

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088484.D
 Acq On : 09 Dec 2025 17:03
 Operator : JC\MD
 Sample : VN1209WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 05:10:57 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	235204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	463029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	413827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	196069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	199426	45.009	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.020%		
35) Dibromofluoromethane	8.153	113	129084	40.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	80.460%		
50) Toluene-d8	10.541	98	454477	38.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	76.140%#		
62) 4-Bromofluorobenzene	12.823	95	166956	40.755	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	81.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	52030	14.728	ug/l	93
3) Chloromethane	2.383	50	65581	17.284	ug/l	97
4) Vinyl Chloride	2.536	62	61998	16.062	ug/l	95
5) Bromomethane	2.989	94	33086	17.809	ug/l	92
6) Chloroethane	3.148	64	42085	17.618	ug/l	90
7) Trichlorofluoromethane	3.524	101	89346	16.469	ug/l	93
8) Diethyl Ether	3.959	74	37950	18.637	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	45178	15.642	ug/l	99
10) Methyl Iodide	4.583	142	43487	15.210	ug/l	97
11) Tert butyl alcohol	5.518	59	56686	80.133	ug/l	100
12) 1,1-Dichloroethene	4.348	96	45630	15.902	ug/l	91
13) Acrolein	4.177	56	60544	89.397	ug/l	98
14) Allyl chloride	5.012	41	99729	18.751	ug/l	94
15) Acrylonitrile	5.706	53	189579	92.886	ug/l	98
16) Acetone	4.418	43	194118	121.142	ug/l	96
17) Carbon Disulfide	4.712	76	143818	15.337	ug/l	96
18) Methyl Acetate	5.024	43	92160	19.321	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	212071	19.726	ug/l	99
20) Methylene Chloride	5.265	84	61988	18.081	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	54181	17.045	ug/l	89
22) Diisopropyl ether	6.653	45	223669	19.698	ug/l #	94
23) Vinyl Acetate	6.589	43	979095	107.022	ug/l	99
24) 1,1-Dichloroethane	6.553	63	119314	18.555	ug/l	97
25) 2-Butanone	7.465	43	259258	100.642	ug/l	97
26) 2,2-Dichloropropane	7.471	77	100744	18.151	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	67246	18.203	ug/l	95
28) Bromochloromethane	7.794	49	42343	13.219	ug/l	97
29) Tetrahydrofuran	7.824	42	169298	91.625	ug/l	99
30) Chloroform	7.941	83	121803	19.277	ug/l	99
31) Cyclohexane	8.236	56	88123	15.123	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	98659	17.759	ug/l	97
36) 1,1-Dichloropropene	8.347	75	74794	15.103	ug/l	97
37) Ethyl Acetate	7.547	43	104927	16.114	ug/l	99
38) Carbon Tetrachloride	8.347	117	79684	16.164	ug/l	90
39) Methylcyclohexane	9.577	83	68832	12.994	ug/l	91
40) Benzene	8.588	78	244933	16.852	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	57552	17.845	ug/l	95
42) 1,2-Dichloroethane	8.653	62	107451	19.377	ug/l	98
43) Isopropyl Acetate	8.671	43	167342	16.820	ug/l	99
44) Trichloroethene	9.335	130	51469	14.987	ug/l	98
45) 1,2-Dichloropropane	9.600	63	65753	17.657	ug/l	97
46) Dibromomethane	9.688	93	48771	18.352	ug/l	97
47) Bromodichloromethane	9.865	83	98205	18.110	ug/l	99
48) Methyl methacrylate	9.659	41	77720	17.122	ug/l	99
49) 1,4-Dioxane	9.682	88	15928	275.914	ug/l #	94
51) 4-Methyl-2-Pentanone	10.424	43	521715	88.967	ug/l	99
52) Toluene	10.606	92	145724	17.363	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	100340	18.027	ug/l	96
54) cis-1,3-Dichloropropene	10.288	75	105065	17.950	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	58352	17.971	ug/l	97
56) Ethyl methacrylate	10.853	69	93357	18.201	ug/l	95
57) 1,3-Dichloropropane	11.135	76	104364	17.816	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.135	63	226601	76.632	ug/l	100
59) 2-Hexanone	11.177	43	311289	84.266	ug/l	97
60) Dibromochloromethane	11.335	129	66768	18.037	ug/l	98
61) 1,2-Dibromoethane	11.447	107	58692	17.850	ug/l	99
64) Tetrachloroethene	11.082	164	43310	13.202	ug/l	92
65) Chlorobenzene	11.865	112	152739	16.432	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	56816	18.123	ug/l	98
67) Ethyl Benzene	11.941	91	264545	16.283	ug/l	99
68) m/p-Xylenes	12.047	106	194904	32.357	ug/l	98
69) o-Xylene	12.376	106	94734	16.496	ug/l	98
70) Styrene	12.388	104	158681	17.018	ug/l	98
71) Bromoform	12.553	173	40889	17.807	ug/l #	95
73) Isopropylbenzene	12.671	105	230863	15.925	ug/l	100
74) N-amyl acetate	12.688	43	89901m	18.209	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	87468	18.663	ug/l	96
76) 1,2,3-Trichloropropane	12.971	75	82547m	17.975	ug/l	
77) Bromobenzene	12.959	156	57574	17.357	ug/l	98
78) n-propylbenzene	13.012	91	288541	16.269	ug/l	100
79) 2-Chlorotoluene	13.100	91	184692	17.053	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	197376	16.430	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	31370	19.379	ug/l #	81
82) 4-Chlorotoluene	13.200	91	188218	17.497	ug/l	99
83) tert-Butylbenzene	13.412	119	158303	15.502	ug/l	95
84) 1,2,4-Trimethylbenzene	13.459	105	203002	17.001	ug/l	98
85) sec-Butylbenzene	13.588	105	226373	15.431	ug/l	100
86) p-Isopropyltoluene	13.706	119	181798	15.112	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	105028	16.266	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	112660	16.657	ug/l	97
89) n-Butylbenzene	14.029	91	171993	14.725	ug/l	99
90) Hexachloroethane	14.306	117	33302	15.154	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	102790	16.917	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	18923	16.641	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	55865	15.474	ug/l	98
94) Hexachlorobutadiene	15.470	225	18511	14.268	ug/l	95
95) Naphthalene	15.612	128	192925	15.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	52541	14.954	ug/l	96

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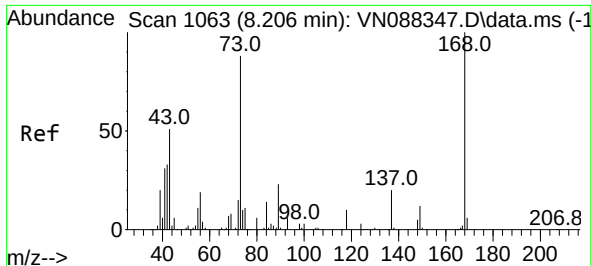
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

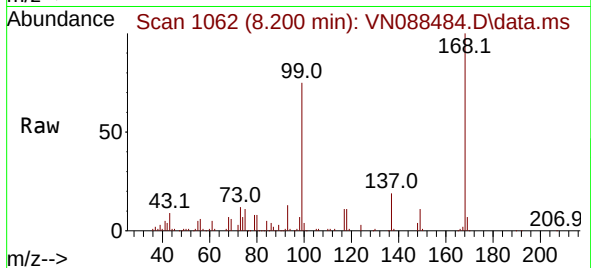
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
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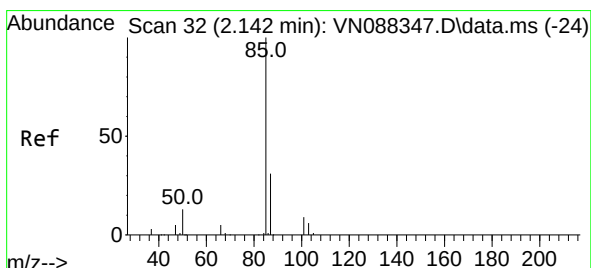
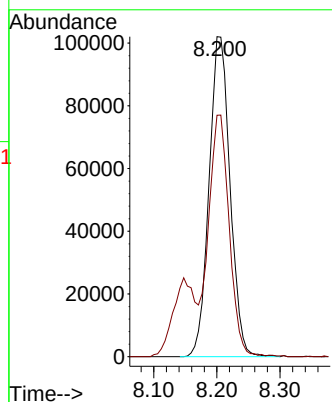
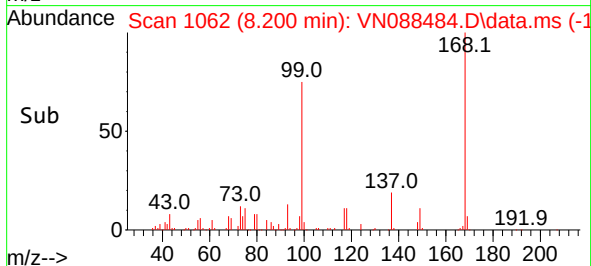
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:168 Resp: 235204
Ion Ratio Lower Upper
168 100
99 75.2 57.1 85.7

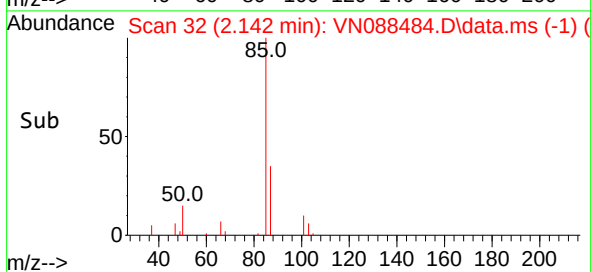
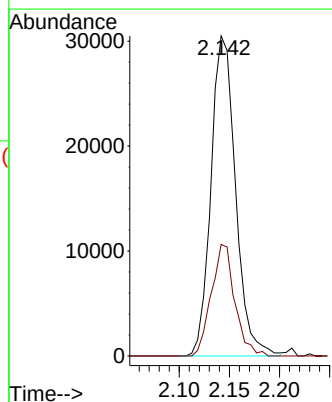
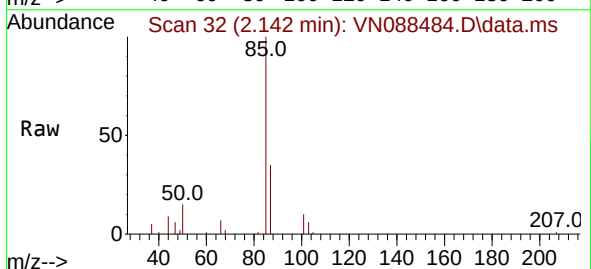
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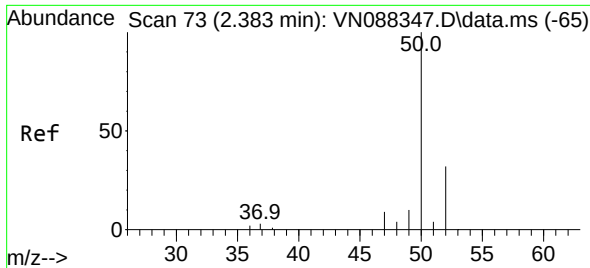
Reviewed By :John Carlone 12/10/2025
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#2
Dichlorodifluoromethane
Concen: 14.728 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion: 85 Resp: 52030
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.7





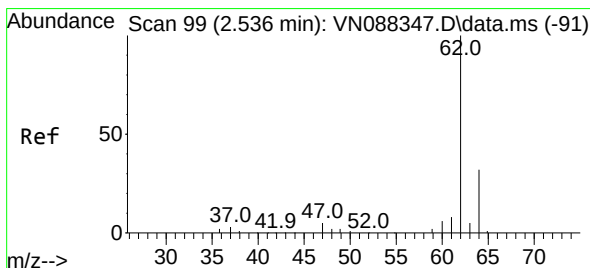
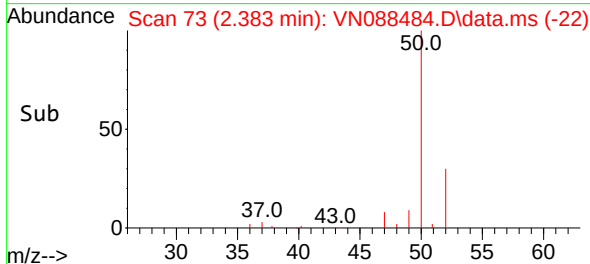
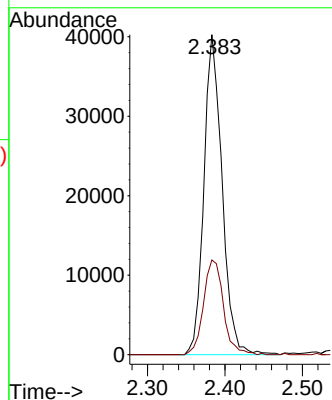
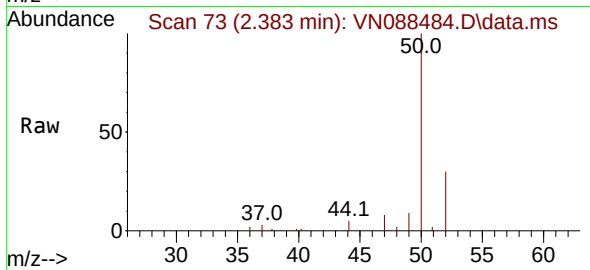
#3
Chloromethane
Concen: 17.284 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088484.D
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Tgt Ion: 50 Resp: 6558
Ion Ratio Lower Upper
50 100
52 29.6 25.2 37.8

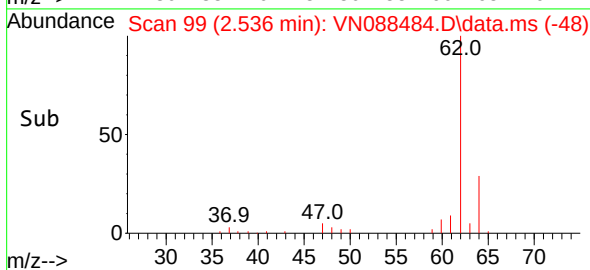
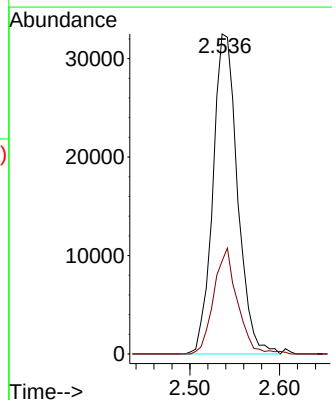
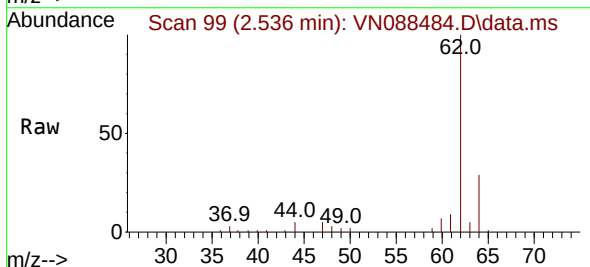
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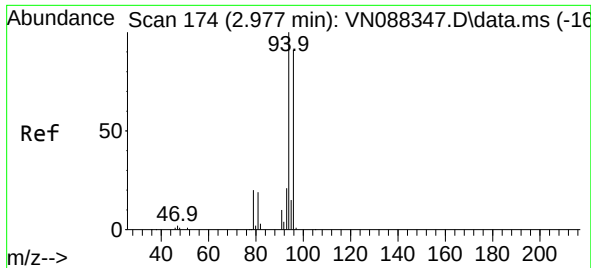
Reviewed By :John Carlone 12/10/2025
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#4
Vinyl Chloride
Concen: 16.062 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088484.D
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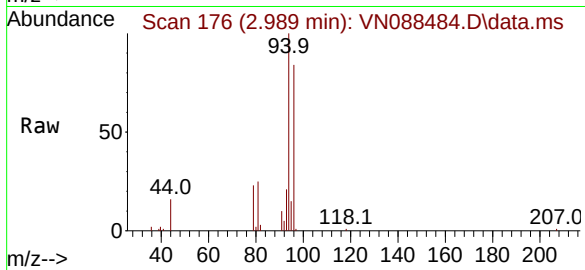
Tgt Ion: 62 Resp: 61998
Ion Ratio Lower Upper
62 100
64 29.1 25.4 38.2





#5
Bromomethane
Concen: 17.809 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

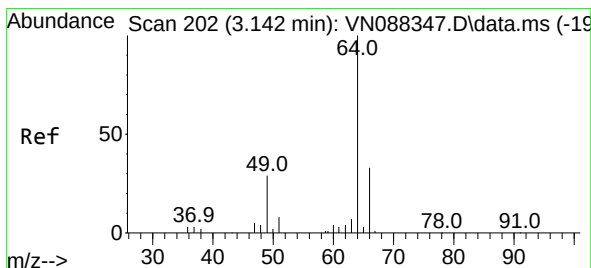
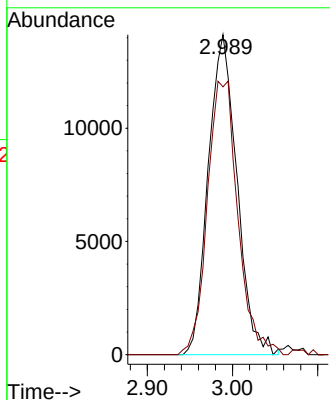
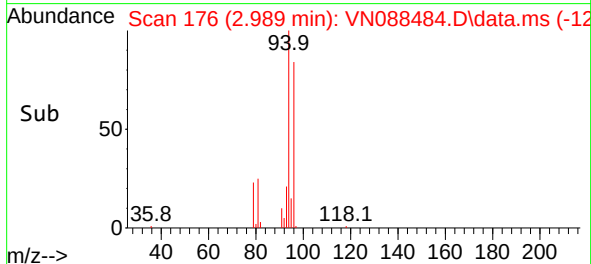
Instrument :
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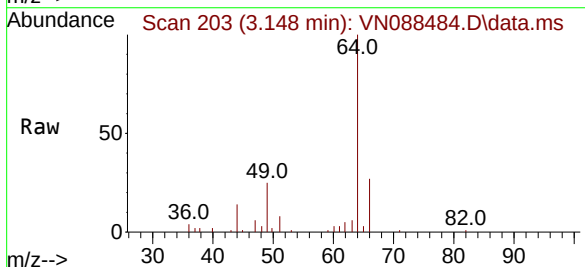
Tgt Ion: 94 Resp: 3308
Ion Ratio Lower Upper
94 100
96 83.7 73.2 109.8

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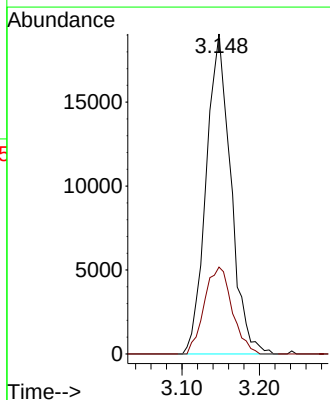
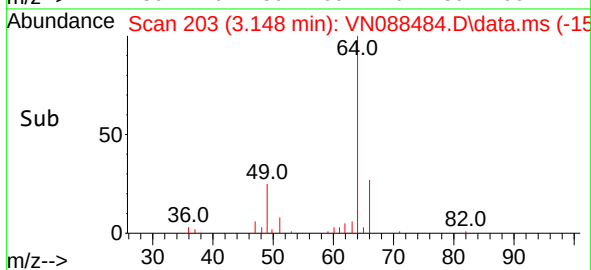
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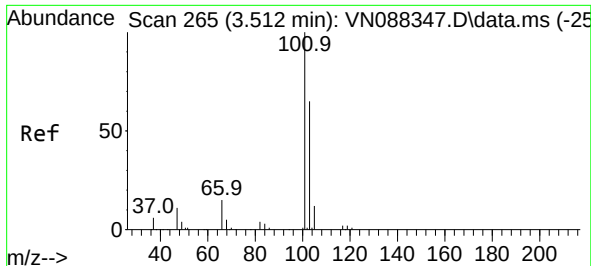


#6
Chloroethane
Concen: 17.618 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088484.D
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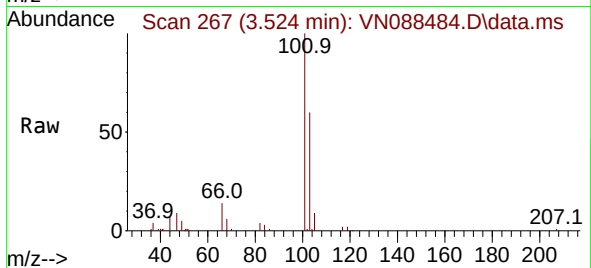
Tgt Ion: 64 Resp: 42085
Ion Ratio Lower Upper
64 100
66 27.2 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 16.469 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. 0.012 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

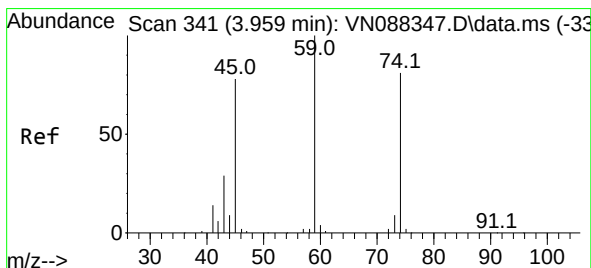
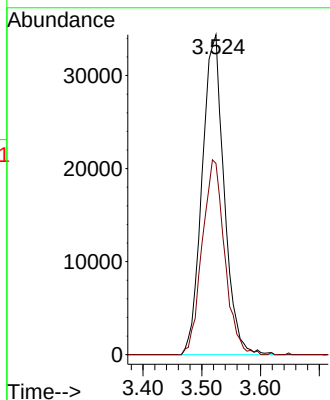
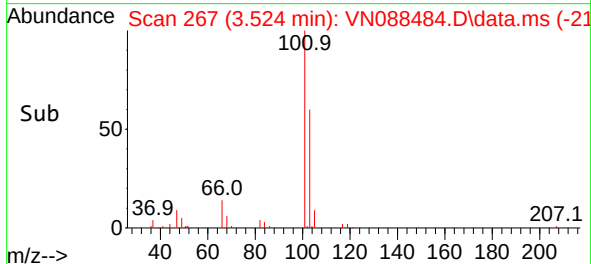
Instrument :
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Tgt Ion:101 Resp: 89340
 Ion Ratio Lower Upper
 101 100
 103 59.8 52.3 78.5

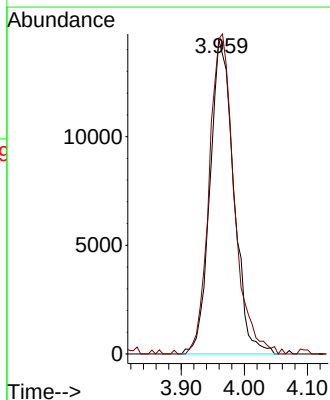
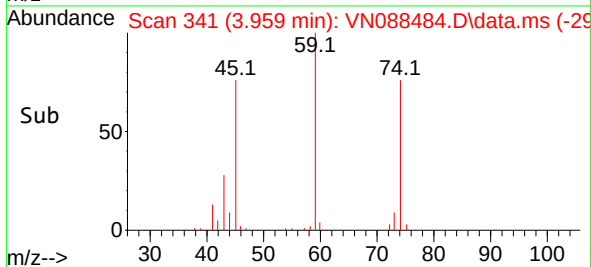
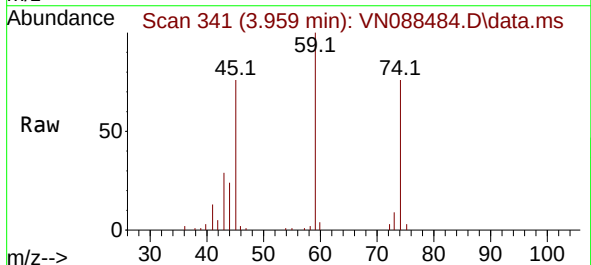
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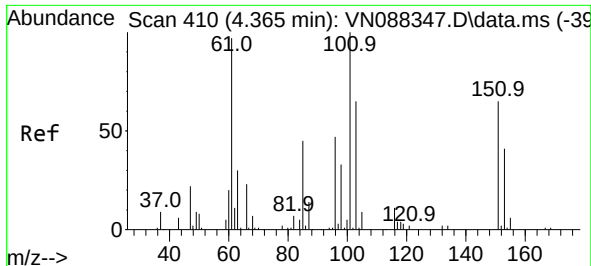
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#8
 Diethyl Ether
 Concen: 18.637 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37950
 Ion Ratio Lower Upper
 74 100
 45 106.8 54.2 162.6





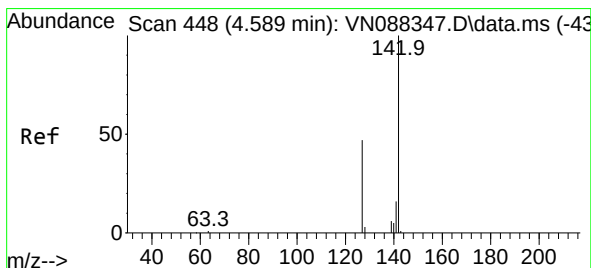
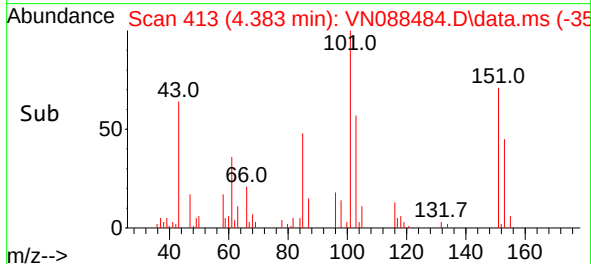
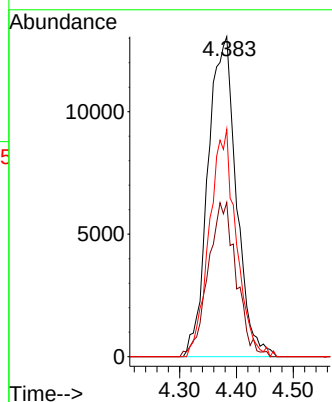
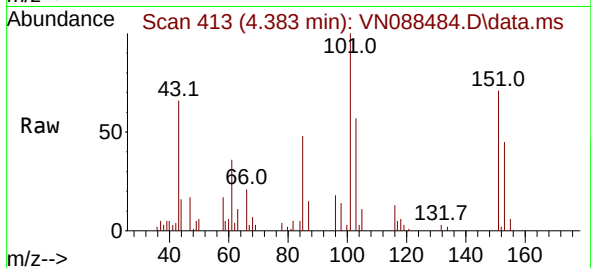
#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.642 ug/l
RT: 4.383 min Scan# 410
Delta R.T. 0.018 min
Lab File: VN088484.D
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MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion:101 Resp: 45178
Ion Ratio Lower Upper
101 100
85 48.3 39.2 58.8
151 67.2 53.6 80.4

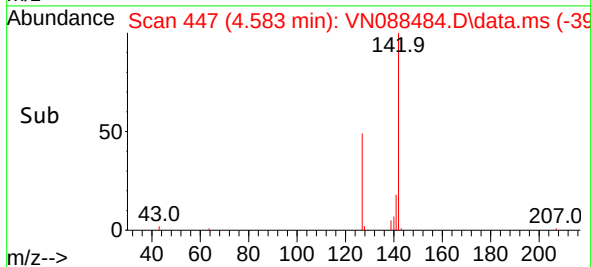
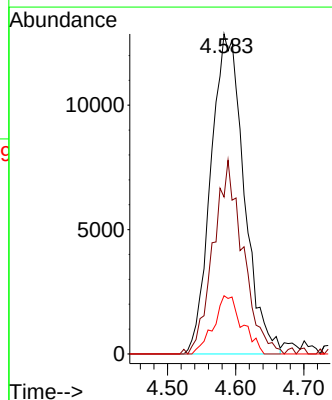
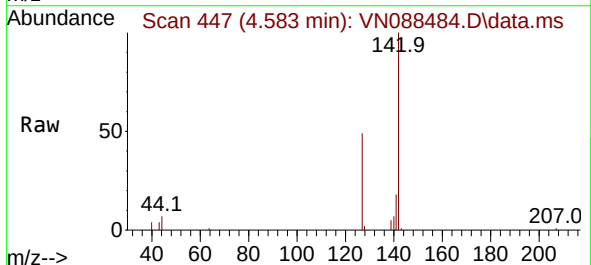
Manual Integrations
APPROVED

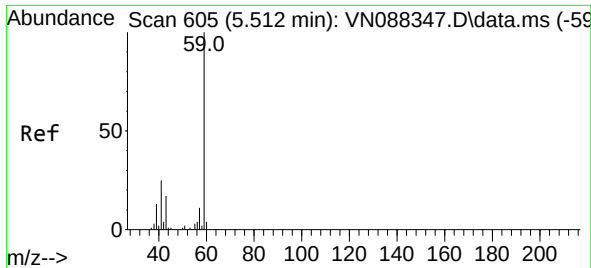
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#10
Methyl Iodide
Concen: 15.210 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

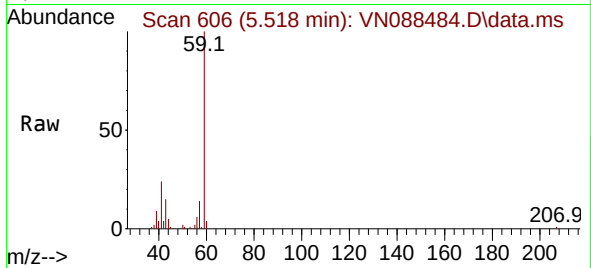
Tgt Ion:142 Resp: 43487
Ion Ratio Lower Upper
142 100
127 49.0 37.9 56.9
141 18.2 12.4 18.6





#11
Tert butyl alcohol
Concen: 80.133 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

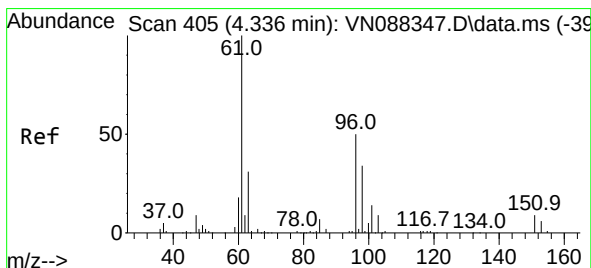
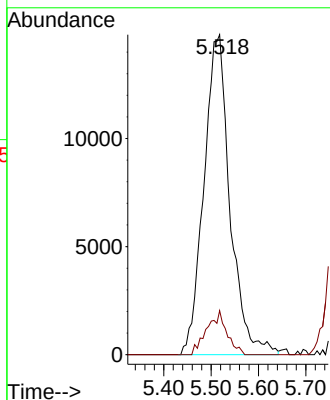
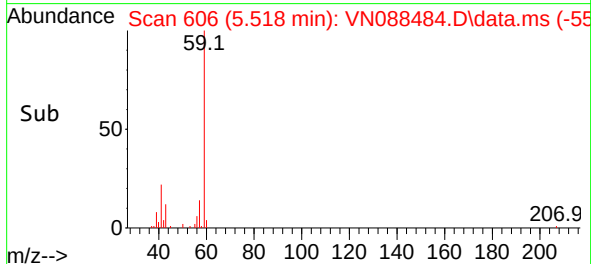
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



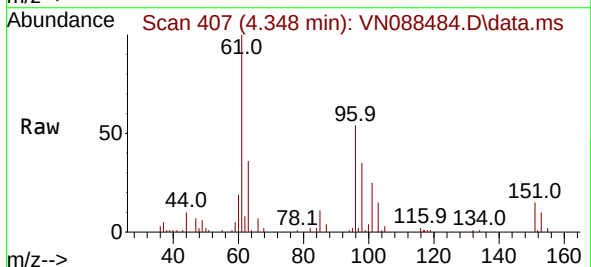
Tgt Ion: 59 Resp: 5668
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

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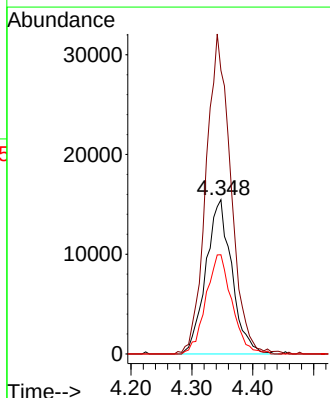
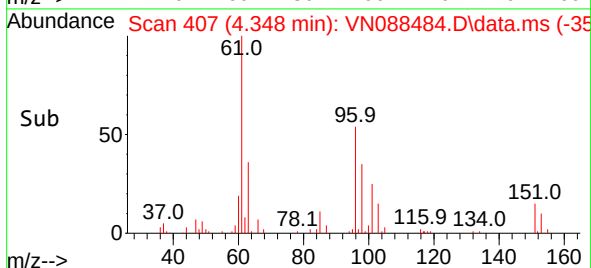
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

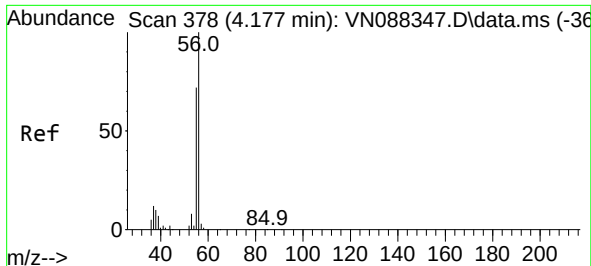


#12
1,1-Dichloroethene
Concen: 15.902 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



Tgt Ion: 96 Resp: 45630
Ion Ratio Lower Upper
96 100
61 182.3 159.1 238.7
98 64.4 53.7 80.5





#13

Acrolein

Concen: 89.397 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 56 Resp: 60544

Ion Ratio Lower Upper

56 100

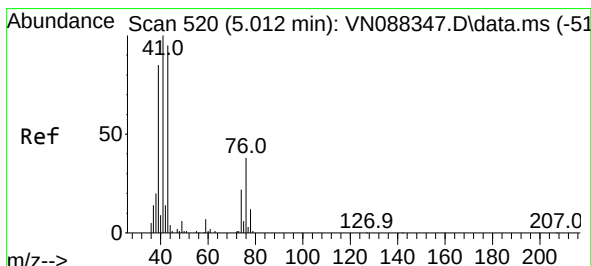
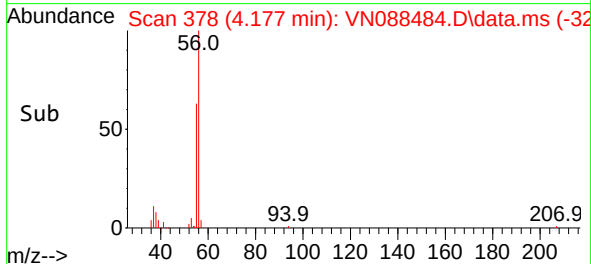
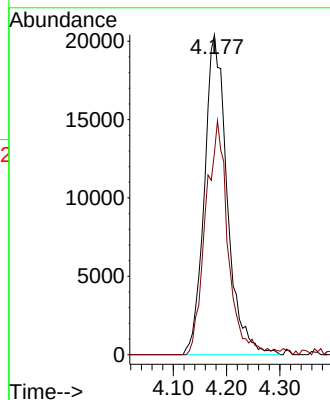
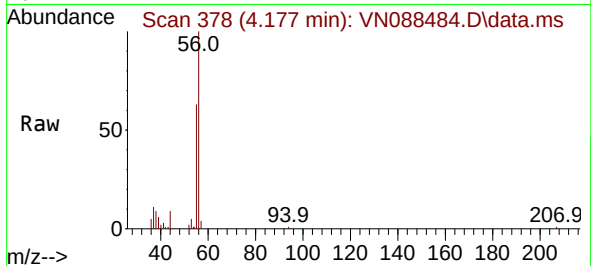
55 71.8 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#14

Allyl chloride

Concen: 18.751 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

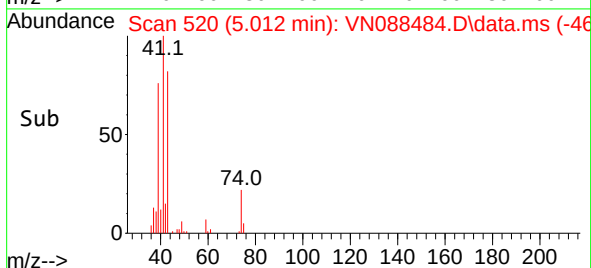
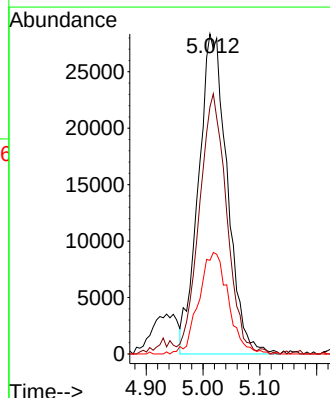
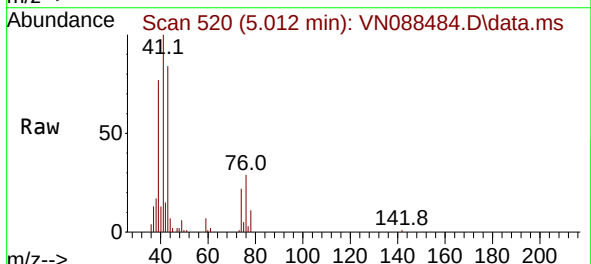
Tgt Ion: 41 Resp: 99729

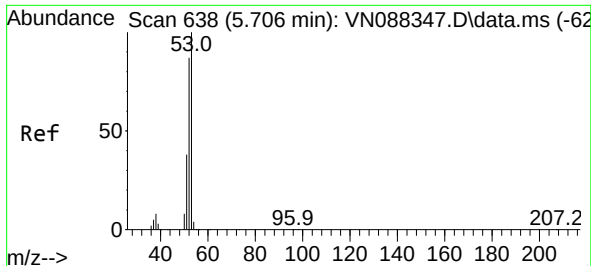
Ion Ratio Lower Upper

41 100

39 75.5 64.7 97.1

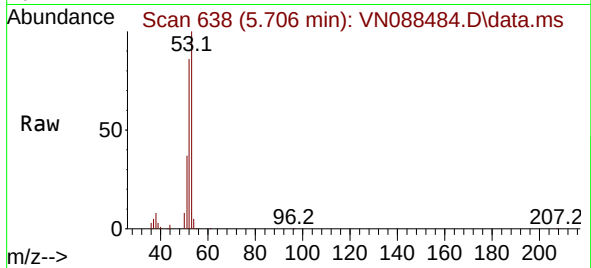
76 32.6 29.1 43.7





#15
Acrylonitrile
Concen: 92.886 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

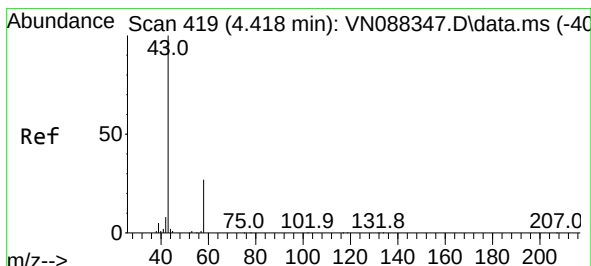
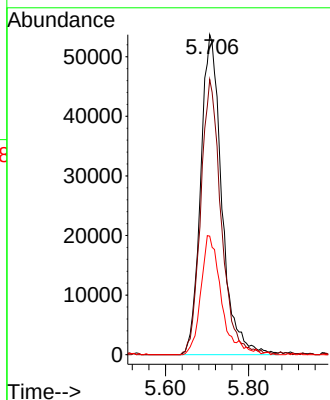
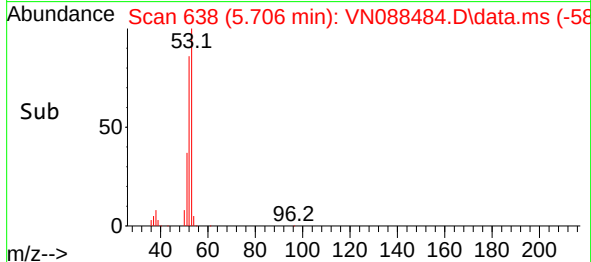
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 53 Resp: 189579
Ion Ratio Lower Upper
53 100
52 83.4 67.8 101.6
51 36.1 29.8 44.8

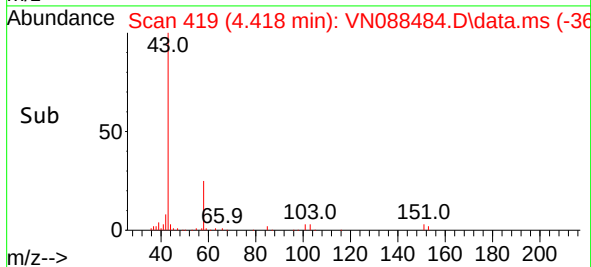
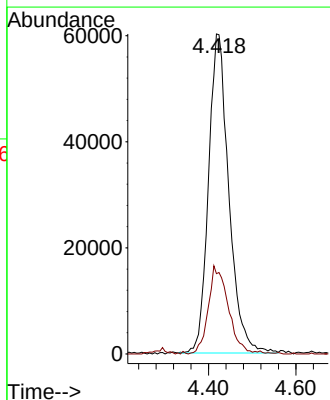
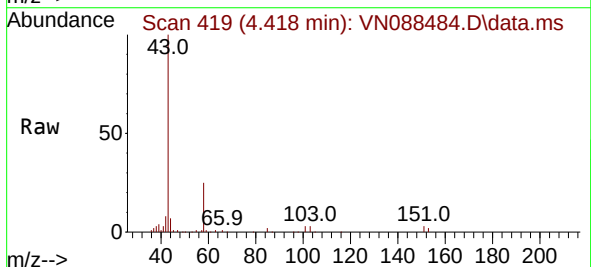
Manual Integrations
APPROVED

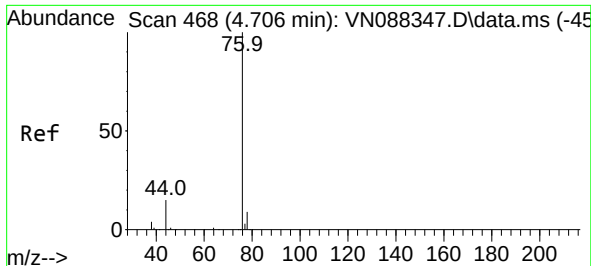
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#16
Acetone
Concen: 121.142 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

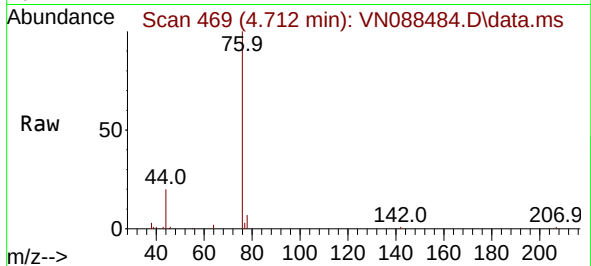
Tgt Ion: 43 Resp: 194118
Ion Ratio Lower Upper
43 100
58 24.9 21.7 32.5





#17
Carbon Disulfide
Concen: 15.337 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

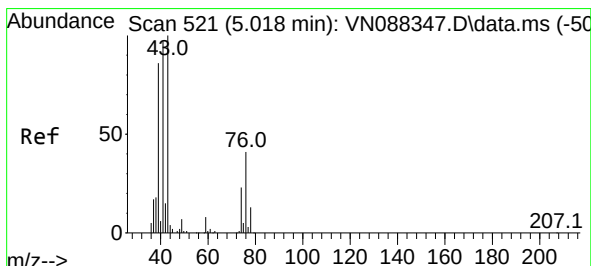
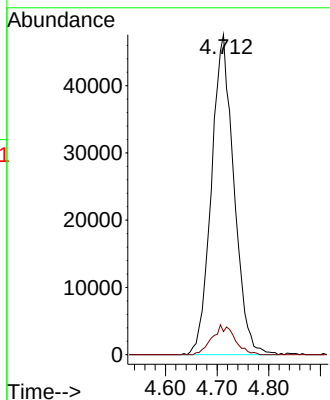
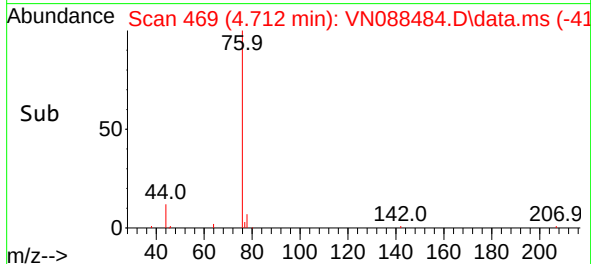
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 76 Resp: 143818
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.4

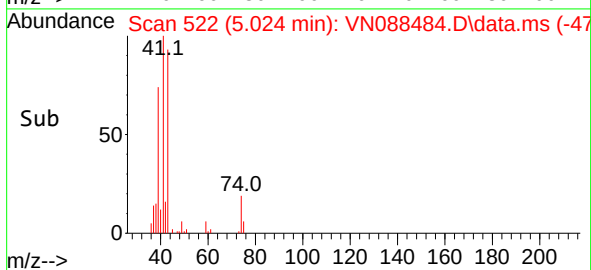
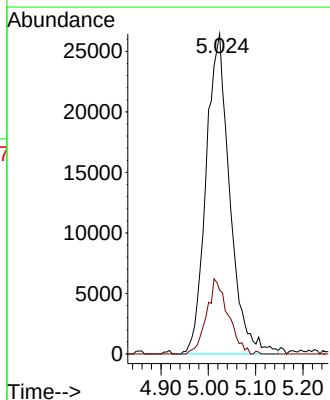
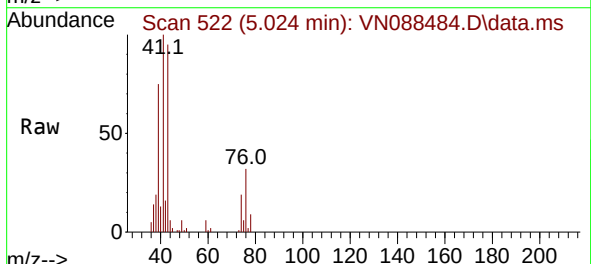
Manual Integrations
APPROVED

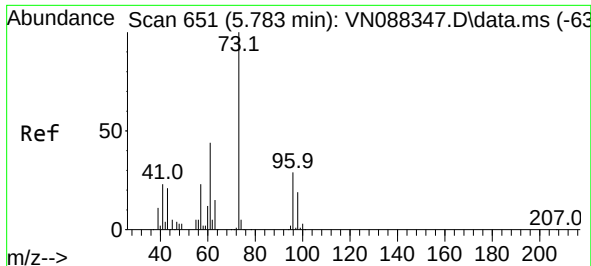
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#18
Methyl Acetate
Concen: 19.321 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

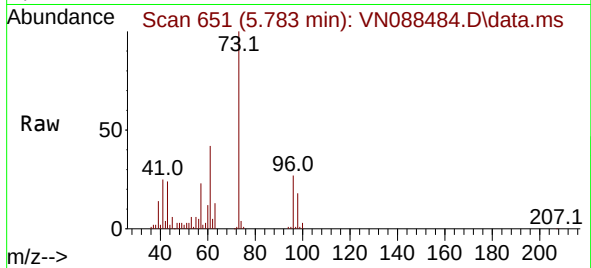
Tgt Ion: 43 Resp: 92160
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9





#19
Methyl tert-butyl Ether
Concen: 19.726 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

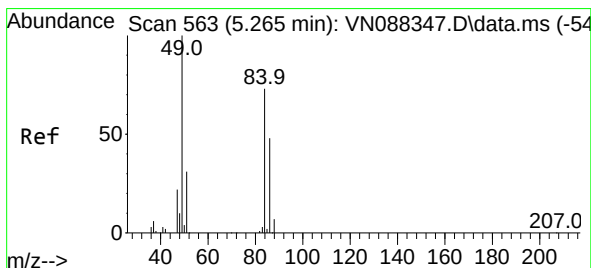
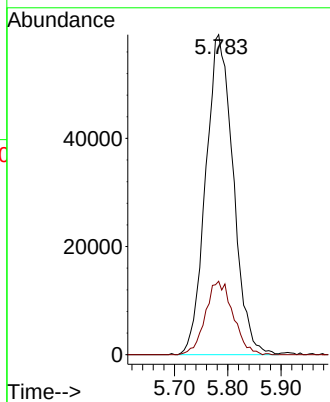
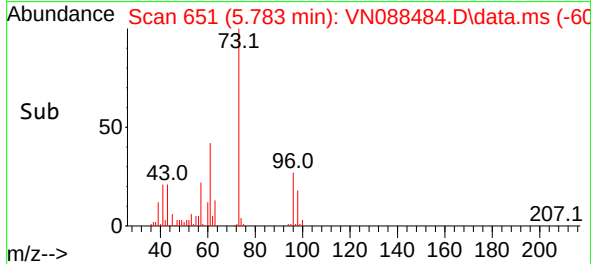
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 73 Resp: 21207
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0

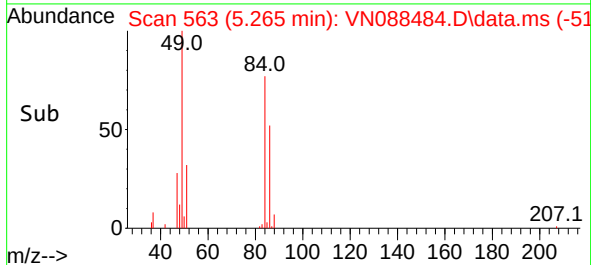
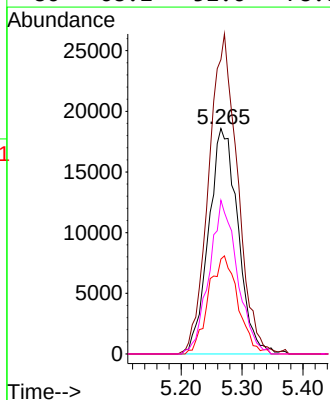
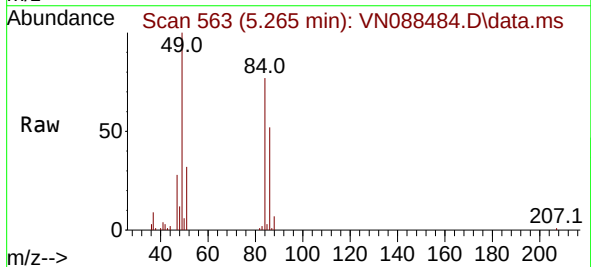
Manual Integrations
APPROVED

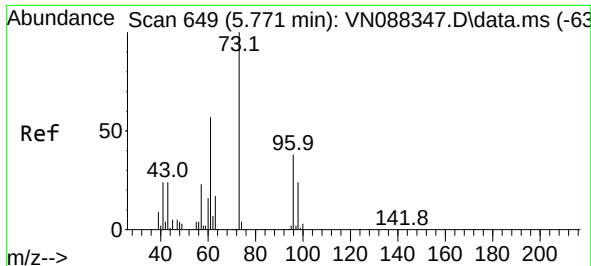
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 18.081 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

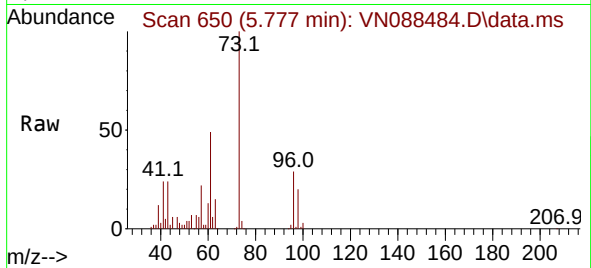
Tgt Ion: 84 Resp: 61988
Ion Ratio Lower Upper
84 100
49 130.7 110.2 165.2
51 42.1 34.1 51.1
86 68.2 52.6 78.8





#21
trans-1,2-Dichloroethene
Concen: 17.045 ug/l
RT: 5.777 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

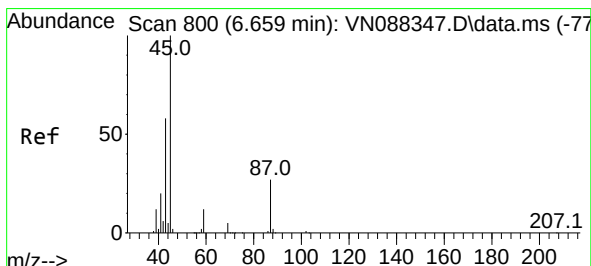
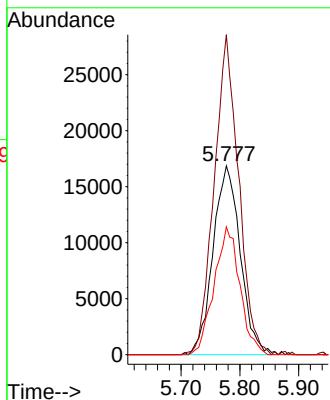
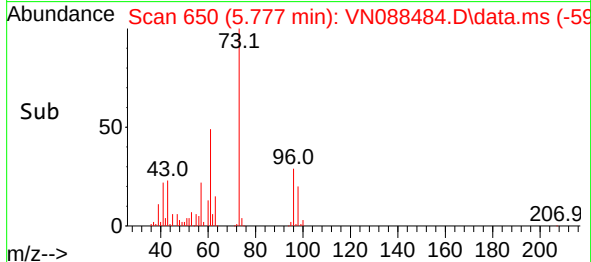
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



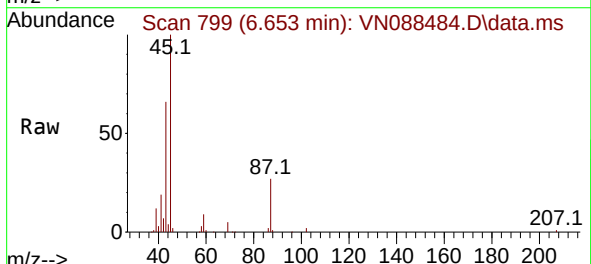
Tgt Ion: 96 Resp: 5418
Ion Ratio Lower Upper
96 100
61 169.5 122.4 183.6
98 67.7 50.9 76.3

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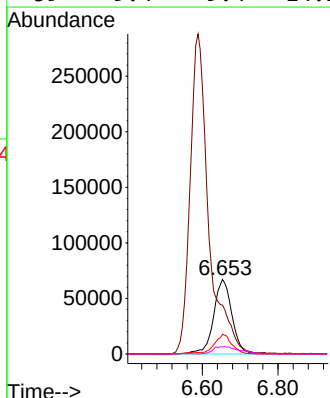
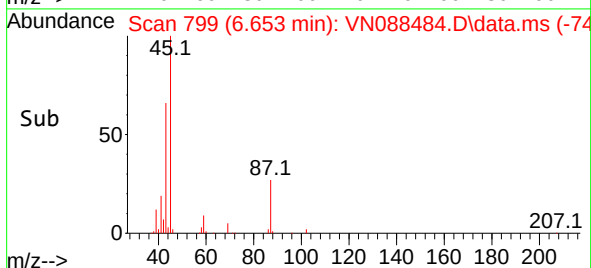
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

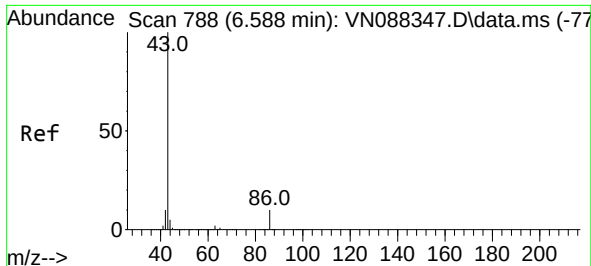


#22
Diisopropyl ether
Concen: 19.698 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



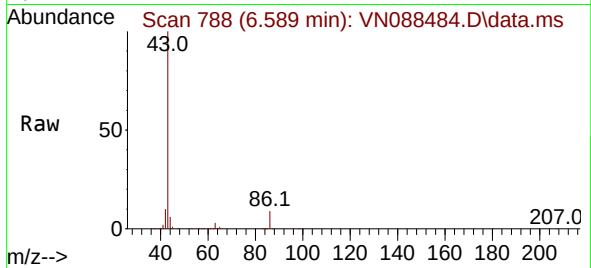
Tgt Ion: 45 Resp: 223669
Ion Ratio Lower Upper
45 100
43 64.9 47.4 71.2
87 26.6 21.9 32.9
59 9.4 9.4 14.2#





#23
 Vinyl Acetate
 Concen: 107.022 ug/l
 RT: 6.589 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

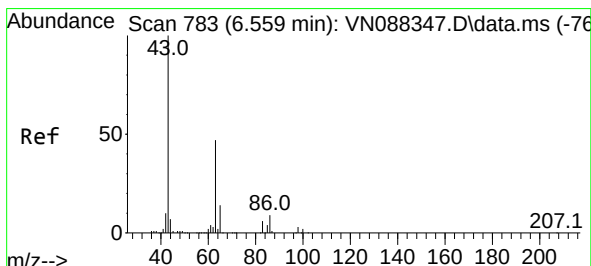
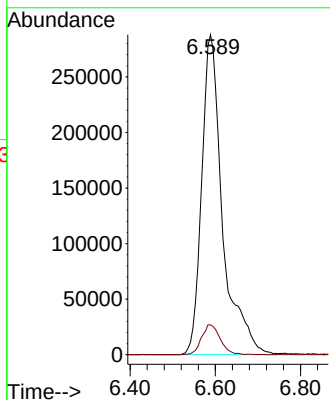
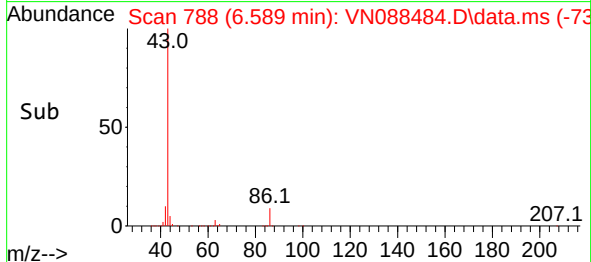
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02



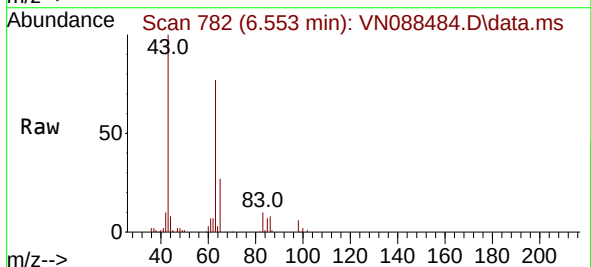
Tgt Ion: 43 Resp: 97909
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8

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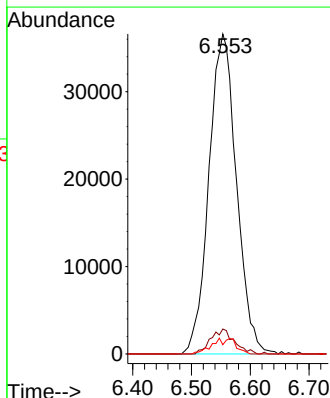
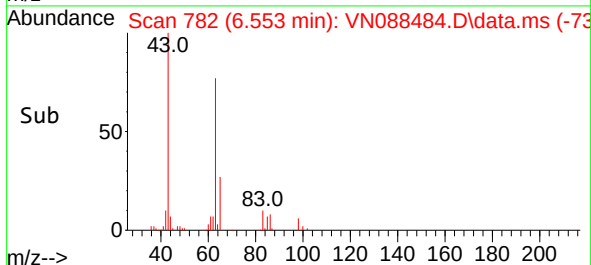
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025

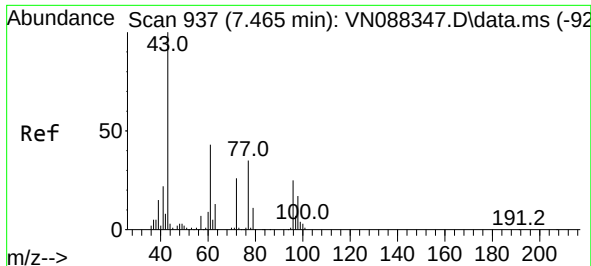


#24
 1,1-Dichloroethane
 Concen: 18.555 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03



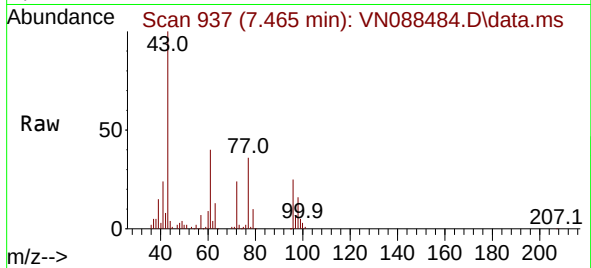
Tgt Ion: 63 Resp: 119314
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 2.9 1.9 5.7





#25
2-Butanone
Concen: 100.642 ug/l
RT: 7.465 min Scan# 937
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

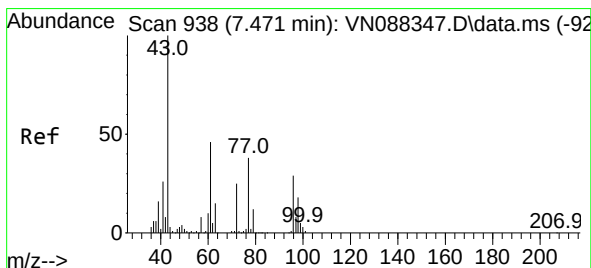
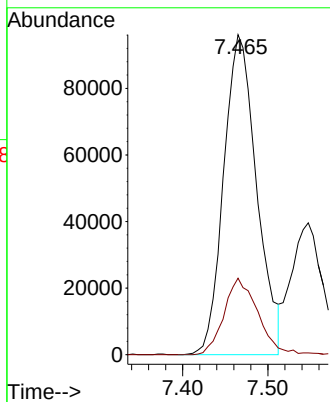
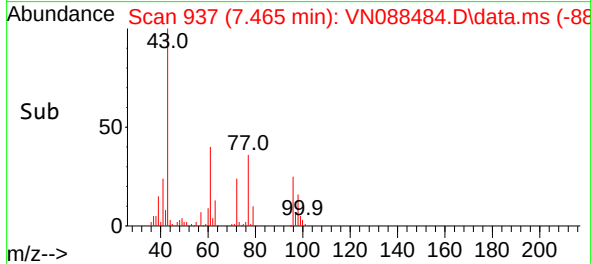
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



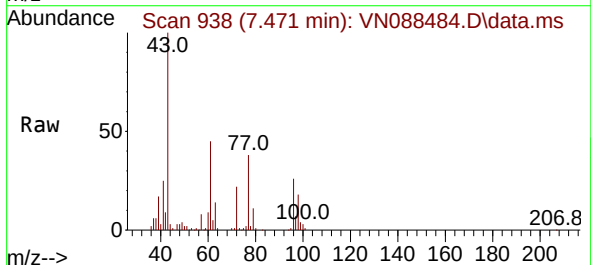
Tgt Ion: 43 Resp: 259258
Ion Ratio Lower Upper
43 100
72 23.9 20.5 30.7

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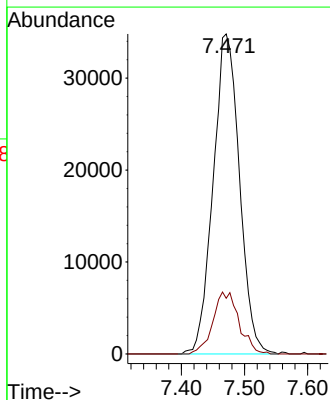
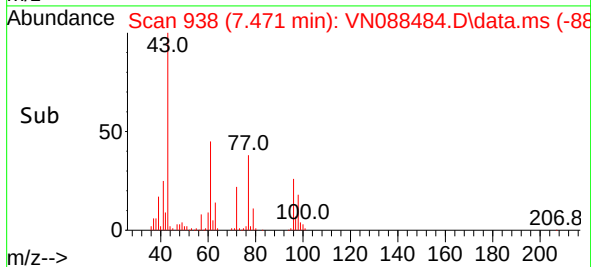
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

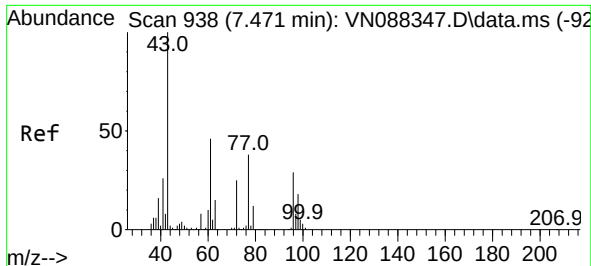


#26
2,2-Dichloropropane
Concen: 18.151 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



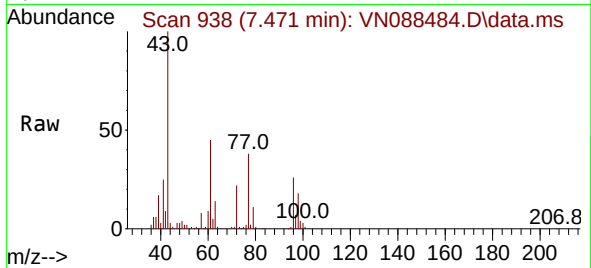
Tgt Ion: 77 Resp: 100744
Ion Ratio Lower Upper
77 100
97 19.2 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.203 ug/l
 RT: 7.471 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

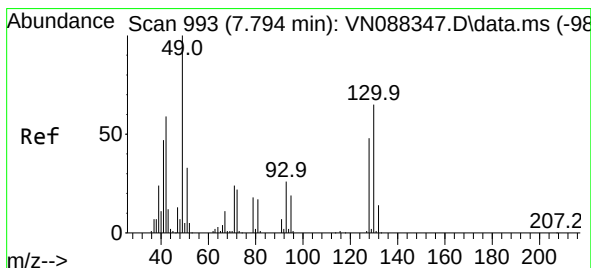
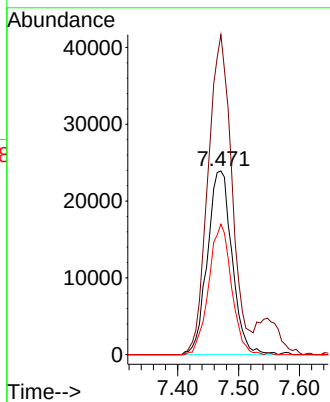
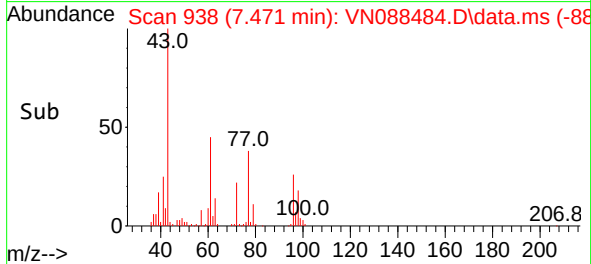
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02



Tgt Ion: 96 Resp: 67240
 Ion Ratio Lower Upper
 96 100
 61 169.4 0.0 323.6
 98 65.5 0.0 127.2

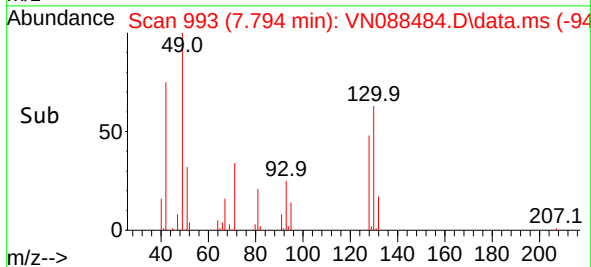
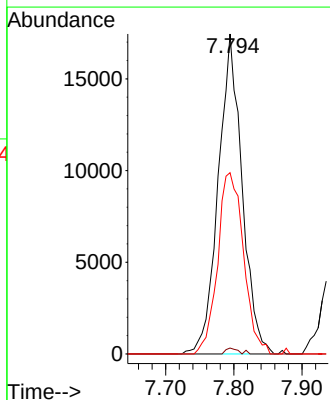
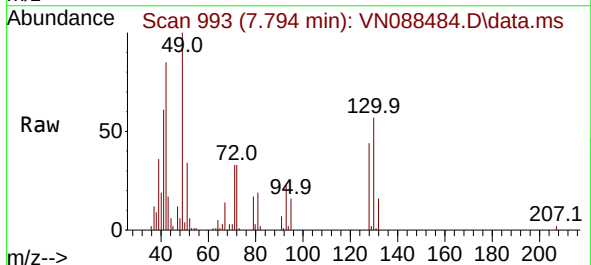
Manual Integrations
 APPROVED

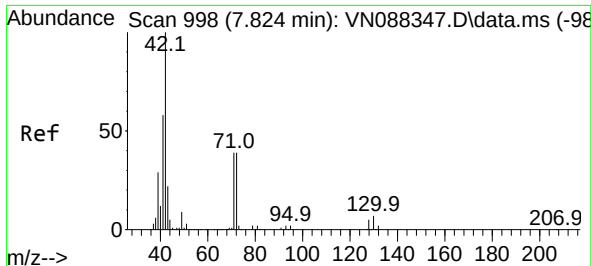
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#28
 Bromochloromethane
 Concen: 13.219 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

Tgt Ion: 49 Resp: 42343
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 61.6 51.1 76.7





#29

Tetrahydrofuran

Concen: 91.625 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN088484.D

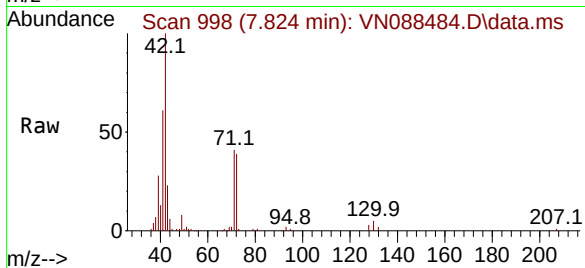
Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02



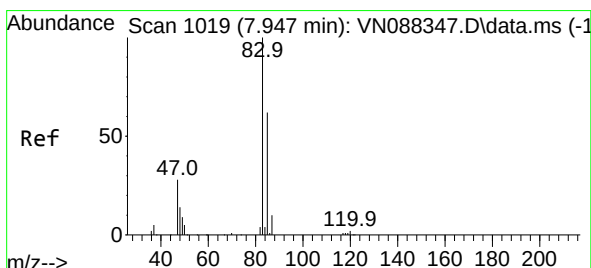
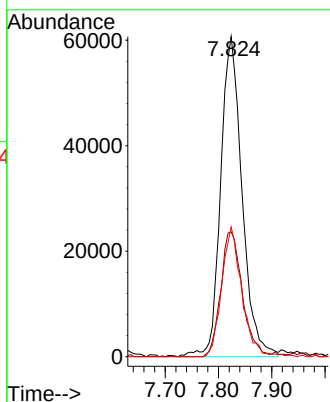
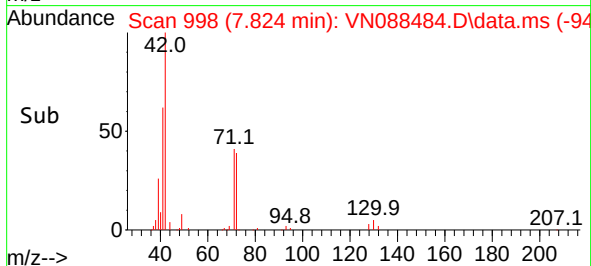
Tgt Ion:	42	Resp:	169298
Ion Ratio	Lower	Upper	
42	100		
72	39.3	32.2	48.4
71	38.2	31.1	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#30

Chloroform

Concen: 19.277 ug/l

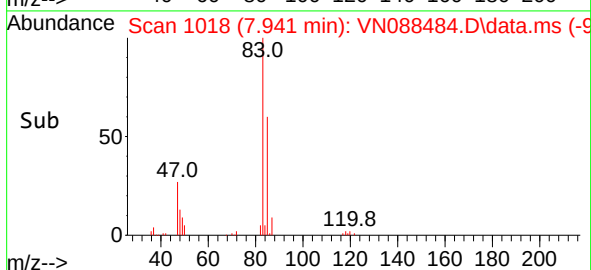
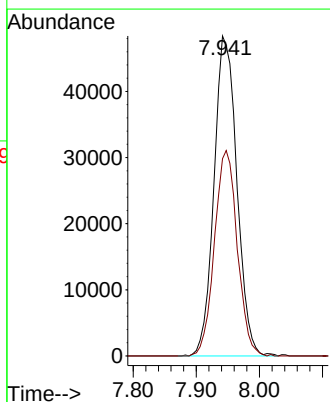
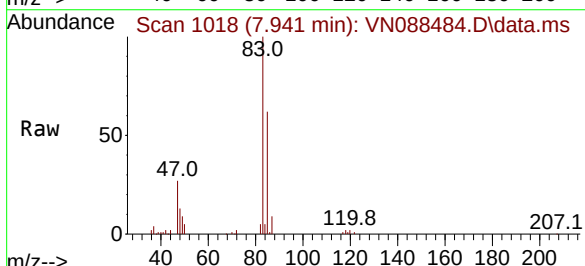
RT: 7.941 min Scan# 1018

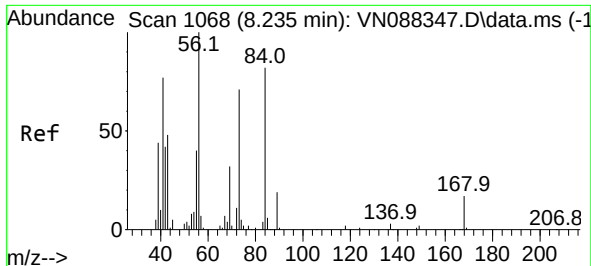
Delta R.T. -0.006 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

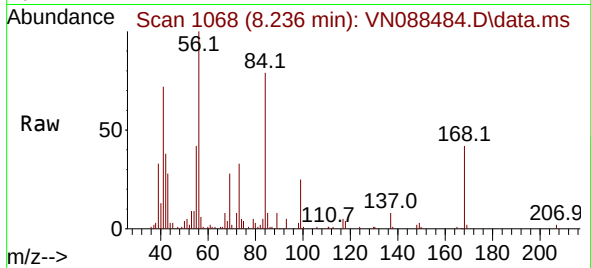
Tgt Ion:	83	Resp:	121803
Ion Ratio	Lower	Upper	
83	100		
85	61.7	49.8	74.8





#31
Cyclohexane
Concen: 15.123 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

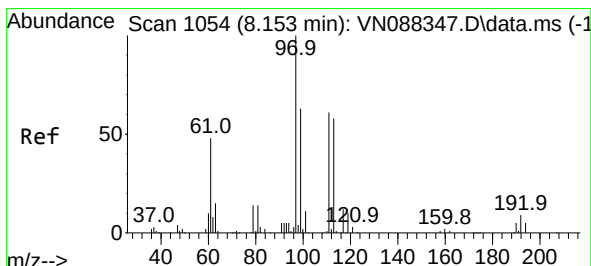
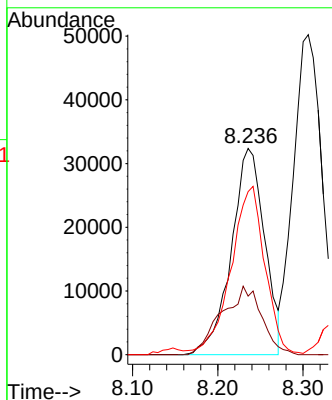
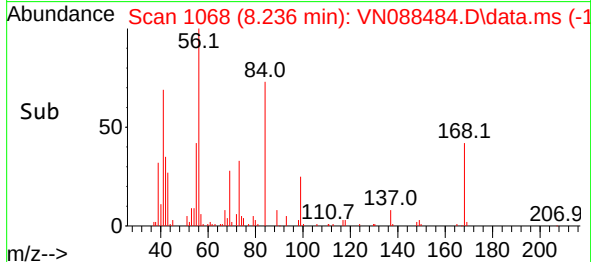
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 56 Resp: 8812
Ion Ratio Lower Upper
56 100
69 28.4 25.3 37.9
84 76.7 65.4 98.2

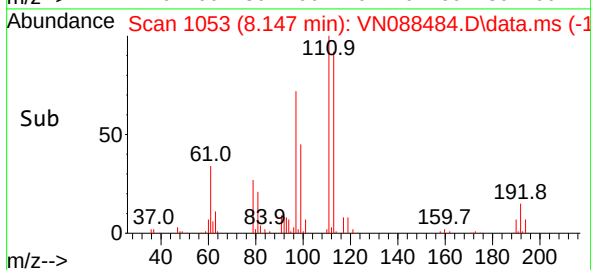
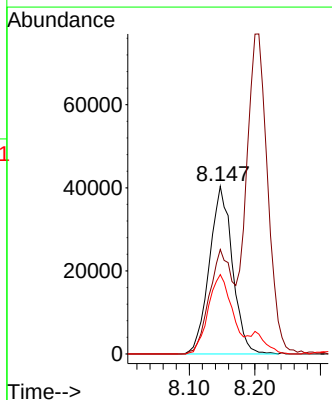
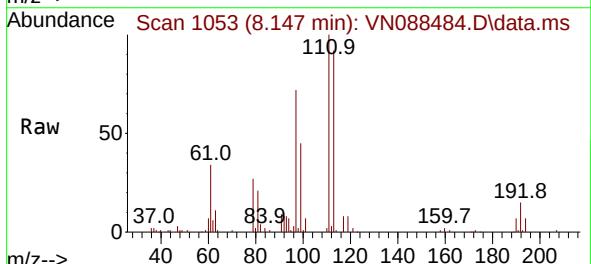
Manual Integrations
APPROVED

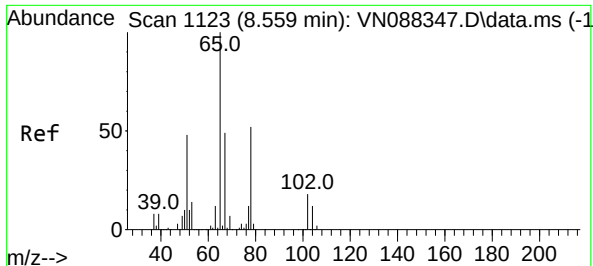
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#32
1,1,1-Trichloroethane
Concen: 17.759 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion: 97 Resp: 98659
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 49.0 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 45.009 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 65 Resp: 199420

Ion Ratio Lower Upper

65 100

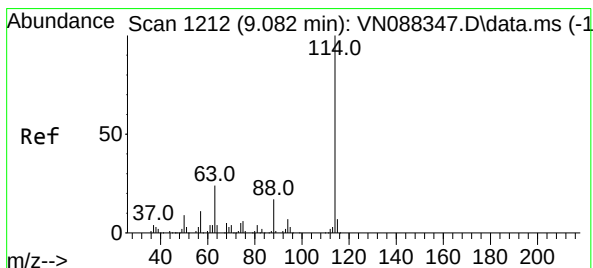
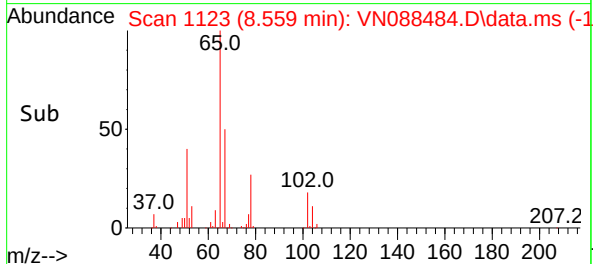
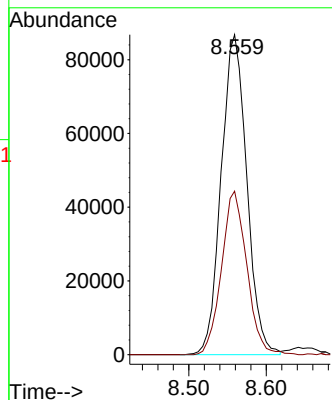
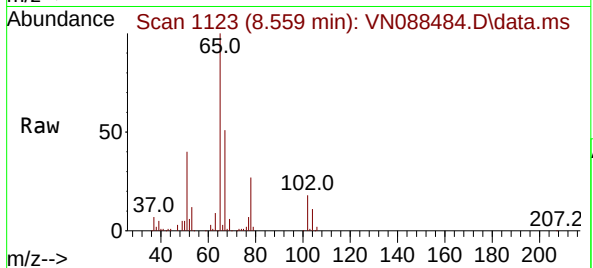
67 50.5 0.0 100.8

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: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

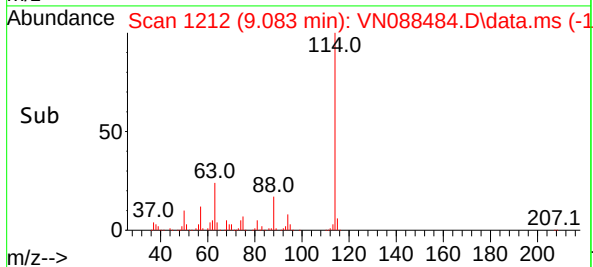
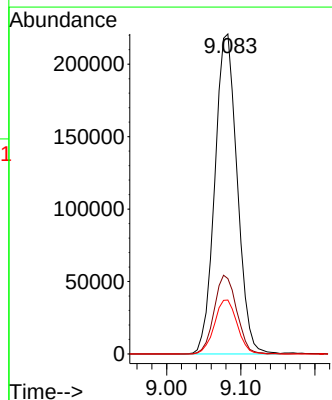
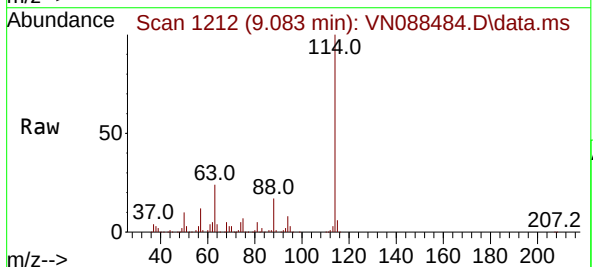
Tgt Ion:114 Resp: 463029

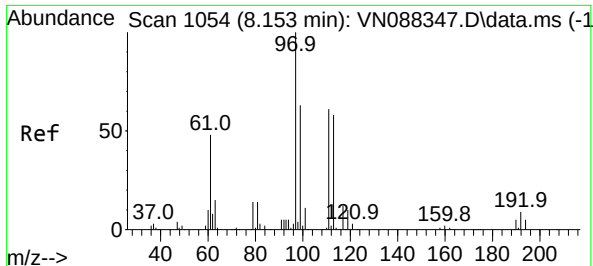
Ion Ratio Lower Upper

114 100

63 23.6 0.0 49.0

88 16.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 40.228 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 113 Resp: 129084

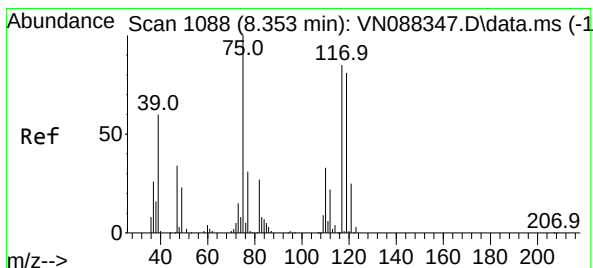
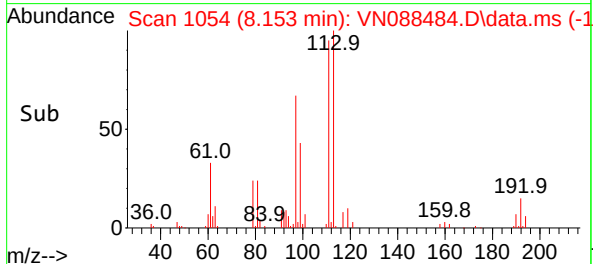
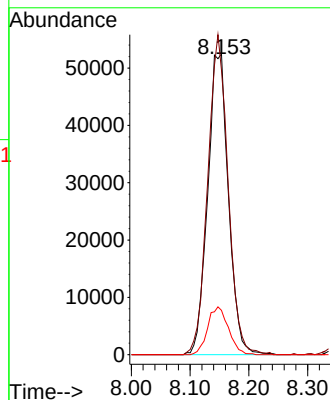
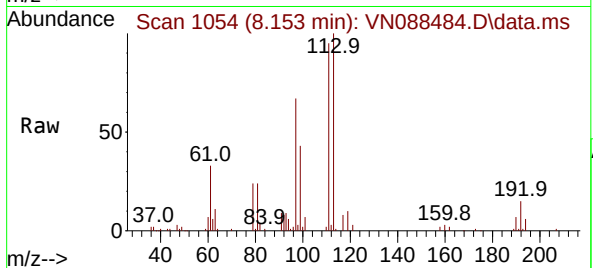
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.5	123.7
192	15.9	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#36

1,1-Dichloropropene

Concen: 15.103 ug/l

RT: 8.347 min Scan# 1087

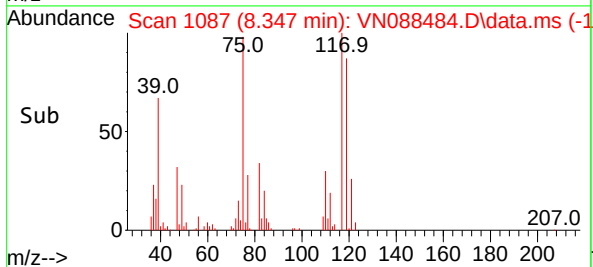
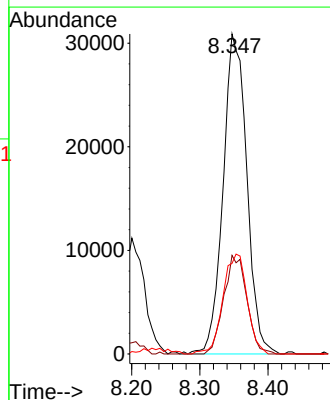
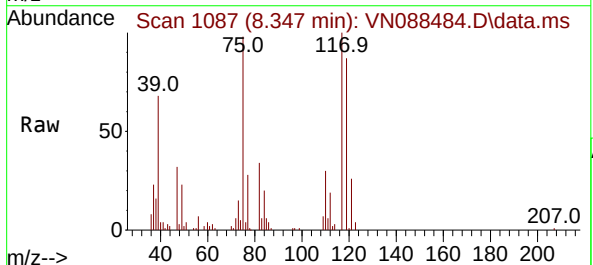
Delta R.T. -0.006 min

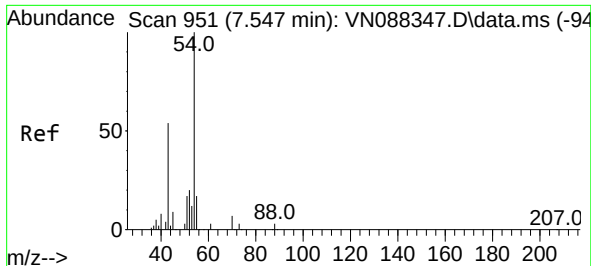
Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Tgt Ion: 75 Resp: 74794

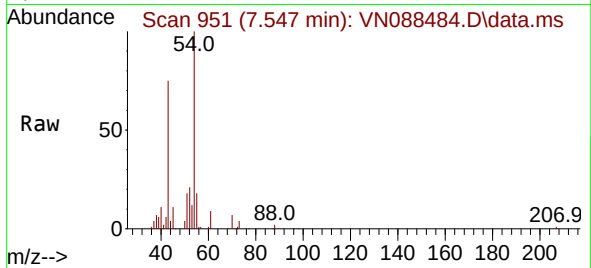
Ion	Ratio	Lower	Upper
75	100		
110	30.1	15.8	47.4
77	31.8	24.2	36.2





#37
Ethyl Acetate
Concen: 16.114 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

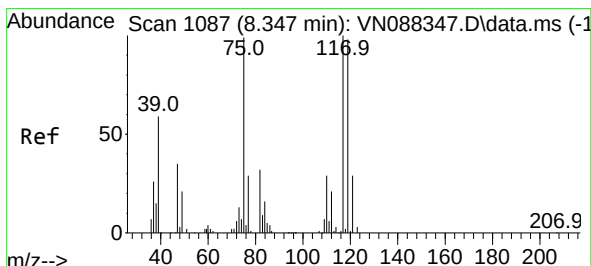
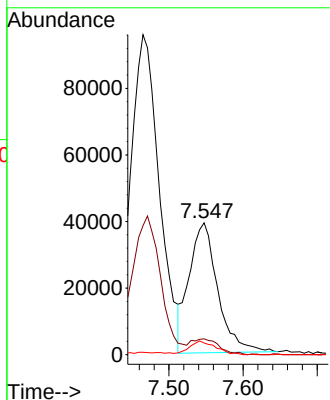
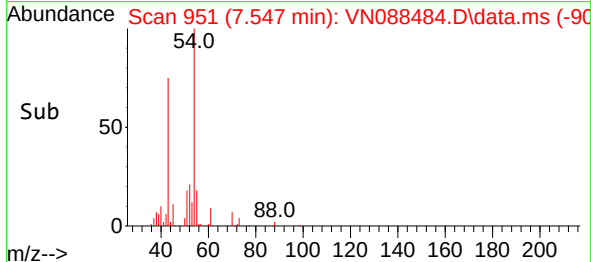
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 43 Resp: 10492
Ion Ratio Lower Upper
43 100
61 11.7 9.5 14.3
70 9.6 7.1 10.7

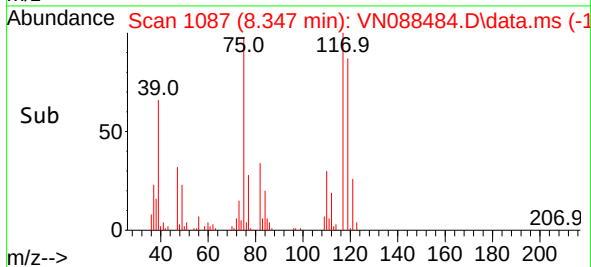
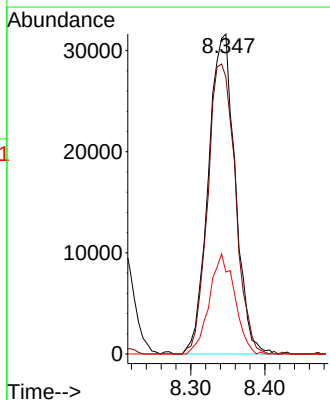
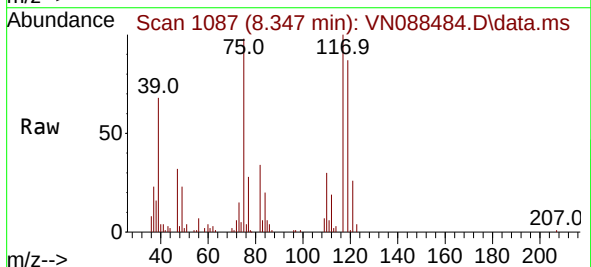
Manual Integrations
APPROVED

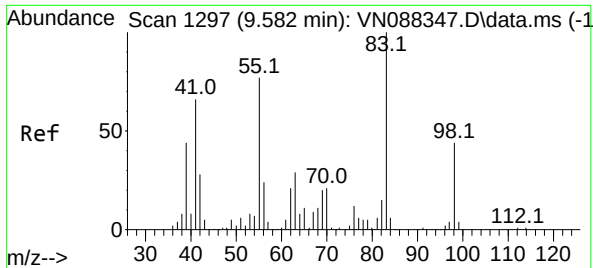
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#38
Carbon Tetrachloride
Concen: 16.164 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion:117 Resp: 79684
Ion Ratio Lower Upper
117 100
119 86.5 78.2 117.4
121 25.6 23.4 35.2





#39
Methylcyclohexane
Concen: 12.994 ug/l
RT: 9.577 min Scan# 11296
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

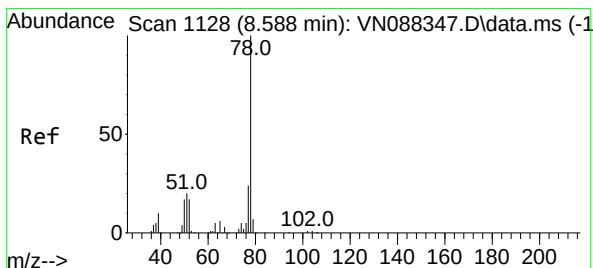
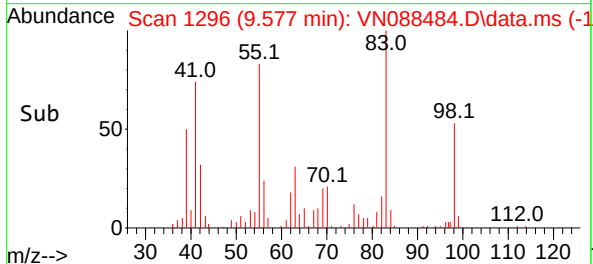
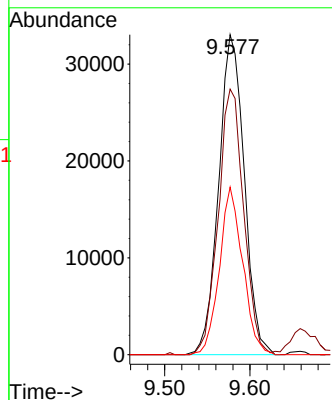
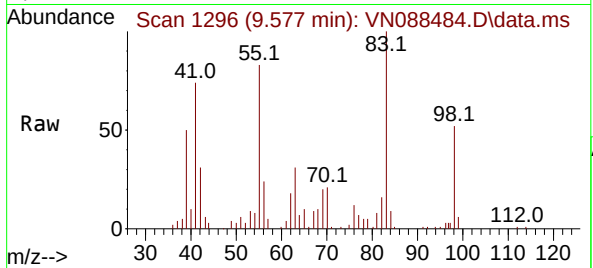
VN1209WBSD02

Tgt Ion: 83 Resp: 68832
Ion Ratio Lower Upper
83 100
55 83.0 61.6 92.4
98 52.4 35.3 52.9

Manual Integrations

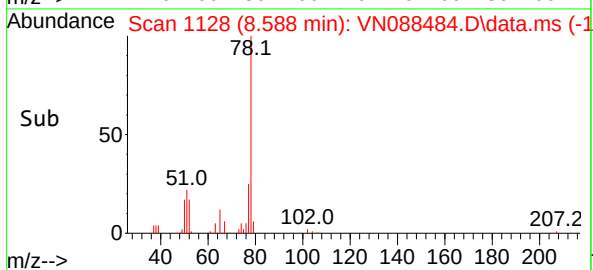
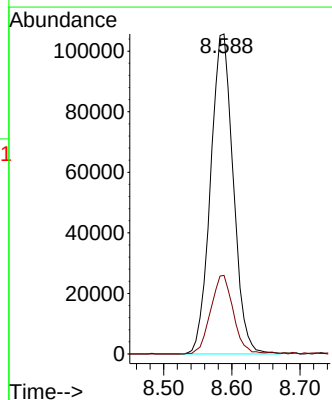
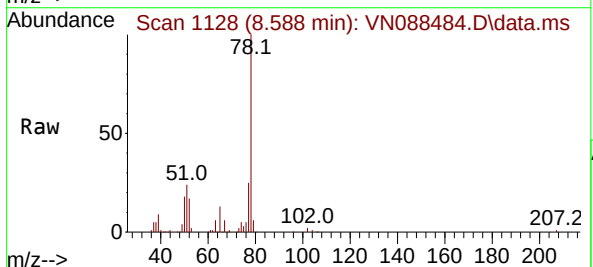
APPROVED

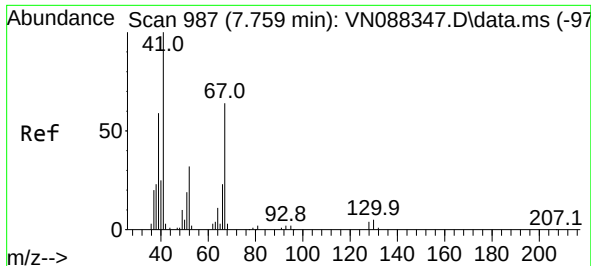
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#40
Benzene
Concen: 16.852 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

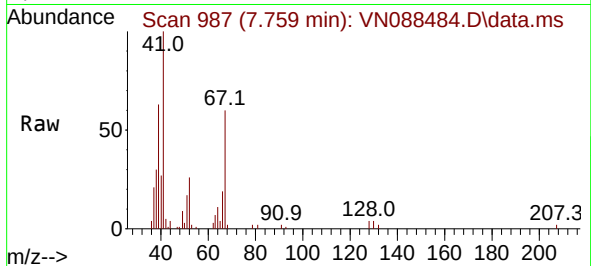
Tgt Ion: 78 Resp: 244933
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





#41
Methacrylonitrile
Concen: 17.845 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

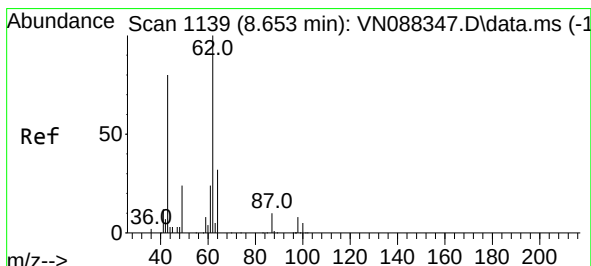
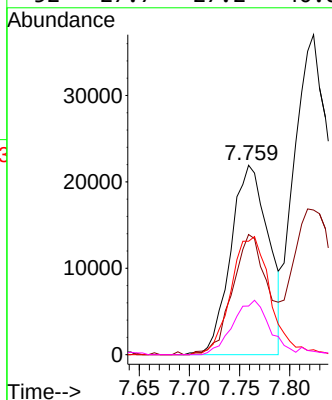
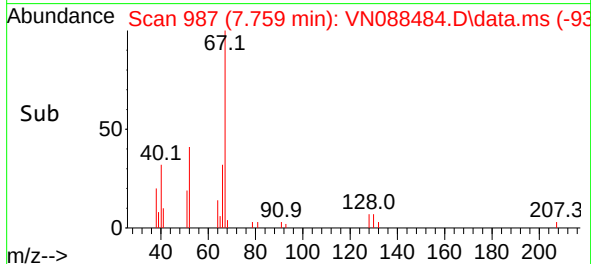
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



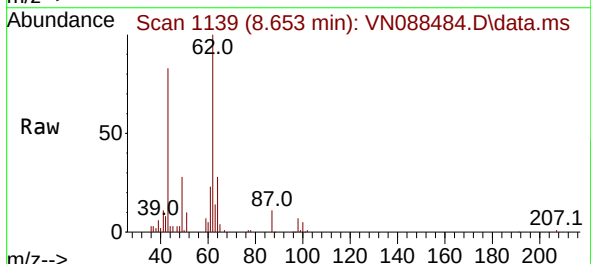
Tgt Ion: 41 Resp: 5755
Ion Ratio Lower Upper
41 100
39 59.1 46.3 69.5
67 64.9 54.7 82.1
52 27.7 27.2 40.8

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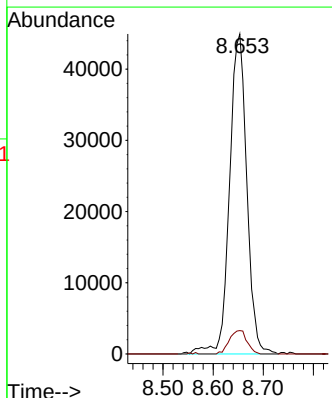
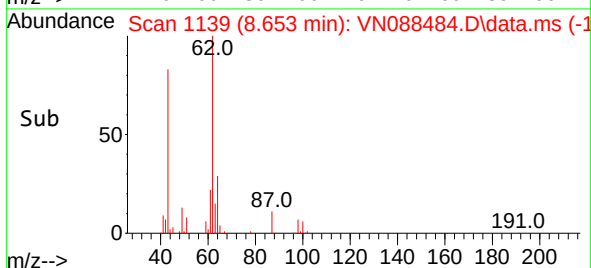
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

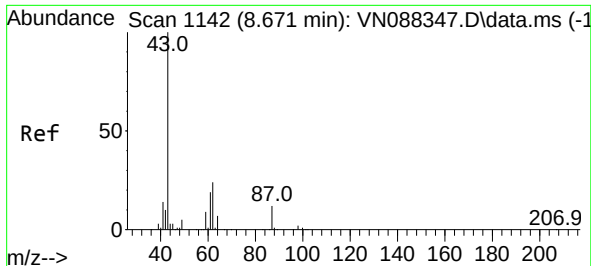


#42
1,2-Dichloroethane
Concen: 19.377 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



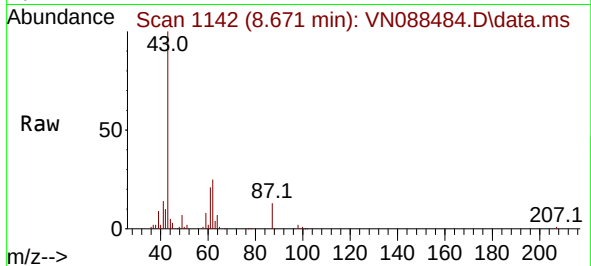
Tgt Ion: 62 Resp: 107451
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.2





#43
Isopropyl Acetate
Concen: 16.820 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

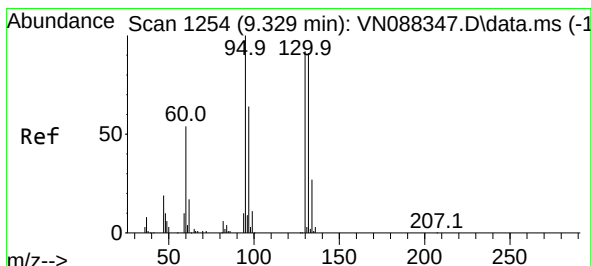
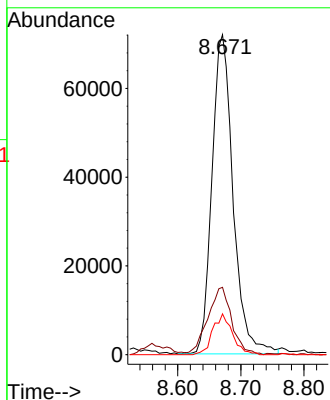
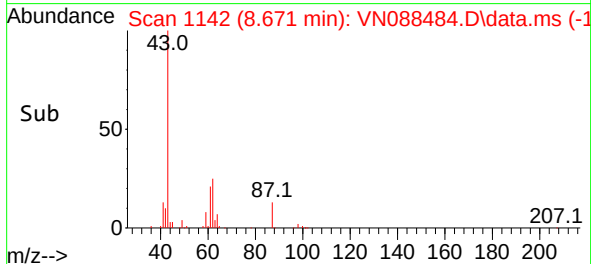
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 43 Resp: 16734
Ion Ratio Lower Upper
43 100
61 23.9 18.7 28.1
87 11.9 9.1 13.7

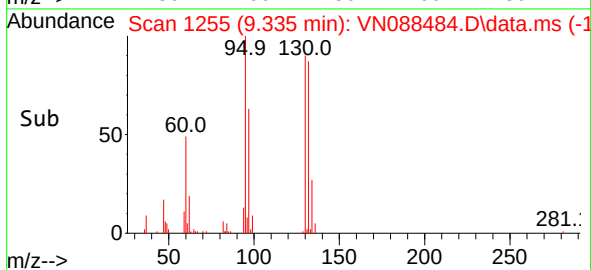
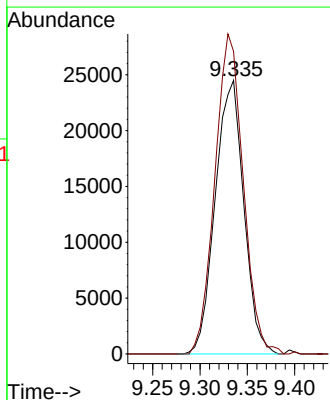
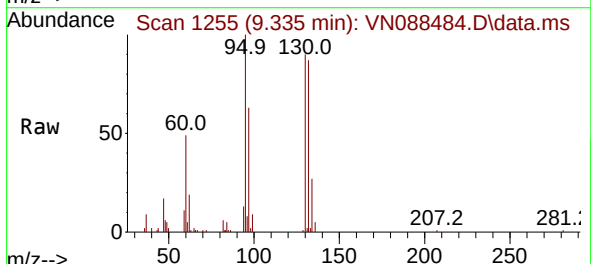
Manual Integrations
APPROVED

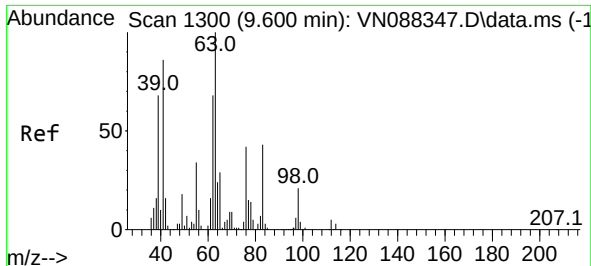
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#44
Trichloroethene
Concen: 14.987 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion:130 Resp: 51469
Ion Ratio Lower Upper
130 100
95 110.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 17.657 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 63 Resp: 6575

Ion Ratio Lower Upper

63 100

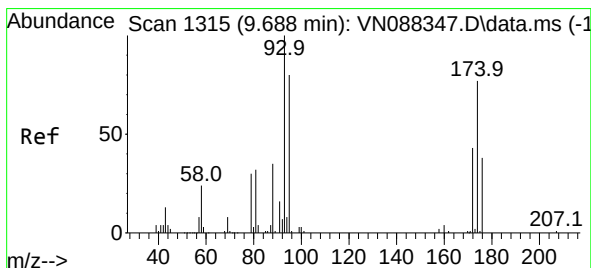
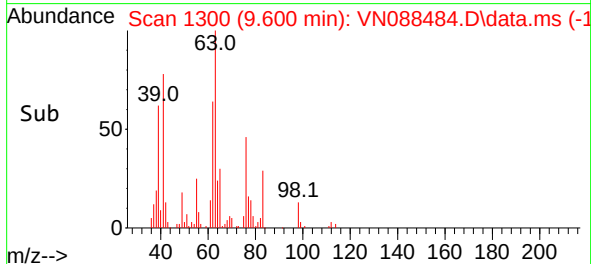
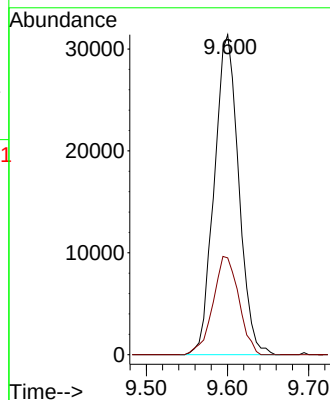
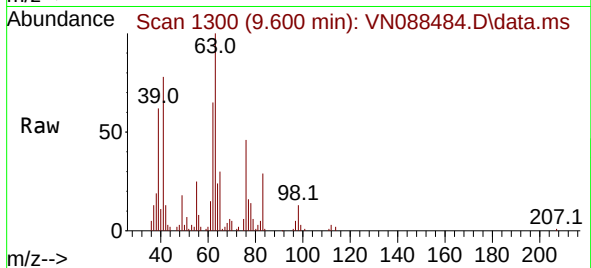
65 30.3 23.0 34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#46

Dibromomethane

Concen: 18.352 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

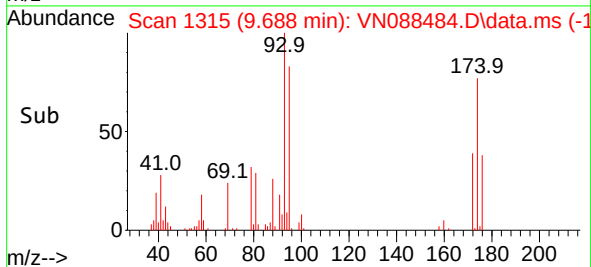
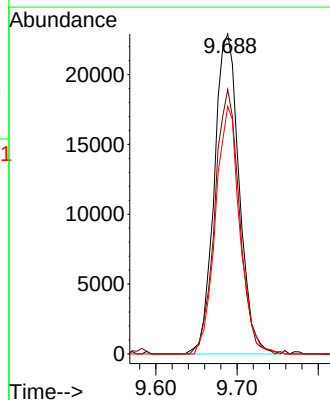
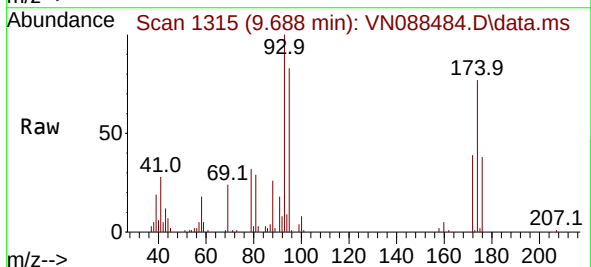
Tgt Ion: 93 Resp: 48771

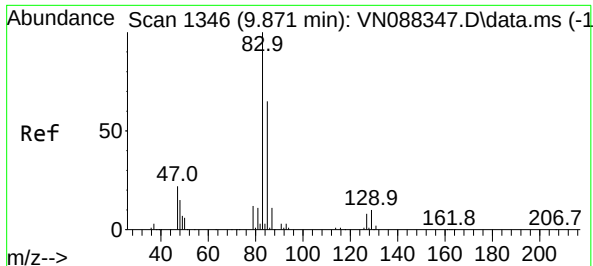
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.6

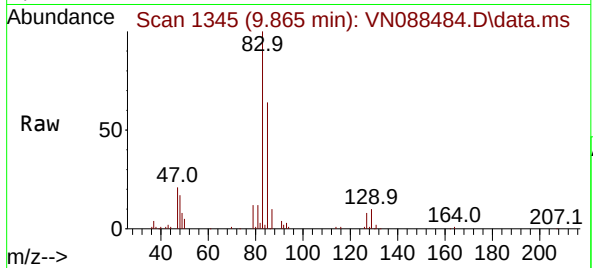
174 75.8 64.3 96.5





#47
Bromodichloromethane
Concen: 18.110 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

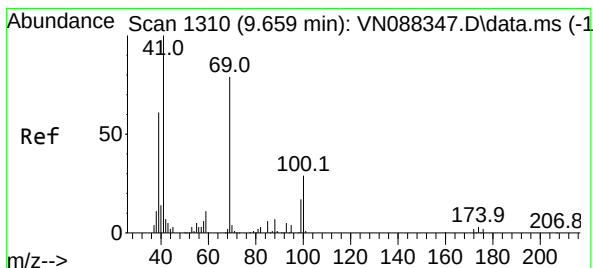
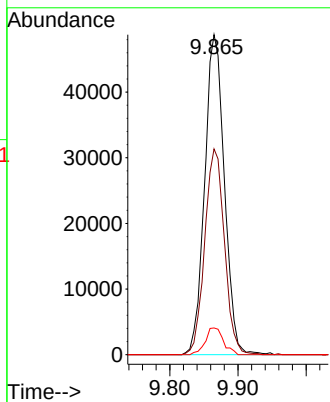
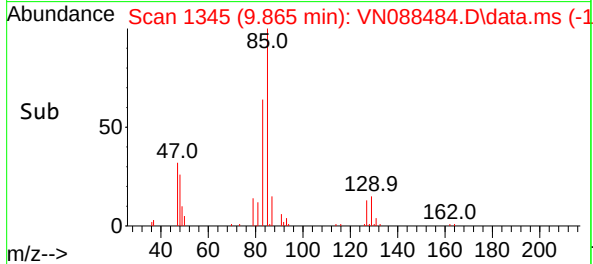
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



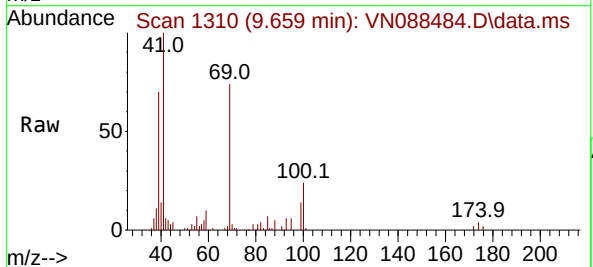
Tgt Ion: 83 Resp: 9820
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 8.3 6.3 9.5

Manual Integrations
APPROVED

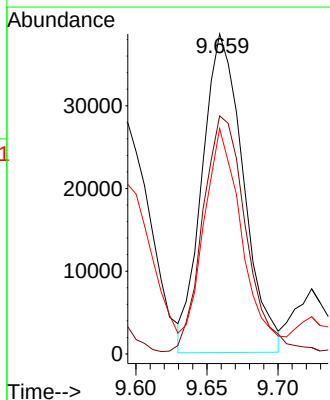
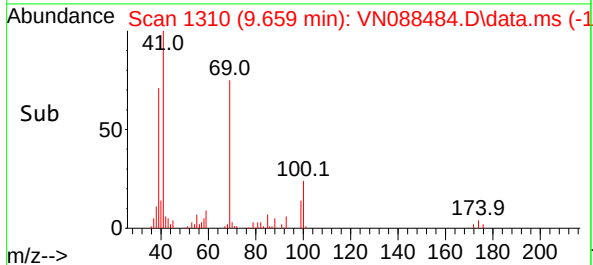
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

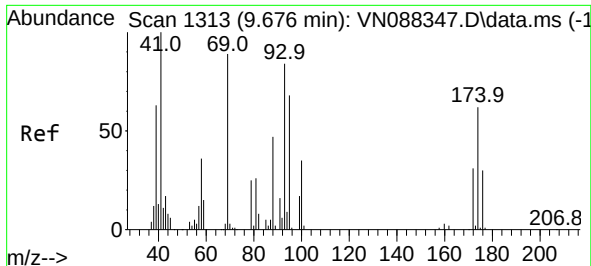


#48
Methyl methacrylate
Concen: 17.122 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



Tgt Ion: 41 Resp: 77720
Ion Ratio Lower Upper
41 100
69 79.0 62.4 93.6
39 65.4 52.6 79.0





#49

1,4-Dioxane

Concen: 275.914 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 88 Resp: 15928

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0

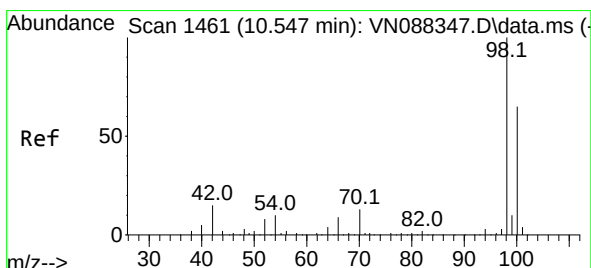
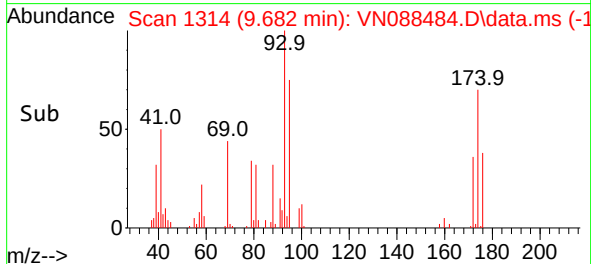
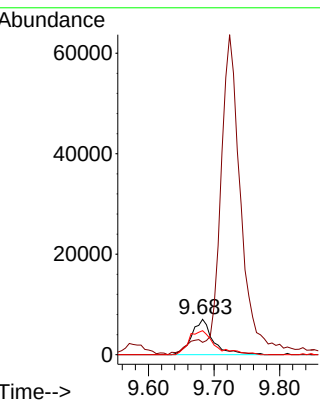
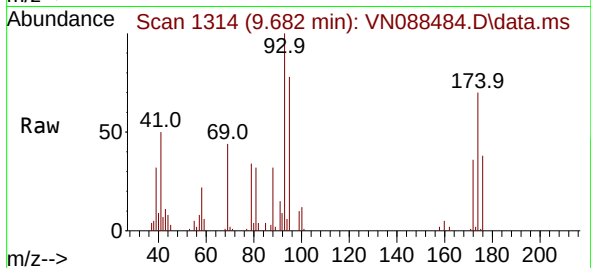
58 82.7 62.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#50

Toluene-d8

Concen: 38.066 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088484.D

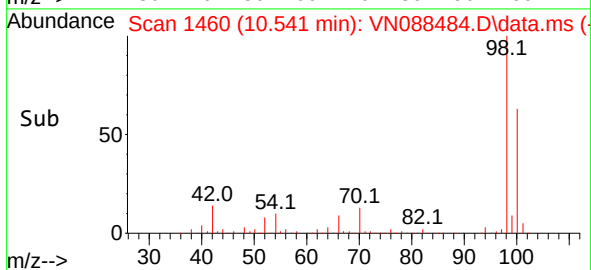
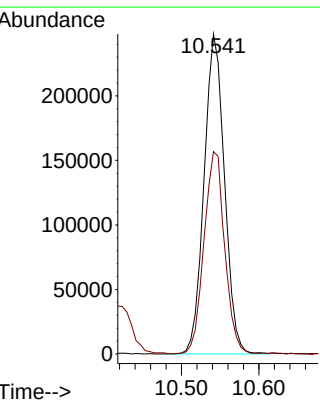
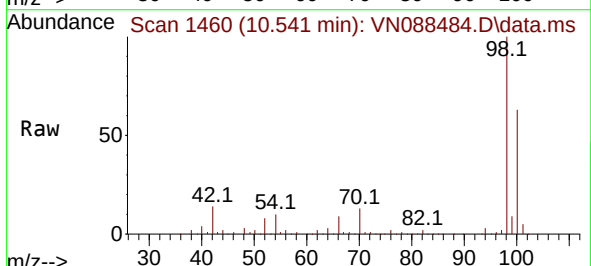
Acq: 09 Dec 2025 17:03

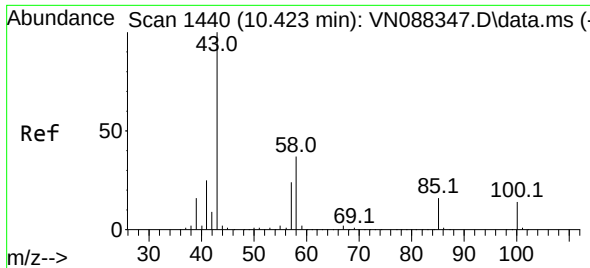
Tgt Ion: 98 Resp: 454477

Ion Ratio Lower Upper

98 100

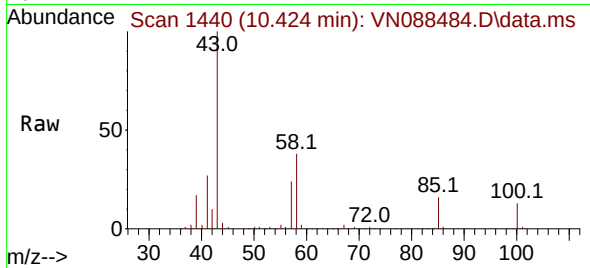
100 64.0 52.2 78.2





#51
4-Methyl-2-Pentanone
Concen: 88.967 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

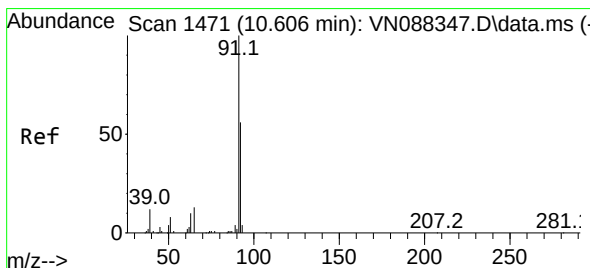
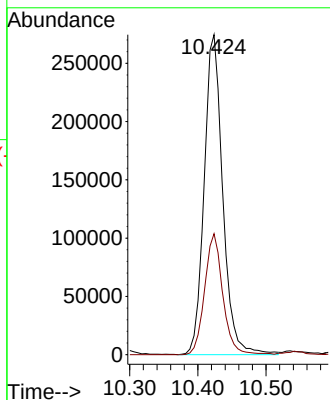
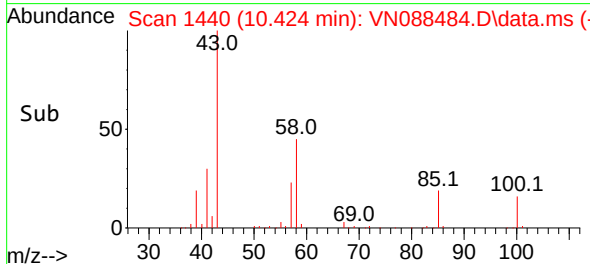
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 43 Resp: 521715
Ion Ratio Lower Upper
43 100
58 36.9 29.1 43.7

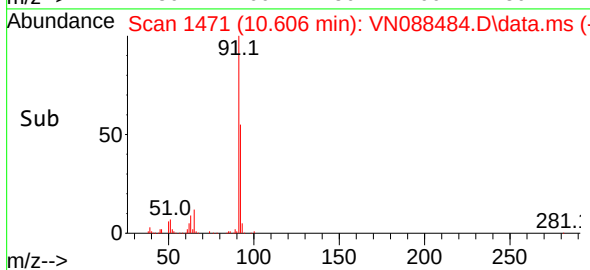
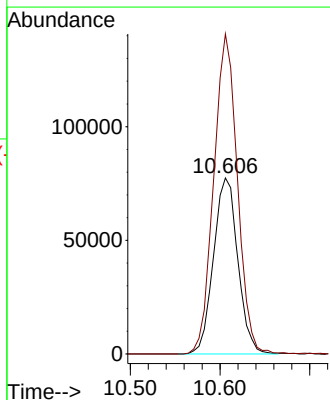
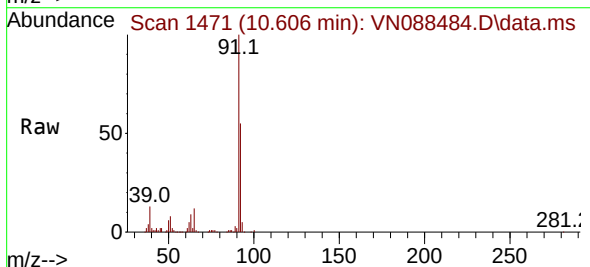
Manual Integrations
APPROVED

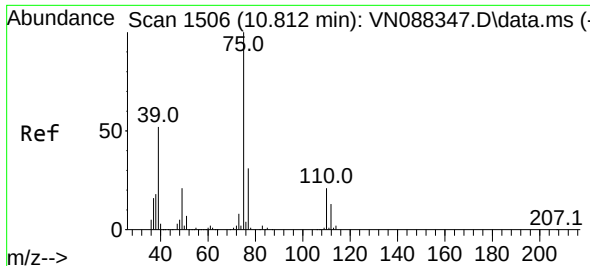
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#52
Toluene
Concen: 17.363 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

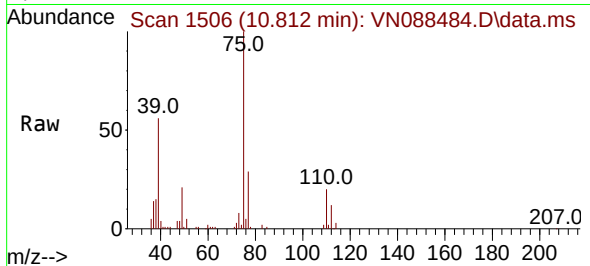
Tgt Ion: 92 Resp: 145724
Ion Ratio Lower Upper
92 100
91 177.1 140.2 210.2





#53
t-1,3-Dichloropropene
Concen: 18.027 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

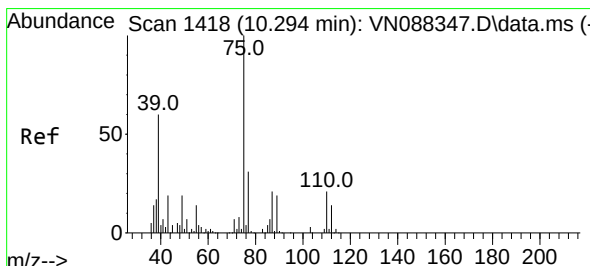
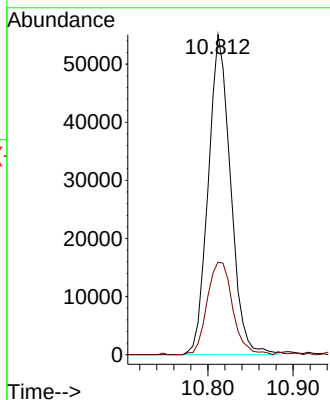
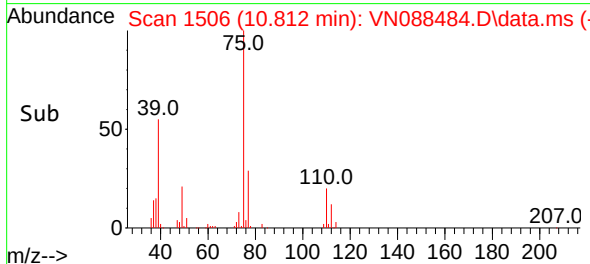
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



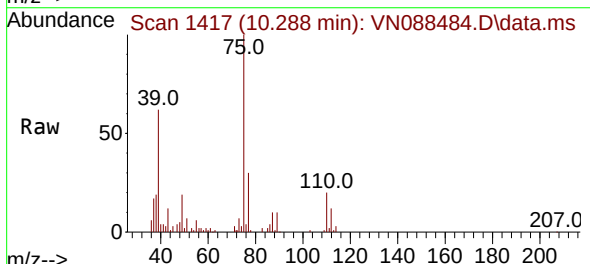
Tgt Ion: 75 Resp: 100340
Ion Ratio Lower Upper
75 100
77 28.9 24.8 37.2

Manual Integrations
APPROVED

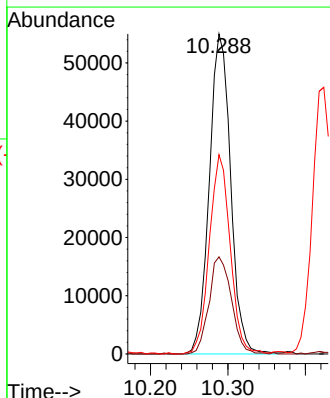
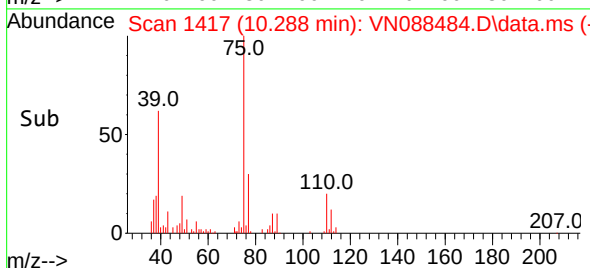
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

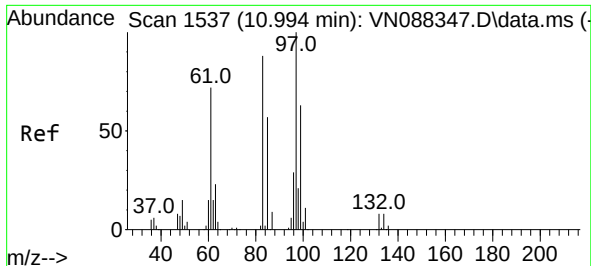


#54
cis-1,3-Dichloropropene
Concen: 17.950 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



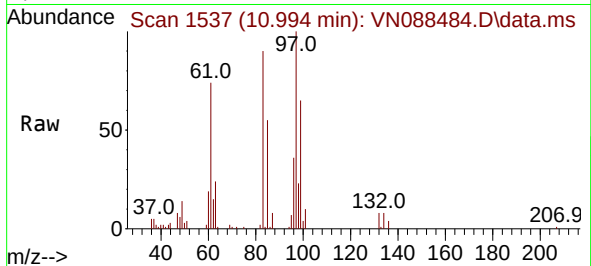
Tgt Ion: 75 Resp: 105065
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7
39 62.2 48.3 72.5





#55
1,1,2-Trichloroethane
Concen: 17.971 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

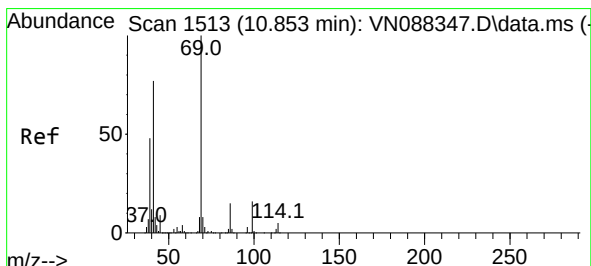
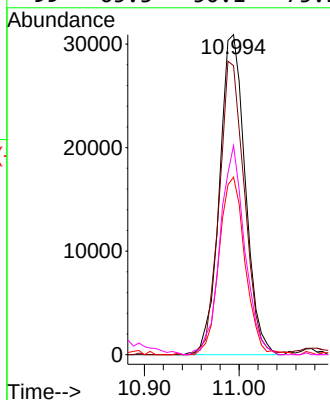
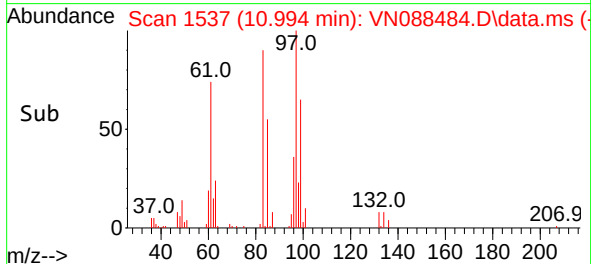
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.3	70.4	105.6
85	55.0	45.4	68.2
99	65.3	50.1	75.1

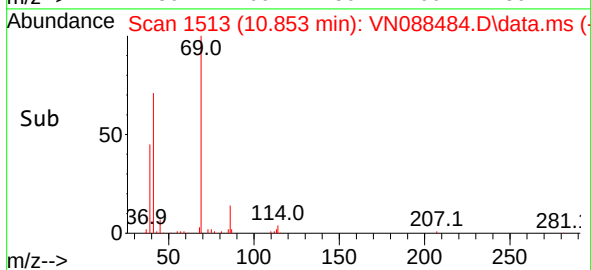
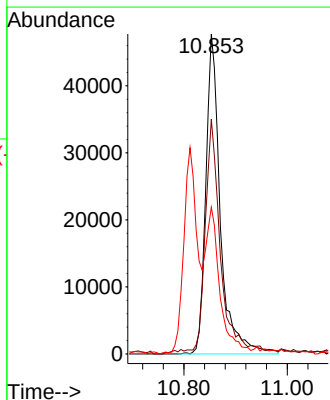
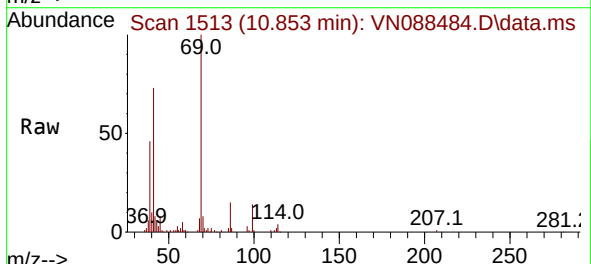
Manual Integrations
APPROVED

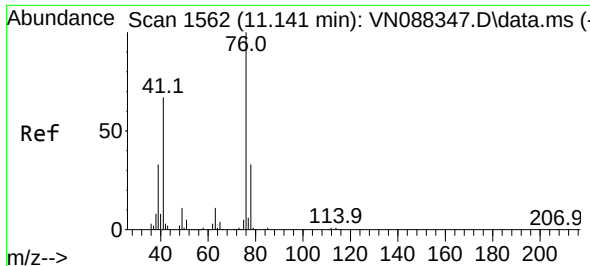
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#56
Ethyl methacrylate
Concen: 18.201 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.2	59.6	89.4
39	42.3	36.4	54.6





#57

1,3-Dichloropropane

Concen: 17.816 ug/l

RT: 11.135 min Scan# 1562

Delta R.T. -0.006 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

Tgt Ion: 76 Resp: 104364

Ion Ratio Lower Upper

76 100

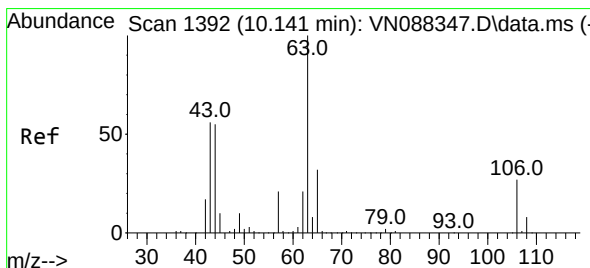
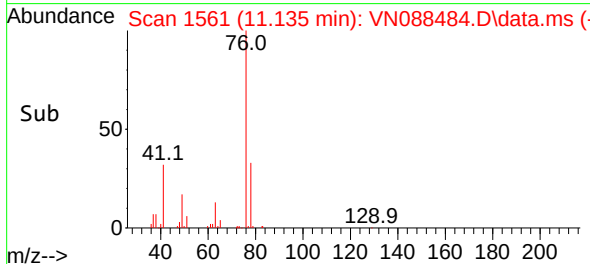
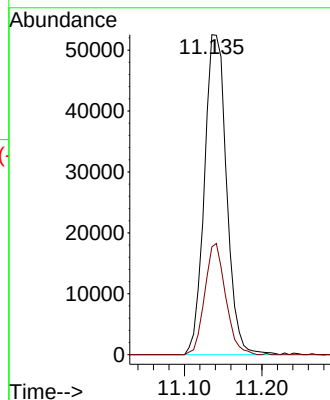
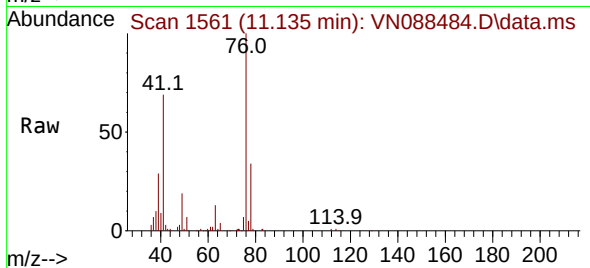
78 32.7 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 76.632 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088484.D

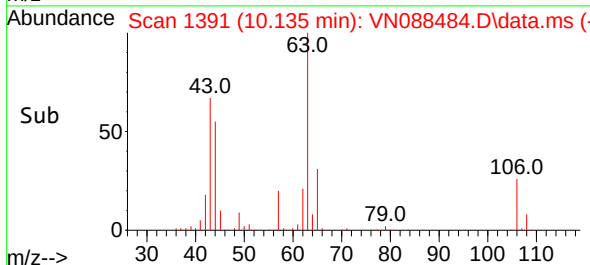
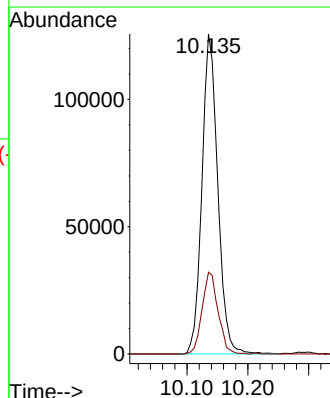
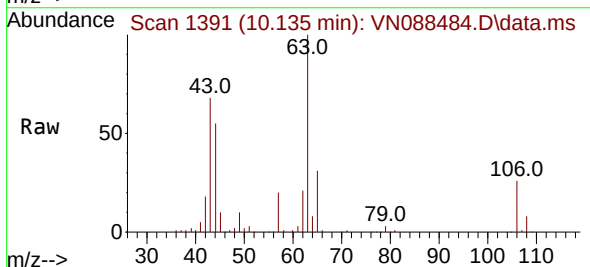
Acq: 09 Dec 2025 17:03

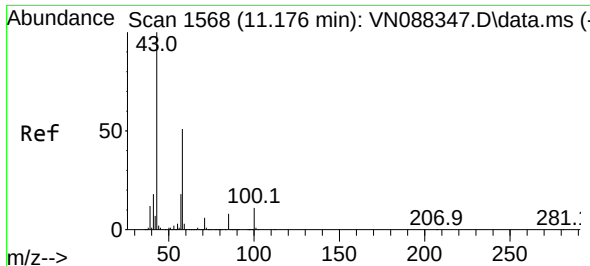
Tgt Ion: 63 Resp: 226601

Ion Ratio Lower Upper

63 100

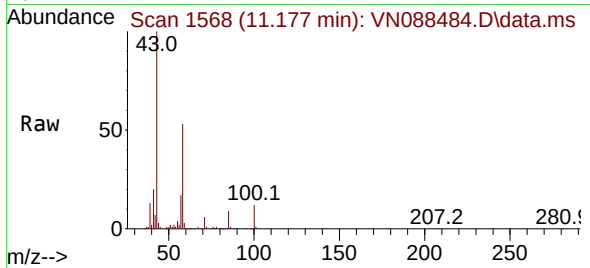
106 25.7 20.5 30.7





#59
2-Hexanone
Concen: 84.266 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

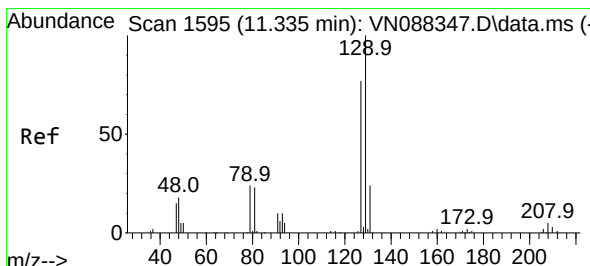
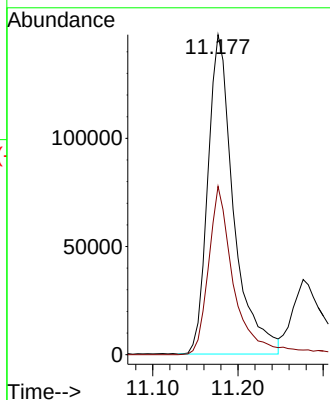
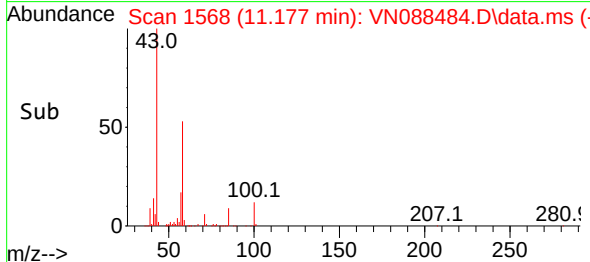
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 43 Resp: 311289
Ion Ratio Lower Upper
43 100
58 52.7 25.3 75.9

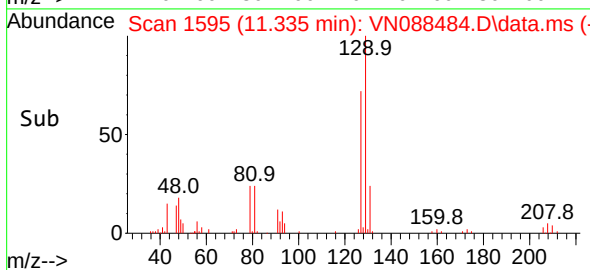
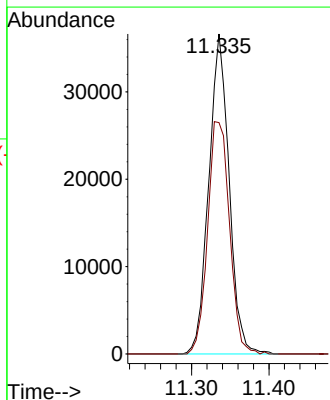
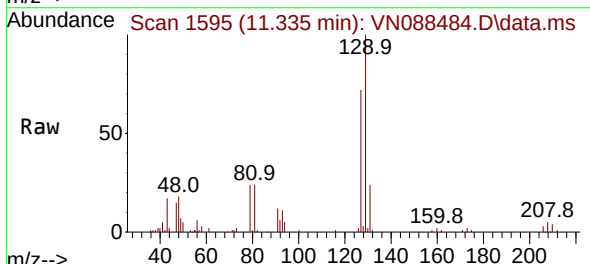
Manual Integrations
APPROVED

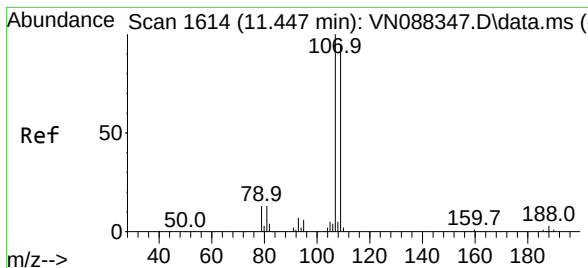
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#60
Dibromochloromethane
Concen: 18.037 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

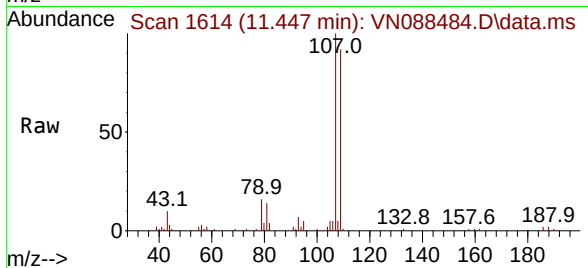
Tgt Ion:129 Resp: 66768
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61
1,2-Dibromoethane
Concen: 17.850 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

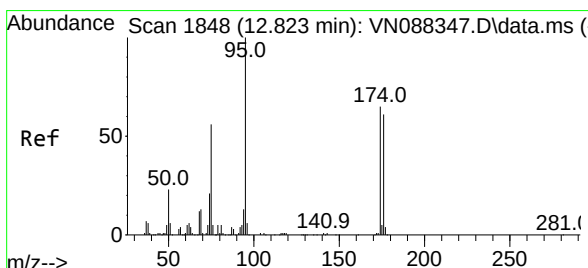
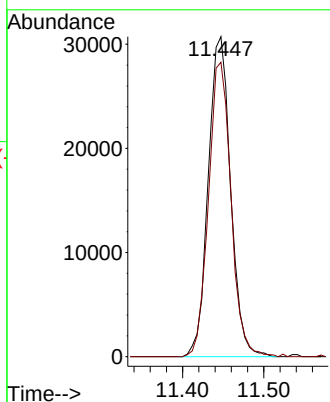
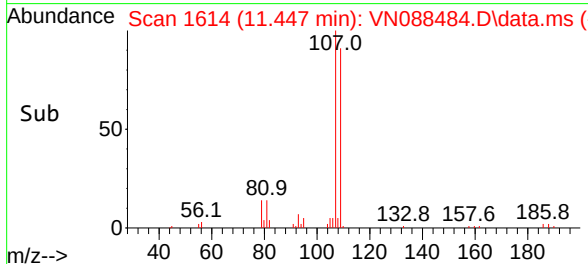
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



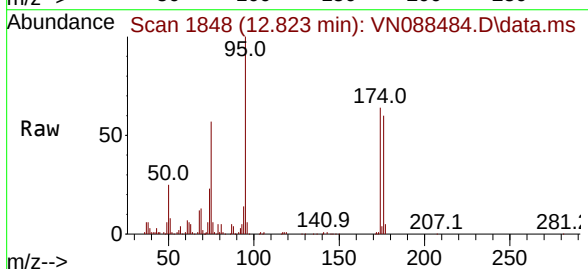
Tgt Ion:107 Resp: 58692
Ion Ratio Lower Upper
107 100
109 92.8 74.6 112.0

Manual Integrations
APPROVED

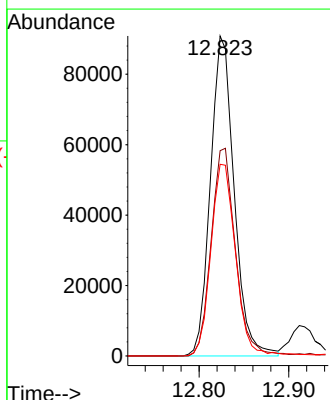
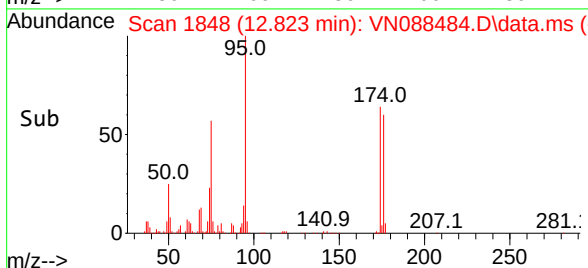
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

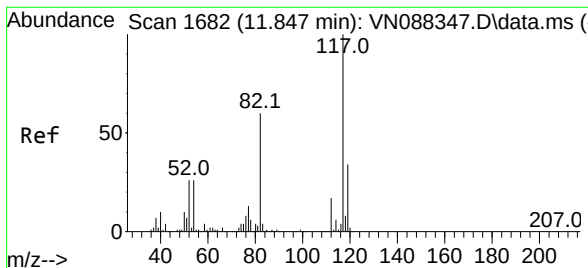


#62
4-Bromofluorobenzene
Concen: 40.755 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



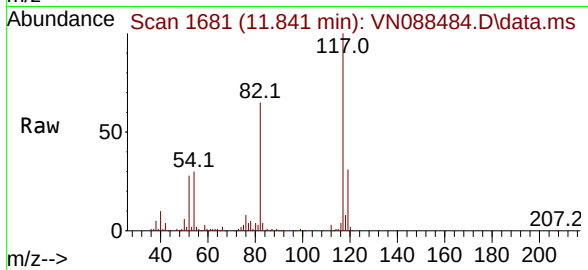
Tgt Ion: 95 Resp: 166956
Ion Ratio Lower Upper
95 100
174 66.4 0.0 139.0
176 62.6 0.0 132.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

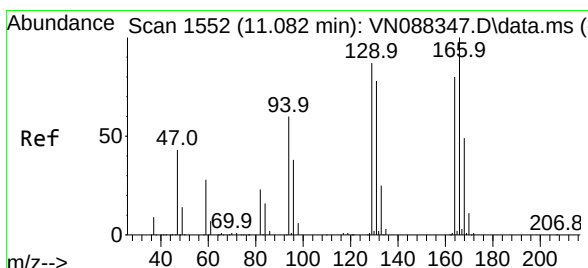
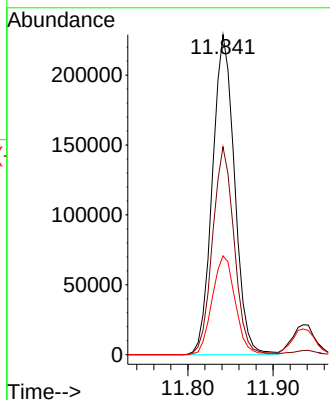
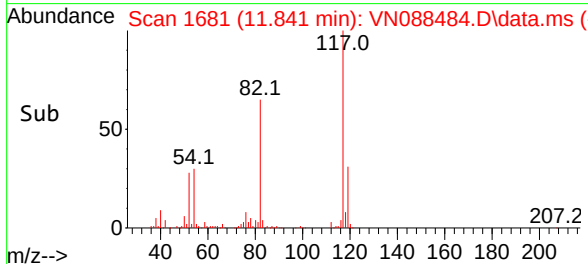
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



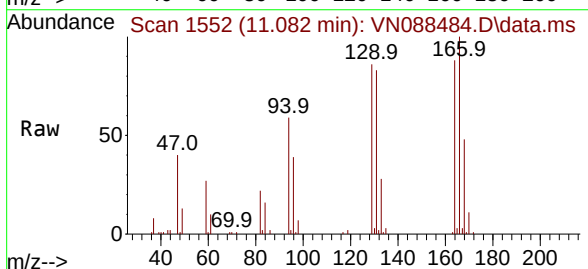
Tgt Ion:117 Resp: 41382
Ion Ratio Lower Upper
117 100
82 65.0 47.8 71.8
119 30.9 26.9 40.3

Manual Integrations
APPROVED

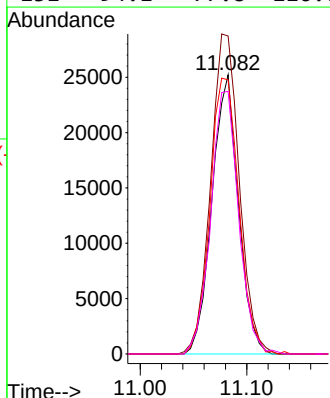
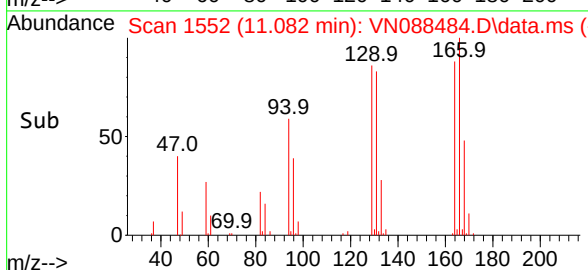
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

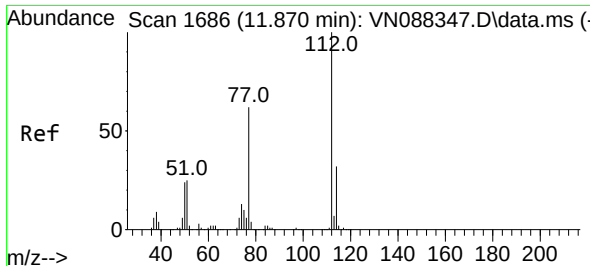


#64
Tetrachloroethene
Concen: 13.202 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



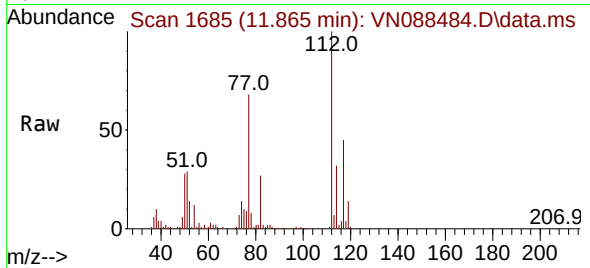
Tgt Ion:164 Resp: 43310
Ion Ratio Lower Upper
164 100
166 113.9 99.6 149.4
129 98.2 86.6 129.8
131 94.1 77.8 116.6





#65
Chlorobenzene
Concen: 16.432 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

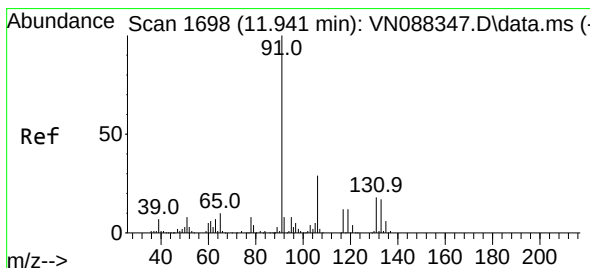
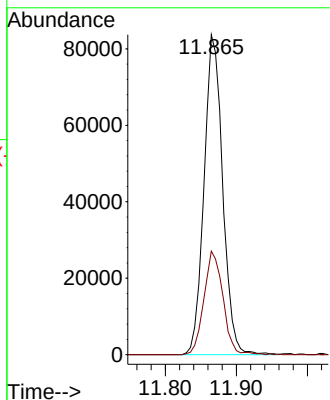
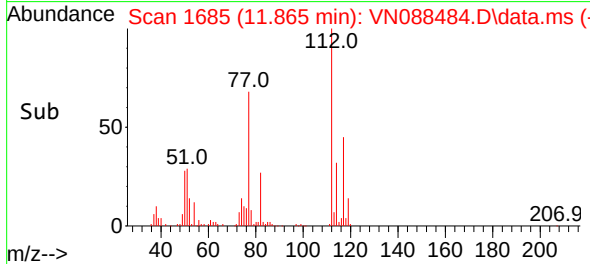
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



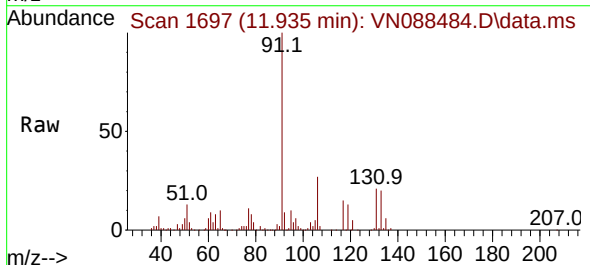
Tgt Ion:112 Resp: 152739
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

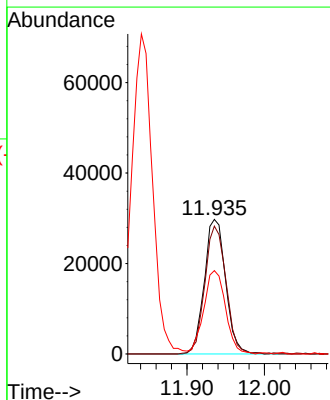
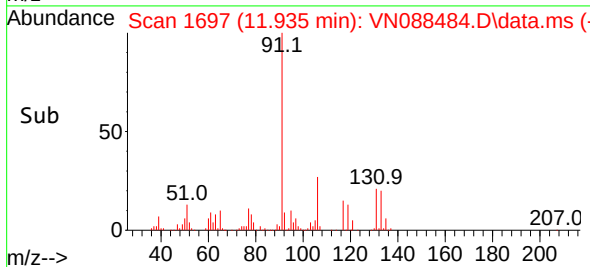
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

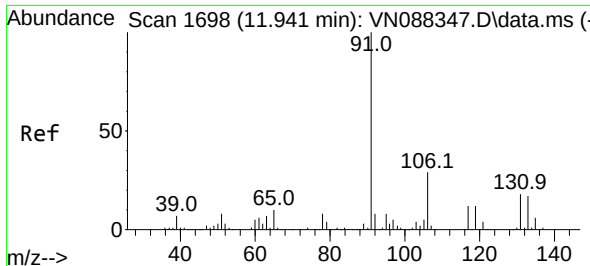


#66
1,1,1,2-Tetrachloroethane
Concen: 18.123 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



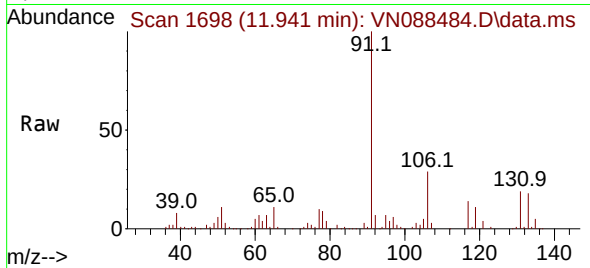
Tgt Ion:131 Resp: 56816
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 63.3 33.4 100.1





#67
Ethyl Benzene
Concen: 16.283 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

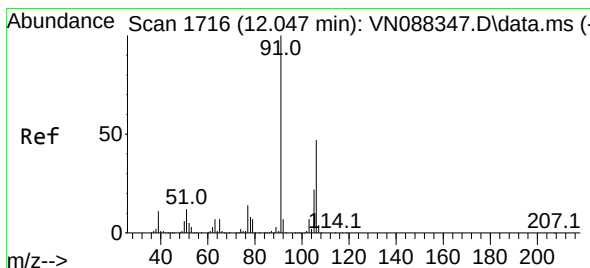
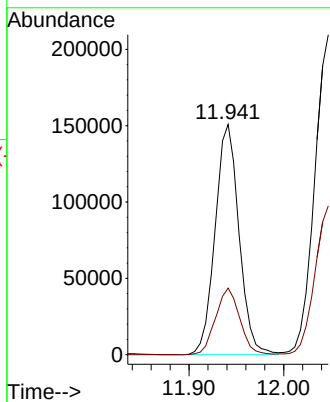
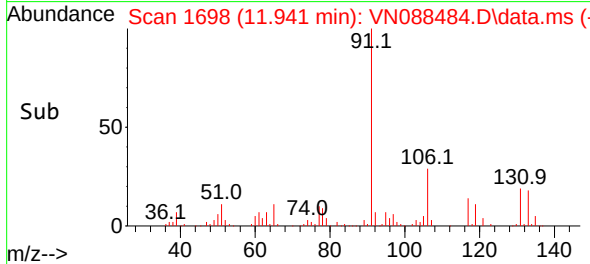
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 91 Resp: 26454
Ion Ratio Lower Upper
91 100
106 28.9 23.6 35.4

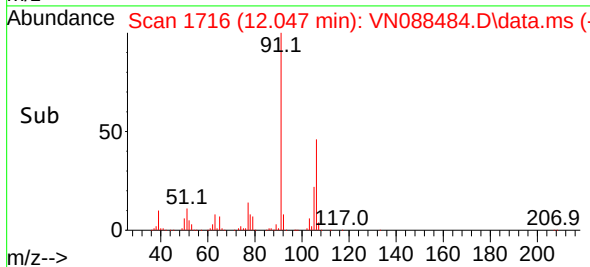
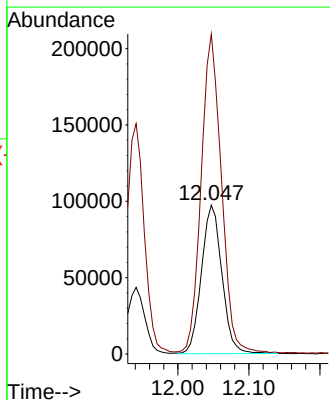
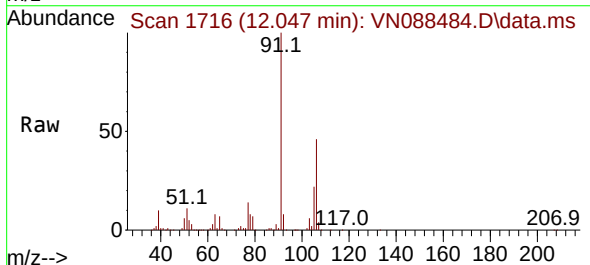
Manual Integrations
APPROVED

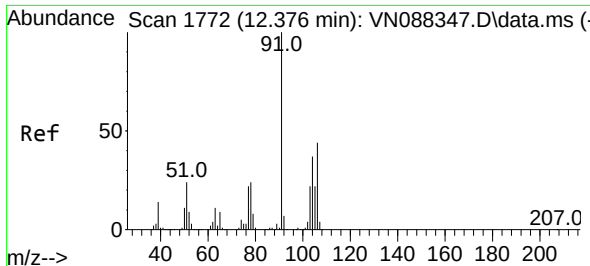
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#68
m/p-Xylenes
Concen: 32.357 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

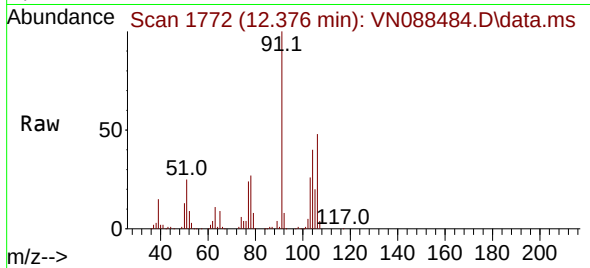
Tgt Ion:106 Resp: 194904
Ion Ratio Lower Upper
106 100
91 212.9 167.8 251.6





#69
o-Xylene
Concen: 16.496 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

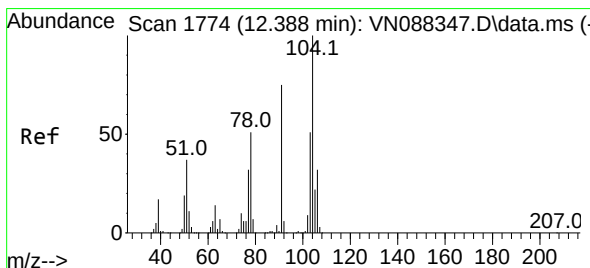
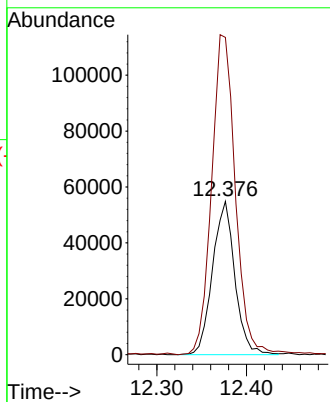
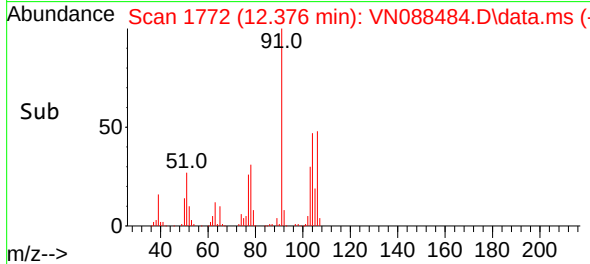
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:106 Resp: 94734
Ion Ratio Lower Upper
106 100
91 223.3 112.9 338.7

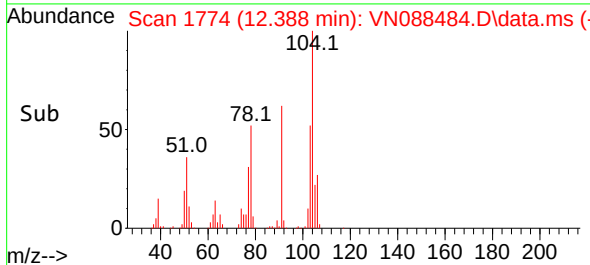
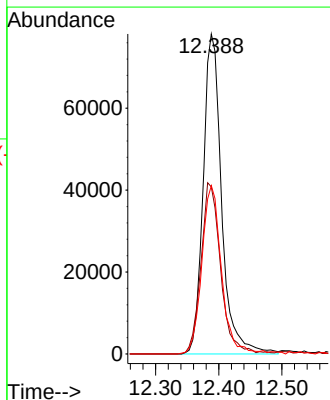
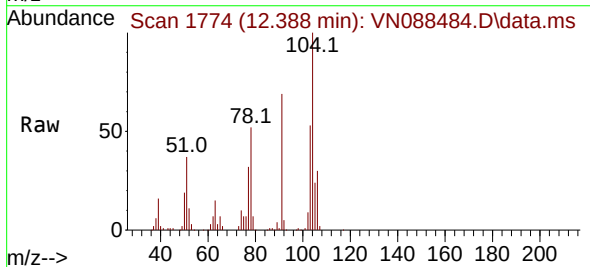
Manual Integrations
APPROVED

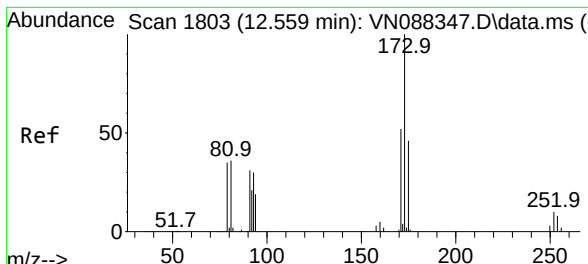
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#70
Styrene
Concen: 17.018 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

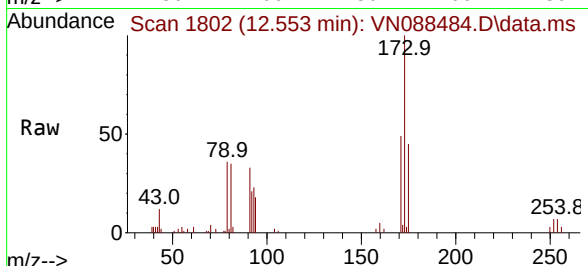
Tgt Ion:104 Resp: 158681
Ion Ratio Lower Upper
104 100
78 57.1 44.3 66.5
103 56.1 44.2 66.4





#71
Bromoform
Concen: 17.807 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

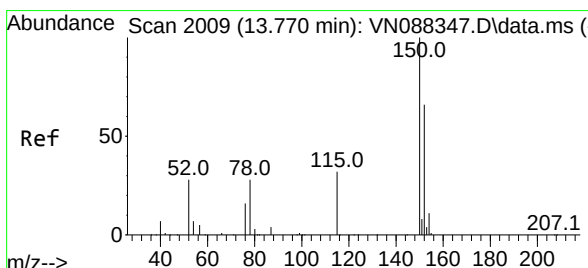
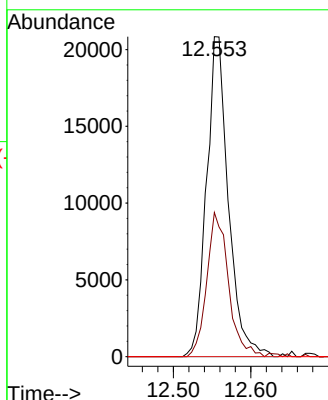
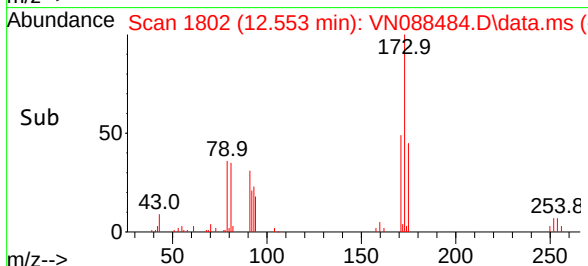
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



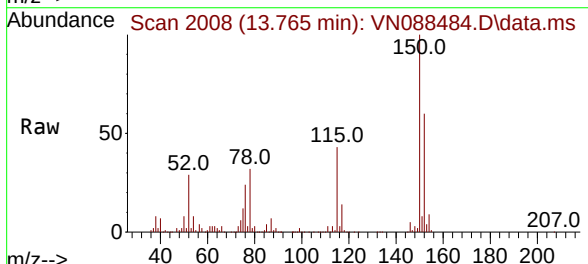
Tgt Ion:173 Resp: 40889
Ion Ratio Lower Upper
173 100
175 44.6 23.9 71.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

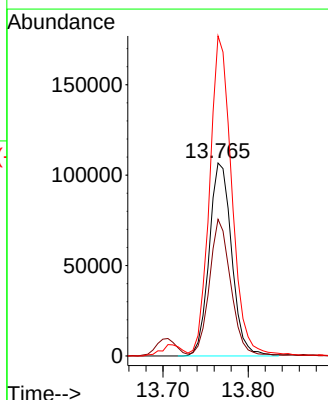
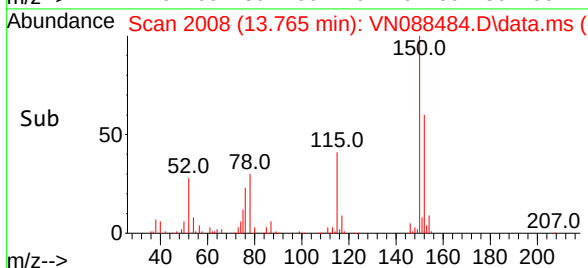
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

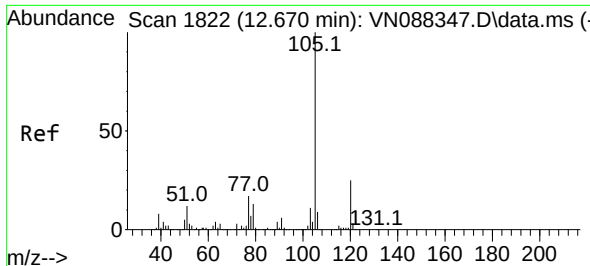


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



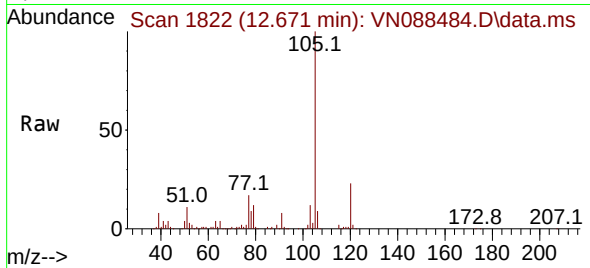
Tgt Ion:152 Resp: 196069
Ion Ratio Lower Upper
152 100
115 66.5 33.0 98.9
150 163.6 0.0 349.0





#73
Isopropylbenzene
Concen: 15.925 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

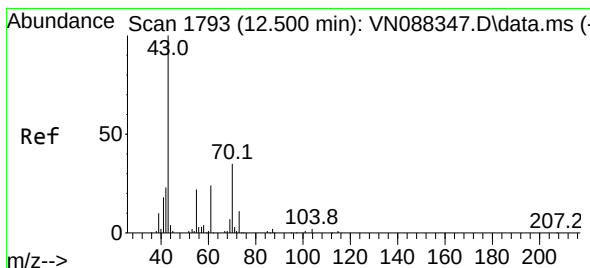
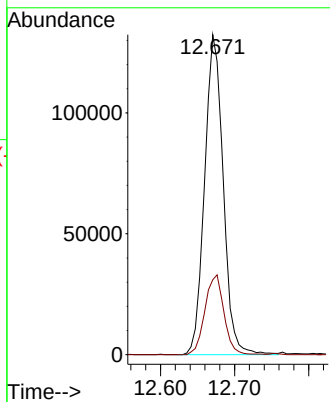
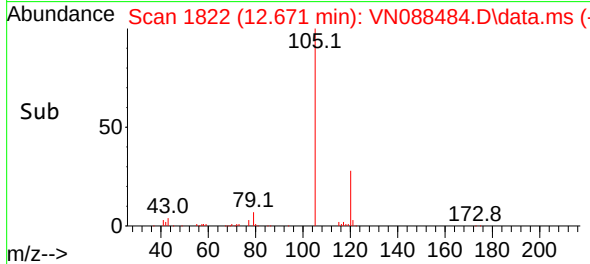
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



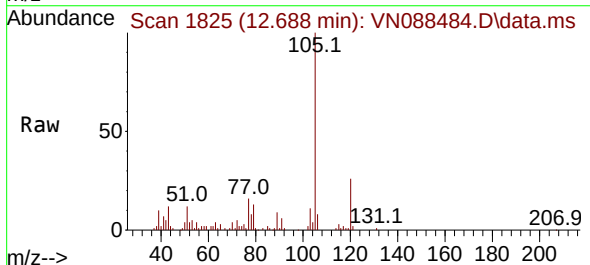
Tgt Ion:105 Resp: 23086
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

Manual Integrations
APPROVED

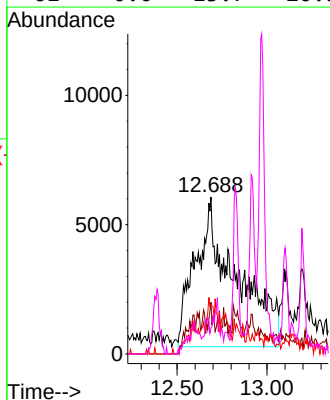
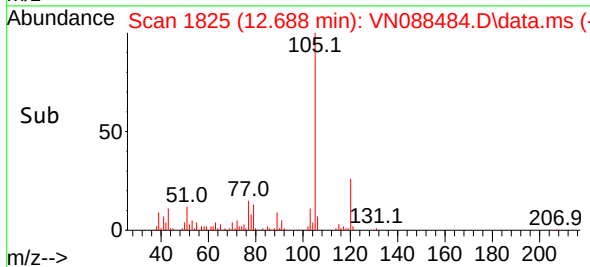
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

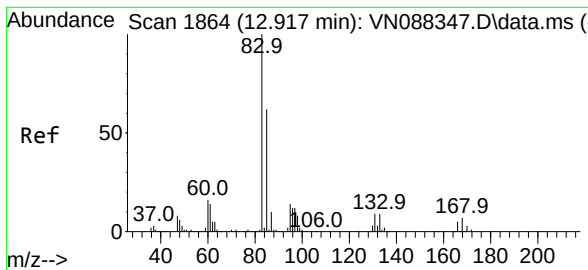


#74
N-ethyl acetate
Concen: 18.209 ug/l m
RT: 12.688 min Scan# 1825
Delta R.T. 0.188 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



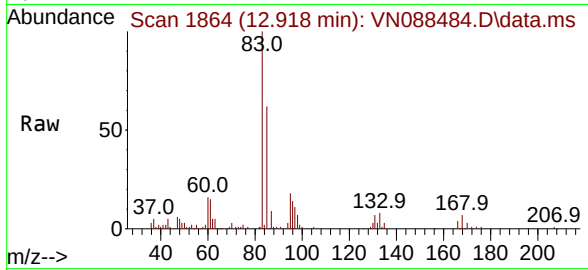
Tgt Ion: 43 Resp: 89901
Ion Ratio Lower Upper
43 100
70 0.0 28.3 42.5#
55 0.0 17.7 26.5#
61 0.0 13.7 20.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.663 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

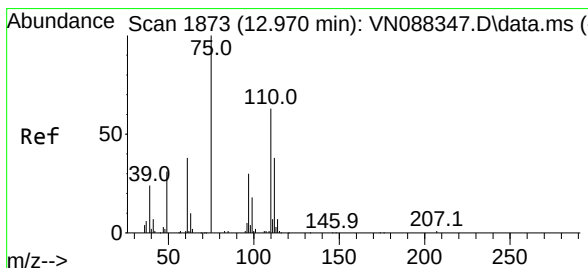
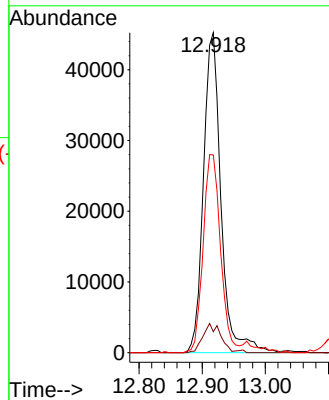
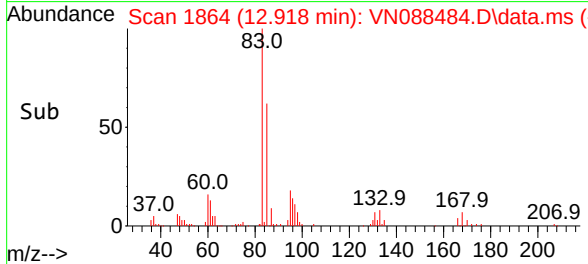
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion: 83 Resp: 87468
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 61.2 32.1 96.5

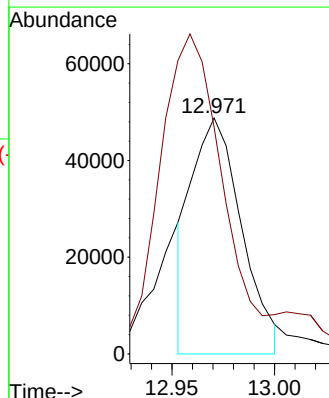
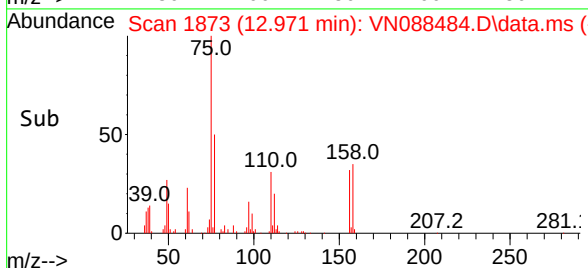
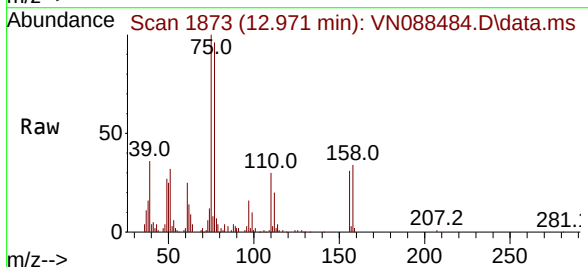
Manual Integrations
APPROVED

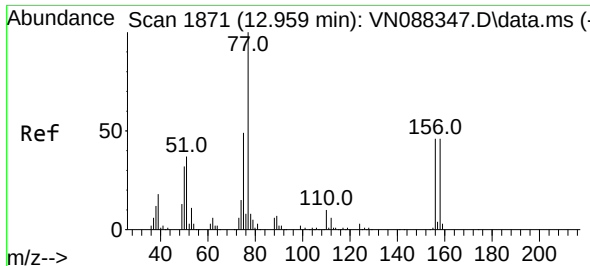
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#76
1,2,3-Trichloropropane
Concen: 17.975 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

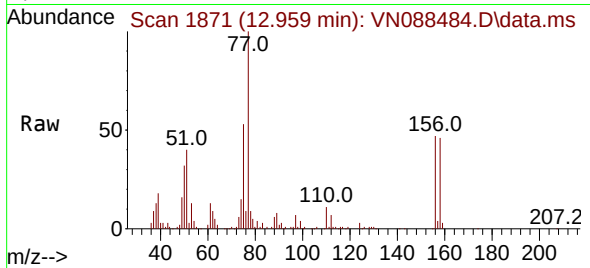
Tgt Ion: 75 Resp: 82547
Ion Ratio Lower Upper
75 100
77 173.1 87.2 261.6





#77
Bromobenzene
Concen: 17.357 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

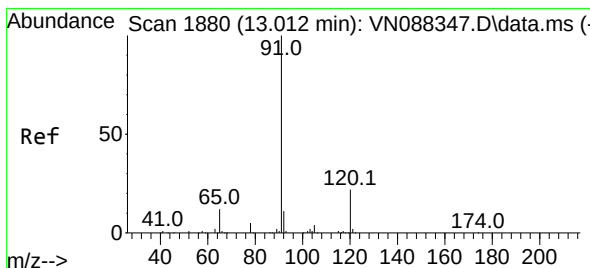
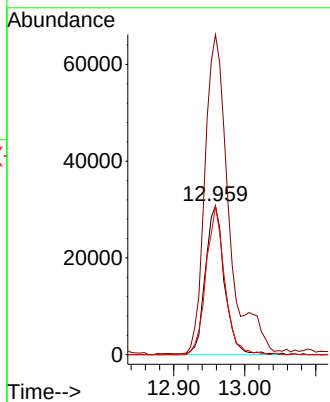
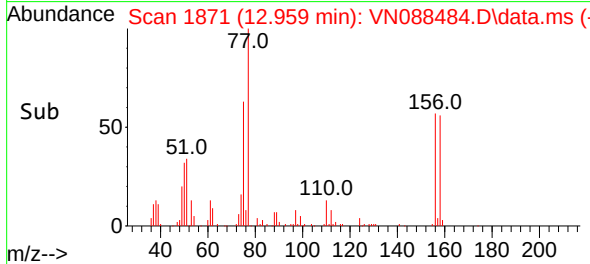
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



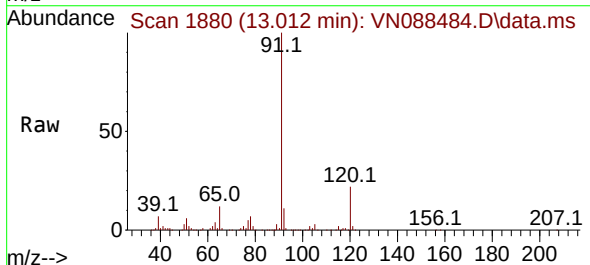
Tgt Ion:156 Resp: 57574
Ion Ratio Lower Upper
156 100
77 248.1 121.6 364.7
158 97.3 48.6 145.8

Manual Integrations
APPROVED

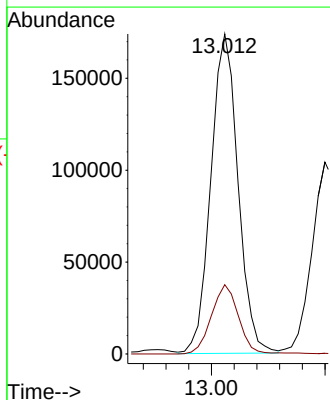
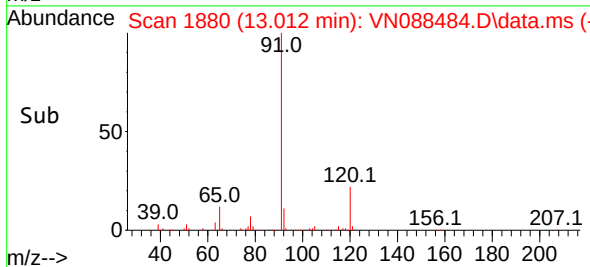
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

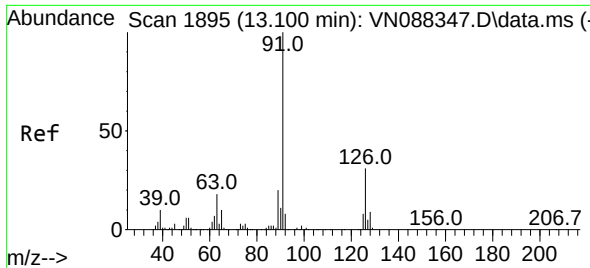


#78
n-propylbenzene
Concen: 16.269 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



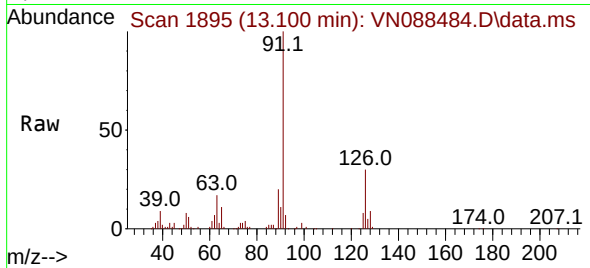
Tgt Ion: 91 Resp: 288541
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6





#79
2-Chlorotoluene
Concen: 17.053 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

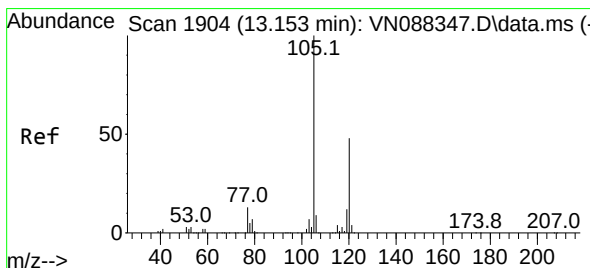
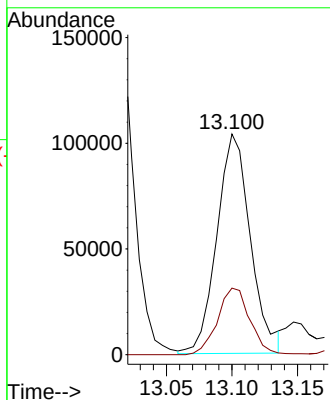
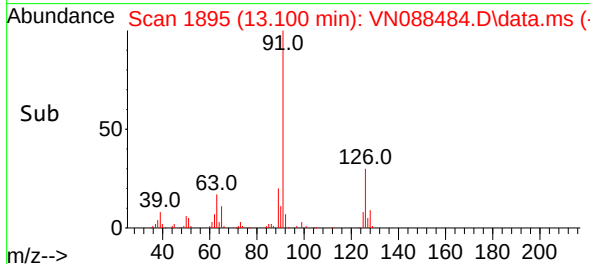
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



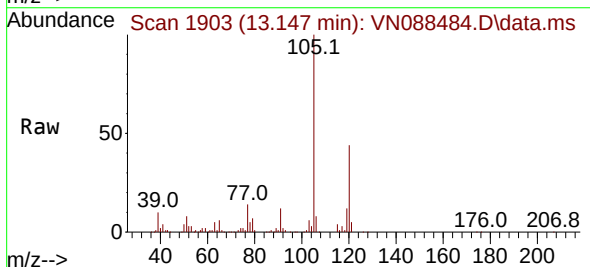
Tgt Ion: 91 Resp: 184692
Ion Ratio Lower Upper
91 100
126 29.5 15.3 45.9

Manual Integrations
APPROVED

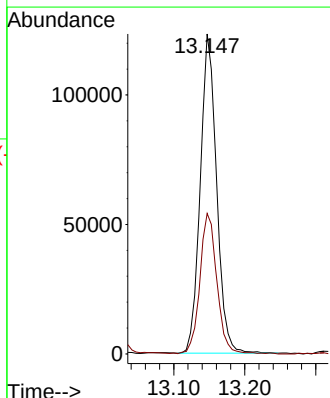
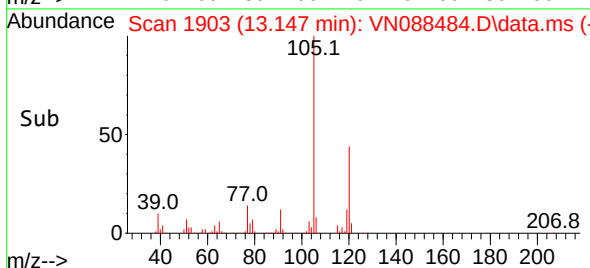
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

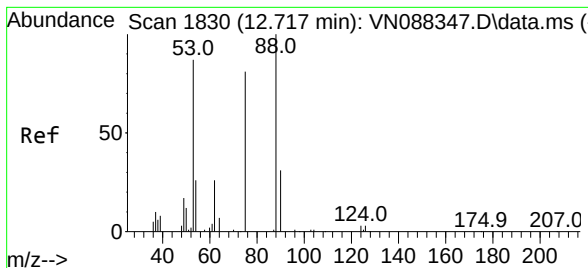


#80
1,3,5-Trimethylbenzene
Concen: 16.430 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



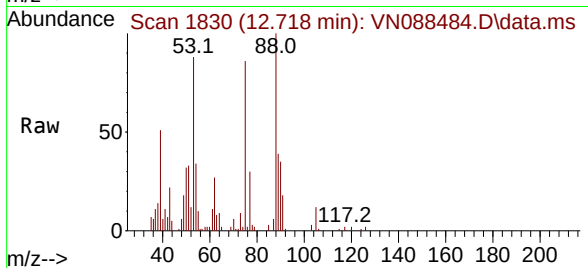
Tgt Ion:105 Resp: 197376
Ion Ratio Lower Upper
105 100
120 46.1 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 19.379 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

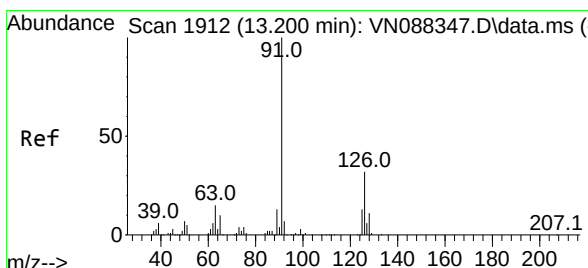
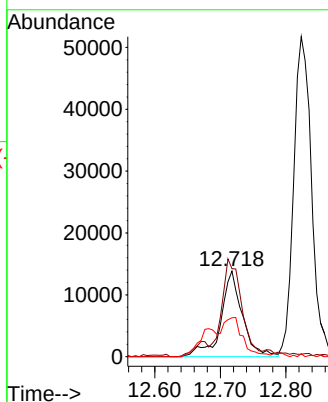
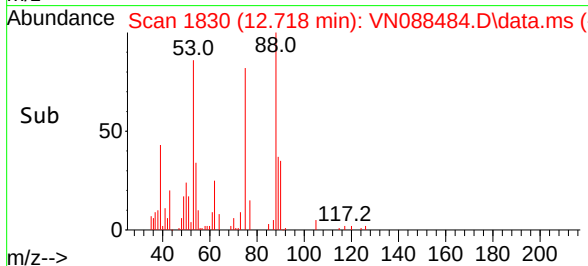
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



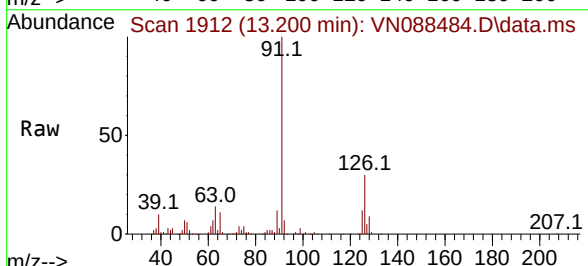
Tgt Ion: 75 Resp: 31370
Ion Ratio Lower Upper
75 100
53 94.2 92.2 138.4
89 42.9 0.0 0.0

Manual Integrations
APPROVED

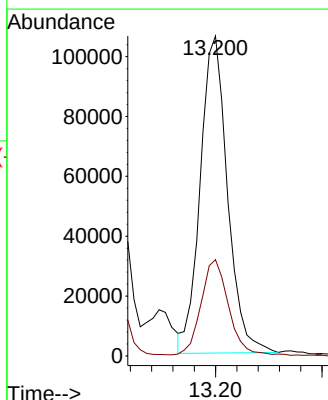
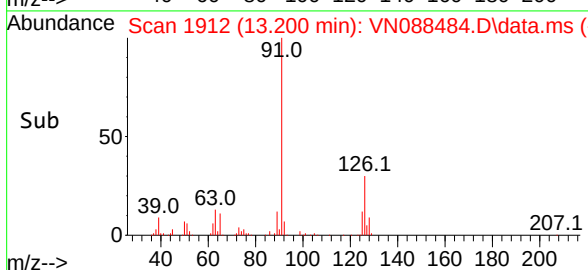
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

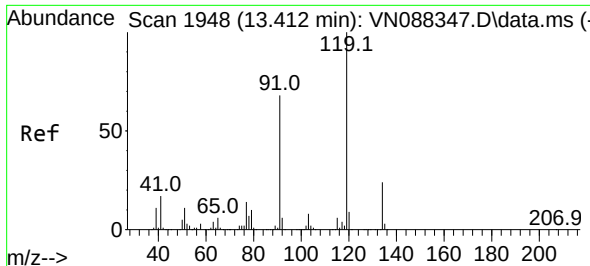


#82
4-Chlorotoluene
Concen: 17.497 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



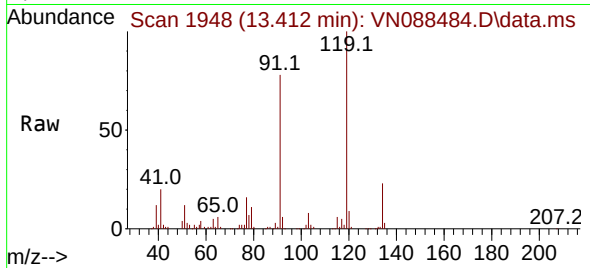
Tgt Ion: 91 Resp: 188218
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.7





#83
 tert-Butylbenzene
 Concen: 15.502 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

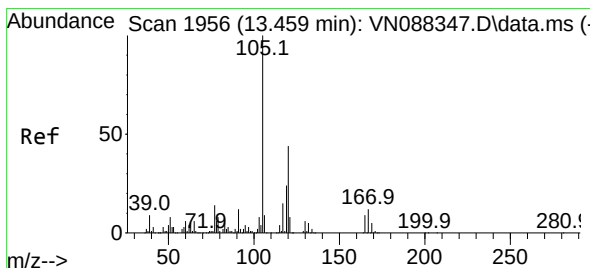
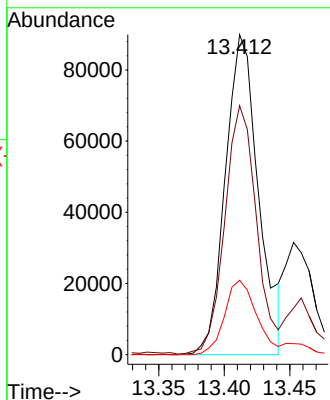
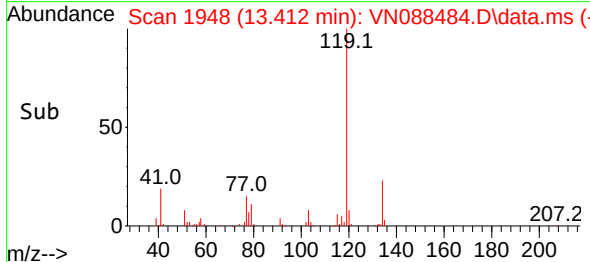
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02



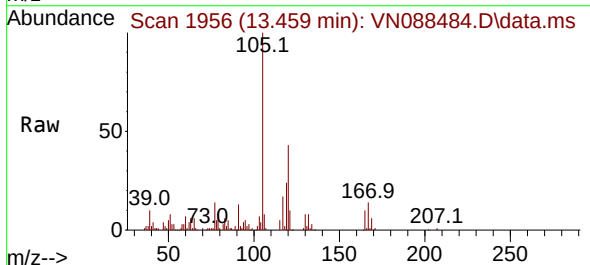
Tgt Ion:119 Resp: 158300
 Ion Ratio Lower Upper
 119 100
 91 73.9 35.1 105.3
 134 22.4 12.8 38.4

Manual Integrations
 APPROVED

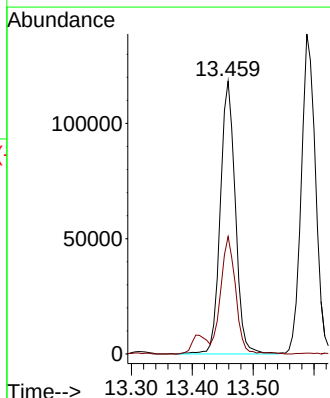
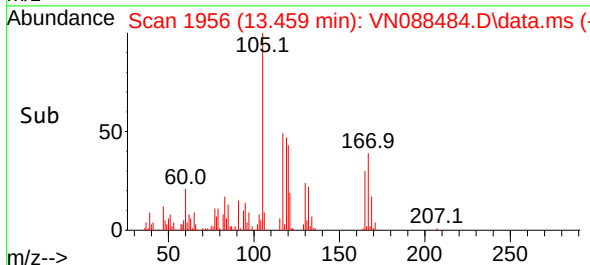
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025

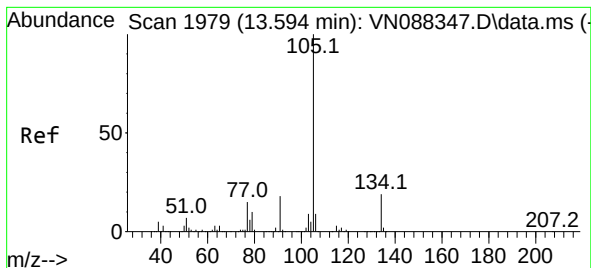


#84
 1,2,4-Trimethylbenzene
 Concen: 17.001 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03



Tgt Ion:105 Resp: 203002
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.1





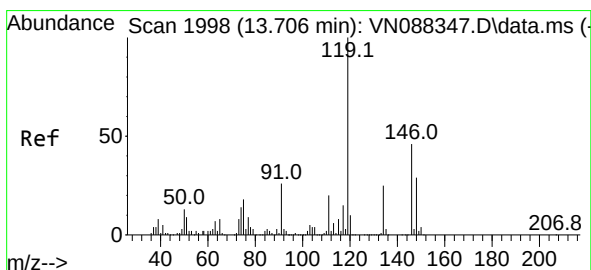
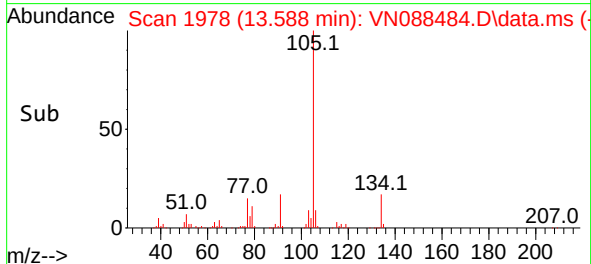
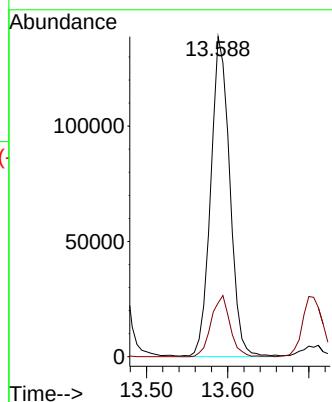
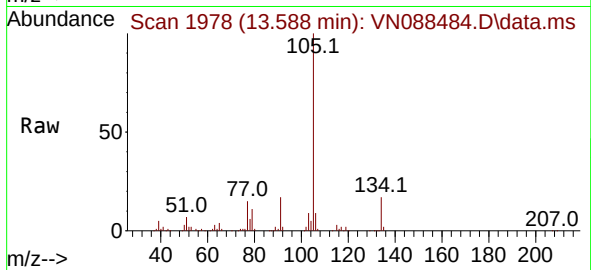
#85
 sec-Butylbenzene
 Concen: 15.431 ug/l
 RT: 13.588 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBSD02

Tgt Ion:105 Resp: 22637
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5

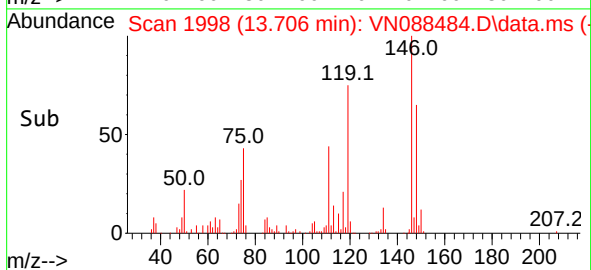
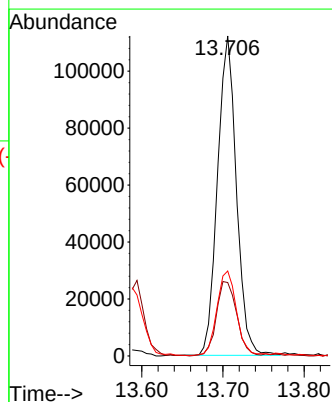
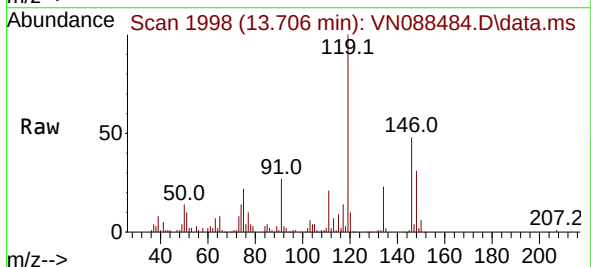
Manual Integrations
 APPROVED

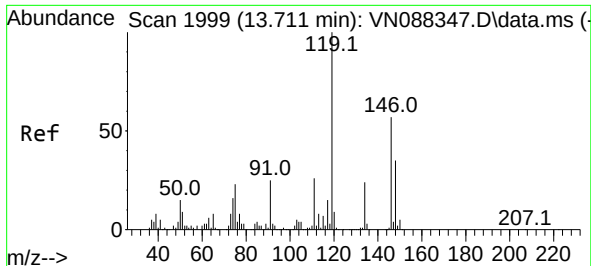
Reviewed By :John Carlone 12/10/2025
 Supervised By :Mahesh Dadoda 12/11/2025



#86
 p-Isopropyltoluene
 Concen: 15.112 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088484.D
 Acq: 09 Dec 2025 17:03

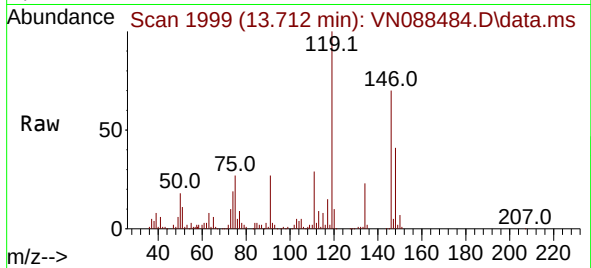
Tgt Ion:119 Resp: 181798
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.2 36.6
 91 27.2 13.0 39.0





#87
1,3-Dichlorobenzene
Concen: 16.266 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

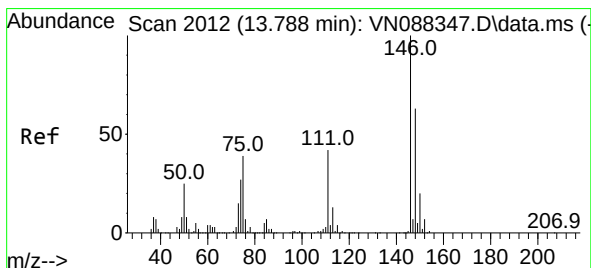
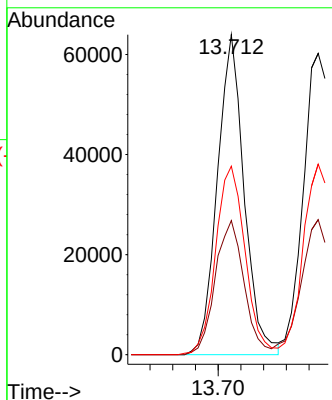
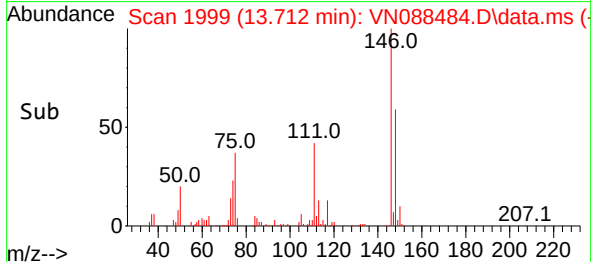
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



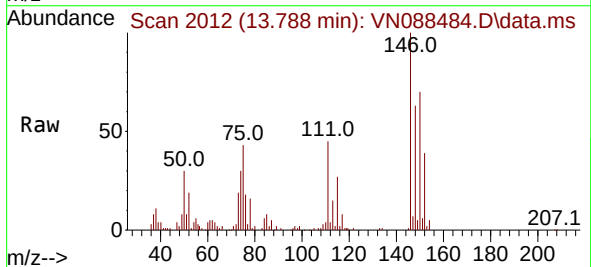
Tgt Ion:146 Resp: 105028
Ion Ratio Lower Upper
146 100
111 45.1 22.4 67.0
148 64.9 31.6 94.8

Manual Integrations
APPROVED

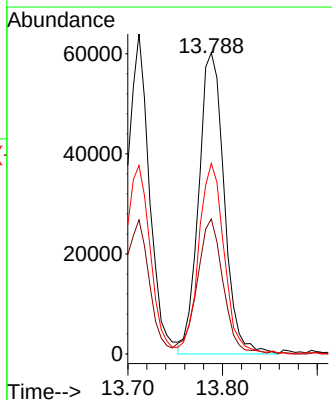
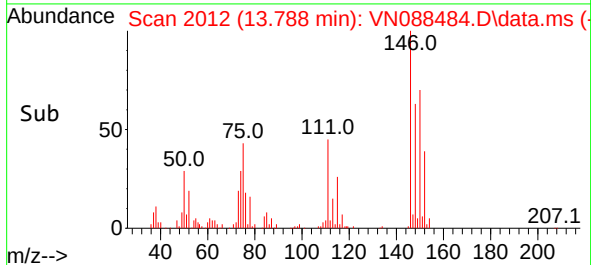
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

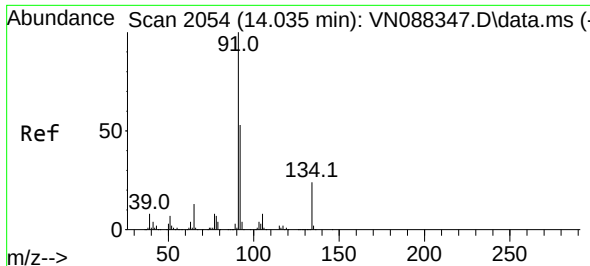


#88
1,4-Dichlorobenzene
Concen: 16.657 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



Tgt Ion:146 Resp: 112660
Ion Ratio Lower Upper
146 100
111 46.3 21.6 64.6
148 63.5 31.0 93.0





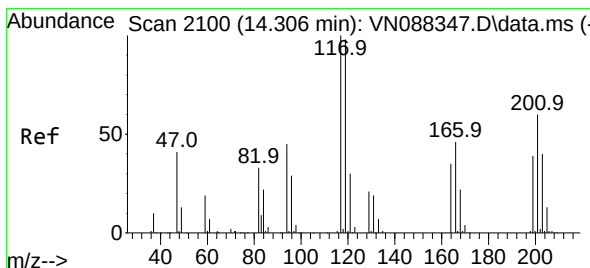
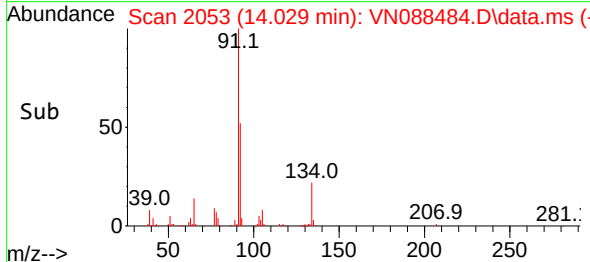
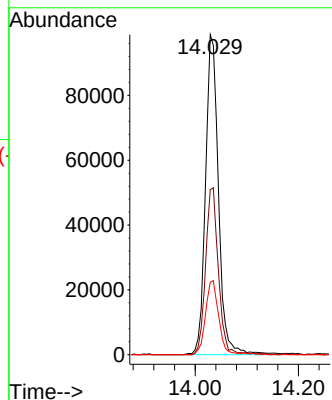
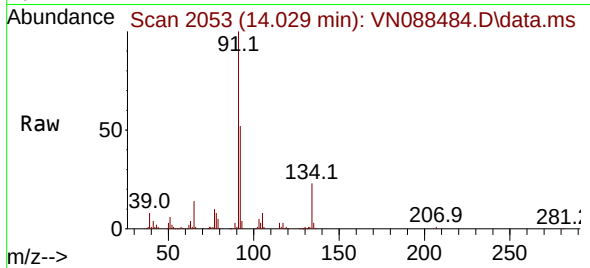
#89
n-Butylbenzene
Concen: 14.725 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02

Tgt Ion: 91 Resp: 17199
Ion Ratio Lower Upper
91 100
92 51.8 26.1 78.3
134 23.3 11.7 35.1

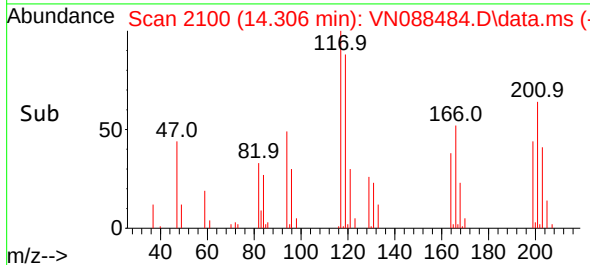
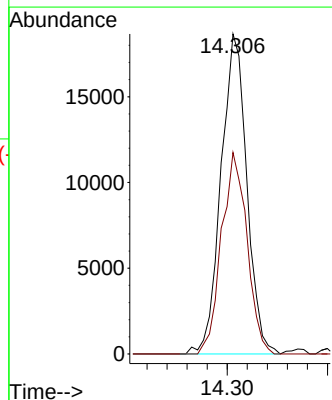
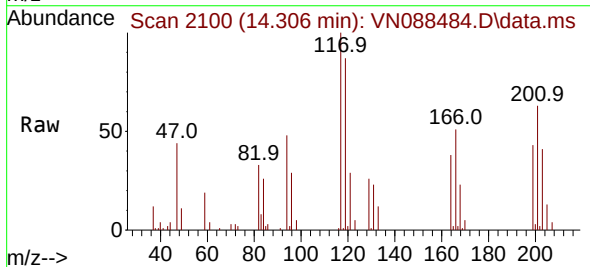
Manual Integrations
APPROVED

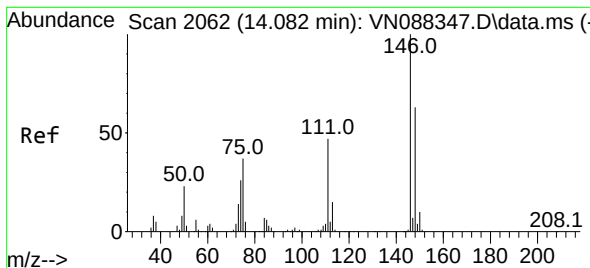
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#90
Hexachloroethane
Concen: 15.154 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

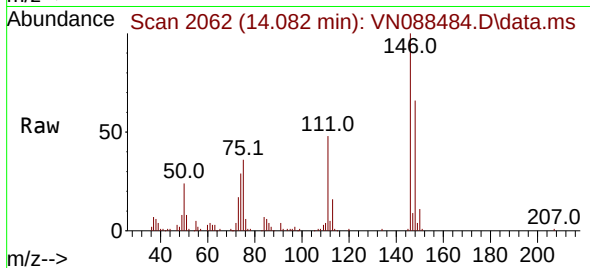
Tgt Ion:117 Resp: 33302
Ion Ratio Lower Upper
117 100
201 62.3 30.3 90.9





#91
1,2-Dichlorobenzene
Concen: 16.917 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

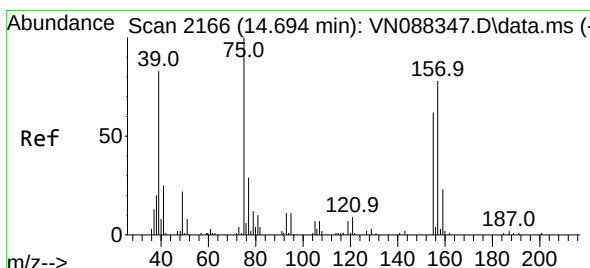
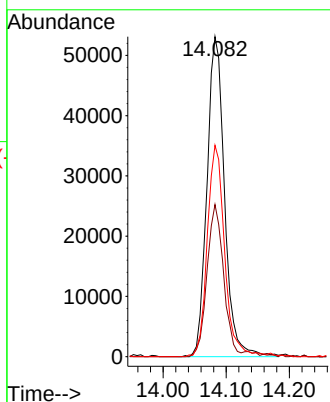
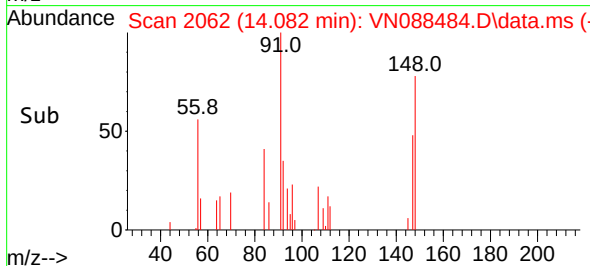
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



Tgt Ion:146 Resp: 102790
Ion Ratio Lower Upper
146 100
111 44.7 23.3 69.9
148 65.5 31.8 95.4

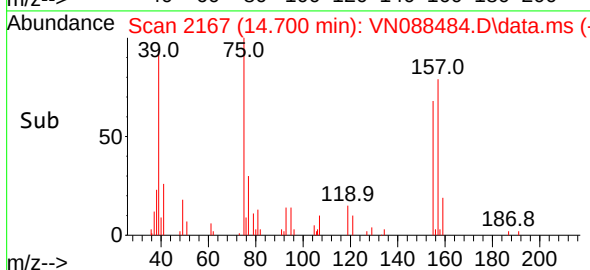
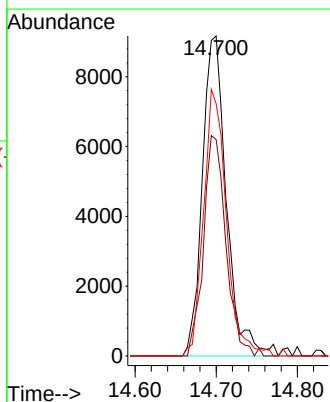
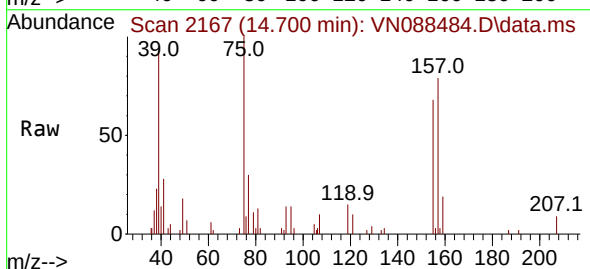
Manual Integrations
APPROVED

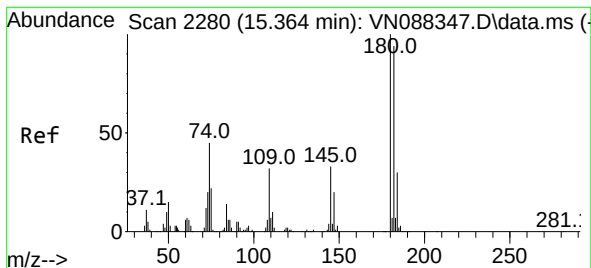
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.641 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

Tgt Ion: 75 Resp: 18923
Ion Ratio Lower Upper
75 100
155 64.0 33.7 101.1
157 78.8 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 15.474 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

Instrument :

MSVOA_N

ClientSampleId :

VN1209WBSD02

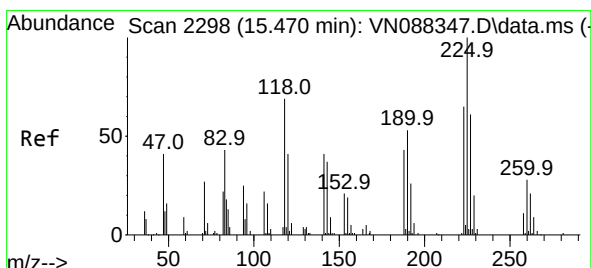
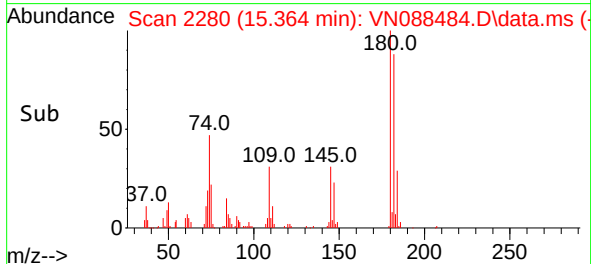
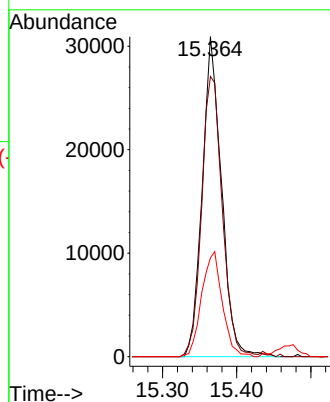
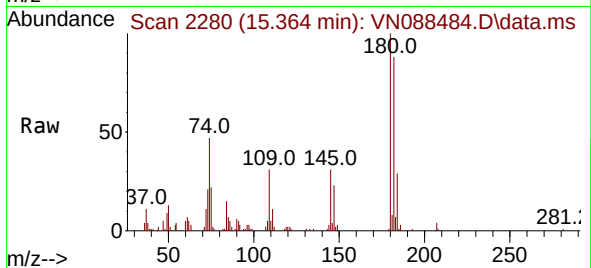
Tgt Ion:180	Resp:	5586
Ion Ratio	Lower	Upper
180	100	
182	94.0	46.1 138.2
145	35.2	16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2025

Supervised By :Mahesh Dadoda 12/11/2025



#94

Hexachlorobutadiene

Concen: 14.268 ug/l

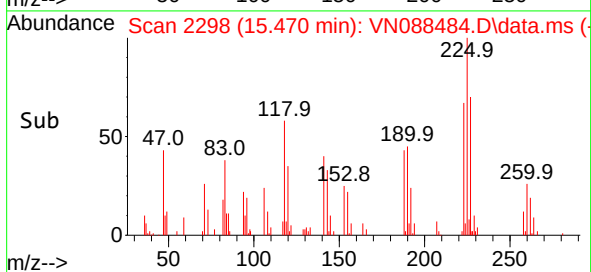
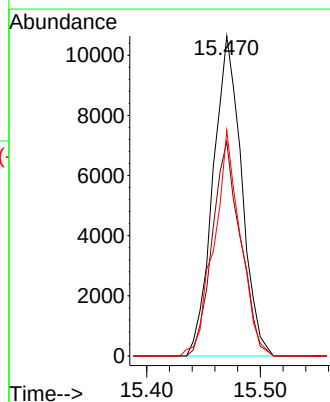
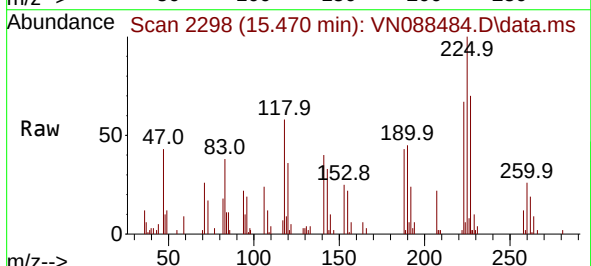
RT: 15.470 min Scan# 2298

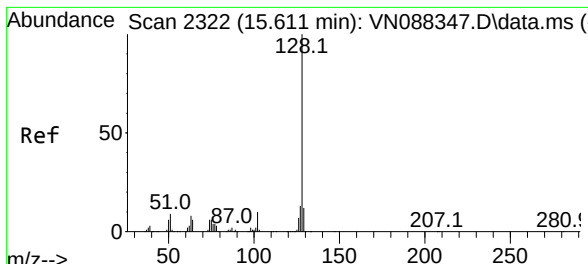
Delta R.T. 0.000 min

Lab File: VN088484.D

Acq: 09 Dec 2025 17:03

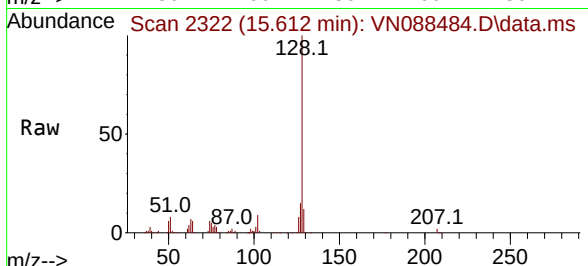
Tgt Ion:225	Resp:	18511
Ion Ratio	Lower	Upper
225	100	
223	66.3	32.3 96.8
227	65.5	29.9 89.8





#95
Naphthalene
Concen: 15.421 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03

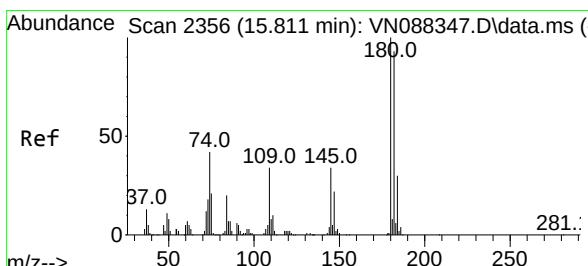
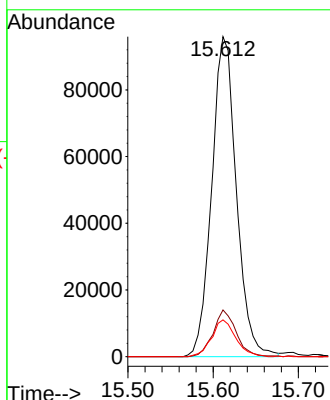
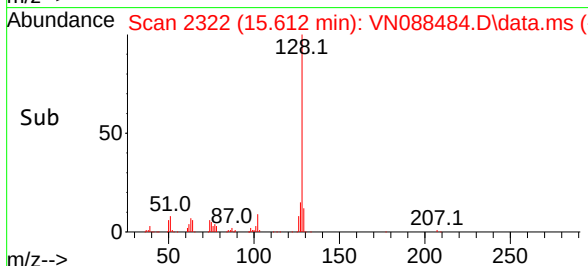
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBSD02



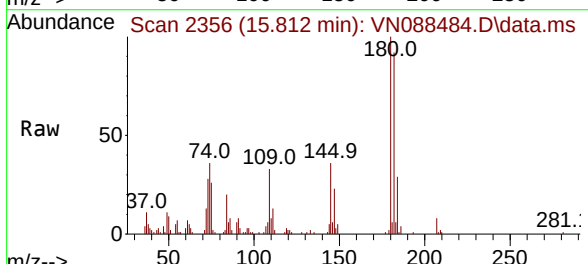
Tgt Ion:128 Resp: 192925
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 11.2 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 14.954 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088484.D
Acq: 09 Dec 2025 17:03



Tgt Ion:180 Resp: 52541
Ion Ratio Lower Upper
180 100
182 96.8 45.9 137.7
145 36.3 17.8 53.4

