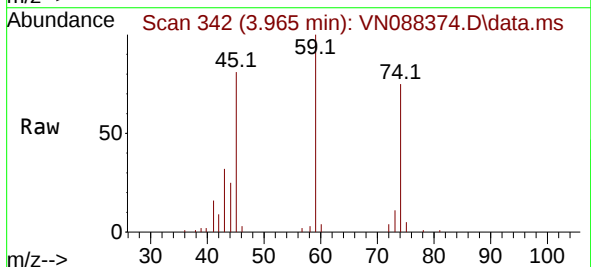
Tgt Ion:101 Resp: 11068
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5

Manual Integrations
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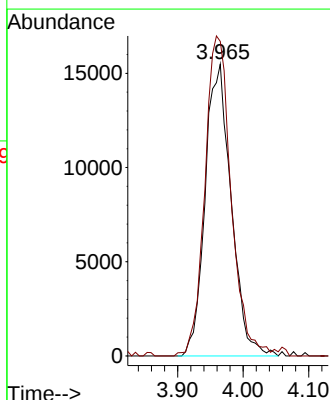
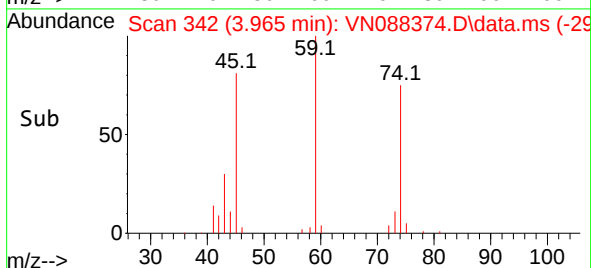
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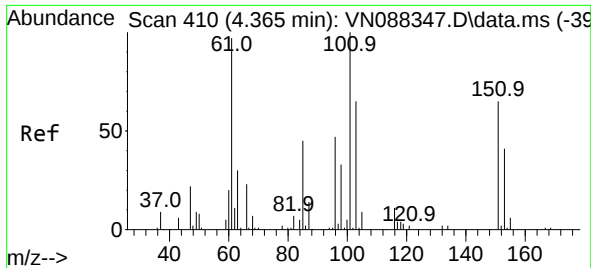


#8
Diethyl Ether
Concen: 19.231 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



Tgt Ion: 74 Resp: 42809
Ion Ratio Lower Upper
74 100
45 110.4 54.2 162.6





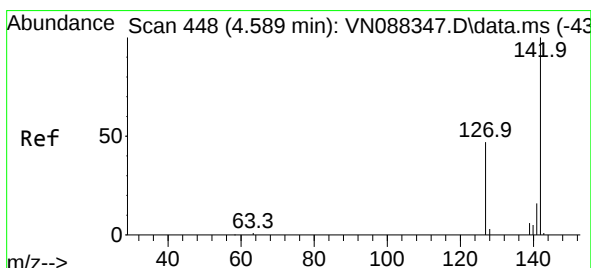
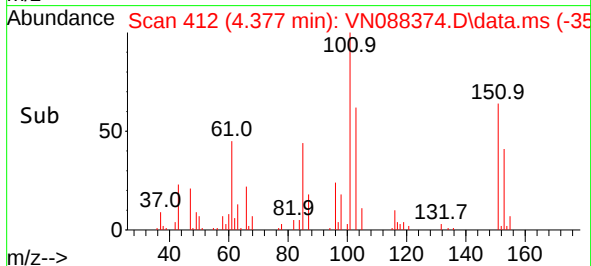
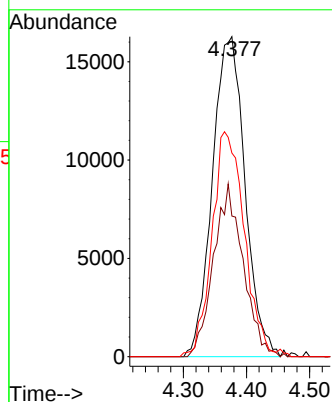
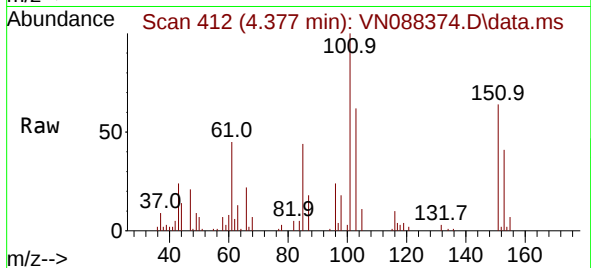
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.476 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:101 Resp: 58334
Ion Ratio Lower Upper
101 100
85 49.1 39.2 58.8
151 69.4 53.6 80.4

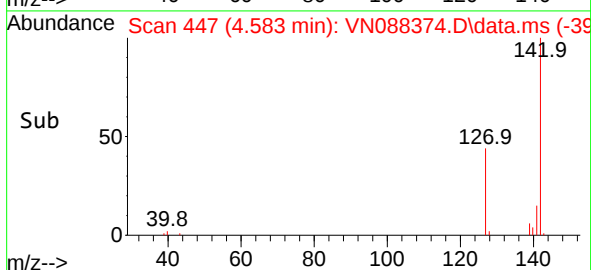
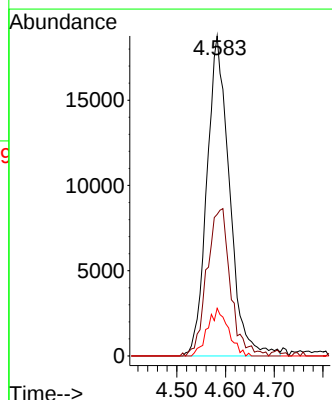
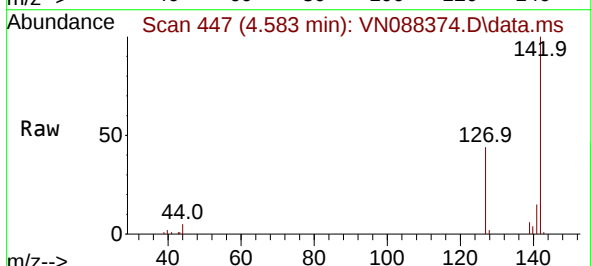
Manual Integrations
APPROVED

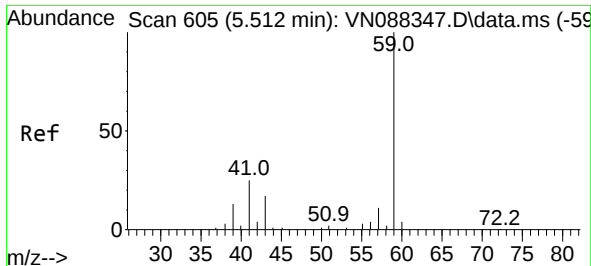
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#10
Methyl Iodide
Concen: 19.379 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

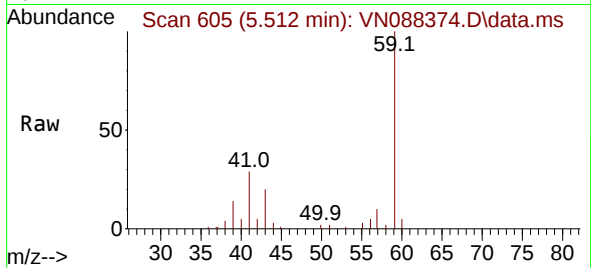
Tgt Ion:142 Resp: 60569
Ion Ratio Lower Upper
142 100
127 44.3 37.9 56.9
141 14.9 12.4 18.6





#11
Tert butyl alcohol
Concen: 87.983 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

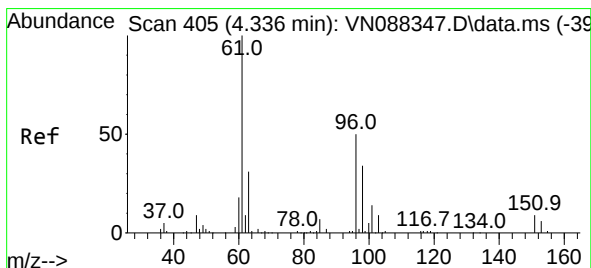
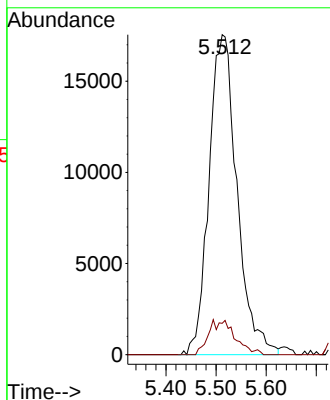
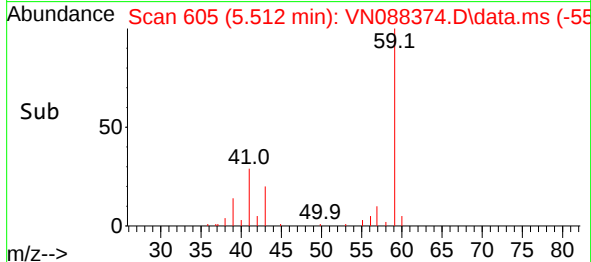
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



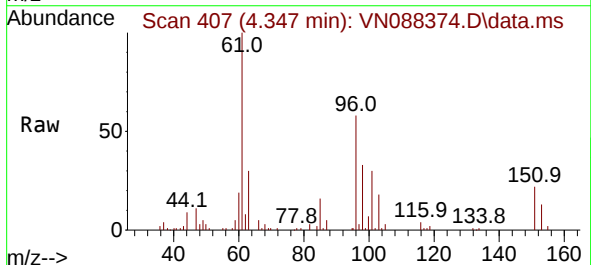
Tgt Ion: 59 Resp: 68039
Ion Ratio Lower Upper
59 100
57 3.6 8.5 12.7

Manual Integrations
APPROVED

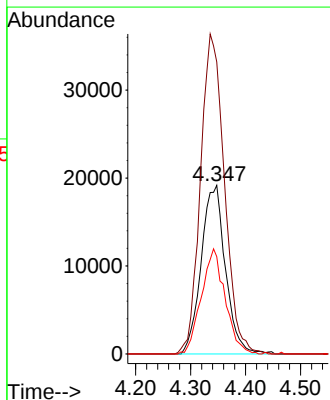
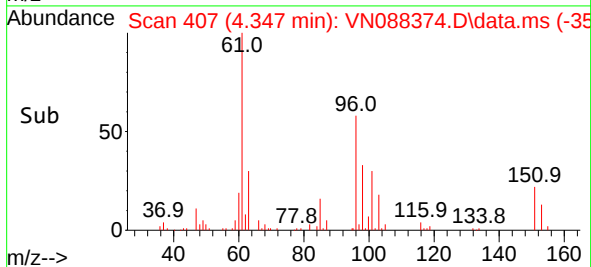
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

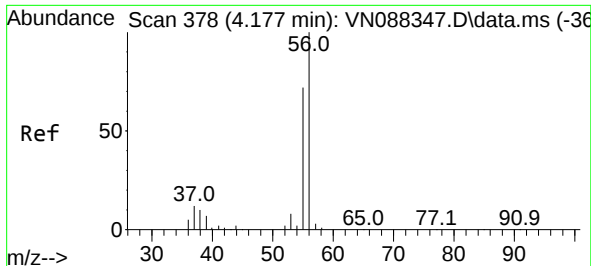


#12
1,1-Dichloroethene
Concen: 18.754 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



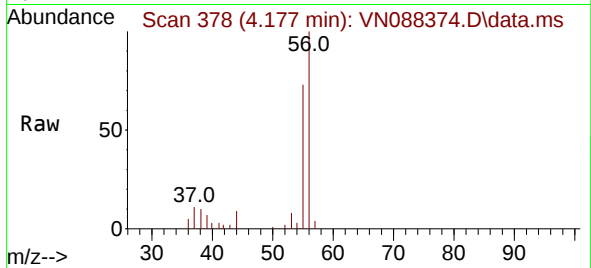
Tgt Ion: 96 Resp: 58831
Ion Ratio Lower Upper
96 100
61 173.2 159.1 238.7
98 57.7 53.7 80.5





#13
Acrolein
Concen: 118.346 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

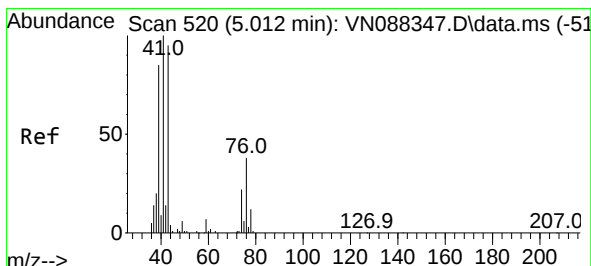
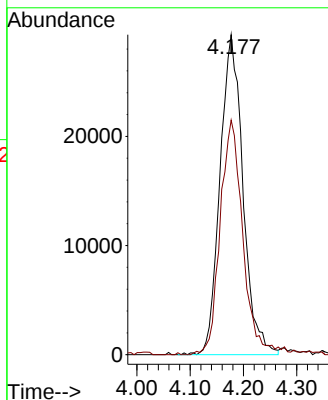
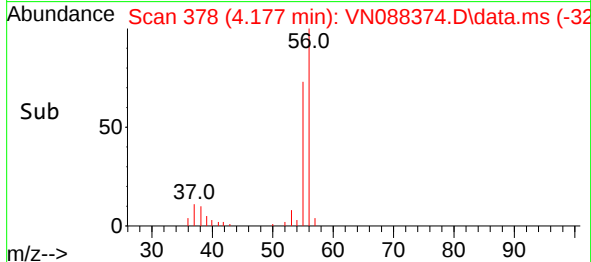
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



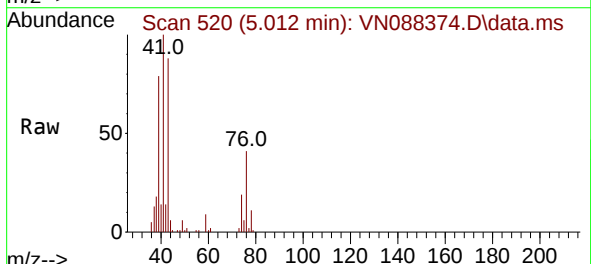
Tgt Ion: 56 Resp: 87619
Ion Ratio Lower Upper
56 100
55 72.6 56.3 84.5

Manual Integrations
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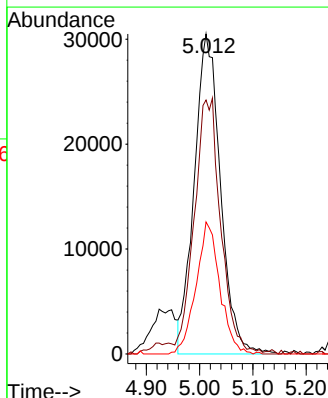
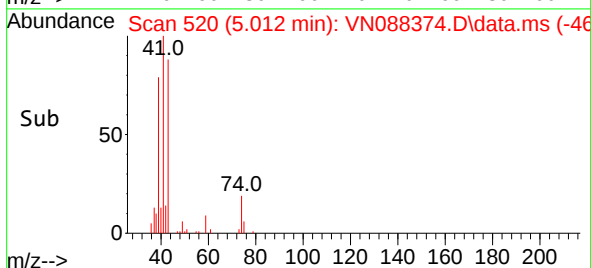
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#14
Allyl chloride
Concen: 17.974 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



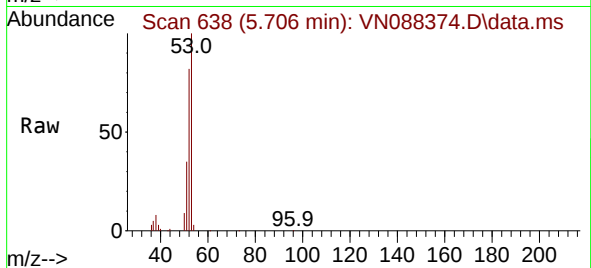
Tgt Ion: 41 Resp: 104505
Ion Ratio Lower Upper
41 100
39 79.4 64.7 97.1
76 37.4 29.1 43.7





#15
Acrylonitrile
Concen: 95.755 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

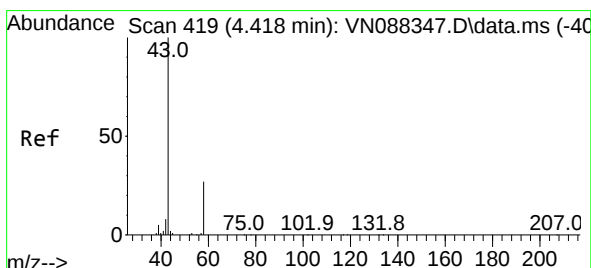
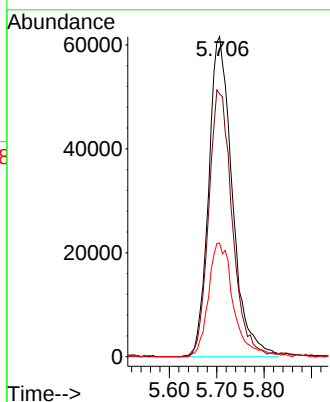
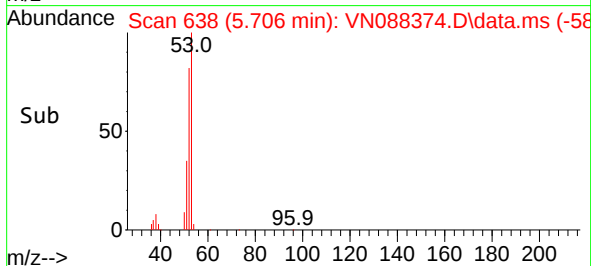
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 53 Resp: 213640
Ion Ratio Lower Upper
53 100
52 82.7 67.8 101.6
51 37.6 29.8 44.8

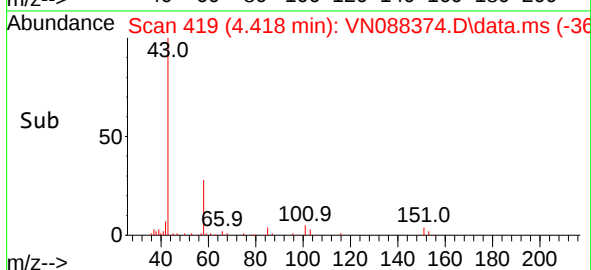
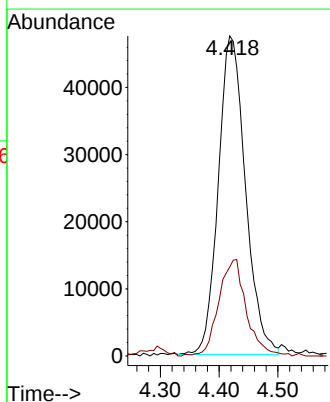
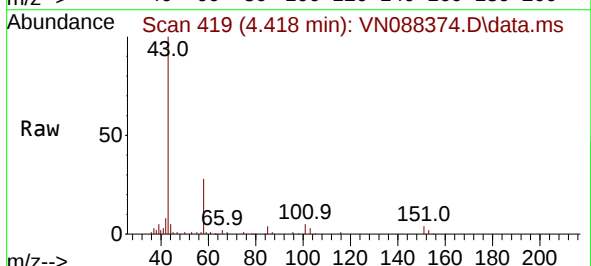
Manual Integrations
APPROVED

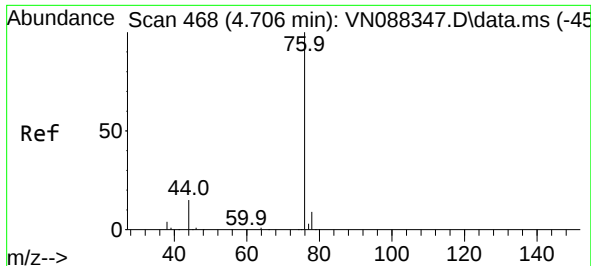
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#16
Acetone
Concen: 86.961 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

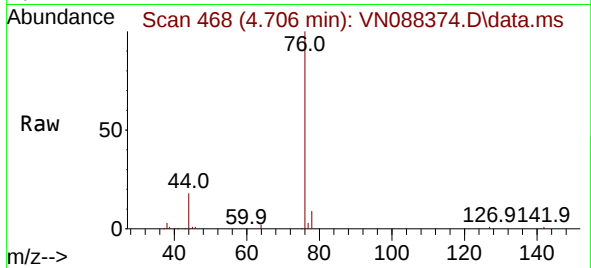
Tgt Ion: 43 Resp: 152332
Ion Ratio Lower Upper
43 100
58 27.9 21.7 32.5





#17
Carbon Disulfide
Concen: 18.810 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

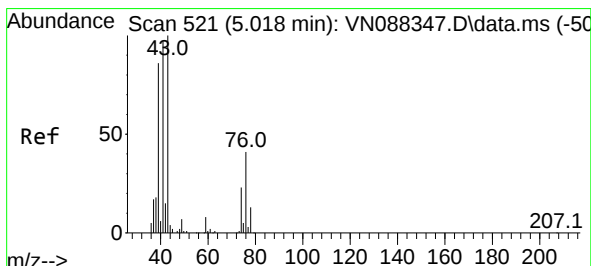
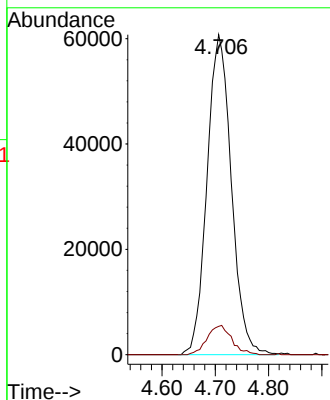
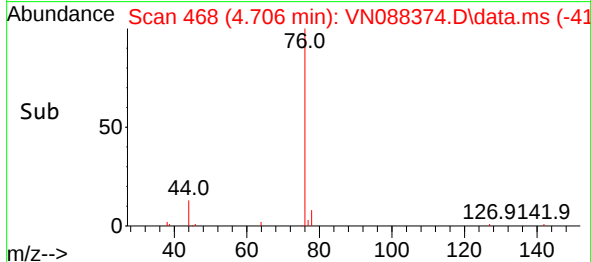
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



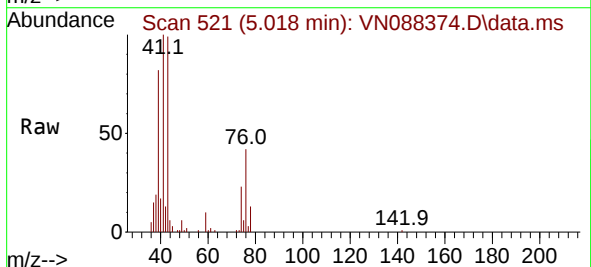
Tgt Ion: 76 Resp: 19281
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

Manual Integrations
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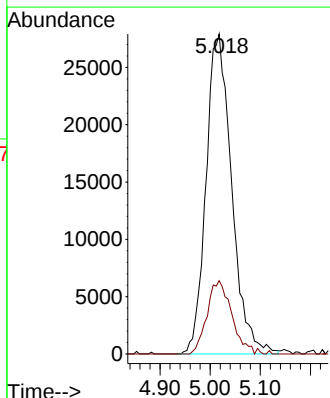
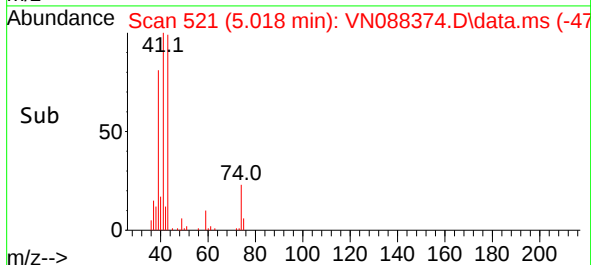
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

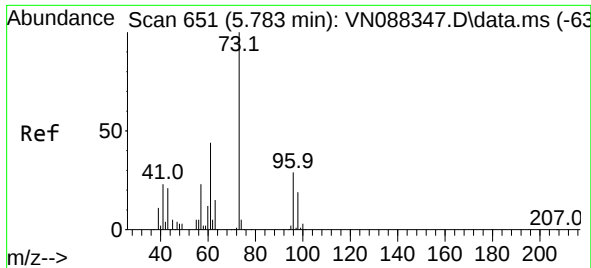


#18
Methyl Acetate
Concen: 19.019 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



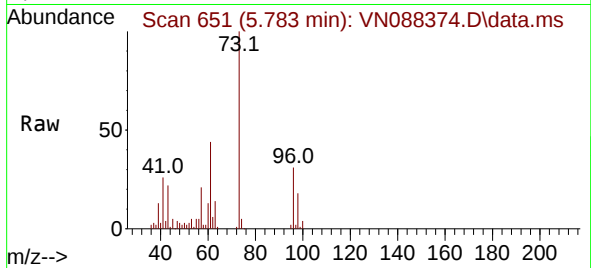
Tgt Ion: 43 Resp: 99171
Ion Ratio Lower Upper
43 100
74 22.1 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 19.442 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

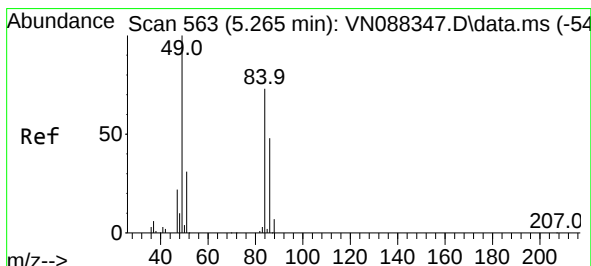
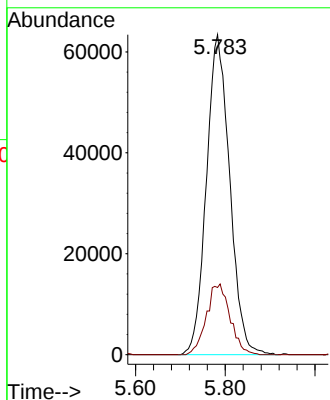
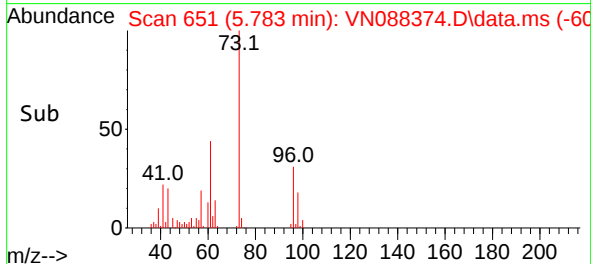
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



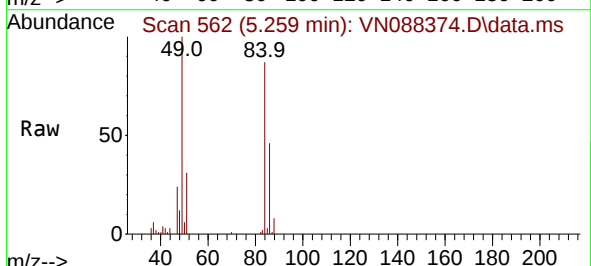
Tgt Ion: 73 Resp: 228498
Ion Ratio Lower Upper
73 100
57 21.0 18.6 28.0

Manual Integrations
APPROVED

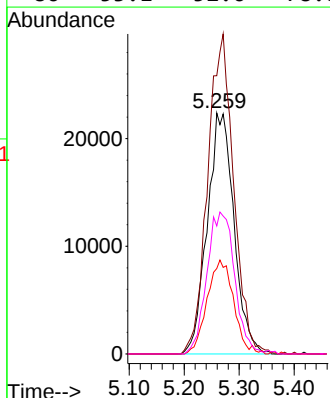
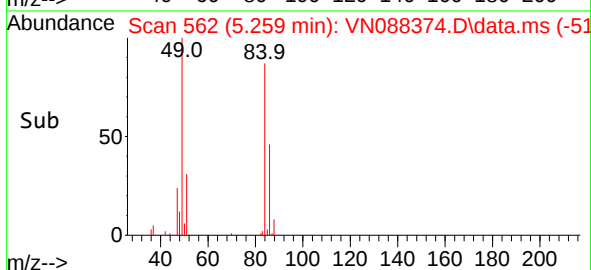
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

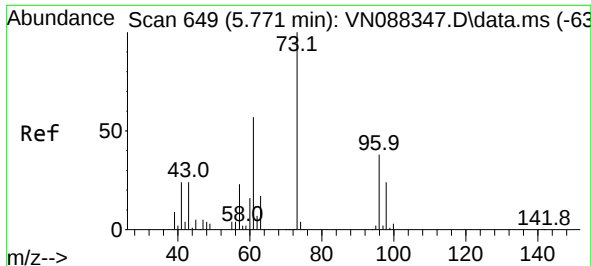


#20
Methylene Chloride
Concen: 20.196 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



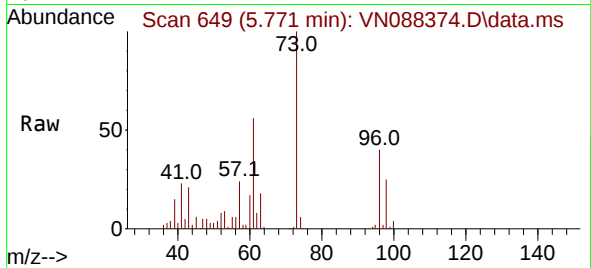
Tgt Ion: 84 Resp: 75693
Ion Ratio Lower Upper
84 100
49 115.4 110.2 165.2
51 35.5 34.1 51.1
86 53.1 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 19.608 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

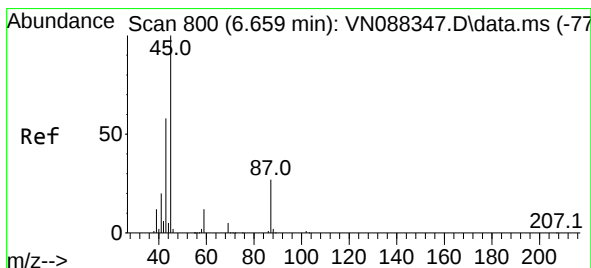
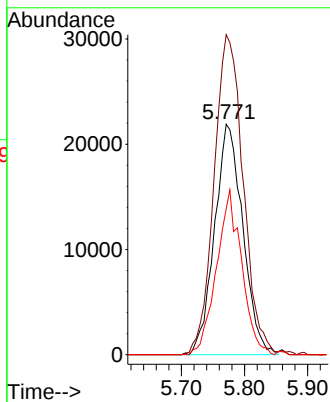
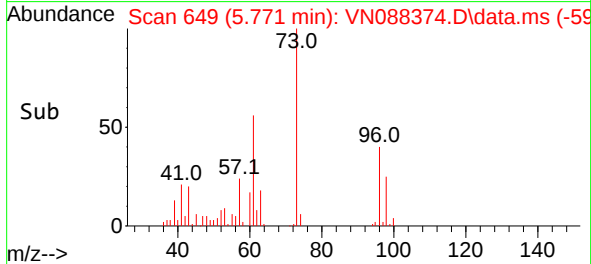
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 96 Resp: 68139
Ion Ratio Lower Upper
96 100
61 138.9 122.4 183.6
98 63.4 50.9 76.3

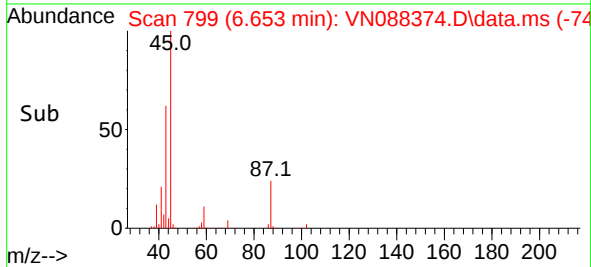
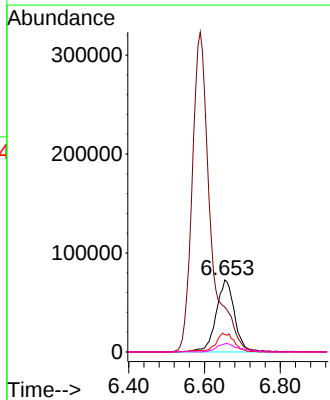
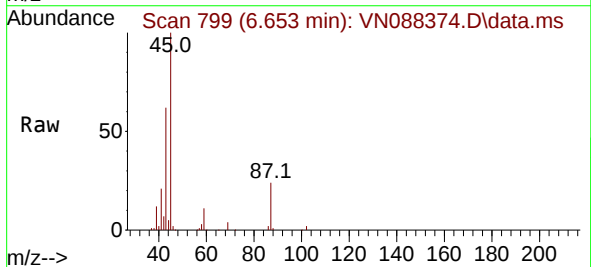
Manual Integrations
APPROVED

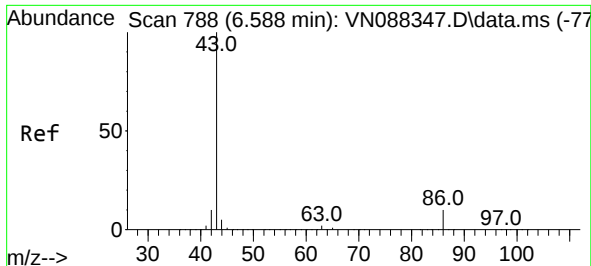
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#22
Diisopropyl ether
Concen: 19.733 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion: 45 Resp: 244953
Ion Ratio Lower Upper
45 100
43 61.7 47.4 71.2
87 24.2 21.9 32.9
59 11.3 9.4 14.2





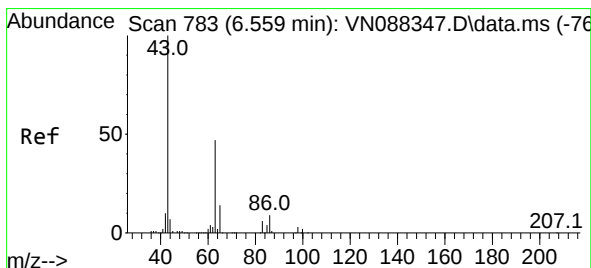
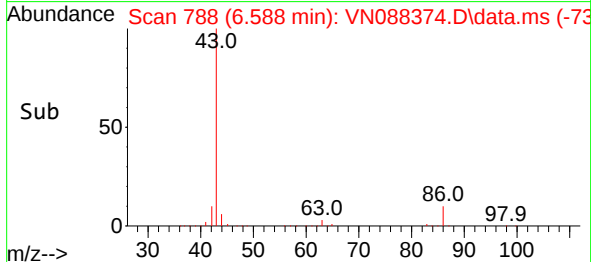
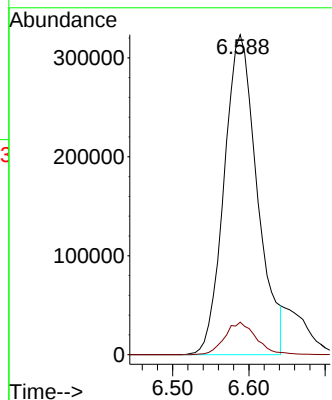
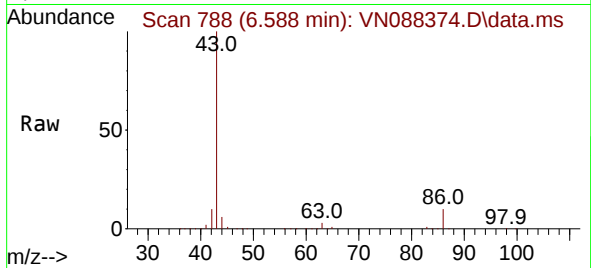
#23
 Vinyl Acetate
 Concen: 97.271 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01

Tgt Ion: 43 Resp: 972820
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

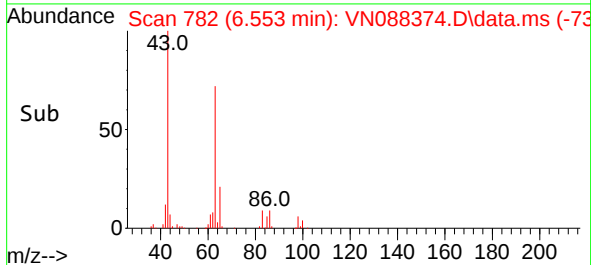
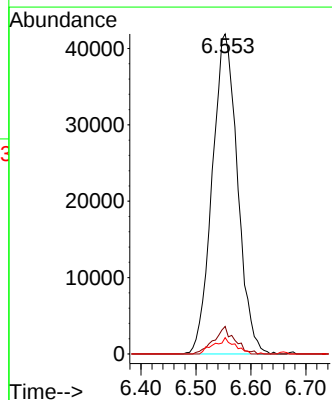
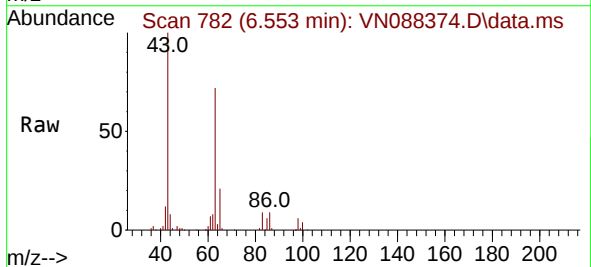
Manual Integrations
 APPROVED

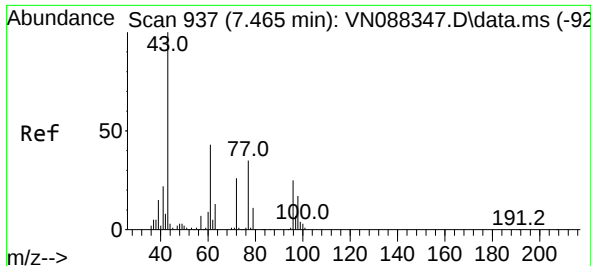
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#24
 1,1-Dichloroethane
 Concen: 19.063 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

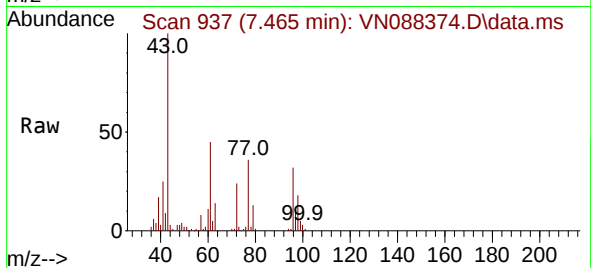
Tgt Ion: 63 Resp: 134006
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.4 10.2
 100 5.1 1.9 5.7





#25
2-Butanone
Concen: 96.165 ug/l
RT: 7.465 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

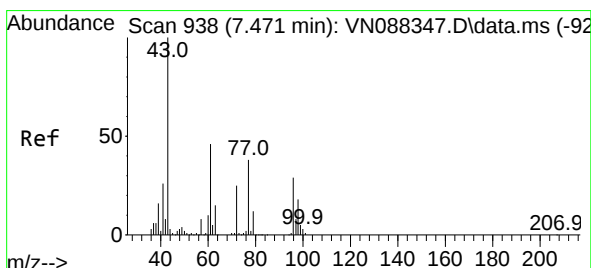
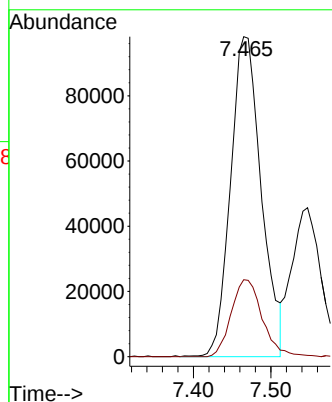
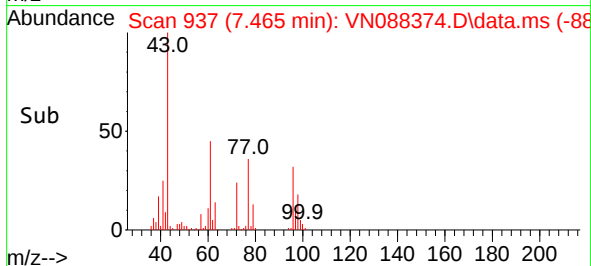
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



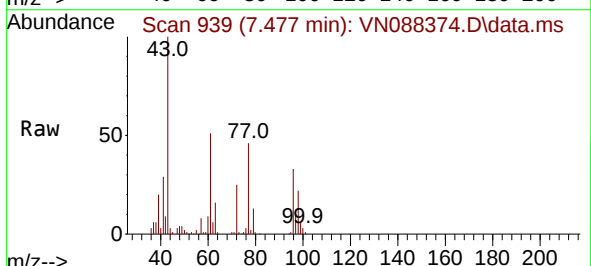
Tgt Ion: 43 Resp: 27081
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7

Manual Integrations
APPROVED

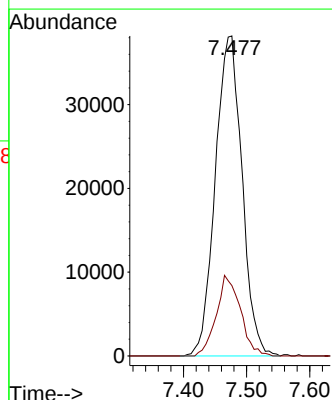
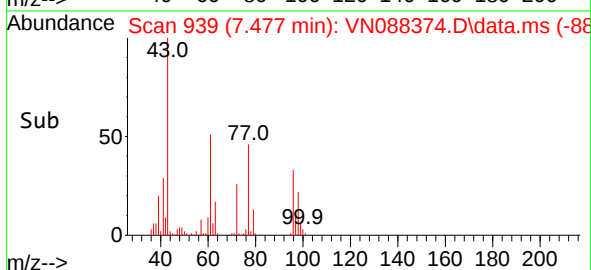
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

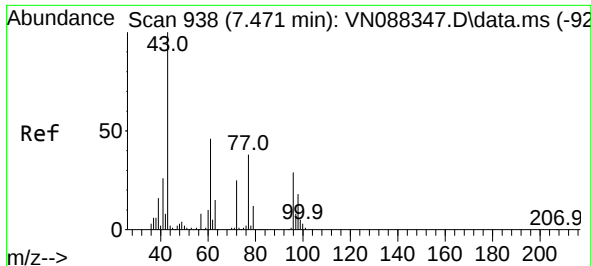


#26
2,2-Dichloropropane
Concen: 18.506 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



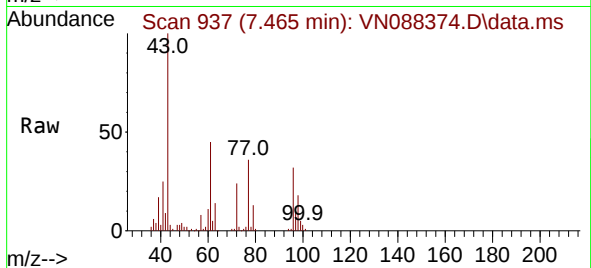
Tgt Ion: 77 Resp: 112288
Ion Ratio Lower Upper
77 100
97 22.7 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 19.392 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

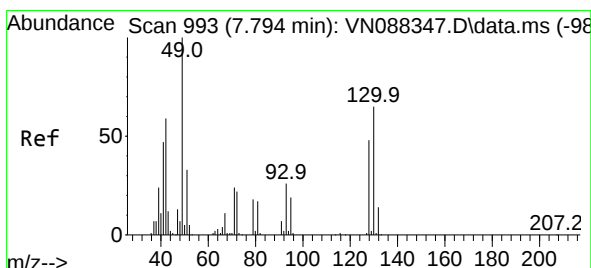
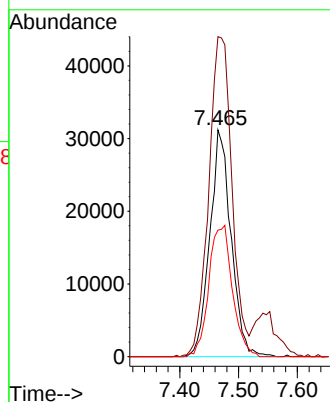
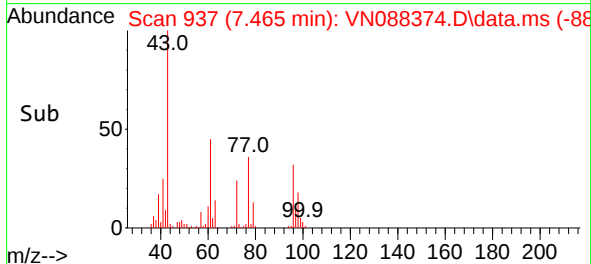
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01



Tgt Ion: 96 Resp: 78314
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 323.6
 98 64.1 0.0 127.2

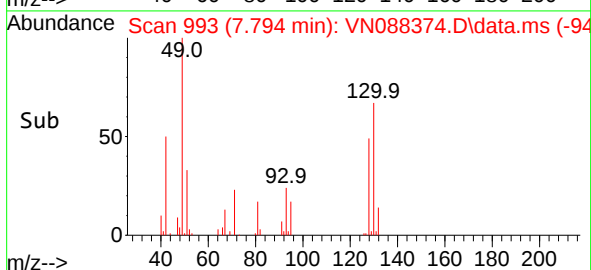
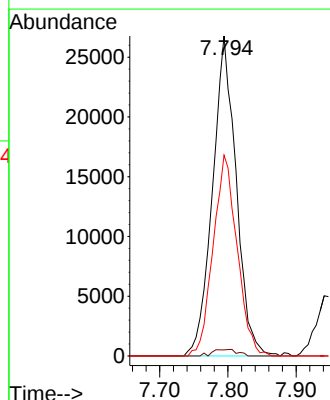
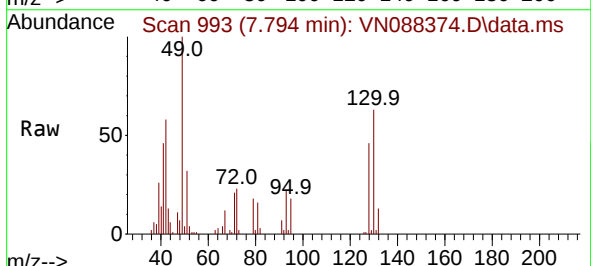
Manual Integrations
 APPROVED

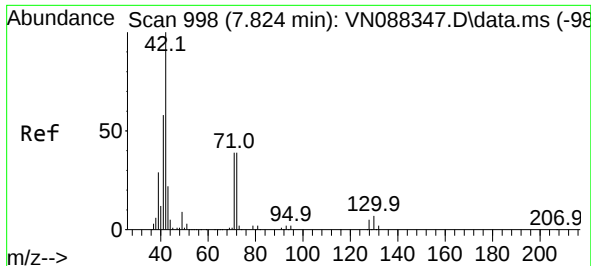
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025



#28
 Bromochloromethane
 Concen: 18.456 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

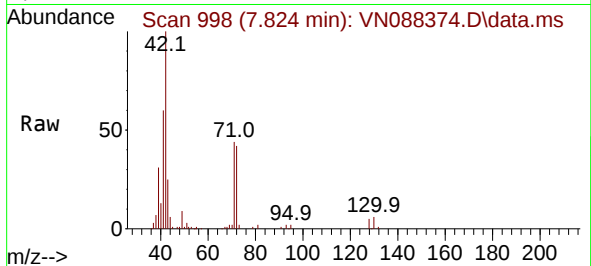
Tgt Ion: 49 Resp: 64631
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.6
 130 63.5 51.1 76.7





#29
Tetrahydrofuran
Concen: 95.919 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

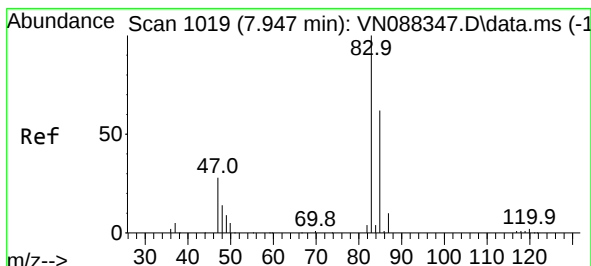
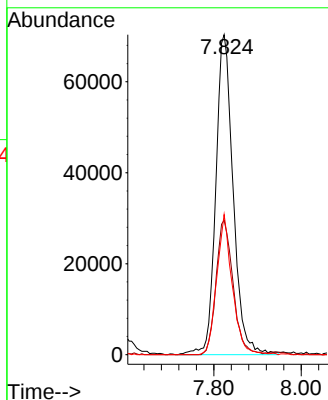
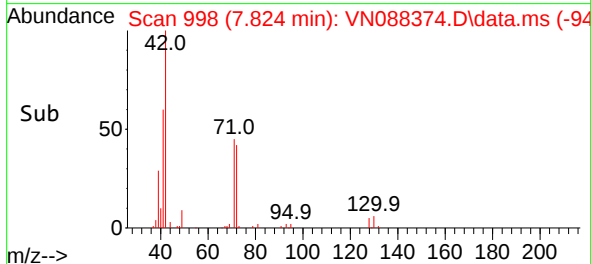
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 42 Resp: 193749
Ion Ratio Lower Upper
42 100
72 41.0 32.2 48.4
71 39.2 31.1 46.7

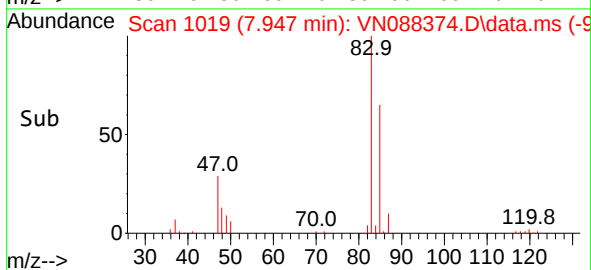
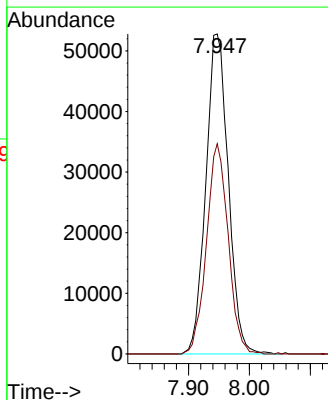
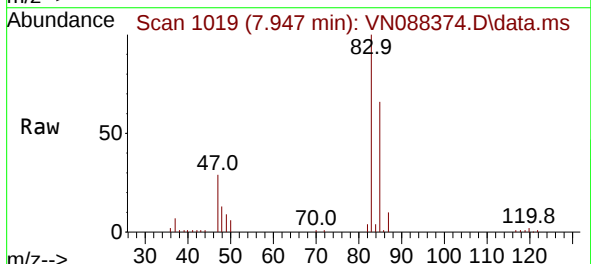
Manual Integrations
APPROVED

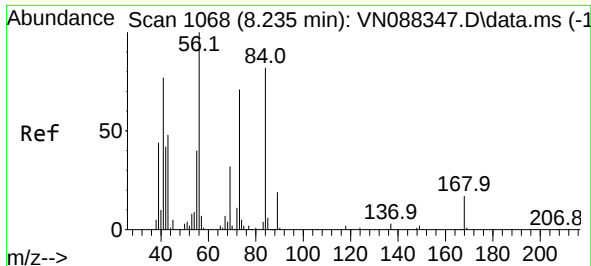
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#30
Chloroform
Concen: 19.585 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

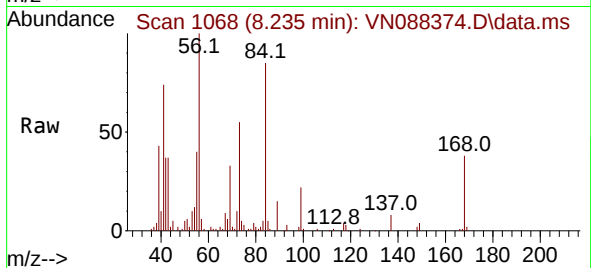
Tgt Ion: 83 Resp: 135282
Ion Ratio Lower Upper
83 100
85 65.7 49.8 74.8





#31
Cyclohexane
Concen: 18.475 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

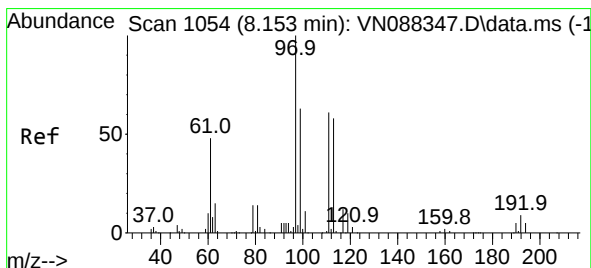
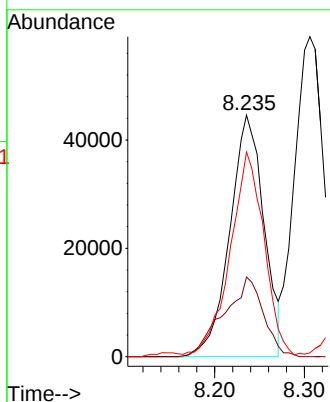
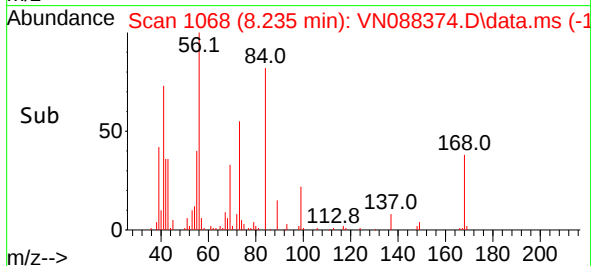
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



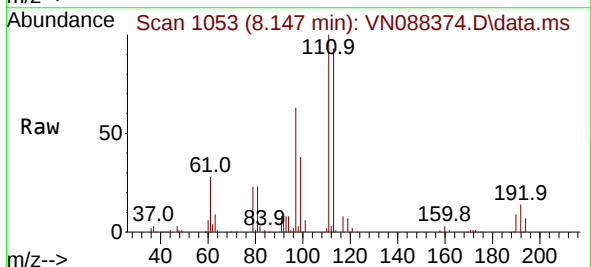
Tgt Ion: 56 Resp: 11768
Ion Ratio Lower Upper
56 100
69 33.0 25.3 37.9
84 83.5 65.4 98.2

Manual Integrations
APPROVED

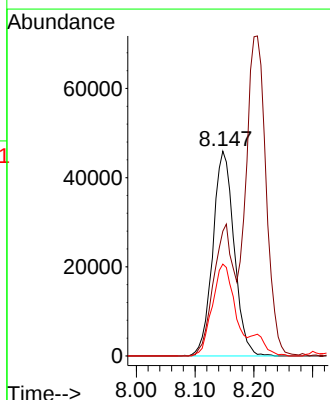
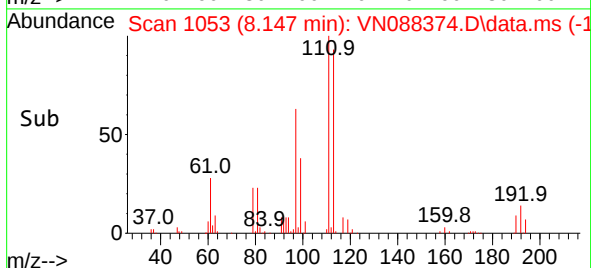
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

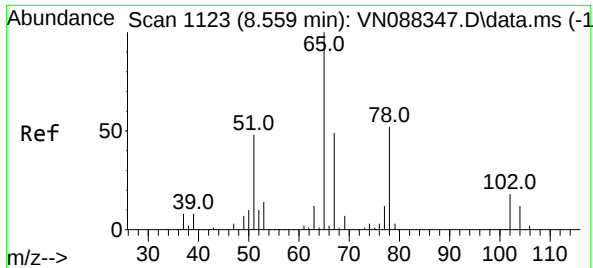


#32
1,1,1-Trichloroethane
Concen: 18.992 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



Tgt Ion: 97 Resp: 115347
Ion Ratio Lower Upper
97 100
99 60.4 50.8 76.2
61 47.5 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 52.192 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 65 Resp: 25280

Ion Ratio Lower Upper

65 100

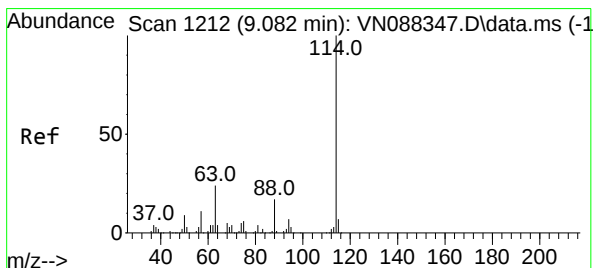
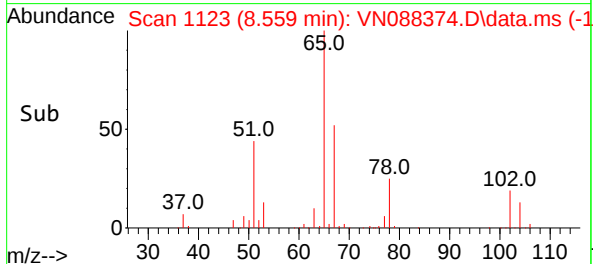
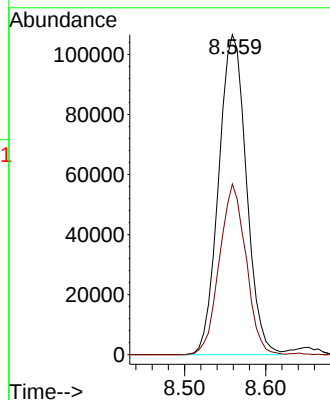
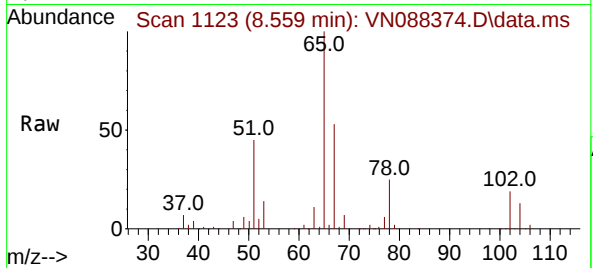
67 51.2 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

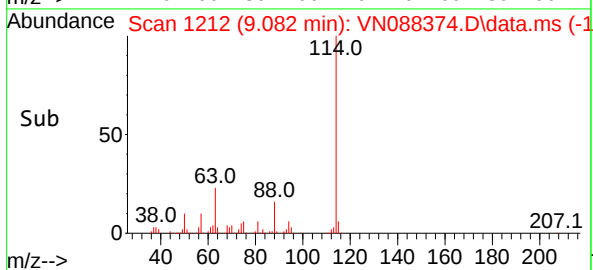
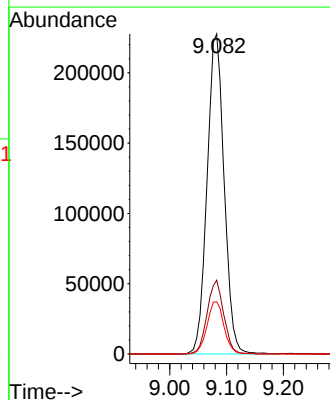
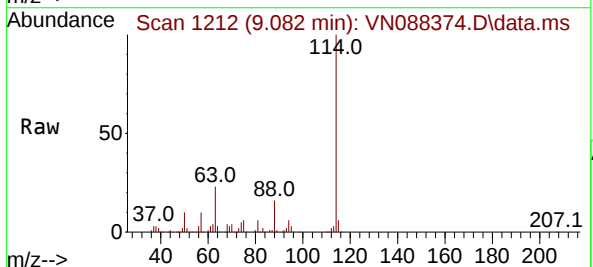
Tgt Ion:114 Resp: 472668

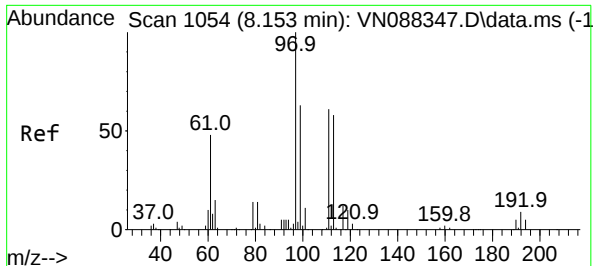
Ion Ratio Lower Upper

114 100

63 23.1 0.0 49.0

88 16.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.281 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 113 Resp: 17125

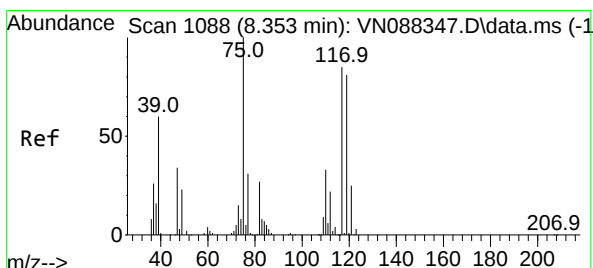
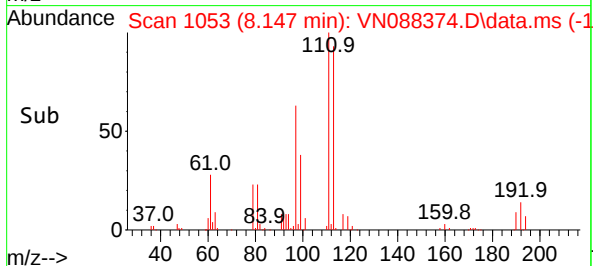
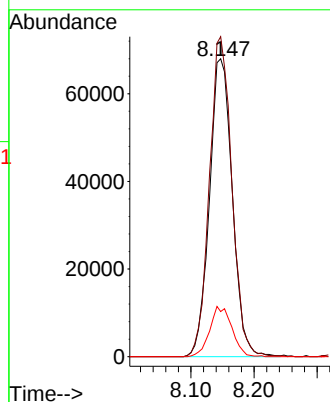
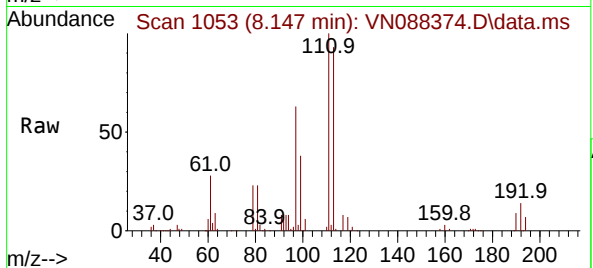
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.5	123.7
192	16.4	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#36

1,1-Dichloropropene

Concen: 17.794 ug/l

RT: 8.353 min Scan# 1088

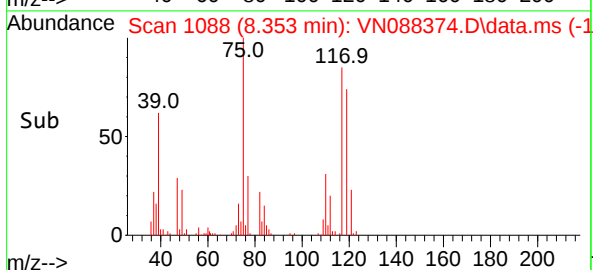
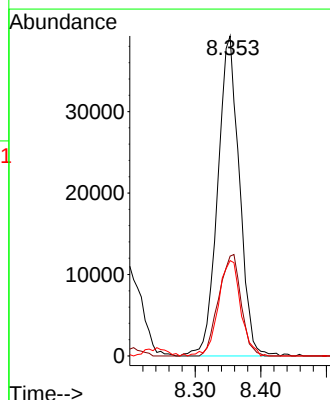
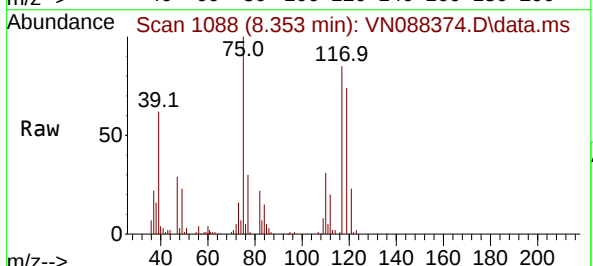
Delta R.T. 0.000 min

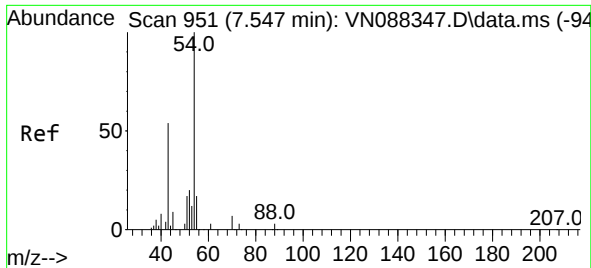
Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Tgt Ion: 75 Resp: 89956

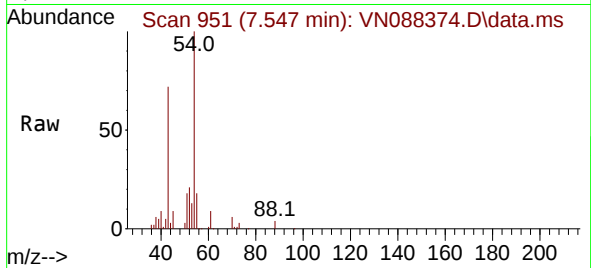
Ion	Ratio	Lower	Upper
75	100		
110	32.7	15.8	47.4
77	30.8	24.2	36.2





#37
Ethyl Acetate
Concen: 18.569 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

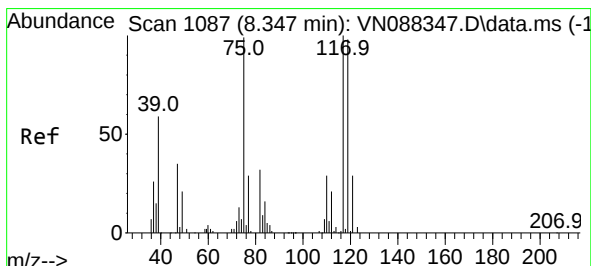
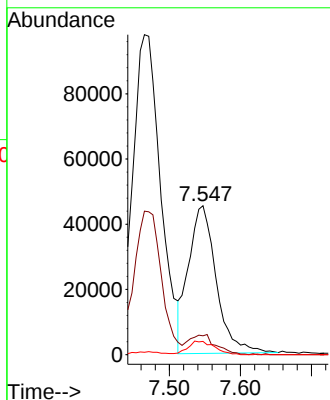
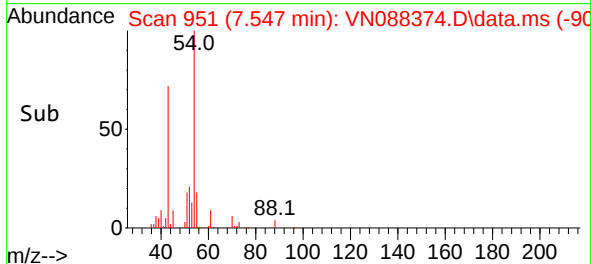
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 12342
Ion Ratio Lower Upper
43 100
61 13.0 9.5 14.3
70 8.8 7.1 10.7

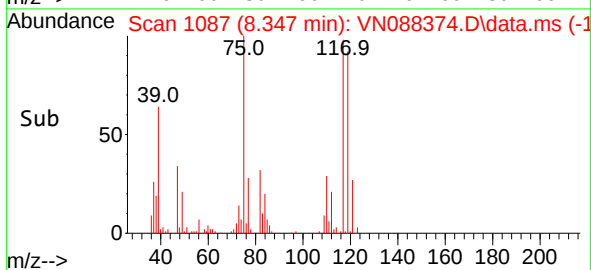
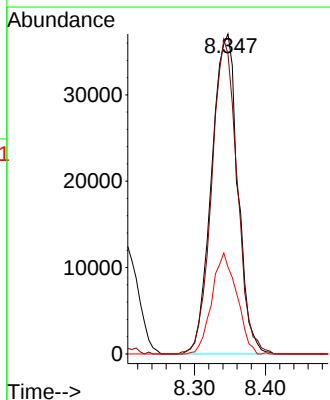
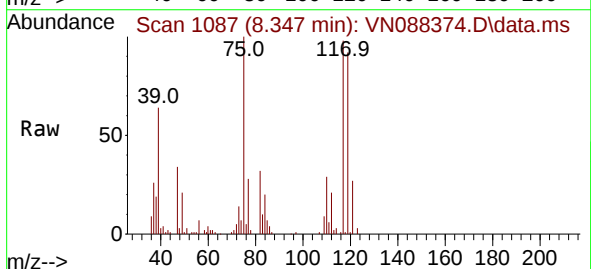
Manual Integrations
APPROVED

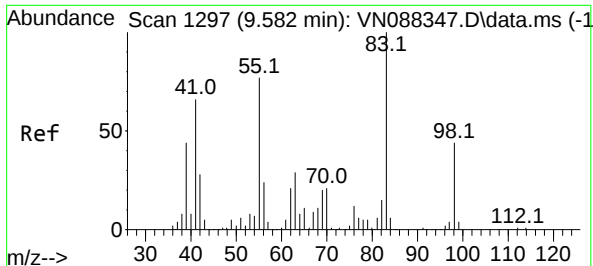
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#38
Carbon Tetrachloride
Concen: 18.801 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion:117 Resp: 94617
Ion Ratio Lower Upper
117 100
119 93.8 78.2 117.4
121 27.2 23.4 35.2





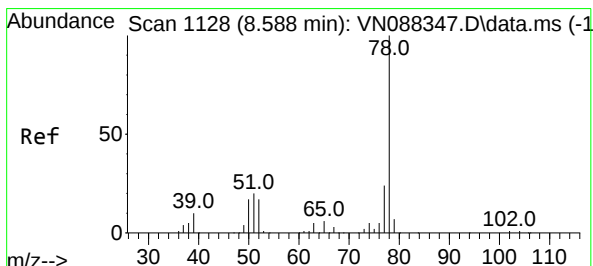
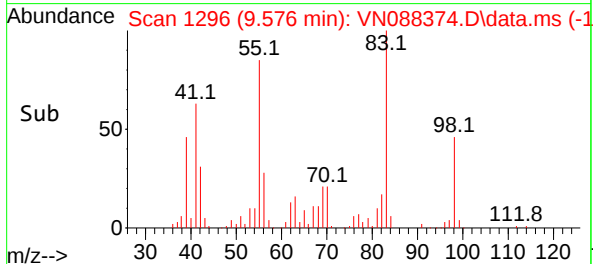
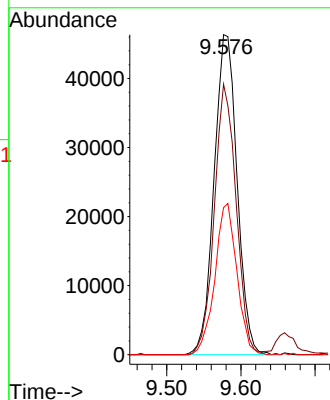
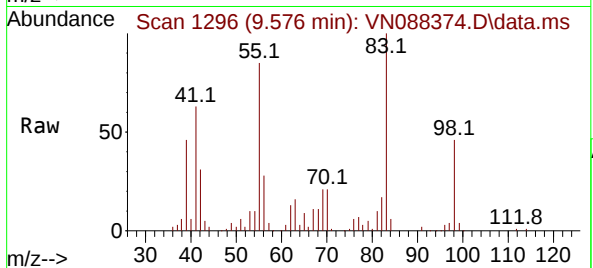
#39
Methylcyclohexane
Concen: 18.491 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 83 Resp: 9998
Ion Ratio Lower Upper
83 100
55 84.5 61.6 92.4
98 45.9 35.3 52.9

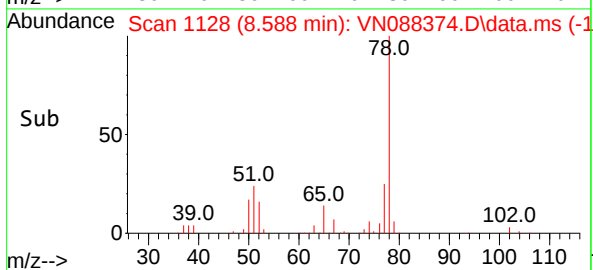
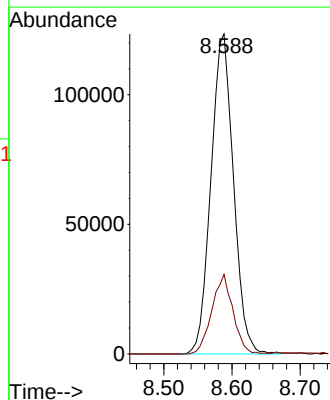
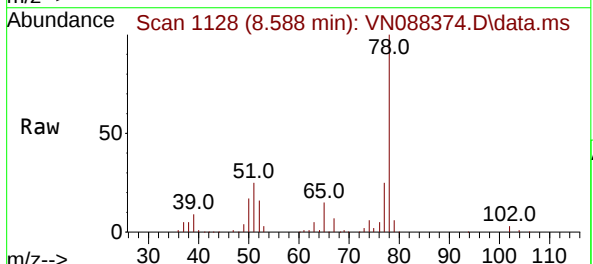
Manual Integrations
APPROVED

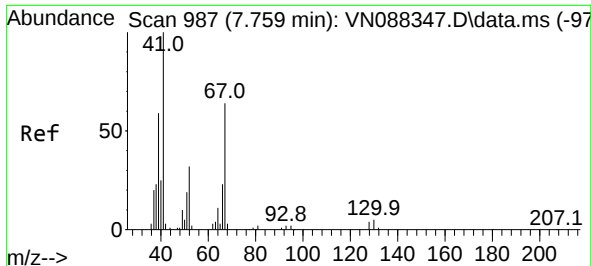
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#40
Benzene
Concen: 19.149 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

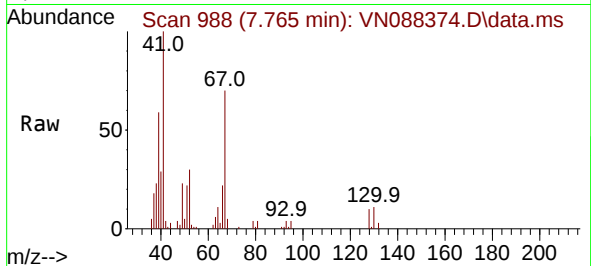
Tgt Ion: 78 Resp: 284116
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4





#41
Methacrylonitrile
Concen: 19.168 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

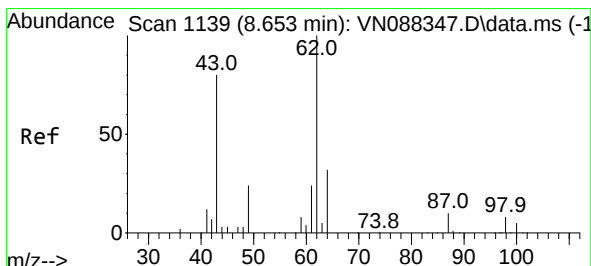
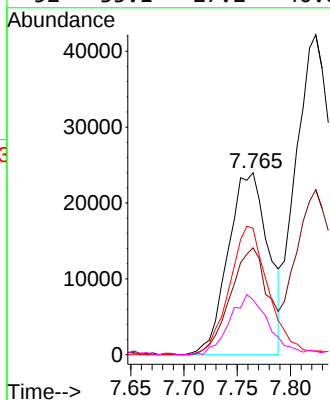
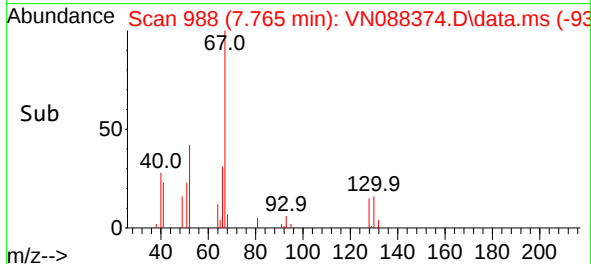
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 41 Resp: 6310
Ion Ratio Lower Upper
41 100
39 55.0 46.3 69.5
67 69.2 54.7 82.1
52 33.1 27.2 40.8

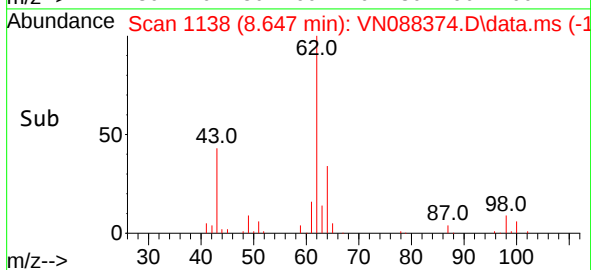
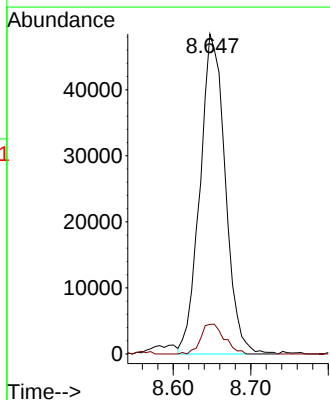
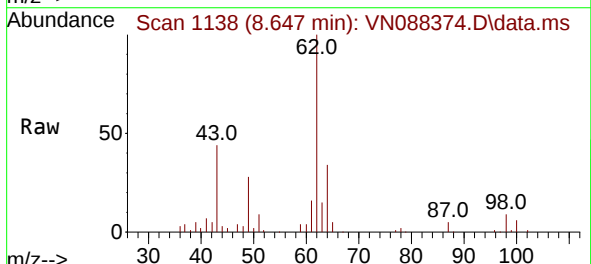
Manual Integrations
APPROVED

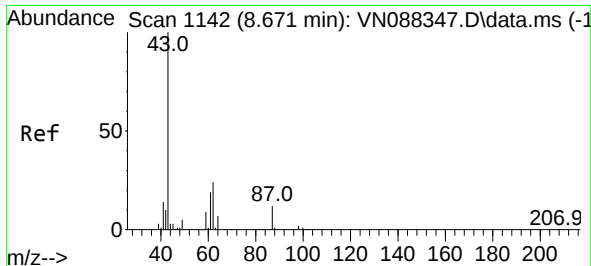
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#42
1,2-Dichloroethane
Concen: 19.380 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

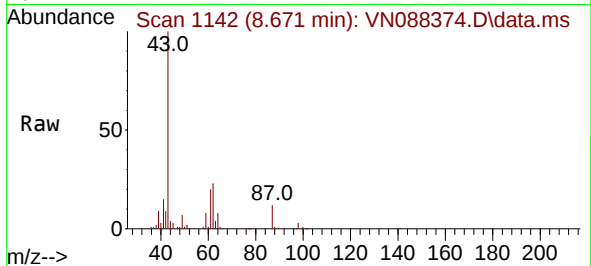
Tgt Ion: 62 Resp: 109703
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.2





#43
Isopropyl Acetate
Concen: 18.952 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

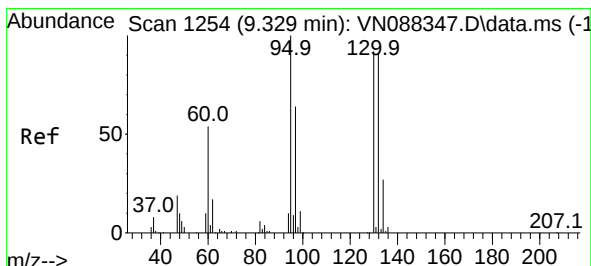
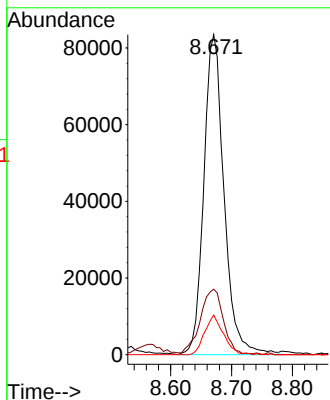
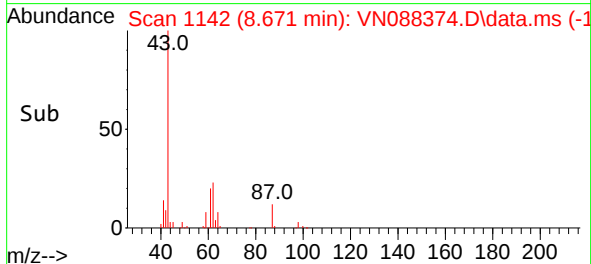
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 192472
Ion Ratio Lower Upper
43 100
61 23.8 18.7 28.1
87 11.5 9.1 13.7

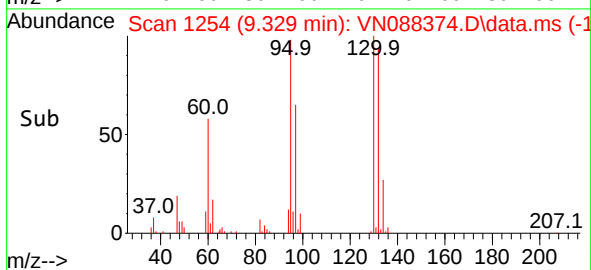
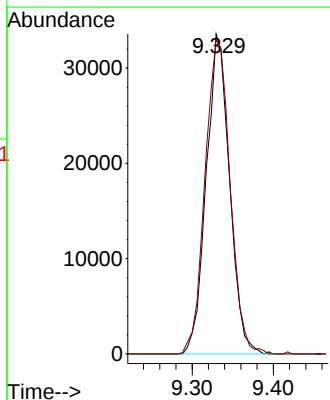
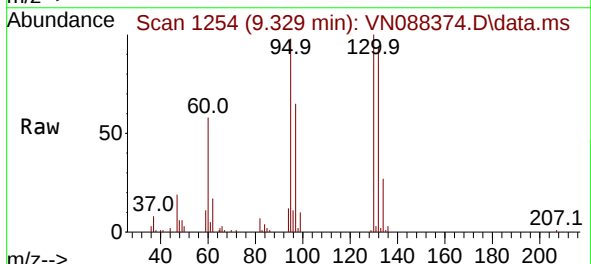
Manual Integrations
APPROVED

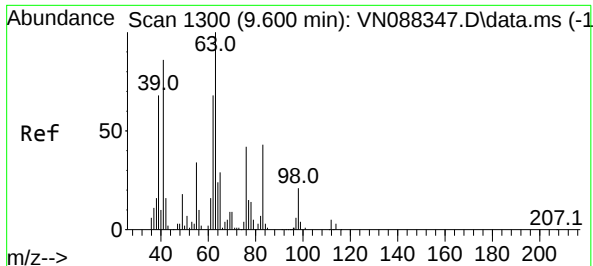
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#44
Trichloroethene
Concen: 19.054 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion:130 Resp: 66801
Ion Ratio Lower Upper
130 100
95 98.2 0.0 217.0





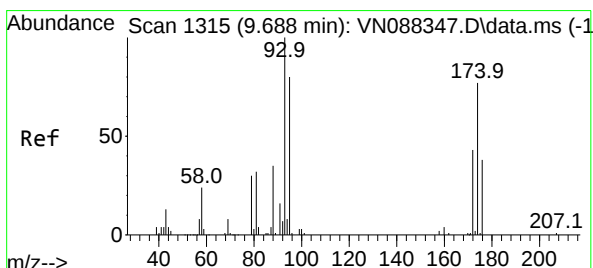
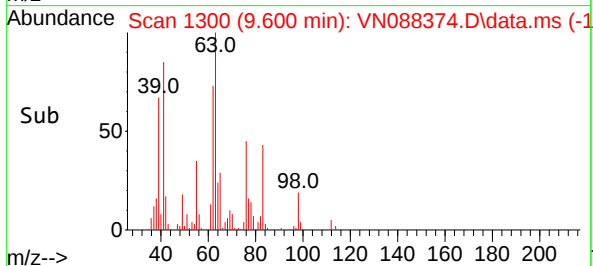
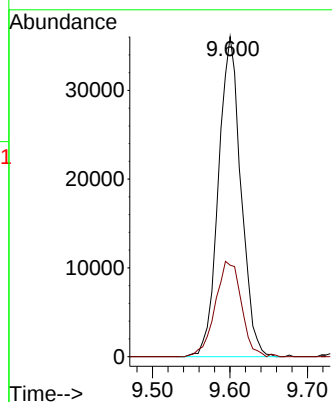
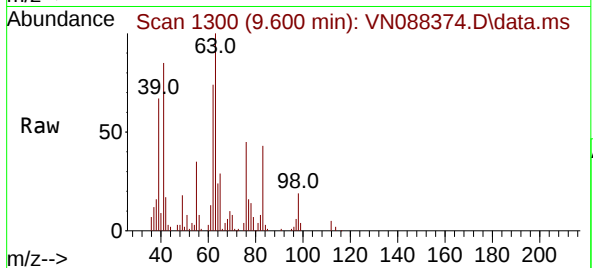
#45
1,2-Dichloropropane
Concen: 19.162 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 63 Resp: 7284
Ion Ratio Lower Upper
63 100
65 28.6 23.0 34.4

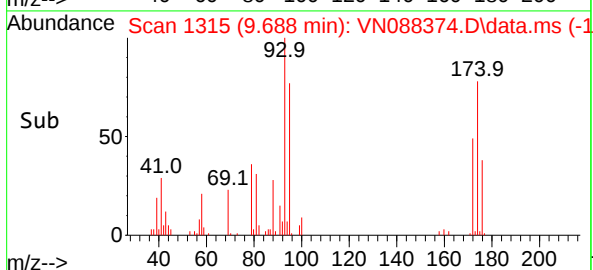
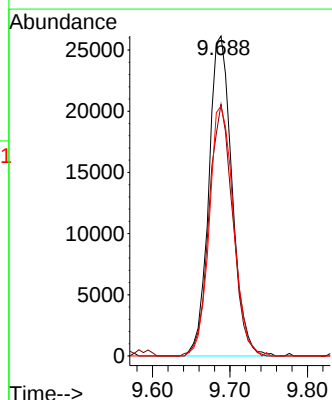
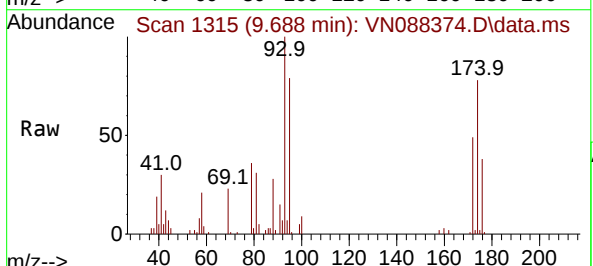
Manual Integrations
APPROVED

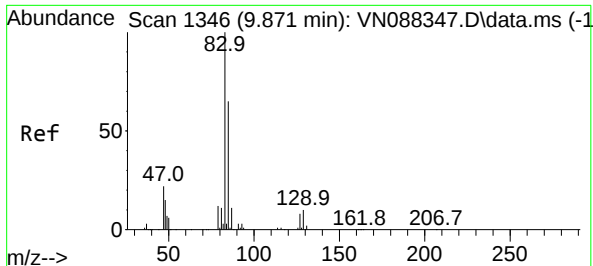
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#46
Dibromomethane
Concen: 20.053 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion: 93 Resp: 54401
Ion Ratio Lower Upper
93 100
95 79.9 65.8 98.6
174 81.2 64.3 96.5





#47

Bromodichloromethane

Concen: 19.308 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 83 Resp: 106870

Ion Ratio Lower Upper

83 100

85 58.9 51.9 77.9

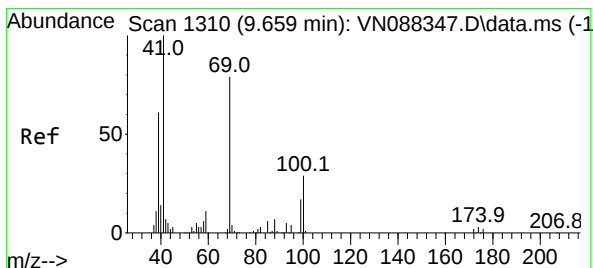
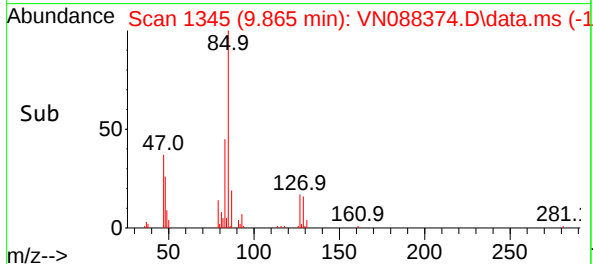
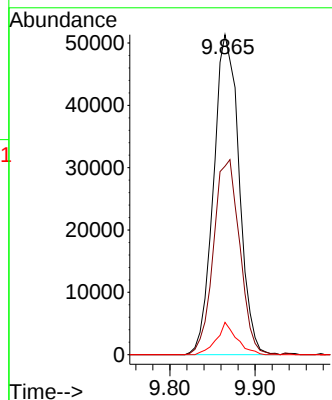
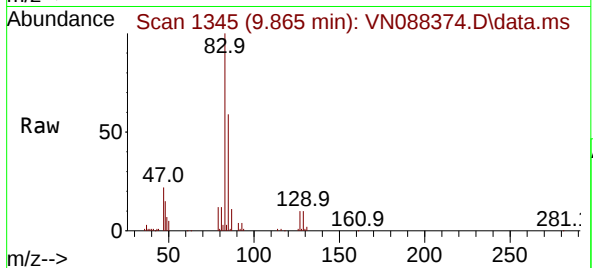
127 10.1 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#48

Methyl methacrylate

Concen: 18.260 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

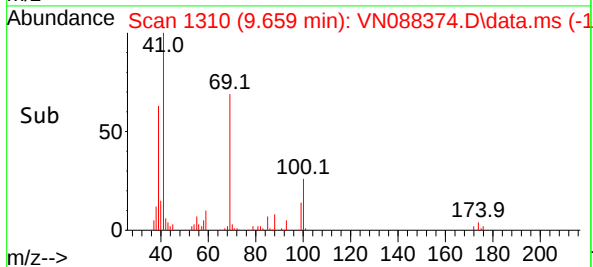
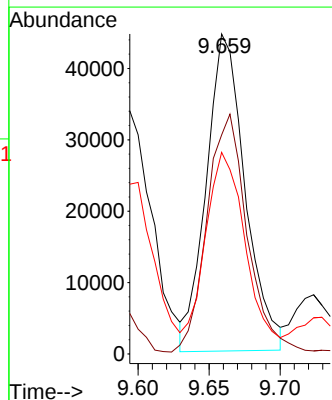
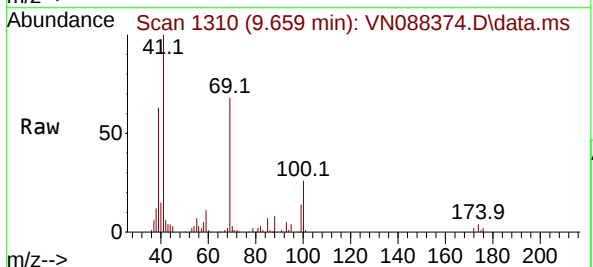
Tgt Ion: 41 Resp: 84615

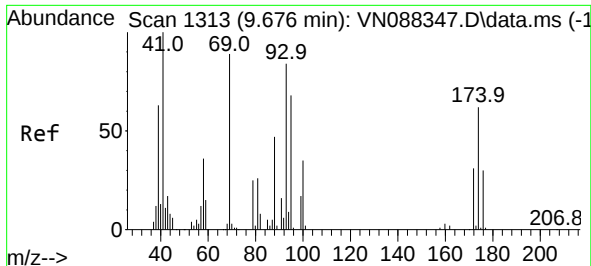
Ion Ratio Lower Upper

41 100

69 77.7 62.4 93.6

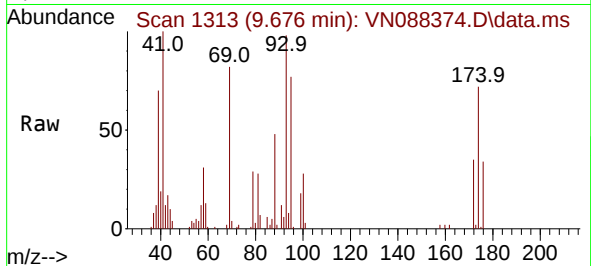
39 66.5 52.6 79.0





#49
1,4-Dioxane
Concen: 373.614 ug/l
RT: 9.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

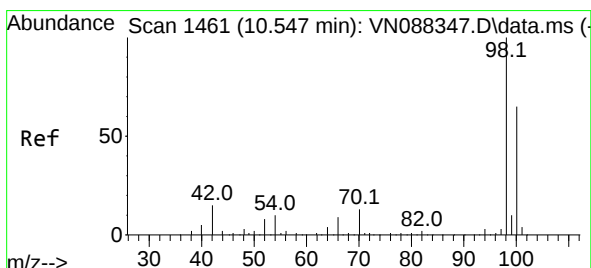
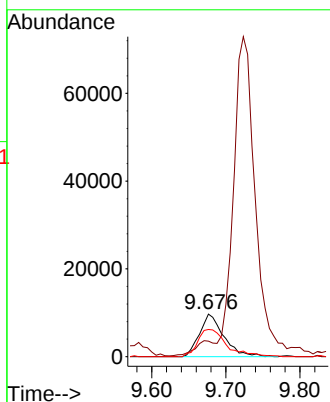
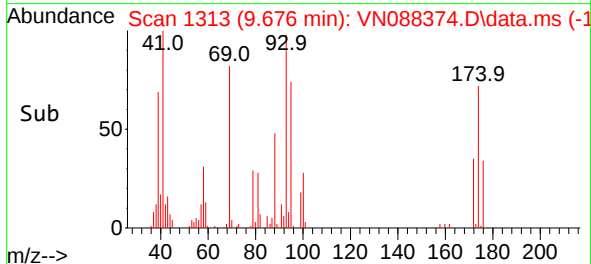
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 88 Resp: 2201
Ion Ratio Lower Upper
88 100
43 31.1 0.0 0.0
58 76.8 62.0 93.0

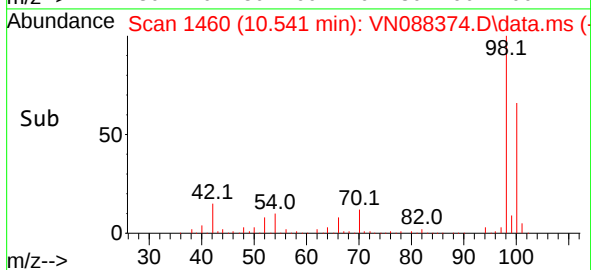
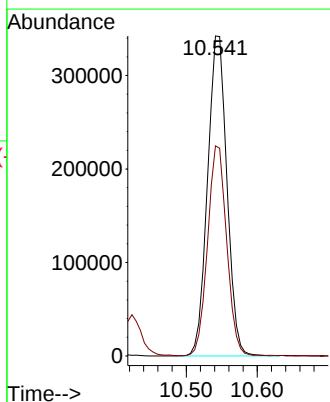
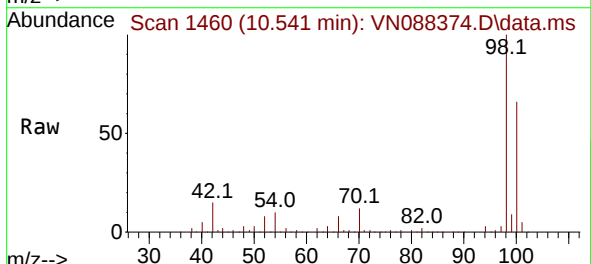
Manual Integrations
APPROVED

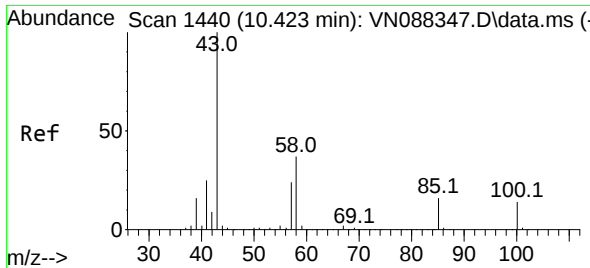
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#50
Toluene-d8
Concen: 53.220 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

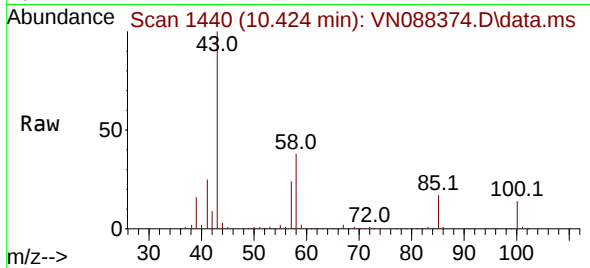
Tgt Ion: 98 Resp: 648629
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 98.453 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

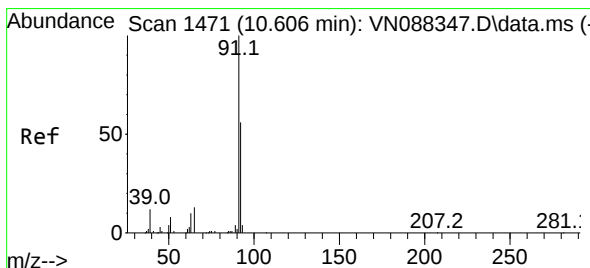
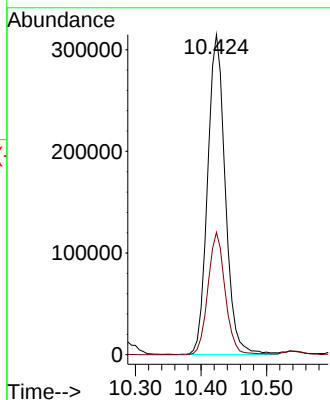
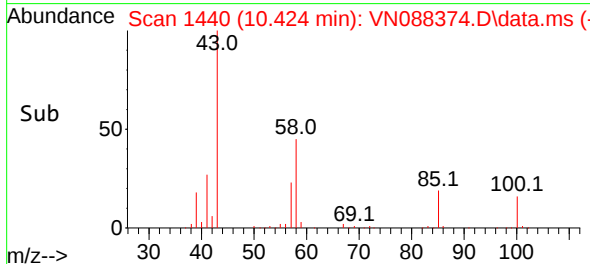
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 58935
Ion Ratio Lower Upper
43 100
58 37.2 29.1 43.7

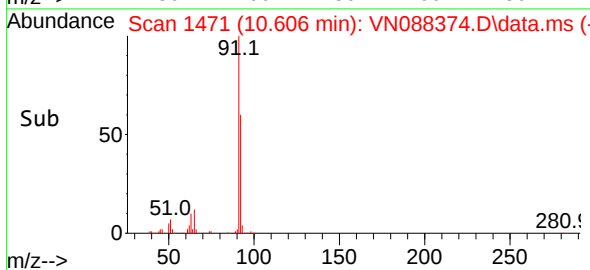
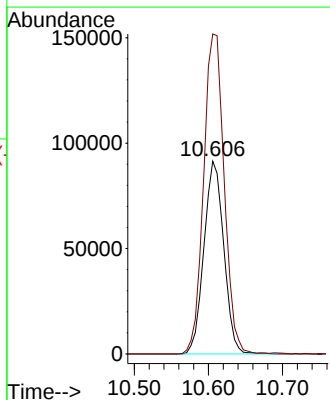
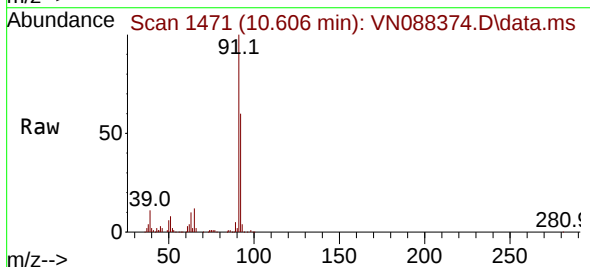
Manual Integrations
APPROVED

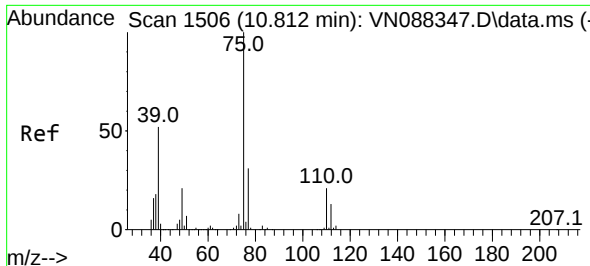
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#52
Toluene
Concen: 19.846 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

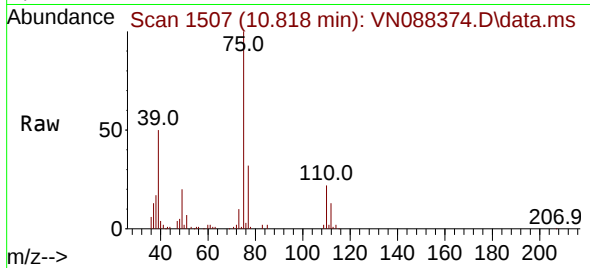
Tgt Ion: 92 Resp: 170024
Ion Ratio Lower Upper
92 100
91 172.2 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 19.099 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

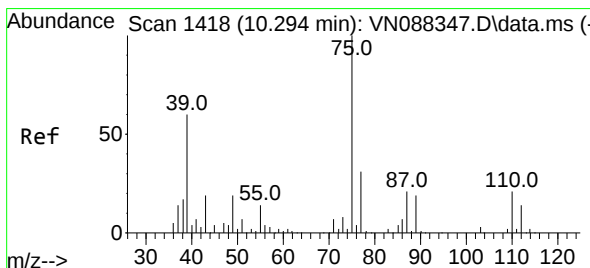
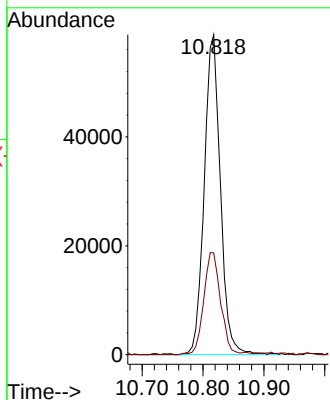
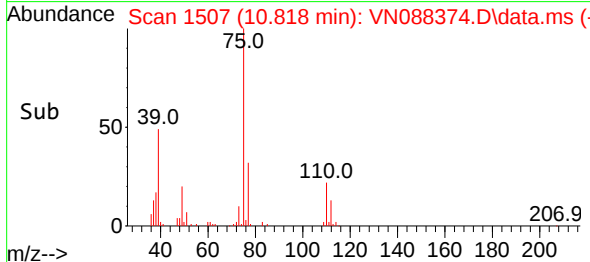
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 75 Resp: 108520
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2

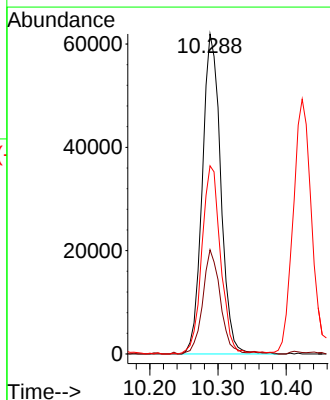
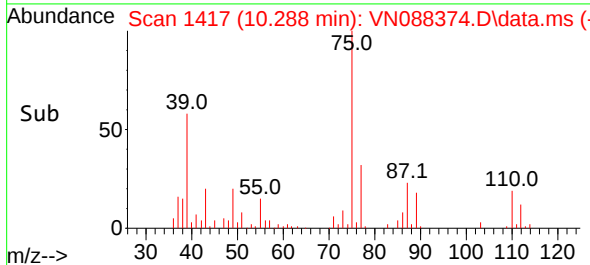
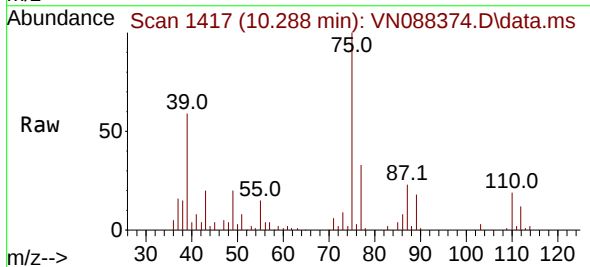
Manual Integrations
APPROVED

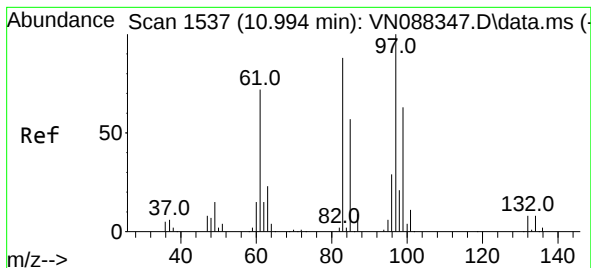
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#54
cis-1,3-Dichloropropene
Concen: 19.541 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

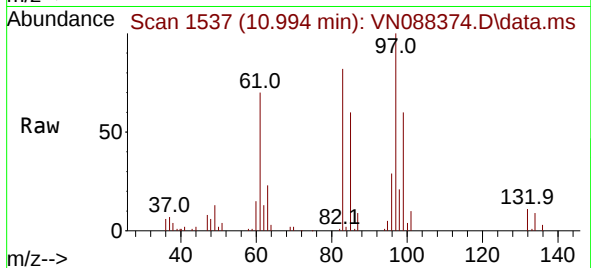
Tgt Ion: 75 Resp: 116758
Ion Ratio Lower Upper
75 100
77 32.5 24.5 36.7
39 58.8 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 19.982 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

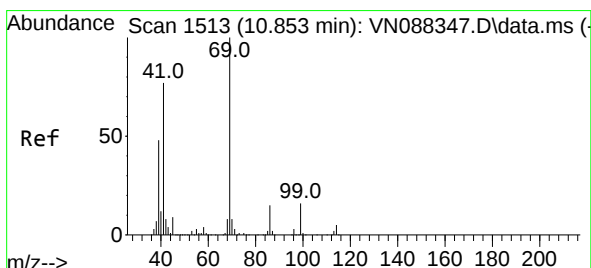
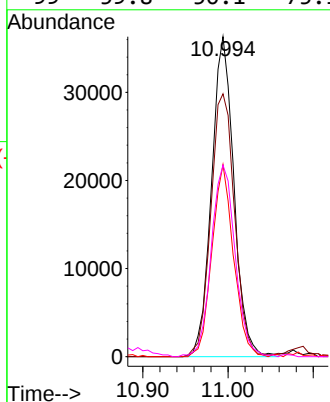
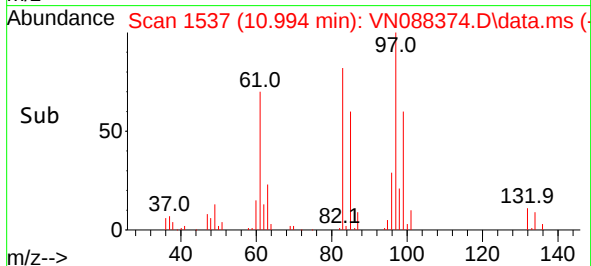
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



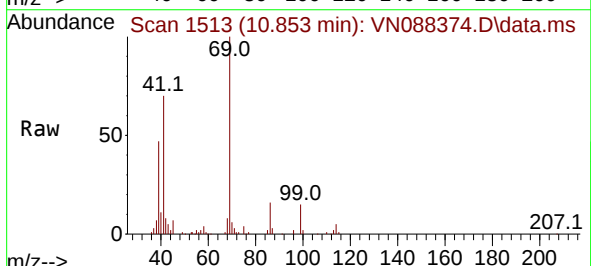
Tgt Ion: 97 Resp: 6623
Ion Ratio Lower Upper
97 100
83 82.1 70.4 105.6
85 60.0 45.4 68.2
99 59.8 50.1 75.1

Manual Integrations
APPROVED

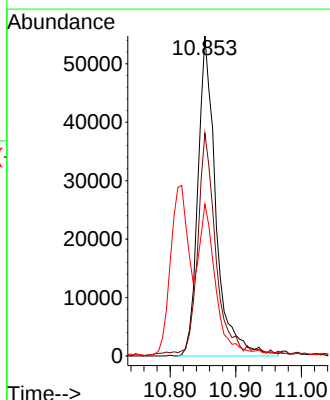
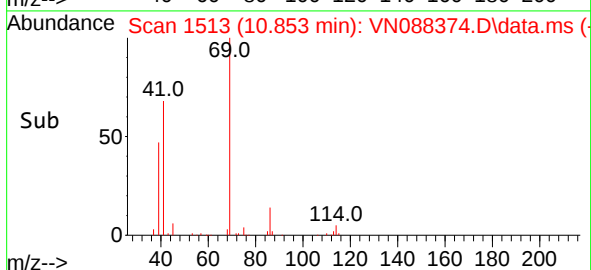
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

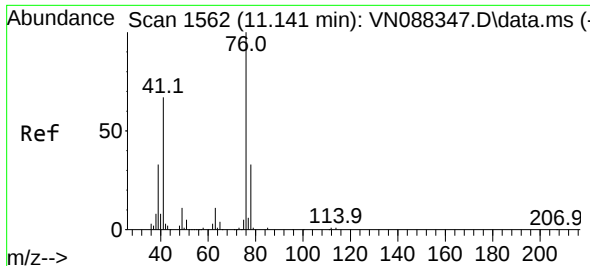


#56
Ethyl methacrylate
Concen: 20.028 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



Tgt Ion: 69 Resp: 104863
Ion Ratio Lower Upper
69 100
41 70.0 59.6 89.4
39 45.3 36.4 54.6





#57

1,3-Dichloropropane

Concen: 20.179 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 76 Resp: 120668

Ion Ratio Lower Upper

76 100

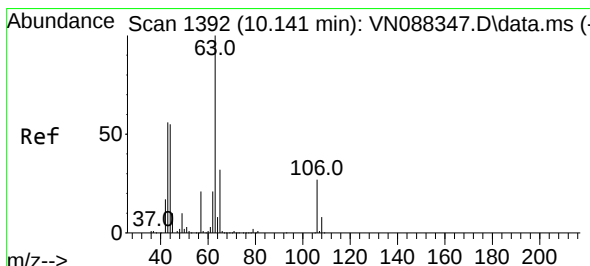
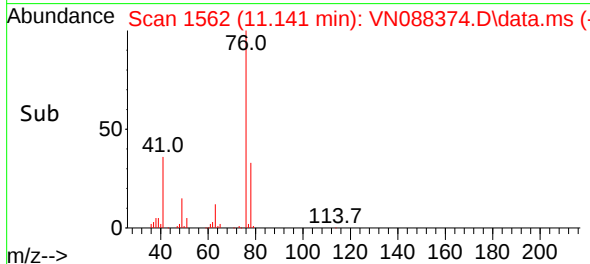
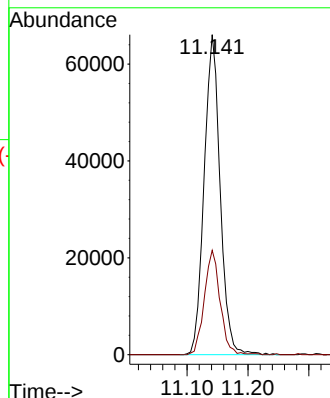
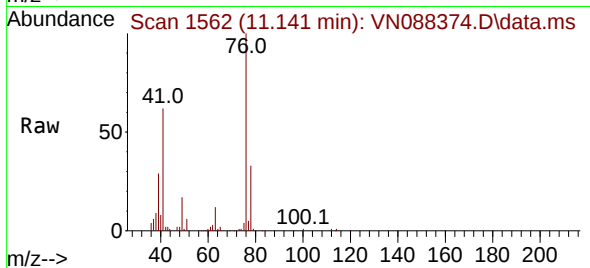
78 32.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 91.622 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088374.D

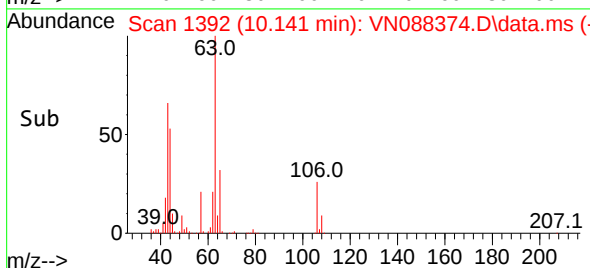
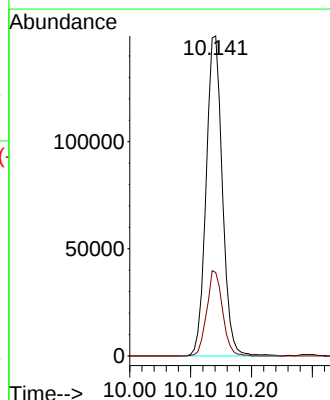
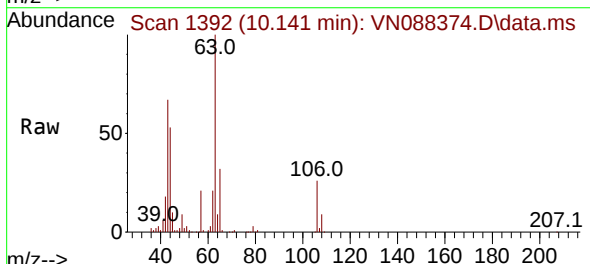
Acq: 01 Dec 2025 12:10

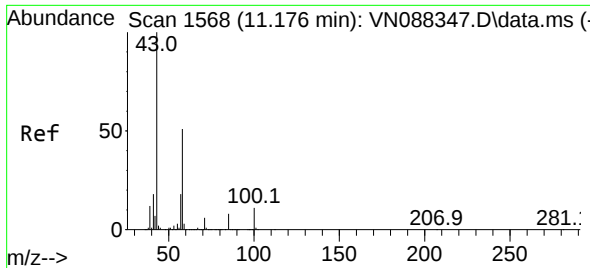
Tgt Ion: 63 Resp: 276569

Ion Ratio Lower Upper

63 100

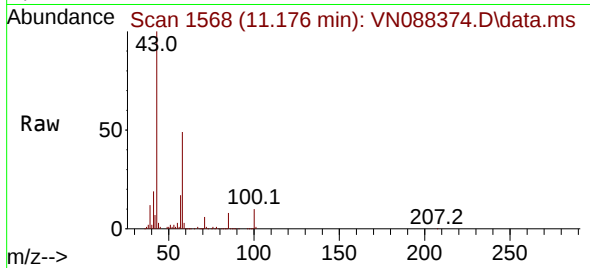
106 26.0 20.5 30.7





#59
2-Hexanone
Concen: 94.358 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

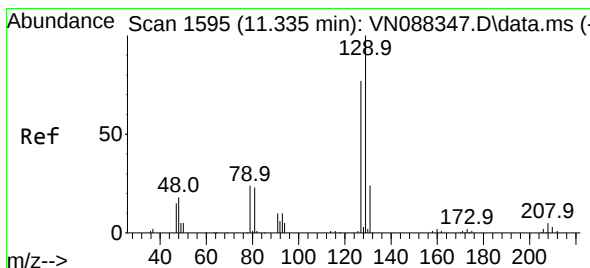
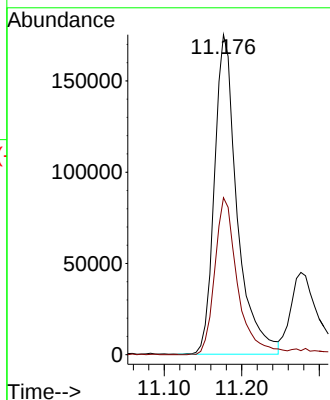
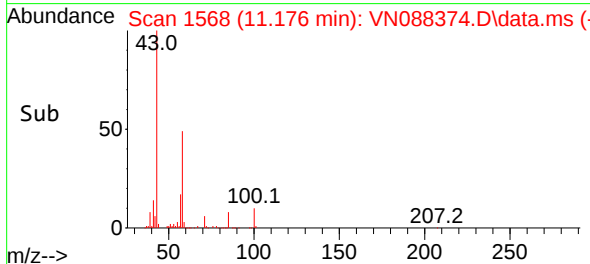
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 43 Resp: 355820
Ion Ratio Lower Upper
43 100
58 49.5 25.3 75.9

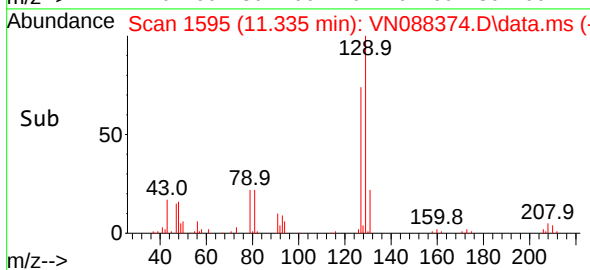
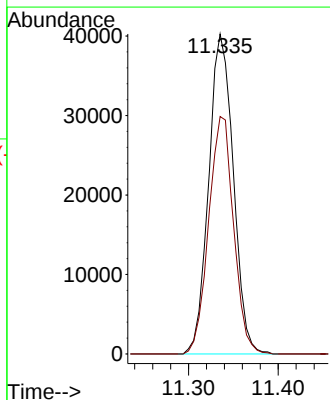
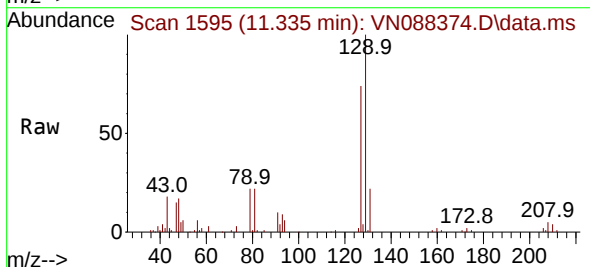
Manual Integrations
APPROVED

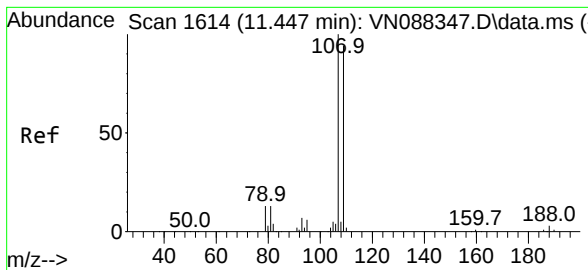
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#60
Dibromochloromethane
Concen: 20.298 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

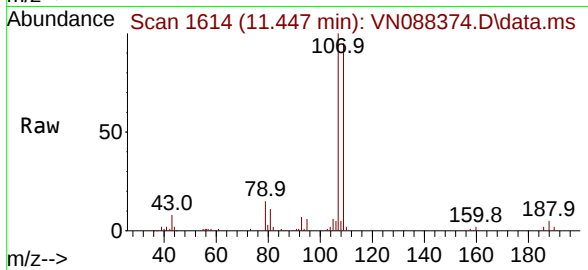
Tgt Ion:129 Resp: 76699
Ion Ratio Lower Upper
129 100
127 75.1 38.2 114.6





#61
1,2-Dibromoethane
Concen: 19.909 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

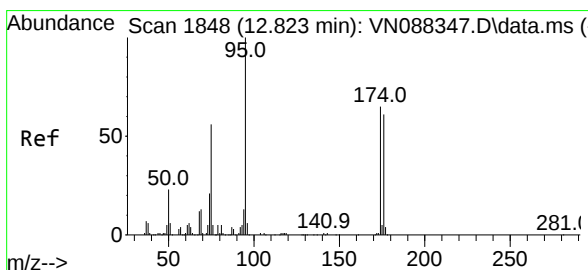
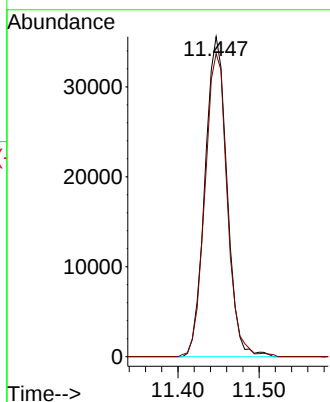
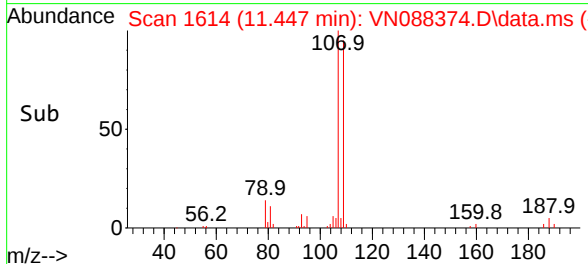
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



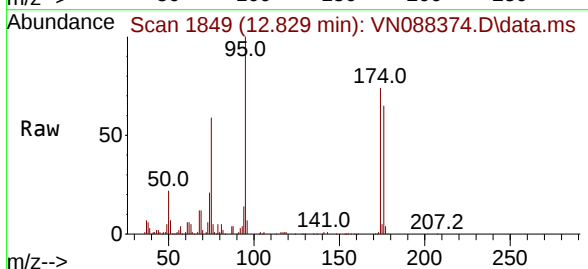
Tgt Ion:107 Resp: 66820
Ion Ratio Lower Upper
107 100
109 96.3 74.6 112.0

Manual Integrations
APPROVED

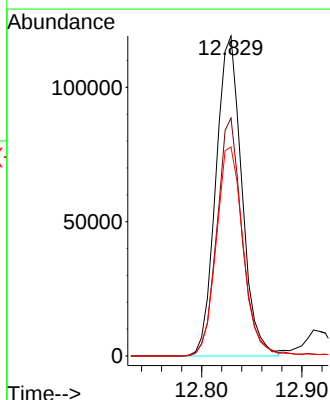
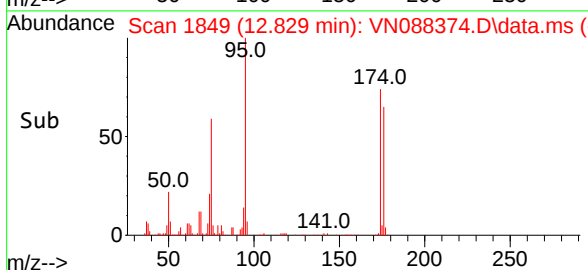
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

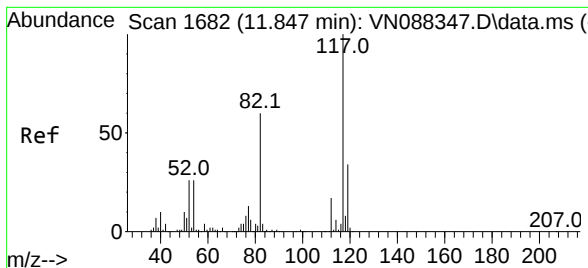


#62
4-Bromofluorobenzene
Concen: 51.080 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



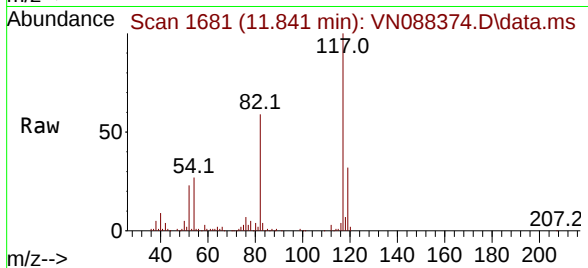
Tgt Ion: 95 Resp: 213607
Ion Ratio Lower Upper
95 100
174 72.5 0.0 139.0
176 69.0 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

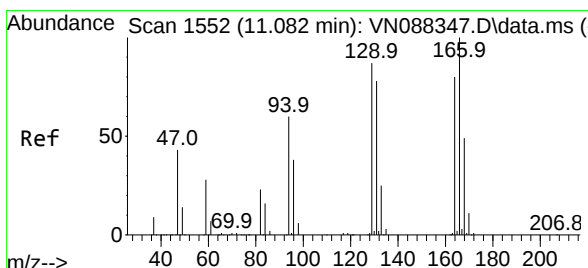
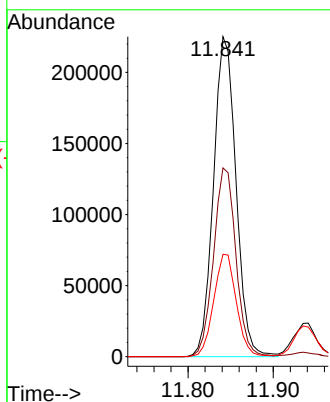
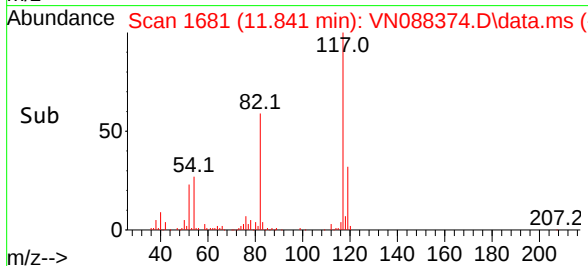
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



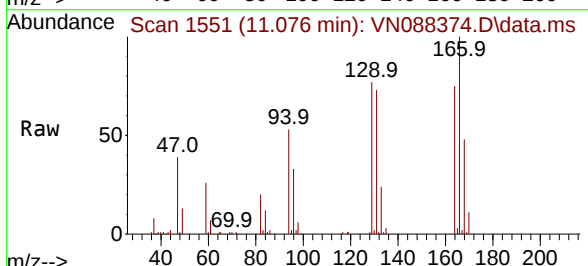
Tgt Ion:117 Resp: 413438
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 32.0 26.9 40.3

Manual Integrations
APPROVED

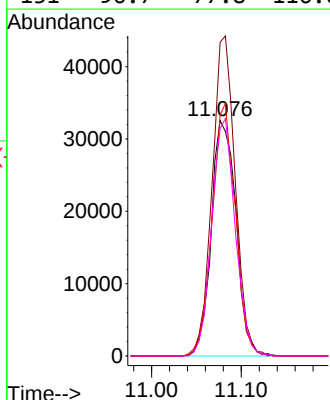
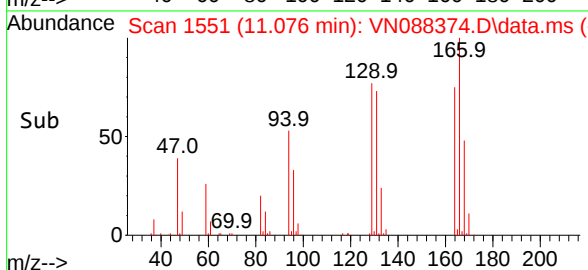
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

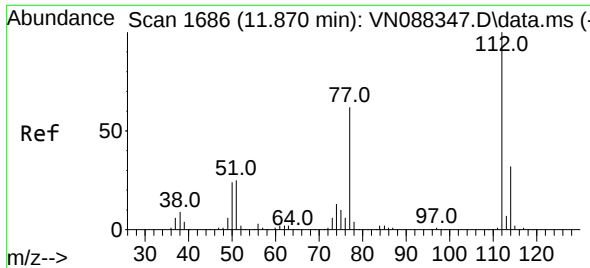


#64
Tetrachloroethene
Concen: 18.980 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



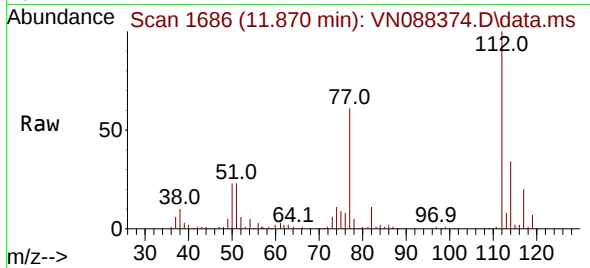
Tgt Ion:164 Resp: 62208
Ion Ratio Lower Upper
164 100
166 133.3 99.6 149.4
129 102.4 86.6 129.8
131 96.7 77.8 116.6





#65
Chlorobenzene
Concen: 19.779 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

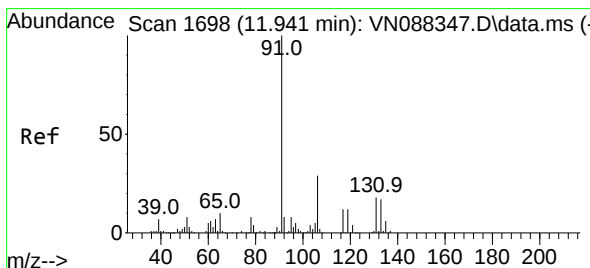
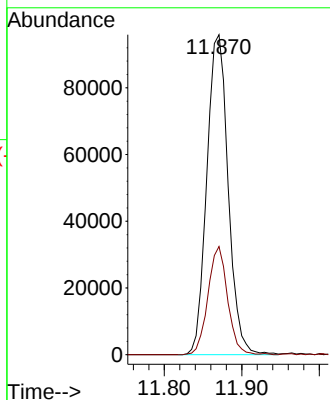
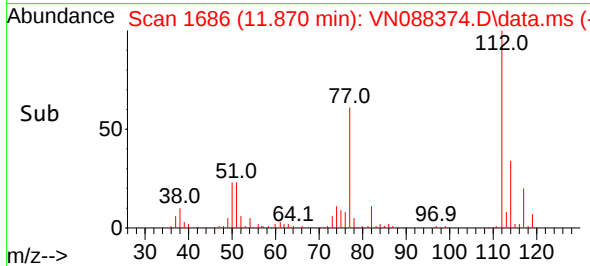
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



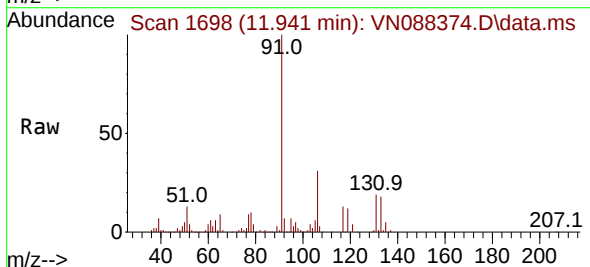
Tgt Ion:112 Resp: 183680
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.2

Manual Integrations
APPROVED

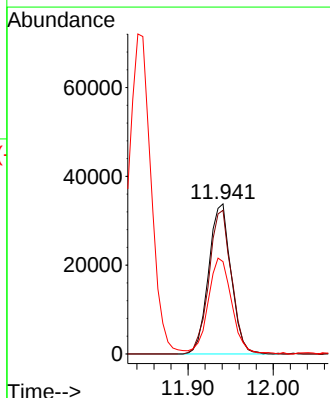
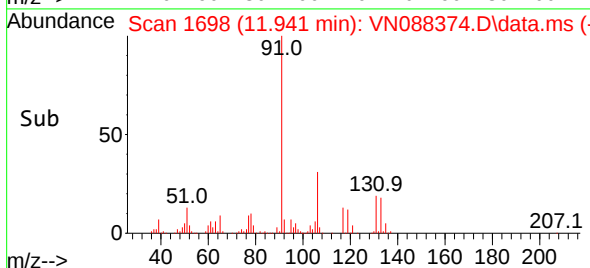
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

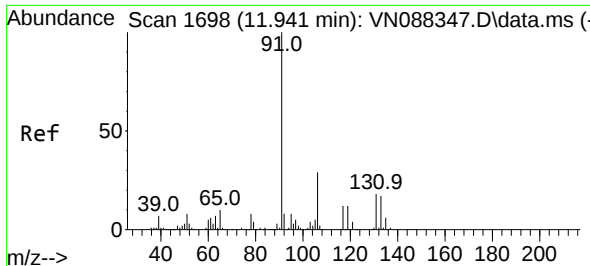


#66
1,1,1,2-Tetrachloroethane
Concen: 19.747 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



Tgt Ion:131 Resp: 61851
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 66.9 33.4 100.1





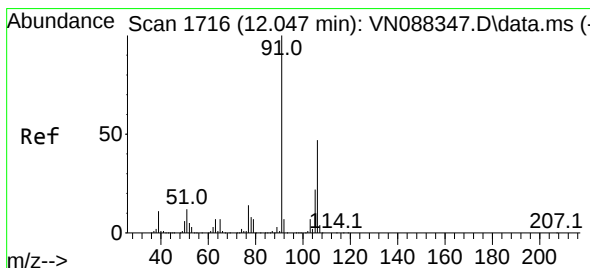
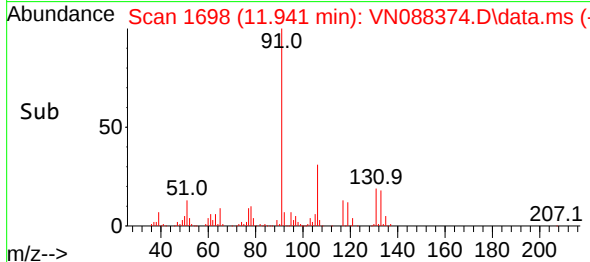
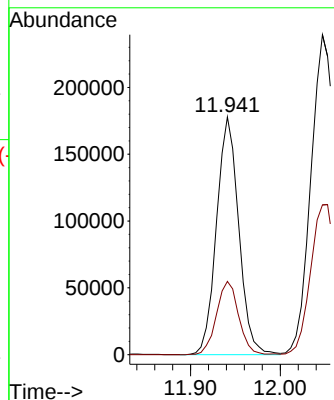
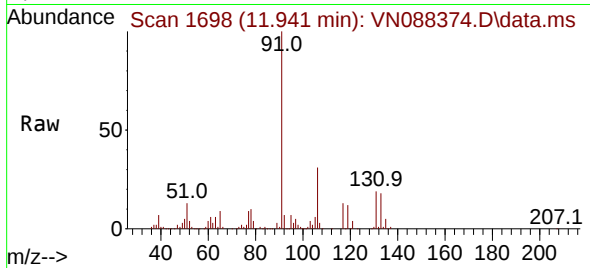
#67
Ethyl Benzene
Concen: 18.859 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion: 91 Resp: 306102
Ion Ratio Lower Upper
91 100
106 30.8 23.6 35.4

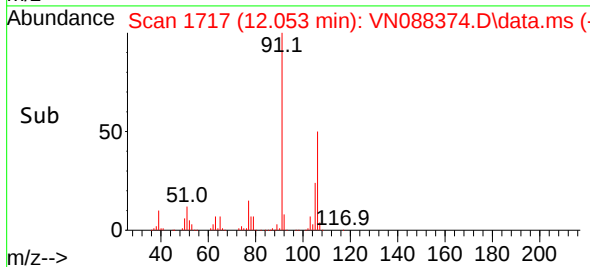
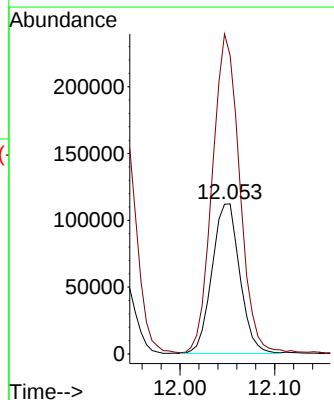
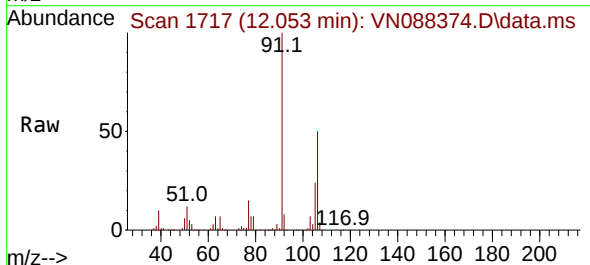
Manual Integrations
APPROVED

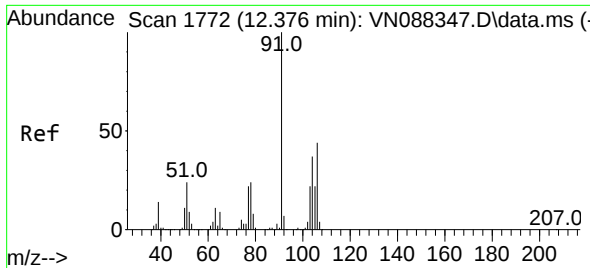
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

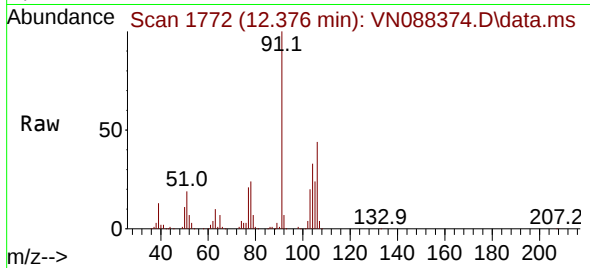
Tgt Ion:106 Resp: 227659
Ion Ratio Lower Upper
106 100
91 210.7 167.8 251.6





#69
o-Xylene
Concen: 19.155 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

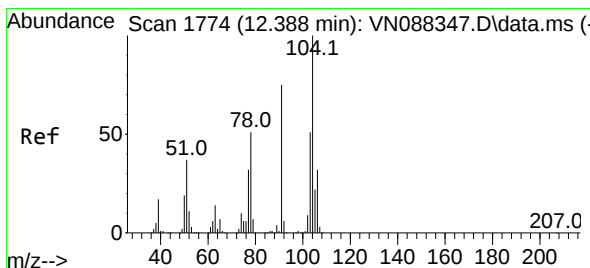
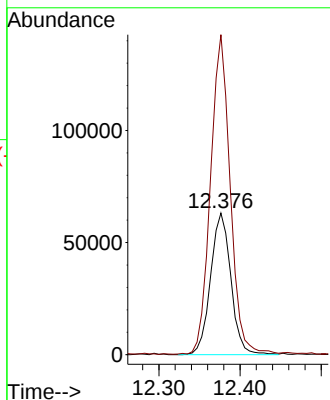
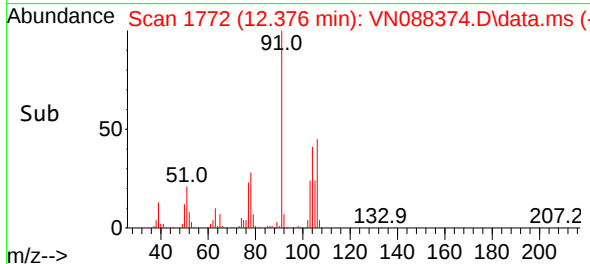
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion:106 Resp: 109890
Ion Ratio Lower Upper
106 100
91 218.0 112.9 338.7

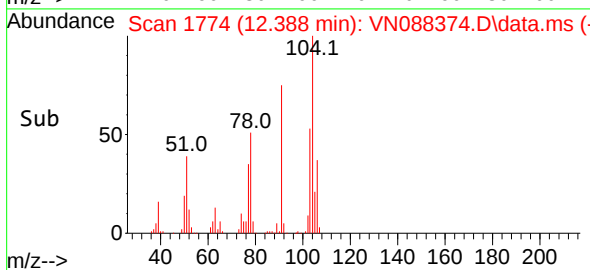
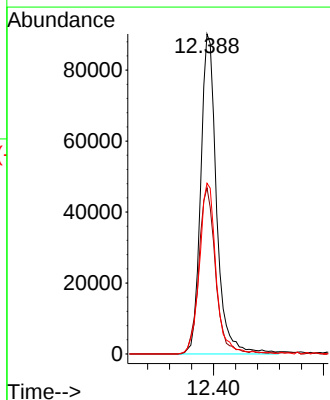
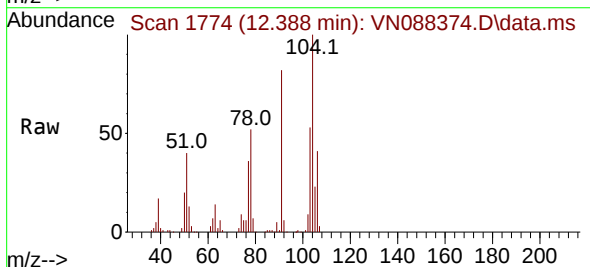
Manual Integrations
APPROVED

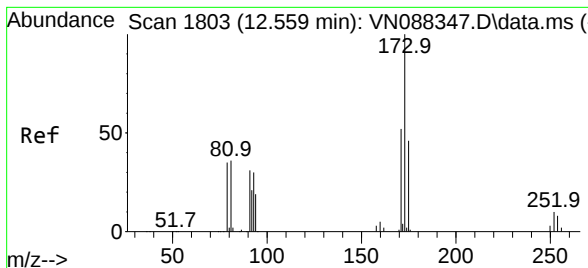
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#70
Styrene
Concen: 19.438 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

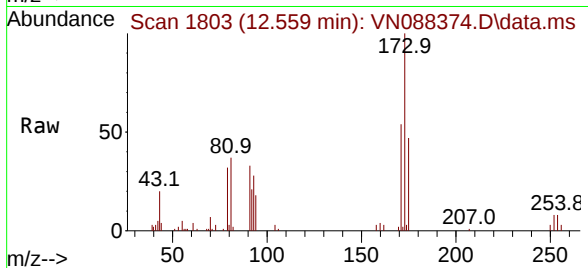
Tgt Ion:104 Resp: 181083
Ion Ratio Lower Upper
104 100
78 54.2 44.3 66.5
103 55.9 44.2 66.4





#71
Bromoform
Concen: 20.106 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

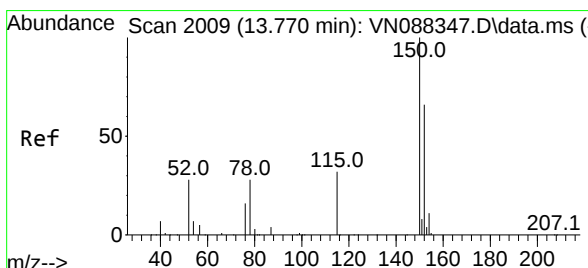
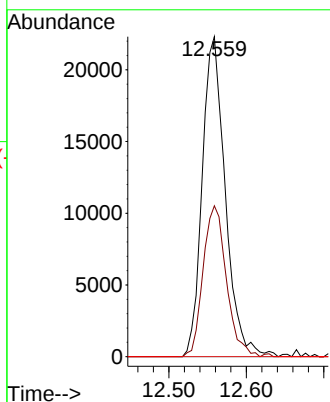
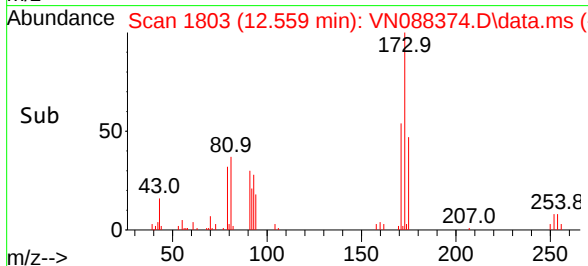
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



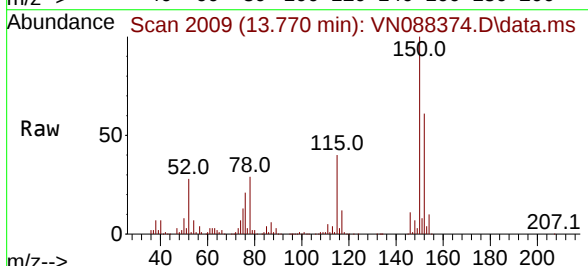
Tgt Ion:173 Resp: 4612
Ion Ratio Lower Upper
173 100
175 47.5 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

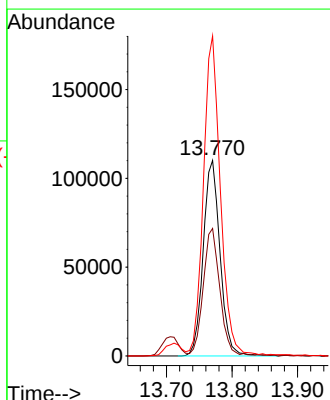
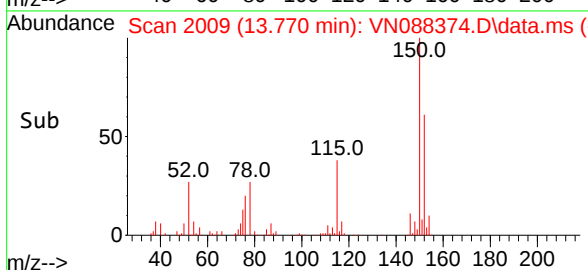
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

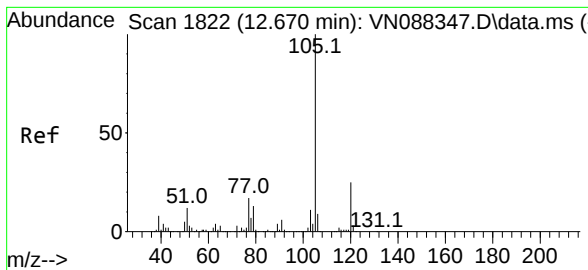


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



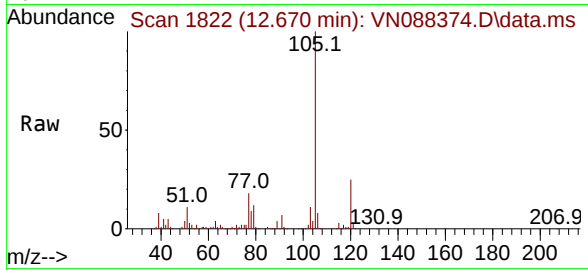
Tgt Ion:152 Resp: 196888
Ion Ratio Lower Upper
152 100
115 63.0 33.0 98.9
150 164.6 0.0 349.0





#73
Isopropylbenzene
Concen: 19.299 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

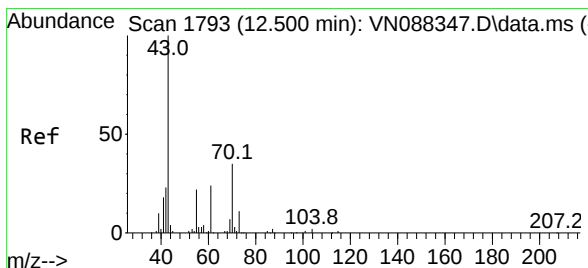
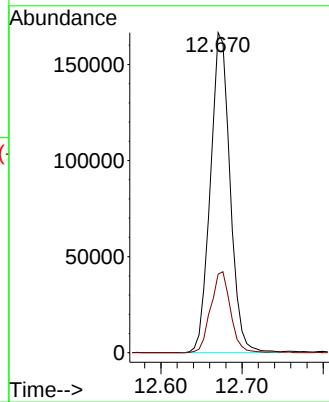
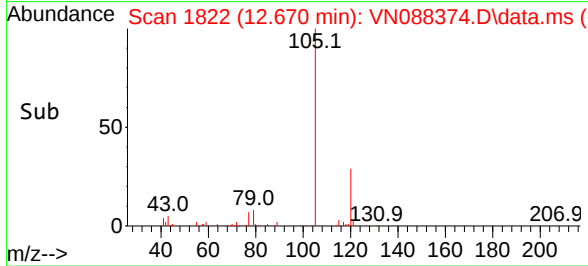
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



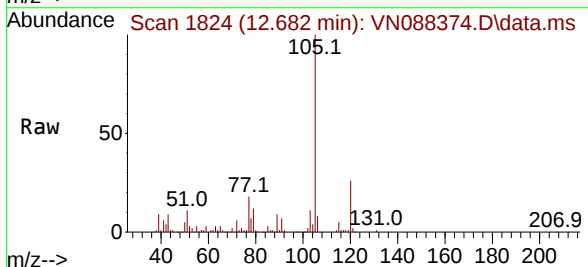
Tgt Ion:105 Resp: 280940
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

Manual Integrations
APPROVED

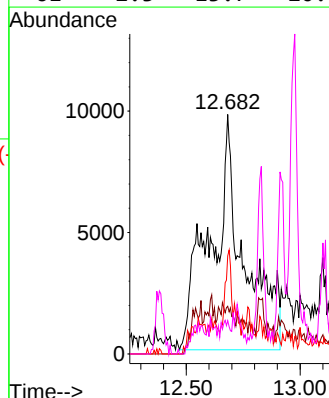
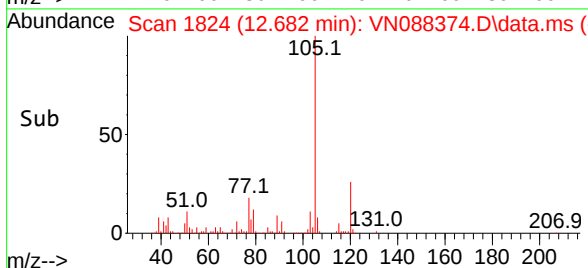
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

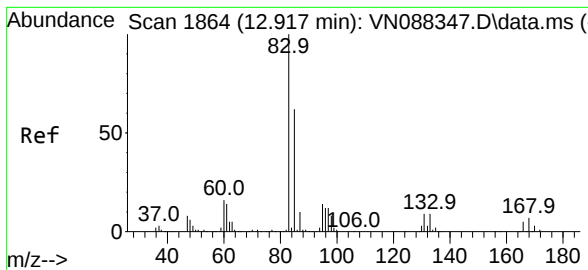


#74
N-ethyl acetate
Concen: 19.603 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



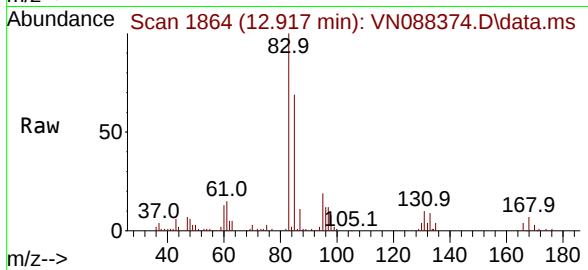
Tgt Ion: 43 Resp: 97186
Ion Ratio Lower Upper
43 100
70 4.3 28.3 42.5#
55 1.4 17.7 26.5#
61 2.3 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.534 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

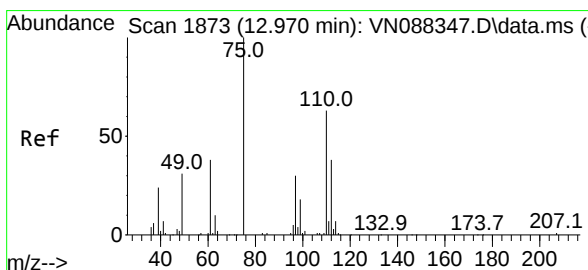
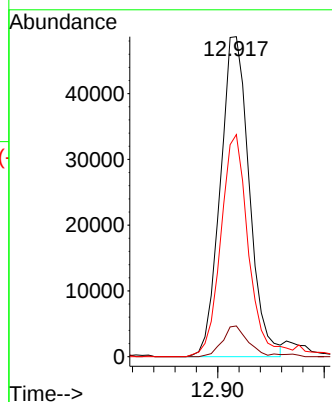
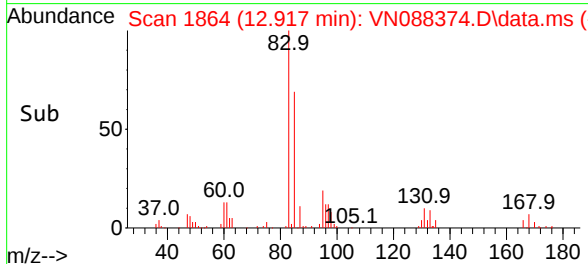
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



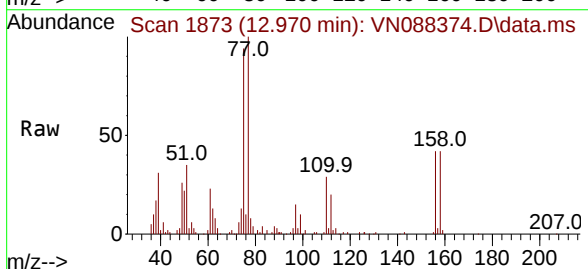
Tgt Ion: 83 Resp: 9193
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.4
85 66.3 32.1 96.5

Manual Integrations
APPROVED

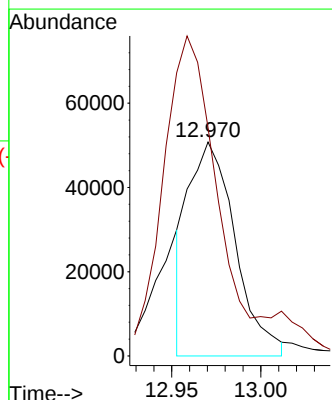
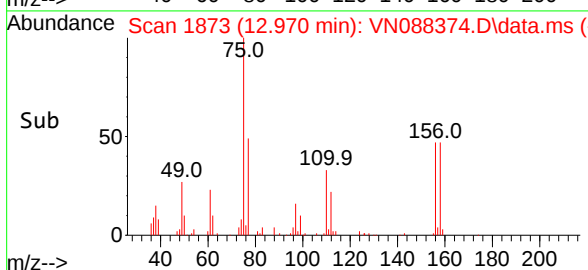
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

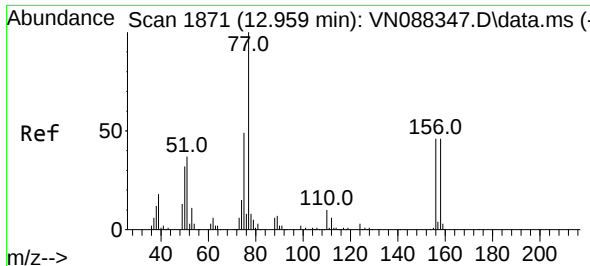


#76
1,2,3-Trichloropropane
Concen: 20.192 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



Tgt Ion: 75 Resp: 93113
Ion Ratio Lower Upper
75 100
77 175.3 87.2 261.6





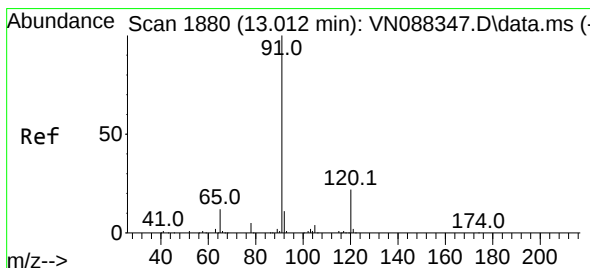
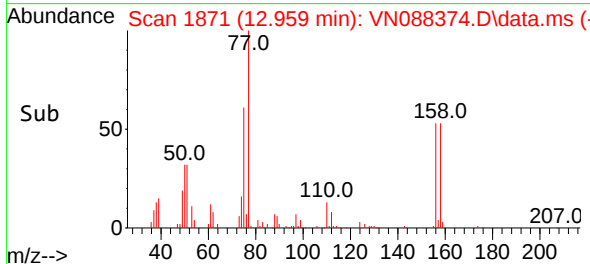
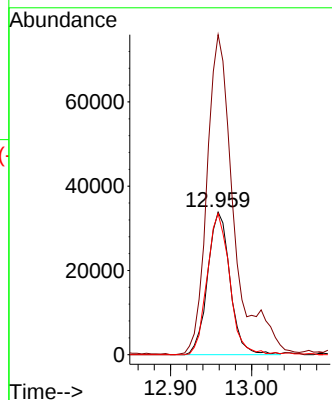
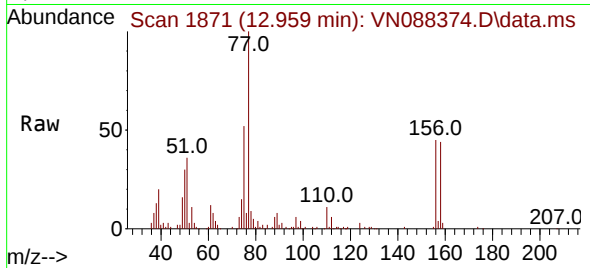
#77
Bromobenzene
Concen: 19.529 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:156 Resp: 65049
Ion Ratio Lower Upper
156 100
77 251.0 121.6 364.7
158 98.9 48.6 145.8

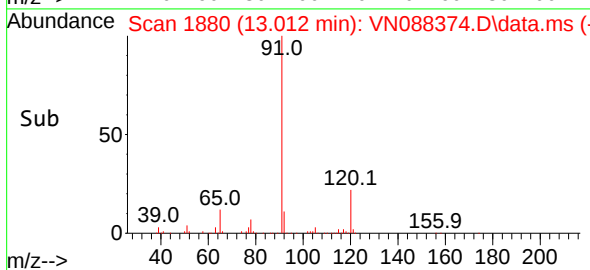
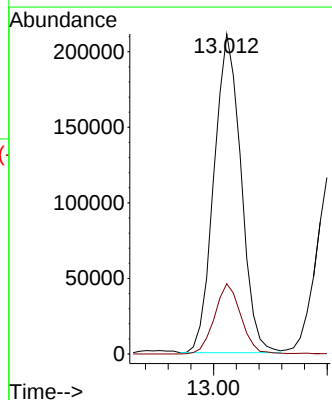
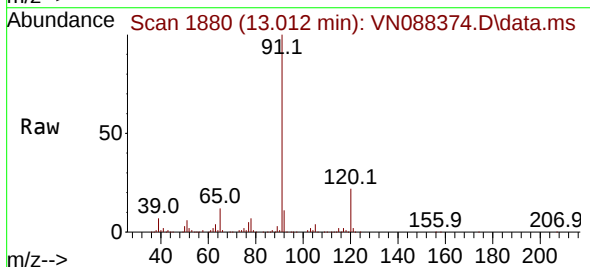
Manual Integrations
APPROVED

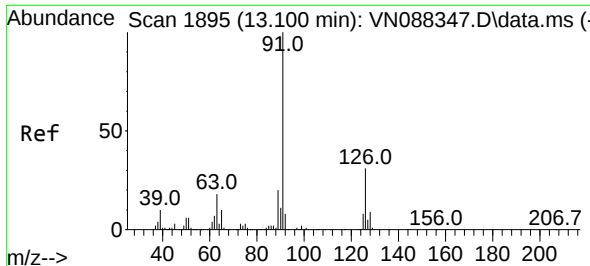
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#78
n-propylbenzene
Concen: 19.569 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

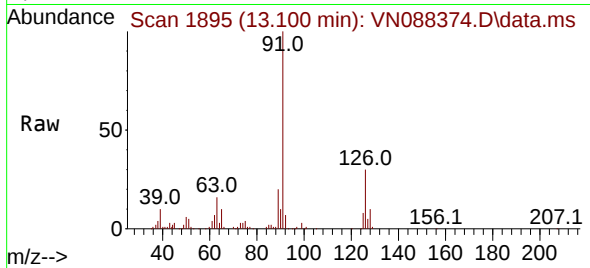
Tgt Ion: 91 Resp: 348515
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6





#79
2-Chlorotoluene
Concen: 18.783 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

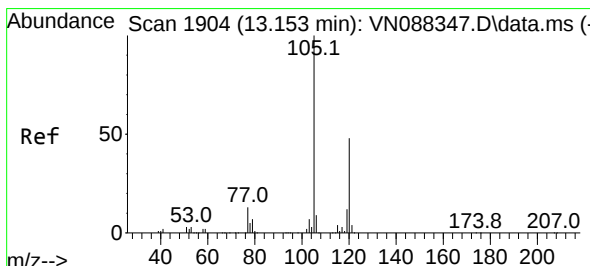
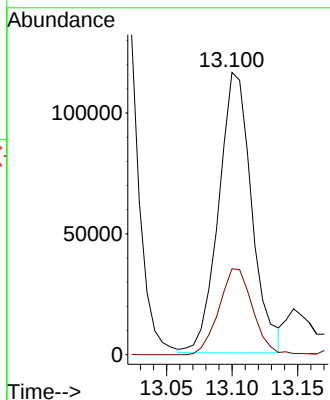
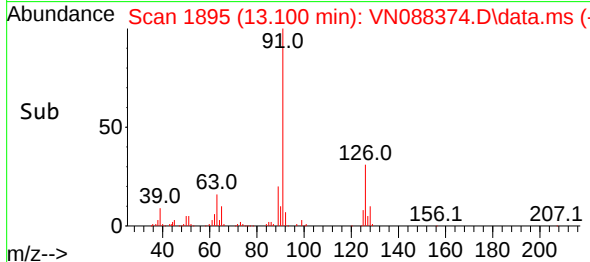
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



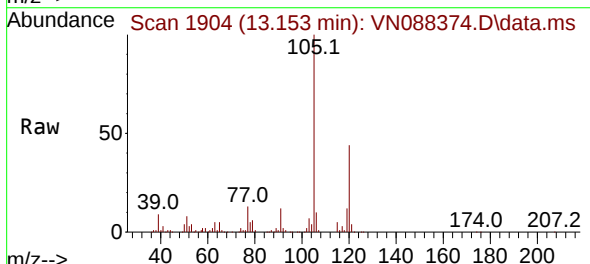
Tgt Ion: 91 Resp: 204279
Ion Ratio Lower Upper
91 100
126 31.3 15.3 45.9

Manual Integrations
APPROVED

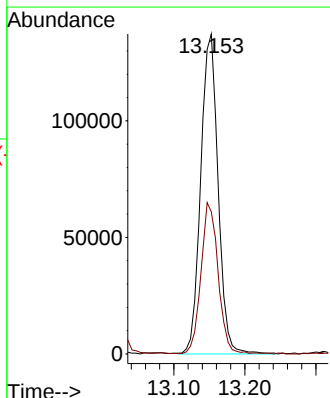
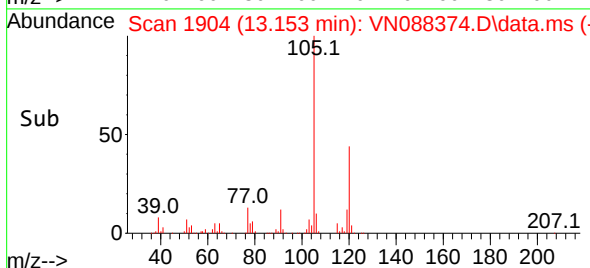
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

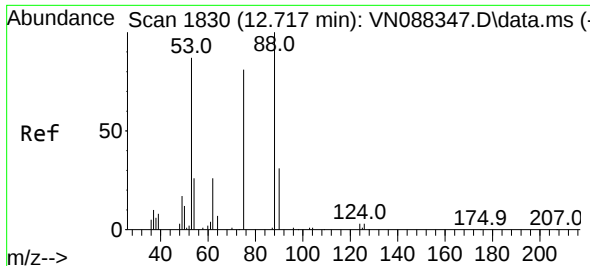


#80
1,3,5-Trimethylbenzene
Concen: 19.404 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



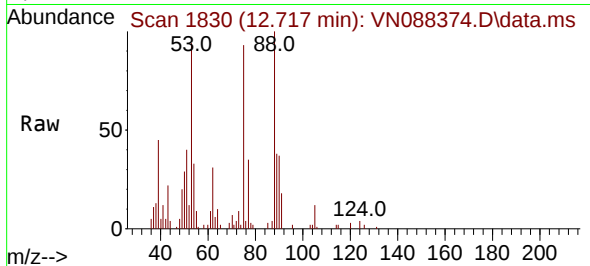
Tgt Ion:105 Resp: 234071
Ion Ratio Lower Upper
105 100
120 46.9 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.348 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

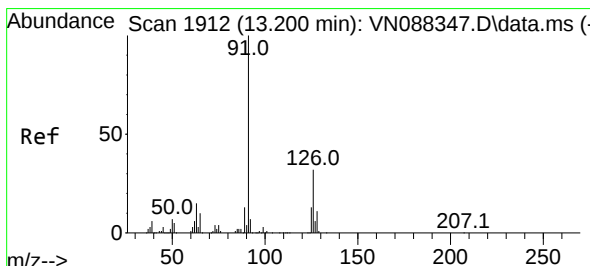
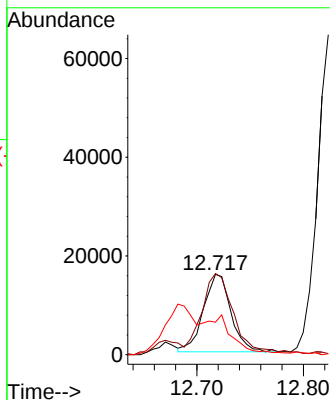
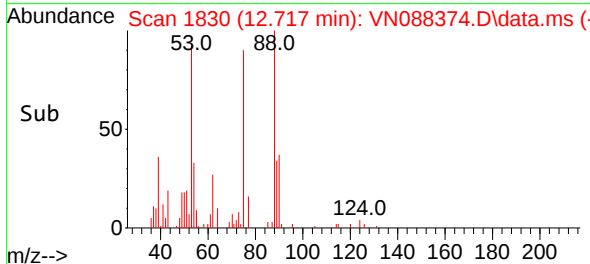
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



Tgt Ion: 75 Resp: 28199
Ion Ratio Lower Upper
75 100
53 119.8 92.2 138.4
89 0.0 0.0 0.0

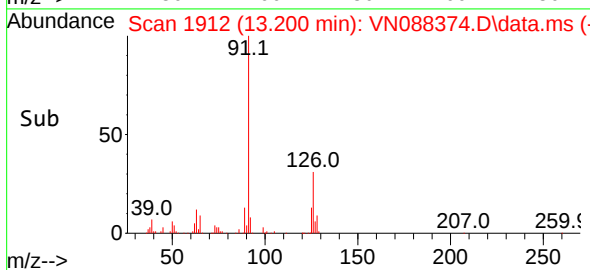
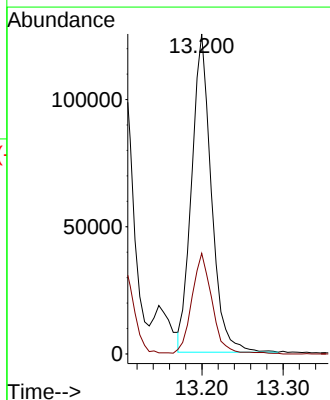
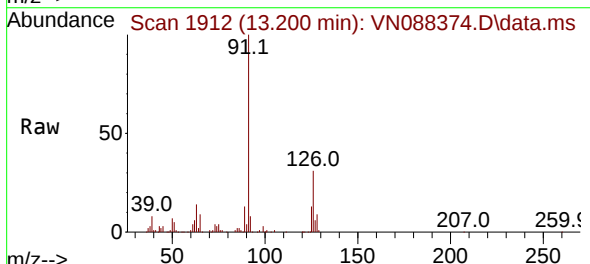
Manual Integrations
APPROVED

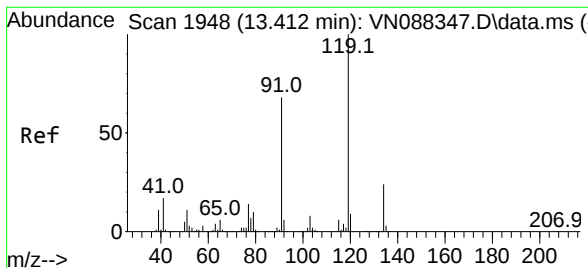
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#82
4-Chlorotoluene
Concen: 19.546 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

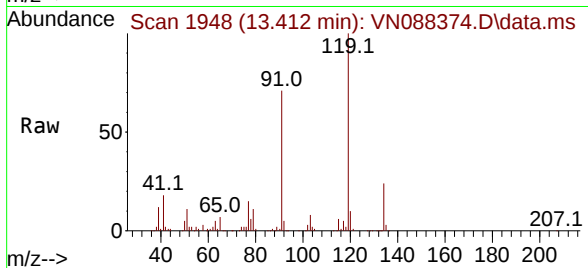
Tgt Ion: 91 Resp: 211139
Ion Ratio Lower Upper
91 100
126 32.7 15.6 46.7





#83
tert-Butylbenzene
Concen: 18.795 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

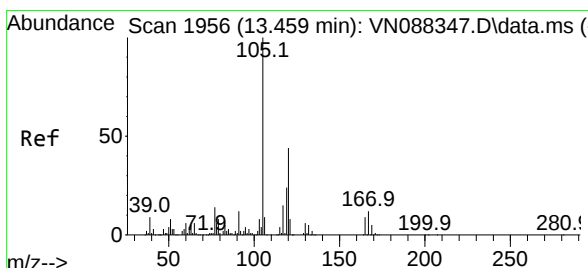
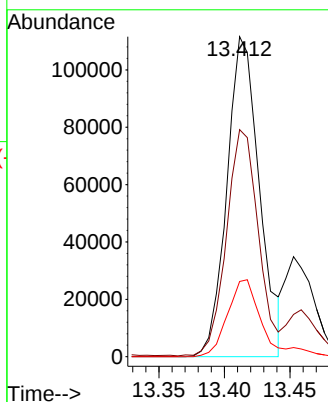
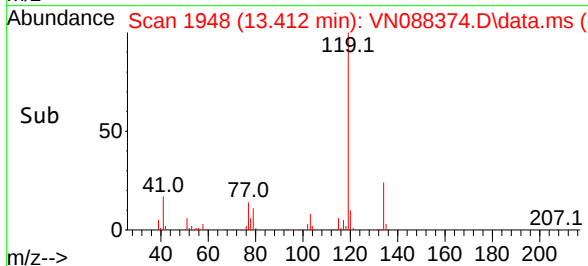
Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01



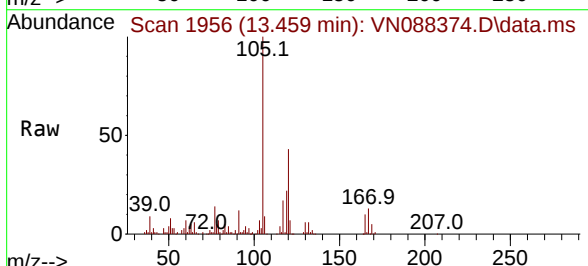
Tgt Ion:119 Resp: 192730
Ion Ratio Lower Upper
119 100
91 69.5 35.1 105.3
134 25.7 12.8 38.4

Manual Integrations
APPROVED

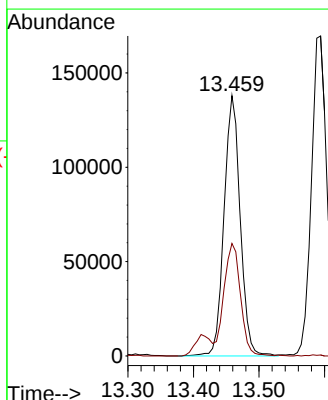
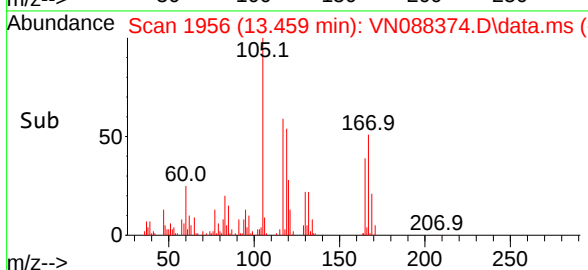
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025

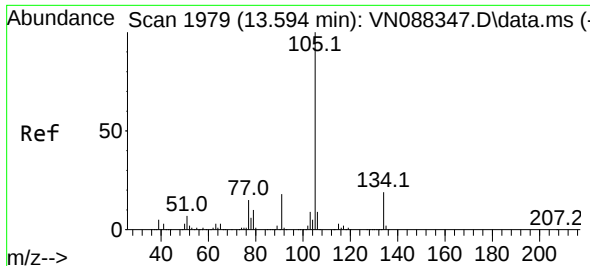


#84
1,2,4-Trimethylbenzene
Concen: 19.682 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10



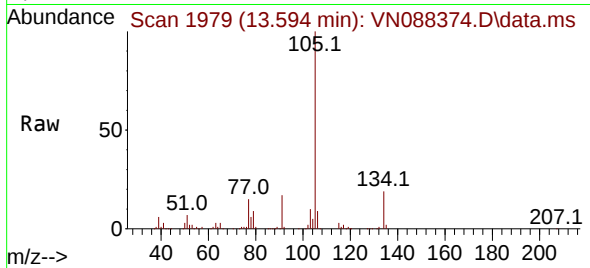
Tgt Ion:105 Resp: 235984
Ion Ratio Lower Upper
105 100
120 44.1 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 19.230 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

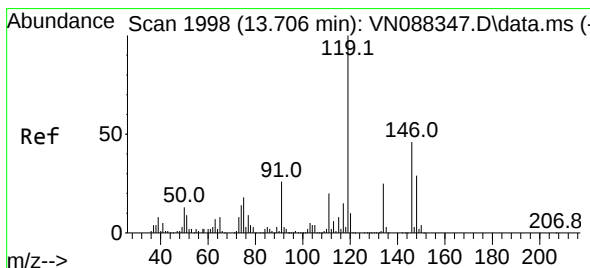
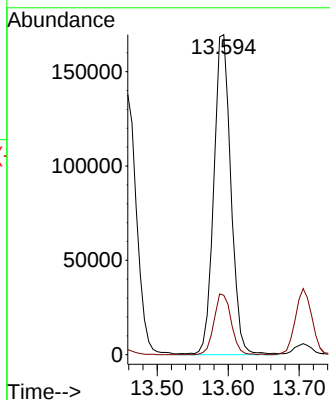
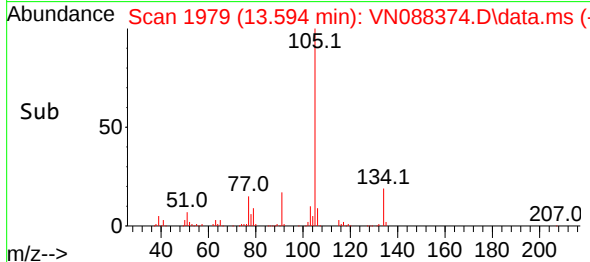
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1201WBSD01



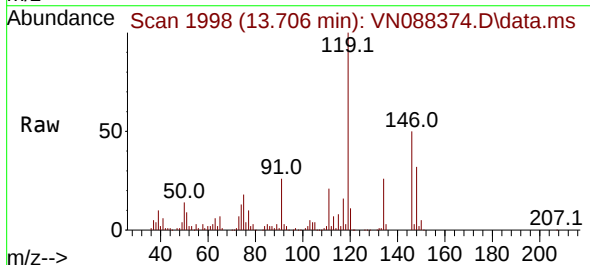
Tgt Ion:105 Resp: 283289
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.5 28.5

Manual Integrations
 APPROVED

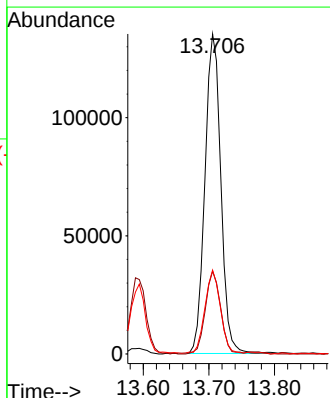
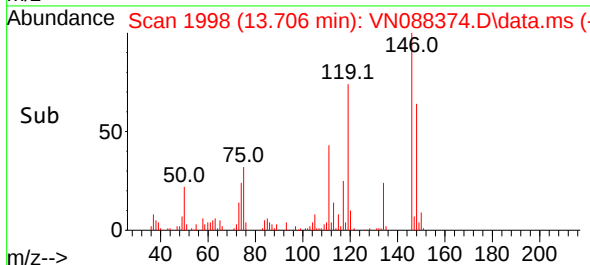
Reviewed By :John Carlone 12/02/2025
 Supervised By :Mahesh Dadoda 12/02/2025

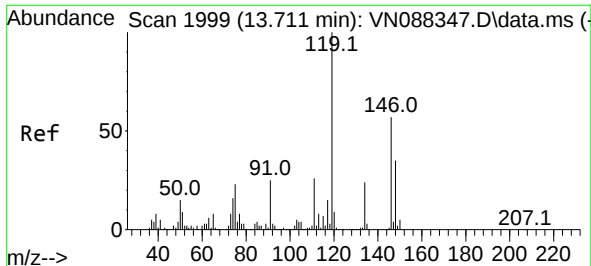


#86
 p-Isopropyltoluene
 Concen: 18.898 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10



Tgt Ion:119 Resp: 228290
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.2 36.6
 91 25.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.534 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088374.D

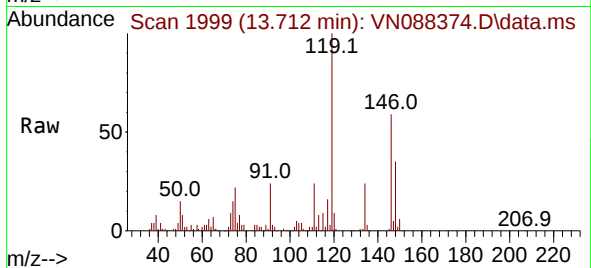
Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01



Tgt Ion:146 Resp: 12665

Ion Ratio Lower Upper

146 100

111 42.8 22.4 67.0

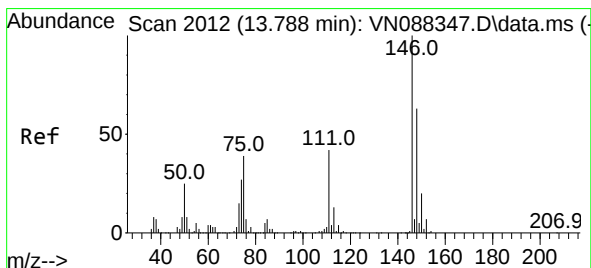
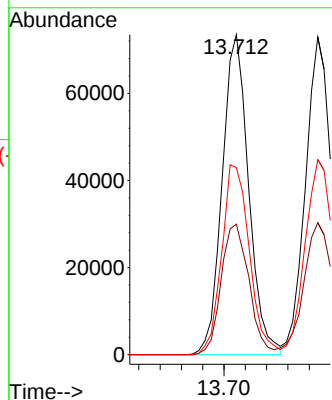
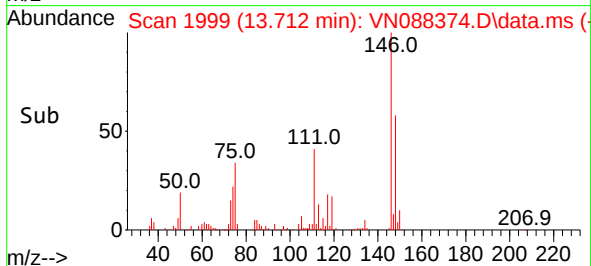
148 62.2 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#88

1,4-Dichlorobenzene

Concen: 19.042 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

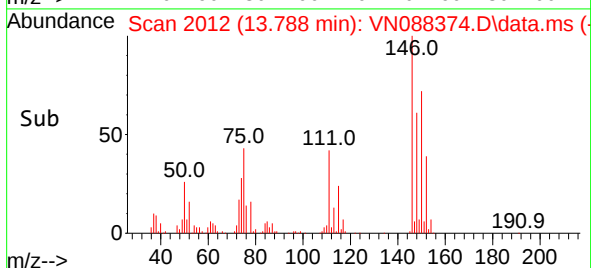
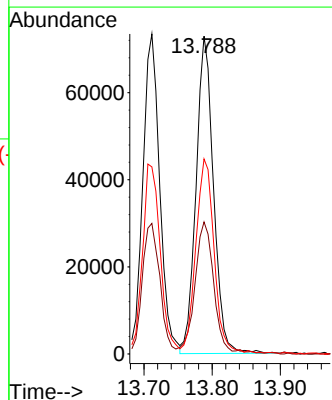
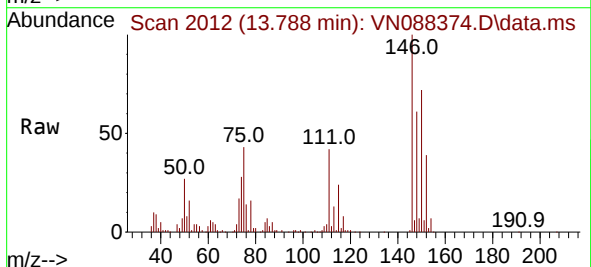
Tgt Ion:146 Resp: 129333

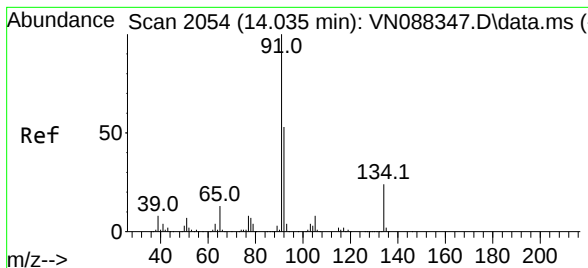
Ion Ratio Lower Upper

146 100

111 42.6 21.6 64.6

148 64.4 31.0 93.0





#89

n-Butylbenzene

Concen: 18.707 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion: 91 Resp: 21941

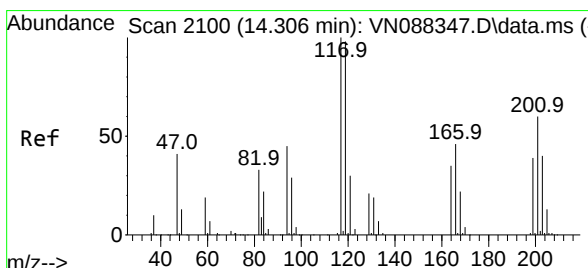
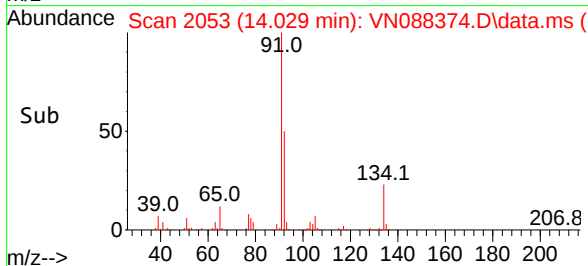
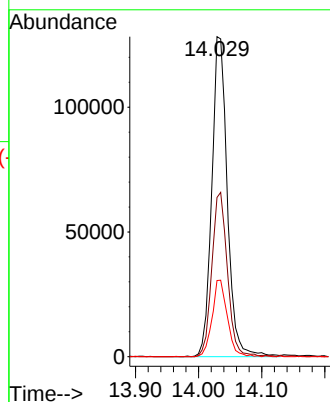
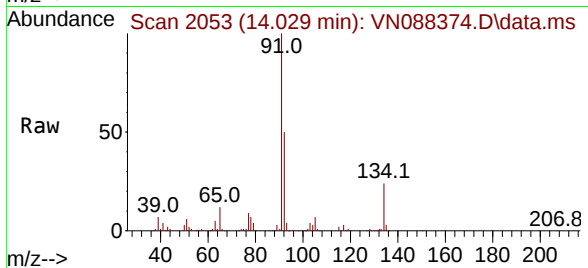
Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.3
134	23.4	11.7	35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2025

Supervised By :Mahesh Dadoda 12/02/2025



#90

Hexachloroethane

Concen: 18.946 ug/l

RT: 14.306 min Scan# 2100

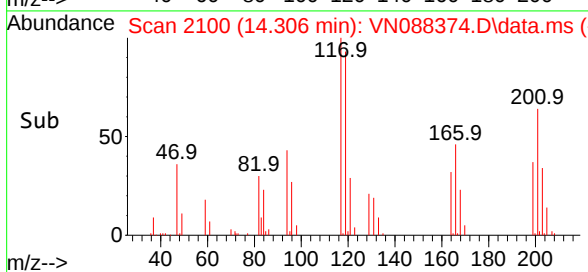
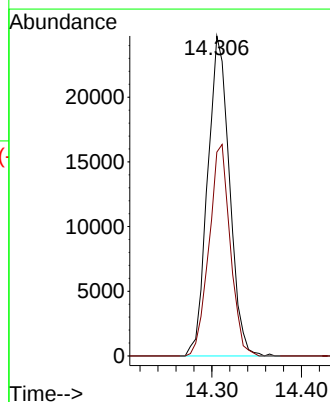
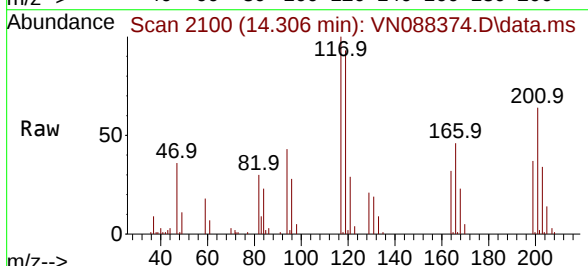
Delta R.T. 0.000 min

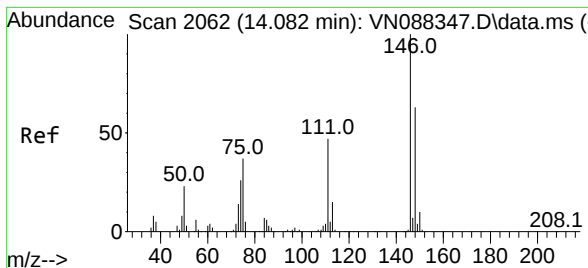
Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Tgt Ion:117 Resp: 41810

Ion	Ratio	Lower	Upper
117	100		
201	64.0	30.3	90.9





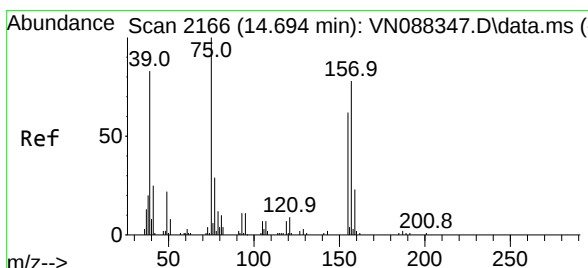
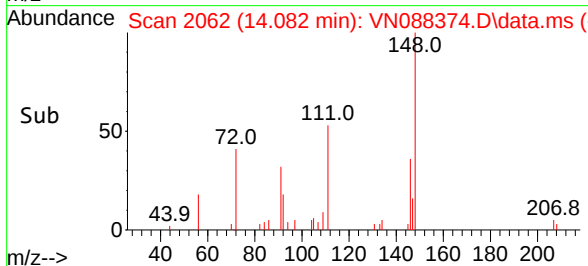
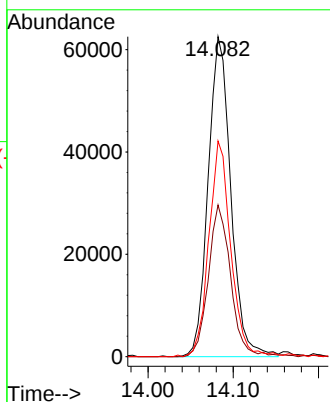
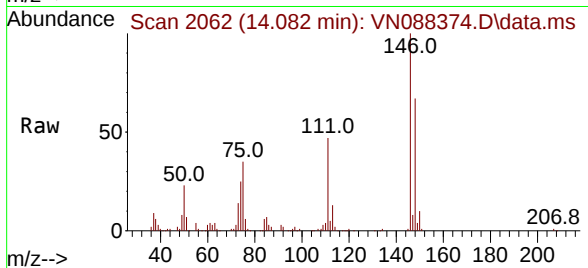
#91
1,2-Dichlorobenzene
Concen: 18.962 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Instrument :
MSVOA_N
ClientSampleId :
VN1201WBSD01

Tgt Ion:146 Resp: 11570
Ion Ratio Lower Upper
146 100
111 46.8 23.3 69.9
148 65.1 31.8 95.4

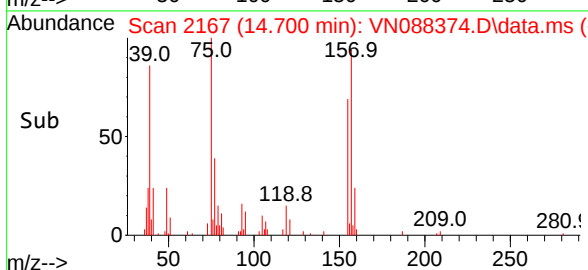
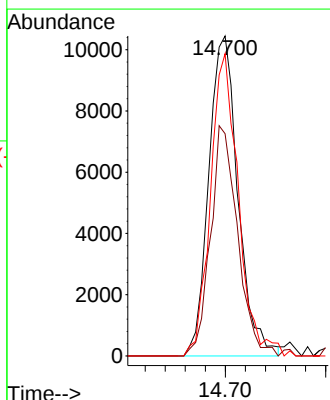
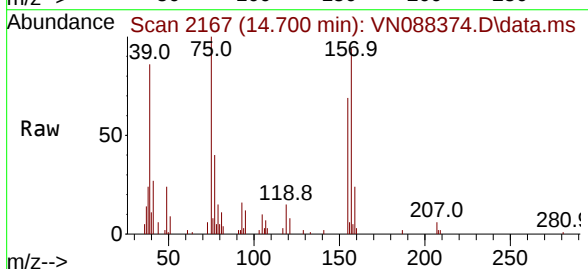
Manual Integrations
APPROVED

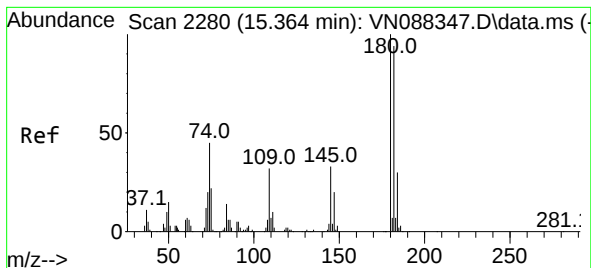
Reviewed By :John Carlone 12/02/2025
Supervised By :Mahesh Dadoda 12/02/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.481 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088374.D
Acq: 01 Dec 2025 12:10

Tgt Ion: 75 Resp: 21103
Ion Ratio Lower Upper
75 100
155 66.8 33.7 101.1
157 90.4 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.016 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

Instrument :

MSVOA_N

ClientSampleId :

VN1201WBSD01

Tgt Ion:180 Resp: 65310

Ion Ratio Lower Upper

180 100

182 98.8 46.1 138.2

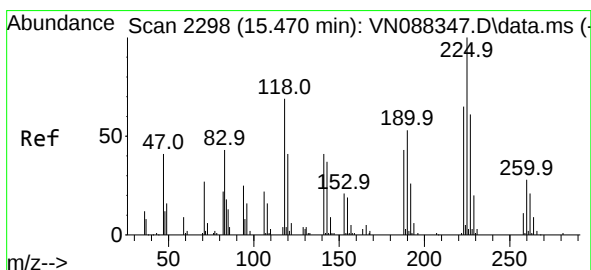
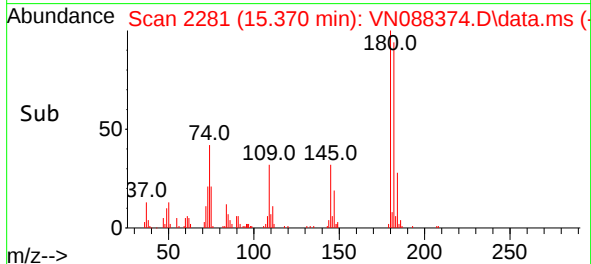
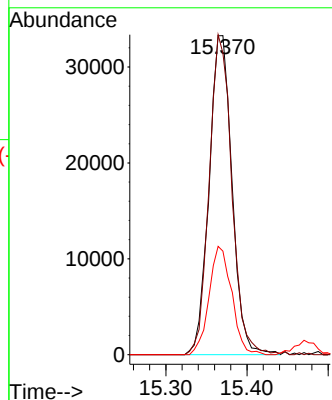
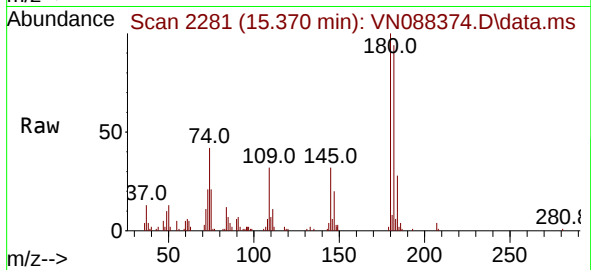
145 33.5 16.7 50.1

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#94

Hexachlorobutadiene

Concen: 18.849 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088374.D

Acq: 01 Dec 2025 12:10

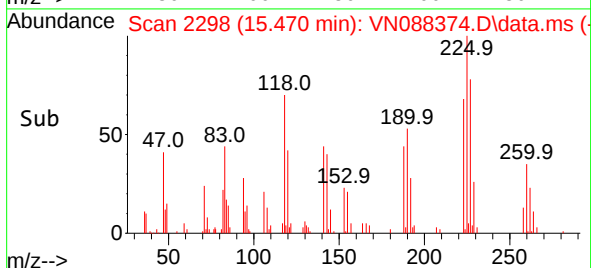
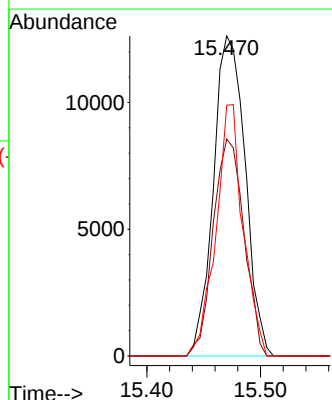
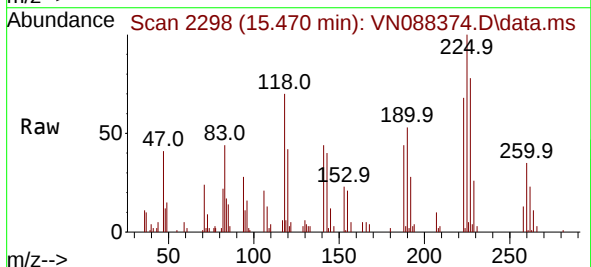
Tgt Ion:225 Resp: 24556

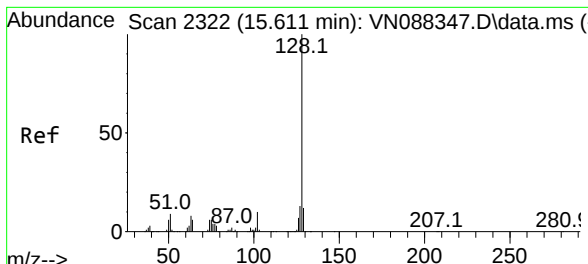
Ion Ratio Lower Upper

225 100

223 65.9 32.3 96.8

227 67.3 29.9 89.8





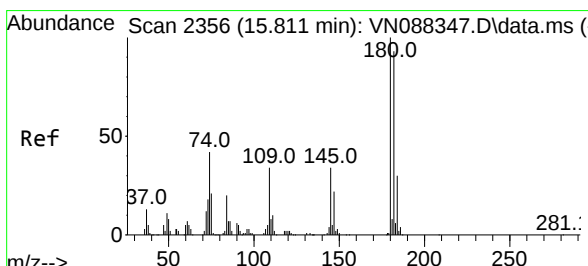
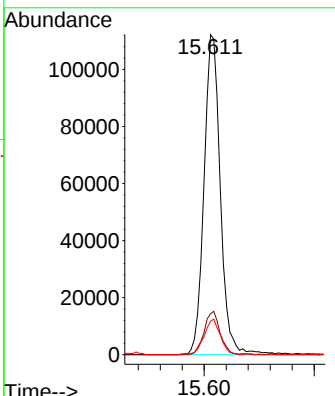
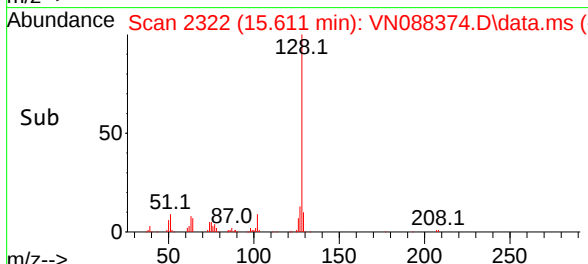
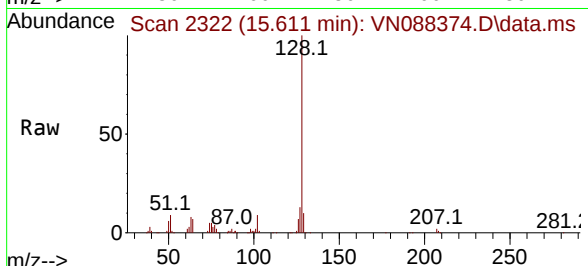
#95
 Naphthalene
 Concen: 18.400 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

Instrument : MSVOA_N
 ClientSampleId : VN1201WBSD01

Tgt Ion:	128	Resp:	231154
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.9	9.0	13.6

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#96
 1,2,3-Trichlorobenzene
 Concen: 19.114 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088374.D
 Acq: 01 Dec 2025 12:10

Tgt Ion:	180	Resp:	67438
Ion Ratio	Lower	Upper	
180	100		
182	94.4	45.9	137.7
145	35.6	17.8	53.4

