

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088474.D
 Acq On : 09 Dec 2025 12:51
 Operator : JC\MD
 Sample : VN1209MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/11/2025

Quant Time: Dec 10 05:04:34 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	8.200	168	227429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	428540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	382331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	181539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	249926	58.335	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.680%			
35) Dibromofluoromethane	8.147	113	164303	55.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.660%			
50) Toluene-d8	10.541	98	586278	53.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	12.823	95	200629	52.917	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.840%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72820	21.317	ug/l	97
3) Chloromethane	2.383	50	79525	21.676	ug/l	98
4) Vinyl Chloride	2.542	62	75327	20.182	ug/l	97
5) Bromomethane	2.983	94	39084	21.757	ug/l	91
6) Chloroethane	3.148	64	49145	21.277	ug/l	96
7) Trichlorofluoromethane	3.518	101	114459	21.819	ug/l	89
8) Diethyl Ether	3.959	74	43812	22.252	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	61922	22.173	ug/l	99
10) Methyl Iodide	4.589	142	51139	18.498	ug/l	94
11) Tert butyl alcohol	5.500	59	60289	88.140	ug/l	97
12) 1,1-Dichloroethene	4.342	96	57475	20.714	ug/l	93
13) Acrolein	4.177	56	55735	85.109	ug/l	99
14) Allyl chloride	5.018	41	110312	21.450	ug/l	98
15) Acrylonitrile	5.706	53	219860	111.405	ug/l	98
16) Acetone	4.418	43	156637	101.093	ug/l	98
17) Carbon Disulfide	4.712	76	181506	20.018	ug/l	99
18) Methyl Acetate	5.018	43	106878	23.173	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	234407	22.549	ug/l	100
20) Methylene Chloride	5.265	84	73684	22.227	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	65282	21.239	ug/l	89
22) Diisopropyl ether	6.647	45	255787	23.296	ug/l	89
23) Vinyl Acetate	6.588	43	988452m	111.739	ug/l	
24) 1,1-Dichloroethane	6.553	63	139641	22.458	ug/l	99
25) 2-Butanone	7.465	43	264652	106.248	ug/l	100
26) 2,2-Dichloropropane	7.471	77	123953	23.096	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	75785	21.216	ug/l	94
28) Bromochloromethane	7.794	49	65531	21.157	ug/l	99
29) Tetrahydrofuran	7.818	42	200635	112.297	ug/l	97
30) Chloroform	7.947	83	143040	23.412	ug/l	98
31) Cyclohexane	8.241	56	116187	20.620	ug/l	86
32) 1,1,1-Trichloroethane	8.147	97	121743	22.663	ug/l	95
36) 1,1-Dichloropropene	8.353	75	91060	19.868	ug/l	99
37) Ethyl Acetate	7.535	43	123362	20.470	ug/l	98
38) Carbon Tetrachloride	8.341	117	101531	22.253	ug/l	92
39) Methylcyclohexane	9.576	83	91447	18.653	ug/l	91
40) Benzene	8.582	78	287129	21.345	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	66730	22.356	ug/l	97
42) 1,2-Dichloroethane	8.647	62	122331	23.836	ug/l	100
43) Isopropyl Acetate	8.665	43	197354	21.434	ug/l	100
44) Trichloroethene	9.329	130	63588	20.006	ug/l	93
45) 1,2-Dichloropropane	9.600	63	78679	22.828	ug/l	97
46) Dibromomethane	9.688	93	54290	22.072	ug/l	98
47) Bromodichloromethane	9.865	83	114487	22.812	ug/l	94
48) Methyl methacrylate	9.659	41	89015	21.188	ug/l	96
49) 1,4-Dioxane	9.677	88	17737	331.979	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	613282	112.999	ug/l	100
52) Toluene	10.606	92	176214	22.686	ug/l	95
53) t-1,3-Dichloropropene	10.812	75	109477	21.252	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	121017	22.339	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69411	23.097	ug/l	95
56) Ethyl methacrylate	10.853	69	104150	21.940	ug/l	98
57) 1,3-Dichloropropane	11.135	76	120063	22.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	263107	96.138	ug/l	98
59) 2-Hexanone	11.176	43	372869	109.059	ug/l	99
60) Dibromochloromethane	11.335	129	75614	22.071	ug/l	97
61) 1,2-Dibromoethane	11.441	107	67506	22.182	ug/l	98
64) Tetrachloroethene	11.076	164	54571	18.004	ug/l	95
65) Chlorobenzene	11.870	112	184465	21.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65424	22.588	ug/l	99
67) Ethyl Benzene	11.941	91	305919	20.381	ug/l	99
68) m/p-Xylenes	12.047	106	230653	41.446	ug/l	97
69) o-Xylene	12.376	106	105705	19.923	ug/l	97
70) Styrene	12.388	104	187751	21.794	ug/l	99
71) Bromoform	12.559	173	47080	22.192	ug/l #	99
73) Isopropylbenzene	12.670	105	276195	20.577	ug/l	99
74) N-amyl acetate	12.682	43	97633m	21.358	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.912	83	100971	23.269	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	93516m	21.994	ug/l	
77) Bromobenzene	12.959	156	66985	21.811	ug/l	99
78) n-propylbenzene	13.012	91	341734	20.811	ug/l	98
79) 2-Chlorotoluene	13.100	91	210593	21.001	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	233042	20.952	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	32852	21.919	ug/l #	93
82) 4-Chlorotoluene	13.200	91	222207	22.310	ug/l	98
83) tert-Butylbenzene	13.412	119	178966	18.928	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	234343	21.197	ug/l	98
85) sec-Butylbenzene	13.588	105	264546	19.476	ug/l	99
86) p-Isopropyltoluene	13.706	119	215804	19.375	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	128185	21.441	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	130926	20.907	ug/l	99
89) n-Butylbenzene	14.029	91	203585	18.825	ug/l	99
90) Hexachloroethane	14.306	117	39972	19.645	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	120055	21.339	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20221	19.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	61831	18.497	ug/l	99
94) Hexachlorobutadiene	15.470	225	21136	17.595	ug/l	96
95) Naphthalene	15.611	128	211703	18.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	59555	18.306	ug/l	98

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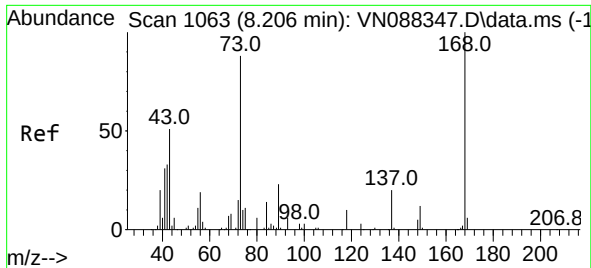
Manual Integrations
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Response via : Initial Calibration

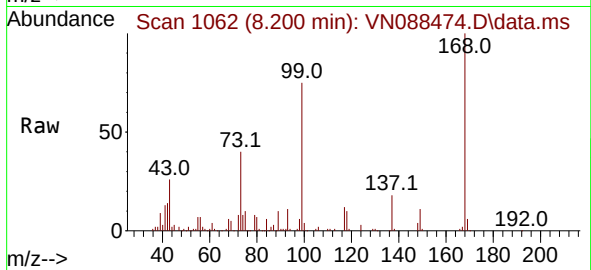
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
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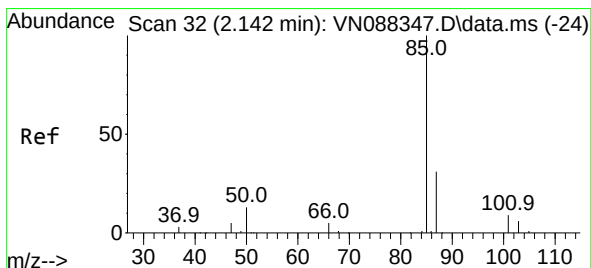
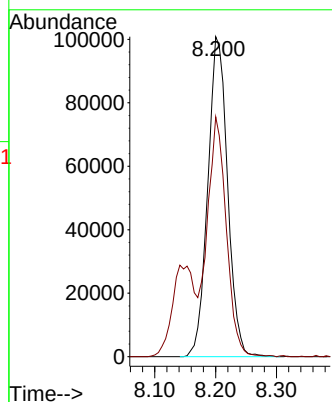
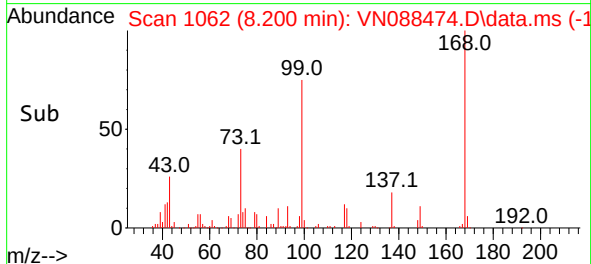
Instrument :
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VN1209MBS01



Tgt Ion:168 Resp: 227429
Ion Ratio Lower Upper
168 100
99 74.7 57.1 85.7

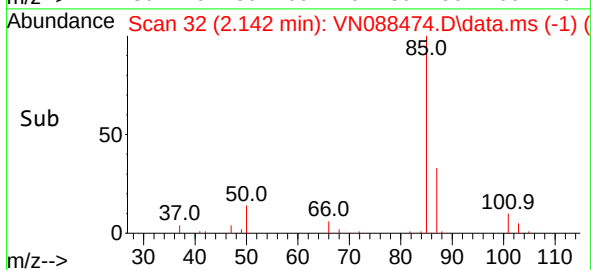
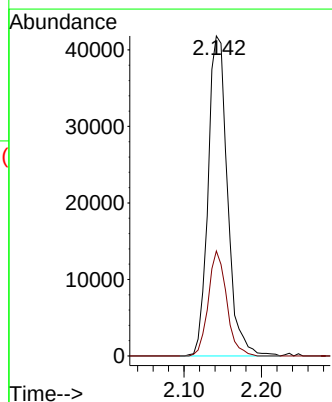
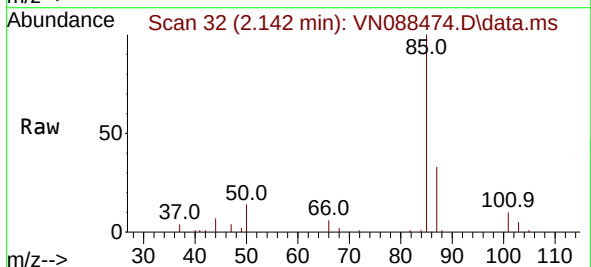
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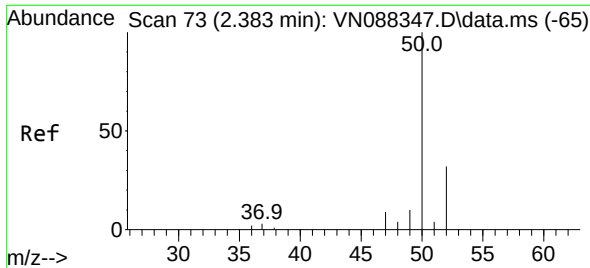
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#2
Dichlorodifluoromethane
Concen: 21.317 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 85 Resp: 72820
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.7





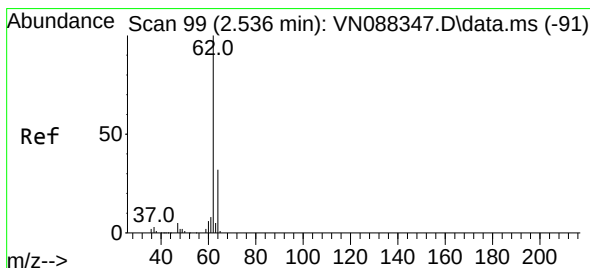
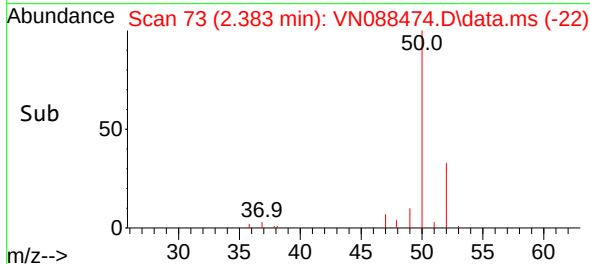
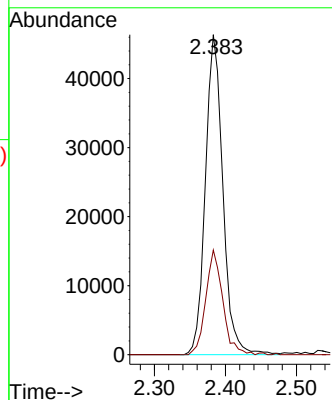
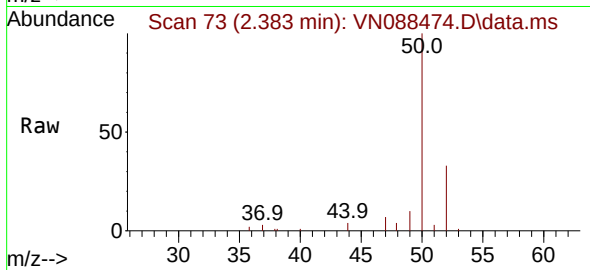
#3
Chloromethane
Concen: 21.676 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088474.D
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Tgt Ion: 50 Resp: 7952
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8

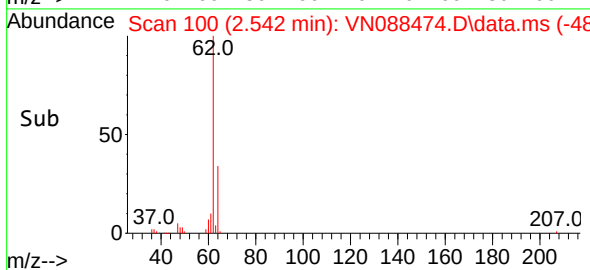
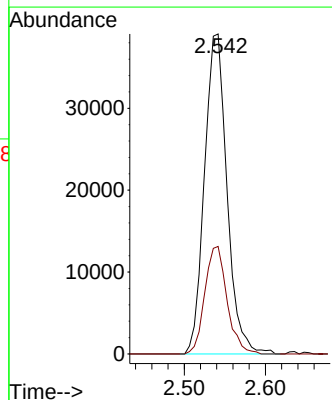
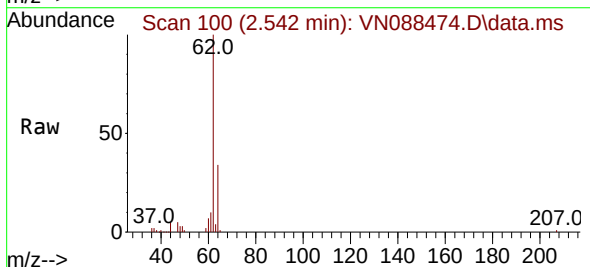
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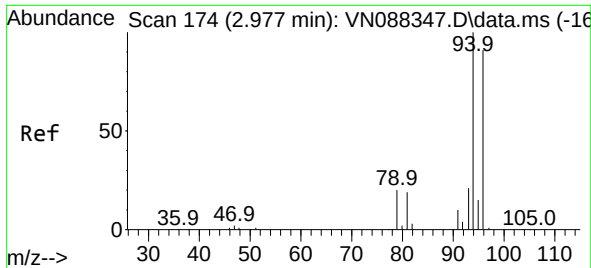
Reviewed By :John Carlone 12/10/2025
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#4
Vinyl Chloride
Concen: 20.182 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088474.D
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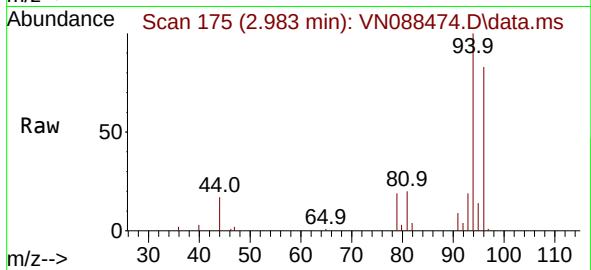
Tgt Ion: 62 Resp: 75327
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.2





#5
Bromomethane
Concen: 21.757 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088474.D
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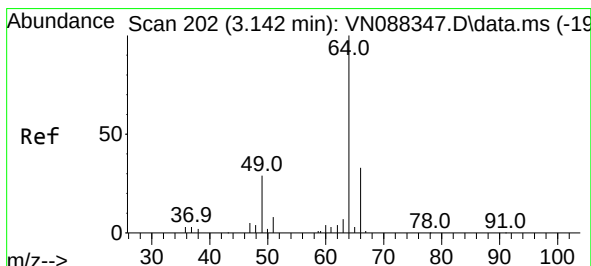
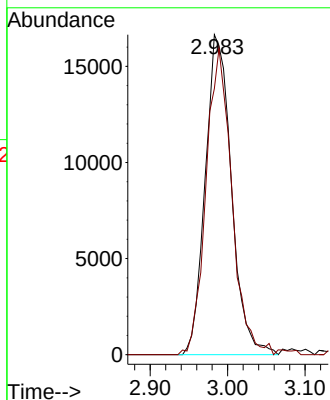
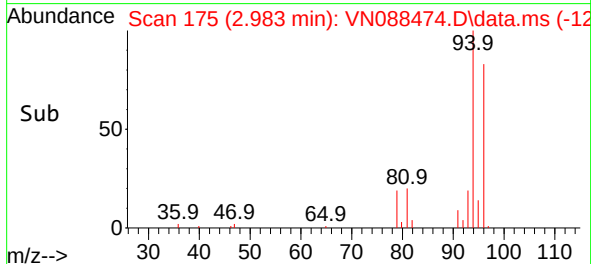
Instrument :
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Tgt Ion: 94 Resp: 39084
Ion Ratio Lower Upper
94 100
96 83.1 73.2 109.8

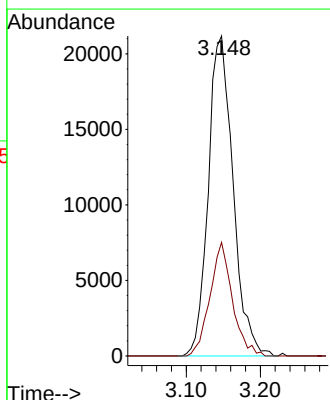
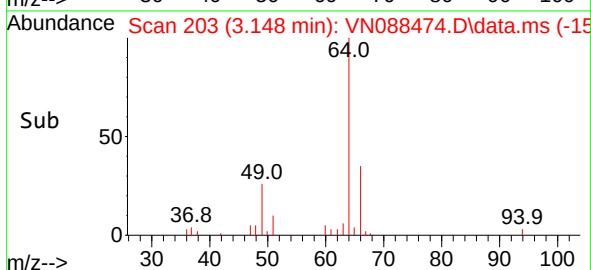
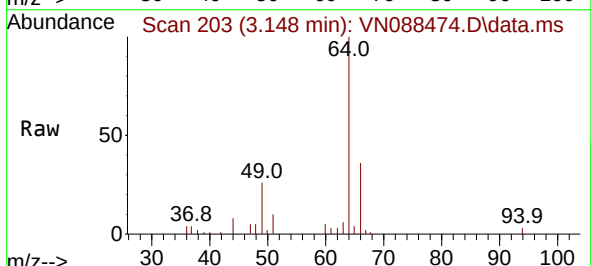
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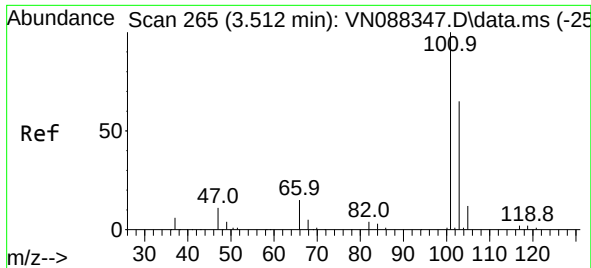
Reviewed By :John Carlone 12/10/2025
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#6
Chloroethane
Concen: 21.277 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088474.D
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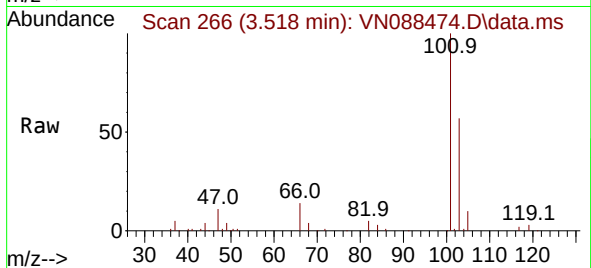
Tgt Ion: 64 Resp: 49145
Ion Ratio Lower Upper
64 100
66 35.5 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.819 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088474.D
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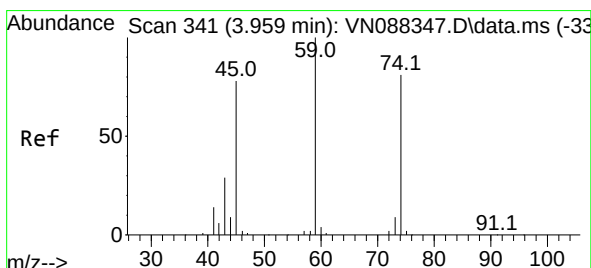
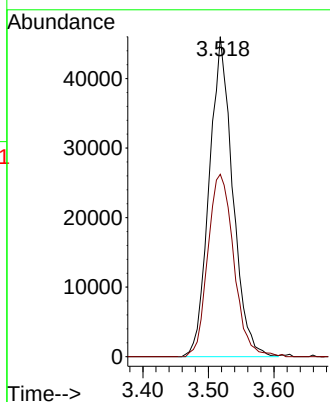
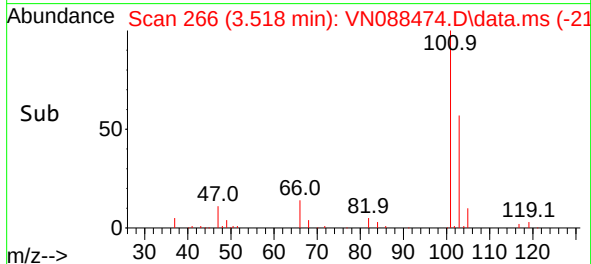
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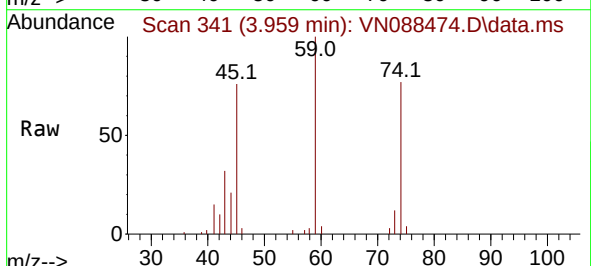
Tgt Ion:101 Resp: 11445
Ion Ratio Lower Upper
101 100
103 57.0 52.3 78.5

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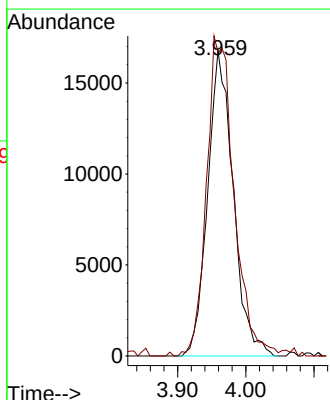
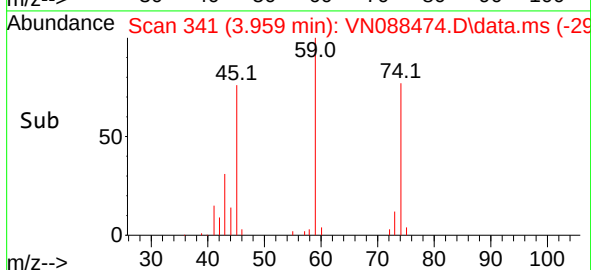
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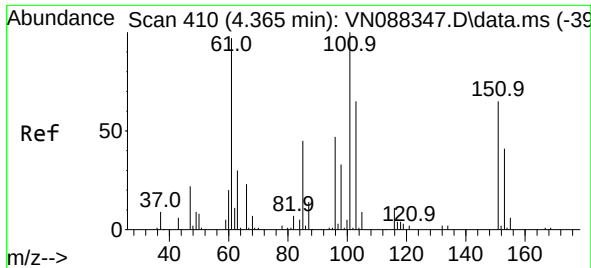


#8
Diethyl Ether
Concen: 22.252 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 43812
Ion Ratio Lower Upper
74 100
45 112.2 54.2 162.6





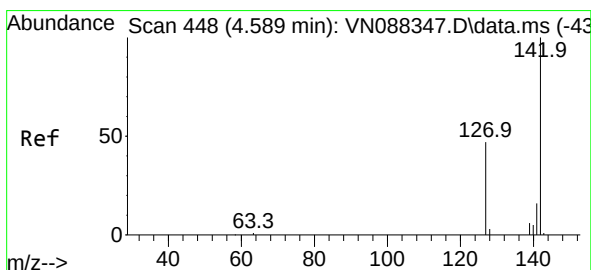
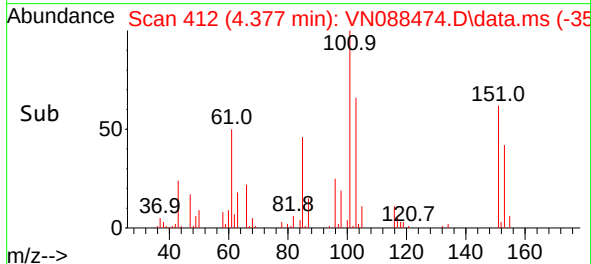
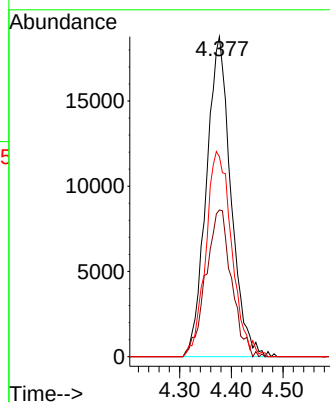
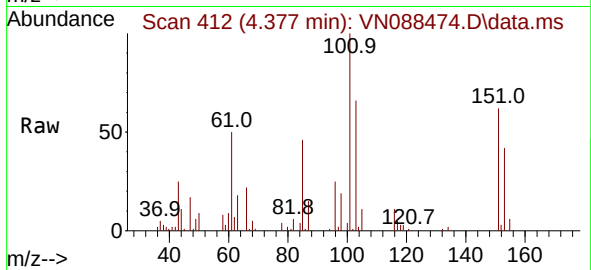
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.173 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion:101 Resp: 6192
Ion Ratio Lower Upper
101 100
85 47.8 39.2 58.8
151 67.7 53.6 80.4

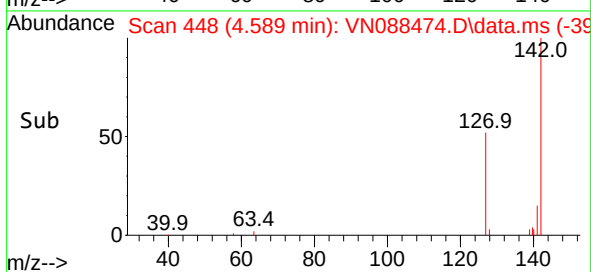
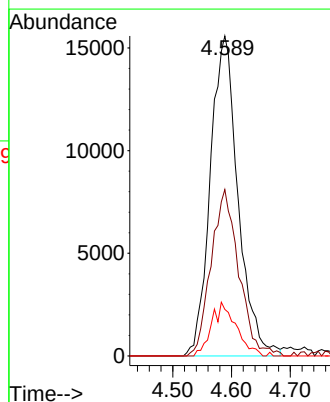
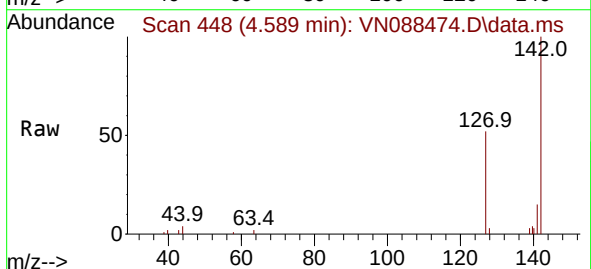
Manual Integrations
APPROVED

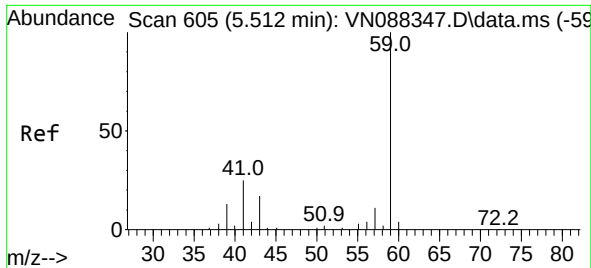
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#10
Methyl Iodide
Concen: 18.498 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:142 Resp: 51139
Ion Ratio Lower Upper
142 100
127 52.0 37.9 56.9
141 14.6 12.4 18.6





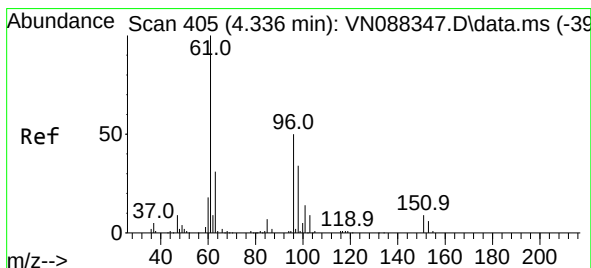
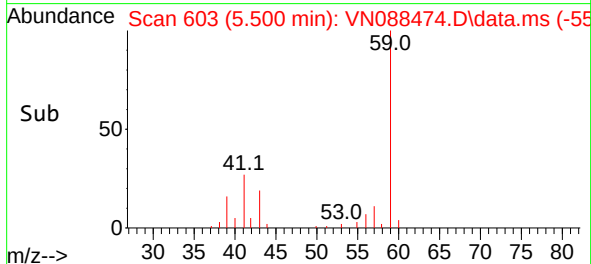
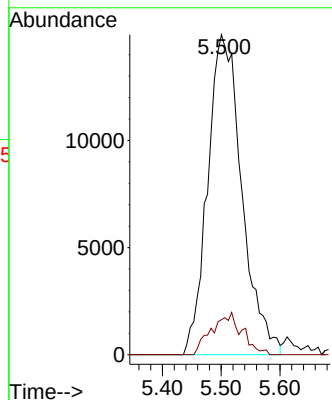
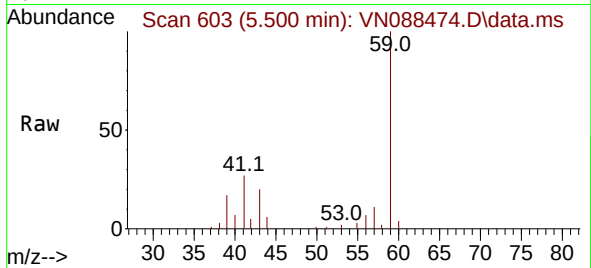
#11
Tert butyl alcohol
Concen: 88.140 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 59 Resp: 60289
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7

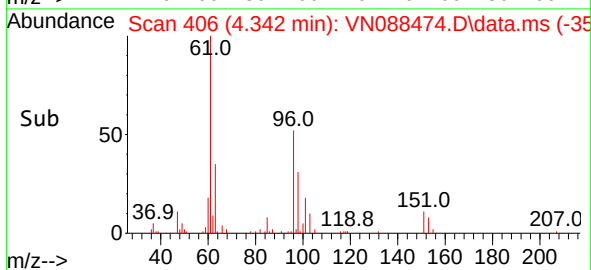
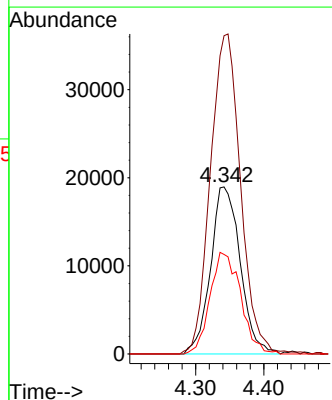
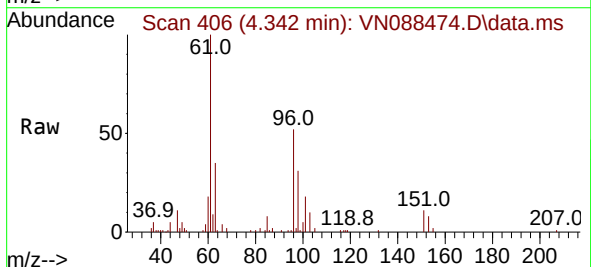
Manual Integrations
APPROVED

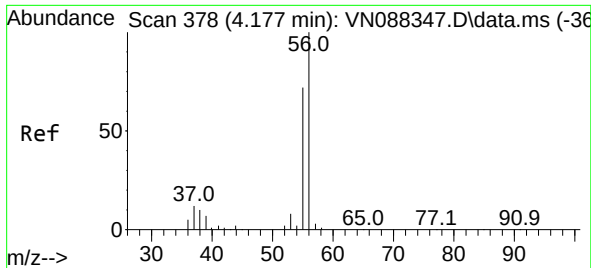
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#12
1,1-Dichloroethene
Concen: 20.714 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

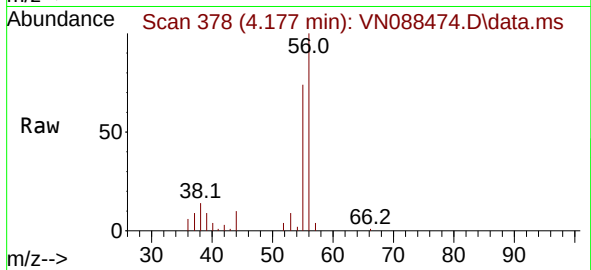
Tgt Ion: 96 Resp: 57475
Ion Ratio Lower Upper
96 100
61 190.5 159.1 238.7
98 59.6 53.7 80.5





#13
Acrolein
Concen: 85.109 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

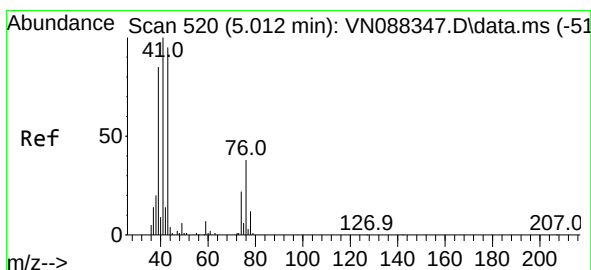
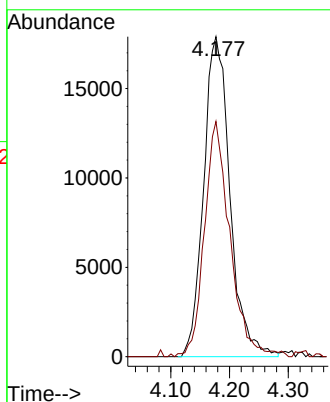
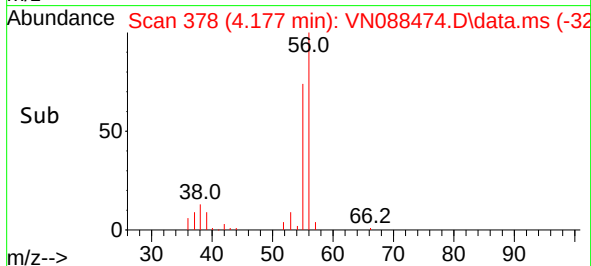
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



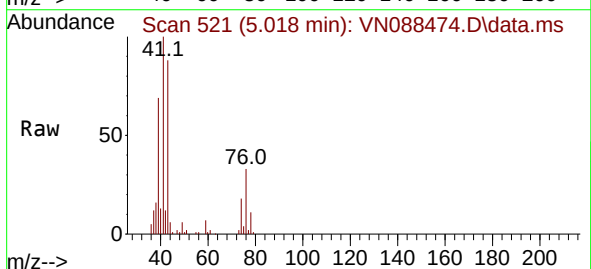
Tgt Ion: 56 Resp: 5573
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5

Manual Integrations
APPROVED

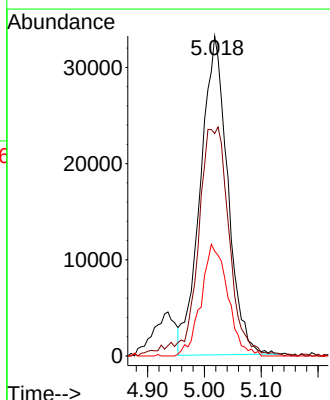
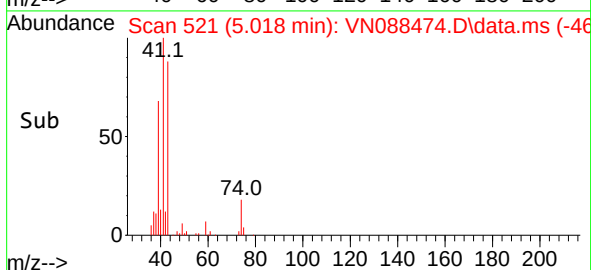
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

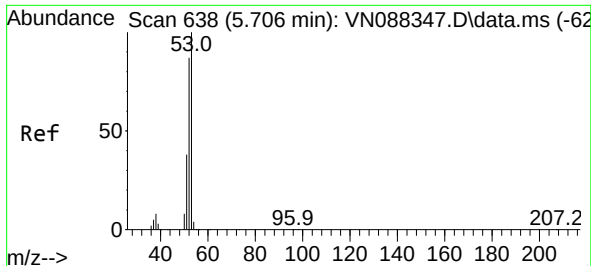


#14
Allyl chloride
Concen: 21.450 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



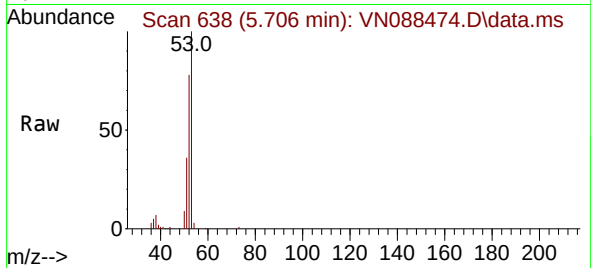
Tgt Ion: 41 Resp: 110312
Ion Ratio Lower Upper
41 100
39 82.1 64.7 97.1
76 34.4 29.1 43.7





#15
Acrylonitrile
Concen: 111.405 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

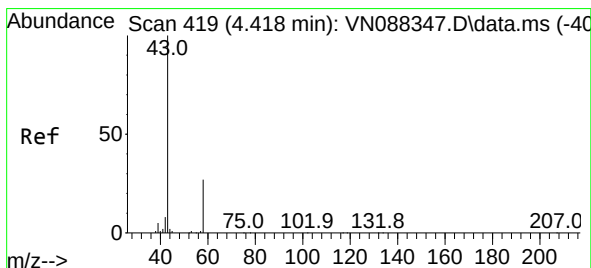
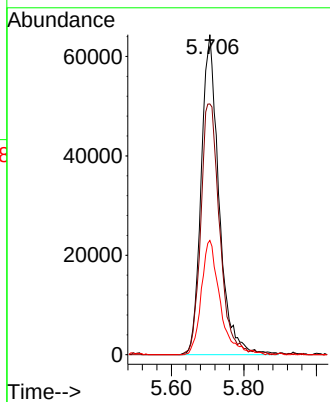
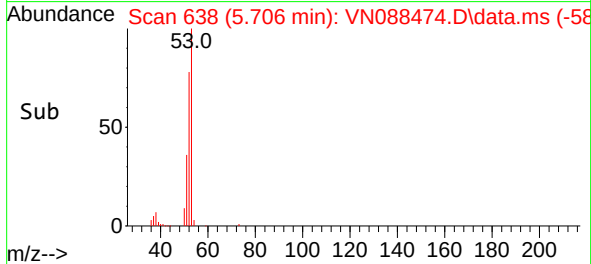
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 53 Resp: 219860
Ion Ratio Lower Upper
53 100
52 82.6 67.8 101.6
51 37.0 29.8 44.8

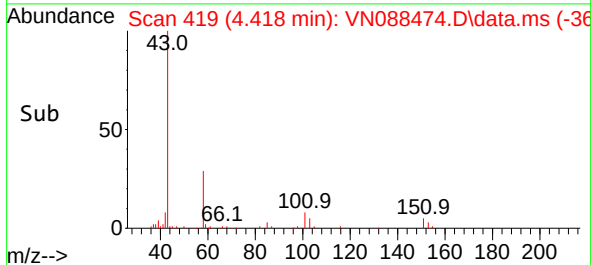
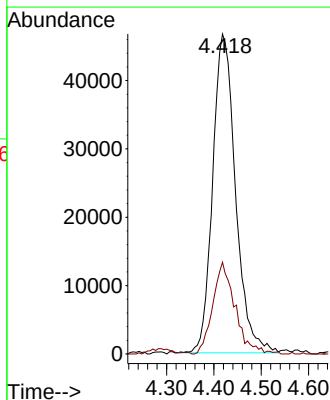
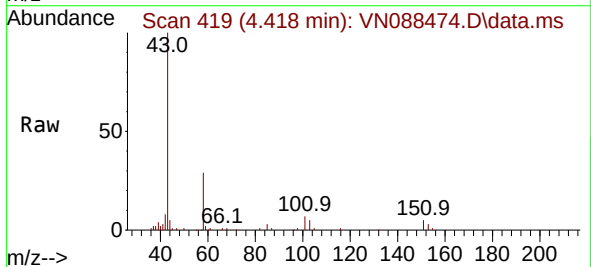
Manual Integrations
APPROVED

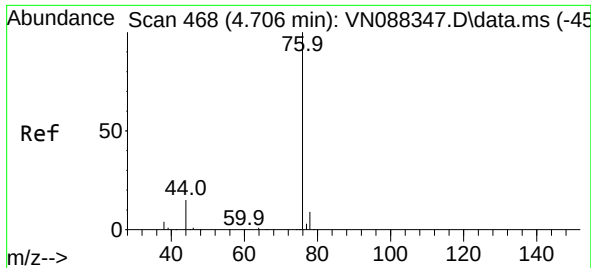
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
Acetone
Concen: 101.093 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 43 Resp: 156637
Ion Ratio Lower Upper
43 100
58 28.3 21.7 32.5





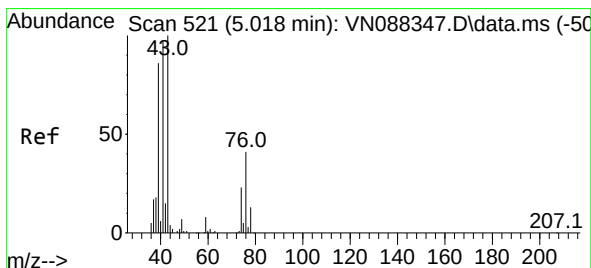
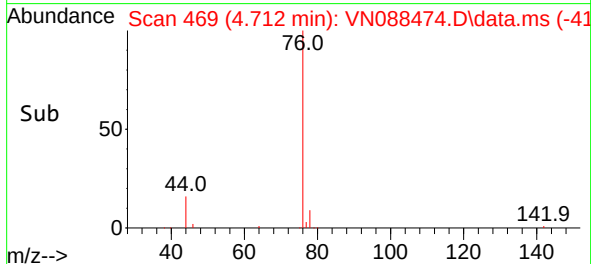
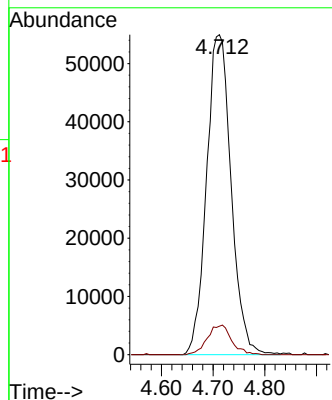
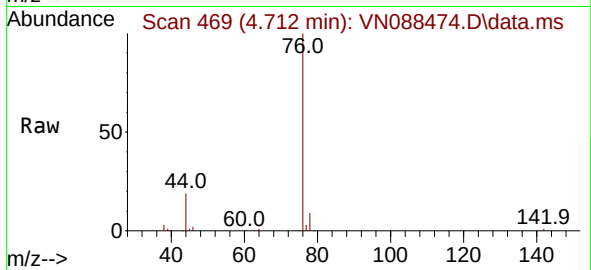
#17
Carbon Disulfide
Concen: 20.018 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 76 Resp: 181500
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

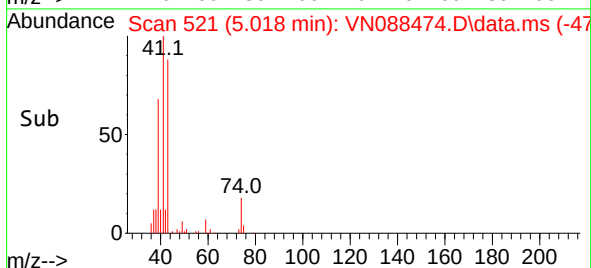
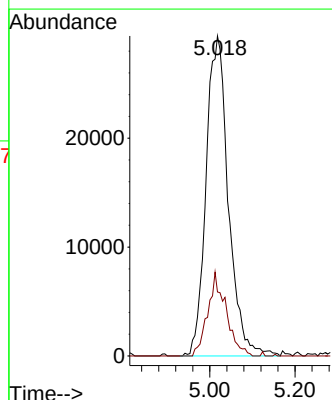
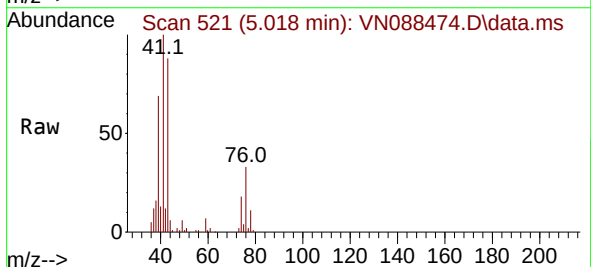
Manual Integrations
APPROVED

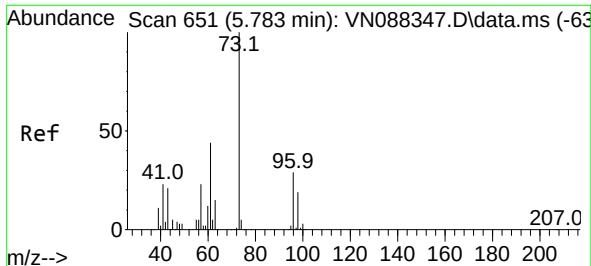
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#18
Methyl Acetate
Concen: 23.173 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

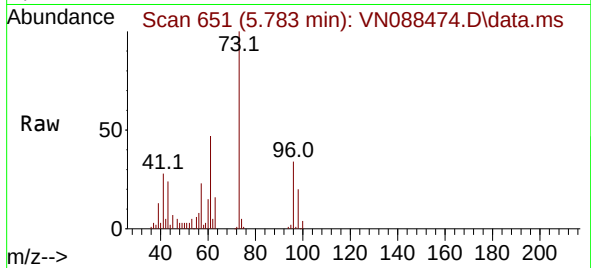
Tgt Ion: 43 Resp: 106878
Ion Ratio Lower Upper
43 100
74 21.6 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 22.549 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

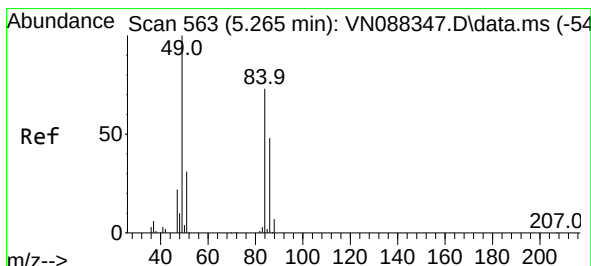
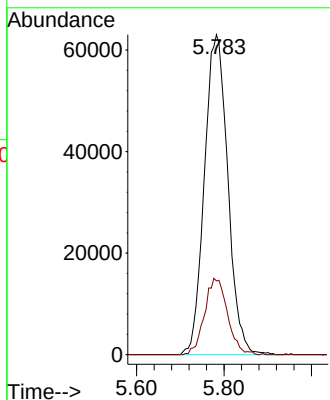
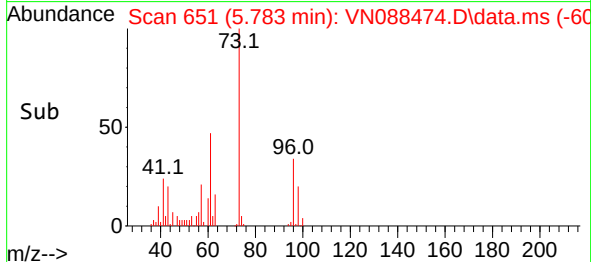
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



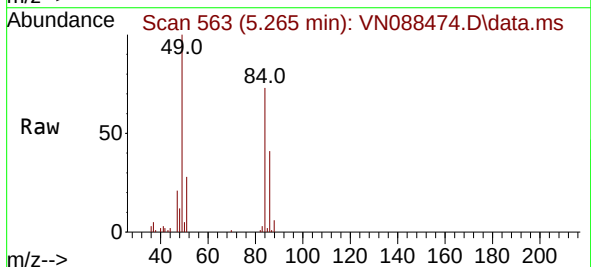
Tgt Ion: 73 Resp: 23440
Ion Ratio Lower Upper
73 100
57 23.1 18.6 28.0

Manual Integrations
APPROVED

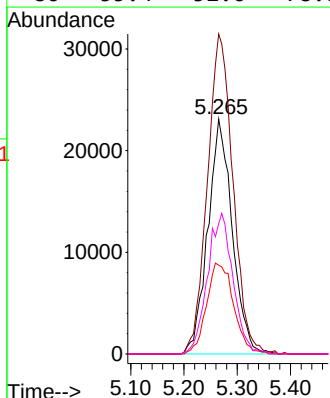
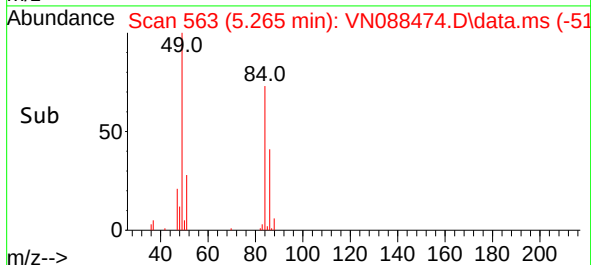
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

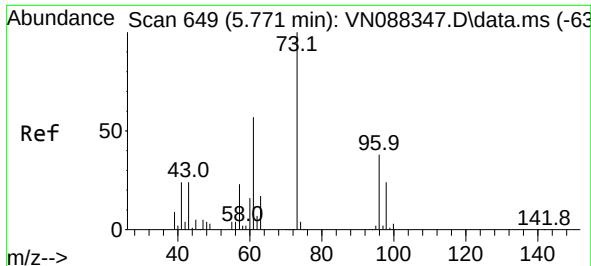


#20
Methylene Chloride
Concen: 22.227 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



Tgt Ion: 84 Resp: 73684
Ion Ratio Lower Upper
84 100
49 136.3 110.2 165.2
51 37.8 34.1 51.1
86 55.4 52.6 78.8





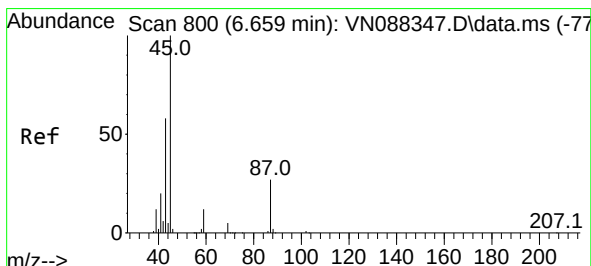
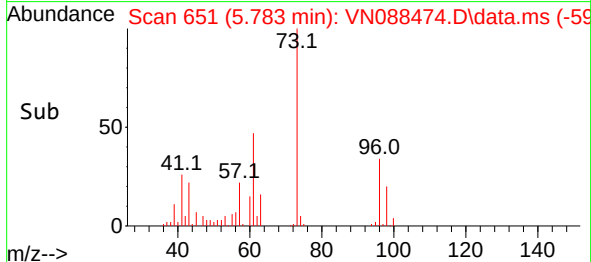
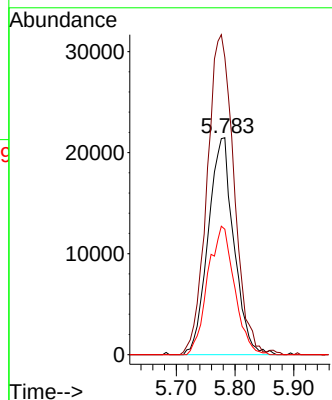
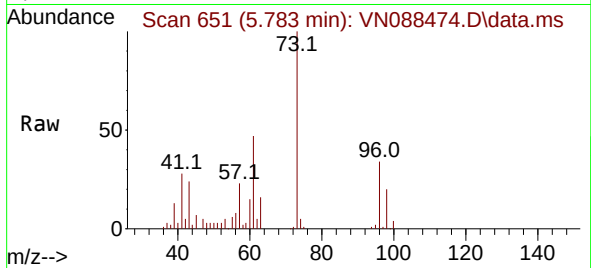
#21
trans-1,2-Dichloroethene
Concen: 21.239 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 96 Resp: 6528
Ion Ratio Lower Upper
96 100
61 137.0 122.4 183.6
98 57.8 50.9 76.3

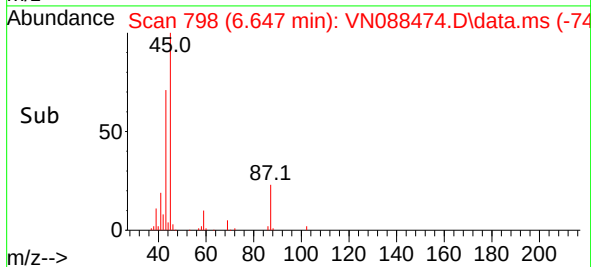
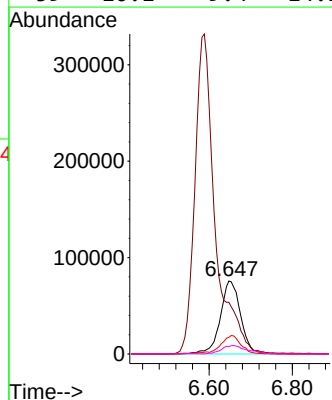
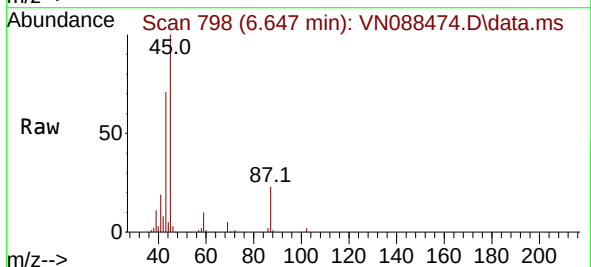
Manual Integrations
APPROVED

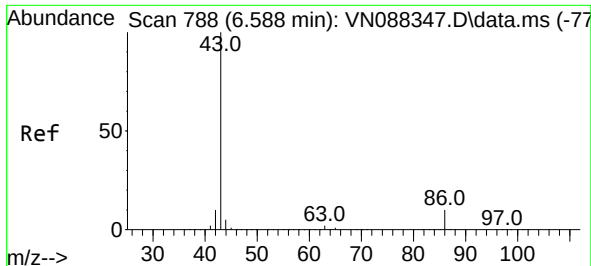
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#22
Diisopropyl ether
Concen: 23.296 ug/l
RT: 6.647 min Scan# 798
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 45 Resp: 255787
Ion Ratio Lower Upper
45 100
43 69.7 47.4 71.2
87 22.8 21.9 32.9
59 10.1 9.4 14.2





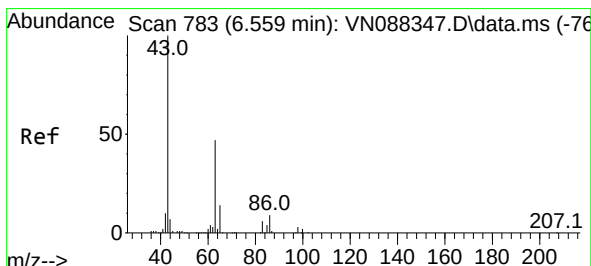
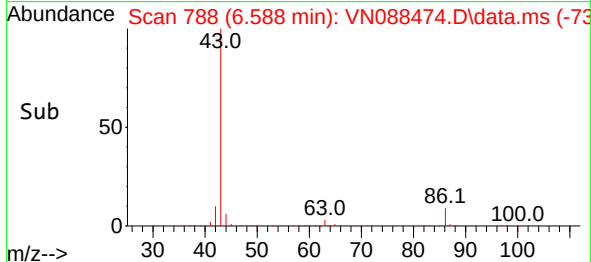
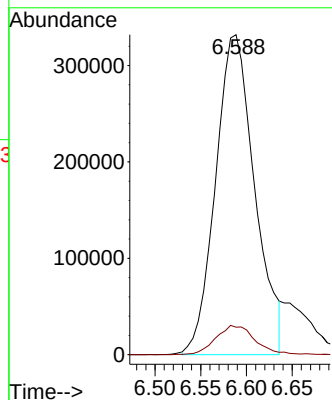
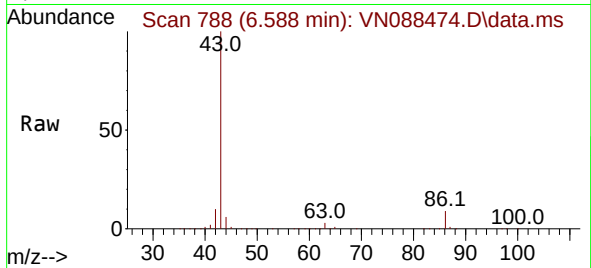
#23
 Vinyl Acetate
 Concen: 111.739 ug/l m
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

Tgt Ion: 43 Resp: 988452
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.8 11.8

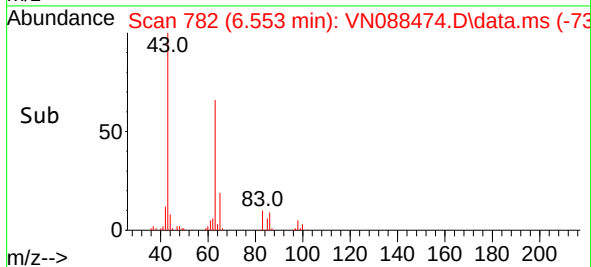
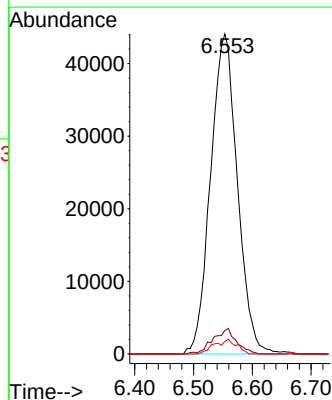
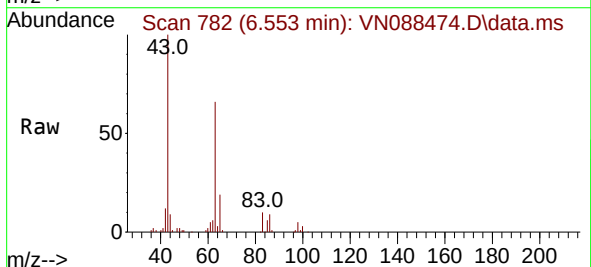
Manual Integrations
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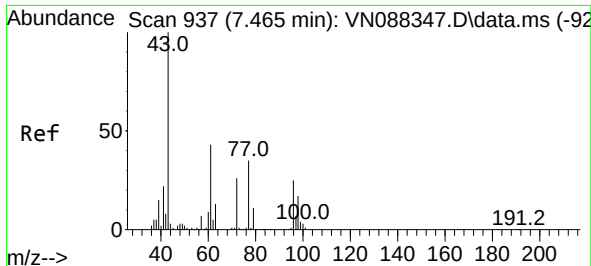
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#24
 1,1-Dichloroethane
 Concen: 22.458 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

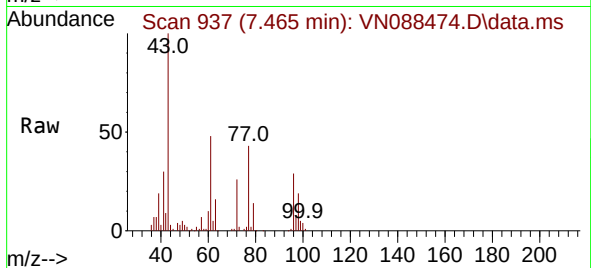
Tgt Ion: 63 Resp: 139641
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.0 1.9 5.7





#25
2-Butanone
Concen: 106.248 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

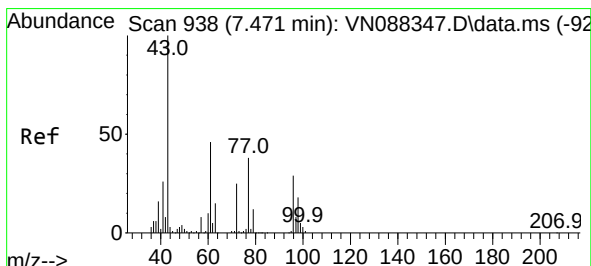
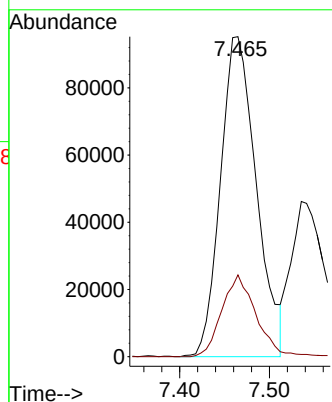
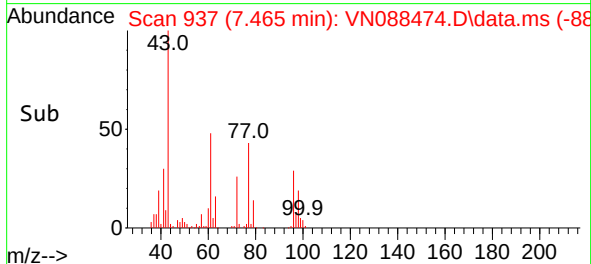
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



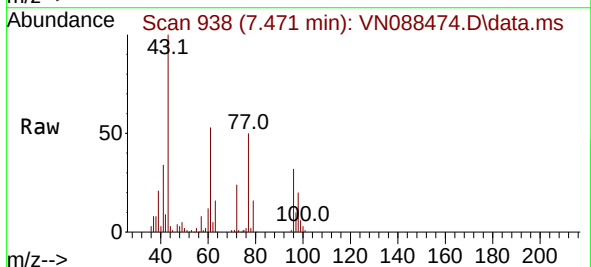
Tgt Ion: 43 Resp: 264652
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7

Manual Integrations
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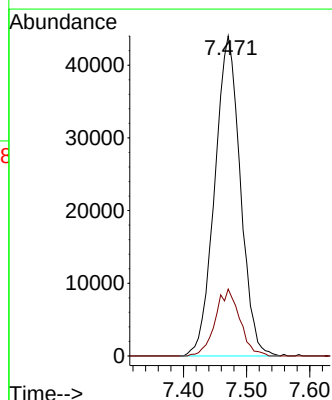
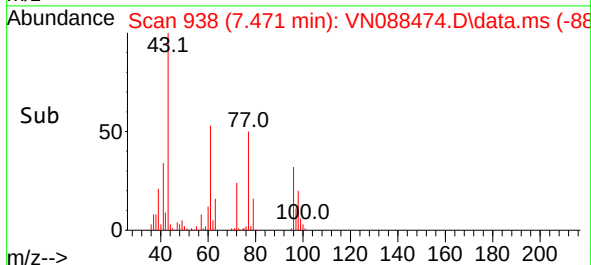
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

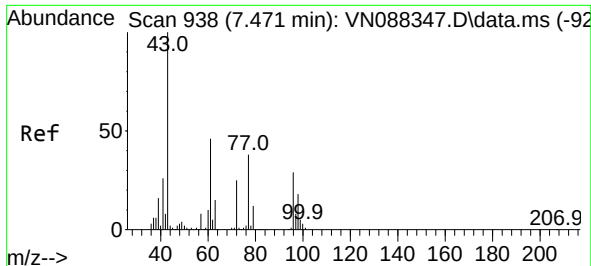


#26
2,2-Dichloropropane
Concen: 23.096 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



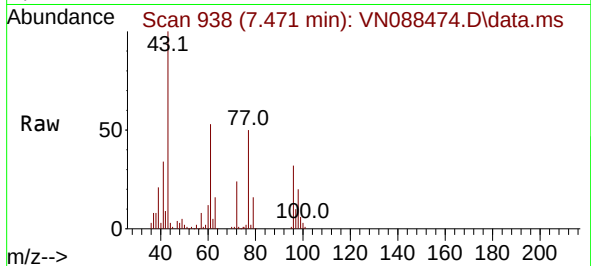
Tgt Ion: 77 Resp: 123953
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 21.216 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

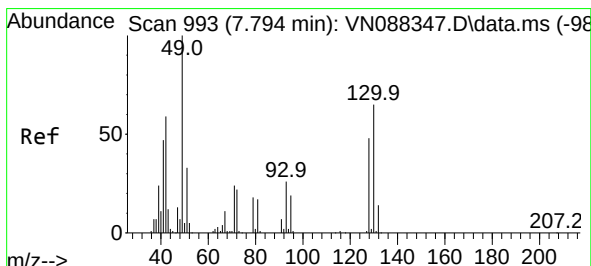
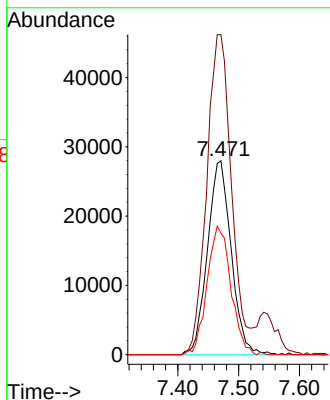
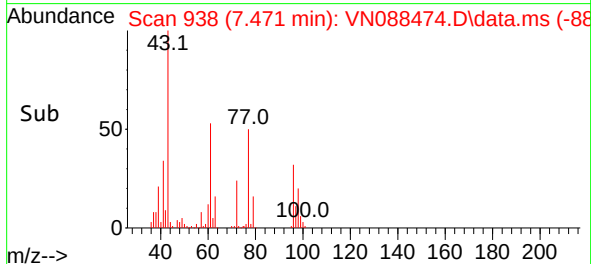
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01



Tgt Ion: 96 Resp: 7578
 Ion Ratio Lower Upper
 96 100
 61 170.7 0.0 323.6
 98 66.3 0.0 127.2

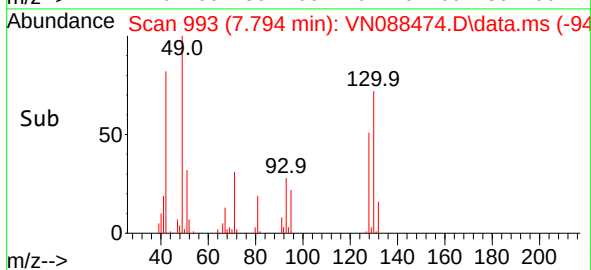
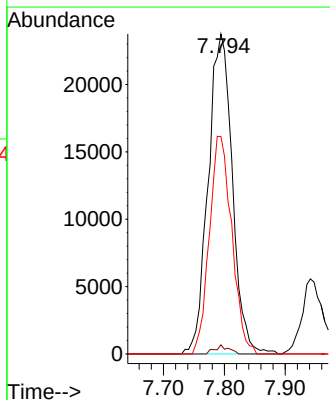
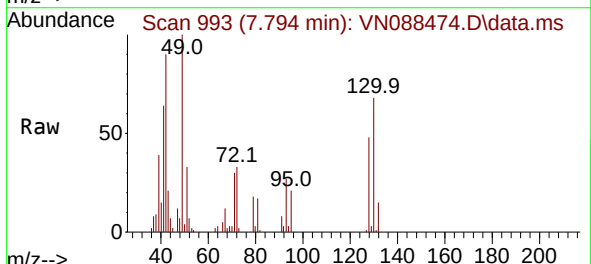
Manual Integrations
 APPROVED

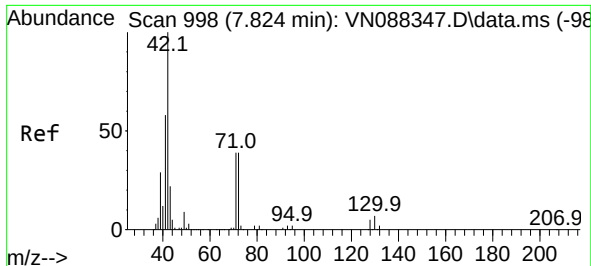
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#28
 Bromochloromethane
 Concen: 21.157 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion: 49 Resp: 65531
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 63.0 51.1 76.7





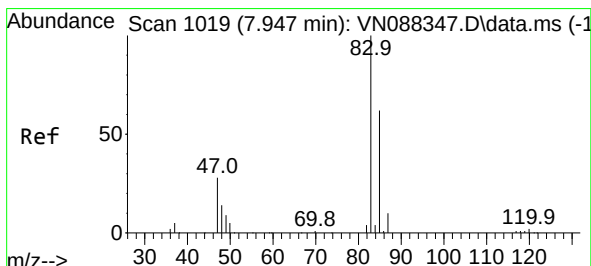
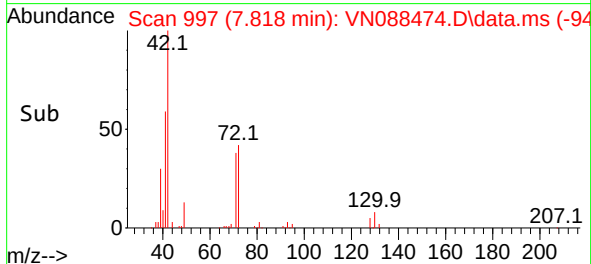
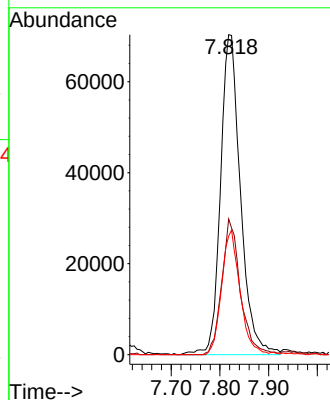
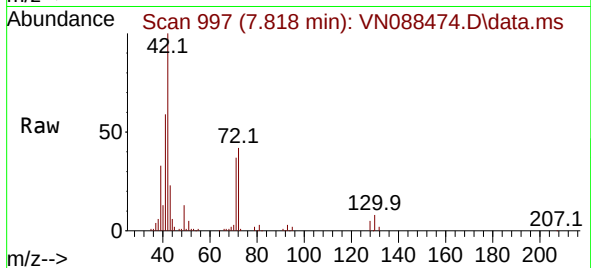
#29
Tetrahydrofuran
Concen: 112.297 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 42 Resp: 20063
Ion Ratio Lower Upper
42 100
72 39.5 32.2 48.4
71 35.8 31.1 46.7

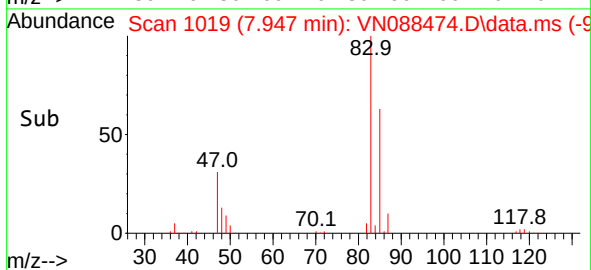
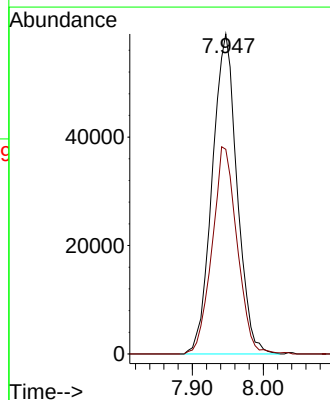
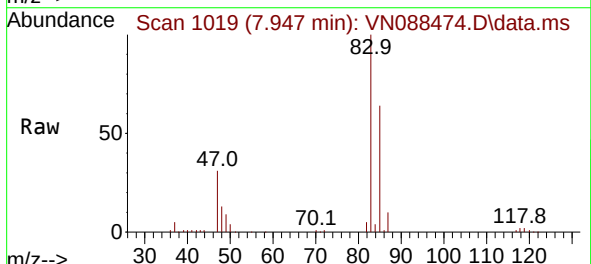
Manual Integrations
APPROVED

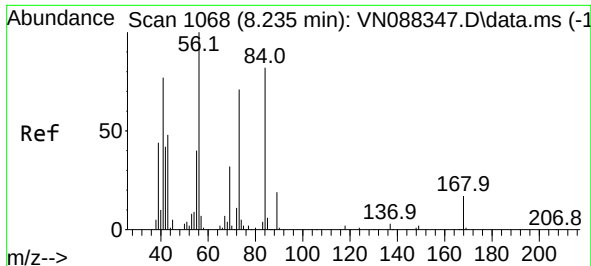
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#30
Chloroform
Concen: 23.412 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

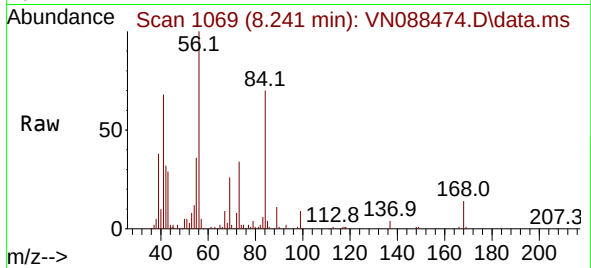
Tgt Ion: 83 Resp: 143040
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.8





#31
Cyclohexane
Concen: 20.620 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

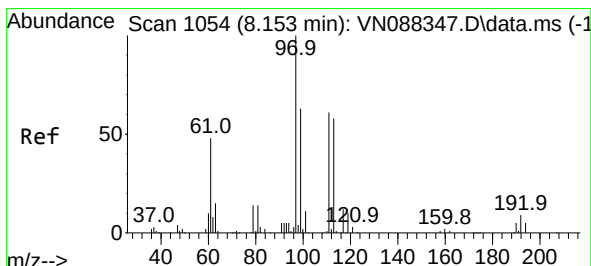
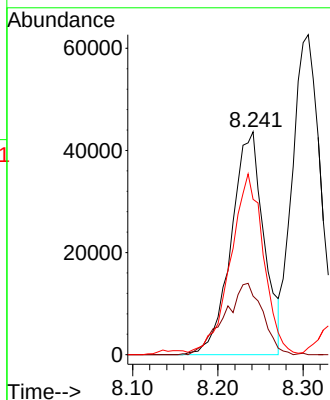
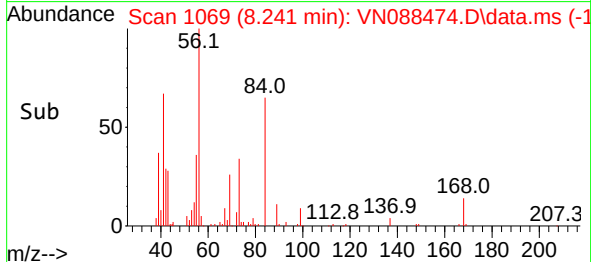
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



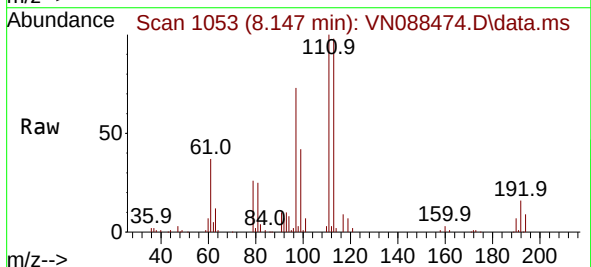
Tgt Ion: 56 Resp: 11618
Ion Ratio Lower Upper
56 100
69 26.3 25.3 37.9
84 67.9 65.4 98.2

Manual Integrations
APPROVED

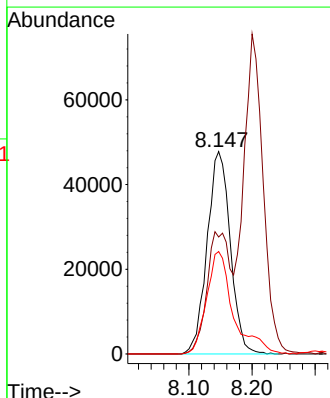
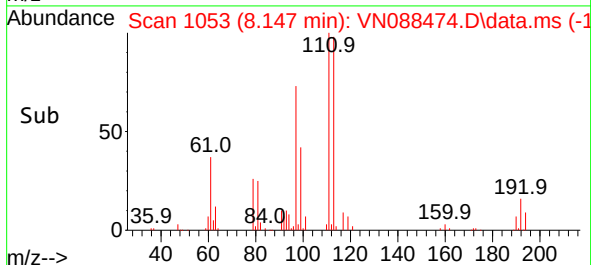
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

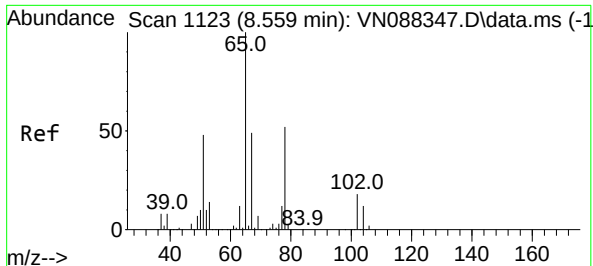


#32
1,1,1-Trichloroethane
Concen: 22.663 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



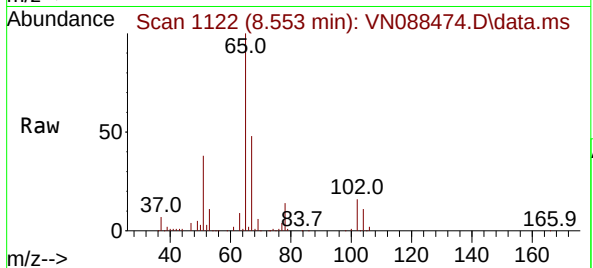
Tgt Ion: 97 Resp: 121743
Ion Ratio Lower Upper
97 100
99 61.7 50.8 76.2
61 58.3 42.2 63.2





#33
 1,2-Dichloroethane-d4
 Concen: 58.335 ug/l
 RT: 8.553 min Scan# 1122
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

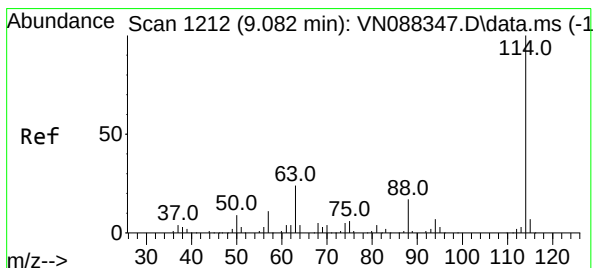
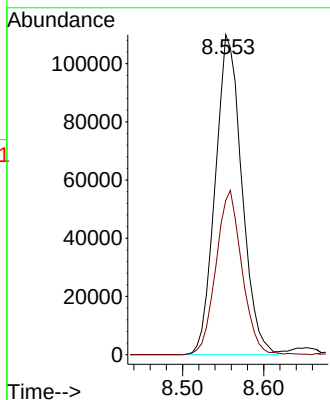
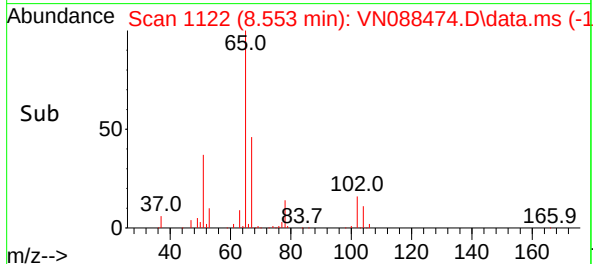
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01



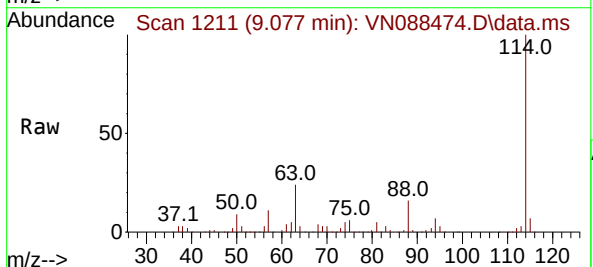
Tgt Ion: 65 Resp: 249920
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.8

Manual Integrations
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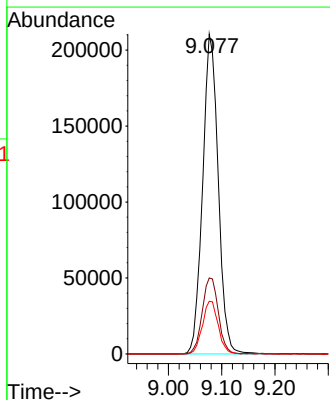
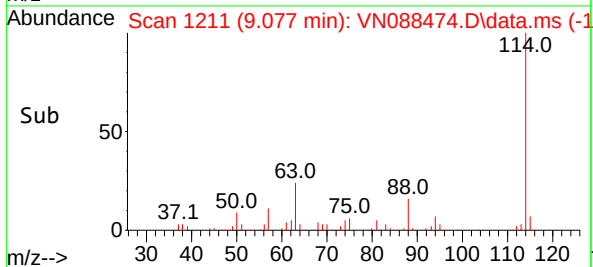
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025

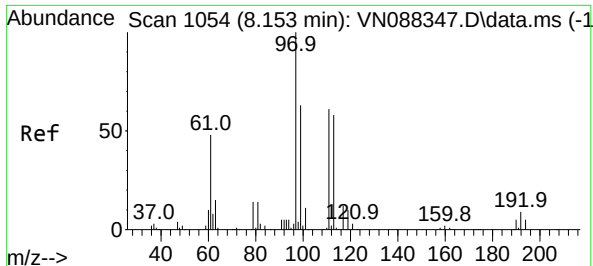


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.077 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51



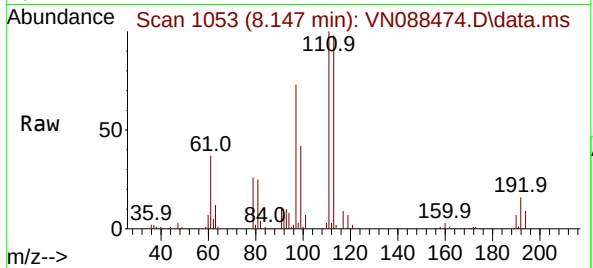
Tgt Ion:114 Resp: 428540
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 49.0
 88 16.5 0.0 34.0





#35
Dibromofluoromethane
Concen: 55.325 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

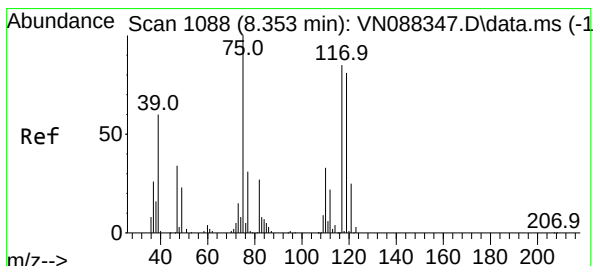
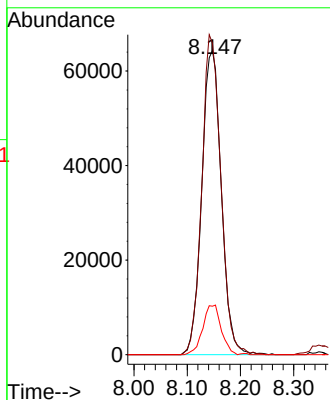
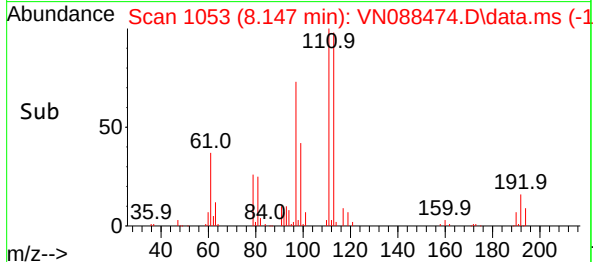
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 113 Resp: 16430
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 15.4 12.8 19.2

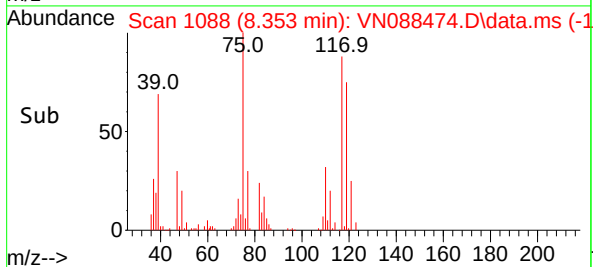
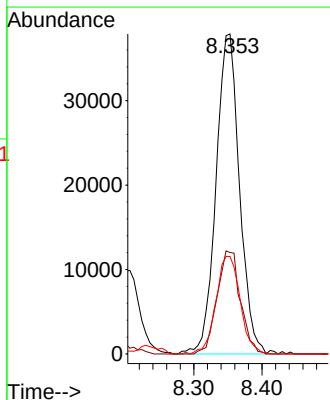
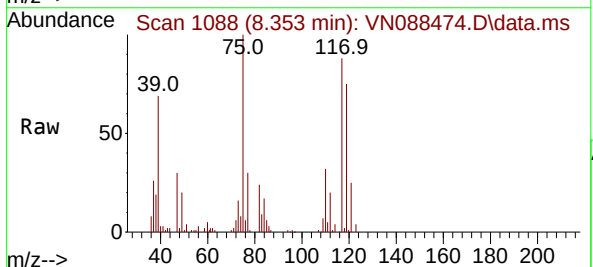
Manual Integrations
APPROVED

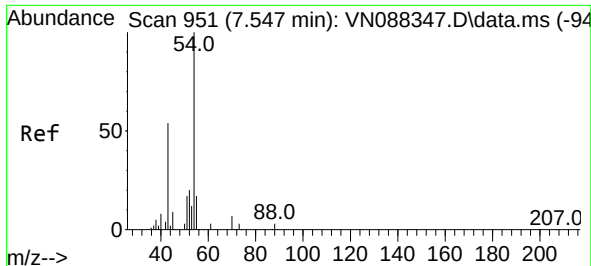
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#36
1,1-Dichloropropene
Concen: 19.868 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

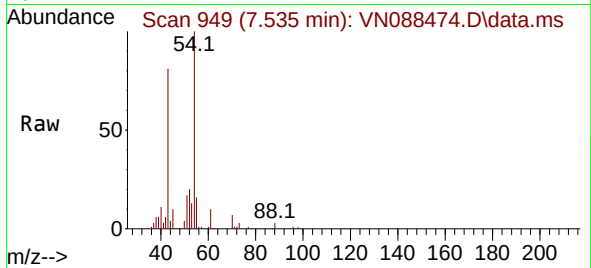
Tgt Ion: 75 Resp: 91060
Ion Ratio Lower Upper
75 100
110 31.9 15.8 47.4
77 31.5 24.2 36.2





#37
Ethyl Acetate
Concen: 20.470 ug/l
RT: 7.535 min Scan# 949
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

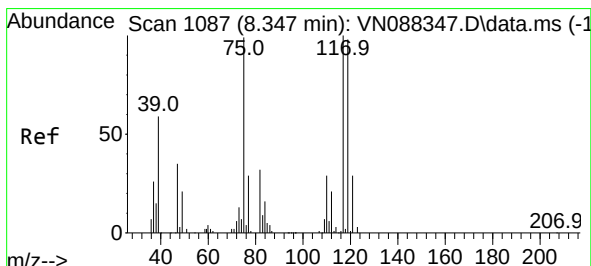
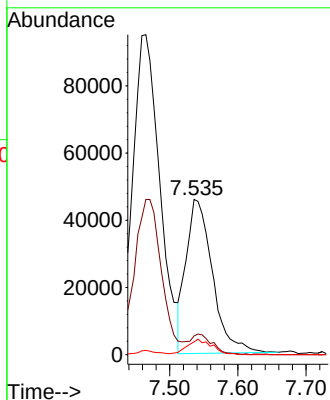
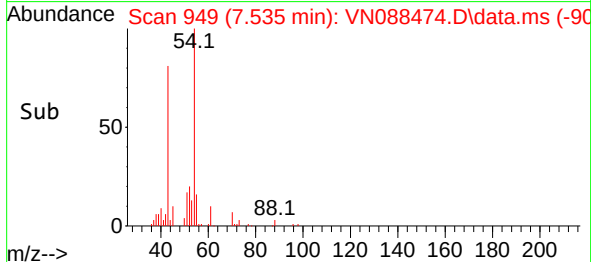
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 43 Resp: 123362
Ion Ratio Lower Upper
43 100
61 10.9 9.5 14.3
70 9.4 7.1 10.7

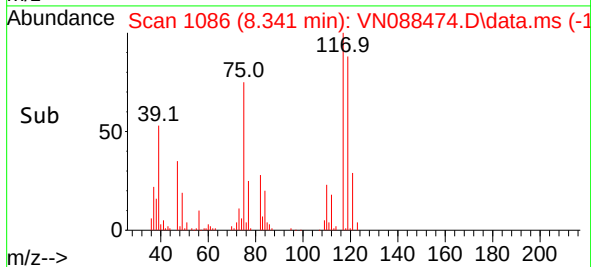
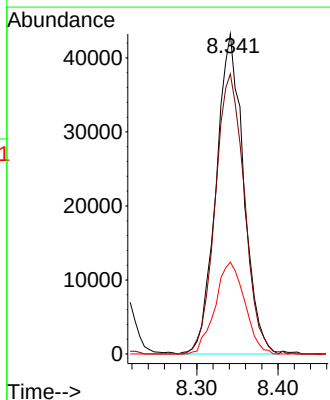
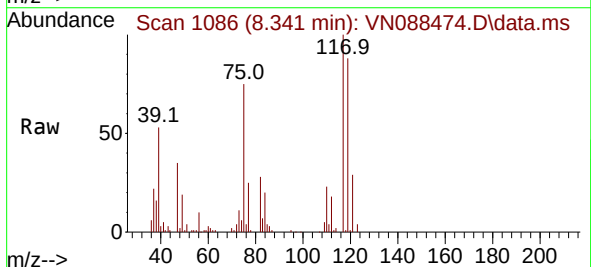
Manual Integrations
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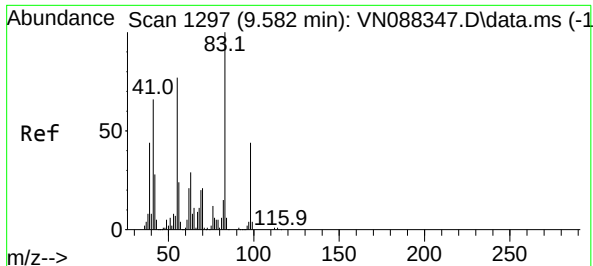
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#38
Carbon Tetrachloride
Concen: 22.253 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:117 Resp: 101531
Ion Ratio Lower Upper
117 100
119 87.5 78.2 117.4
121 28.7 23.4 35.2





#39

Methylcyclohexane

Concen: 18.653 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

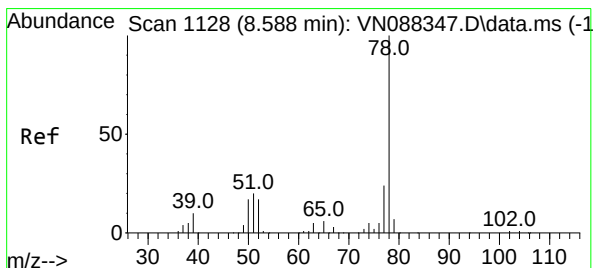
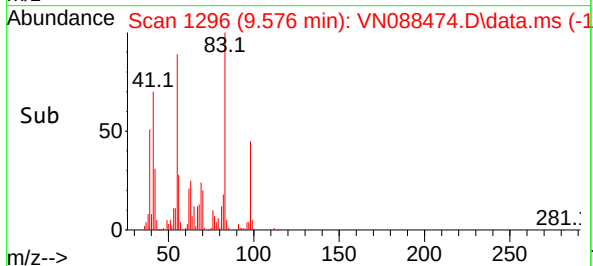
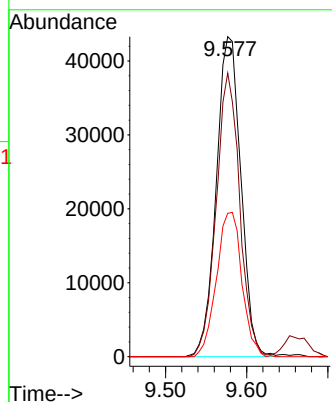
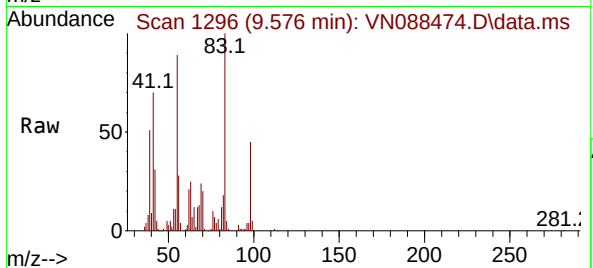
Tgt Ion: 83	Resp: 9144
Ion Ratio	Lower Upper
83 100	
55 88.7	61.6 92.4
98 44.8	35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#40

Benzene

Concen: 21.345 ug/l

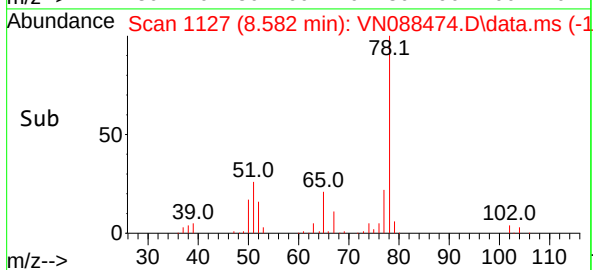
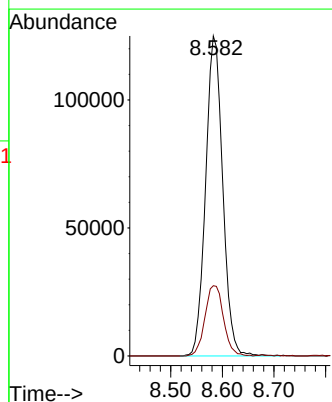
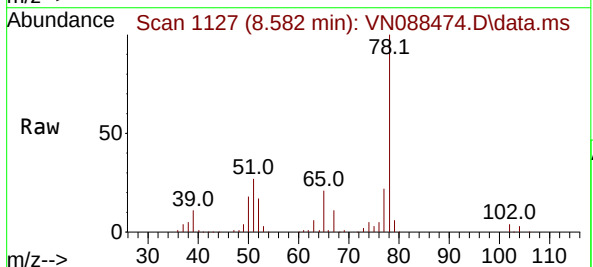
RT: 8.582 min Scan# 1127

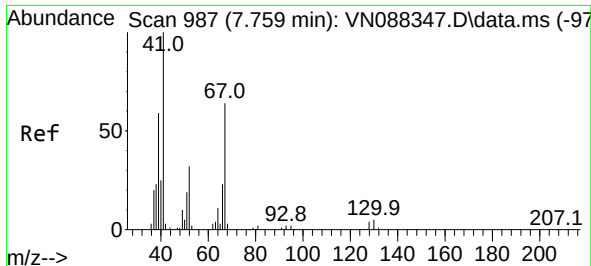
Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

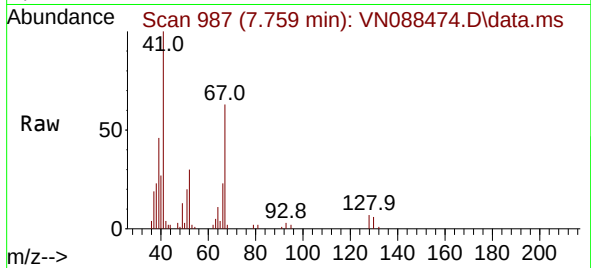
Tgt Ion: 78	Resp: 287129
Ion Ratio	Lower Upper
78 100	
77 22.0	19.0 28.4





#41
Methacrylonitrile
Concen: 22.356 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

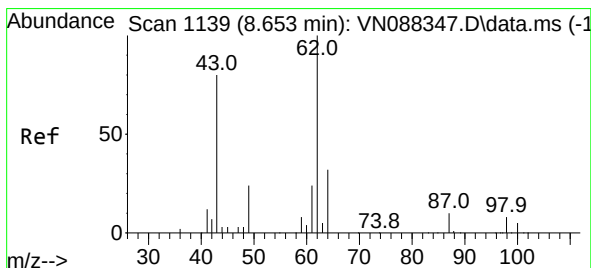
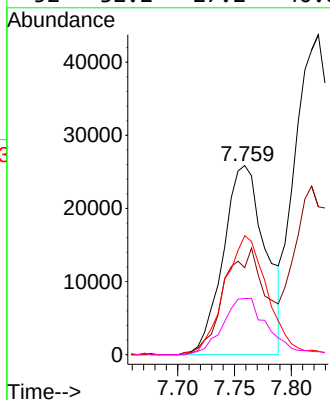
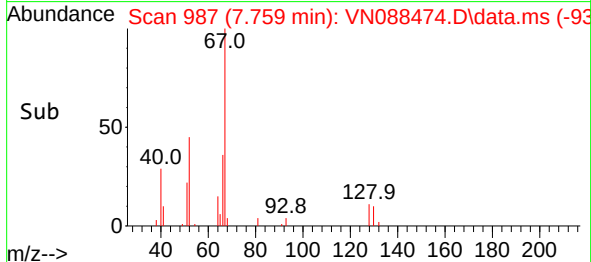
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 41	Resp: 66730
Ion Ratio	Lower Upper
41 100	
39 56.5	46.3 69.5
67 64.5	54.7 82.1
52 32.2	27.2 40.8

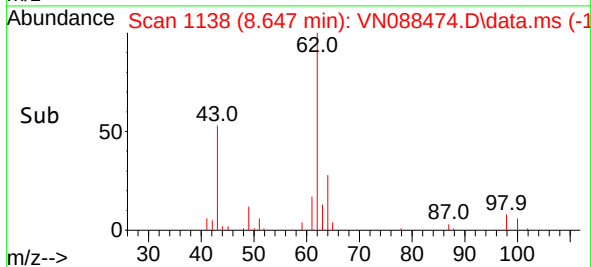
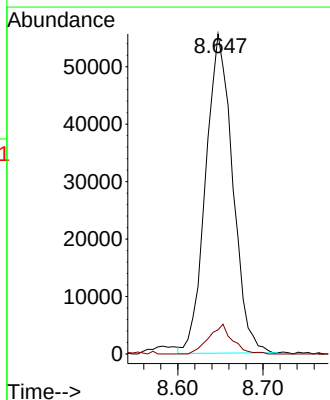
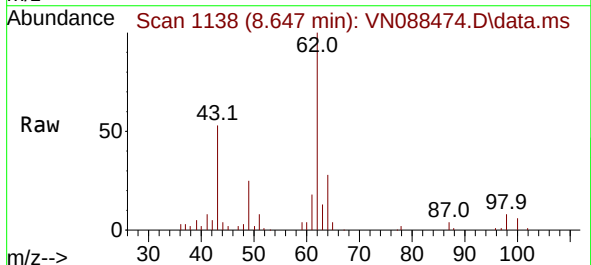
Manual Integrations
APPROVED

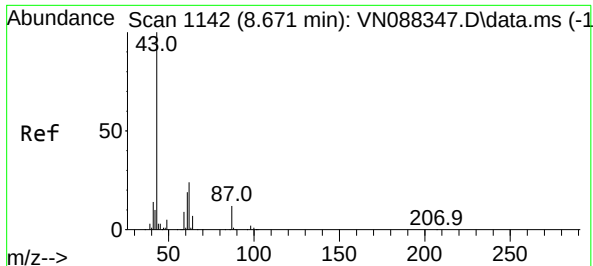
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#42
1,2-Dichloroethane
Concen: 23.836 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

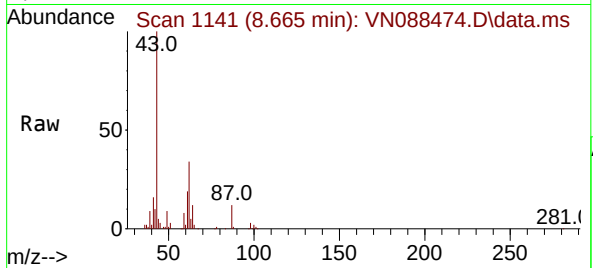
Tgt Ion: 62	Resp: 122331
Ion Ratio	Lower Upper
62 100	
98 8.1	0.0 16.2





#43
Isopropyl Acetate
Concen: 21.434 ug/l
RT: 8.665 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

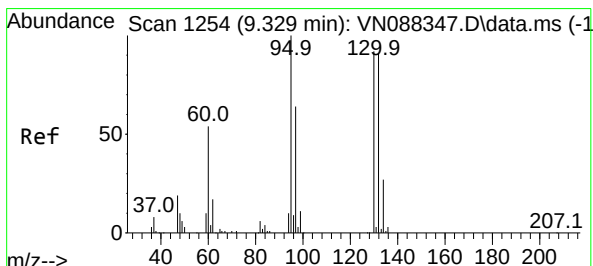
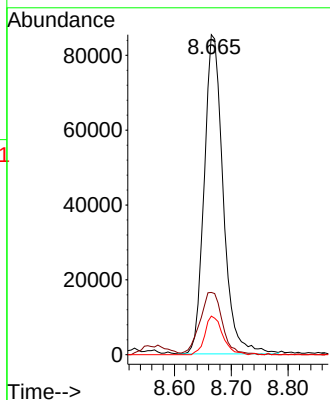
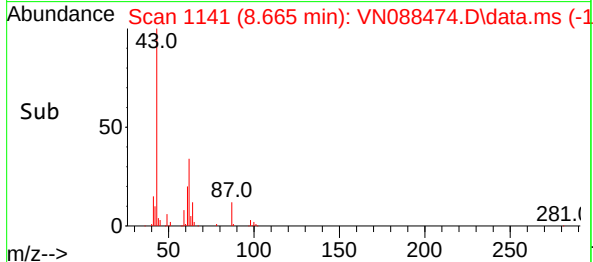
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 43 Resp: 197354
Ion Ratio Lower Upper
43 100
61 23.2 18.7 28.1
87 11.3 9.1 13.7

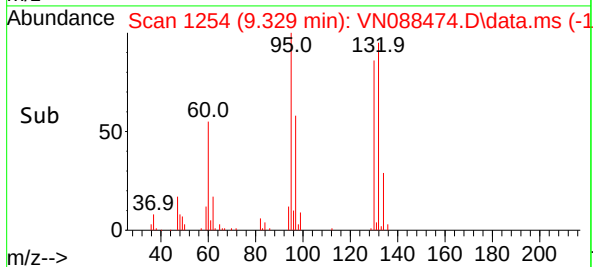
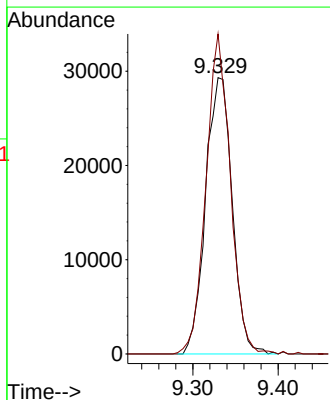
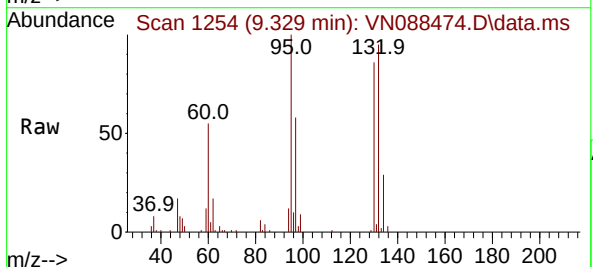
Manual Integrations
APPROVED

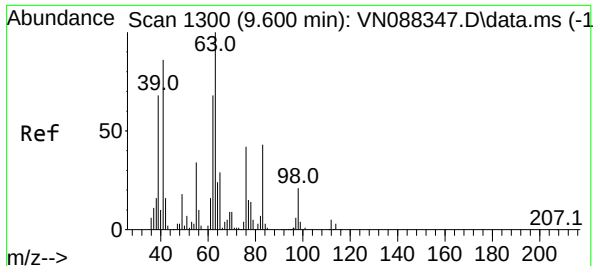
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#44
Trichloroethene
Concen: 20.006 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

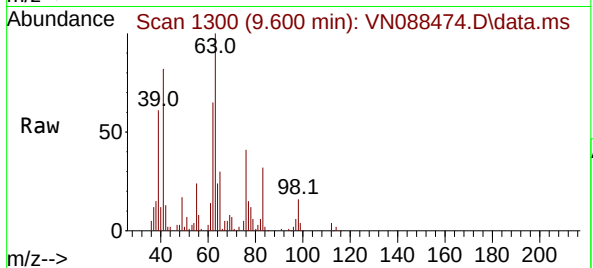
Tgt Ion:130 Resp: 63588
Ion Ratio Lower Upper
130 100
95 115.8 0.0 217.0





#45
1,2-Dichloropropane
Concen: 22.828 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

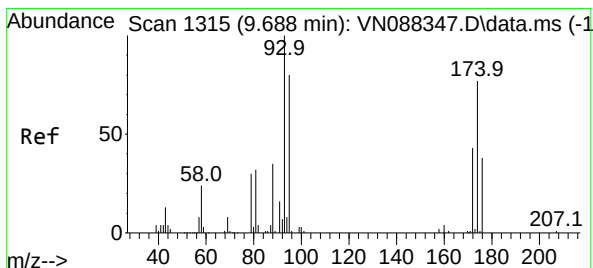
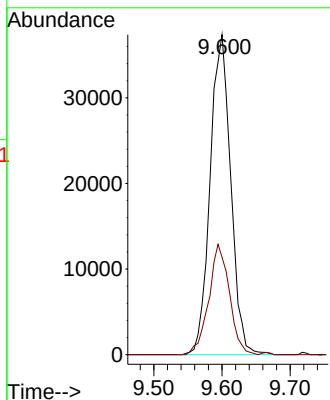
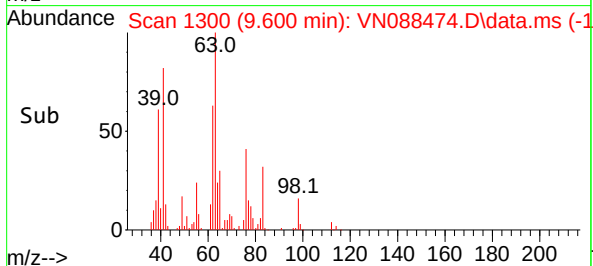
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 63 Resp: 78679
Ion Ratio Lower Upper
63 100
65 30.5 23.0 34.4

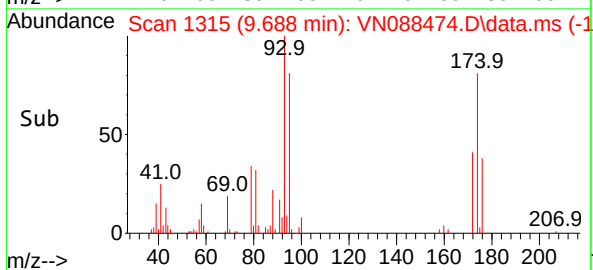
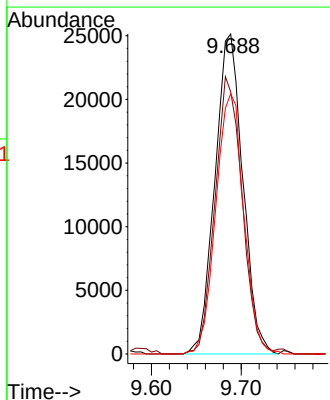
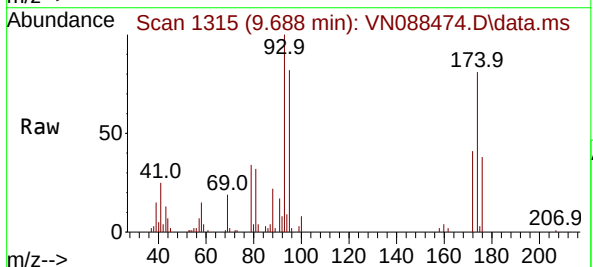
Manual Integrations
APPROVED

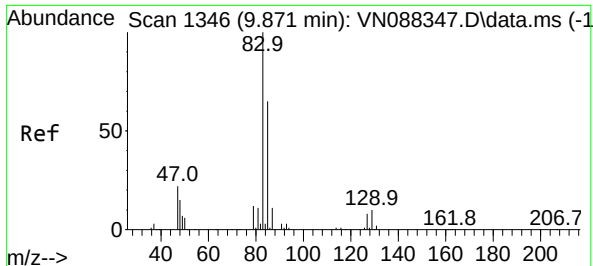
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#46
Dibromomethane
Concen: 22.072 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 93 Resp: 54290
Ion Ratio Lower Upper
93 100
95 84.1 65.8 98.6
174 81.4 64.3 96.5





#47

Bromodichloromethane

Concen: 22.812 ug/l

RT: 9.865 min Scan# 11448

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

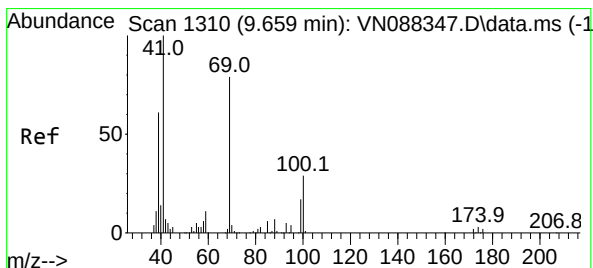
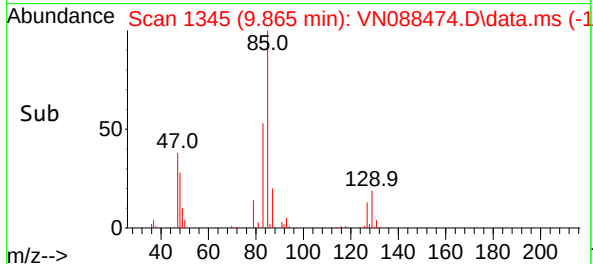
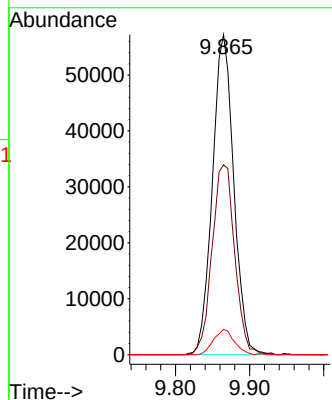
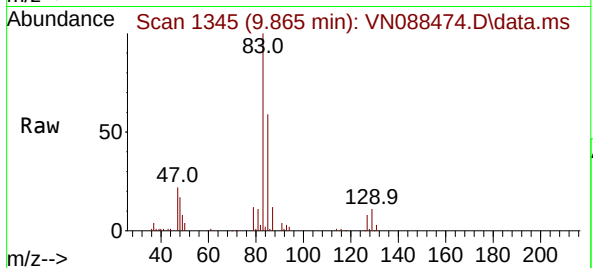
Tgt Ion:	83	Resp:	11448
Ion Ratio	Lower	Upper	
83	100		
85	59.3	51.9	77.9
127	7.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#48

Methyl methacrylate

Concen: 21.188 ug/l

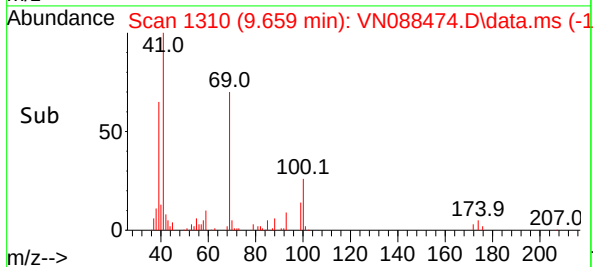
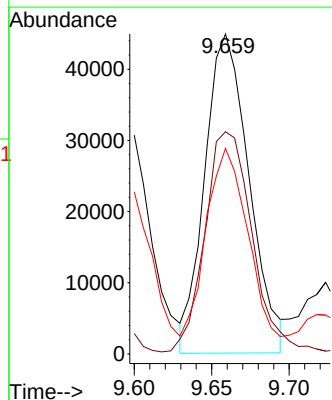
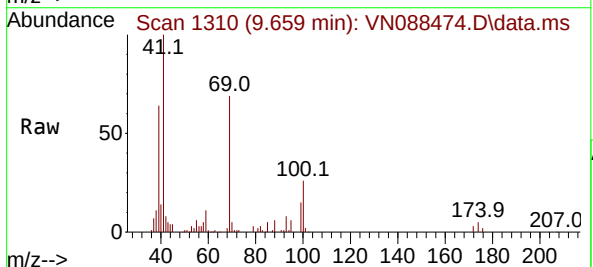
RT: 9.659 min Scan# 1310

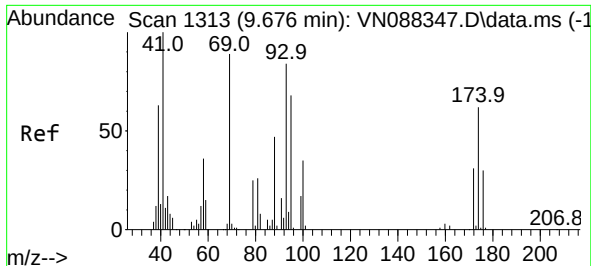
Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Tgt Ion:	41	Resp:	89015
Ion Ratio	Lower	Upper	
41	100		
69	74.2	62.4	93.6
39	63.4	52.6	79.0





#49

1,4-Dioxane

Concen: 331.979 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

Tgt Ion: 88 Resp: 1773

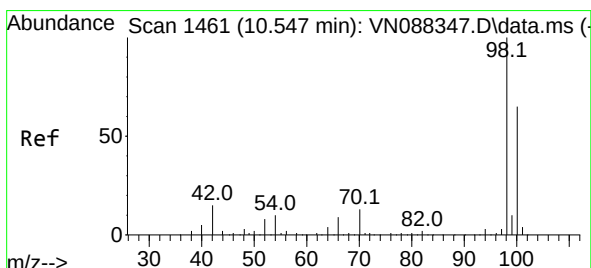
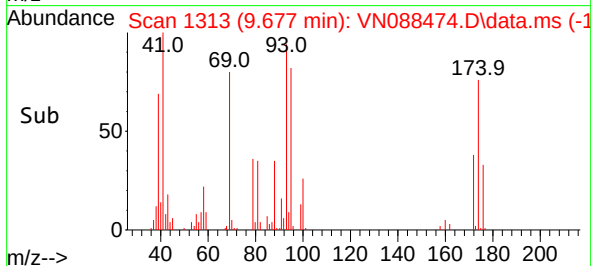
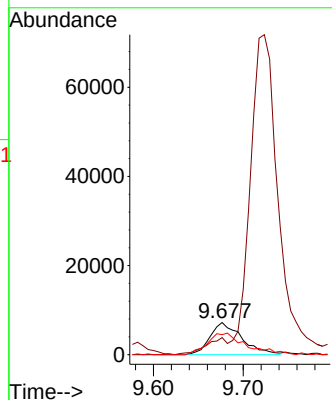
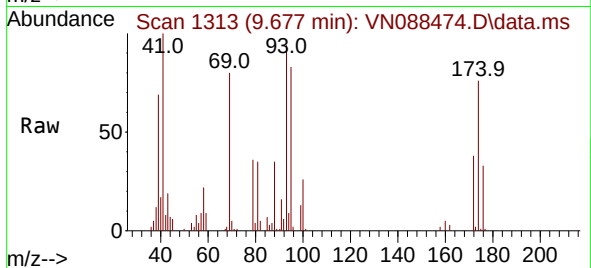
Ion	Ratio	Lower	Upper
88	100		
43	35.7	0.0	0.0
58	81.1	62.0	93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#50

Toluene-d8

Concen: 53.058 ug/l

RT: 10.541 min Scan# 1460

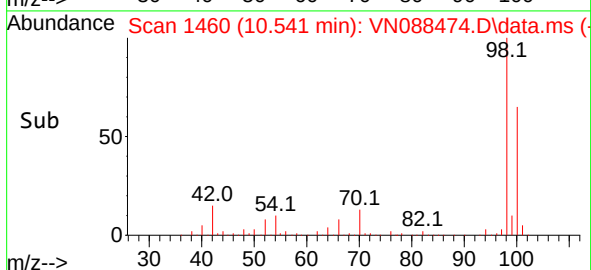
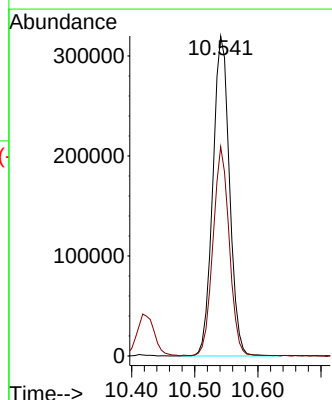
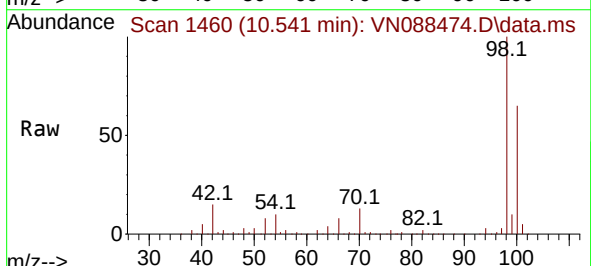
Delta R.T. -0.006 min

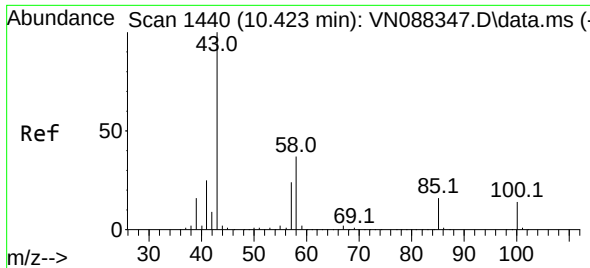
Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Tgt Ion: 98 Resp: 586278

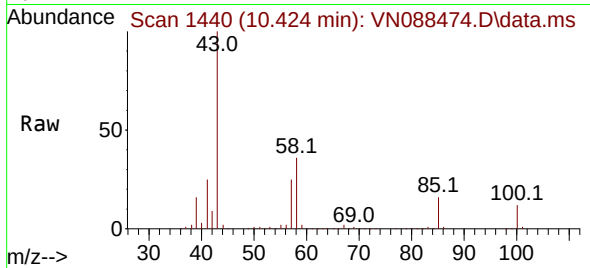
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2





#51
4-Methyl-2-Pentanone
Concen: 112.999 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

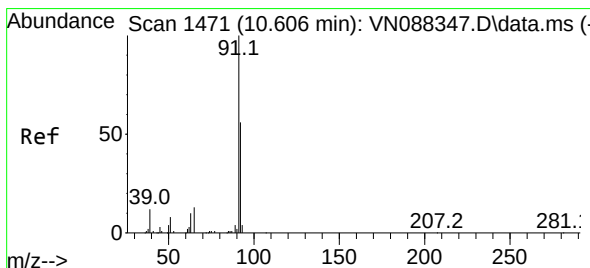
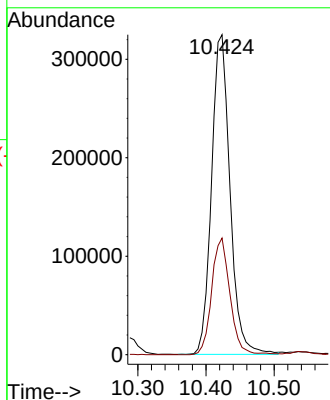
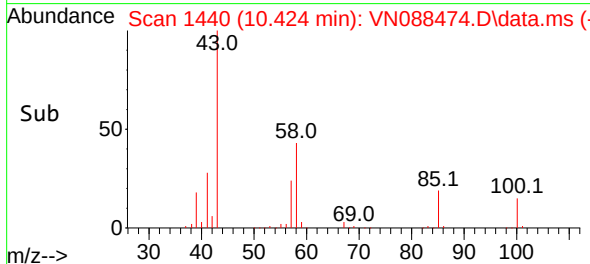
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 43 Resp: 61328
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7

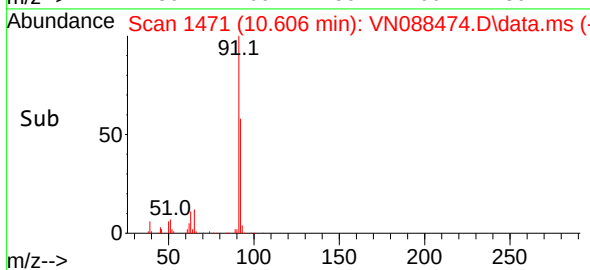
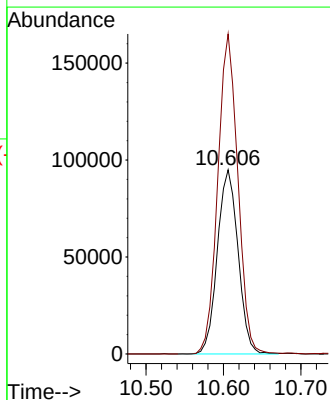
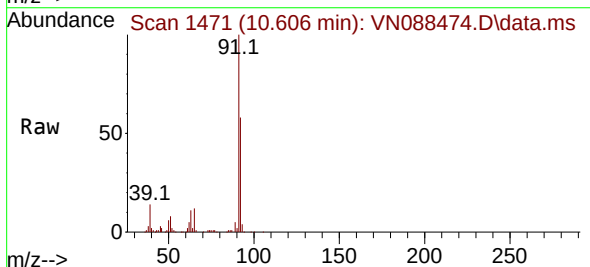
Manual Integrations
APPROVED

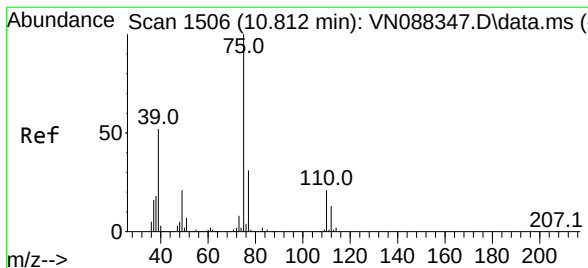
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#52
Toluene
Concen: 22.686 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

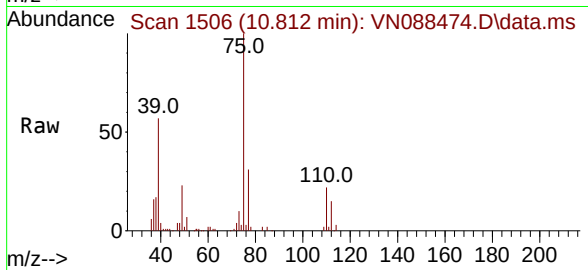
Tgt Ion: 92 Resp: 176214
Ion Ratio Lower Upper
92 100
91 168.5 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.812 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

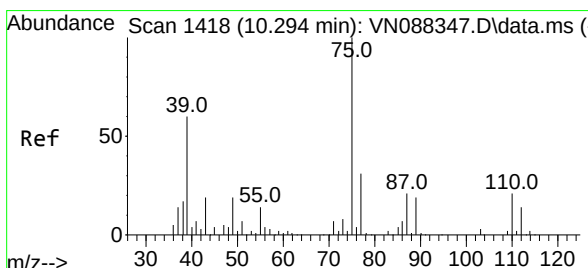
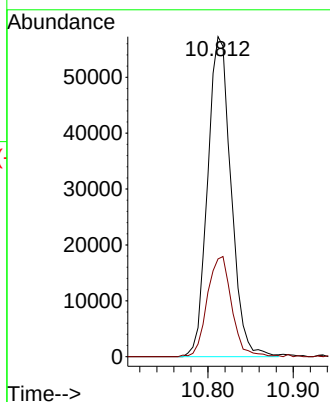
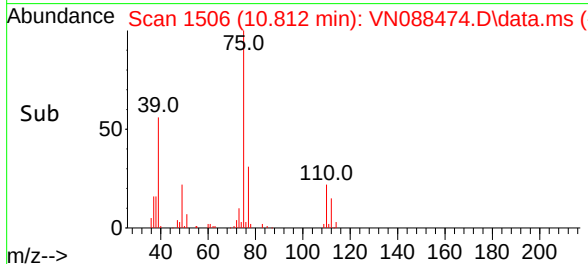
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



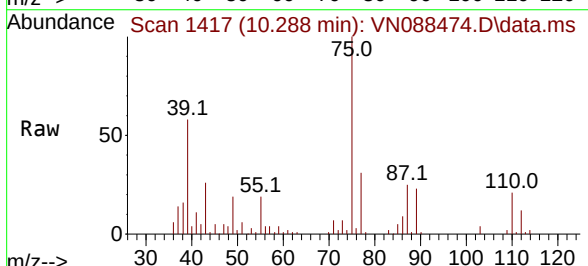
Tgt Ion: 75 Resp: 109477
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2

Manual Integrations
APPROVED

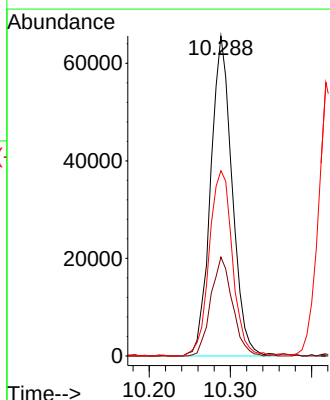
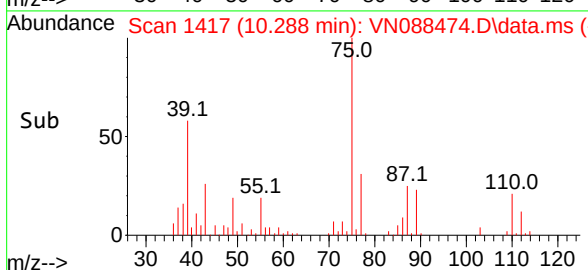
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

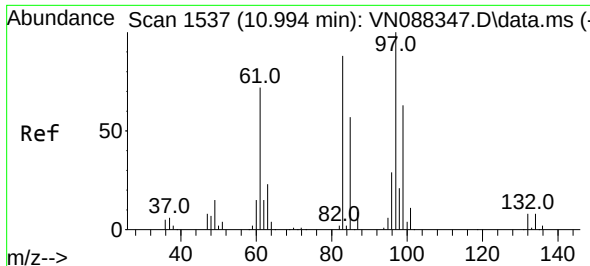


#54
cis-1,3-Dichloropropene
Concen: 22.339 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



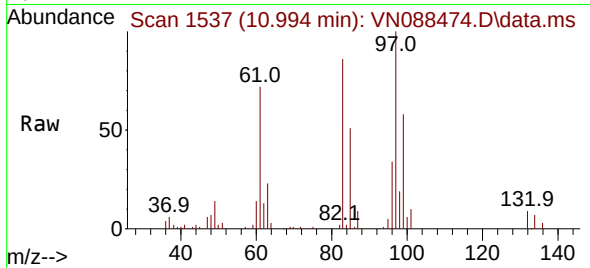
Tgt Ion: 75 Resp: 121017
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7
39 57.9 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 23.097 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

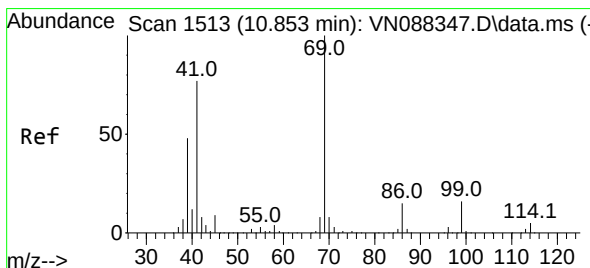
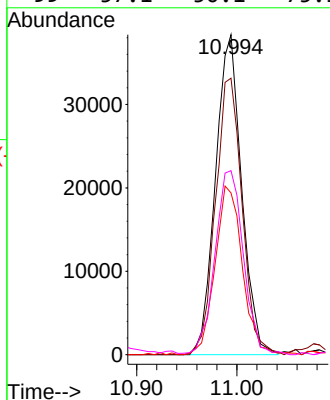
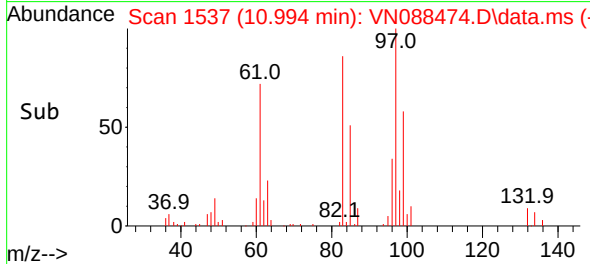
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 97 Resp: 6941
Ion Ratio Lower Upper
97 100
83 86.4 70.4 105.6
85 50.6 45.4 68.2
99 57.1 50.1 75.1

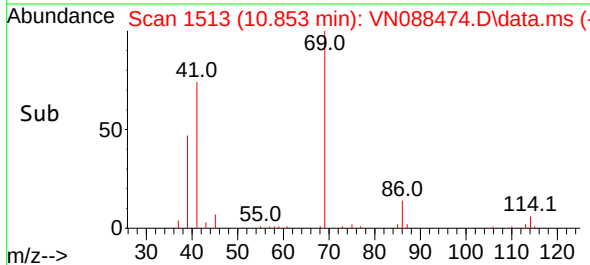
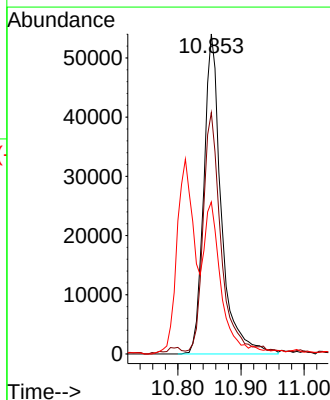
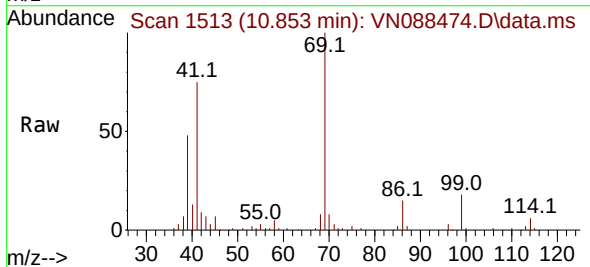
Manual Integrations
APPROVED

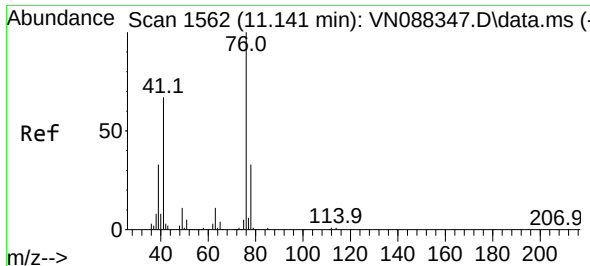
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
Ethyl methacrylate
Concen: 21.940 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 69 Resp: 104150
Ion Ratio Lower Upper
69 100
41 76.8 59.6 89.4
39 45.2 36.4 54.6





#57

1,3-Dichloropropane

Concen: 22.146 ug/l

RT: 11.135 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

Tgt Ion: 76 Resp: 12006

Ion Ratio Lower Upper

76 100

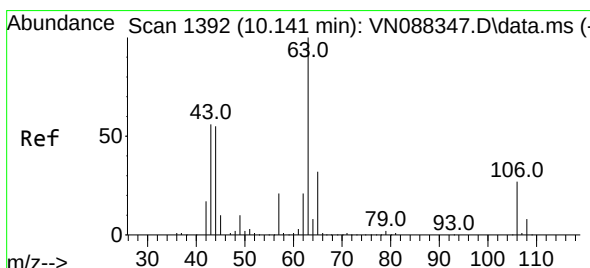
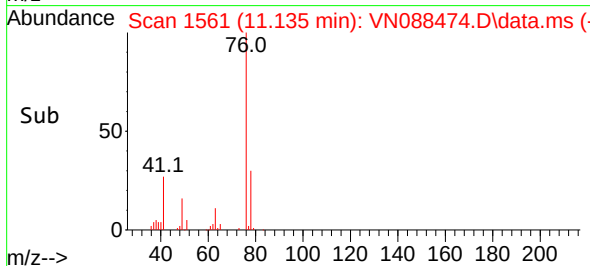
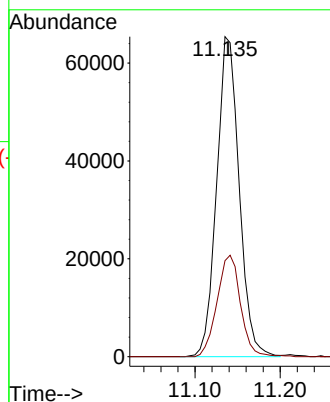
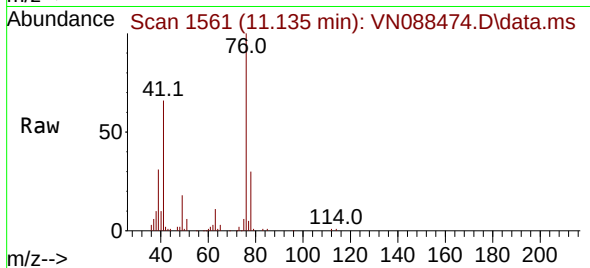
78 33.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.138 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088474.D

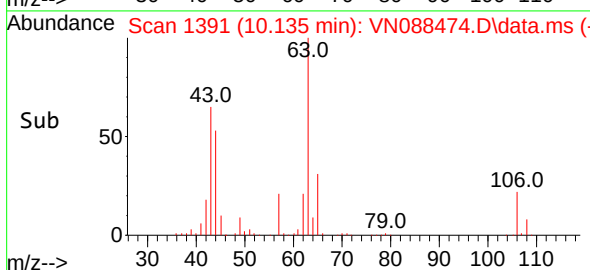
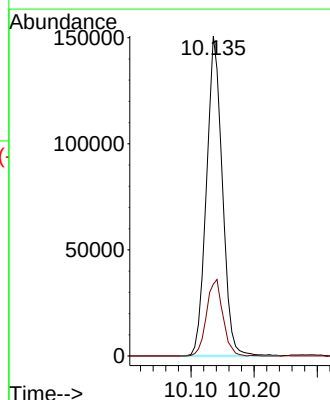
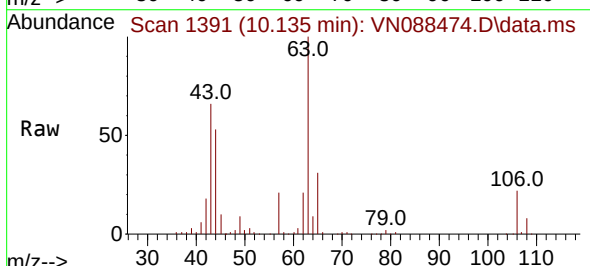
Acq: 09 Dec 2025 12:51

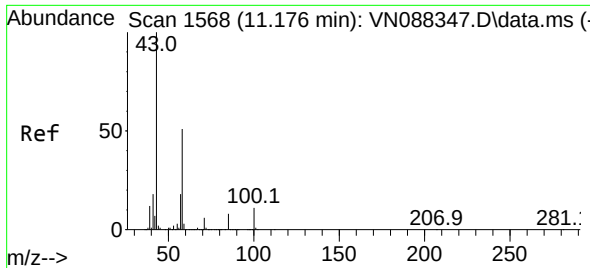
Tgt Ion: 63 Resp: 263107

Ion Ratio Lower Upper

63 100

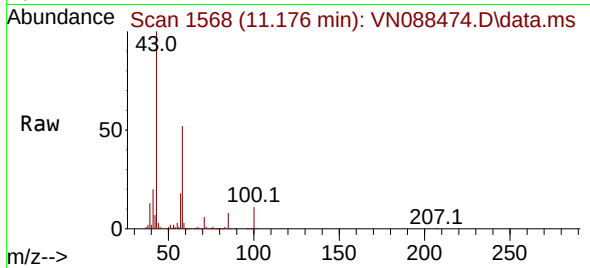
106 24.6 20.5 30.7





#59
2-Hexanone
Concen: 109.059 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

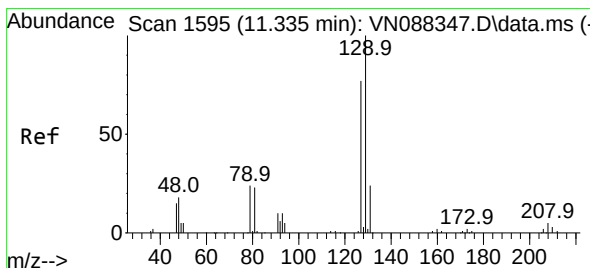
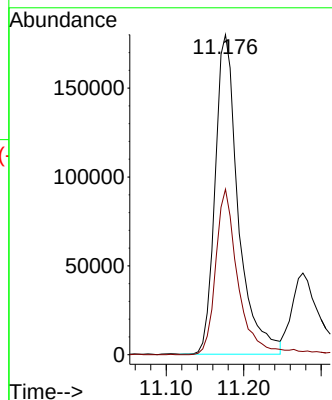
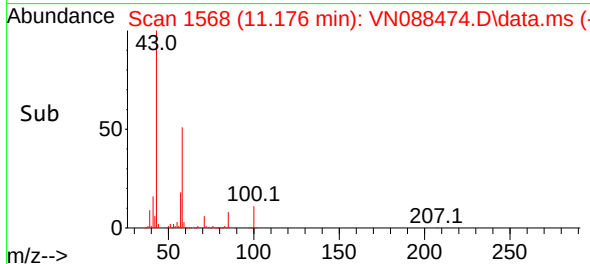
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



Tgt Ion: 43 Resp: 372869
Ion Ratio Lower Upper
43 100
58 51.0 25.3 75.9

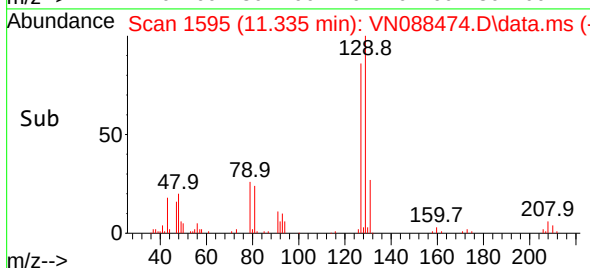
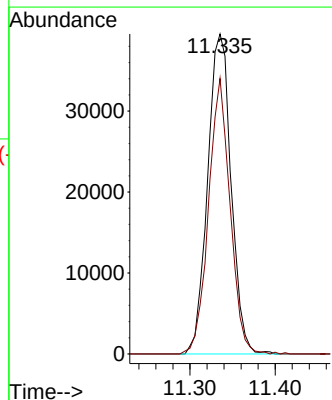
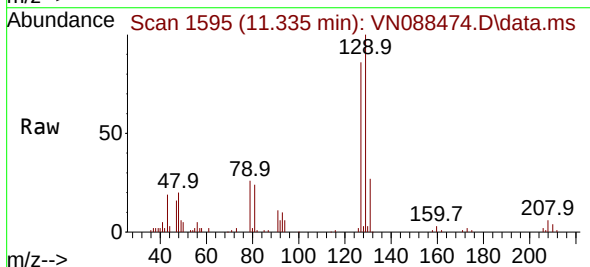
Manual Integrations
APPROVED

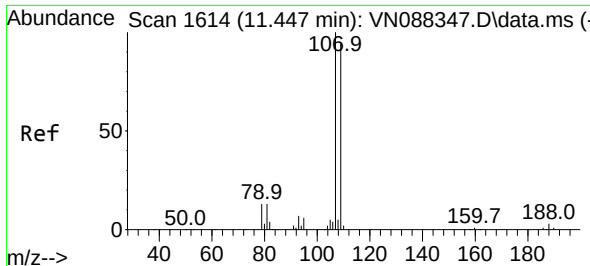
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
Dibromochloromethane
Concen: 22.071 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

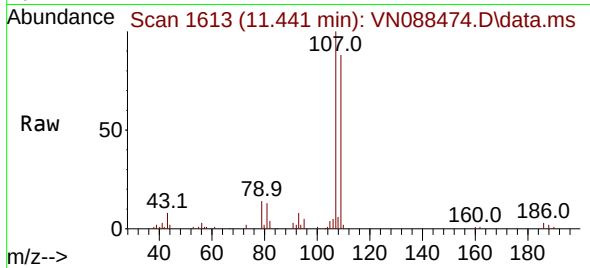
Tgt Ion:129 Resp: 75614
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6





#61
1,2-Dibromoethane
Concen: 22.182 ug/l
RT: 11.441 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

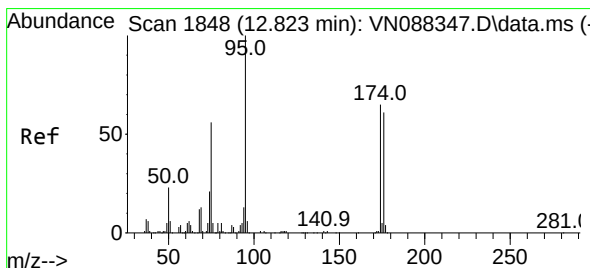
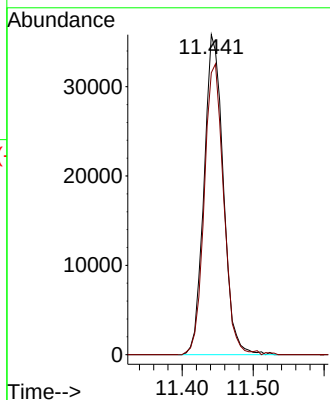
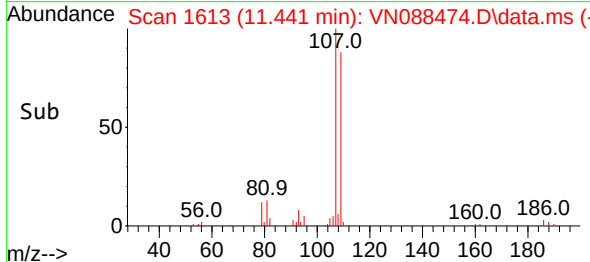
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



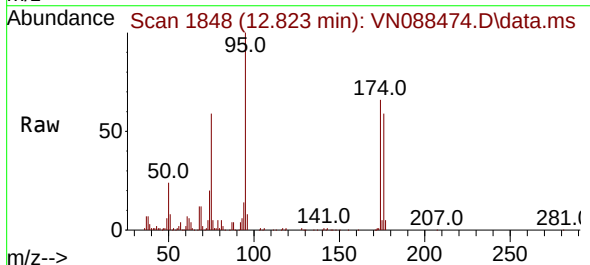
Tgt Ion:107 Resp: 67500
Ion Ratio Lower Upper
107 100
109 91.6 74.6 112.0

Manual Integrations
APPROVED

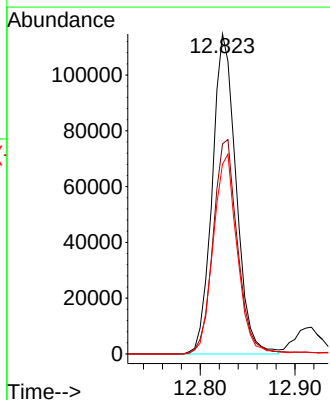
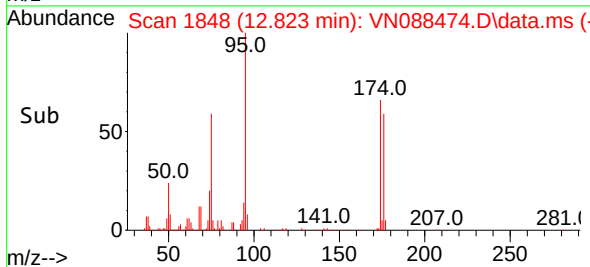
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

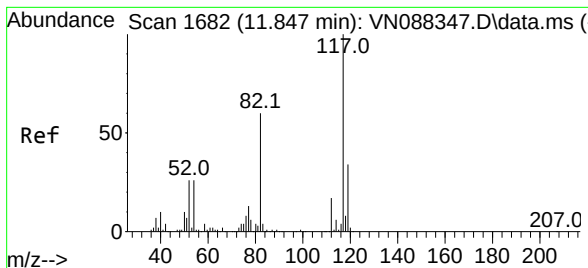


#62
4-Bromofluorobenzene
Concen: 52.917 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



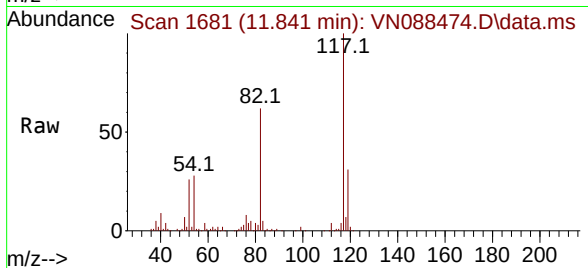
Tgt Ion: 95 Resp: 200629
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.0
176 63.1 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

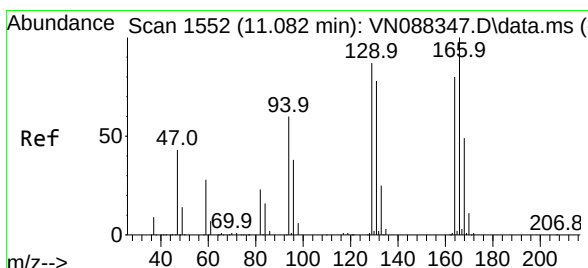
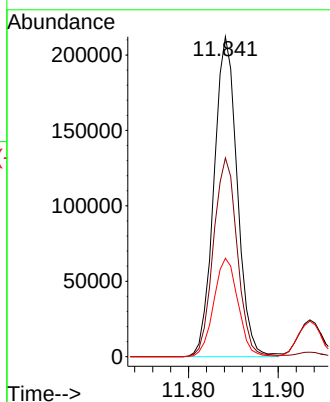
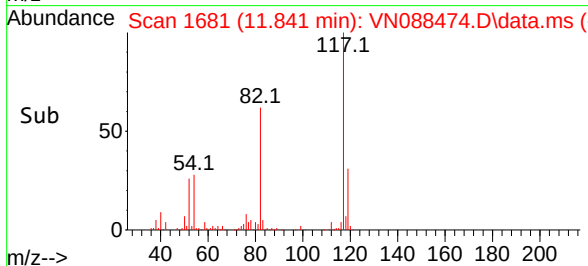
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



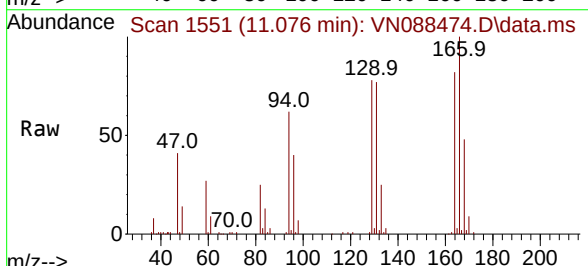
Tgt Ion:117 Resp: 38233
Ion Ratio Lower Upper
117 100
82 62.1 47.8 71.8
119 30.8 26.9 40.3

Manual Integrations
APPROVED

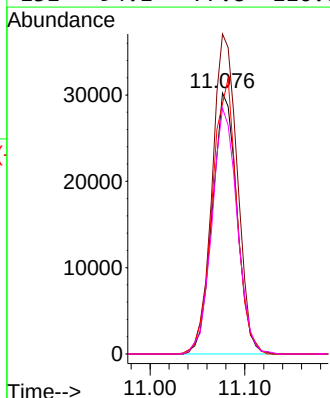
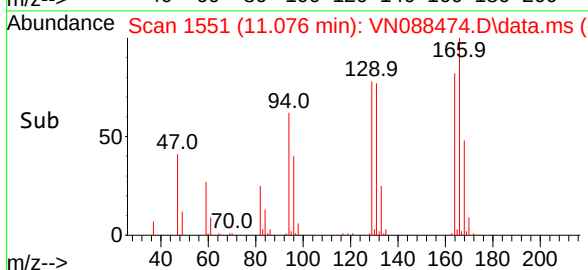
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

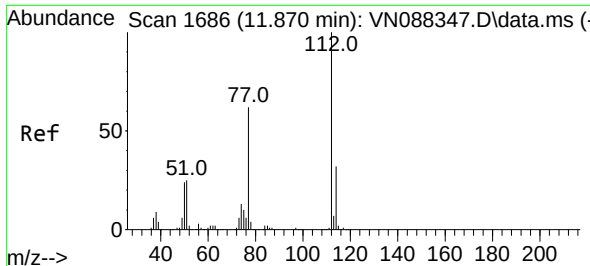


#64
Tetrachloroethene
Concen: 18.004 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



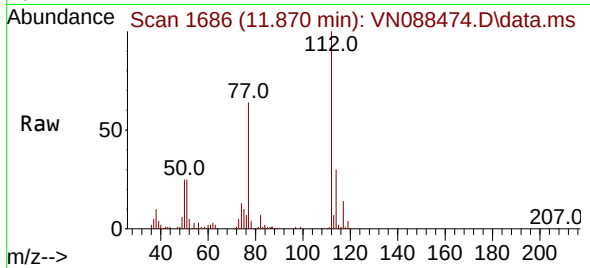
Tgt Ion:164 Resp: 54571
Ion Ratio Lower Upper
164 100
166 122.6 99.6 149.4
129 95.8 86.6 129.8
131 94.1 77.8 116.6





#65
Chlorobenzene
Concen: 21.480 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

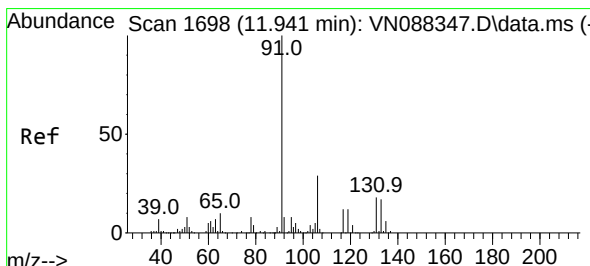
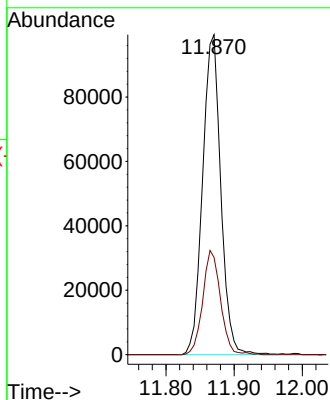
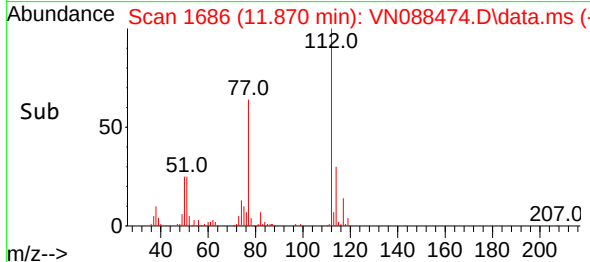
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



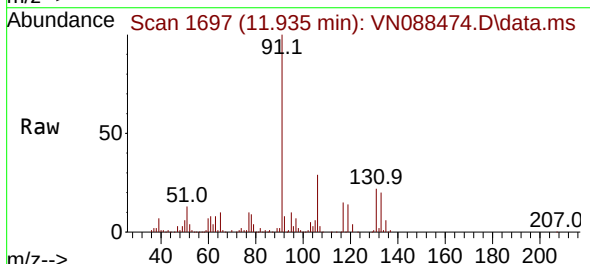
Tgt Ion:112 Resp: 18446
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2

Manual Integrations
APPROVED

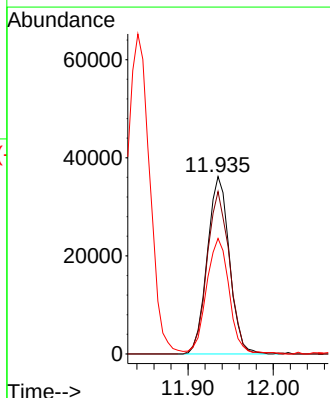
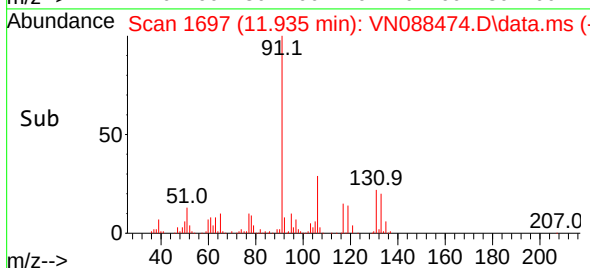
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

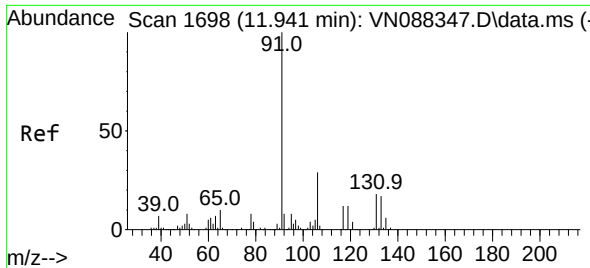


#66
1,1,1,2-Tetrachloroethane
Concen: 22.588 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



Tgt Ion:131 Resp: 65424
Ion Ratio Lower Upper
131 100
133 92.7 47.4 142.2
119 67.0 33.4 100.1





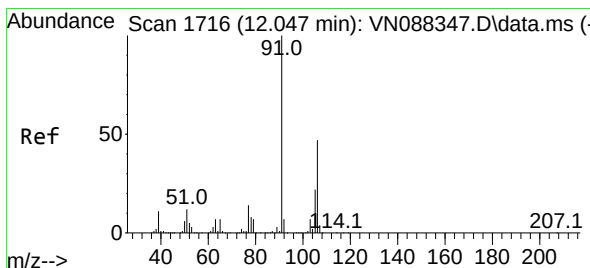
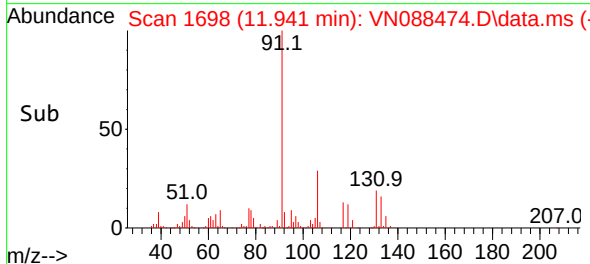
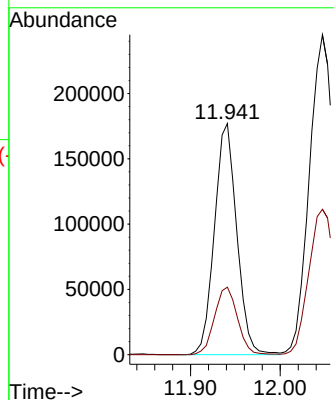
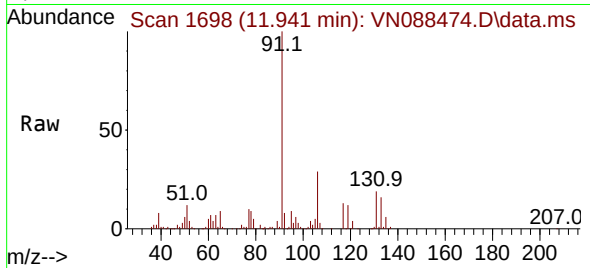
#67
Ethyl Benzene
Concen: 20.381 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 91 Resp: 305919
Ion Ratio Lower Upper
91 100
106 29.2 23.6 35.4

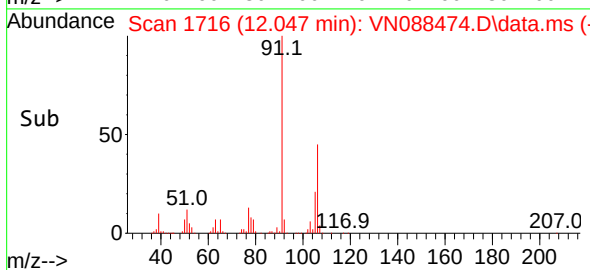
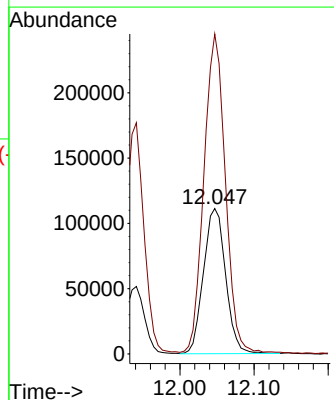
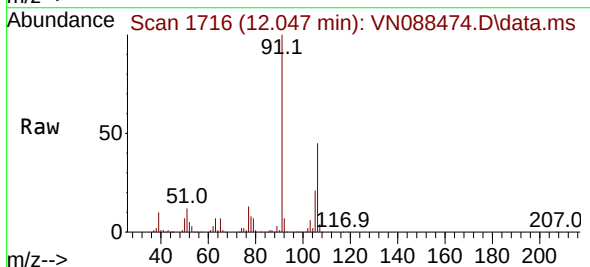
Manual Integrations
APPROVED

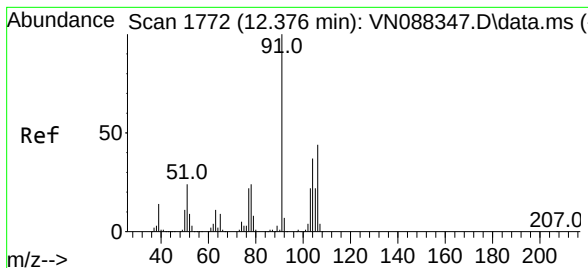
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#68
m/p-Xylenes
Concen: 41.446 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

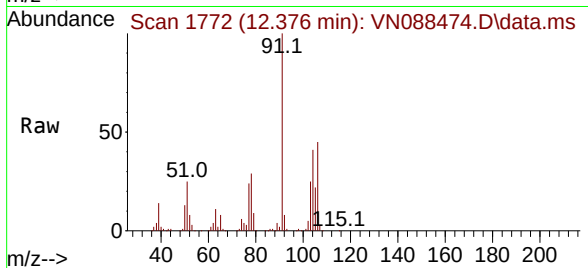
Tgt Ion:106 Resp: 230653
Ion Ratio Lower Upper
106 100
91 214.4 167.8 251.6





#69
o-Xylene
Concen: 19.923 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

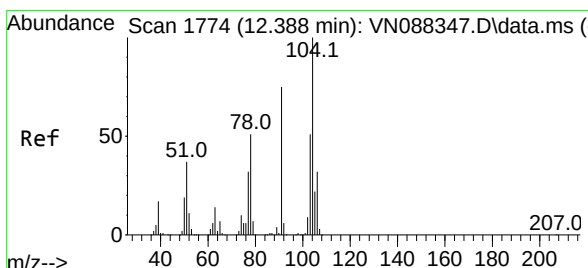
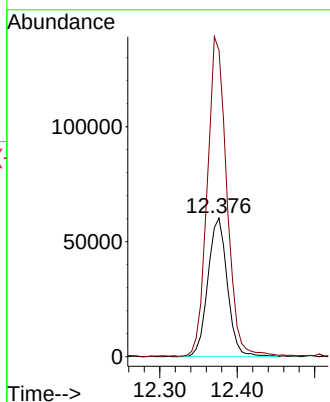
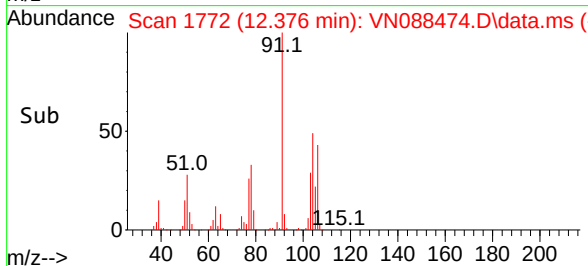
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



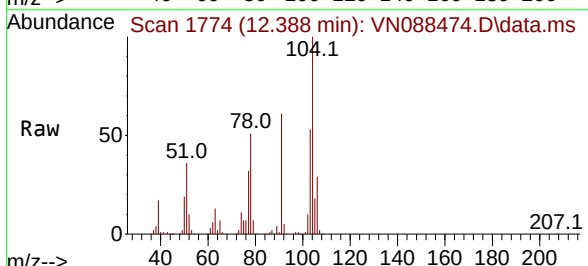
Tgt Ion:106 Resp: 105709
Ion Ratio Lower Upper
106 100
91 230.3 112.9 338.7

Manual Integrations
APPROVED

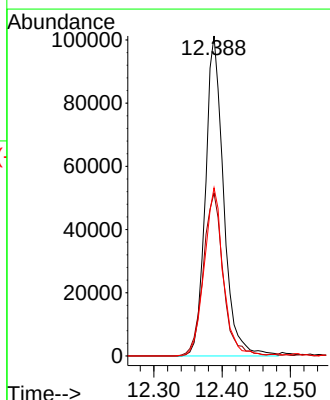
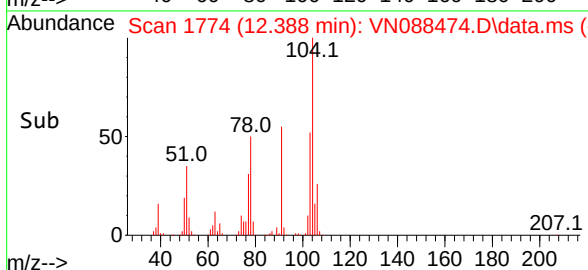
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

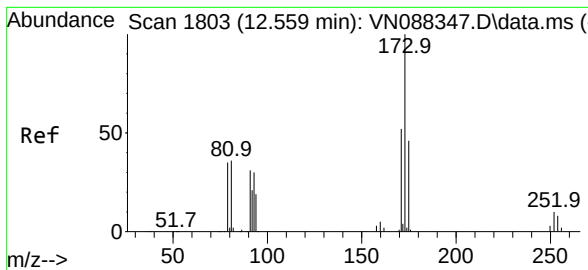


#70
Styrene
Concen: 21.794 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



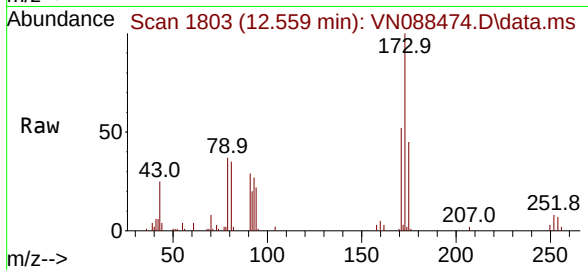
Tgt Ion:104 Resp: 187751
Ion Ratio Lower Upper
104 100
78 55.7 44.3 66.5
103 54.8 44.2 66.4





#71
Bromoform
Concen: 22.192 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

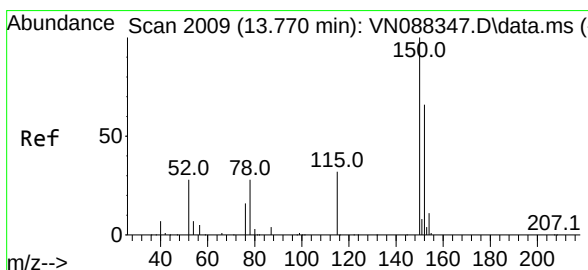
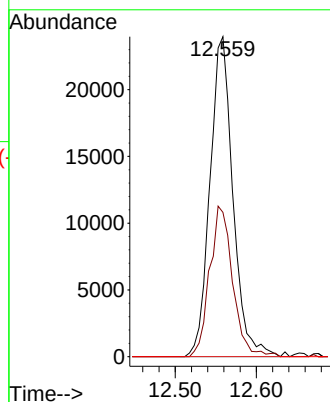
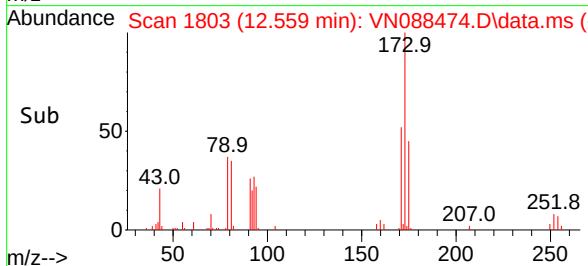
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



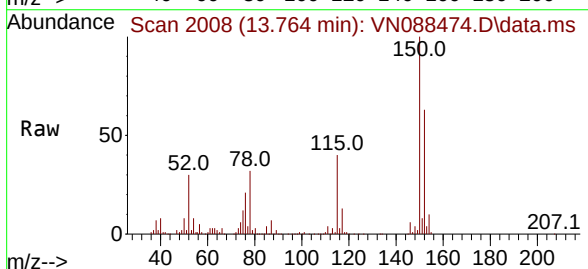
Tgt Ion:173 Resp: 47080
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
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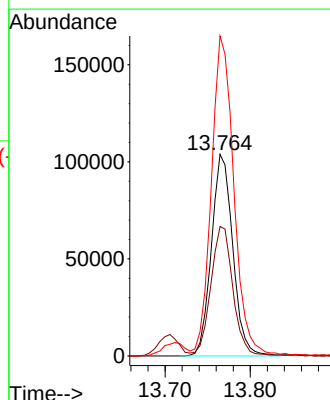
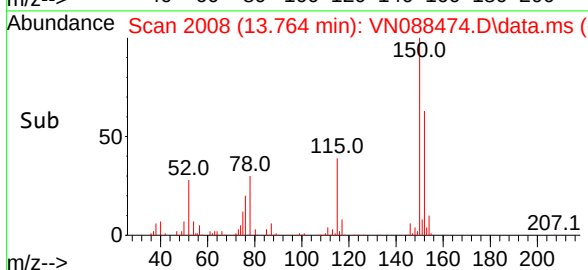
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

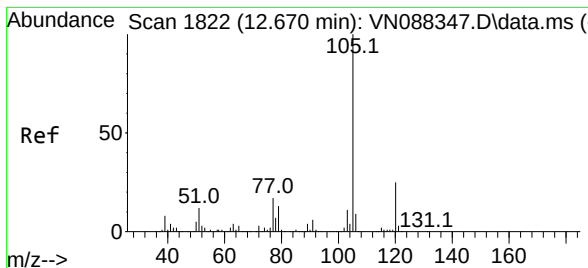


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.764 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



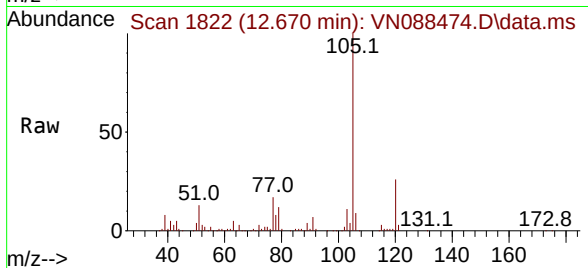
Tgt Ion:152 Resp: 181539
Ion Ratio Lower Upper
152 100
115 66.5 33.0 98.9
150 166.5 0.0 349.0





#73
Isopropylbenzene
Concen: 20.577 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

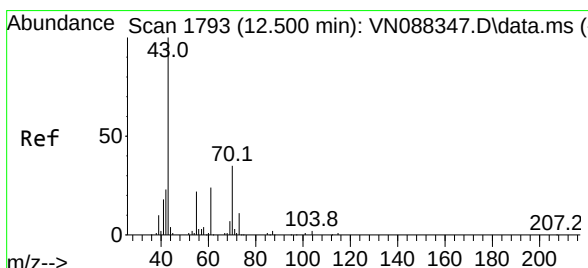
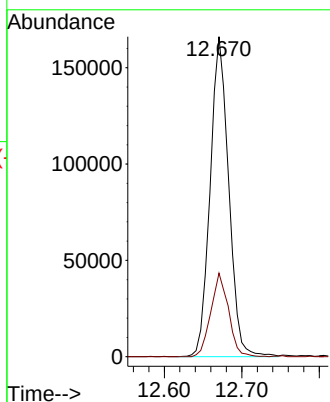
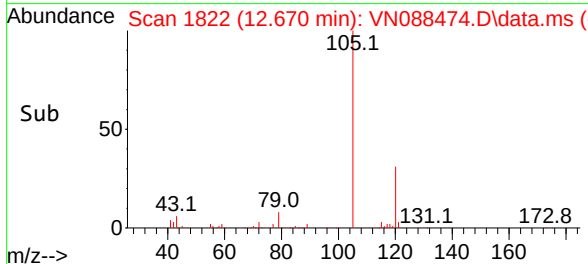
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



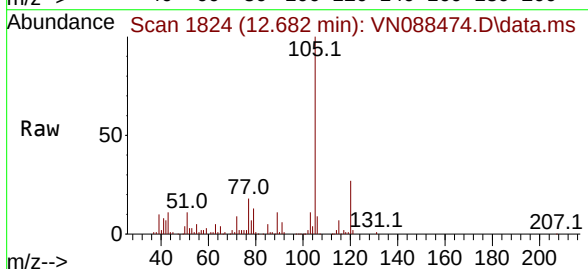
Tgt Ion:105 Resp: 27619
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3

Manual Integrations
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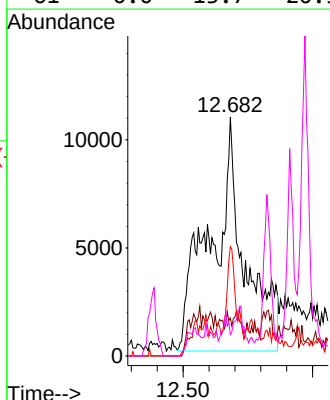
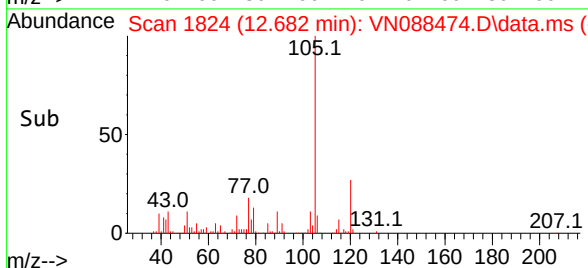
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

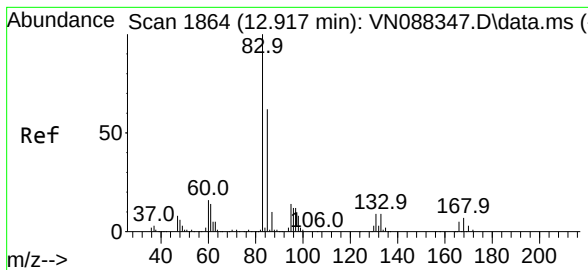


#74
N-ethyl acetate
Concen: 21.358 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



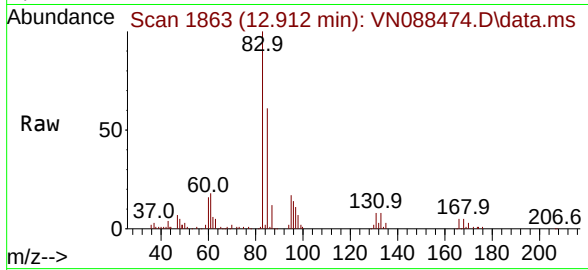
Tgt Ion: 43 Resp: 97633
Ion Ratio Lower Upper
43 100
70 0.8 28.3 42.5#
55 3.7 17.7 26.5#
61 0.0 13.7 20.5#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 23.269 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

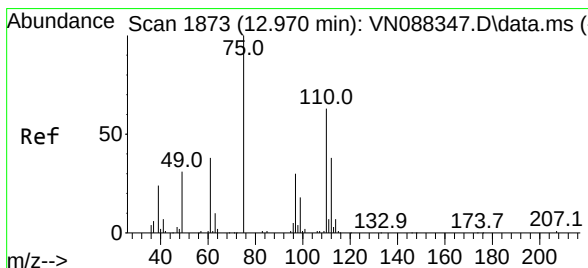
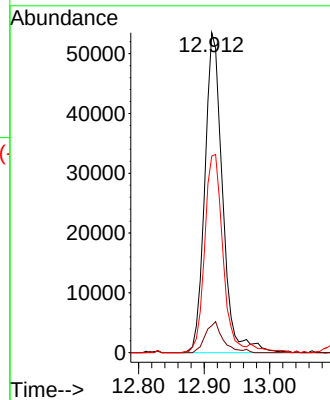
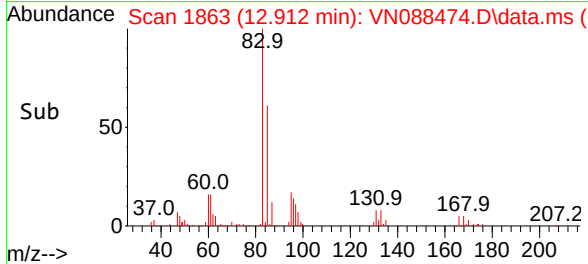
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01



Tgt Ion: 83 Resp: 10097
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.8 14.4
 85 62.8 32.1 96.5

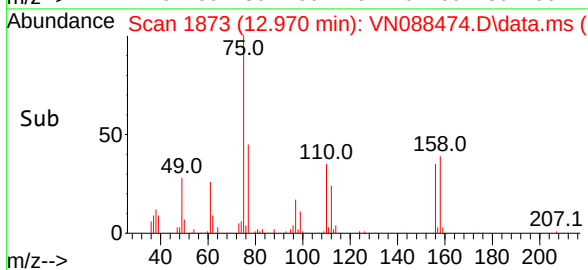
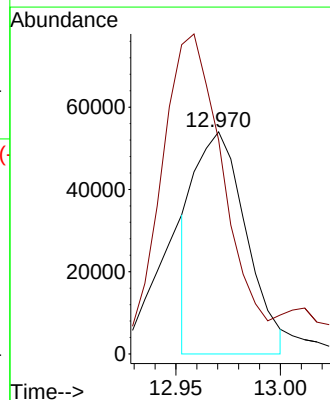
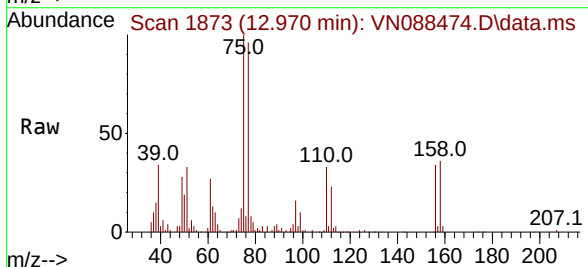
Manual Integrations
 APPROVED

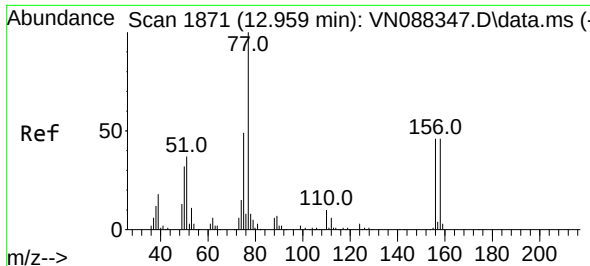
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#76
 1,2,3-Trichloropropane
 Concen: 21.994 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion: 75 Resp: 93516
 Ion Ratio Lower Upper
 75 100
 77 175.6 87.2 261.6





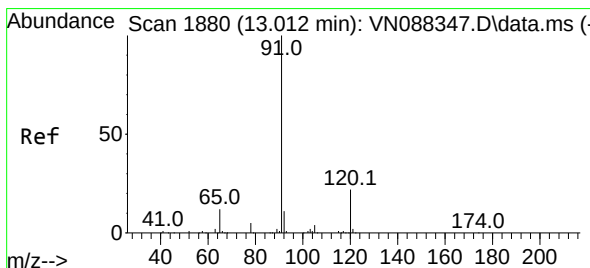
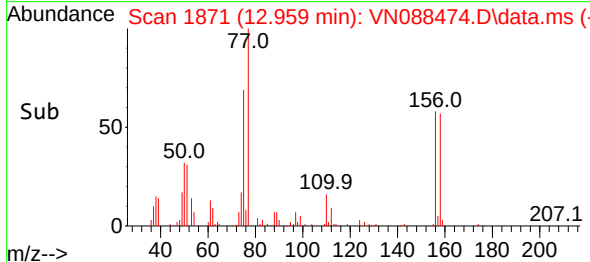
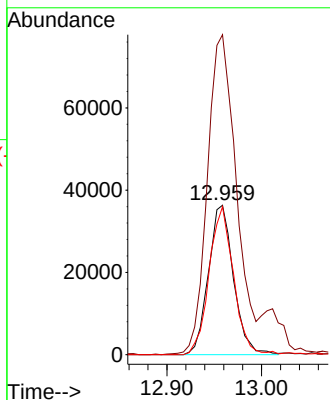
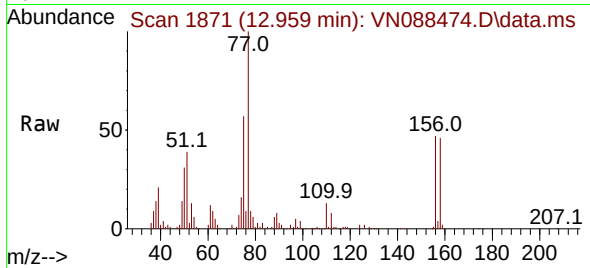
#77
Bromobenzene
Concen: 21.811 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion:156 Resp: 6698
Ion Ratio Lower Upper
156 100
77 245.1 121.6 364.7
158 96.5 48.6 145.8

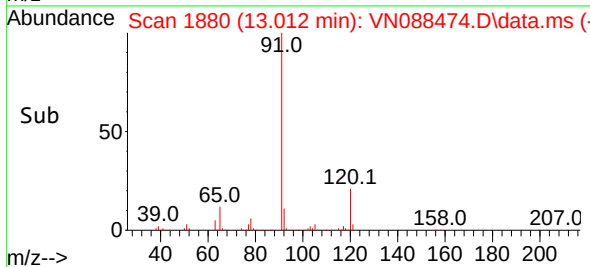
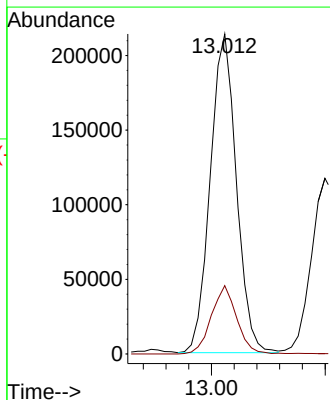
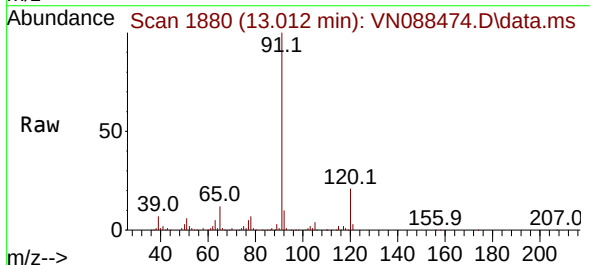
Manual Integrations
APPROVED

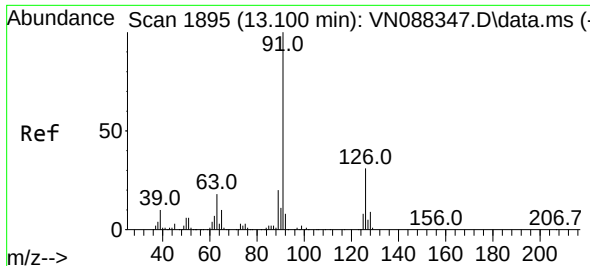
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#78
n-propylbenzene
Concen: 20.811 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 91 Resp: 341734
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.6





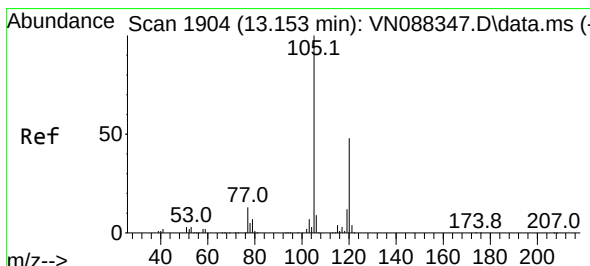
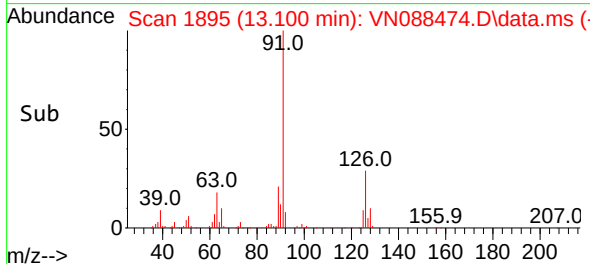
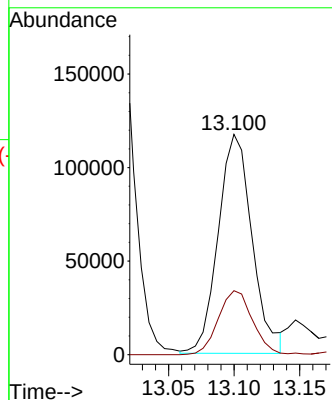
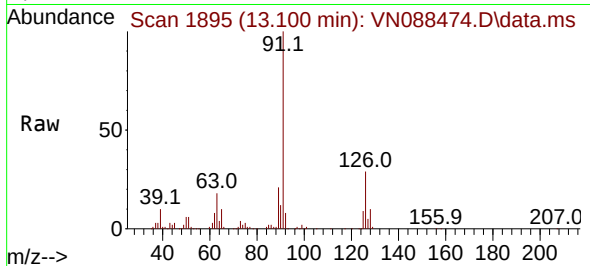
#79
2-Chlorotoluene
Concen: 21.001 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 91 Resp: 21059
Ion Ratio Lower Upper
91 100
126 29.7 15.3 45.9

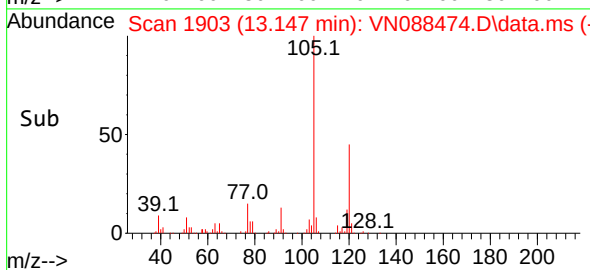
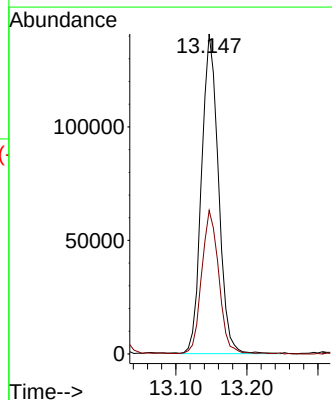
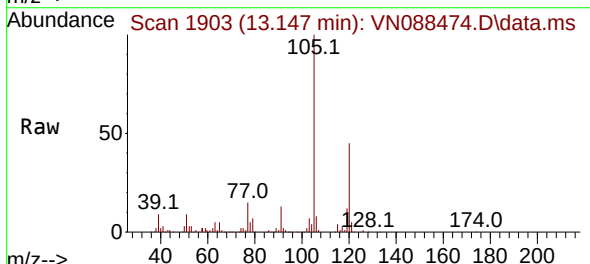
Manual Integrations
APPROVED

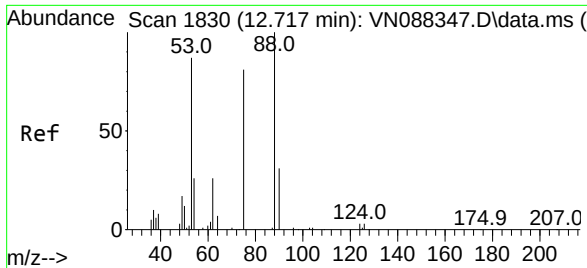
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.952 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

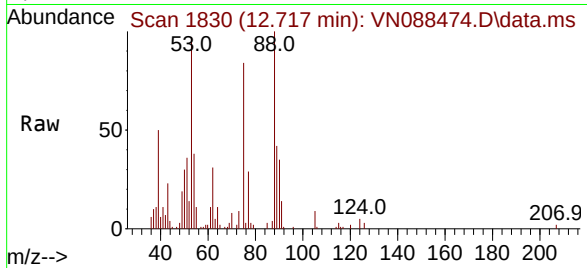
Tgt Ion:105 Resp: 233042
Ion Ratio Lower Upper
105 100
120 45.4 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 21.919 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

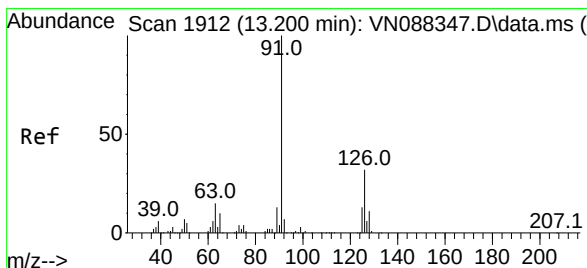
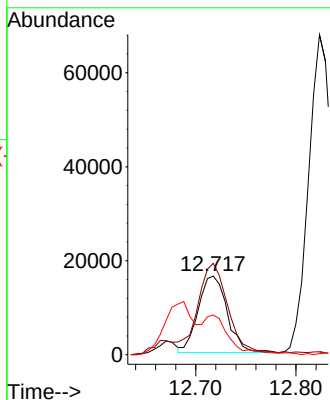
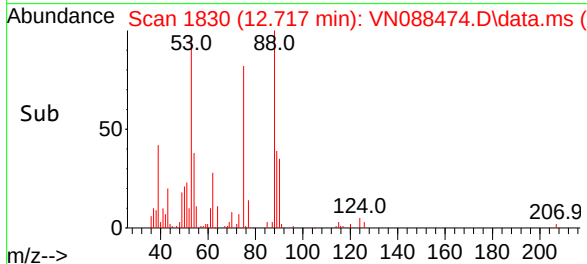
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



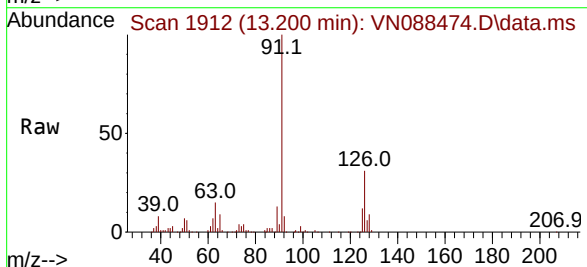
Tgt Ion: 75 Resp: 3285
Ion Ratio Lower Upper
75 100
53 122.8 92.2 138.4
89 42.7 0.0 0.0

Manual Integrations
APPROVED

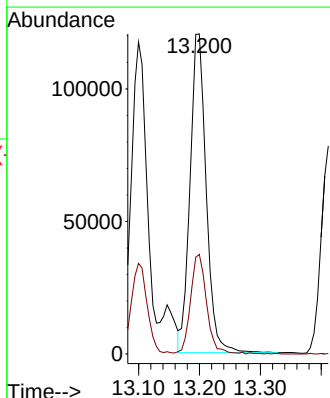
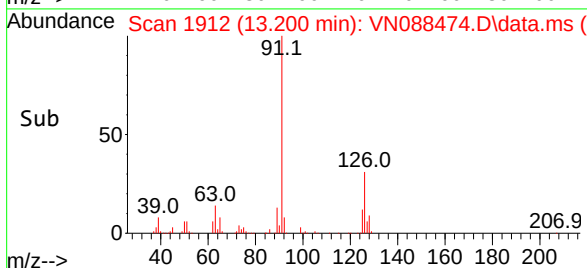
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

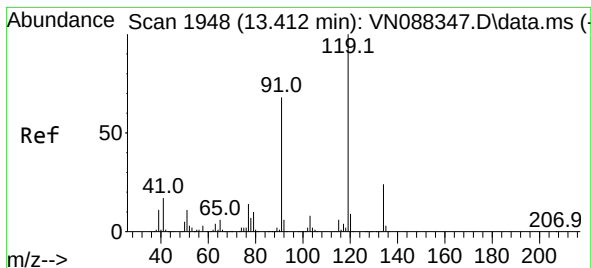


#82
4-Chlorotoluene
Concen: 22.310 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



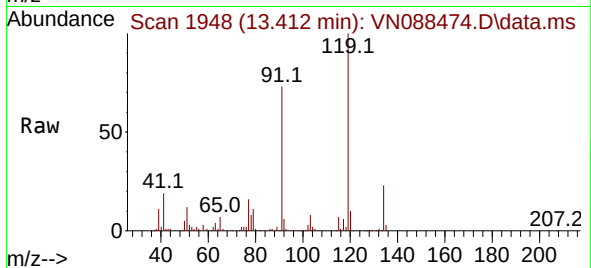
Tgt Ion: 91 Resp: 222207
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7





#83
tert-Butylbenzene
Concen: 18.928 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

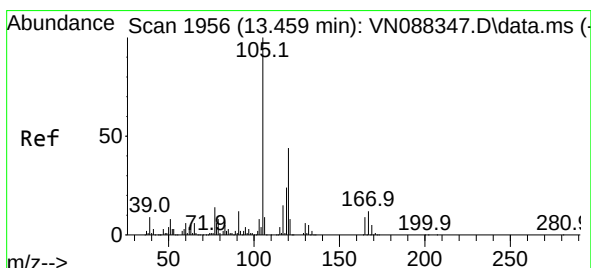
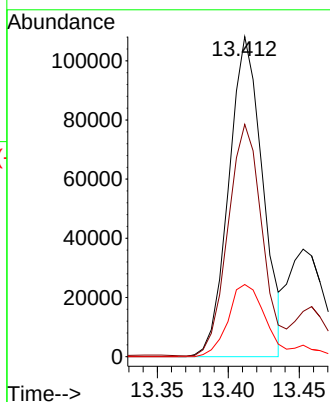
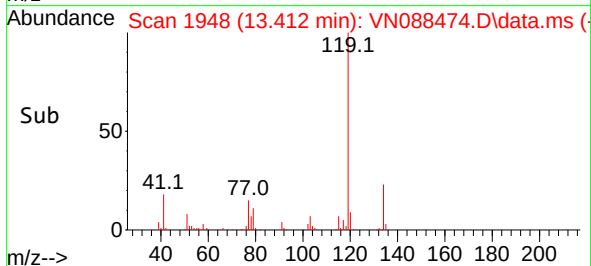
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



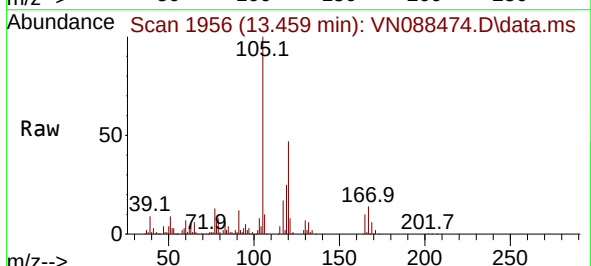
Tgt Ion:119 Resp: 178960
Ion Ratio Lower Upper
119 100
91 73.9 35.1 105.3
134 24.9 12.8 38.4

Manual Integrations
APPROVED

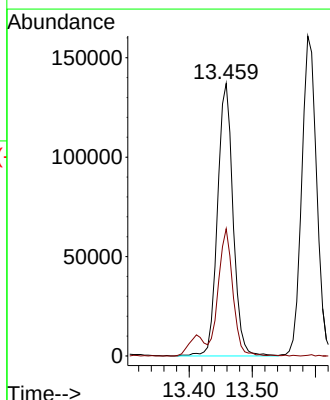
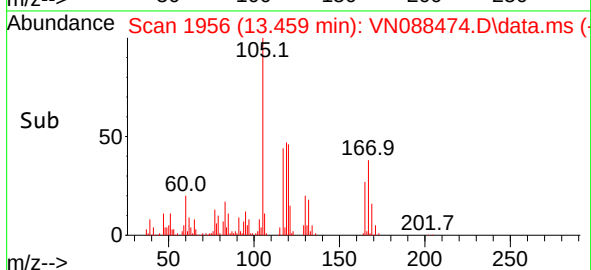
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

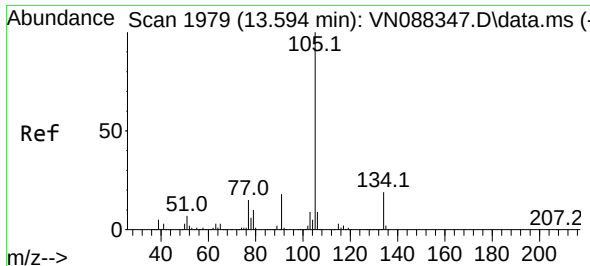


#84
1,2,4-Trimethylbenzene
Concen: 21.197 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



Tgt Ion:105 Resp: 234343
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





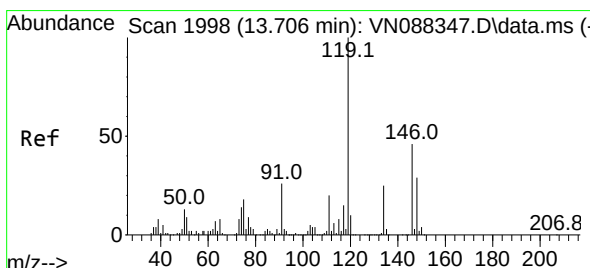
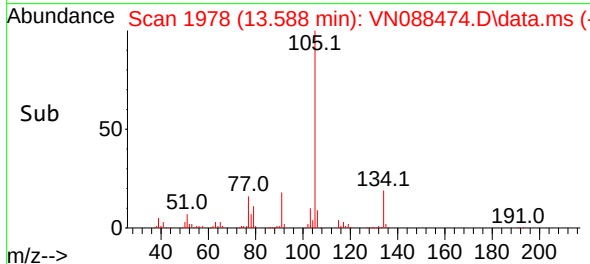
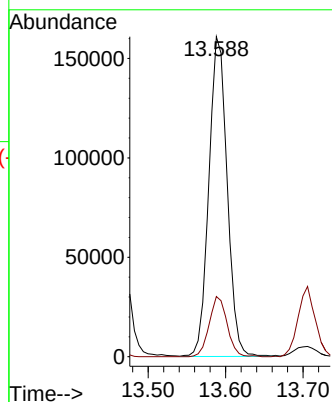
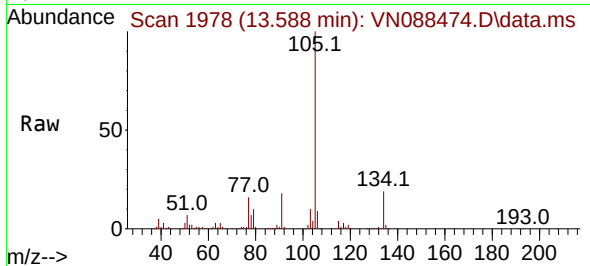
#85
 sec-Butylbenzene
 Concen: 19.476 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

Tgt Ion:105 Resp: 264540
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.5 28.5

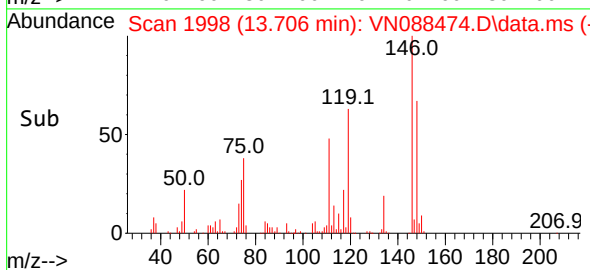
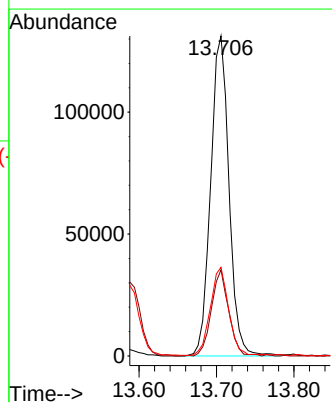
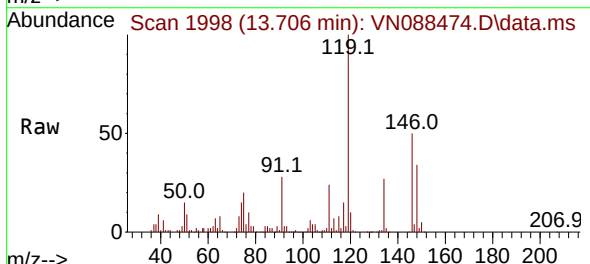
Manual Integrations
 APPROVED

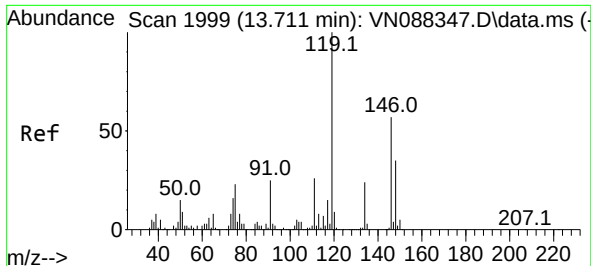
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#86
 p-Isopropyltoluene
 Concen: 19.375 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

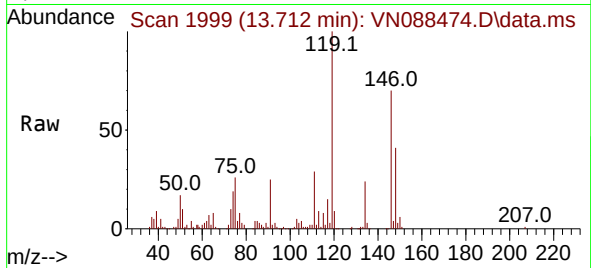
Tgt Ion:119 Resp: 215804
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.2 36.6
 91 27.3 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 21.441 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

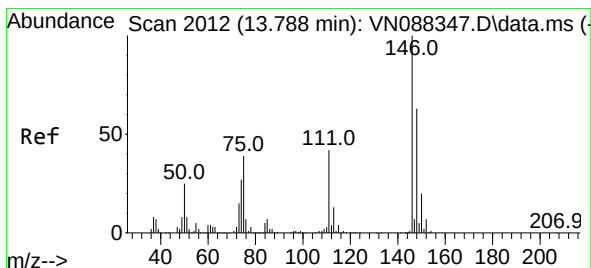
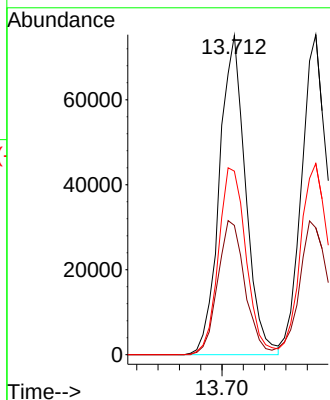
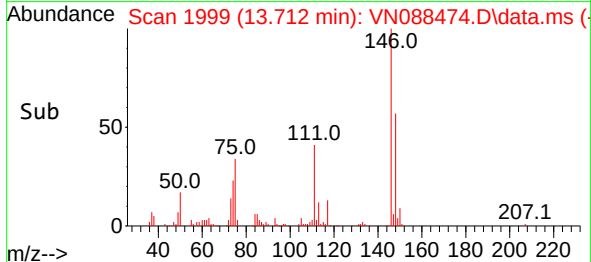
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



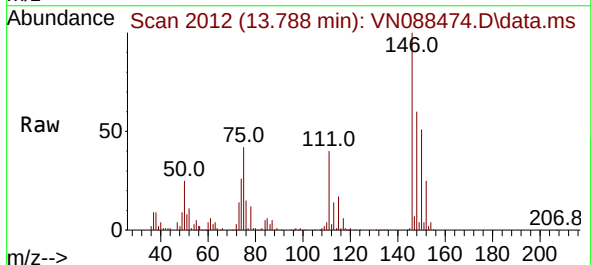
Tgt Ion:146 Resp: 12818
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.0
148 61.8 31.6 94.8

Manual Integrations
APPROVED

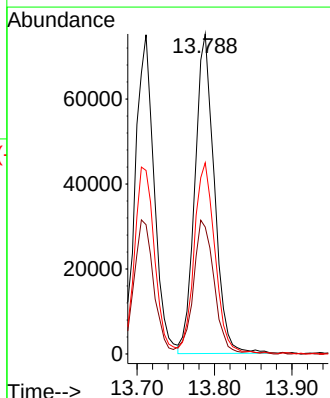
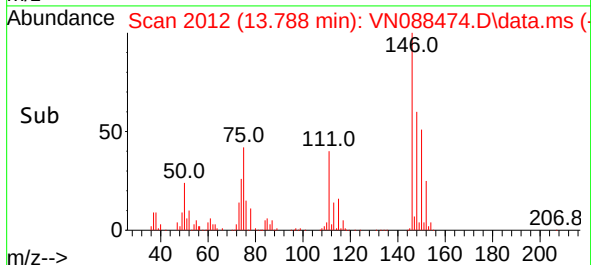
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

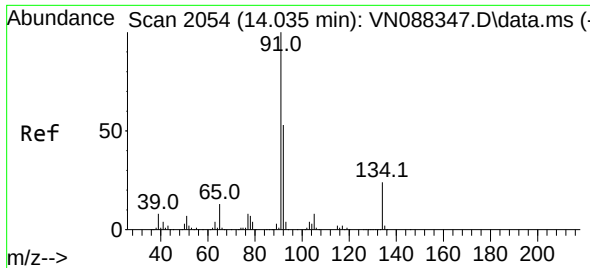


#88
1,4-Dichlorobenzene
Concen: 20.907 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



Tgt Ion:146 Resp: 130926
Ion Ratio Lower Upper
146 100
111 43.3 21.6 64.6
148 63.7 31.0 93.0





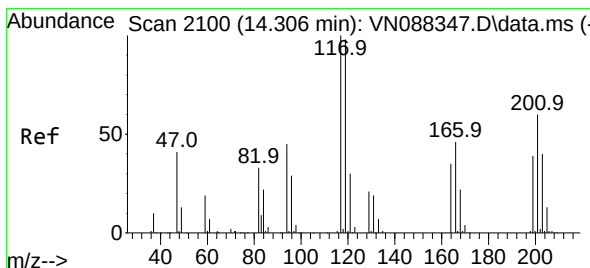
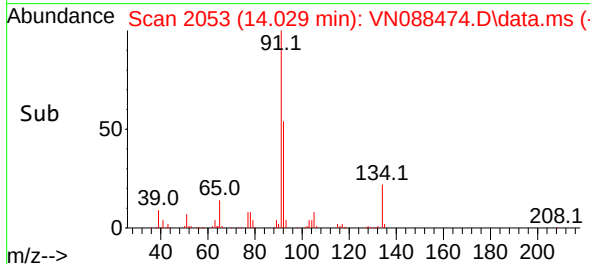
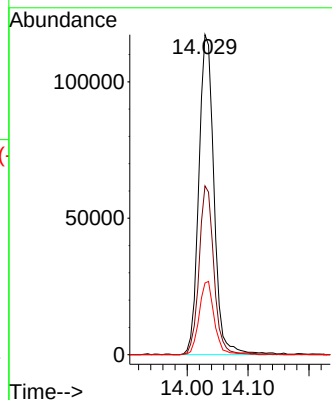
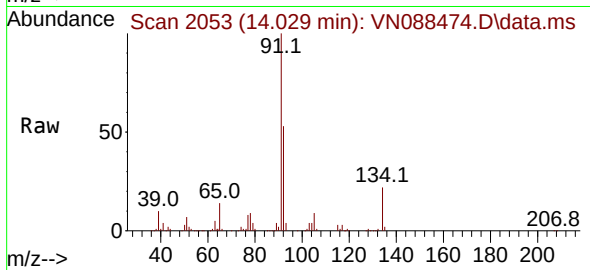
#89
n-Butylbenzene
Concen: 18.825 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 91 Resp: 20358
Ion Ratio Lower Upper
91 100
92 51.3 26.1 78.3
134 22.8 11.7 35.1

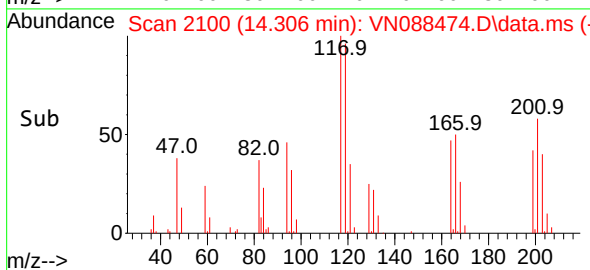
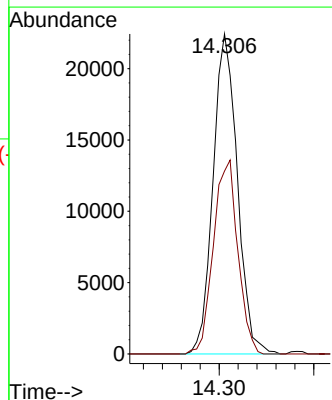
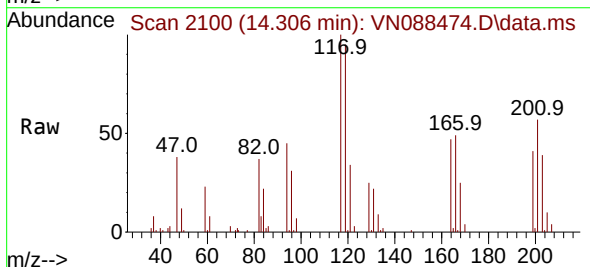
Manual Integrations
APPROVED

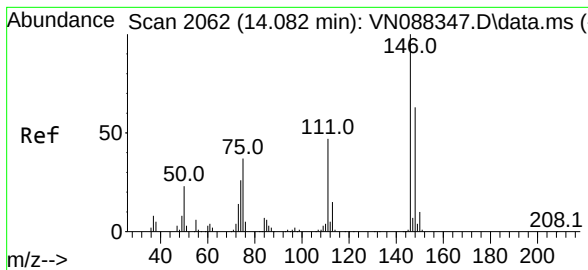
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#90
Hexachloroethane
Concen: 19.645 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:117 Resp: 39972
Ion Ratio Lower Upper
117 100
201 60.8 30.3 90.9





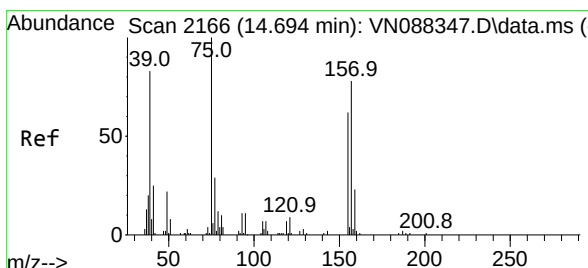
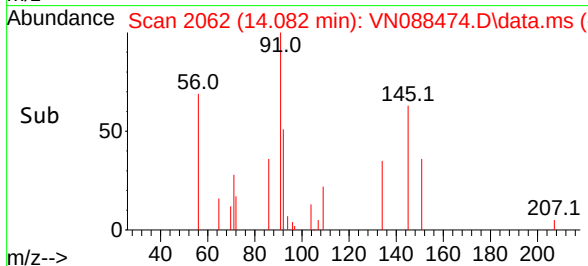
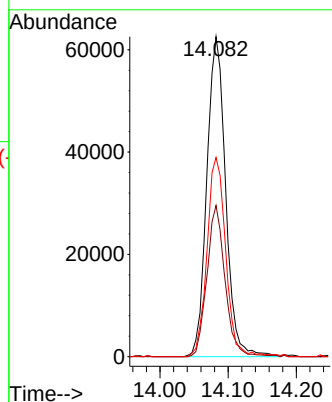
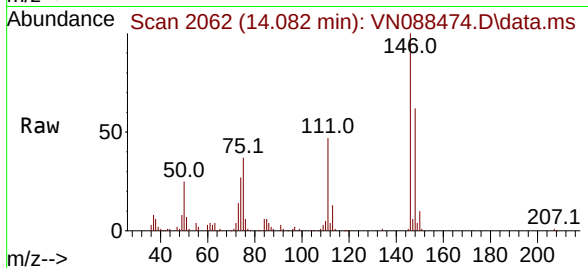
#91
1,2-Dichlorobenzene
Concen: 21.339 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion:146 Resp: 12005
Ion Ratio Lower Upper
146 100
111 45.7 23.3 69.9
148 62.3 31.8 95.4

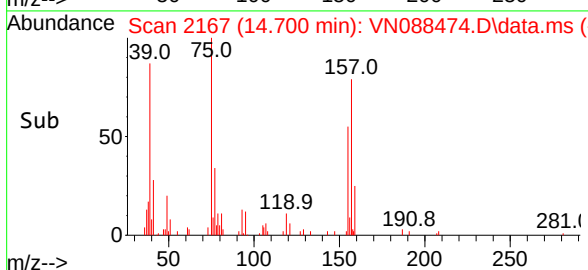
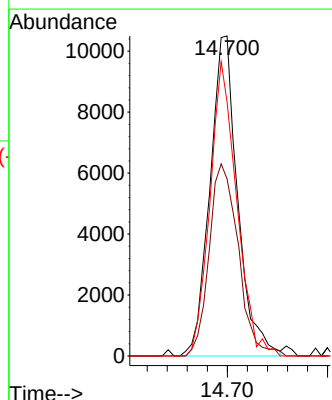
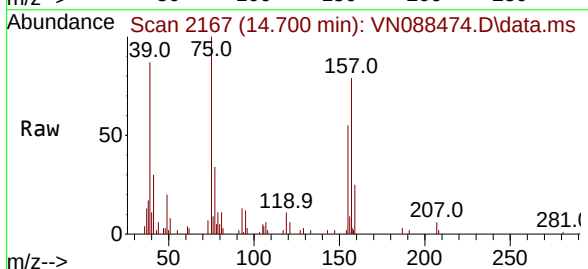
Manual Integrations
APPROVED

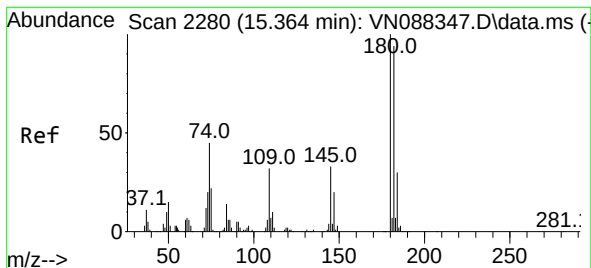
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.206 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 75 Resp: 20221
Ion Ratio Lower Upper
75 100
155 63.0 33.7 101.1
157 88.5 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.497 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

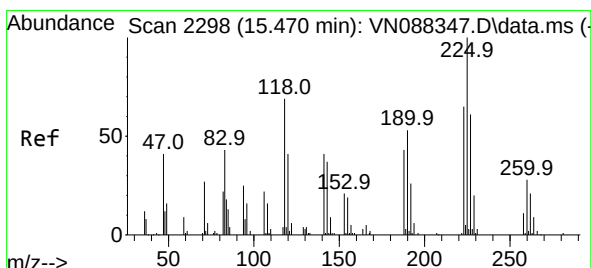
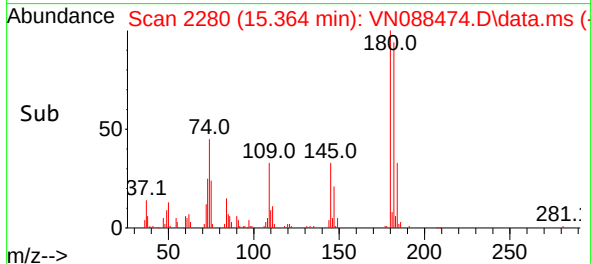
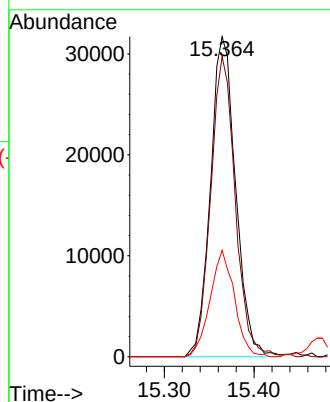
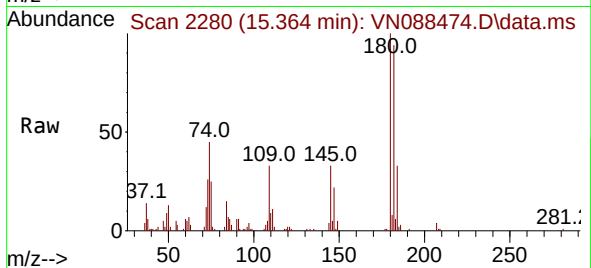
Tgt Ion:	180	Resp:	6183
Ion Ratio	Lower	Upper	
180	100		
182	91.2	46.1	138.2
145	32.2	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#94

Hexachlorobutadiene

Concen: 17.595 ug/l

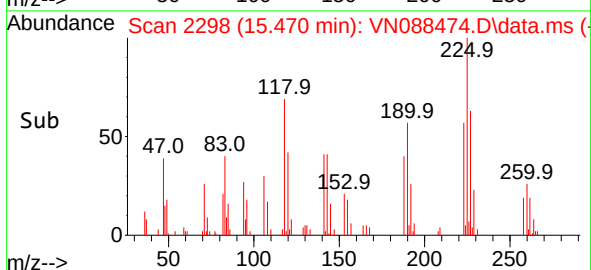
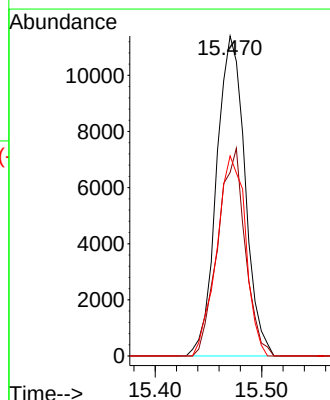
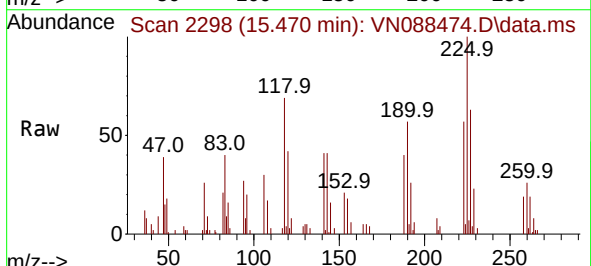
RT: 15.470 min Scan# 2298

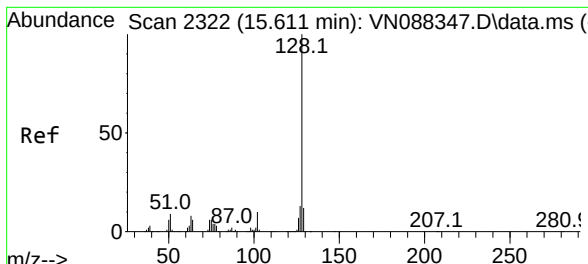
Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Tgt Ion:	225	Resp:	21136
Ion Ratio	Lower	Upper	
225	100		
223	62.3	32.3	96.8
227	63.6	29.9	89.8





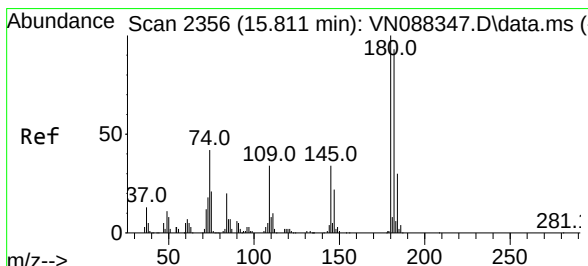
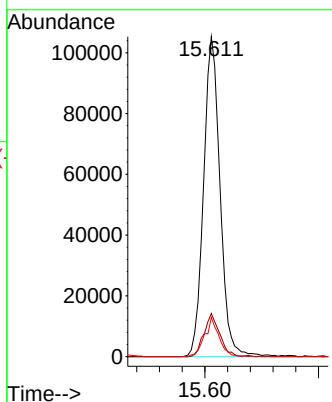
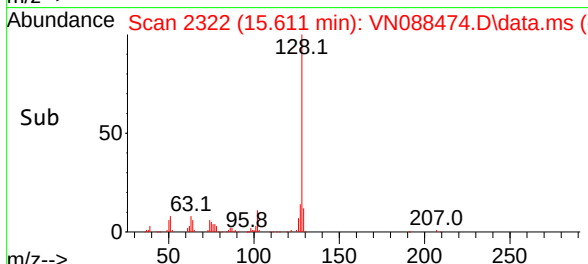
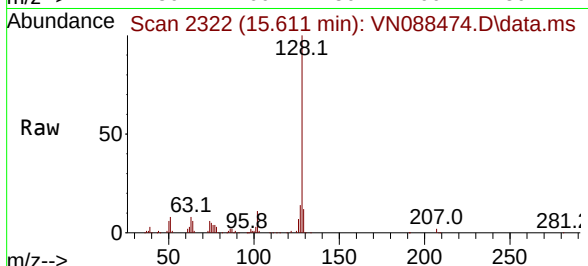
#95
 Naphthalene
 Concen: 18.276 ug/l
 RT: 15.611 min Scan# 21170
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Instrument : MSVOA_N
 ClientSampleId : VN1209MBS01

Tgt Ion:	128	Resp:	21170
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.6	9.0	13.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#96
 1,2,3-Trichlorobenzene
 Concen: 18.306 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion:	180	Resp:	59555
Ion Ratio	Lower	Upper	
180	100		
182	92.8	45.9	137.7
145	38.2	17.8	53.4

