

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088479.D
 Acq On : 09 Dec 2025 15:22
 Operator : JC\MD
 Sample : VN1209WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 05:07:58 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	275166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	534632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	484706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	331906	64.030	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.060%#			
35) Dibromofluoromethane	8.147	113	211572	57.105	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.200%			
50) Toluene-d8	10.541	98	776360	56.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.640%			
62) 4-Bromofluorobenzene	12.823	95	280790	59.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 118.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	83601	20.228	ug/l	99
3) Chloromethane	2.383	50	93589	21.084	ug/l	95
4) Vinyl Chloride	2.536	62	88515	19.601	ug/l	98
5) Bromomethane	2.989	94	47250	21.740	ug/l	98
6) Chloroethane	3.142	64	58702	21.005	ug/l	93
7) Trichlorofluoromethane	3.518	101	133691	21.064	ug/l	95
8) Diethyl Ether	3.959	74	58413	24.520	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	70716	20.929	ug/l	100
10) Methyl Iodide	4.583	142	65316	19.527	ug/l	95
11) Tert butyl alcohol	5.506	59	80201	96.909	ug/l #	92
12) 1,1-Dichloroethene	4.342	96	68938	20.535	ug/l	93
13) Acrolein	4.177	56	75630	95.454	ug/l	98
14) Allyl chloride	5.012	41	135774	21.820	ug/l	96
15) Acrylonitrile	5.700	53	267067	111.849	ug/l	99
16) Acetone	4.418	43	190667	101.708	ug/l	100
17) Carbon Disulfide	4.712	76	211959	19.321	ug/l	100
18) Methyl Acetate	5.012	43	133213	23.872	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	316793	25.187	ug/l	95
20) Methylene Chloride	5.265	84	88589	22.087	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	79656	21.420	ug/l	92
22) Diisopropyl ether	6.653	45	327453	24.650	ug/l	94
23) Vinyl Acetate	6.588	43	1436646	134.230	ug/l	98
24) 1,1-Dichloroethane	6.547	63	168522	22.401	ug/l	96
25) 2-Butanone	7.465	43	339401	112.618	ug/l	96
26) 2,2-Dichloropropane	7.471	77	150642	23.199	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	98223	22.727	ug/l	97
28) Bromochloromethane	7.794	49	79961	21.337	ug/l	96
29) Tetrahydrofuran	7.824	42	250938	116.086	ug/l	98
30) Chloroform	7.947	83	173311	23.446	ug/l	99
31) Cyclohexane	8.235	56	137390	20.153	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	145537	22.392	ug/l	98
36) 1,1-Dichloropropene	8.353	75	114437	20.014	ug/l	100
37) Ethyl Acetate	7.547	43	155509	20.684	ug/l	99
38) Carbon Tetrachloride	8.341	117	117522	20.646	ug/l	96
39) Methylcyclohexane	9.576	83	112040	18.319	ug/l	94
40) Benzene	8.582	78	356240	21.227	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	85501	22.961	ug/l	95
42) 1,2-Dichloroethane	8.647	62	150357	23.483	ug/l	99
43) Isopropyl Acetate	8.671	43	249691	21.736	ug/l	99
44) Trichloroethene	9.329	130	75188	18.961	ug/l	97
45) 1,2-Dichloropropane	9.600	63	92815	21.586	ug/l	94
46) Dibromomethane	9.688	93	66627	21.713	ug/l	99
47) Bromodichloromethane	9.865	83	139322	22.252	ug/l	98
48) Methyl methacrylate	9.659	41	119184	22.740	ug/l	97
49) 1,4-Dioxane	9.682	88	22403	336.103	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	755952	111.647	ug/l	100
52) Toluene	10.606	92	233777	24.125	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	146165	22.743	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	149977	22.191	ug/l	93
55) 1,1,2-Trichloroethane	10.988	97	86302	23.019	ug/l	97
56) Ethyl methacrylate	10.853	69	141095	23.824	ug/l	98
57) 1,3-Dichloropropane	11.141	76	150394	22.235	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.135	63	281907	82.567	ug/l	99
59) 2-Hexanone	11.176	43	465308	109.089	ug/l	100
60) Dibromochloromethane	11.335	129	98719	23.097	ug/l	100
61) 1,2-Dibromoethane	11.447	107	82628	21.764	ug/l	98
64) Tetrachloroethene	11.076	164	62769	16.335	ug/l	95
65) Chlorobenzene	11.865	112	231267	21.242	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	78174	21.289	ug/l	99
67) Ethyl Benzene	11.941	91	396069	20.814	ug/l	99
68) m/p-Xylenes	12.047	106	290616	41.191	ug/l	96
69) o-Xylene	12.370	106	138744	20.627	ug/l	96
70) Styrene	12.388	104	235824	21.592	ug/l	99
71) Bromoform	12.559	173	56906	21.158	ug/l #	98
73) Isopropylbenzene	12.670	105	351916	21.017	ug/l	99
74) N-amyl acetate	12.682	43	106821m	18.732	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	118630	21.915	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	116411m	21.947	ug/l	
77) Bromobenzene	12.959	156	83384	21.764	ug/l	97
78) n-propylbenzene	13.012	91	432061	21.092	ug/l	99
79) 2-Chlorotoluene	13.100	91	273973	21.901	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	296904	21.398	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	35950	19.227	ug/l #	58
82) 4-Chlorotoluene	13.200	91	279099	22.463	ug/l	99
83) tert-Butylbenzene	13.412	119	237196	20.110	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	307962	22.330	ug/l	98
85) sec-Butylbenzene	13.588	105	330502	19.505	ug/l	100
86) p-Isopropyltoluene	13.706	119	281936	20.291	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	155451	20.843	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	157803	20.199	ug/l	94
89) n-Butylbenzene	14.029	91	256507	19.013	ug/l	99
90) Hexachloroethane	14.306	117	48740	19.202	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	150847	21.493	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27384	20.850	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	77945	18.691	ug/l	93
94) Hexachlorobutadiene	15.470	225	24066	16.060	ug/l	96
95) Naphthalene	15.611	128	289415	20.028	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	75298	18.554	ug/l	99

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MSVOA_N
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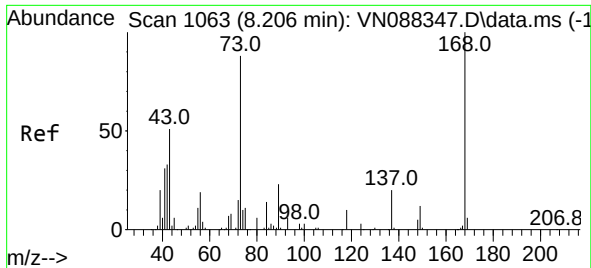
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 10 05:07:58 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

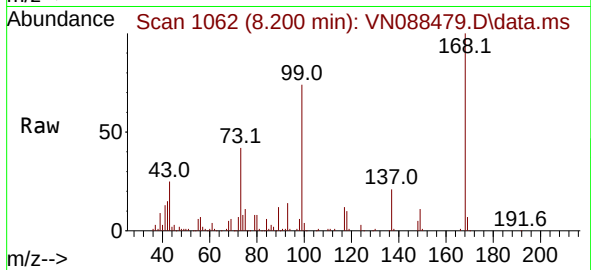
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
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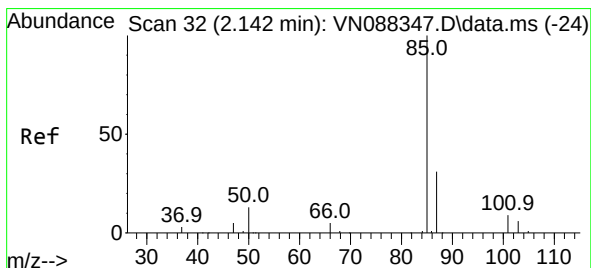
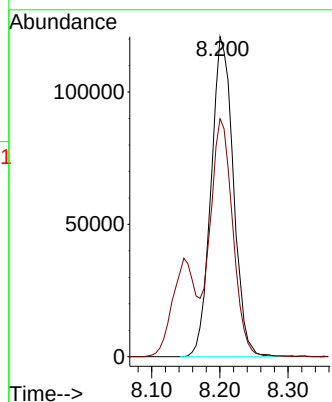
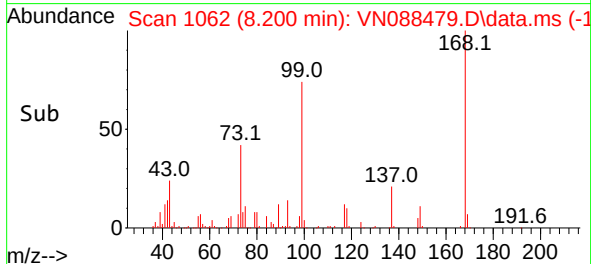
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:168 Resp: 275160
Ion Ratio Lower Upper
168 100
99 74.1 57.1 85.7

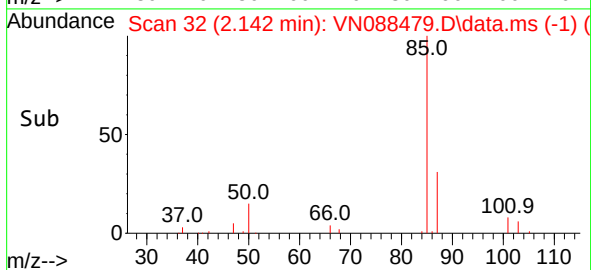
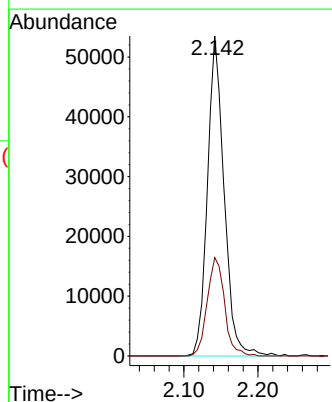
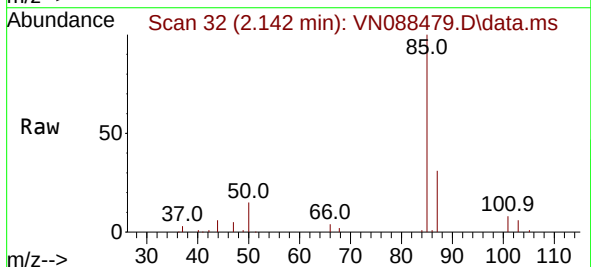
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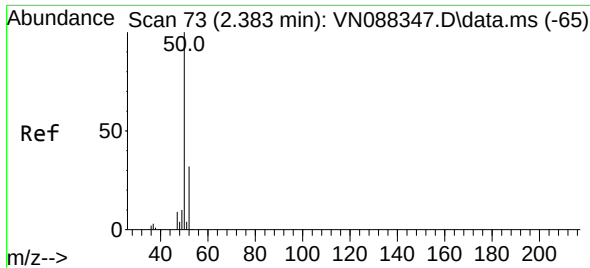
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#2
Dichlorodifluoromethane
Concen: 20.228 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

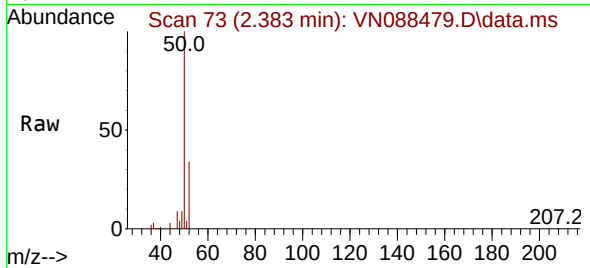
Tgt Ion: 85 Resp: 83601
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.7





#3
Chloromethane
Concen: 21.084 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

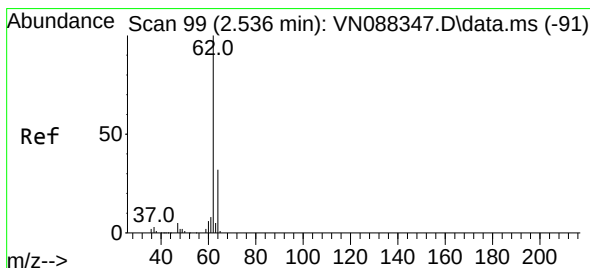
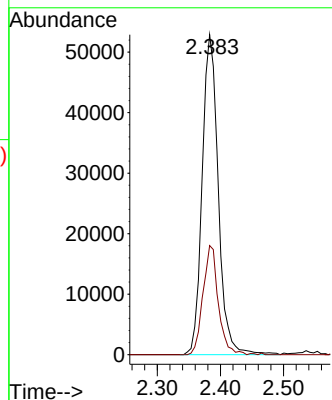
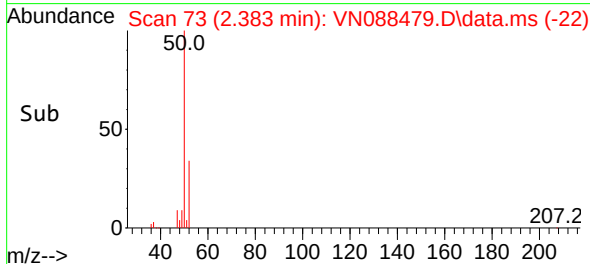
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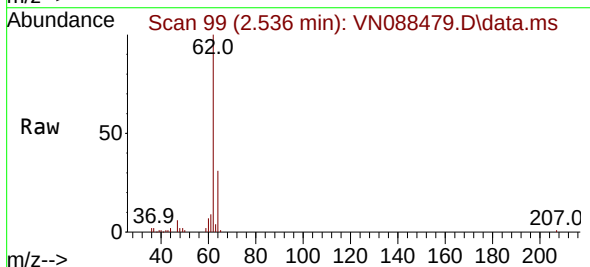
Tgt Ion: 50 Resp: 93589
Ion Ratio Lower Upper
50 100
52 34.1 25.2 37.8

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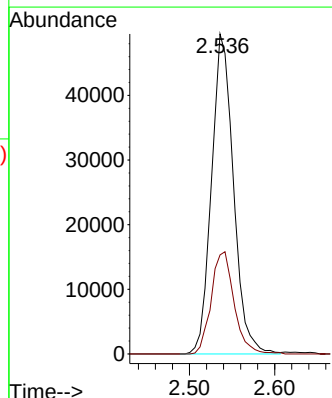
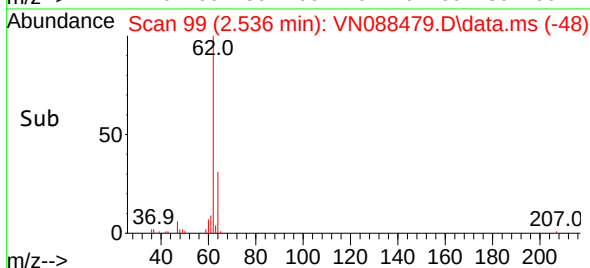
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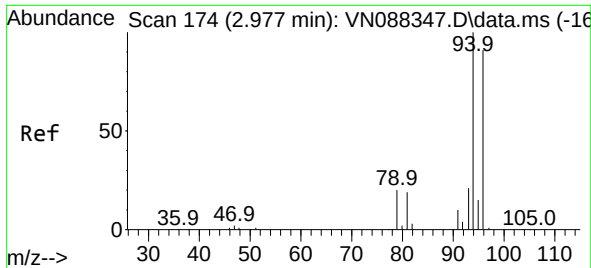


#4
Vinyl Chloride
Concen: 19.601 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion: 62 Resp: 88515
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.2





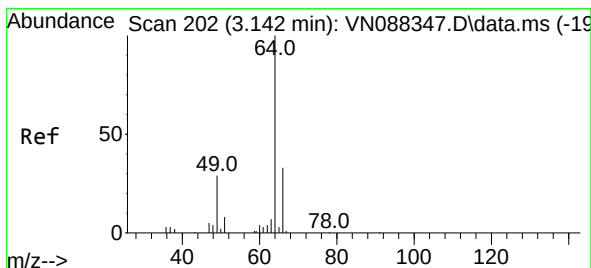
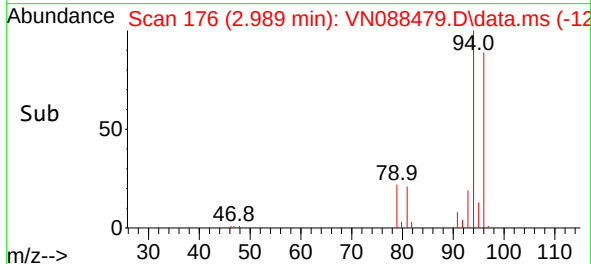
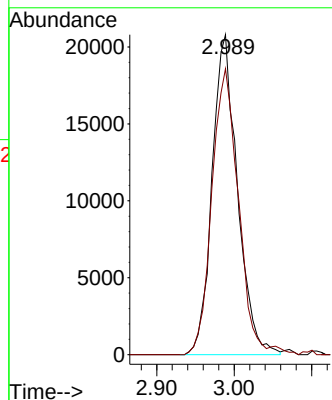
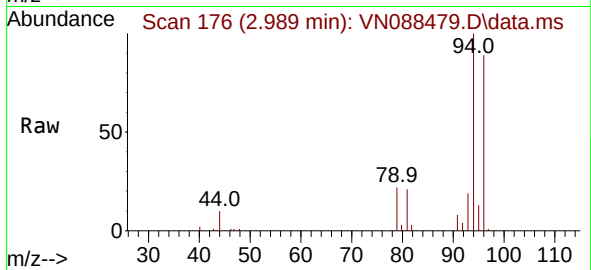
#5
Bromomethane
Concen: 21.740 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN088479.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 47250
Ion Ratio Lower Upper
94 100
96 89.3 73.2 109.8

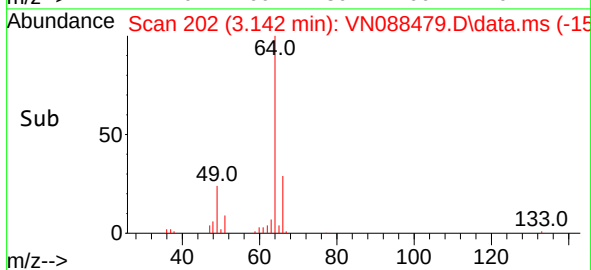
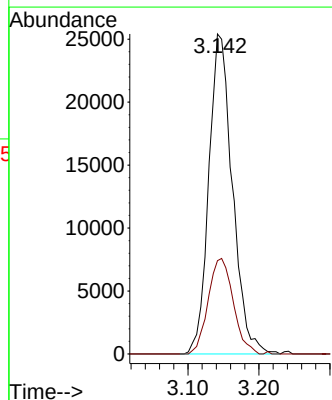
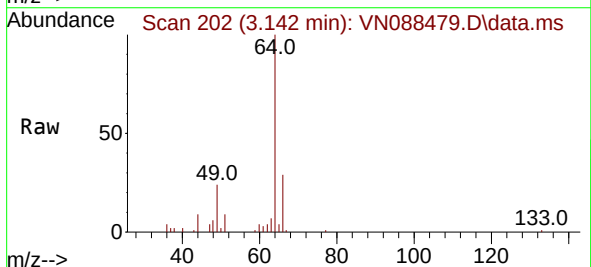
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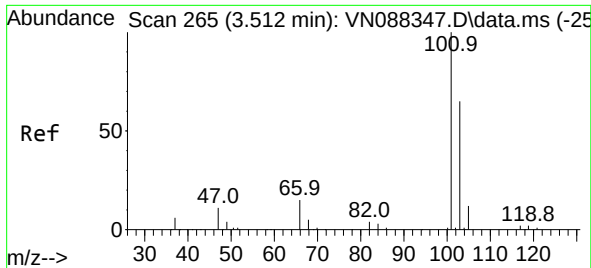
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#6
Chloroethane
Concen: 21.005 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

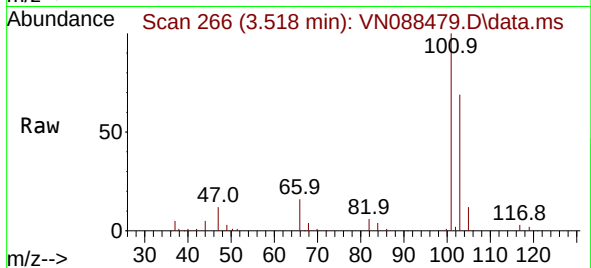
Tgt Ion: 64 Resp: 58702
Ion Ratio Lower Upper
64 100
66 29.2 26.4 39.6





#7
Trichlorofluoromethane
Concen: 21.064 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088479.D
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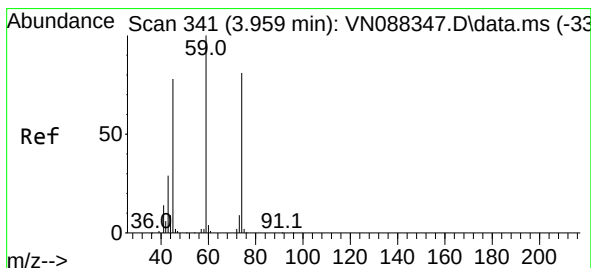
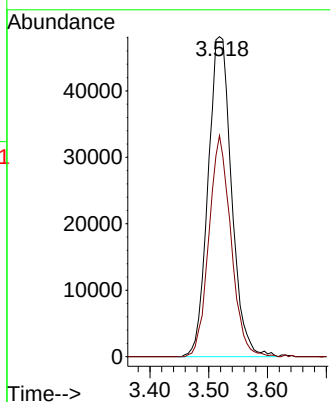
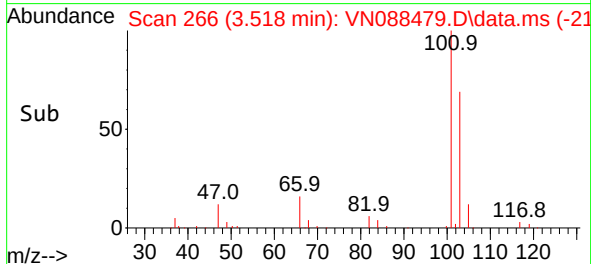
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:101 Resp: 13369
Ion Ratio Lower Upper
101 100
103 69.1 52.3 78.5

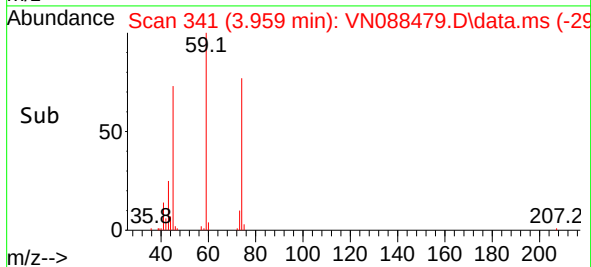
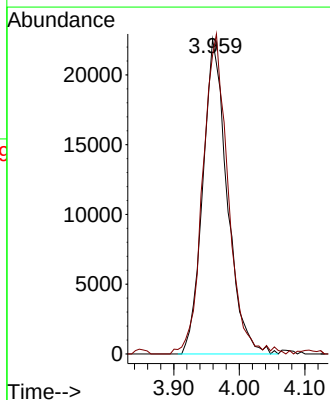
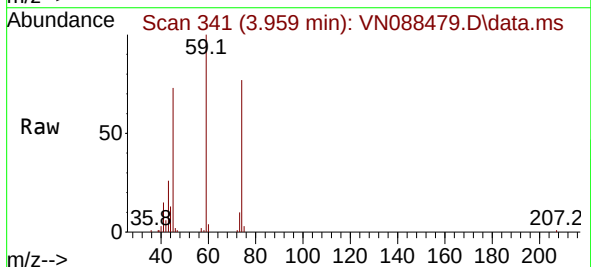
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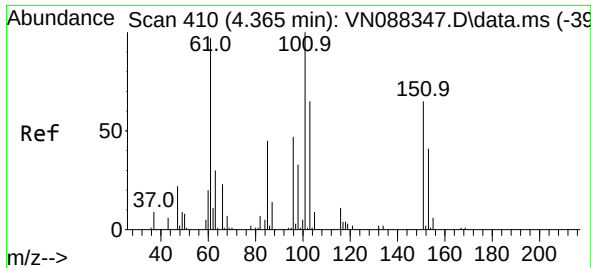
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#8
Diethyl Ether
Concen: 24.520 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 58413
Ion Ratio Lower Upper
74 100
45 104.1 54.2 162.6





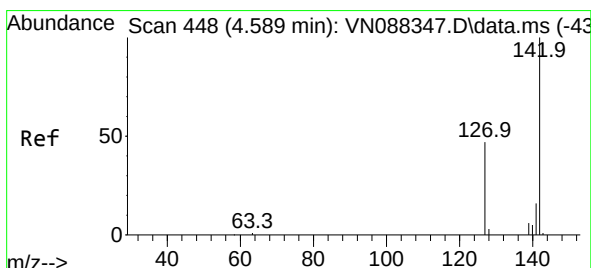
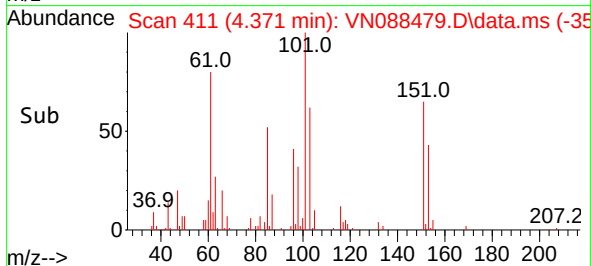
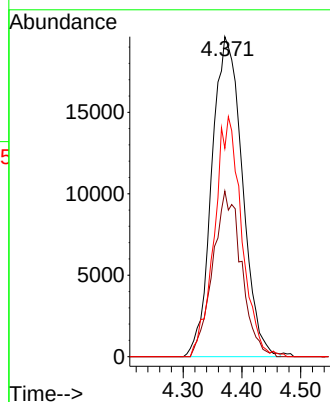
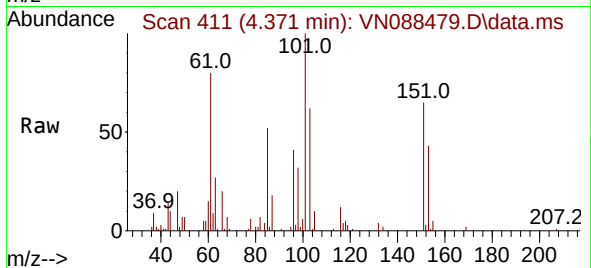
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.929 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088479.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:101 Resp: 70710
Ion Ratio Lower Upper
101 100
85 48.7 39.2 58.8
151 67.2 53.6 80.4

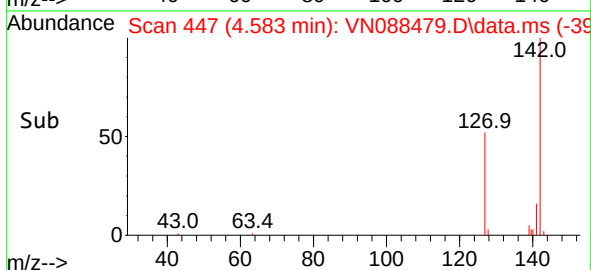
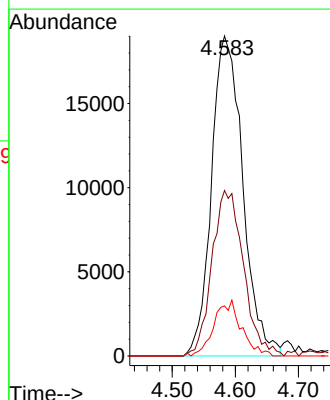
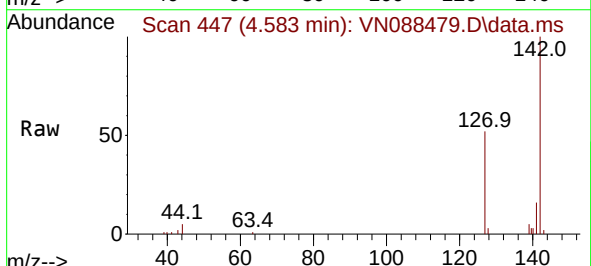
Manual Integrations
APPROVED

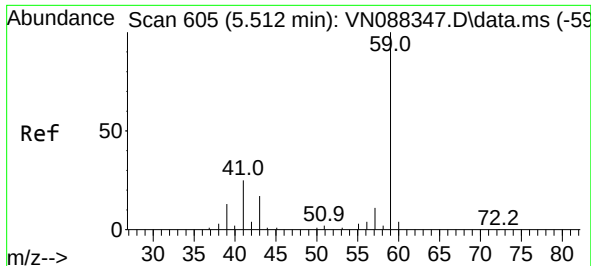
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#10
Methyl Iodide
Concen: 19.527 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion:142 Resp: 65316
Ion Ratio Lower Upper
142 100
127 51.7 37.9 56.9
141 15.6 12.4 18.6





#11

Tert butyl alcohol

Concen: 96.909 ug/l

RT: 5.506 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 59 Resp: 8020

Ion Ratio Lower Upper

59 100

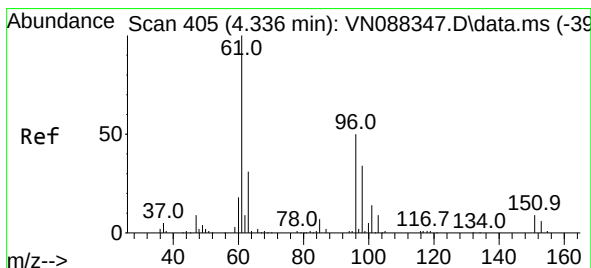
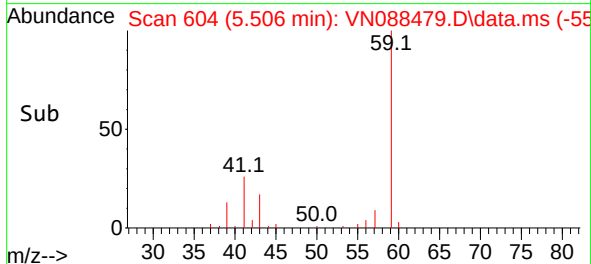
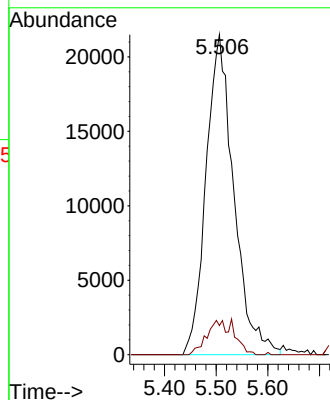
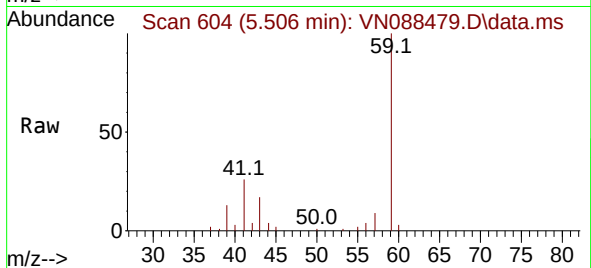
57 7.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#12

1,1-Dichloroethene

Concen: 20.535 ug/l

RT: 4.342 min Scan# 406

Delta R.T. 0.006 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

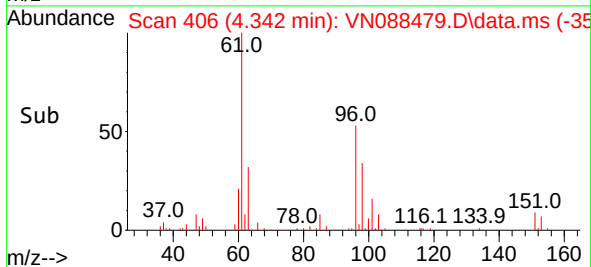
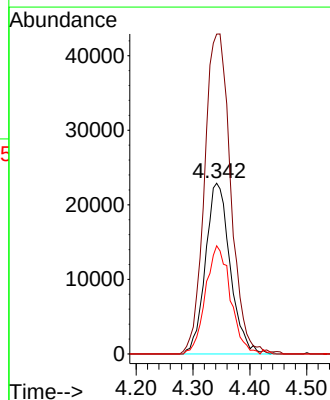
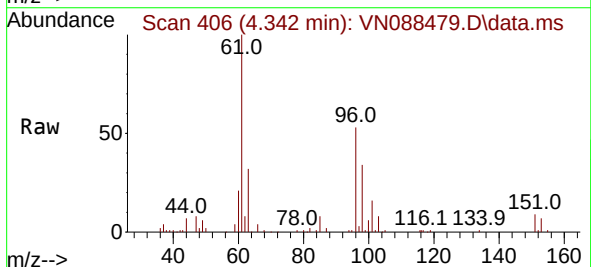
Tgt Ion: 96 Resp: 68938

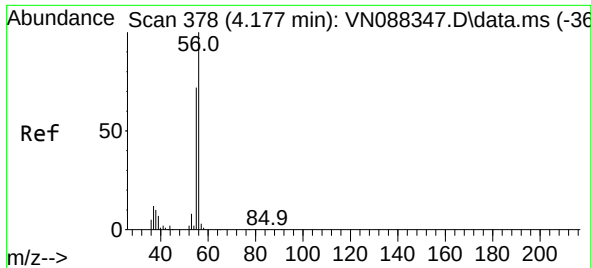
Ion Ratio Lower Upper

96 100

61 187.3 159.1 238.7

98 63.4 53.7 80.5





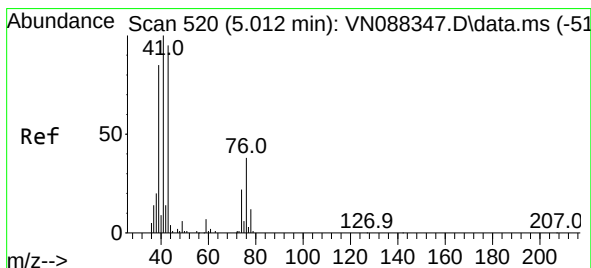
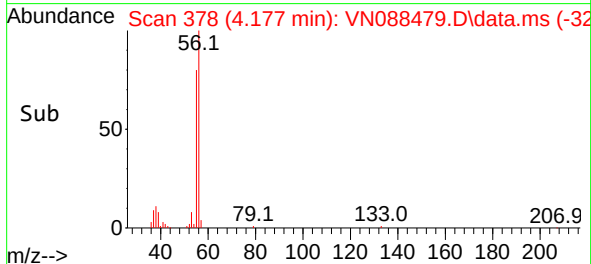
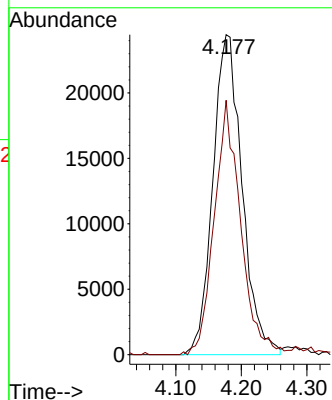
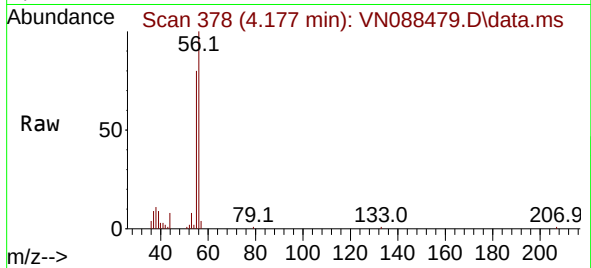
#13
Acrolein
Concen: 95.454 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 56 Resp: 75630
Ion Ratio Lower Upper
56 100
55 71.7 56.3 84.5

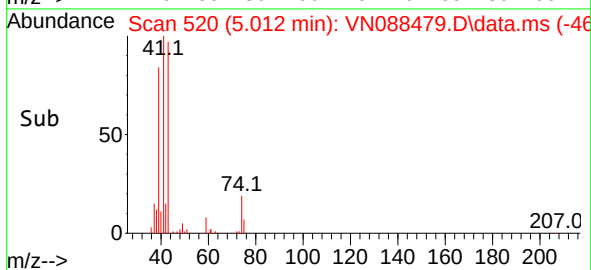
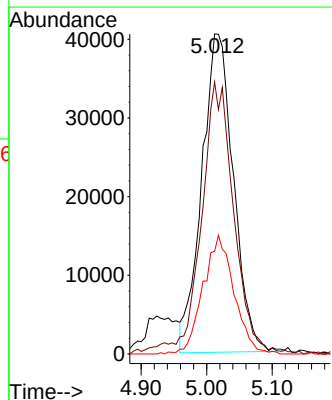
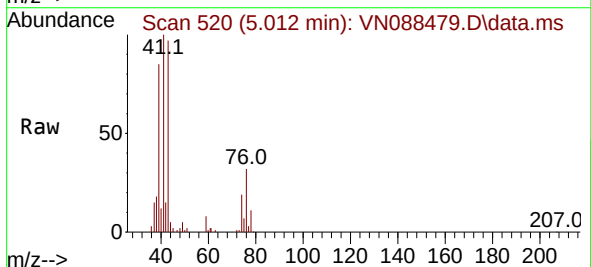
Manual Integrations
APPROVED

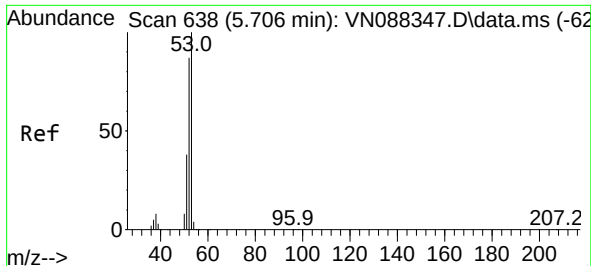
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#14
Allyl chloride
Concen: 21.820 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

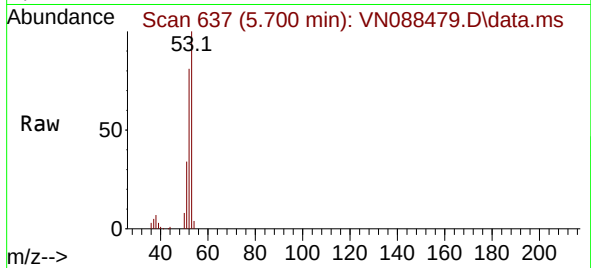
Tgt Ion: 41 Resp: 135774
Ion Ratio Lower Upper
41 100
39 85.4 64.7 97.1
76 36.5 29.1 43.7





#15
Acrylonitrile
Concen: 111.849 ug/l
RT: 5.700 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

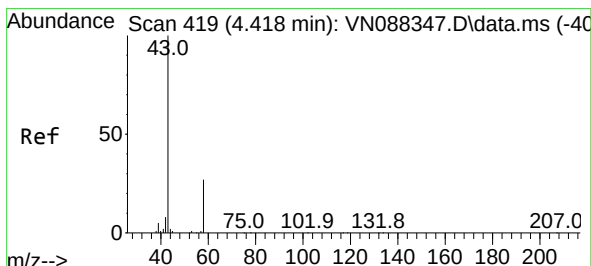
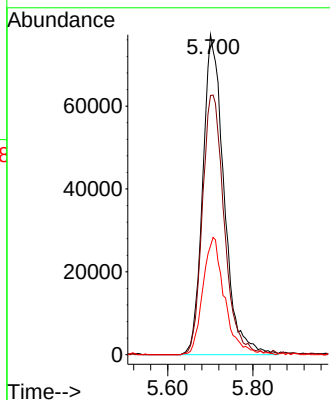
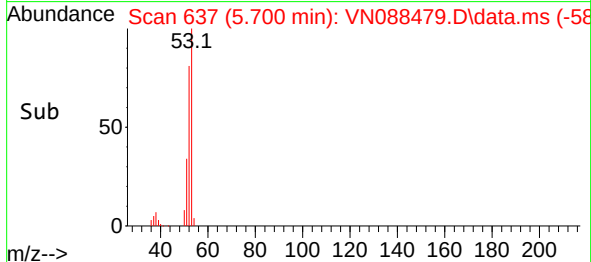
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 53 Resp: 26706
Ion Ratio Lower Upper
53 100
52 83.6 67.8 101.6
51 37.3 29.8 44.8

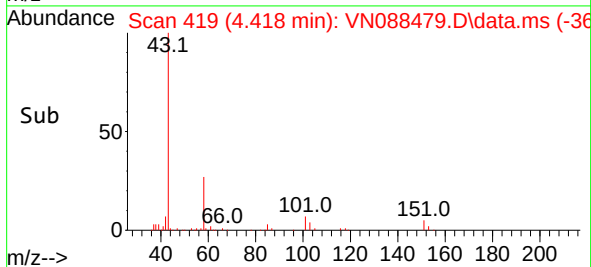
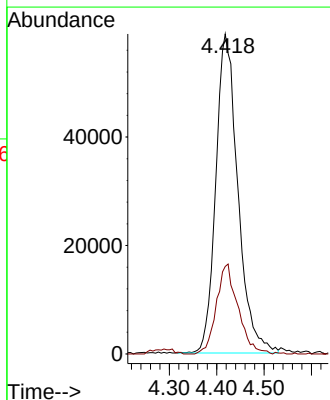
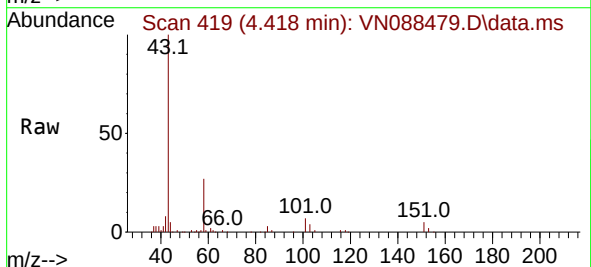
Manual Integrations
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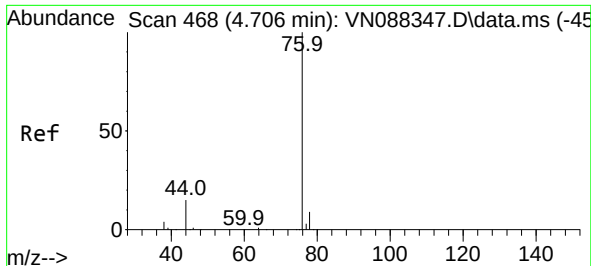
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
Acetone
Concen: 101.708 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

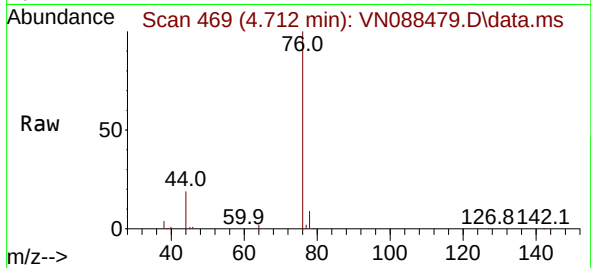
Tgt Ion: 43 Resp: 190667
Ion Ratio Lower Upper
43 100
58 27.1 21.7 32.5





#17
Carbon Disulfide
Concen: 19.321 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

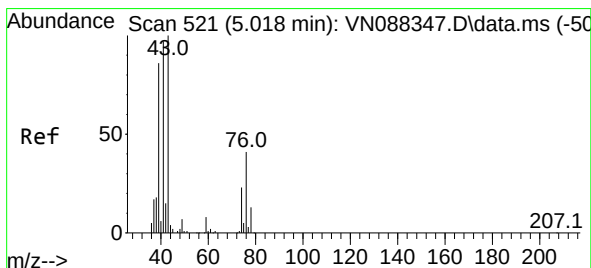
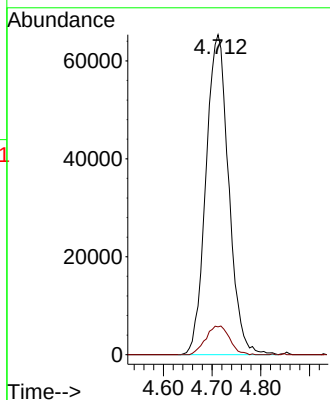
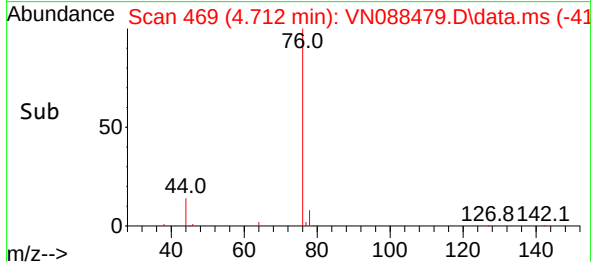
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 76 Resp: 211959
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

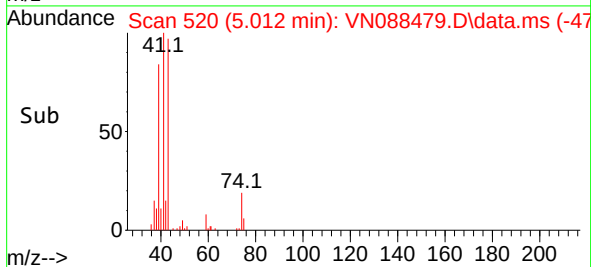
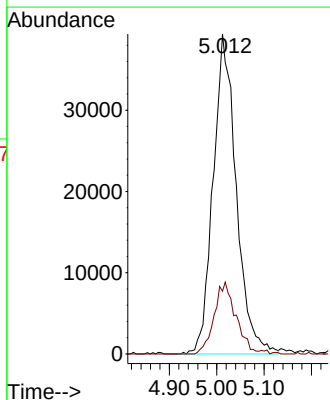
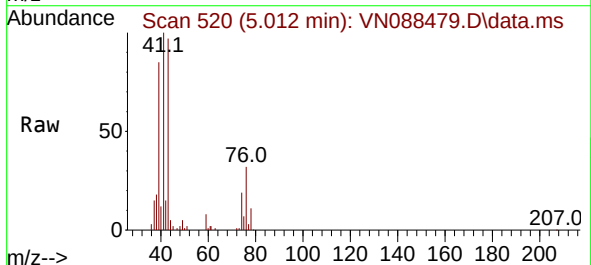
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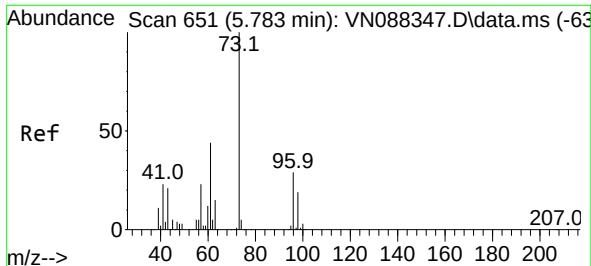
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#18
Methyl Acetate
Concen: 23.872 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

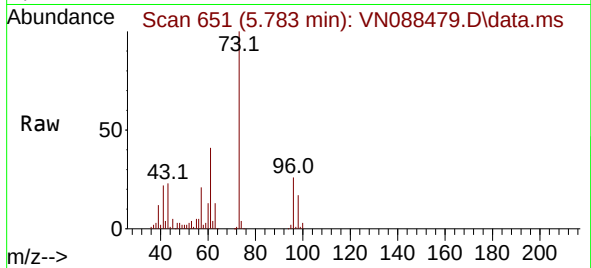
Tgt Ion: 43 Resp: 133213
Ion Ratio Lower Upper
43 100
74 21.1 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 25.187 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

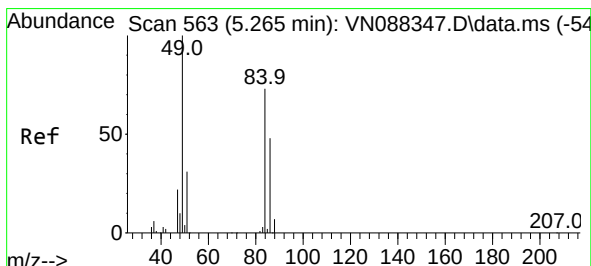
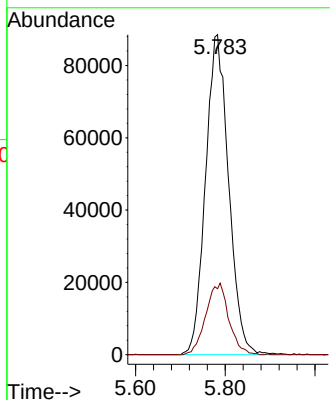
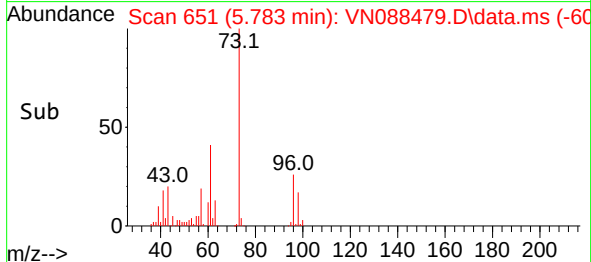
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 73 Resp: 31679
Ion Ratio Lower Upper
73 100
57 20.6 18.6 28.0

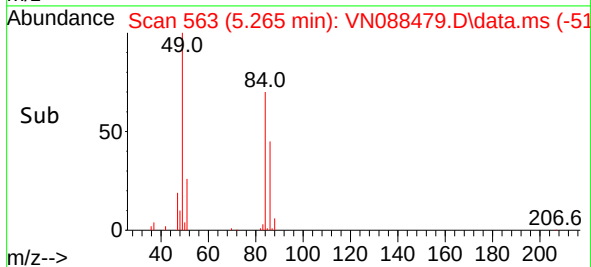
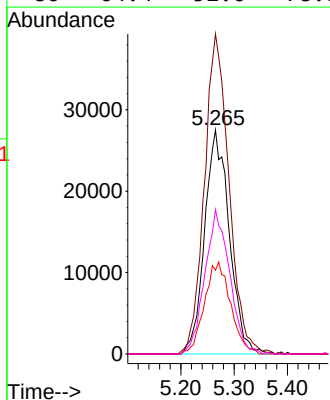
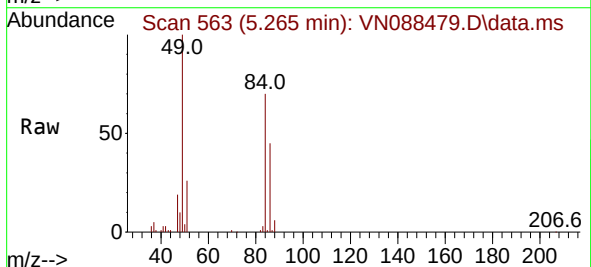
Manual Integrations
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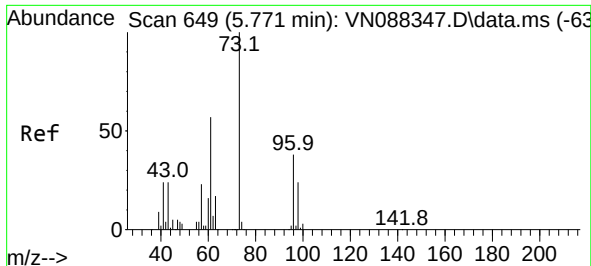
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 22.087 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion: 84 Resp: 88589
Ion Ratio Lower Upper
84 100
49 142.8 110.2 165.2
51 37.4 34.1 51.1
86 64.4 52.6 78.8





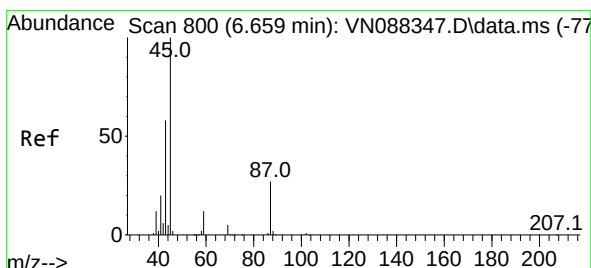
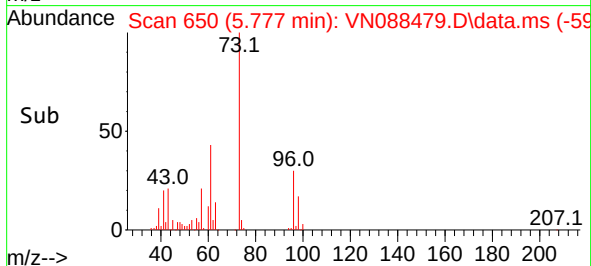
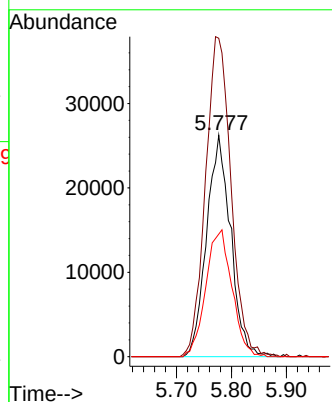
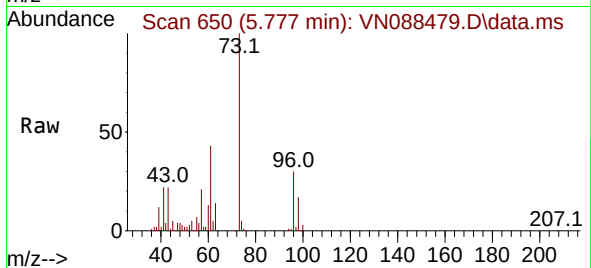
#21
trans-1,2-Dichloroethene
Concen: 21.420 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 96 Resp: 79650
Ion Ratio Lower Upper
96 100
61 143.8 122.4 183.6
98 55.4 50.9 76.3

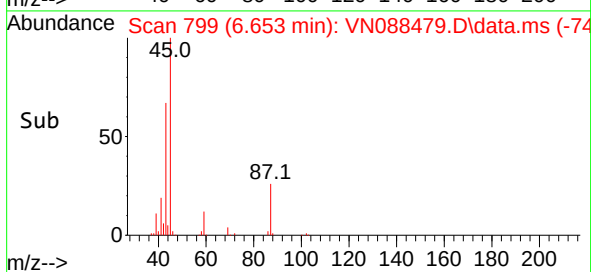
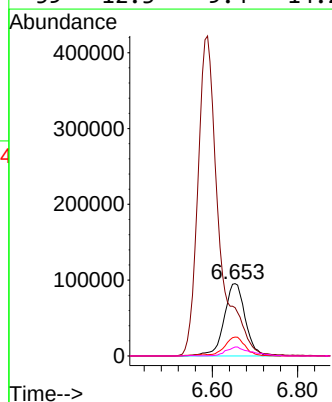
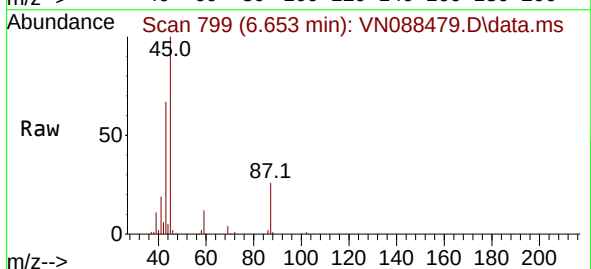
Manual Integrations
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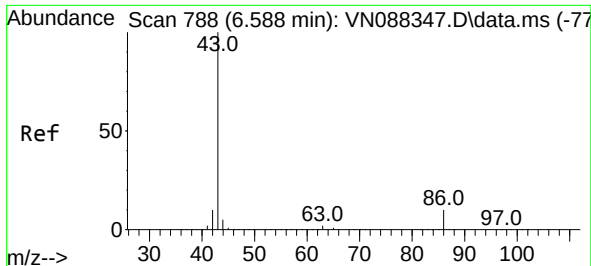
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#22
Diisopropyl ether
Concen: 24.650 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion: 45 Resp: 327453
Ion Ratio Lower Upper
45 100
43 65.5 47.4 71.2
87 26.1 21.9 32.9
59 12.3 9.4 14.2





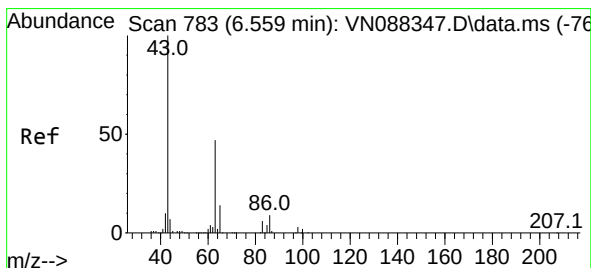
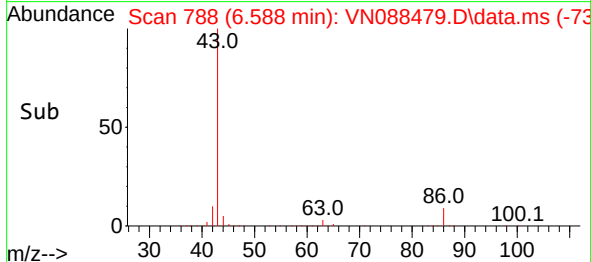
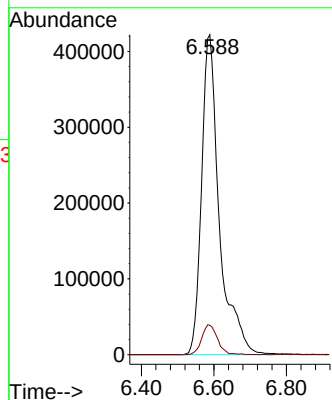
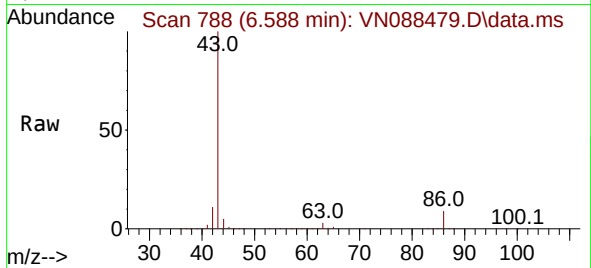
#23
 Vinyl Acetate
 Concen: 134.230 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tgt Ion: 43 Resp: 1436640
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

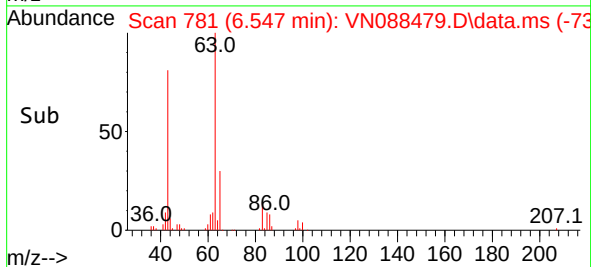
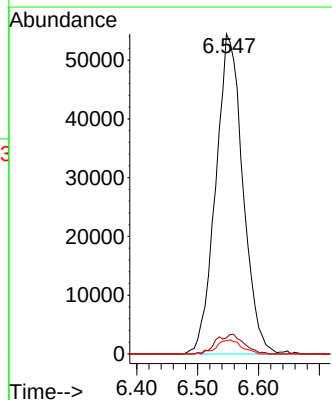
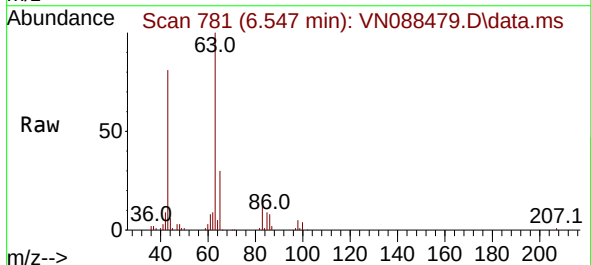
Manual Integrations
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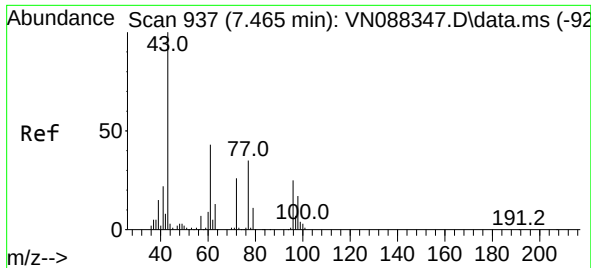
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#24
 1,1-Dichloroethane
 Concen: 22.401 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

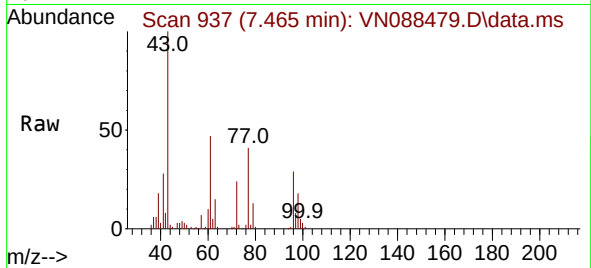
Tgt Ion: 63 Resp: 168522
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.4 10.2
 100 4.1 1.9 5.7





#25
2-Butanone
Concen: 112.618 ug/l
RT: 7.465 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

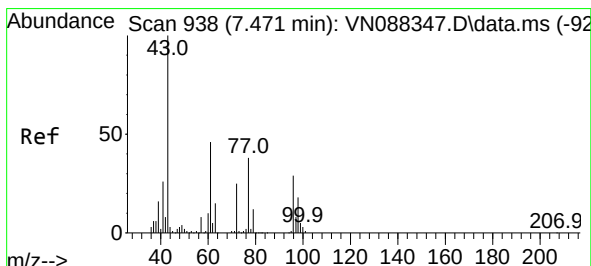
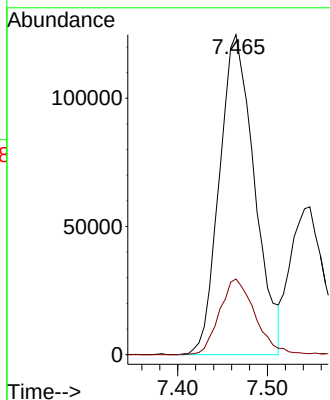
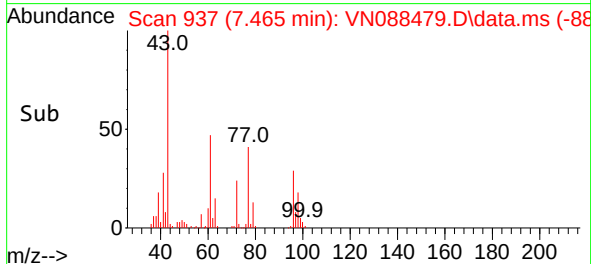
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



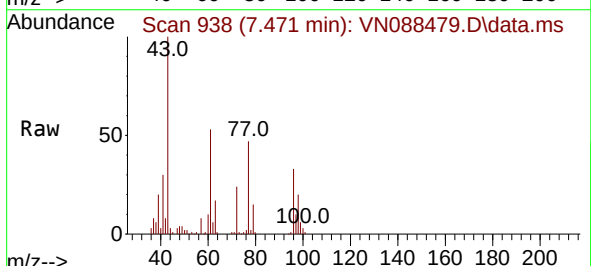
Tgt Ion: 43 Resp: 33940
Ion Ratio Lower Upper
43 100
72 23.6 20.5 30.7

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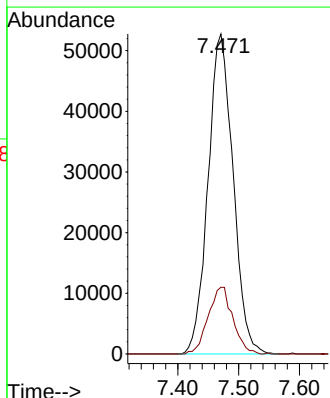
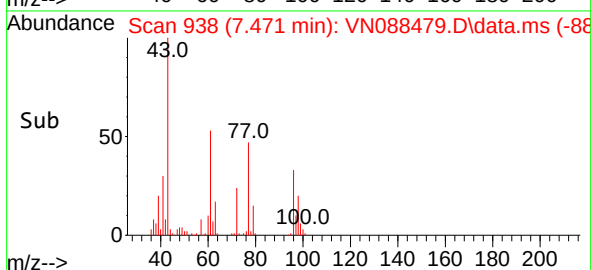
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

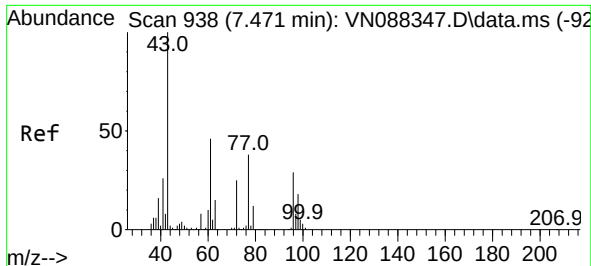


#26
2,2-Dichloropropane
Concen: 23.199 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



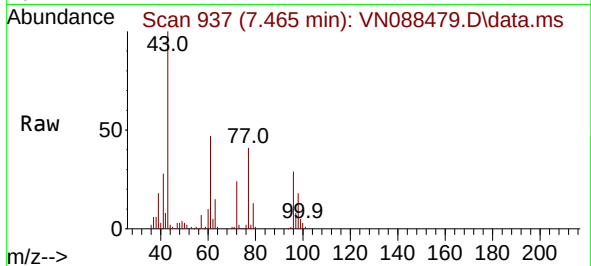
Tgt Ion: 77 Resp: 150642
Ion Ratio Lower Upper
77 100
97 20.5 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 22.727 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

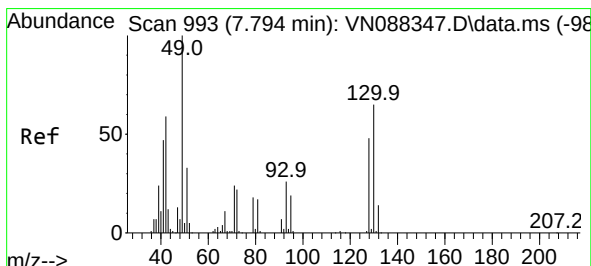
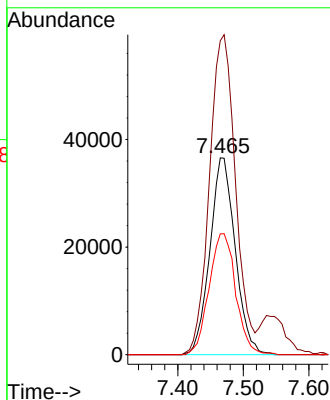
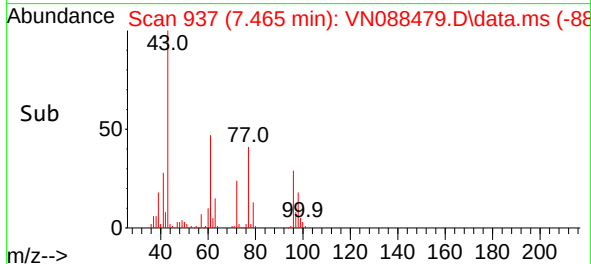
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01



Tgt Ion: 96 Resp: 9822
 Ion Ratio Lower Upper
 96 100
 61 166.7 0.0 323.6
 98 64.7 0.0 127.2

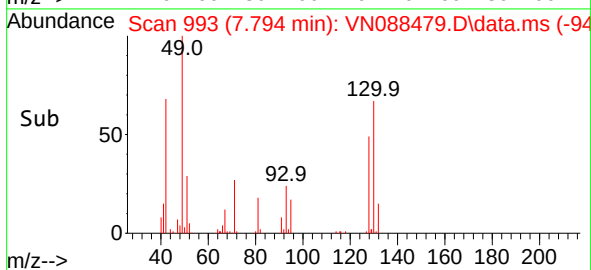
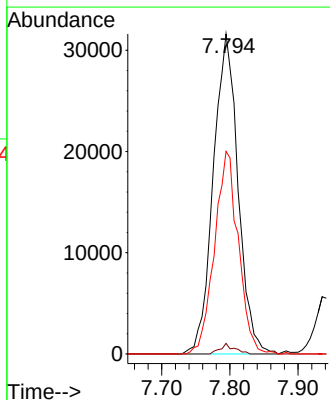
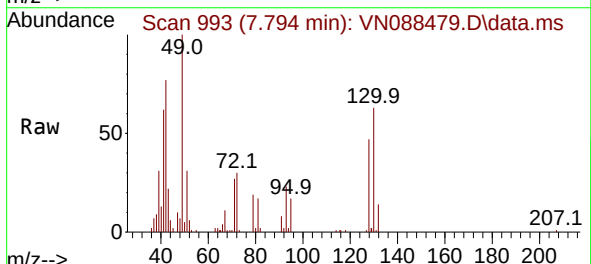
Manual Integrations
 APPROVED

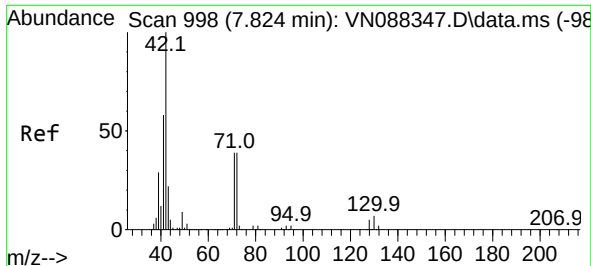
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#28
 Bromochloromethane
 Concen: 21.337 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Tgt Ion: 49 Resp: 79961
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.6
 130 60.9 51.1 76.7





#29

Tetrahydrofuran

Concen: 116.086 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088479.D

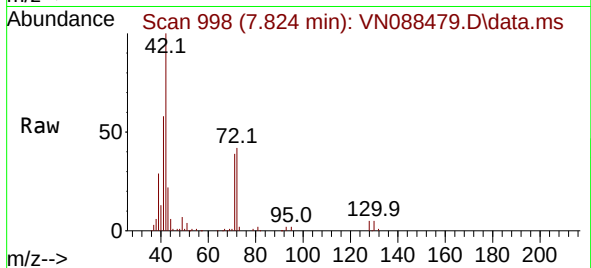
Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



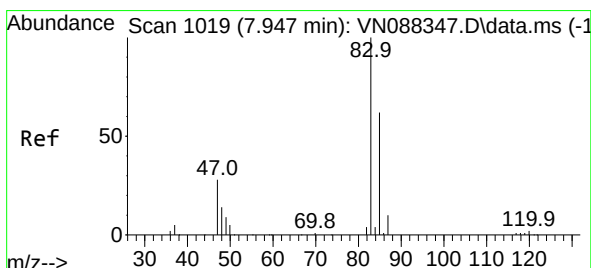
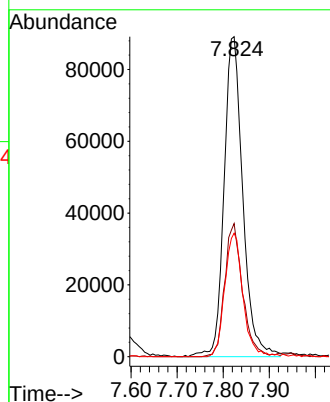
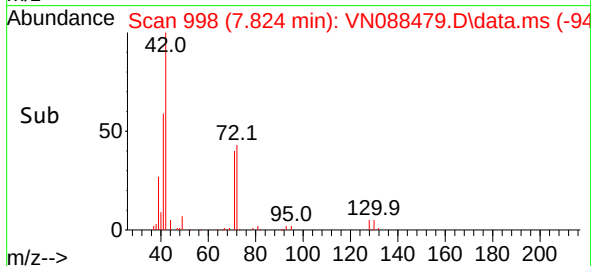
Tgt Ion:	42	Resp:	250938
Ion Ratio	Lower	Upper	
42	100		
72	39.6	32.2	48.4
71	37.4	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#30

Chloroform

Concen: 23.446 ug/l

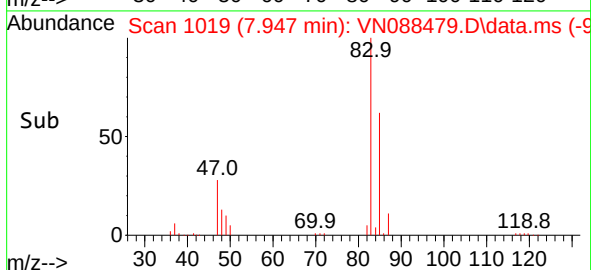
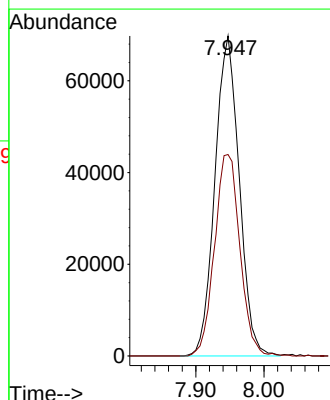
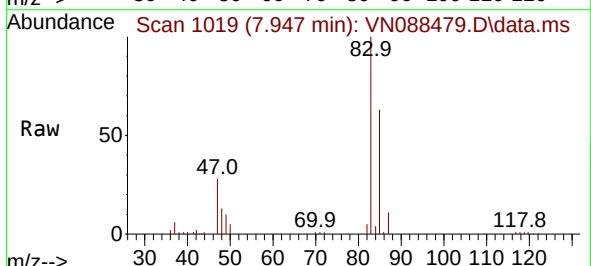
RT: 7.947 min Scan# 1019

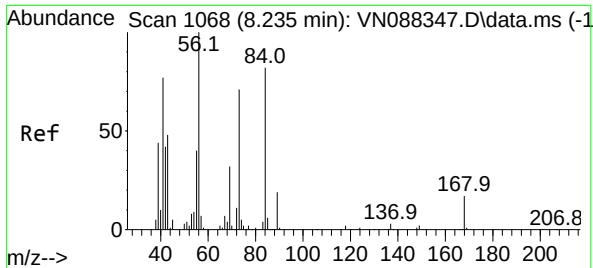
Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

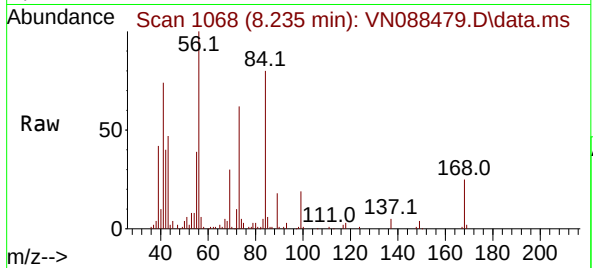
Tgt Ion:	83	Resp:	173311
Ion Ratio	Lower	Upper	
83	100		
85	63.0	49.8	74.8





#31
Cyclohexane
Concen: 20.153 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

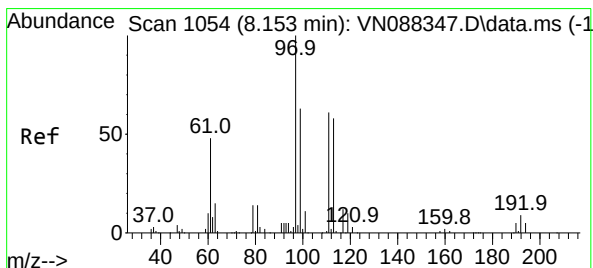
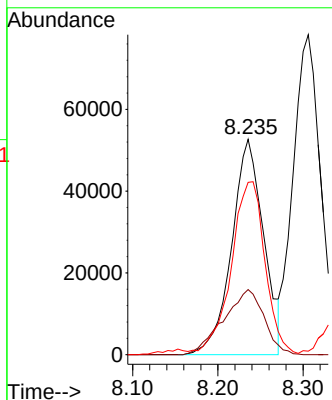
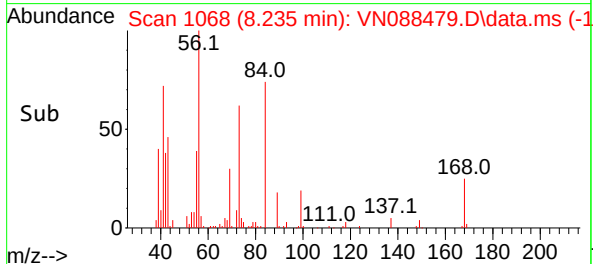
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



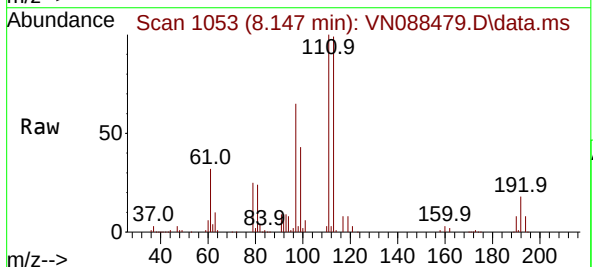
Tgt Ion: 56 Resp: 137390
Ion Ratio Lower Upper
56 100
69 30.2 25.3 37.9
84 77.4 65.4 98.2

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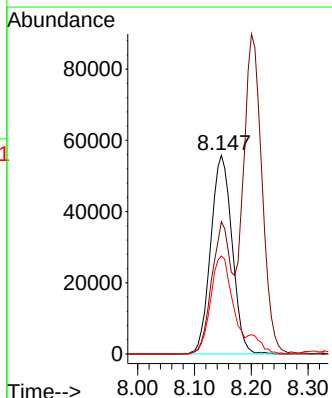
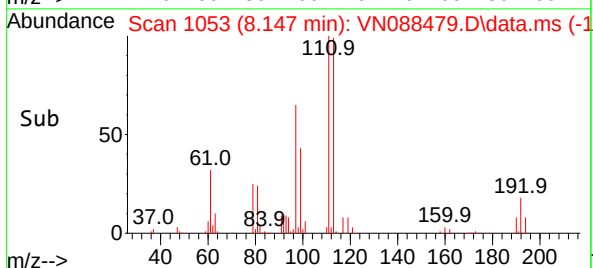
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

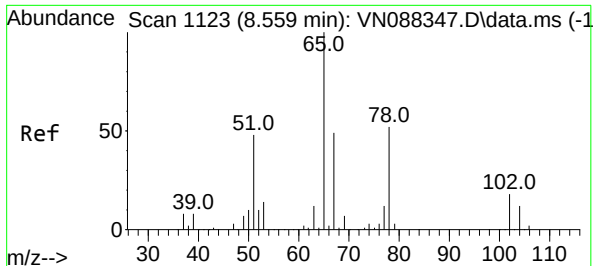


#32
1,1,1-Trichloroethane
Concen: 22.392 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion: 97 Resp: 145537
Ion Ratio Lower Upper
97 100
99 60.8 50.8 76.2
61 52.0 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 64.030 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 65 Resp: 331900

Ion Ratio Lower Upper

65 100

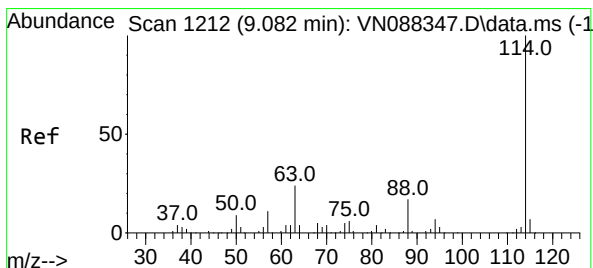
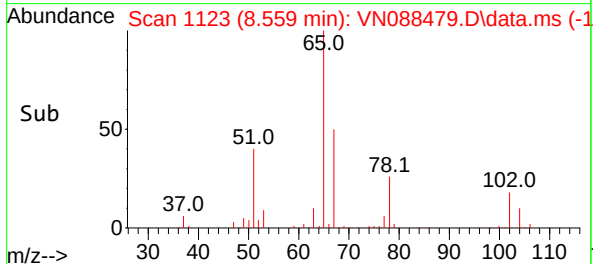
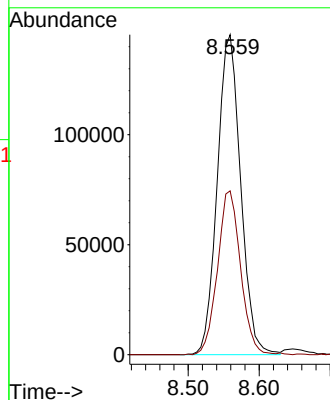
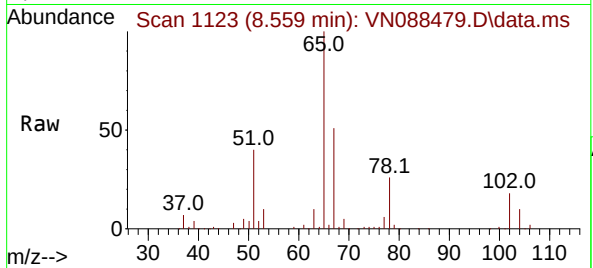
67 50.4 0.0 100.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

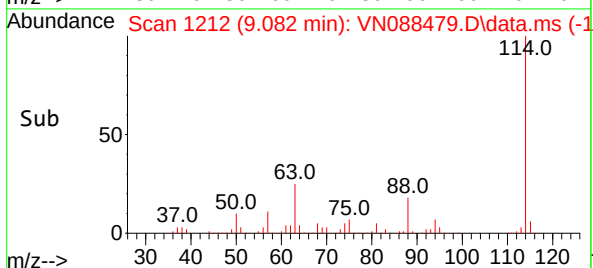
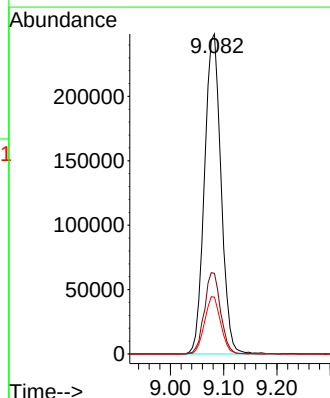
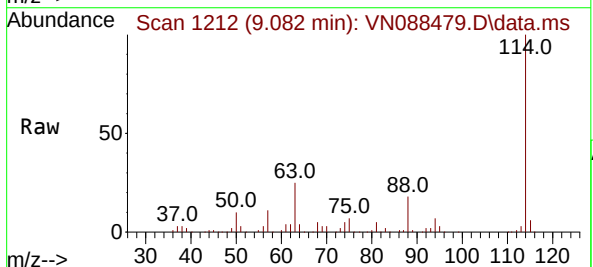
Tgt Ion:114 Resp: 534632

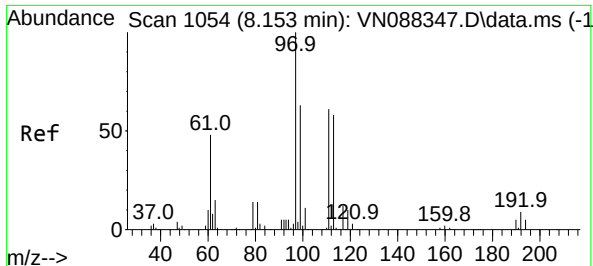
Ion Ratio Lower Upper

114 100

63 25.2 0.0 49.0

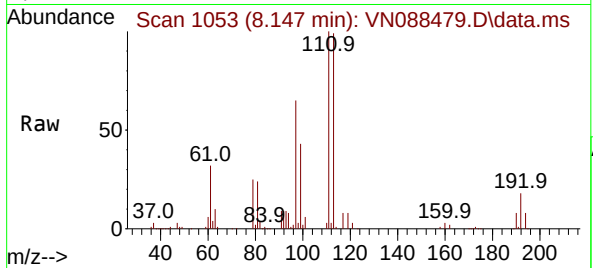
88 17.7 0.0 34.0





#35
Dibromofluoromethane
Concen: 57.105 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

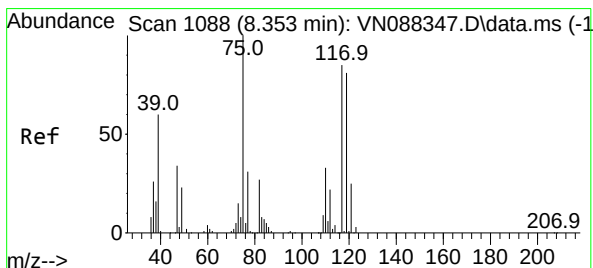
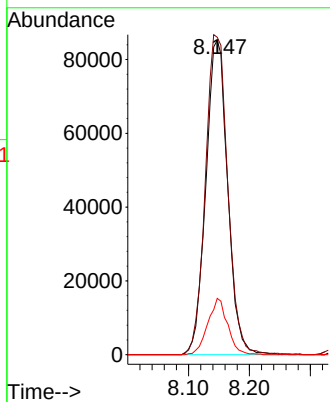
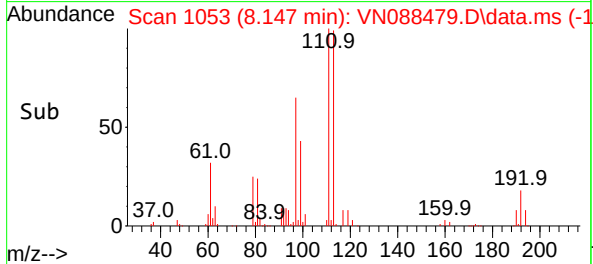
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 113 Resp: 211572
Ion Ratio Lower Upper
113 100
111 104.5 82.5 123.7
192 16.3 12.8 19.2

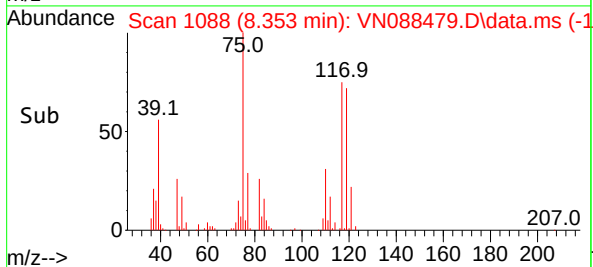
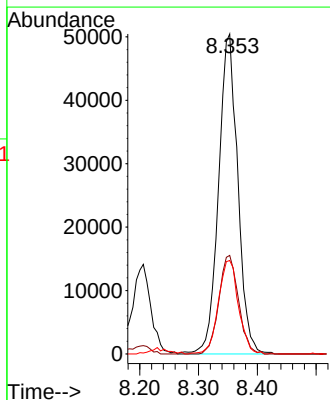
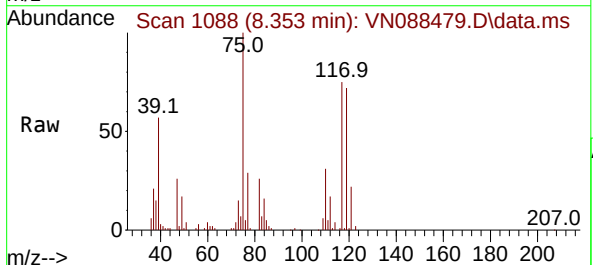
Manual Integrations
APPROVED

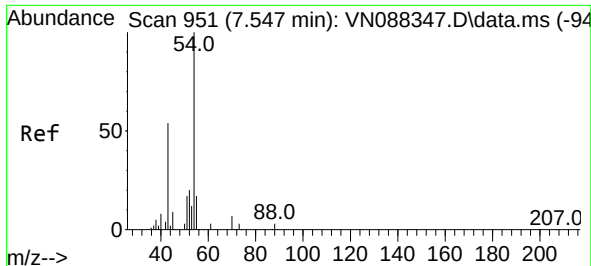
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#36
1,1-Dichloropropene
Concen: 20.014 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion: 75 Resp: 114437
Ion Ratio Lower Upper
75 100
110 31.6 15.8 47.4
77 30.6 24.2 36.2





#37

Ethyl Acetate

Concen: 20.684 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN088479.D

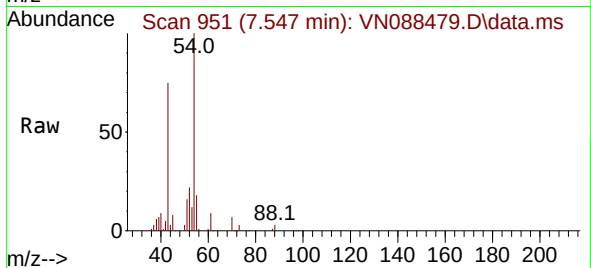
Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01



Tgt Ion: 43 Resp: 155509

Ion Ratio Lower Upper

43 100

61 12.2 9.5 14.3

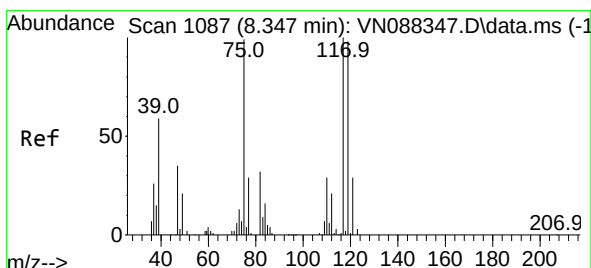
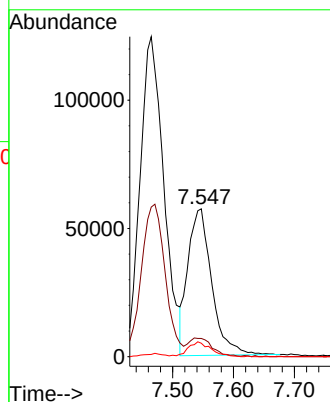
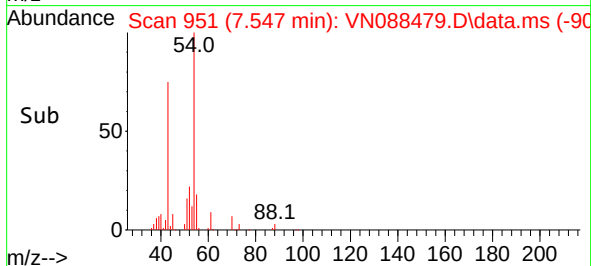
70 9.7 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#38

Carbon Tetrachloride

Concen: 20.646 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

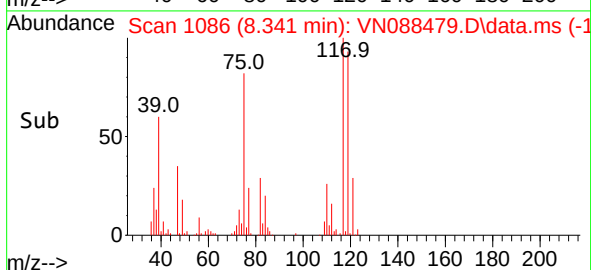
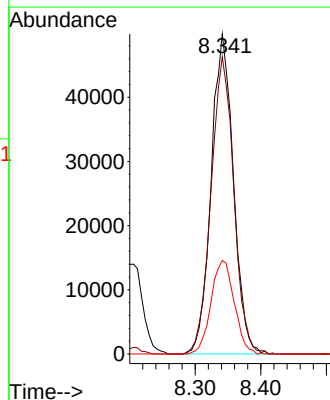
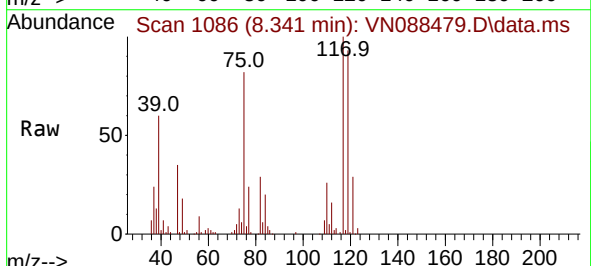
Tgt Ion:117 Resp: 117522

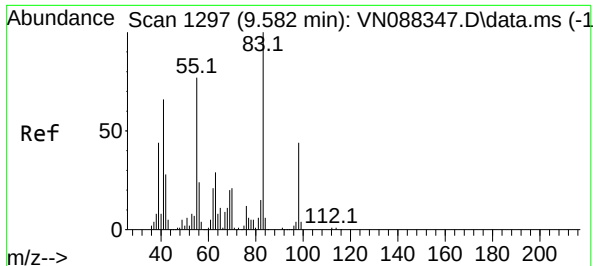
Ion Ratio Lower Upper

117 100

119 92.8 78.2 117.4

121 29.2 23.4 35.2





#39

Methylcyclohexane

Concen: 18.319 ug/l

RT: 9.576 min Scan# 112040

Delta R.T. -0.006 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 83 Resp: 112040

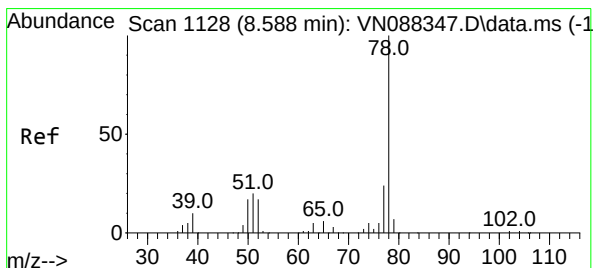
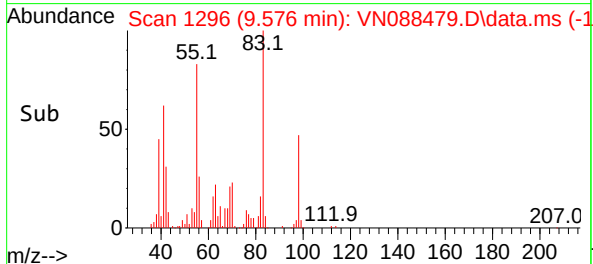
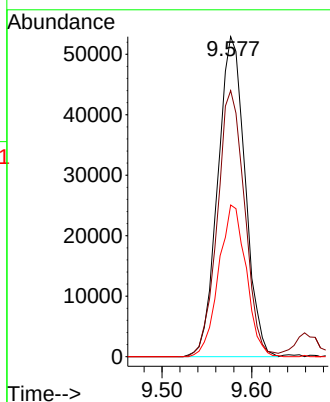
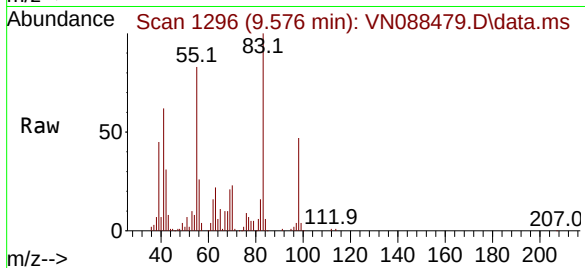
Ion	Ratio	Lower	Upper
83	100		
55	83.2	61.6	92.4
98	47.4	35.3	52.9

Manual Integrations

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Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#40

Benzene

Concen: 21.227 ug/l

RT: 8.582 min Scan# 1127

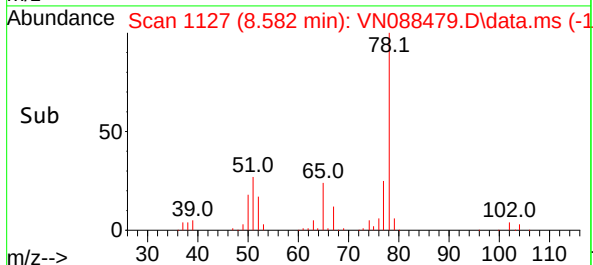
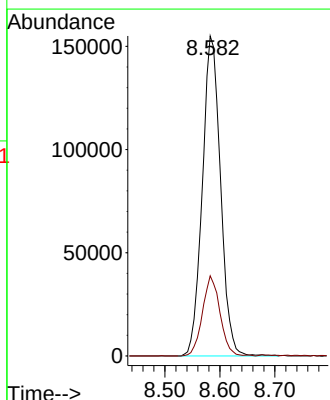
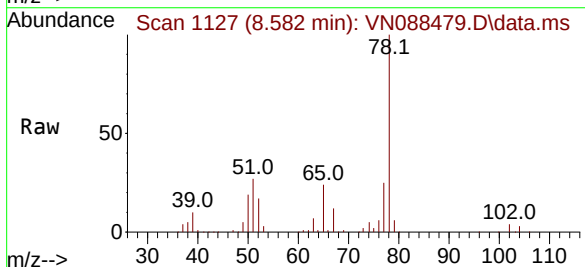
Delta R.T. -0.006 min

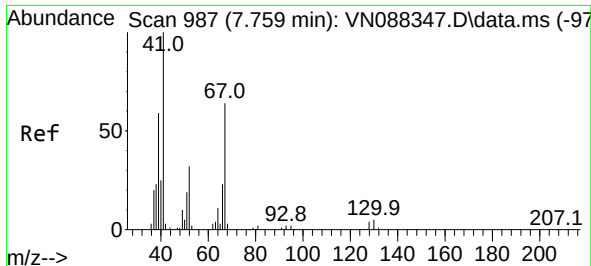
Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Tgt Ion: 78 Resp: 356240

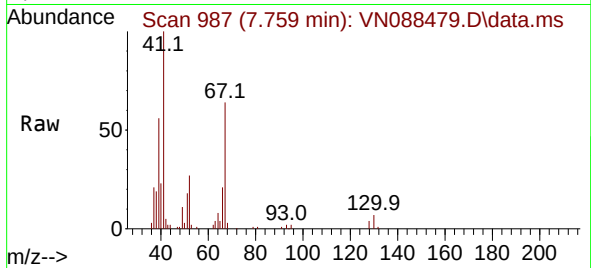
Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.0	28.4





#41
Methacrylonitrile
Concen: 22.961 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

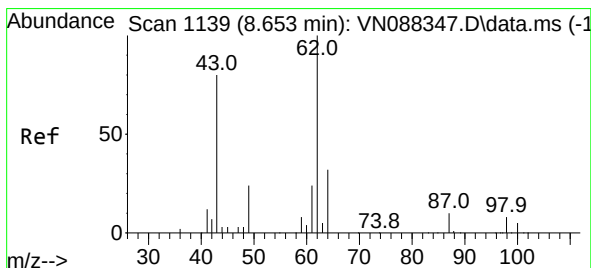
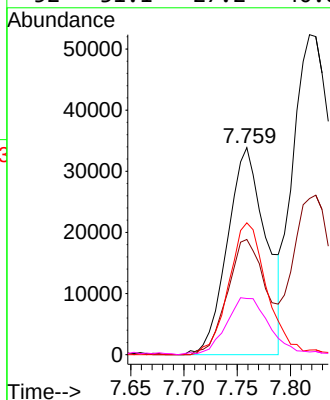
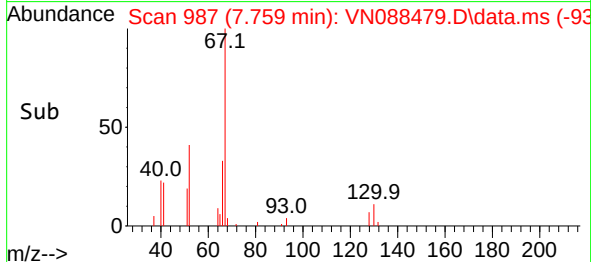
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 41 Resp: 8550
Ion Ratio Lower Upper
41 100
39 55.9 46.3 69.5
67 63.2 54.7 82.1
52 31.1 27.2 40.8

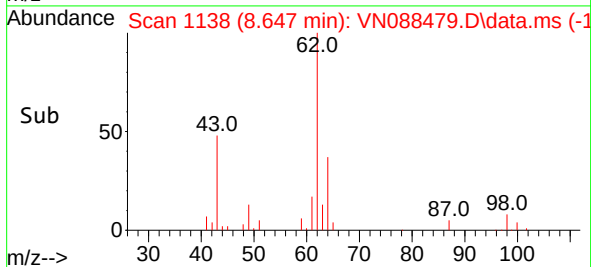
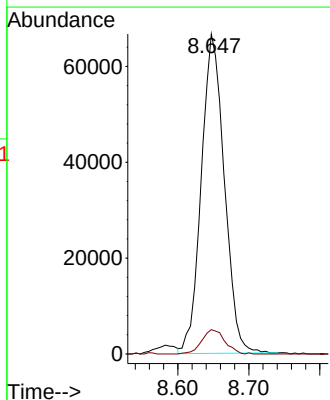
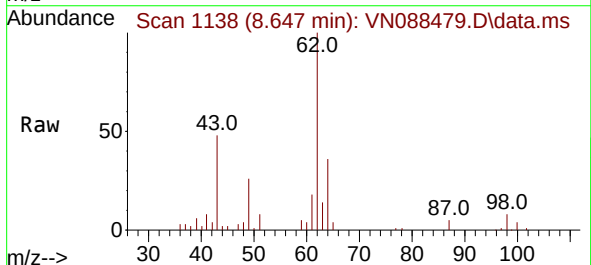
Manual Integrations
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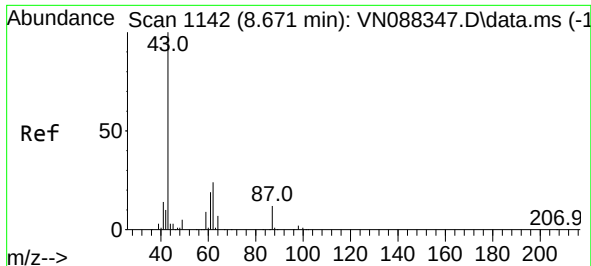
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#42
1,2-Dichloroethane
Concen: 23.483 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

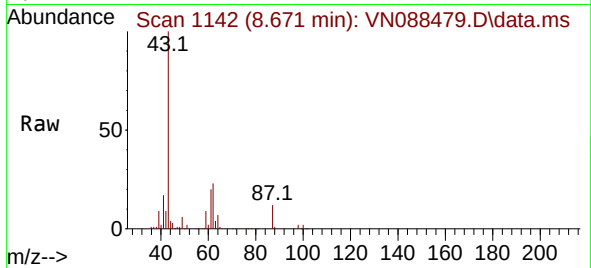
Tgt Ion: 62 Resp: 150357
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2





#43
Isopropyl Acetate
Concen: 21.736 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

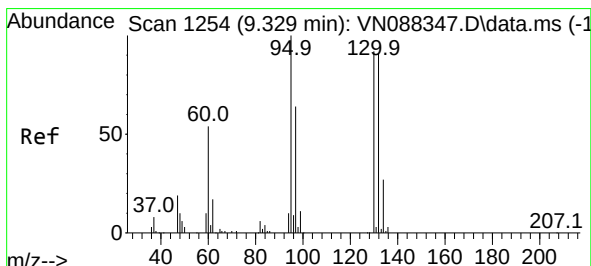
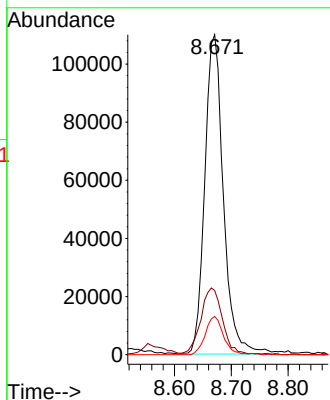
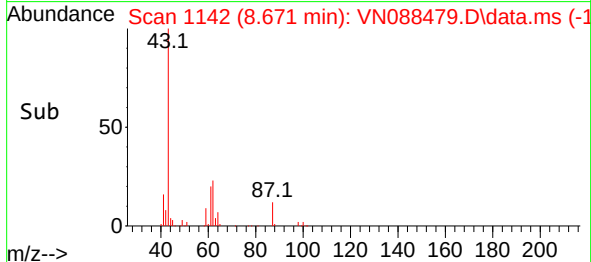
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43 Resp: 24969
Ion Ratio Lower Upper
43 100
61 23.9 18.7 28.1
87 11.5 9.1 13.7

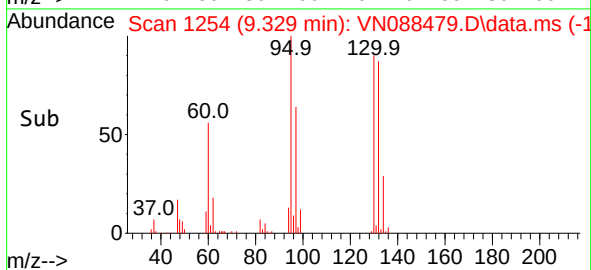
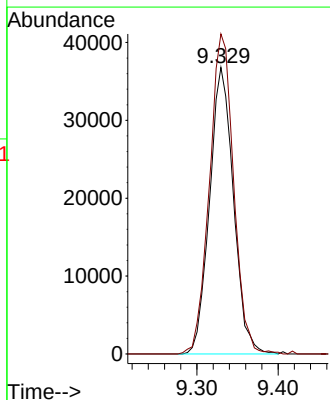
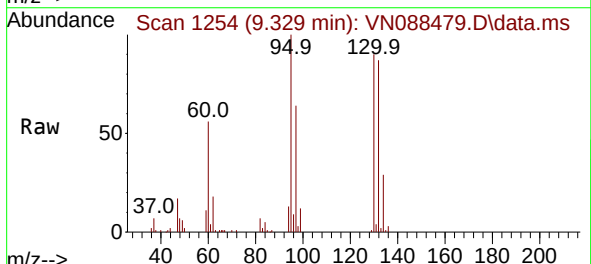
Manual Integrations
APPROVED

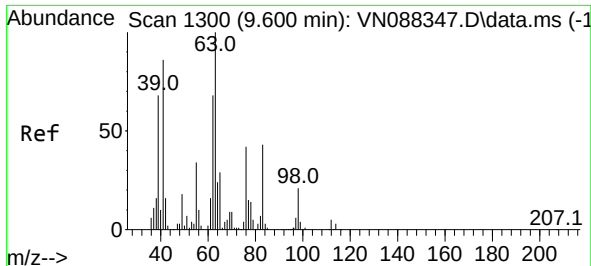
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#44
Trichloroethene
Concen: 18.961 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion:130 Resp: 75188
Ion Ratio Lower Upper
130 100
95 111.7 0.0 217.0





#45

1,2-Dichloropropane

Concen: 21.586 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

Tgt Ion: 63 Resp: 9281

Ion Ratio Lower Upper

63 100

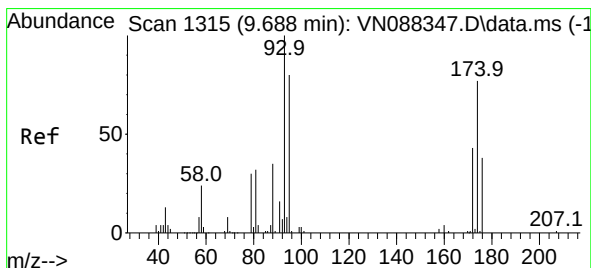
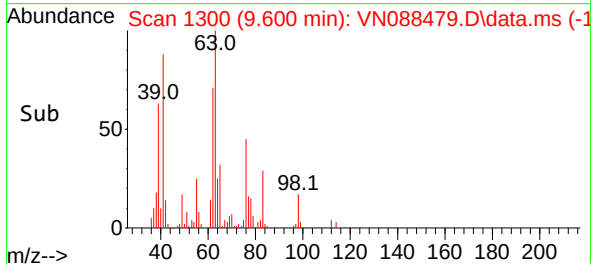
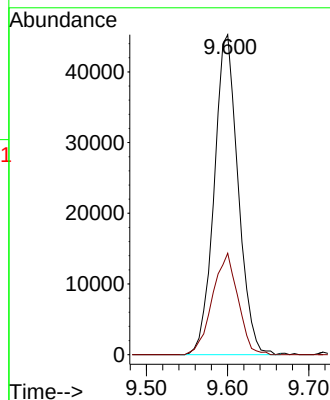
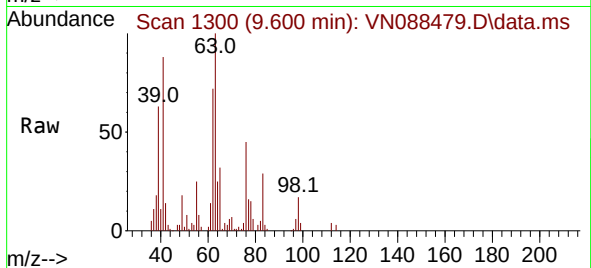
65 31.7 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#46

Dibromomethane

Concen: 21.713 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

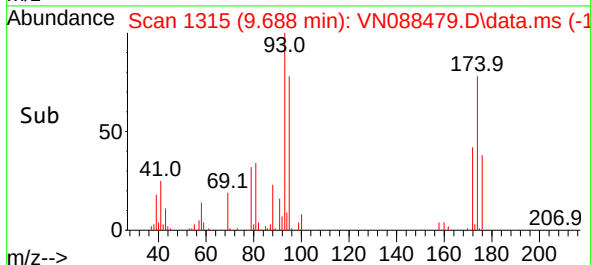
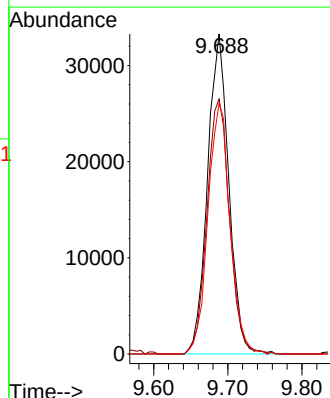
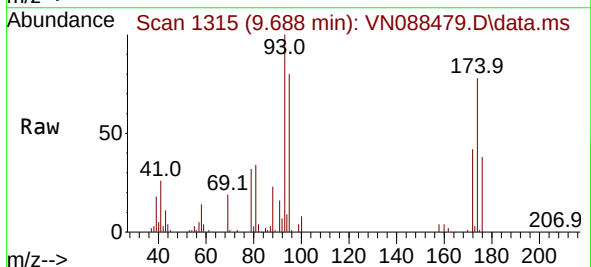
Tgt Ion: 93 Resp: 66627

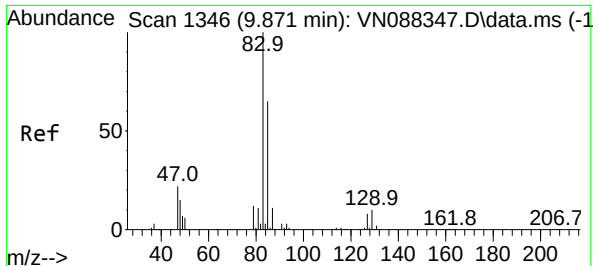
Ion Ratio Lower Upper

93 100

95 84.0 65.8 98.6

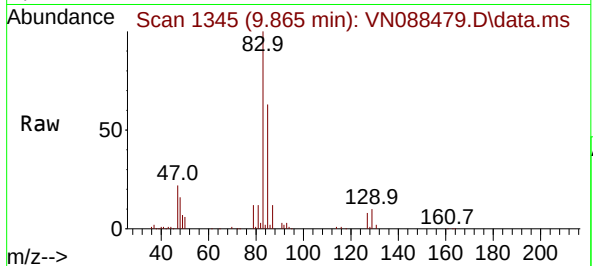
174 81.2 64.3 96.5





#47
Bromodichloromethane
Concen: 22.252 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

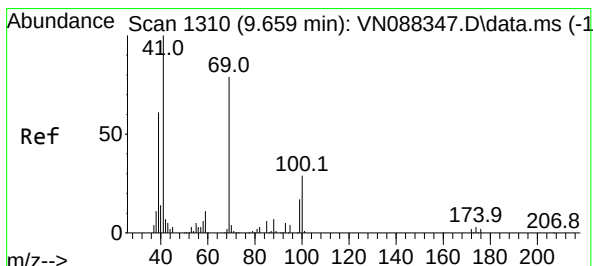
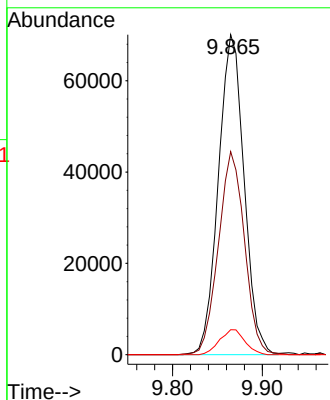
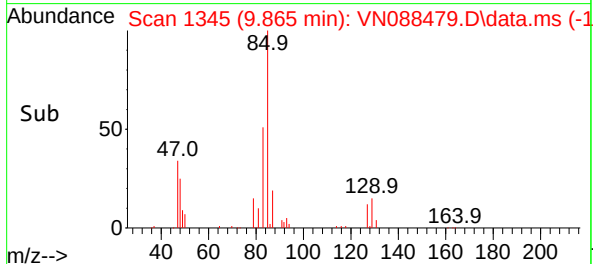
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



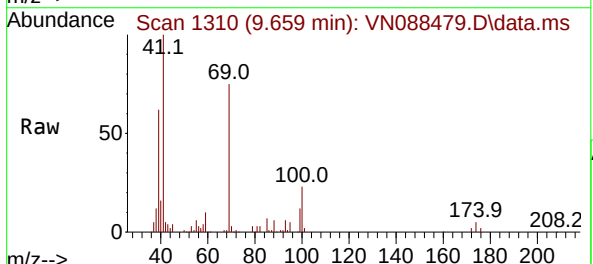
Tgt Ion: 83 Resp: 13932
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9
127 7.8 6.3 9.5

Manual Integrations
APPROVED

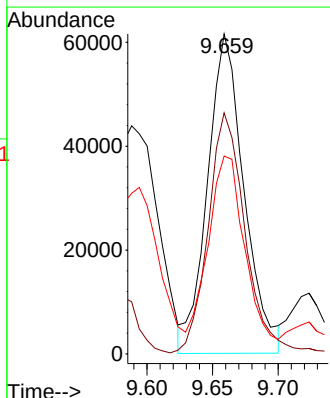
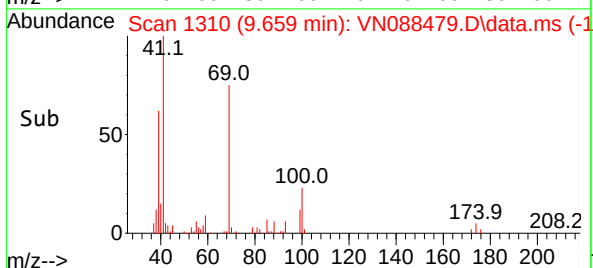
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

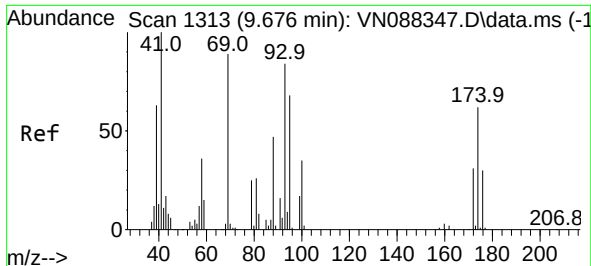


#48
Methyl methacrylate
Concen: 22.740 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion: 41 Resp: 119184
Ion Ratio Lower Upper
41 100
69 75.6 62.4 93.6
39 63.8 52.6 79.0





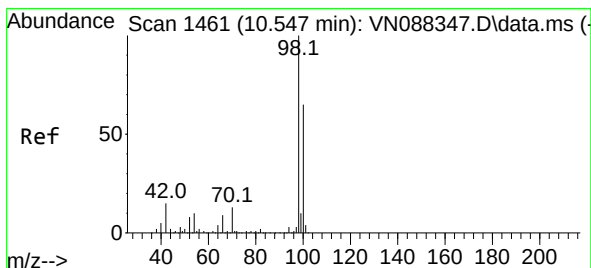
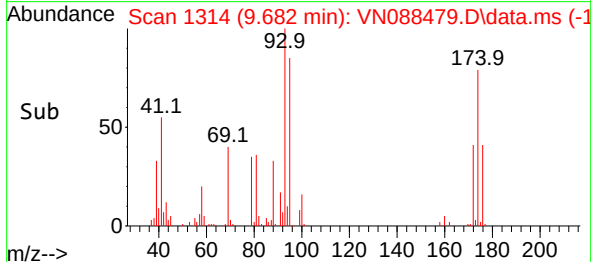
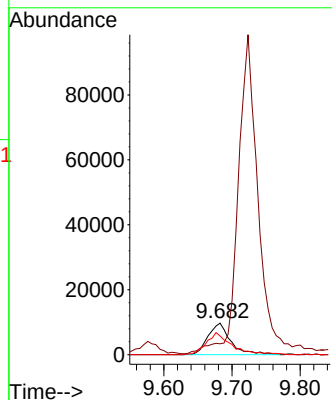
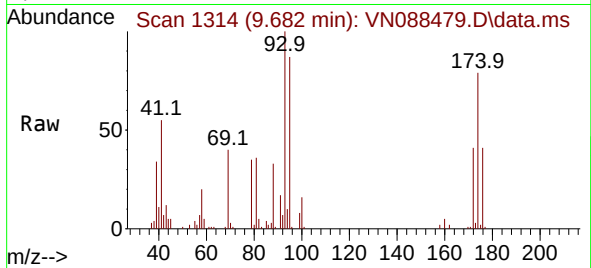
#49
1,4-Dioxane
Concen: 336.103 ug/l
RT: 9.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion: 88 Resp: 2240
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.4 62.0 93.0

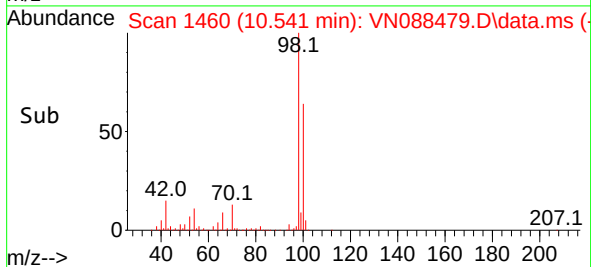
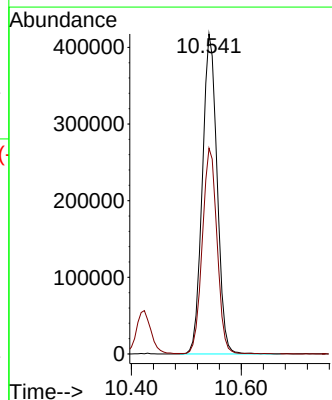
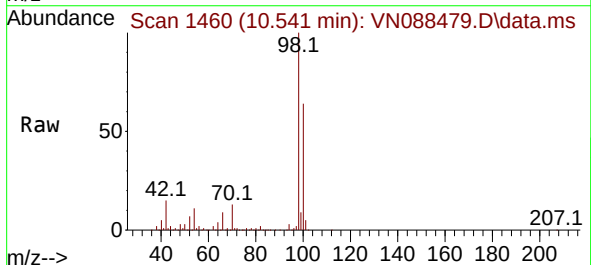
Manual Integrations
APPROVED

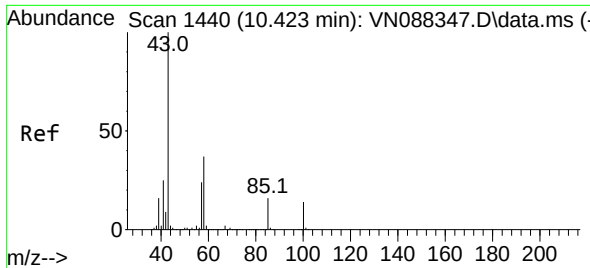
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#50
Toluene-d8
Concen: 56.318 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

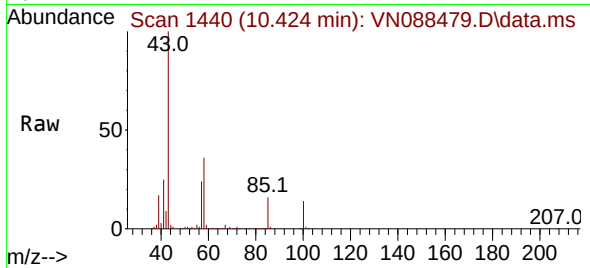
Tgt Ion: 98 Resp: 776360
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 111.647 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

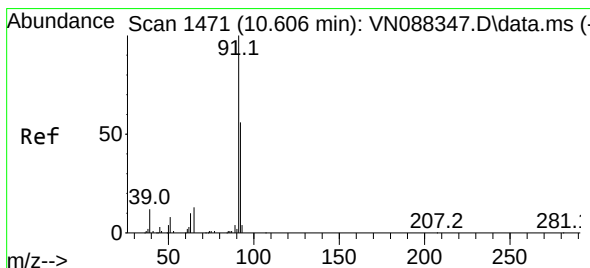
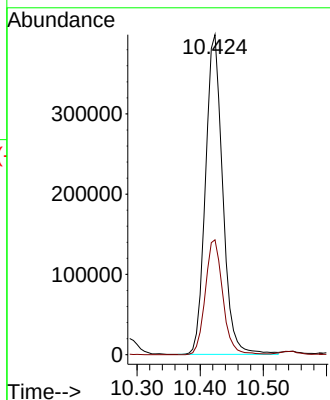
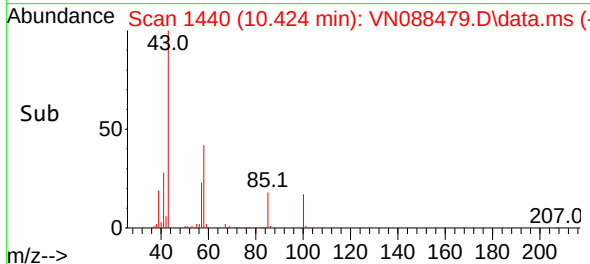
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



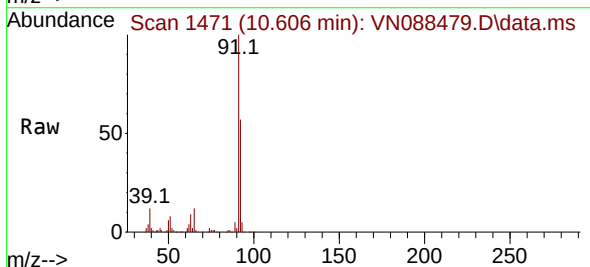
Tgt Ion: 43 Resp: 755952
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7

Manual Integrations
APPROVED

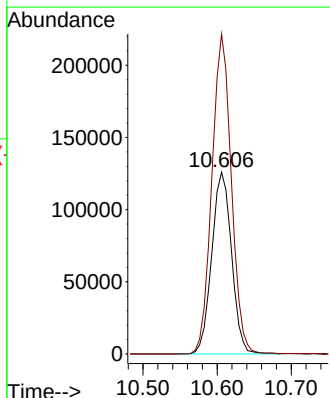
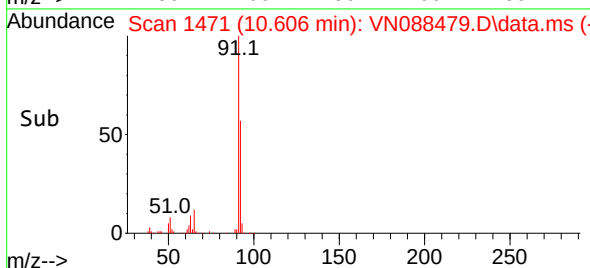
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

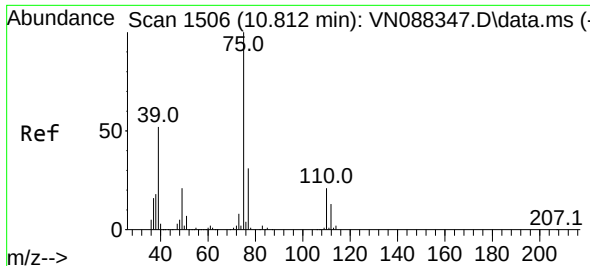


#52
Toluene
Concen: 24.125 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



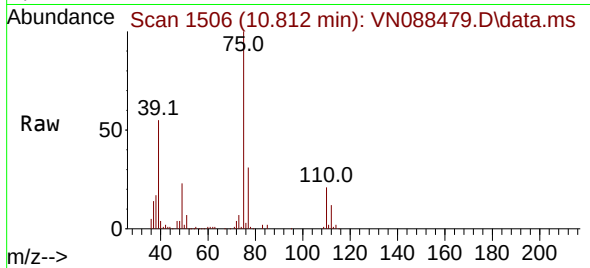
Tgt Ion: 92 Resp: 233777
Ion Ratio Lower Upper
92 100
91 173.1 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 22.743 ug/l
RT: 10.812 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

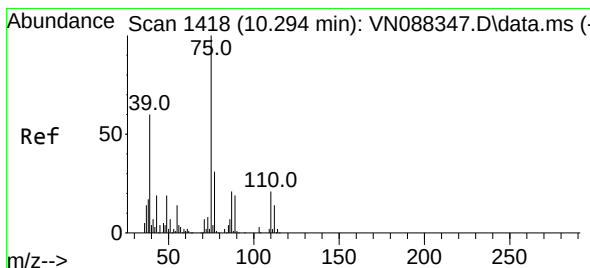
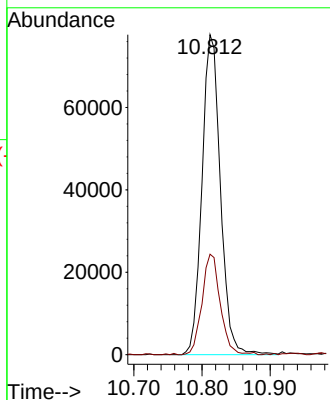
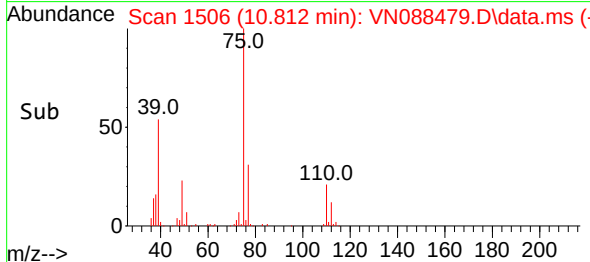
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



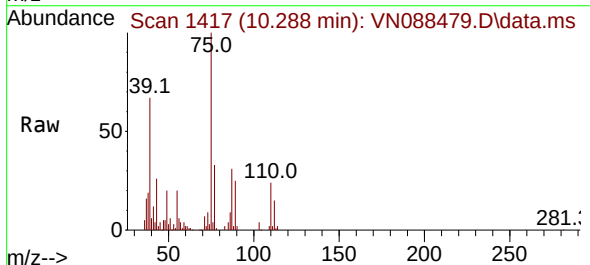
Tgt Ion: 75 Resp: 14616
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2

Manual Integrations
APPROVED

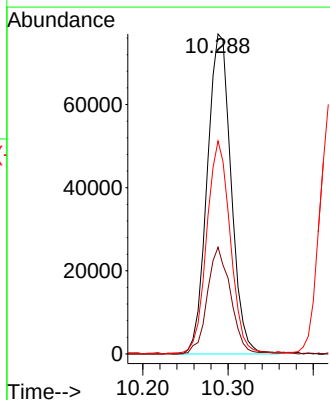
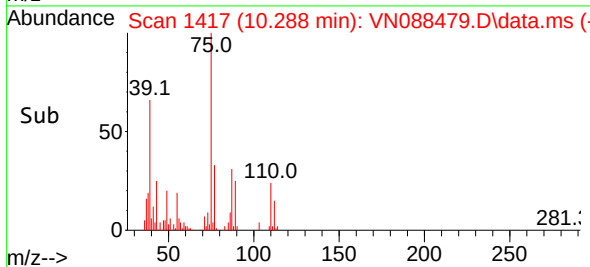
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

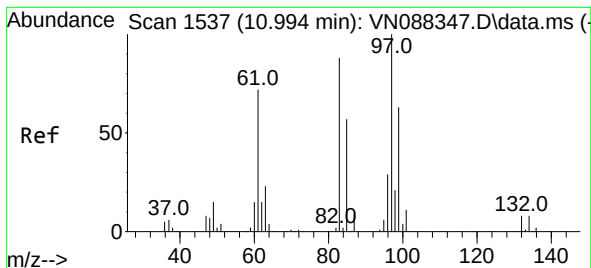


#54
cis-1,3-Dichloropropene
Concen: 22.191 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



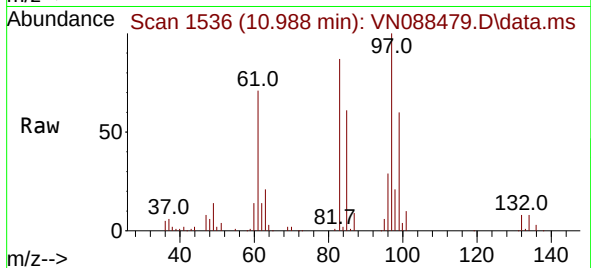
Tgt Ion: 75 Resp: 149977
Ion Ratio Lower Upper
75 100
77 33.3 24.5 36.7
39 66.2 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 23.019 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

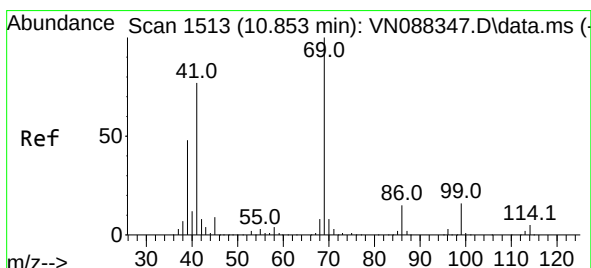
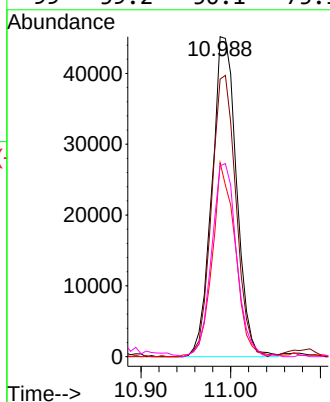
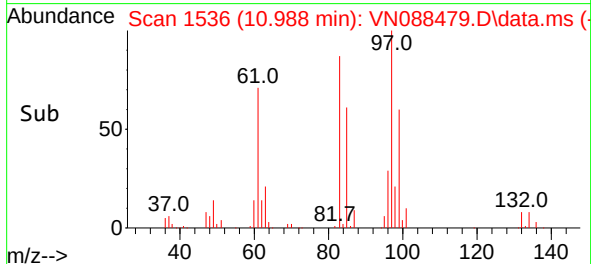
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 97 Resp: 86302
Ion Ratio Lower Upper
97 100
83 86.8 70.4 105.6
85 60.6 45.4 68.2
99 59.2 50.1 75.1

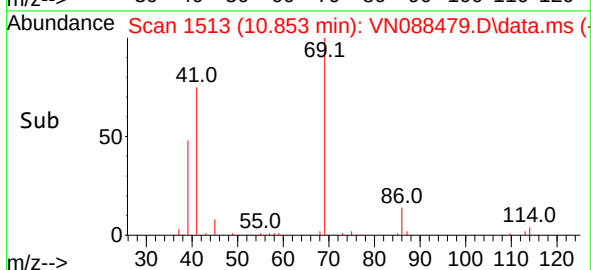
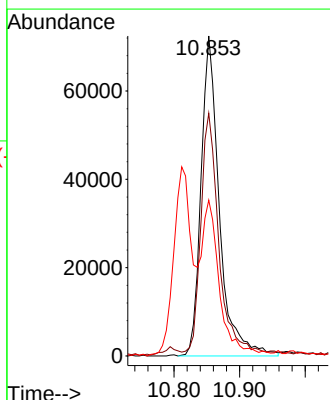
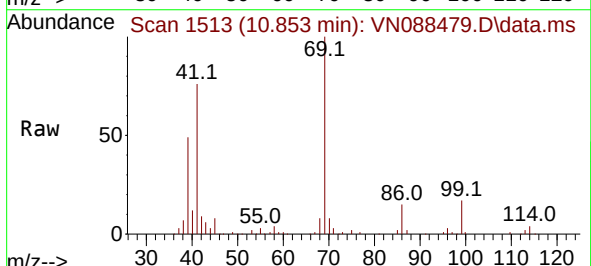
Manual Integrations
APPROVED

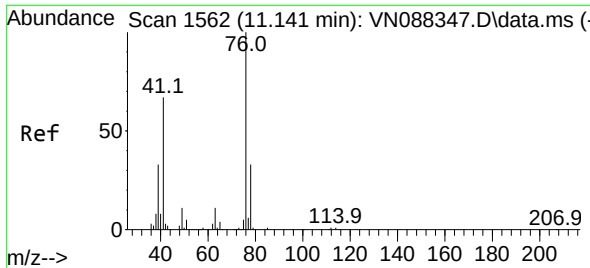
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
Ethyl methacrylate
Concen: 23.824 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

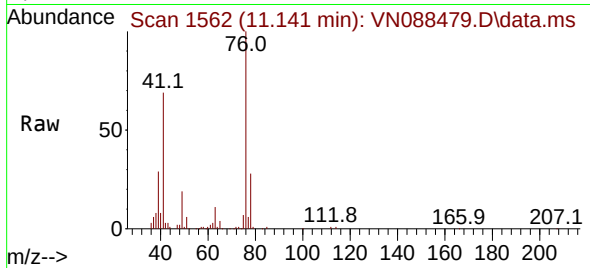
Tgt Ion: 69 Resp: 141095
Ion Ratio Lower Upper
69 100
41 72.7 59.6 89.4
39 45.0 36.4 54.6





#57
1,3-Dichloropropane
Concen: 22.235 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

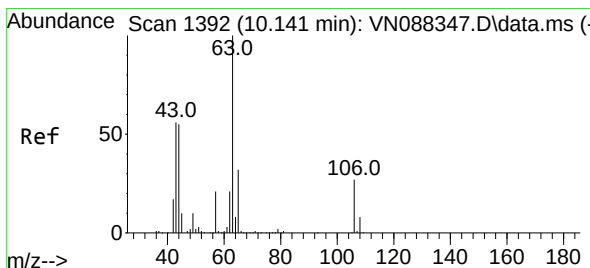
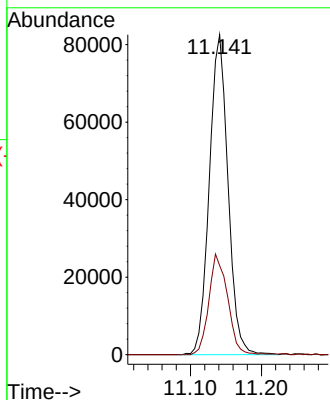
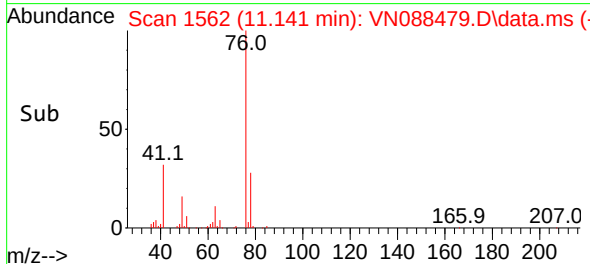
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 76 Resp: 150394
Ion Ratio Lower Upper
76 100
78 31.5 26.2 39.4

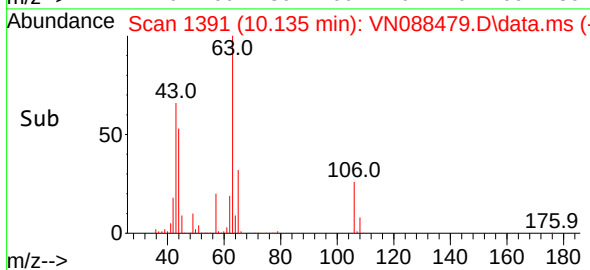
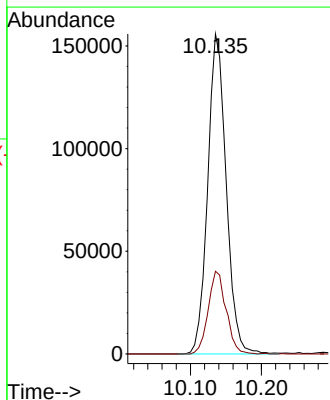
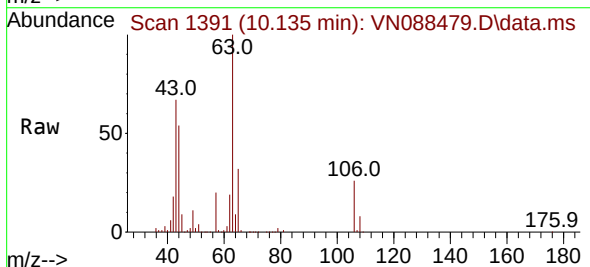
Manual Integrations
APPROVED

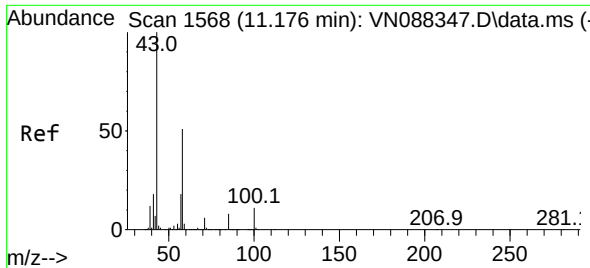
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 82.567 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

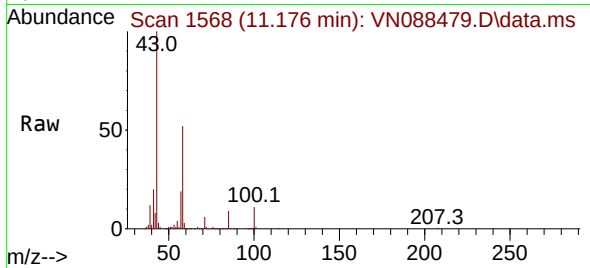
Tgt Ion: 63 Resp: 281907
Ion Ratio Lower Upper
63 100
106 25.0 20.5 30.7





#59
2-Hexanone
Concen: 109.089 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

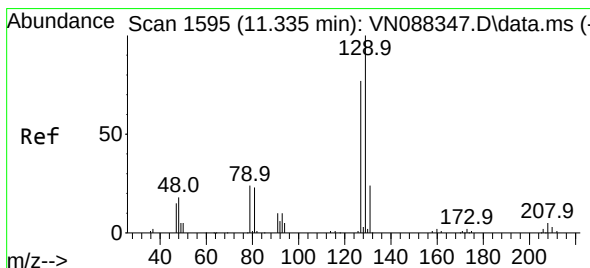
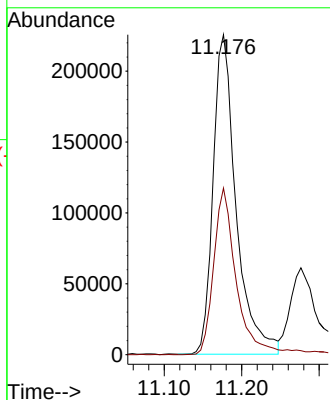
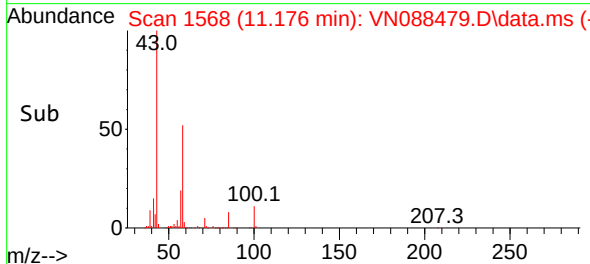
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 43 Resp: 465308
Ion Ratio Lower Upper
43 100
58 50.4 25.3 75.9

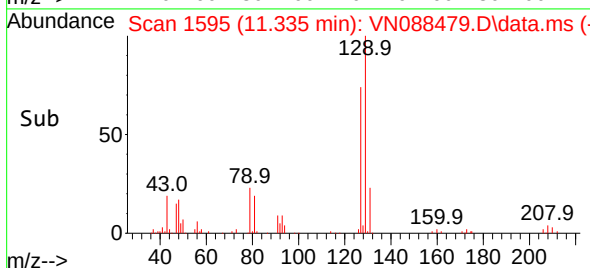
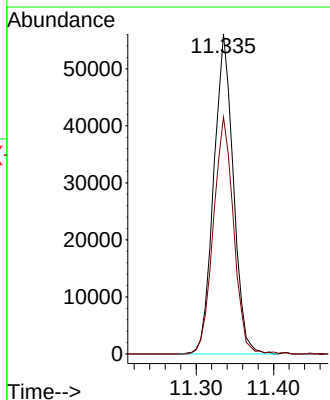
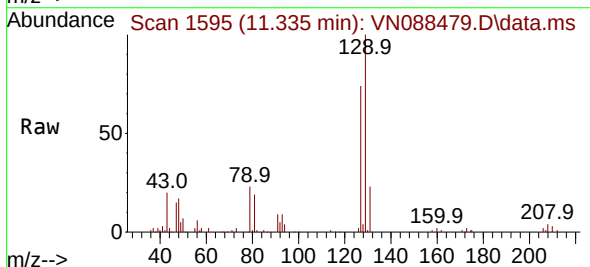
Manual Integrations
APPROVED

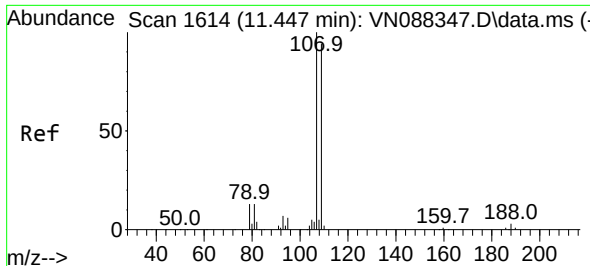
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
Dibromochloromethane
Concen: 23.097 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

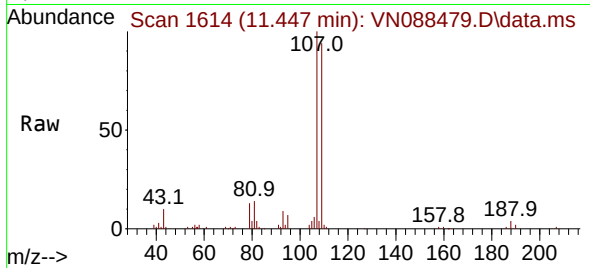
Tgt Ion:129 Resp: 98719
Ion Ratio Lower Upper
129 100
127 76.5 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.764 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

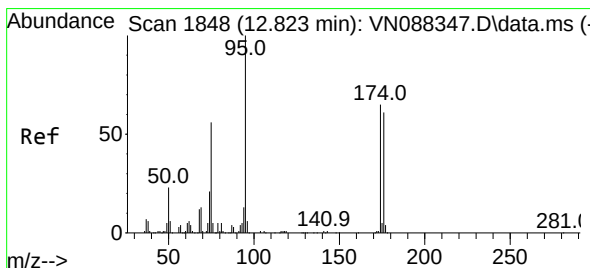
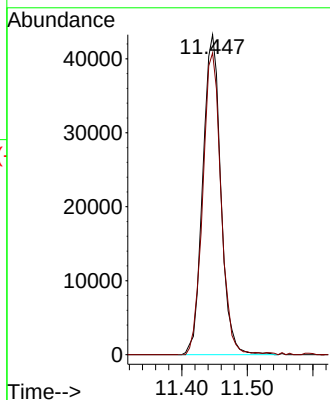
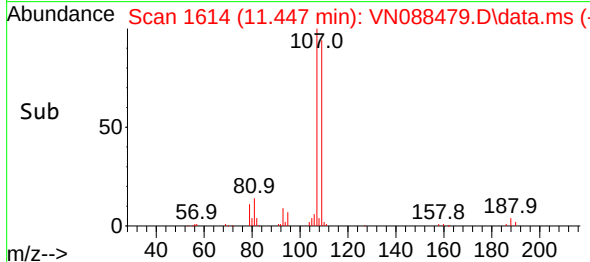
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



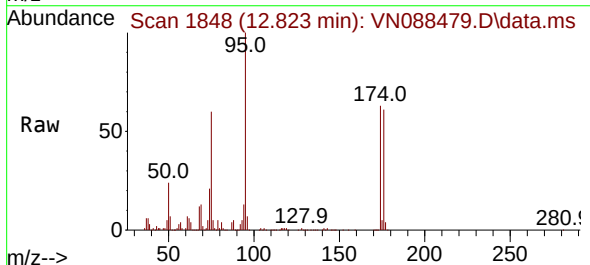
Tgt Ion:107 Resp: 82628
Ion Ratio Lower Upper
107 100
109 95.4 74.6 112.0

Manual Integrations
APPROVED

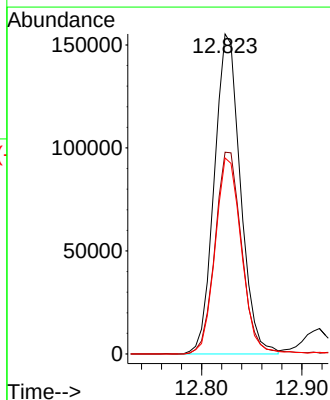
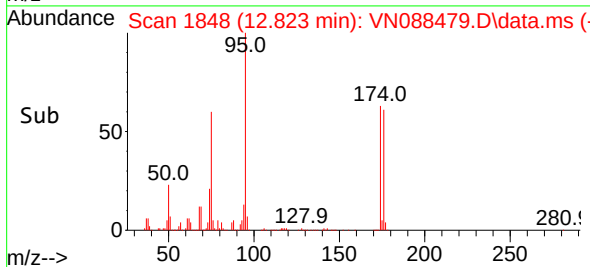
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

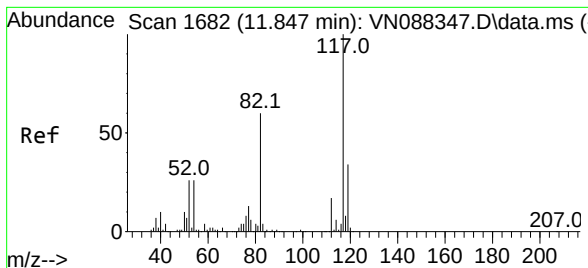


#62
4-Bromofluorobenzene
Concen: 59.363 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



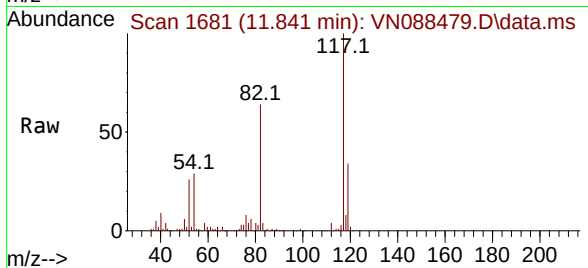
Tgt Ion: 95 Resp: 280790
Ion Ratio Lower Upper
95 100
174 64.6 0.0 139.0
176 61.9 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

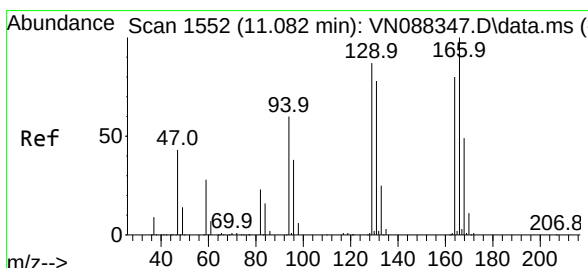
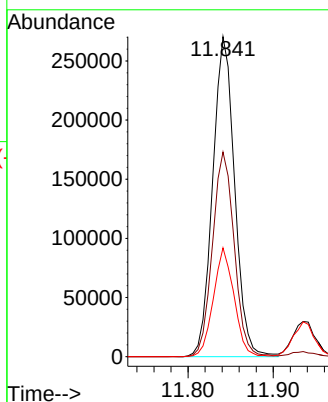
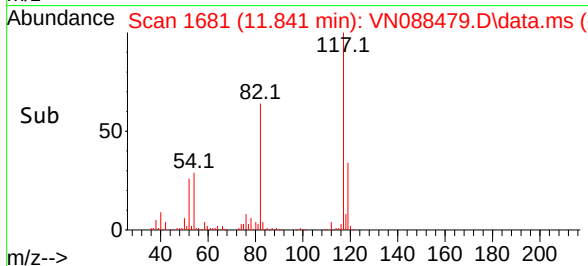
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



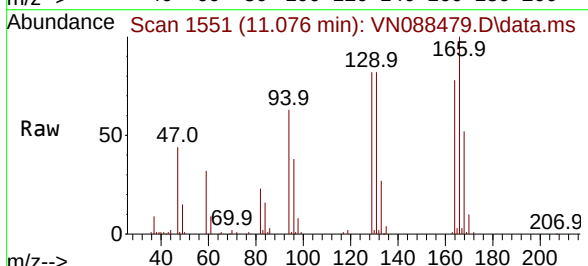
Tgt Ion:117 Resp: 484700
Ion Ratio Lower Upper
117 100
82 63.9 47.8 71.8
119 34.0 26.9 40.3

Manual Integrations
APPROVED

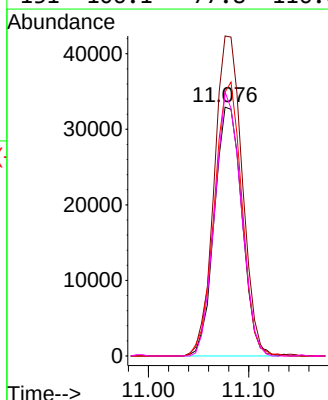
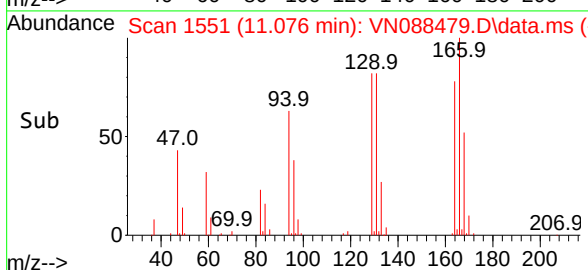
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

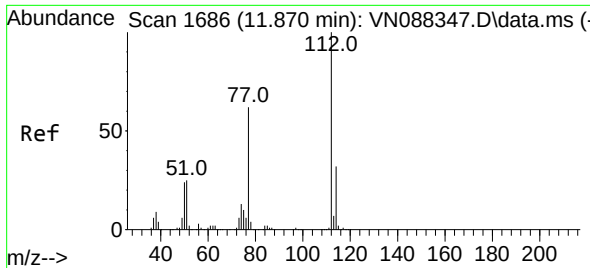


#64
Tetrachloroethene
Concen: 16.335 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion:164 Resp: 62769
Ion Ratio Lower Upper
164 100
166 128.7 99.6 149.4
129 106.1 86.6 129.8
131 106.1 77.8 116.6





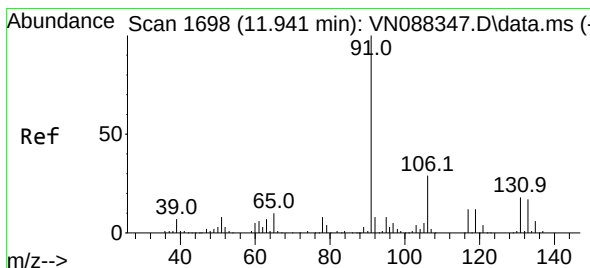
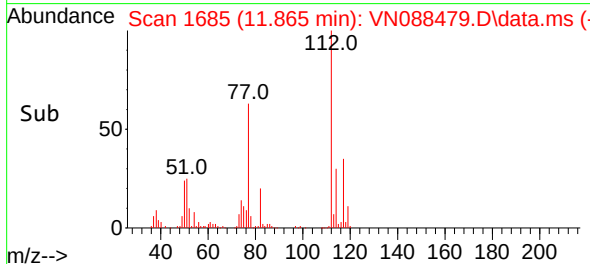
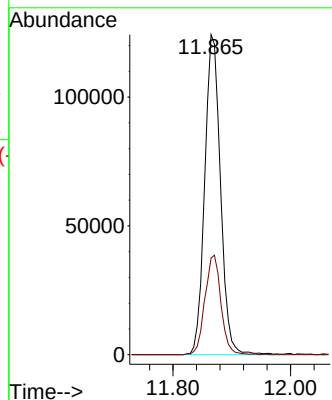
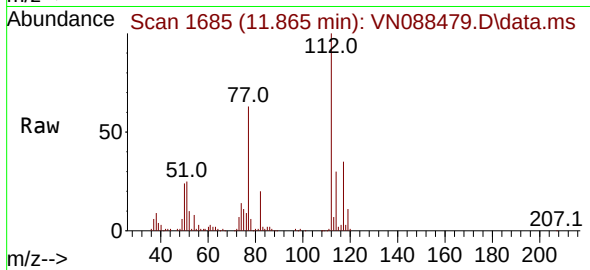
#65
Chlorobenzene
Concen: 21.242 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:112 Resp: 23126
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

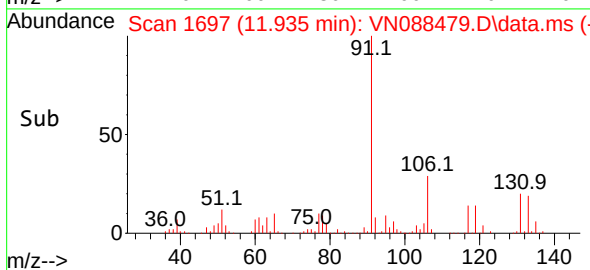
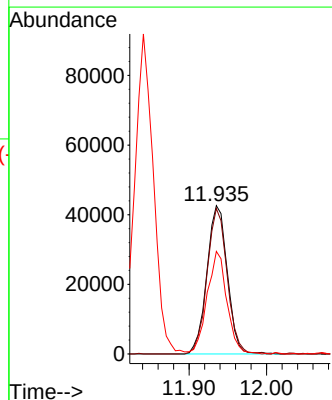
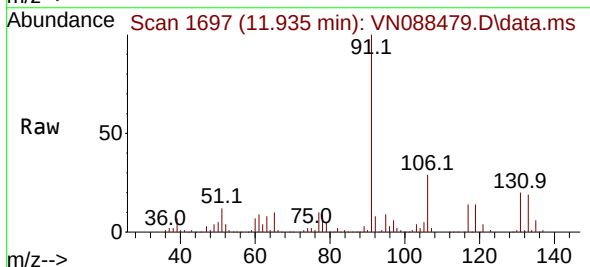
Manual Integrations
APPROVED

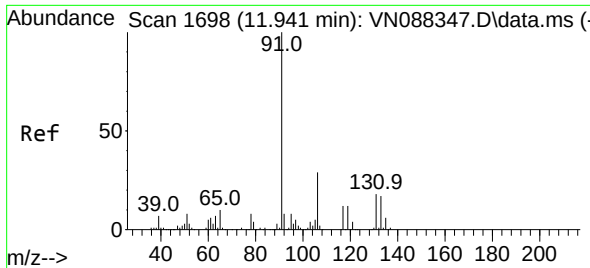
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.289 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

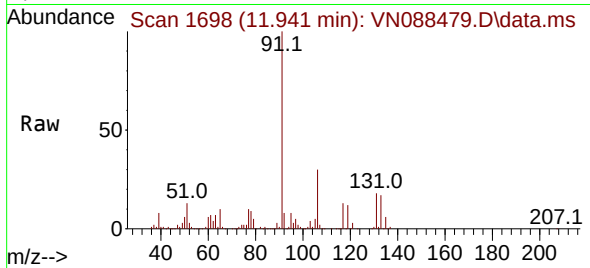
Tgt Ion:131 Resp: 78174
Ion Ratio Lower Upper
131 100
133 96.1 47.4 142.2
119 66.9 33.4 100.1





#67
Ethyl Benzene
Concen: 20.814 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

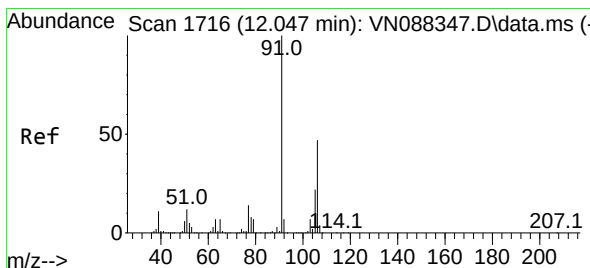
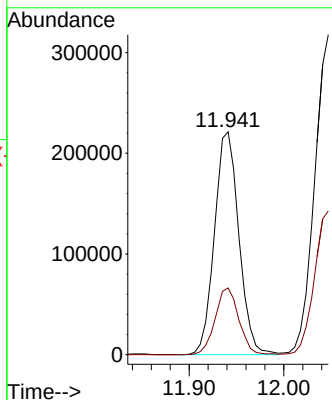
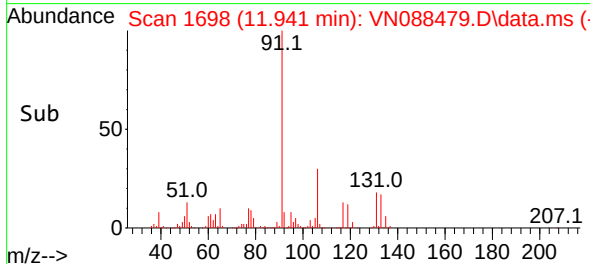
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



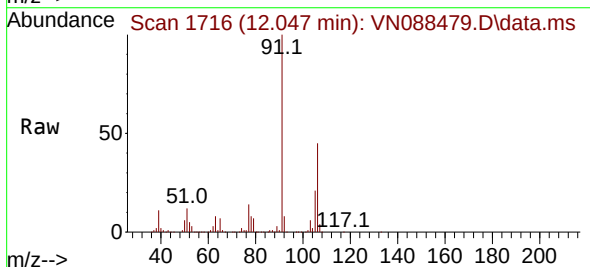
Tgt Ion: 91 Resp: 396069
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4

Manual Integrations
APPROVED

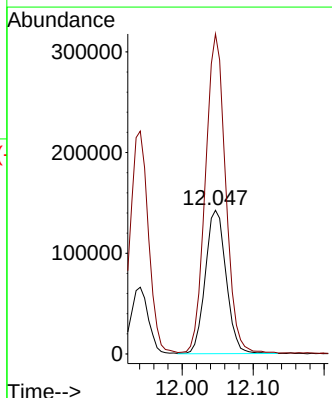
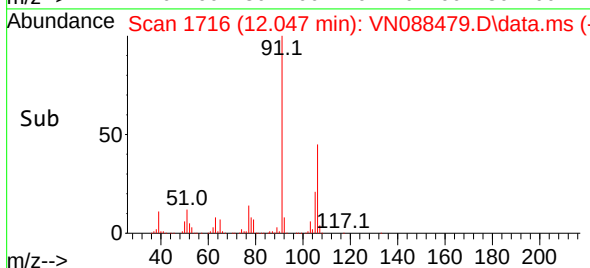
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

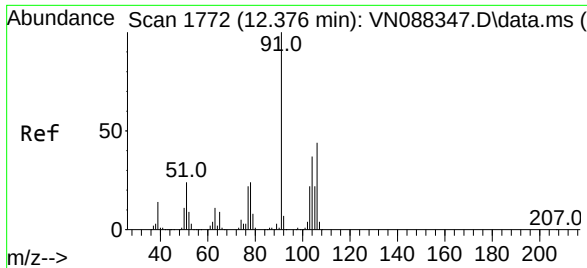


#68
m/p-Xylenes
Concen: 41.191 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



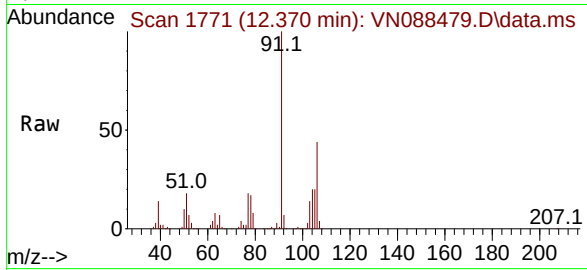
Tgt Ion:106 Resp: 290616
Ion Ratio Lower Upper
106 100
91 216.3 167.8 251.6





#69
o-Xylene
Concen: 20.627 ug/l
RT: 12.370 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

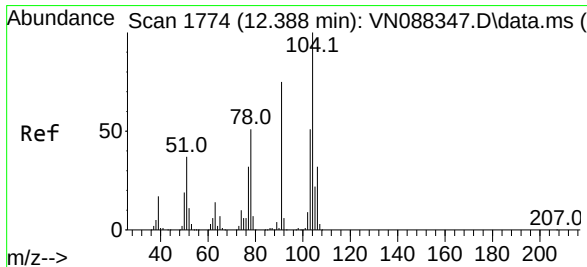
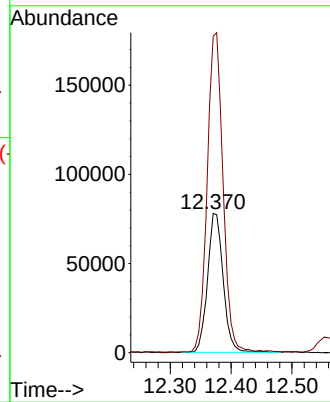
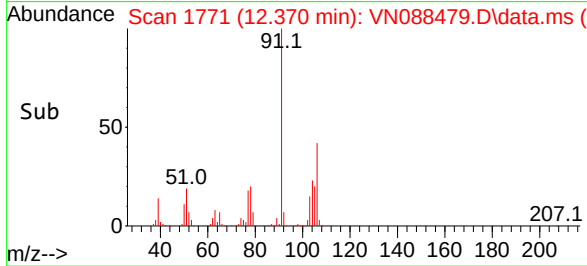
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:106 Resp: 138744
Ion Ratio Lower Upper
106 100
91 232.6 112.9 338.7

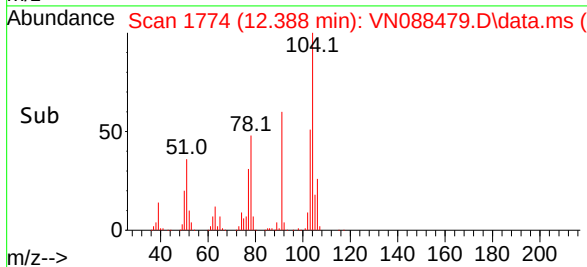
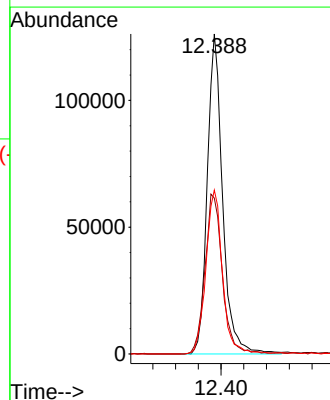
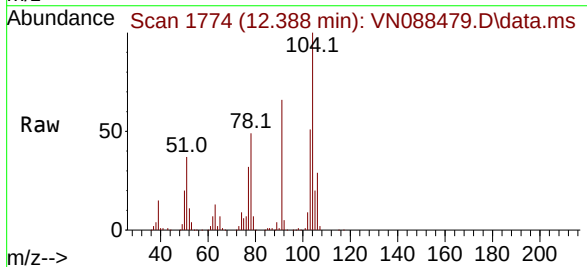
Manual Integrations
APPROVED

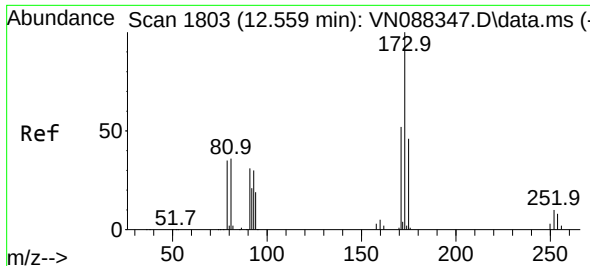
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#70
Styrene
Concen: 21.592 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

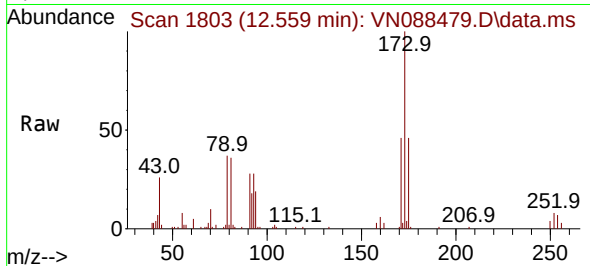
Tgt Ion:104 Resp: 235824
Ion Ratio Lower Upper
104 100
78 56.8 44.3 66.5
103 55.3 44.2 66.4





#71
Bromoform
Concen: 21.158 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

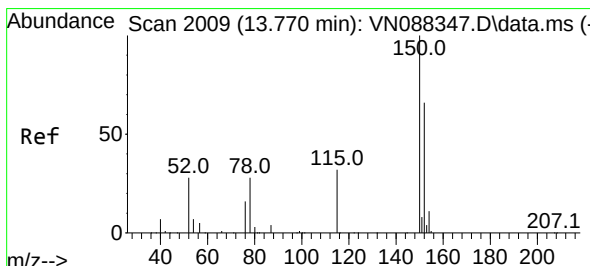
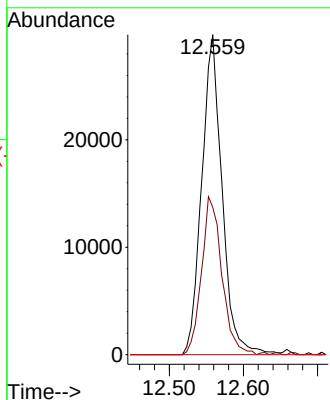
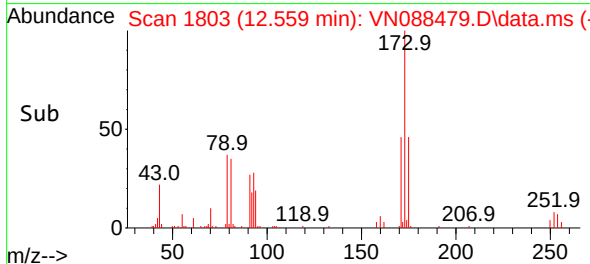
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



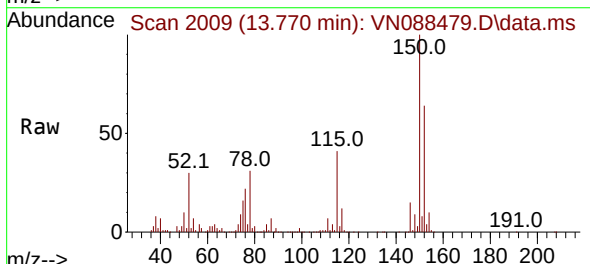
Tgt Ion:173 Resp: 56900
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

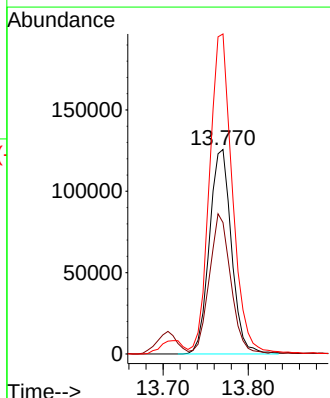
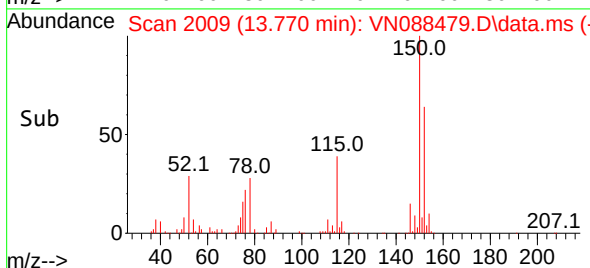
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

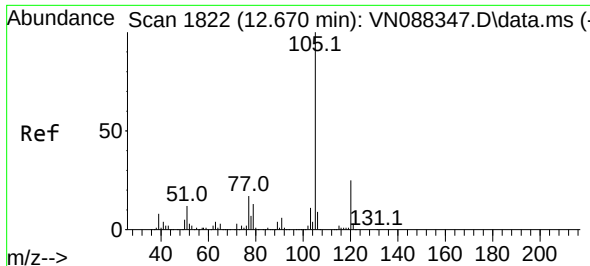


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion:152 Resp: 226468
Ion Ratio Lower Upper
152 100
115 65.6 33.0 98.9
150 161.4 0.0 349.0





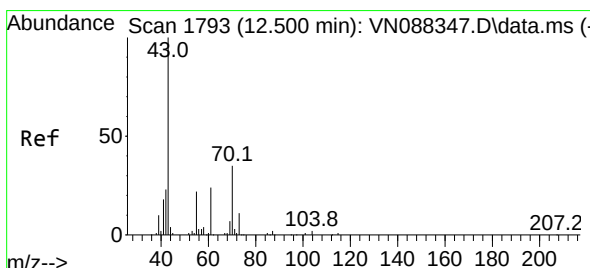
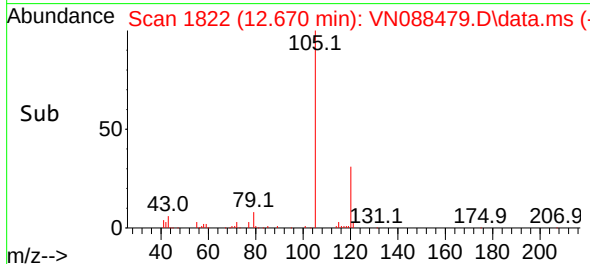
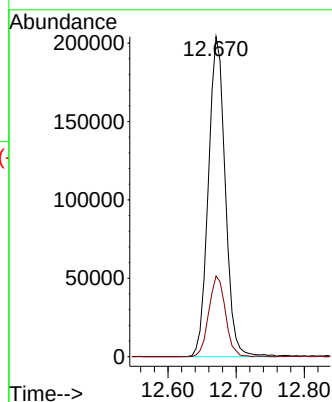
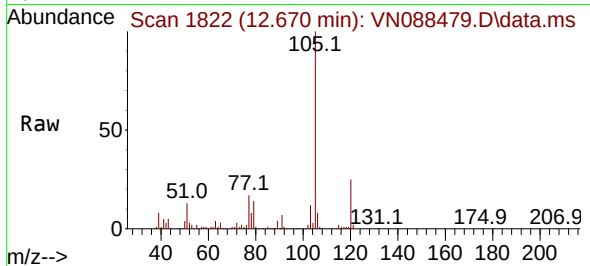
#73
Isopropylbenzene
Concen: 21.017 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:105 Resp: 351910
Ion Ratio Lower Upper
105 100
120 24.7 12.8 38.3

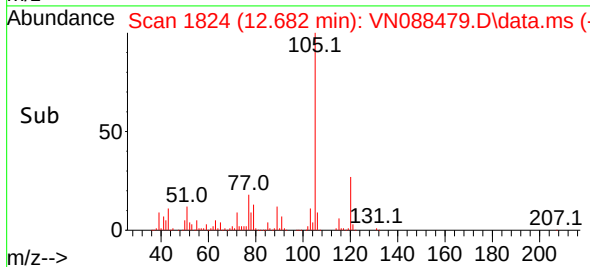
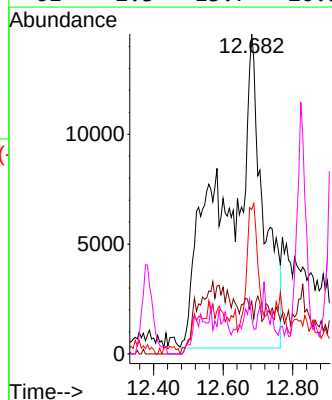
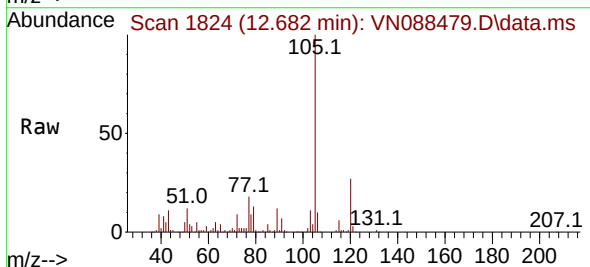
Manual Integrations
APPROVED

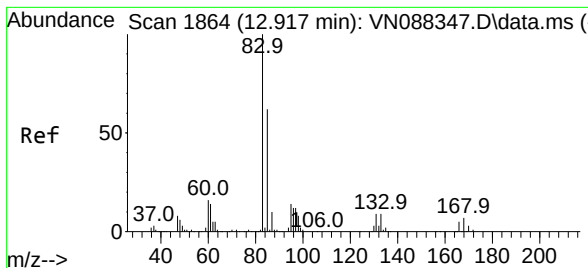
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#74
N-ethyl acetate
Concen: 18.732 ug/l m
RT: 12.682 min Scan# 1824
Delta R.T. 0.182 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

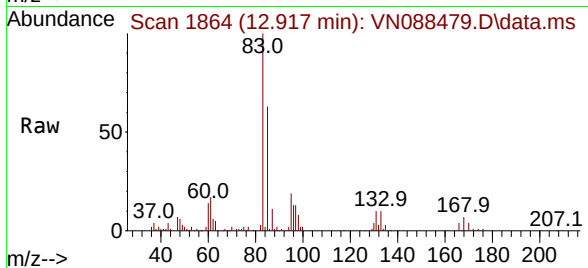
Tgt Ion: 43 Resp: 106821
Ion Ratio Lower Upper
43 100
70 2.7 28.3 42.5#
55 2.3 17.7 26.5#
61 2.3 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.915 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

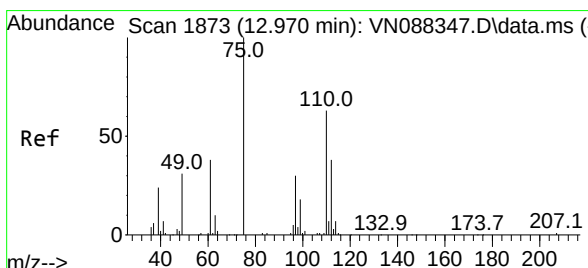
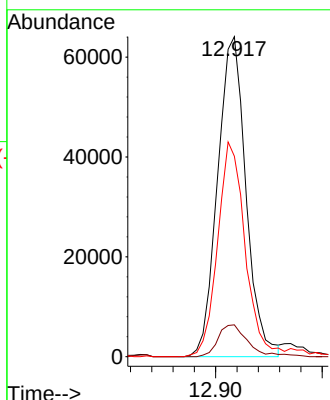
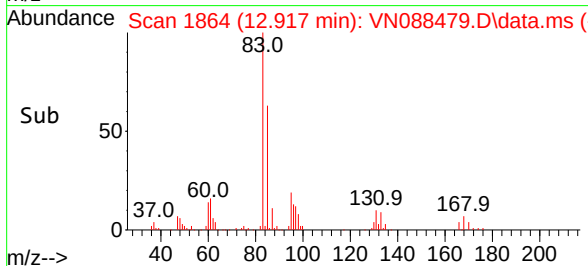
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



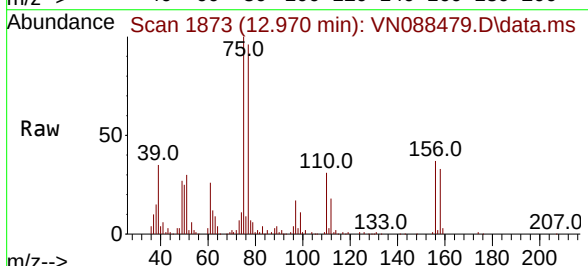
Tgt Ion: 83 Resp: 118630
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 65.1 32.1 96.5

Manual Integrations
APPROVED

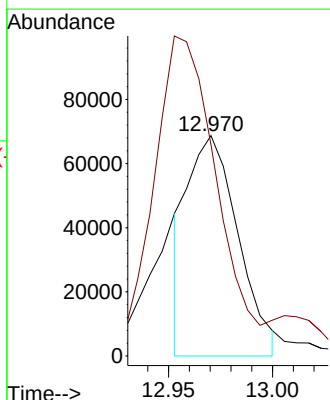
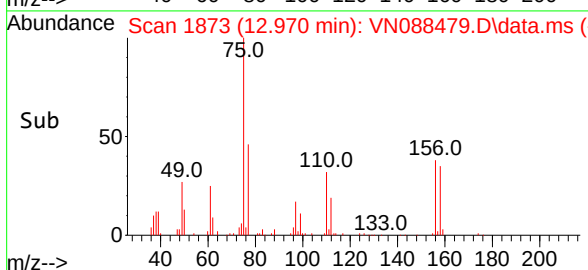
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

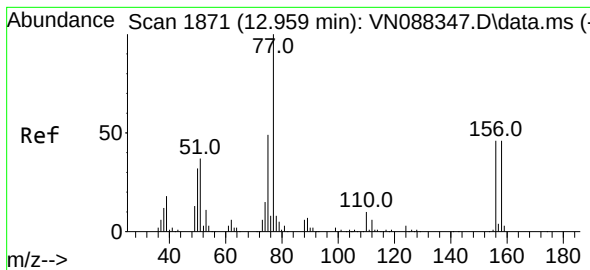


#76
1,2,3-Trichloropropane
Concen: 21.947 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



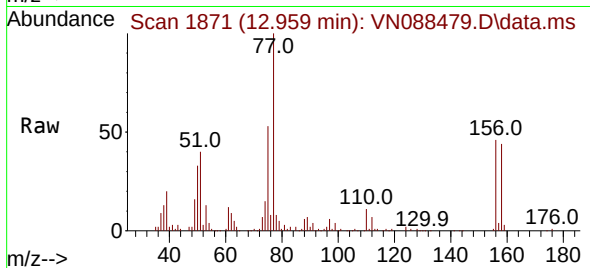
Tgt Ion: 75 Resp: 116411
Ion Ratio Lower Upper
75 100
77 179.7 87.2 261.6





#77
Bromobenzene
Concen: 21.764 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

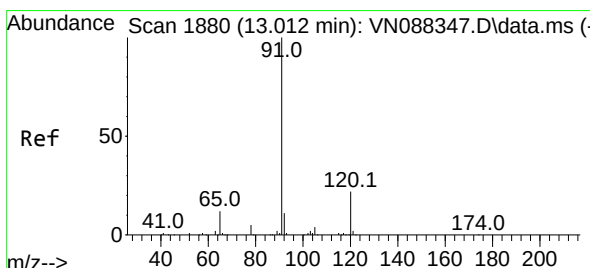
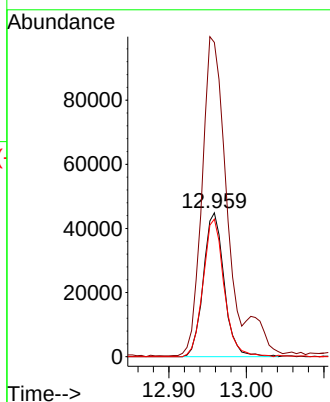
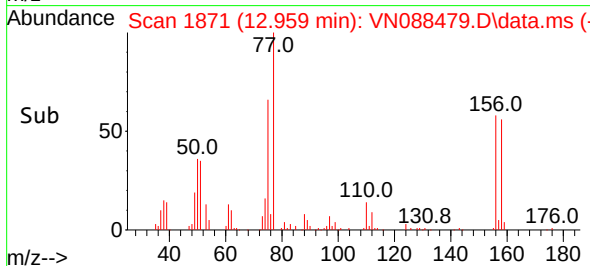
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion:156 Resp: 83384
Ion Ratio Lower Upper
156 100
77 250.9 121.6 364.7
158 96.9 48.6 145.8

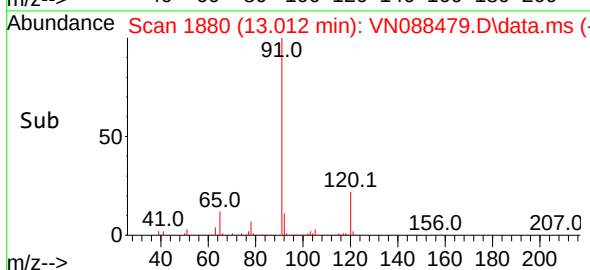
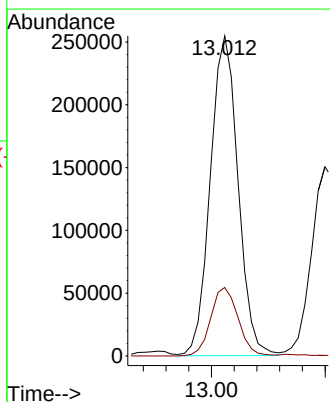
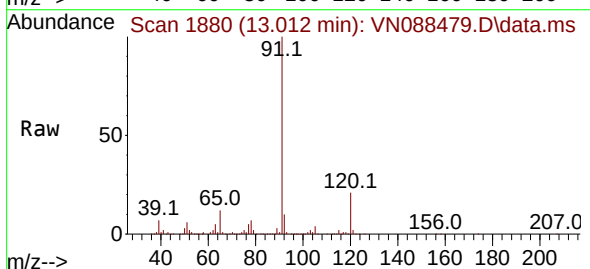
Manual Integrations
APPROVED

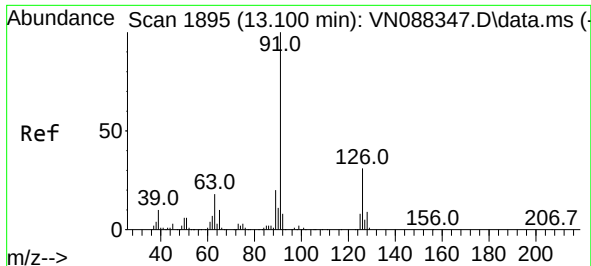
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#78
n-propylbenzene
Concen: 21.092 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

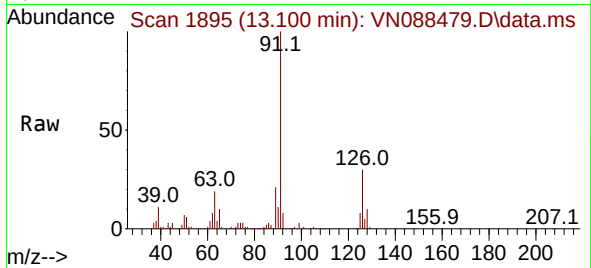
Tgt Ion: 91 Resp: 432061
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.6





#79
2-Chlorotoluene
Concen: 21.901 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

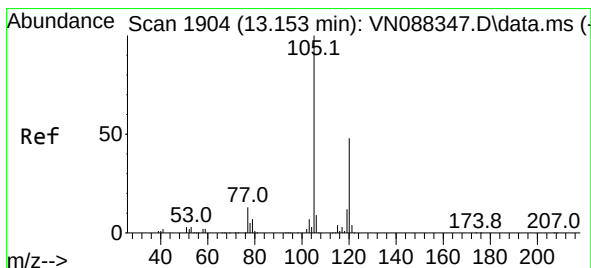
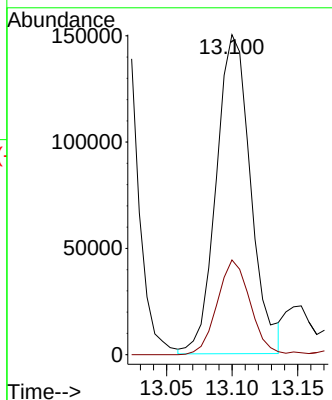
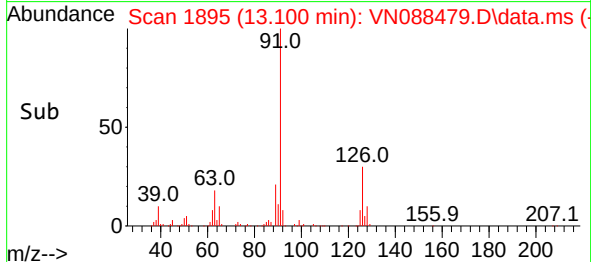
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



Tgt Ion: 91 Resp: 27397
Ion Ratio Lower Upper
91 100
126 28.6 15.3 45.9

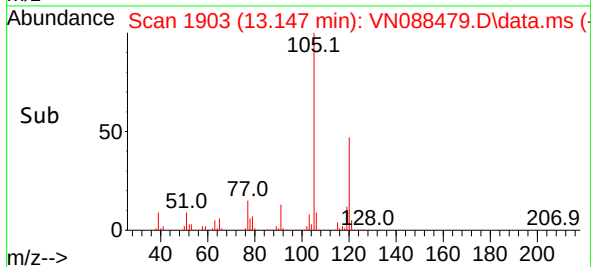
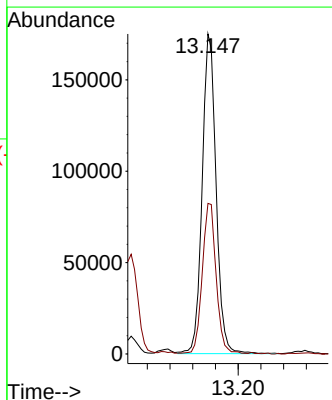
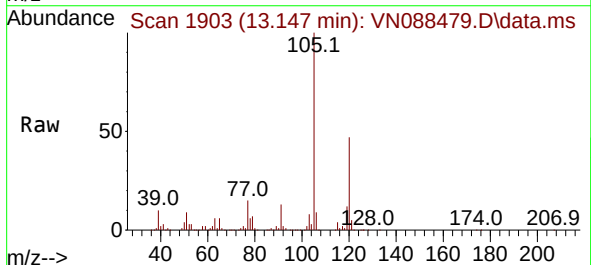
Manual Integrations
APPROVED

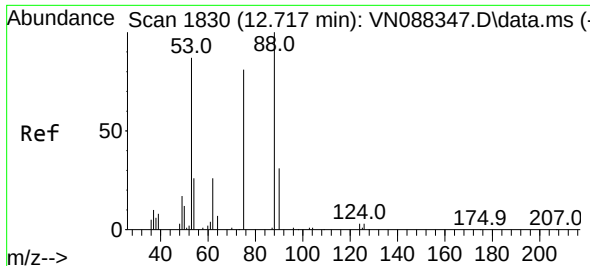
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.398 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

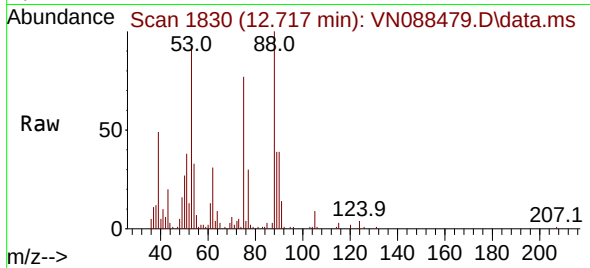
Tgt Ion:105 Resp: 296904
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.227 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

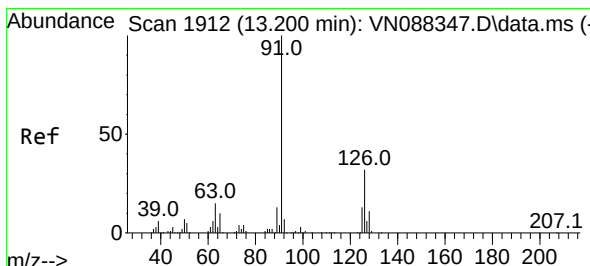
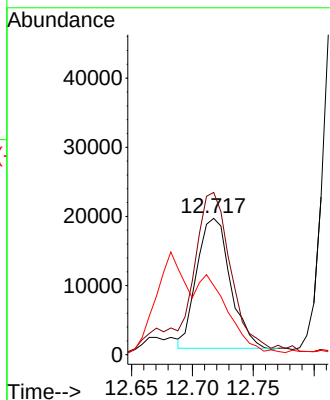
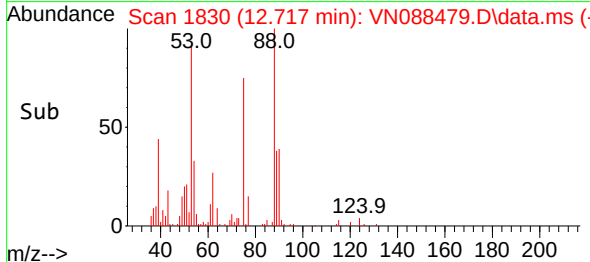
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



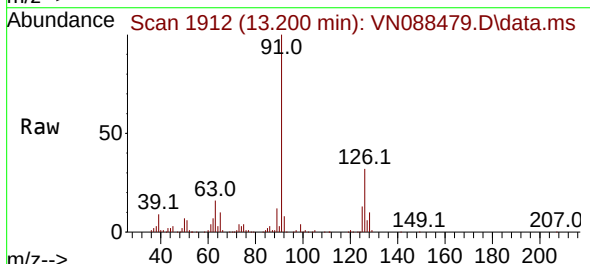
Tgt Ion: 75 Resp: 35950
Ion Ratio Lower Upper
75 100
53 161.0 92.2 138.4
89 0.0 0.0 0.0

Manual Integrations
APPROVED

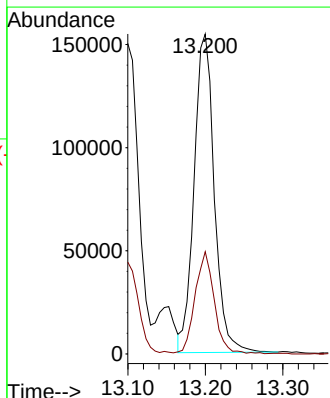
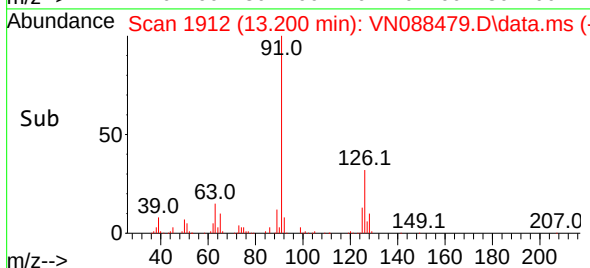
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

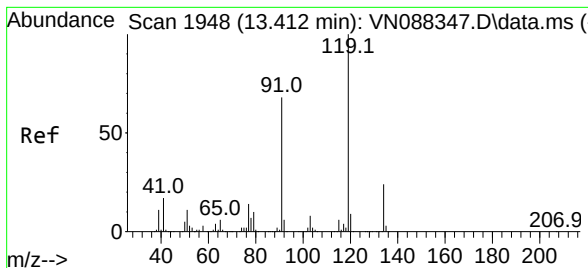


#82
4-Chlorotoluene
Concen: 22.463 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



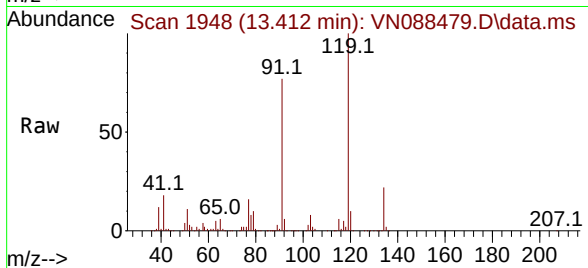
Tgt Ion: 91 Resp: 279099
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7





#83
tert-Butylbenzene
Concen: 20.110 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

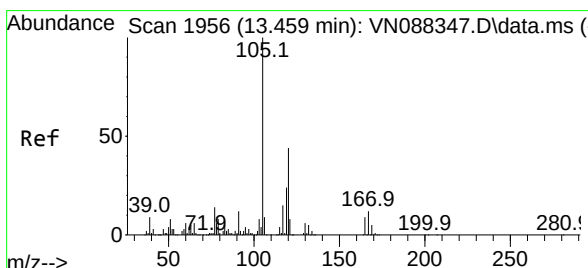
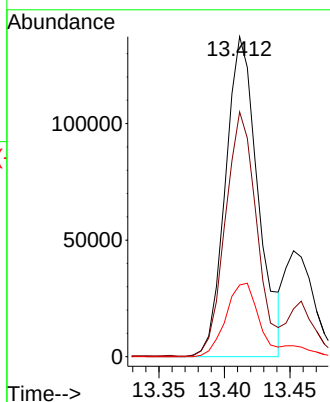
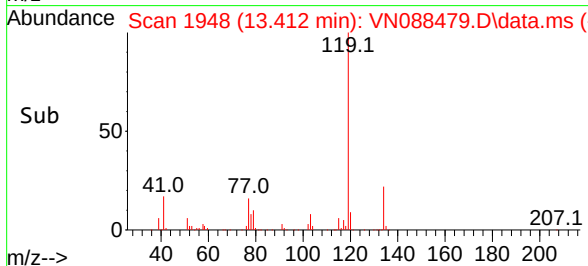
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01



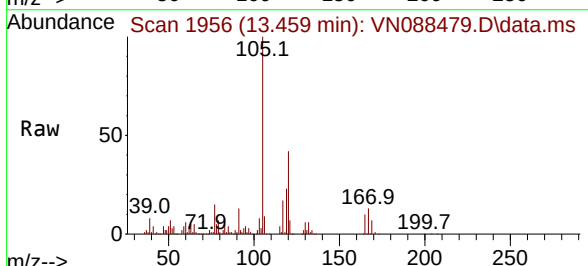
Tgt Ion:119 Resp: 237190
Ion Ratio Lower Upper
119 100
91 73.4 35.1 105.3
134 23.1 12.8 38.4

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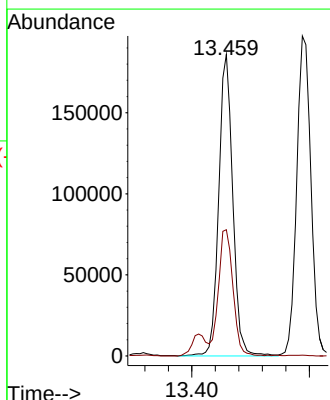
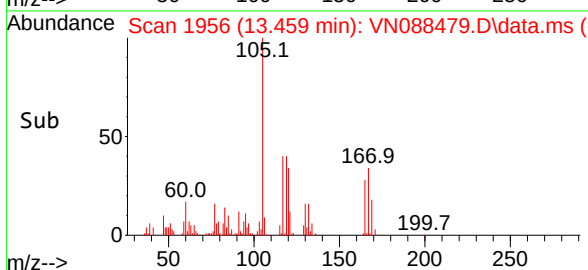
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

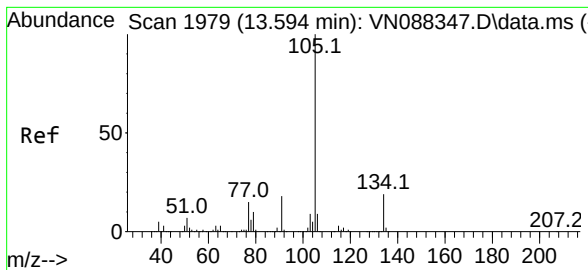


#84
1,2,4-Trimethylbenzene
Concen: 22.330 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22



Tgt Ion:105 Resp: 307962
Ion Ratio Lower Upper
105 100
120 42.9 22.1 66.1





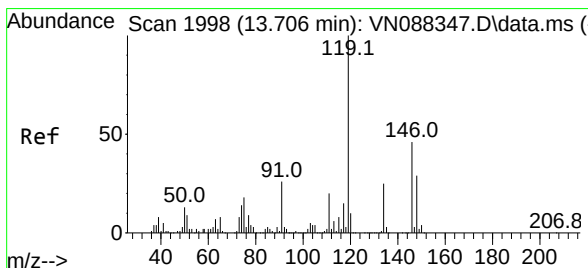
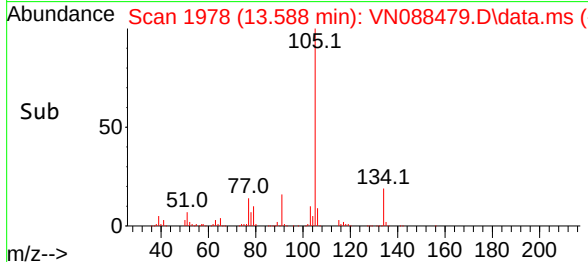
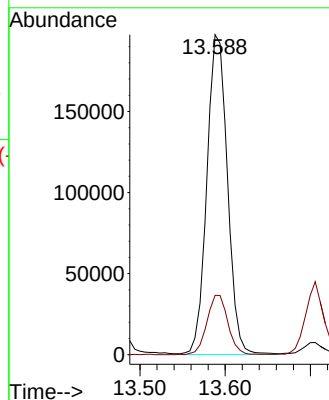
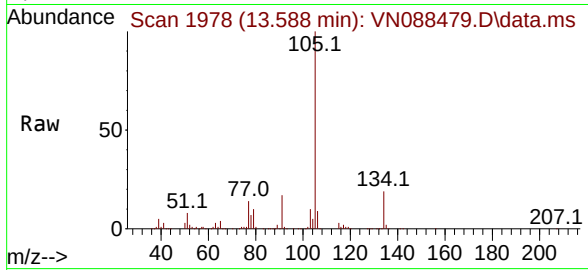
#85
 sec-Butylbenzene
 Concen: 19.505 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Tgt Ion:105 Resp: 330502
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5

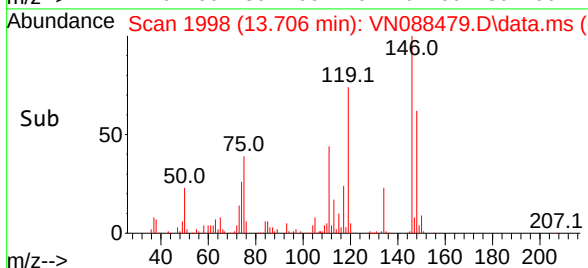
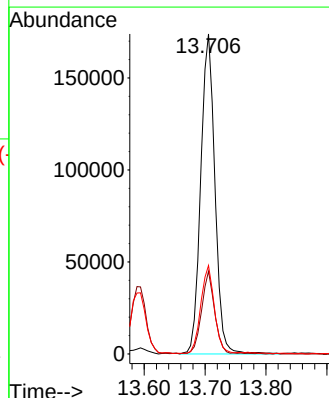
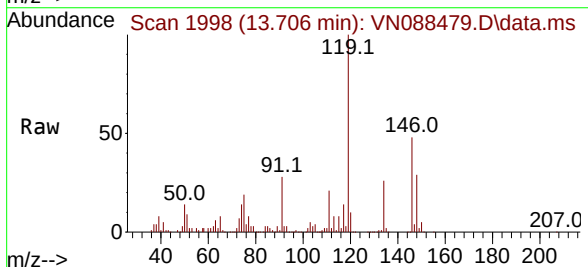
Manual Integrations
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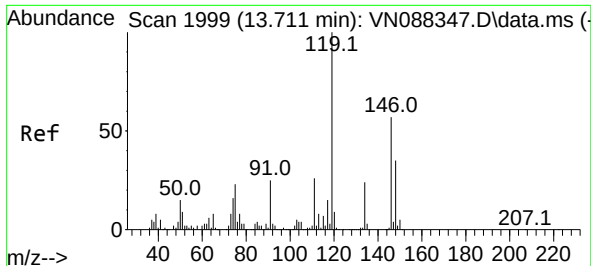
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#86
 p-Isopropyltoluene
 Concen: 20.291 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Tgt Ion:119 Resp: 281936
 Ion Ratio Lower Upper
 119 100
 134 24.0 12.2 36.6
 91 26.0 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.843 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

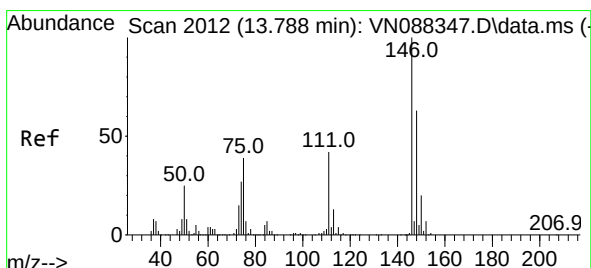
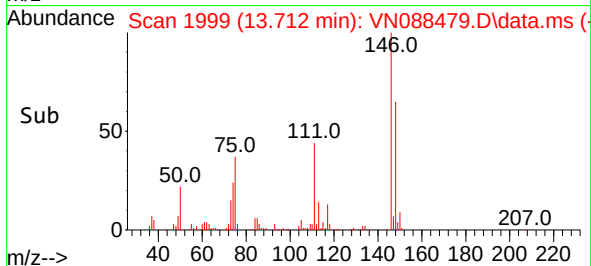
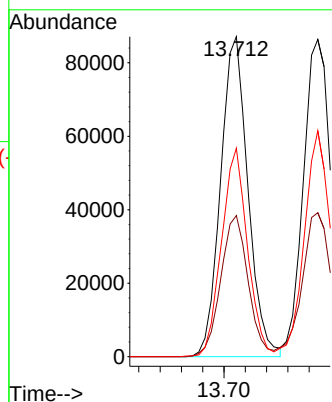
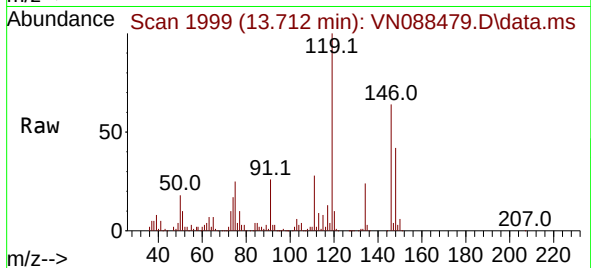
Tgt Ion:146 Resp: 15545
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 61.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#88

1,4-Dichlorobenzene

Concen: 20.199 ug/l

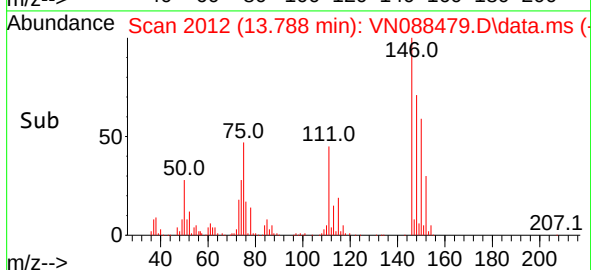
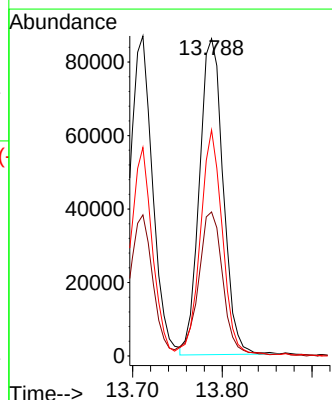
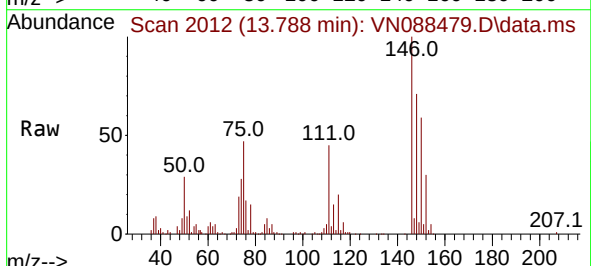
RT: 13.788 min Scan# 1212

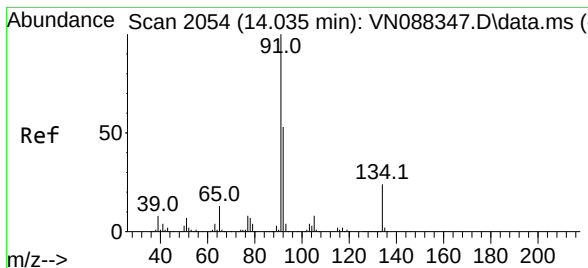
Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Tgt Ion:146 Resp: 157803
Ion Ratio Lower Upper
146 100
111 46.4 21.6 64.6
148 67.1 31.0 93.0





#89

n-Butylbenzene

Concen: 19.013 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

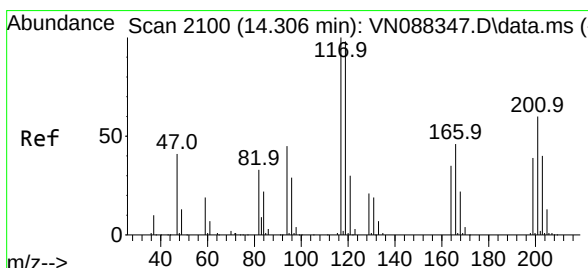
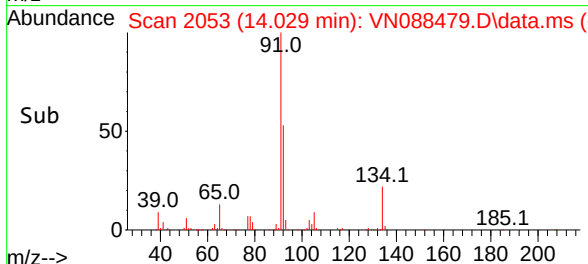
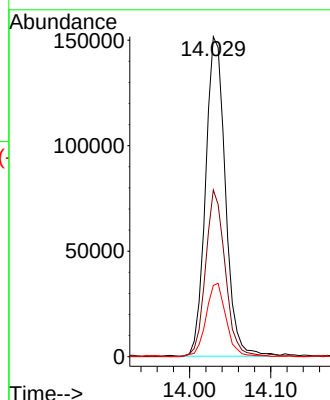
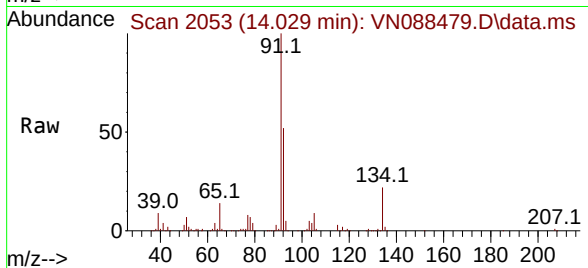
Tgt Ion: 91	Resp: 25650
Ion Ratio	Lower Upper
91	100
92	51.6 26.1 78.3
134	23.5 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#90

Hexachloroethane

Concen: 19.202 ug/l

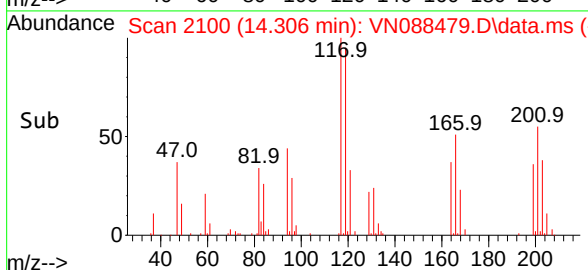
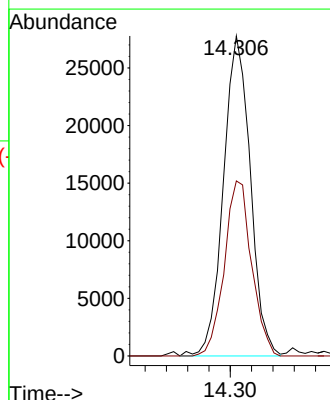
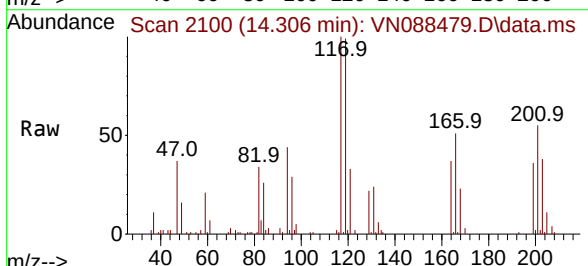
RT: 14.306 min Scan# 2100

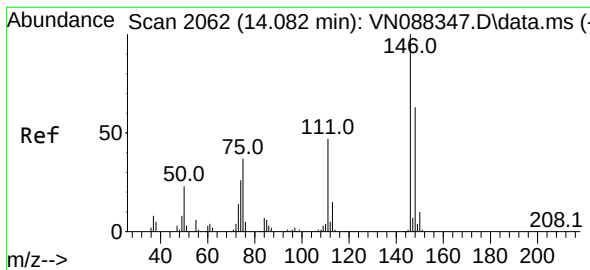
Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Tgt Ion:117	Resp: 48740
Ion Ratio	Lower Upper
117	100
201	55.3 30.3 90.9





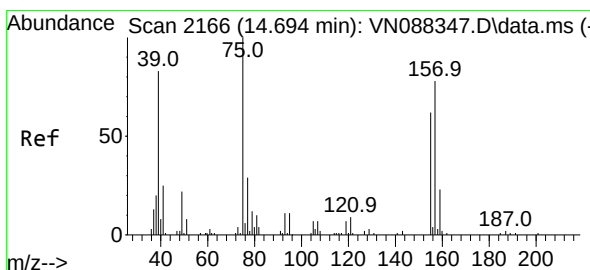
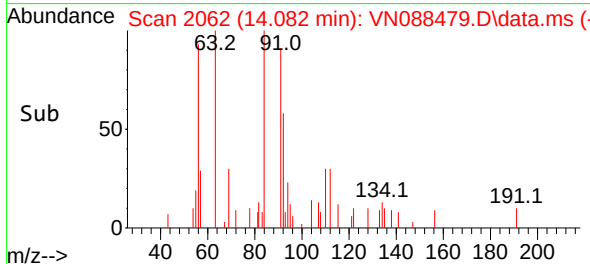
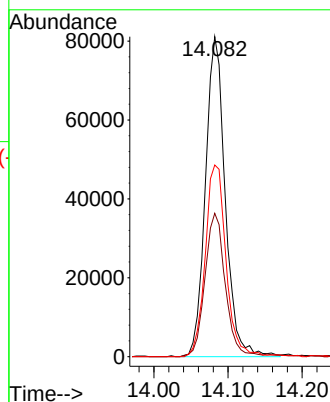
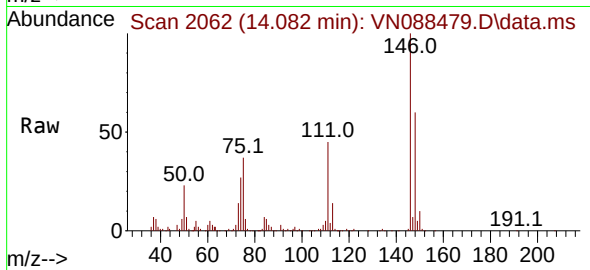
#91
1,2-Dichlorobenzene
Concen: 21.493 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBS01

Tgt Ion:146 Resp: 15084
Ion Ratio Lower Upper
146 100
111 45.8 23.3 69.9
148 62.7 31.8 95.4

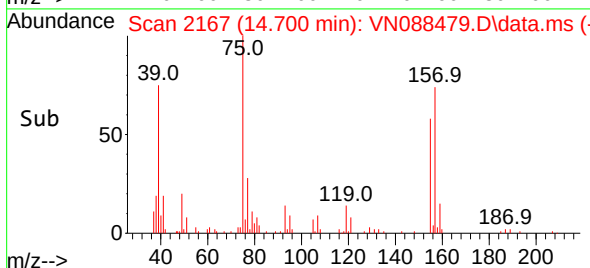
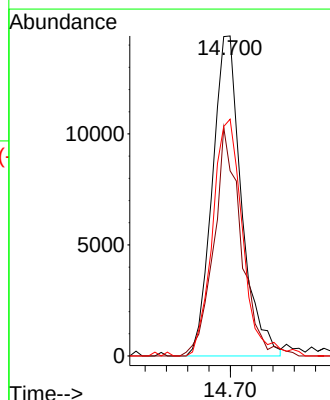
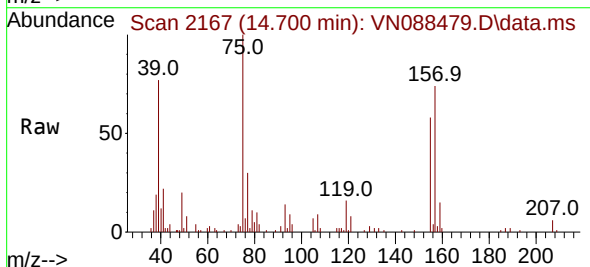
Manual Integrations
APPROVED

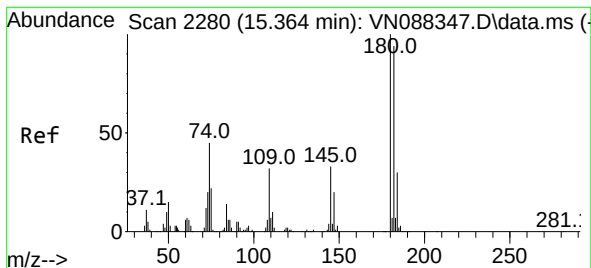
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.850 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088479.D
Acq: 09 Dec 2025 15:22

Tgt Ion: 75 Resp: 27384
Ion Ratio Lower Upper
75 100
155 67.1 33.7 101.1
157 76.6 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.691 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBS01

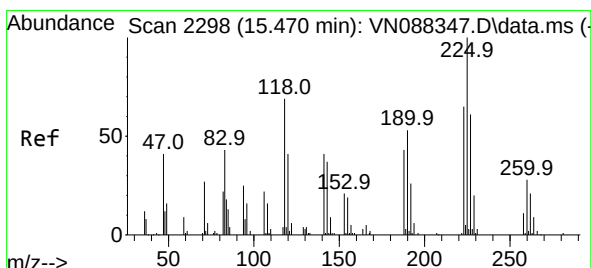
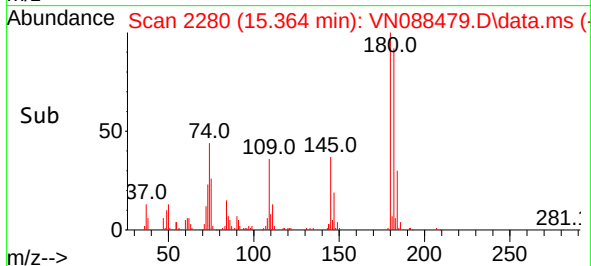
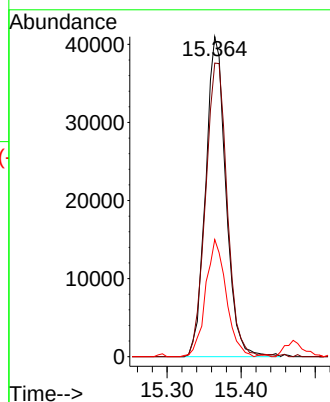
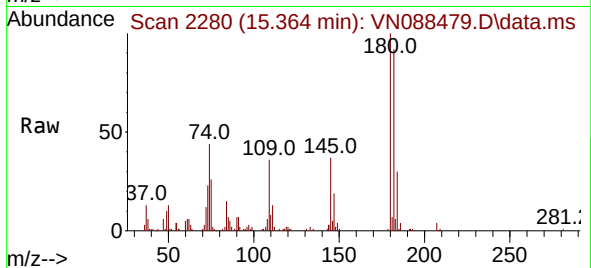
Tgt Ion:180	Resp:	7794
Ion Ratio	Lower	Upper
180	100	
182	98.3	46.1 138.2
145	37.3	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#94

Hexachlorobutadiene

Concen: 16.060 ug/l

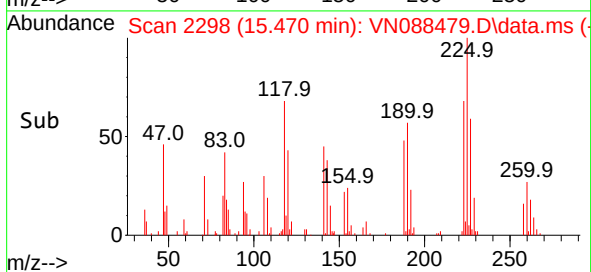
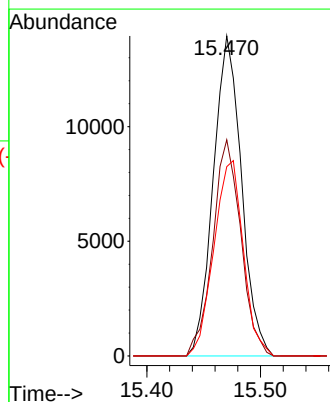
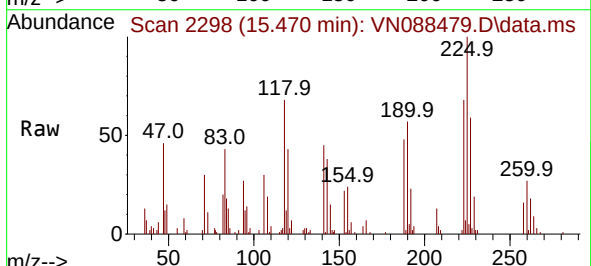
RT: 15.470 min Scan# 2298

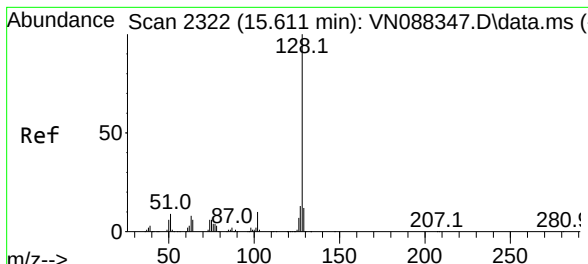
Delta R.T. 0.000 min

Lab File: VN088479.D

Acq: 09 Dec 2025 15:22

Tgt Ion:225	Resp:	24066
Ion Ratio	Lower	Upper
225	100	
223	67.2	32.3 96.8
227	63.7	29.9 89.8





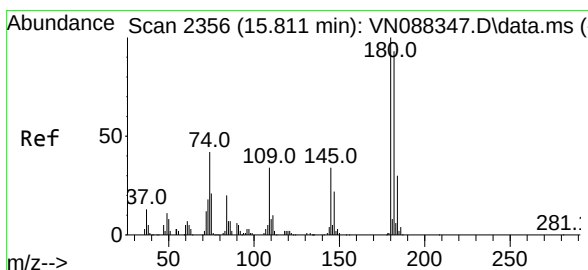
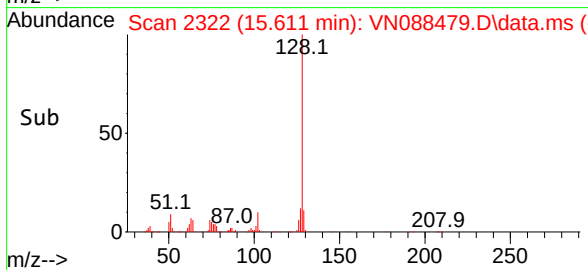
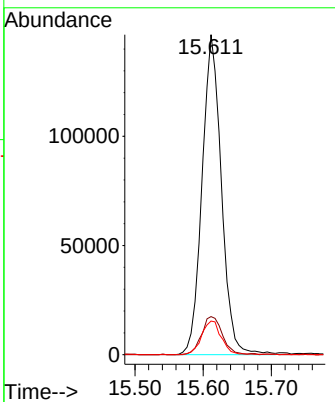
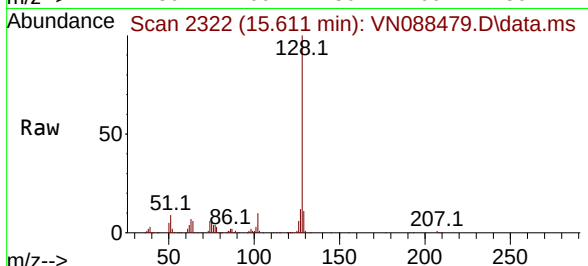
#95
 Naphthalene
 Concen: 20.028 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Instrument : MSVOA_N
 ClientSampleId : VN1209WBS01

Tgt Ion:	128	Resp:	28941
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	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: 18.554 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088479.D
 Acq: 09 Dec 2025 15:22

Tgt Ion:	180	Resp:	75298
Ion Ratio	Lower	Upper	
180	100		
182	92.8	45.9	137.7
145	36.8	17.8	53.4

